

Time Weighted/Integrated Real Time LBMP- Generator

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

Generator Data

10/17/2025

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	37.74	34.78	41.88	38.19	36.09	41.23	59.48	77.47	94.77	46.23	48.28	45.29	46.16	45.66	43.79	43.63	49.99	60.08	112.41	99.48	64.90	51.21	46.37	46.03
24138	1.42	1.33	1.38	1.23	1.12	1.10	1.40	2.52	3.15	1.77	1.76	1.91	1.84	1.93	2.17	2.18	2.33	2.68	4.62	3.88	2.41	2.00	1.83	1.62
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
74TH STREET_GT_1	37.79	34.82	41.92	38.25	36.15	41.29	59.69	77.71	95.05	46.33	48.39	45.37	46.25	45.73	43.83	43.65	50.04	60.20	112.72	99.78	65.11	51.36	46.49	46.15
24260	1.48	1.36	1.43	1.29	1.18	1.16	1.61	2.76	3.44	1.87	1.87	1.99	1.93	2.01	2.21	2.21	2.38	2.81	4.93	4.18	2.63	2.15	1.95	1.75
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
74TH STREET_GT_2	37.79	34.82	41.92	38.25	36.15	41.29	59.69	77.71	95.05	46.33	48.39	45.37	46.25	45.73	43.83	43.65	50.04	60.20	112.72	99.78	65.11	51.36	46.49	46.15
24261	1.48	1.36	1.43	1.29	1.18	1.16	1.61	2.76	3.44	1.87	1.87	1.99	1.93	2.01	2.21	2.21	2.38	2.81	4.93	4.18	2.63	2.15	1.95	1.75
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK HUDSON___FALLS	37.59	34.69	41.96	38.21	36.16	41.50	60.41	78.38	95.14	44.97	46.66	42.57	44.85	44.23	42.15	42.23	49.20	59.79	112.78	100.41	65.63	51.52	46.49	45.94
24011	1.28	1.23	1.46	1.25	1.20	1.38	2.32	3.43	3.53	0.50	0.14	-0.04	0.53	0.51	0.53	0.79	1.55	2.40	4.99	4.80	3.15	2.31	1.95	1.54
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.76	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK RESOURCE___RCVRY	37.80	34.87	42.19	38.40	36.32	41.76	60.84	79.08	95.93	45.06	46.63	42.52	44.86	44.25	42.16	42.29	49.43	60.14	113.56	101.28	66.24	51.96	46.84	46.13
23798	1.48	1.41	1.70	1.44	1.35	1.63	2.76	4.13	4.32	0.59	0.11	-0.08	0.54	0.53	0.54	0.85	1.77	2.74	5.77	5.67	3.75	2.74	2.30	1.73
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.77	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK S GLENS___FALLS	37.59	34.69	41.96	38.21	36.16	41.50	60.41	78.38	95.14	44.97	46.66	42.57	44.85	44.23	42.15	42.23	49.20	59.79	112.78	100.41	65.63	51.52	46.49	45.94
24028	1.28	1.23	1.46	1.25	1.20	1.38	2.32	3.43	3.53	0.50	0.14	-0.04	0.53	0.51	0.53	0.79	1.55	2.40	4.99	4.80	3.15	2.31	1.95	1.54
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.76	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK_NYS___DAM	36.70	33.88	40.89	37.26	35.28	40.45	58.66	76.03	93.15	44.68	46.52	43.40	44.46	43.90	41.84	41.77	48.41	58.58	110.07	98.04	64.20	50.47	45.63	45.23
23527	0.39	0.42	0.39	0.30	0.31	0.32	0.58	1.08	1.54	0.21	0.00	0.03	0.14	0.18	0.22	0.32	0.75	1.19	2.28	2.43	1.72	1.26	1.09	0.83
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
AIR_PRODUCTS___DRP	36.00	33.26	40.10	36.60	34.70	39.64	57.25	74.08	90.71	43.84	45.71	42.71	43.78	43.21	41.19	41.00	47.29	57.10	107.19	95.20	62.33	49.06	44.33	44.01
24190	-0.32	-0.20	-0.40	-0.37	-0.27	-0.49	-0.83	-0.87	-0.90	-0.62	-0.81	-0.66	-0.54	-0.52	-0.43	-0.44	-0.37	-0.29	-0.60	-0.40	-0.15	-0.16	-0.21	-0.39
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
AKWESSNE_115KV_BK	36.78	33.89	41.02	37.44	35.41	40.76	59.16	76.13	92.51	45.04	47.19	43.93	44.96	44.35	42.16	42.01	48.30	58.06	108.95	96.75	63.32	49.91	45.14	45.02
355683	0.47	0.43	0.52	0.49	0.44	0.63	1.08	1.18	0.90	0.57	0.67	0.55	0.64	0.63	0.54	0.57	0.64	0.66	1.16	1.15	0.84	0.70	0.60	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	0.00	0.00	0.00
ALBANY_1_SOLAR	36.89	34.05	41.10	37.53	35.55	40.87	59.10	76.37	92.93	44.39	46.23	43.19	44.44	43.70	41.59	41.49	48.11	58.34	109.74	97.44	63.78	50.18	45.38	45.09
323833	0.58	0.60	0.60	0.57	0.59	0.74	1.01	1.42	1.32	-0.08	-0.29	-0.19	0.12	-0.02	-0.02	0.04	0.45	0.95	1.95	1.84	1.30	0.96	0.84	0.69
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ALBANY_2_SOLAR	36.89	34.04	41.09	37.52	35.55	40.85	59.09	76.33	92.86	44.38	46.22	43.18	44.43	43.70	41.59	41.49	48.10	58.33	109.72	97.42	63.77	50.17	45.36	45.08
323834	0.57	0.59	0.59	0.56	0.59	0.72	1.00	1.38	1.25	-0.08	-0.30	-0.20	0.11	-0.03	-0.03	0.04	0.43	0.94	1.92	1.81	1.28	0.95	0.82	0.68
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ALBANY___1	36.00	33.26	40.10	36.60	34.70	39.64	57.25	74.08	90.71	43.84	45.71	42.71	43.78	43.21	41.19	41.00	47.29	57.10	107.19	95.20	62.33	49.06	44.33	44.01
23571	-0.32	-0.20	-0.40	-0.37	-0.27	-0.49	-0.83	-0.87	-0.90	-0.62	-0.81	-0.66	-0.54	-0.52	-0.43	-0.44	-0.37	-0.29	-0.60	-0.40	-0.15	-0.16	-0.21	-0.39
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

ALBANY___2 23572	36.00 -0.32 0.00	33.26 -0.20 0.00	40.10 -0.40 0.00	36.60 -0.37 0.00	34.70 -0.27 0.00	39.64 -0.49 0.00	57.25 -0.83 0.00	74.08 -0.87 0.00	90.71 -0.90 0.00	43.84 -0.62 0.00	45.71 -0.81 0.00	42.71 -0.66 0.00	43.78 -0.54 0.00	43.21 -0.52 0.00	41.19 -0.43 0.00	41.00 -0.44 0.00	47.29 -0.37 0.00	57.10 -0.29 0.00	107.19 -0.60 0.00	95.20 -0.40 0.00	62.33 -0.15 0.00	49.06 -0.16 0.00	44.33 -0.21 0.00	44.01 -0.39 0.00
ALBANY___3 23573	36.00 -0.32 0.00	33.26 -0.20 0.00	40.10 -0.40 0.00	36.60 -0.37 0.00	34.70 -0.27 0.00	39.64 -0.49 0.00	57.25 -0.83 0.00	74.08 -0.87 0.00	90.71 -0.90 0.00	43.84 -0.62 0.00	45.71 -0.81 0.00	42.71 -0.66 0.00	43.78 -0.54 0.00	43.21 -0.52 0.00	41.19 -0.43 0.00	41.00 -0.44 0.00	47.29 -0.37 0.00	57.10 -0.29 0.00	107.19 -0.60 0.00	95.20 -0.40 0.00	62.33 -0.15 0.00	49.06 -0.16 0.00	44.33 -0.21 0.00	44.01 -0.39 0.00
ALBANY___4 23574	36.00 -0.32 0.00	33.26 -0.20 0.00	40.10 -0.40 0.00	36.60 -0.37 0.00	34.70 -0.27 0.00	39.64 -0.49 0.00	57.25 -0.83 0.00	74.08 -0.87 0.00	90.71 -0.90 0.00	43.84 -0.62 0.00	45.71 -0.81 0.00	42.71 -0.66 0.00	43.78 -0.54 0.00	43.21 -0.52 0.00	41.19 -0.43 0.00	41.00 -0.44 0.00	47.29 -0.37 0.00	57.10 -0.29 0.00	107.19 -0.60 0.00	95.20 -0.40 0.00	62.33 -0.15 0.00	49.06 -0.16 0.00	44.33 -0.21 0.00	44.01 -0.39 0.00
ALBANY___LFGE 323615	36.34 0.02 0.00	33.58 0.12 0.00	40.48 -0.02 0.00	36.94 -0.02 0.00	35.02 0.05 0.00	40.03 -0.10 0.00	57.88 -0.21 0.00	74.88 -0.07 0.00	91.64 0.03 0.00	44.21 -0.26 0.00	46.10 -0.42 0.00	43.06 -0.32 0.00	44.23 -0.08 0.00	43.64 -0.09 0.00	41.60 -0.02 0.00	41.44 -0.01 0.00	47.86 0.20 0.00	57.79 0.39 0.00	108.41 0.62 0.00	96.23 0.62 0.00	63.00 0.52 0.00	49.58 0.37 0.00	44.80 0.26 0.00	44.46 0.06 0.00
ALCOA_PA_115KV_PL-6C 55860	37.00 0.69 0.00	34.09 0.63 0.00	41.26 0.76 0.00	37.67 0.71 0.00	35.62 0.66 0.00	41.01 0.88 0.00	59.53 1.44 0.00	76.60 1.65 0.00	93.35 1.74 0.00	45.27 0.80 0.00	47.38 0.86 0.00	44.09 0.71 0.00	45.12 0.80 0.00	44.52 0.79 0.00	42.31 0.69 0.00	42.16 0.71 0.00	48.50 0.84 0.00	58.32 0.93 0.00	109.63 1.84 0.00	97.47 1.87 0.00	63.76 1.27 0.00	50.21 1.00 0.00	45.39 0.85 0.00	45.26 0.86 0.00
ALCOA_RYNLDS___DRP 24188	37.00 0.69 0.00	34.09 0.63 0.00	41.26 0.76 0.00	37.67 0.71 0.00	35.62 0.66 0.00	41.01 0.88 0.00	59.53 1.44 0.00	76.60 1.65 0.00	93.35 1.74 0.00	45.27 0.80 0.00	47.38 0.86 0.00	44.09 0.71 0.00	45.12 0.80 0.00	44.52 0.79 0.00	42.31 0.69 0.00	42.16 0.71 0.00	48.50 0.84 0.00	58.32 0.93 0.00	109.63 1.84 0.00	97.47 1.87 0.00	63.76 1.27 0.00	50.21 1.00 0.00	45.39 0.85 0.00	45.26 0.86 0.00
ALCOA___DSASP 323711	37.00 0.69 0.00	34.09 0.63 0.00	41.26 0.76 0.00	37.67 0.71 0.00	35.62 0.66 0.00	41.01 0.88 0.00	59.53 1.44 0.00	76.60 1.65 0.00	93.35 1.74 0.00	45.26 0.80 0.00	47.38 0.86 0.00	44.09 0.71 0.00	45.12 0.80 0.00	44.52 0.79 0.00	42.31 0.69 0.00	42.16 0.71 0.00	48.50 0.84 0.00	58.32 0.93 0.00	109.63 1.84 0.00	97.47 1.86 0.00	63.76 1.27 0.00	50.21 1.00 0.00	45.39 0.85 0.00	45.26 0.85 0.00
ALLEGHENY___COGEN 23514	37.90 1.58 0.00	34.78 1.33 0.00	42.27 1.77 0.00	38.70 1.73 0.00	36.68 1.71 0.00	42.44 2.31 0.00	61.71 3.63 0.00	79.29 4.34 0.00	96.59 4.98 0.00	47.29 2.82 0.00	49.59 3.07 0.00	47.98 2.17 -2.43	46.74 2.42 0.00	45.94 2.22 0.00	43.65 2.03 0.00	43.34 1.90 0.00	49.30 1.64 0.00	59.75 2.36 0.00	112.25 4.46 0.00	99.09 3.48 0.00	64.50 2.01 0.00	50.66 1.45 0.00	46.21 1.67 0.00	46.68 2.28 0.00
ALTAMONT_115KV_TB 2 55880	36.50 0.18 0.00	33.67 0.21 0.00	40.68 0.18 0.00	37.11 0.15 0.00	35.14 0.17 0.00	40.19 0.06 0.00	58.06 -0.02 0.00	75.09 0.14 0.00	91.88 0.27 0.00	44.50 0.03 0.00	46.44 -0.07 0.00	43.44 0.07 0.00	44.43 0.11 0.00	43.85 0.13 0.00	41.79 0.17 0.00	41.59 0.15 0.00	47.88 0.22 0.00	57.76 0.37 0.00	108.38 0.59 0.00	96.27 0.67 0.00	63.02 0.54 0.00	49.62 0.41 0.00	44.86 0.32 0.00	44.59 0.18 0.00
ALTONA_WT_PWR 323606	37.11 0.80 0.00	34.23 0.77 0.00	41.49 0.99 0.00	37.86 0.89 0.00	35.81 0.84 0.00	41.23 1.10 0.00	59.78 1.69 0.00	77.26 2.31 0.00	94.16 2.55 0.00	45.50 1.03 0.00	47.55 1.03 0.00	44.16 0.78 0.00	45.15 0.83 0.00	44.66 0.93 0.00	42.40 0.78 0.00	42.42 0.98 0.00	48.75 1.09 0.00	58.55 1.16 0.00	110.06 2.27 0.00	97.89 2.28 0.00	63.92 1.44 0.00	50.53 1.31 0.00	45.56 1.02 0.00	45.17 0.77 0.00
AMERICAN_REF_FUEL 24010	36.36 0.04 0.00	33.32 -0.14 0.00	40.43 -0.07 0.00	36.90 -0.06 0.00	34.89 -0.08 0.00	40.11 -0.02 0.00	57.50 -0.58 0.00	72.87 -2.08 0.00	89.11 -2.50 0.00	44.46 0.00 0.00	47.40 0.88 0.00	45.66 0.24 -2.04	45.01 0.69 0.00	44.28 0.56 0.00	42.02 0.40 0.00	41.59 0.15 0.00	46.82 -0.84 0.00	54.56 -2.84 0.00	101.02 -6.77 0.00	88.14 -7.47 0.00	57.30 -5.19 0.00	45.28 -3.93 0.00	42.05 -2.49 0.00	43.70 -0.70 0.00
ARKWRIGHT___SUMMIT_WT_PWR 323751	37.46 1.15 0.00	34.29 0.83 0.00	41.74 1.24 0.00	38.02 1.06 0.00	35.87 0.90 0.00	41.46 1.33 0.00	59.74 1.66 0.00	76.35 1.40 0.00	93.21 1.60 0.00	46.01 1.54 0.00	49.06 2.54 0.00	47.49 2.06 -2.05	46.64 2.33 0.00	45.83 2.10 0.00	43.56 1.94 0.00	43.25 1.80 0.00	48.74 1.07 0.00	57.37 -0.03 0.00	107.26 -0.54 0.00	93.71 -1.90 0.00	60.84 -1.65 0.00	47.75 -1.47 0.00	43.78 -0.76 0.00	44.06 -0.34 0.00
ARTHUR KILL_GT_1 23520	37.90 1.59 0.00	34.94 1.48 0.00	42.00 1.50 0.00	38.41 1.45 0.00	36.33 1.37 0.00	41.44 1.30 0.00	59.28 1.20 0.00	76.92 1.97 0.00	94.00 2.39 0.00	45.88 1.42 0.00	47.79 1.27 0.00	44.85 1.47 0.00	45.64 1.33 0.00	45.21 1.48 0.00	43.54 1.93 0.00	43.39 1.95 0.00	49.54 1.89 0.00	59.59 2.19 0.00	111.55 3.76 0.00	98.89 3.28 0.00	64.68 2.20 0.00	51.06 1.84 0.00	46.24 1.70 0.00	45.84 1.44 0.00
ARTHUR_KILL_2 23512	37.81 1.49 0.00	34.84 1.39 0.00	41.90 1.40 0.00	38.32 1.36 0.00	36.23 1.26 0.00	41.32 1.19 0.00	59.09 1.01 0.00	76.69 1.74 0.00	93.76 2.15 0.00	45.76 1.29 0.00	47.68 1.16 0.00	44.77 1.39 0.00	45.55 1.24 0.00	45.12 1.39 0.00	43.46 1.84 0.00	43.29 1.84 0.00	49.43 1.77 0.00	59.43 2.04 0.00	111.23 3.44 0.00	98.59 2.98 0.00	64.49 2.00 0.00	50.92 1.70 0.00	46.11 1.57 0.00	45.71 1.31 0.00
ARTHUR_KILL_3 23513	37.40 1.08 0.00	34.47 1.01 0.00	41.48 0.98 0.00	37.84 0.87 0.00	35.76 0.79 0.00	40.83 0.70 0.00	58.98 0.90 0.00	76.88 1.94 0.00	93.97 2.36 0.00	45.80 1.34 0.00	47.80 1.28 0.00	44.82 1.45 0.00	45.67 1.36 0.00	45.18 1.46 0.00	43.34 1.72 0.00	43.18 1.74 0.00	49.46 1.80 0.00	59.49 2.10 0.00	111.37 3.58 0.00	98.61 3.01 0.00	64.36 1.88 0.00	50.81 1.60 0.00	45.99 1.45 0.00	45.65 1.25 0.00

ARTHUR_KILL_COGEN 323718	37.90 1.59 0.00	34.94 1.48 0.00	42.01 1.51 0.00	38.41 1.45 0.00	36.33 1.37 0.00	41.43 1.30 0.00	59.27 1.19 0.00	76.91 1.96 0.00	94.03 2.42 0.00	45.88 1.41 0.00	47.79 1.26 0.00	44.87 1.49 0.00	45.65 1.33 0.00	45.21 1.48 0.00	43.55 1.93 0.00	43.39 1.95 0.00	49.55 1.89 0.00	59.59 2.19 0.00	111.55 3.76 0.00	98.88 3.28 0.00	64.68 2.20 0.00	51.06 1.84 0.00	46.24 1.70 0.00	45.84 1.44 0.00
ASHOKAN____ 23654	37.16 0.84 0.00	34.20 0.75 0.00	41.27 0.77 0.00	37.62 0.66 0.00	35.64 0.68 0.00	41.12 0.99 0.00	59.71 1.63 0.00	77.61 2.66 0.00	94.98 3.37 0.00	45.52 1.05 0.00	47.08 0.57 0.00	43.91 0.54 0.00	44.74 0.42 0.00	44.10 0.38 0.00	42.16 0.54 0.00	42.06 0.62 0.00	48.50 0.84 0.00	58.94 1.55 0.00	111.37 3.58 0.00	99.04 3.43 0.00	64.79 2.31 0.00	50.96 1.75 0.00	45.99 1.45 0.00	45.63 1.22 0.00
ASTORIA_EAST_ENERGY_CC1 323581	37.10 0.80 0.01	34.22 0.77 0.01	41.14 0.65 0.01	37.77 0.81 0.01	35.76 0.80 0.01	40.80 0.67 0.00	58.98 0.90 0.00	76.87 1.92 0.00	93.99 2.38 0.00	45.81 1.35 0.00	47.74 1.22 0.00	44.77 1.39 0.00	45.61 1.29 0.00	45.11 1.39 0.00	43.28 1.67 0.00	43.06 1.62 0.00	49.33 1.67 0.00	59.36 1.97 0.00	111.30 3.51 0.00	98.65 3.05 0.00	64.38 1.90 0.00	50.79 1.57 0.00	45.98 1.44 0.00	45.60 1.20 0.00
ASTORIA_EAST_ENERGY_CC2 323582	37.08 0.78 0.01	34.20 0.75 0.01	41.12 0.63 0.01	37.75 0.79 0.01	35.75 0.79 0.01	40.78 0.65 0.00	58.93 0.85 0.00	76.83 1.88 0.00	93.95 2.34 0.00	45.79 1.32 0.00	47.70 1.18 0.00	44.75 1.37 0.00	45.58 1.26 0.00	45.10 1.38 0.00	43.25 1.63 0.00	43.04 1.60 0.00	49.31 1.65 0.00	59.33 1.94 0.00	111.23 3.44 0.00	98.60 2.99 0.00	64.34 1.85 0.00	50.50 1.29 0.00	45.91 1.37 0.00	45.58 1.17 0.00
ASTORIA_GT2_1 24094	37.11 0.79 0.00	34.23 0.77 0.00	41.15 0.65 0.00	37.77 0.81 0.01	35.76 0.80 0.01	40.80 0.67 0.00	58.98 0.90 0.00	76.87 1.92 0.00	93.99 2.38 0.00	45.81 1.35 0.00	47.74 1.22 0.00	44.74 1.36 0.00	45.60 1.28 0.00	45.11 1.39 0.00	43.28 1.66 0.00	43.06 1.62 0.00	49.33 1.67 0.00	59.36 1.97 0.00	111.30 3.51 0.00	98.65 3.05 0.00	64.39 1.90 0.00	50.79 1.57 0.00	45.98 1.44 0.00	45.61 1.20 0.00
ASTORIA_GT2_2 24095	37.11 0.79 0.00	34.23 0.77 0.00	41.15 0.65 0.00	37.77 0.81 0.01	35.76 0.80 0.01	40.80 0.67 0.00	58.98 0.90 0.00	76.87 1.92 0.00	93.99 2.38 0.00	45.81 1.35 0.00	47.74 1.22 0.00	44.74 1.36 0.00	45.60 1.28 0.00	45.11 1.39 0.00	43.28 1.66 0.00	43.06 1.62 0.00	49.33 1.67 0.00	59.36 1.97 0.00	111.30 3.51 0.00	98.65 3.05 0.00	64.39 1.90 0.00	50.79 1.57 0.00	45.98 1.44 0.00	45.61 1.20 0.00
ASTORIA_GT2_3 24096	37.11 0.79 0.00	34.23 0.77 0.00	41.15 0.65 0.00	37.77 0.81 0.01	35.76 0.80 0.01	40.80 0.67 0.00	58.98 0.90 0.00	76.87 1.92 0.00	93.99 2.38 0.00	45.81 1.35 0.00	47.74 1.22 0.00	44.74 1.36 0.00	45.60 1.28 0.00	45.11 1.39 0.00	43.28 1.66 0.00	43.06 1.62 0.00	49.33 1.67 0.00	59.36 1.97 0.00	111.30 3.51 0.00	98.65 3.05 0.00	64.39 1.90 0.00	50.79 1.57 0.00	45.98 1.44 0.00	45.61 1.20 0.00
ASTORIA_GT2_4 24097	37.11 0.79 0.00	34.23 0.77 0.00	41.15 0.65 0.00	37.77 0.81 0.01	35.76 0.80 0.01	40.80 0.67 0.00	58.98 0.90 0.00	76.87 1.92 0.00	93.99 2.38 0.00	45.81 1.35 0.00	47.74 1.22 0.00	44.74 1.36 0.00	45.60 1.28 0.00	45.11 1.39 0.00	43.28 1.66 0.00	43.06 1.62 0.00	49.33 1.67 0.00	59.36 1.97 0.00	111.30 3.51 0.00	98.65 3.05 0.00	64.39 1.90 0.00	50.79 1.57 0.00	45.98 1.44 0.00	45.61 1.20 0.00
ASTORIA_GT3_1 24098	37.11 0.79 0.00	34.23 0.77 0.00	41.15 0.65 0.00	37.77 0.81 0.01	35.76 0.80 0.01	40.80 0.67 0.00	58.98 0.90 0.00	76.87 1.92 0.00	93.99 2.38 0.00	45.81 1.35 0.00	47.74 1.22 0.00	44.74 1.36 0.00	45.60 1.28 0.00	45.11 1.39 0.00	43.28 1.66 0.00	43.06 1.62 0.00	49.33 1.67 0.00	59.36 1.97 0.00	111.30 3.51 0.00	98.65 3.05 0.00	64.36 1.87 0.00	50.52 1.31 0.00	45.94 1.40 0.00	45.61 1.20 0.00
ASTORIA_GT3_2 24099	37.11 0.79 0.00	34.23 0.77 0.00	41.15 0.65 0.00	37.77 0.81 0.01	35.76 0.80 0.01	40.80 0.67 0.00	58.98 0.90 0.00	76.87 1.92 0.00	93.99 2.38 0.00	45.81 1.35 0.00	47.74 1.22 0.00	44.74 1.36 0.00	45.60 1.28 0.00	45.11 1.39 0.00	43.28 1.66 0.00	43.06 1.62 0.00	49.33 1.67 0.00	59.36 1.97 0.00	111.30 3.51 0.00	98.65 3.05 0.00	64.36 1.87 0.00	50.52 1.31 0.00	45.94 1.40 0.00	45.61 1.20 0.00
ASTORIA_GT3_3 24100	37.11 0.79 0.00	34.23 0.77 0.00	41.15 0.65 0.00	37.77 0.81 0.01	35.76 0.80 0.01	40.80 0.67 0.00	58.98 0.90 0.00	76.87 1.92 0.00	93.99 2.38 0.00	45.81 1.35 0.00	47.74 1.22 0.00	44.74 1.36 0.00	45.60 1.28 0.00	45.11 1.39 0.00	43.28 1.66 0.00	43.06 1.62 0.00	49.33 1.67 0.00	59.36 1.97 0.00	111.30 3.51 0.00	98.65 3.05 0.00	64.36 1.87 0.00	50.52 1.31 0.00	45.94 1.40 0.00	45.61 1.20 0.00
ASTORIA_GT3_4 24101	37.11 0.79 0.00	34.23 0.77 0.00	41.15 0.65 0.00	37.77 0.81 0.01	35.76 0.80 0.01	40.80 0.67 0.00	58.98 0.90 0.00	76.87 1.92 0.00	93.99 2.38 0.00	45.81 1.35 0.00	47.74 1.22 0.00	44.74 1.36 0.00	45.60 1.28 0.00	45.11 1.39 0.00	43.28 1.66 0.00	43.06 1.62 0.00	49.33 1.67 0.00	59.36 1.97 0.00	111.30 3.51 0.00	98.65 3.05 0.00	64.36 1.87 0.00	50.52 1.31 0.00	45.94 1.40 0.00	45.61 1.20 0.00
ASTORIA_GT4_1 24102	37.11 0.79 0.00	34.23 0.77 0.00	41.15 0.65 0.00	37.77 0.81 0.01	35.76 0.80 0.01	40.80 0.67 0.00	58.98 0.90 0.00	76.87 1.92 0.00	93.99 2.38 0.00	45.81 1.35 0.00	47.74 1.22 0.00	44.74 1.36 0.00	45.60 1.28 0.00	45.11 1.39 0.00	43.28 1.66 0.00	43.06 1.62 0.00	49.33 1.67 0.00	59.36 1.97 0.00	111.30 3.51 0.00	98.65 3.05 0.00	64.36 1.87 0.00	50.52 1.31 0.00	45.94 1.40 0.00	45.61 1.20 0.00
ASTORIA_GT4_2 24103	37.11 0.79 0.00	34.23 0.77 0.00	41.15 0.65 0.00	37.77 0.81 0.01	35.76 0.80 0.01	40.80 0.67 0.00	58.98 0.90 0.00	76.87 1.92 0.00	93.99 2.38 0.00	45.81 1.35 0.00	47.74 1.22 0.00	44.74 1.36 0.00	45.60 1.28 0.00	45.11 1.39 0.00	43.28 1.66 0.00	43.06 1.62 0.00	49.33 1.67 0.00	59.36 1.97 0.00	111.30 3.51 0.00	98.65 3.05 0.00	64.36 1.87 0.00	50.52 1.31 0.00	45.94 1.40 0.00	45.61 1.20 0.00
ASTORIA_GT4_3 24104	37.11 0.79 0.00	34.23 0.77 0.00	41.15 0.65 0.00	37.77 0.81 0.01	35.76 0.80 0.01	40.80 0.67 0.00	58.98 0.90 0.00	76.87 1.92 0.00	93.99 2.38 0.00	45.81 1.35 0.00	47.74 1.22 0.00	44.74 1.36 0.00	45.60 1.28 0.00	45.11 1.39 0.00	43.28 1.66 0.00	43.06 1.62 0.00	49.33 1.67 0.00	59.36 1.97 0.00	111.30 3.51 0.00	98.65 3.05 0.00	64.36 1.87 0.00	50.52 1.31 0.00	45.94 1.40 0.00	45.61 1.20 0.00

ASTORIA_GT4_4 24105	37.11 0.79 0.00	34.23 0.77 0.00	41.15 0.65 0.00	37.77 0.81 0.01	35.76 0.80 0.01	40.80 0.67 0.00	58.98 0.90 0.00	76.87 1.92 0.00	93.99 2.38 0.00	45.81 1.35 0.00	47.74 1.22 0.00	44.74 1.36 0.00	45.60 1.28 0.00	45.11 1.39 0.00	43.28 1.66 0.00	43.06 1.62 0.00	49.33 1.67 0.00	59.36 1.97 0.00	111.30 3.51 0.00	98.65 3.05 0.00	64.36 1.87 0.00	50.52 1.31 0.00	45.94 1.40 0.00	45.61 1.20 0.00
ASTORIA_GT_1 23523	37.18 0.87 0.00	34.29 0.84 0.00	41.22 0.72 0.00	37.82 0.87 0.01	35.82 0.86 0.01	40.86 0.74 0.00	59.10 1.02 0.00	77.02 2.07 0.00	94.18 2.57 0.00	45.92 1.45 0.00	47.83 1.31 0.00	44.83 1.45 0.00	45.70 1.38 0.00	45.20 1.48 0.00	43.37 1.75 0.00	43.16 1.72 0.00	49.43 1.77 0.00	59.48 2.09 0.00	111.52 3.73 0.00	98.85 3.24 0.00	64.51 2.03 0.00	50.77 1.55 0.00	46.05 1.50 0.00	45.68 1.28 0.00
ASTORIA_GT_10 24110	37.45 1.13 0.00	34.54 1.08 0.00	41.54 1.05 0.00	38.01 1.05 0.00	35.95 0.98 0.00	40.98 0.85 0.00	59.06 0.98 0.00	76.95 2.00 0.00	94.10 2.49 0.00	45.94 1.47 0.00	47.93 1.41 0.00	44.98 1.60 0.00	45.82 1.50 0.00	45.34 1.62 0.00	43.51 1.89 0.00	43.32 1.87 0.00	49.58 1.92 0.00	59.55 2.16 0.00	111.48 3.69 0.00	98.73 3.13 0.00	64.47 1.99 0.00	50.90 1.69 0.00	46.11 1.57 0.00	45.77 1.37 0.00
ASTORIA_GT_11 24225	37.45 1.13 0.00	34.54 1.08 0.00	41.54 1.05 0.00	38.01 1.05 0.00	35.95 0.98 0.00	40.98 0.85 0.00	59.06 0.98 0.00	76.95 2.00 0.00	94.10 2.49 0.00	45.94 1.47 0.00	47.93 1.41 0.00	44.98 1.60 0.00	45.82 1.50 0.00	45.34 1.62 0.00	43.51 1.89 0.00	43.32 1.87 0.00	49.58 1.92 0.00	59.55 2.16 0.00	111.48 3.69 0.00	98.73 3.13 0.00	64.47 1.99 0.00	50.90 1.69 0.00	46.11 1.57 0.00	45.77 1.37 0.00
ASTORIA_GT_12 24226	37.45 1.13 0.00	34.54 1.08 0.00	41.54 1.05 0.00	38.01 1.05 0.00	35.95 0.98 0.00	40.98 0.85 0.00	59.06 0.98 0.00	76.95 2.00 0.00	94.10 2.49 0.00	45.94 1.47 0.00	47.93 1.41 0.00	44.98 1.60 0.00	45.82 1.50 0.00	45.34 1.62 0.00	43.51 1.89 0.00	43.32 1.87 0.00	49.58 1.92 0.00	59.55 2.16 0.00	111.48 3.69 0.00	98.73 3.13 0.00	64.47 1.99 0.00	50.90 1.69 0.00	46.11 1.57 0.00	45.77 1.37 0.00
ASTORIA_GT_13 24227	37.45 1.13 0.00	34.54 1.08 0.00	41.54 1.05 0.00	38.01 1.05 0.00	35.95 0.98 0.00	40.98 0.85 0.00	59.06 0.98 0.00	76.95 2.00 0.00	94.10 2.49 0.00	45.94 1.47 0.00	47.93 1.41 0.00	44.98 1.60 0.00	45.82 1.50 0.00	45.34 1.62 0.00	43.51 1.89 0.00	43.32 1.87 0.00	49.58 1.92 0.00	59.55 2.16 0.00	111.48 3.69 0.00	98.73 3.13 0.00	64.47 1.99 0.00	50.90 1.69 0.00	46.11 1.57 0.00	45.77 1.37 0.00
ASTORIA_GT_5 24106	37.18 0.87 0.00	34.29 0.84 0.00	41.22 0.72 0.00	37.82 0.87 0.01	35.82 0.86 0.01	40.86 0.74 0.00	59.10 1.02 0.00	77.02 2.07 0.00	94.18 2.57 0.00	45.92 1.45 0.00	47.83 1.31 0.00	44.83 1.45 0.00	45.70 1.38 0.00	45.20 1.48 0.00	43.37 1.75 0.00	43.16 1.72 0.00	49.43 1.77 0.00	59.48 2.09 0.00	111.52 3.73 0.00	98.85 3.24 0.00	64.51 2.03 0.00	50.77 1.55 0.00	46.05 1.50 0.00	45.68 1.28 0.00
ASTORIA_GT_7 24107	37.18 0.87 0.00	34.29 0.84 0.00	41.22 0.72 0.00	37.82 0.87 0.01	35.82 0.86 0.01	40.86 0.74 0.00	59.10 1.02 0.00	77.02 2.07 0.00	94.18 2.57 0.00	45.92 1.45 0.00	47.83 1.31 0.00	44.83 1.45 0.00	45.70 1.38 0.00	45.20 1.48 0.00	43.37 1.75 0.00	43.16 1.72 0.00	49.43 1.77 0.00	59.48 2.09 0.00	111.52 3.73 0.00	98.85 3.24 0.00	64.51 2.03 0.00	50.77 1.55 0.00	46.05 1.50 0.00	45.68 1.28 0.00
ASTORIA_GT_8 24108	37.18 0.87 0.00	34.29 0.84 0.00	41.22 0.72 0.00	37.82 0.87 0.01	35.82 0.86 0.01	40.86 0.74 0.00	59.10 1.02 0.00	77.02 2.07 0.00	94.18 2.57 0.00	45.92 1.45 0.00	47.83 1.31 0.00	44.83 1.45 0.00	45.70 1.38 0.00	45.20 1.48 0.00	43.37 1.75 0.00	43.16 1.72 0.00	49.43 1.77 0.00	59.48 2.09 0.00	111.52 3.73 0.00	98.85 3.24 0.00	64.51 2.03 0.00	50.77 1.55 0.00	46.05 1.50 0.00	45.68 1.28 0.00
ASTORIA___2 24149	37.10 0.80 0.01	34.22 0.77 0.01	41.14 0.65 0.01	37.77 0.81 0.01	35.76 0.80 0.01	40.80 0.67 0.00	58.98 0.90 0.00	76.87 1.92 0.00	93.99 2.38 0.00	45.81 1.35 0.00	47.74 1.22 0.00	44.77 1.39 0.00	45.61 1.29 0.00	45.11 1.39 0.00	43.28 1.67 0.00	43.06 1.62 0.00	49.33 1.67 0.00	59.36 1.97 0.00	111.30 3.51 0.00	98.65 3.05 0.00	64.36 1.87 0.00	50.52 1.31 0.00	45.94 1.40 0.00	45.60 1.20 0.00
ASTORIA___3 23516	37.45 1.14 0.00	34.54 1.08 0.00	41.54 1.04 0.00	38.01 1.05 0.00	35.95 0.98 0.00	40.97 0.85 0.00	59.07 0.98 0.00	76.95 2.00 0.00	94.08 2.47 0.00	45.94 1.48 0.00	47.93 1.41 0.00	44.99 1.61 0.00	45.82 1.50 0.00	45.35 1.63 0.00	43.51 1.89 0.00	43.32 1.88 0.00	49.58 1.92 0.00	59.56 2.16 0.00	111.48 3.69 0.00	98.73 3.13 0.00	64.47 1.99 0.00	50.90 1.69 0.00	46.12 1.57 0.00	45.77 1.37 0.00
ASTORIA___4 23517	37.45 1.13 0.00	34.54 1.08 0.00	41.54 1.05 0.00	38.01 1.05 0.00	35.95 0.98 0.00	40.98 0.85 0.00	59.06 0.98 0.00	76.95 2.00 0.00	94.08 2.47 0.00	45.94 1.47 0.00	47.93 1.41 0.00	44.98 1.60 0.00	45.82 1.50 0.00	45.34 1.62 0.00	43.51 1.89 0.00	43.32 1.87 0.00	49.58 1.92 0.00	59.55 2.16 0.00	111.46 3.67 0.00	98.73 3.13 0.00	64.47 1.99 0.00	50.90 1.69 0.00	46.11 1.57 0.00	45.76 1.36 0.00
ASTORIA___5 23518	37.45 1.14 0.00	34.54 1.08 0.00	41.54 1.04 0.00	38.01 1.05 0.00	35.95 0.98 0.00	40.97 0.85 0.00	59.07 0.98 0.00	76.95 2.00 0.00	94.08 2.47 0.00	45.94 1.48 0.00	47.93 1.41 0.00	44.99 1.61 0.00	45.82 1.50 0.00	45.35 1.63 0.00	43.51 1.89 0.00	43.32 1.88 0.00	49.58 1.92 0.00	59.56 2.16 0.00	111.48 3.69 0.00	98.73 3.13 0.00	64.47 1.99 0.00	50.90 1.69 0.00	46.12 1.57 0.00	45.77 1.37 0.00
AST_ENERGY_2_CC3 323677	36.71 0.40 0.01	33.87 0.42 0.01	40.70 0.21 0.01	37.37 0.41 0.01	35.39 0.43 0.01	40.36 0.23 0.00	58.34 0.26 0.00	76.07 1.12 0.00	93.00 1.39 0.00	45.33 0.87 0.00	47.22 0.70 0.00	44.29 0.91 0.00	45.12 0.80 0.00	44.63 0.91 0.00	42.83 1.21 0.00	42.61 1.16 0.00	48.82 1.16 0.00	58.76 1.36 0.00	110.18 2.39 0.00	97.65 2.04 0.00	63.72 1.24 0.00	50.02 0.80 0.00	45.47 0.93 0.00	45.13 0.73 0.00
AST_ENERGY_2_CC4 323678	36.71 0.40 0.01	33.87 0.42 0.01	40.70 0.21 0.01	37.37 0.41 0.01	35.39 0.43 0.01	40.36 0.23 0.00	58.34 0.26 0.00	76.07 1.12 0.00	93.00 1.39 0.00	45.33 0.87 0.00	47.22 0.70 0.00	44.29 0.91 0.00	45.12 0.80 0.00	44.63 0.91 0.00	42.83 1.21 0.00	42.61 1.16 0.00	48.82 1.16 0.00	58.76 1.36 0.00	110.18 2.39 0.00	97.65 2.04 0.00	63.72 1.24 0.00	50.02 0.80 0.00	45.47 0.93 0.00	45.13 0.73 0.00

ATHENS_STG_1 23668	36.84 0.53 0.00	33.97 0.51 0.00	41.06 0.57 0.00	37.44 0.48 0.00	35.41 0.44 0.00	40.47 0.34 0.00	58.47 0.39 0.00	75.69 0.74 0.00	92.62 1.02 0.00	44.97 0.51 0.00	46.97 0.45 0.00	43.99 0.62 0.00	44.90 0.58 0.00	44.35 0.62 0.00	42.30 0.68 0.00	42.11 0.67 0.00	48.40 0.74 0.00	58.29 0.89 0.00	109.28 1.49 0.00	97.11 1.50 0.00	63.53 1.05 0.00	50.01 0.80 0.00	45.21 0.66 0.00	44.90 0.50 0.00
ATHENS_STG_2 23670	36.84 0.53 0.00	33.97 0.51 0.00	41.06 0.57 0.00	37.44 0.48 0.00	35.41 0.44 0.00	40.47 0.34 0.00	58.47 0.39 0.00	75.69 0.74 0.00	92.62 1.02 0.00	44.97 0.51 0.00	46.97 0.45 0.00	43.99 0.62 0.00	44.90 0.58 0.00	44.35 0.62 0.00	42.30 0.68 0.00	42.11 0.67 0.00	48.40 0.74 0.00	58.29 0.89 0.00	109.28 1.49 0.00	97.11 1.50 0.00	63.53 1.05 0.00	50.01 0.80 0.00	45.21 0.66 0.00	44.90 0.50 0.00
ATHENS_STG_3 23677	36.84 0.53 0.00	33.97 0.51 0.00	41.06 0.57 0.00	37.44 0.48 0.00	35.41 0.44 0.00	40.47 0.34 0.00	58.47 0.39 0.00	75.69 0.74 0.00	92.62 1.02 0.00	44.97 0.51 0.00	46.97 0.45 0.00	43.99 0.62 0.00	44.90 0.58 0.00	44.35 0.62 0.00	42.30 0.68 0.00	42.11 0.67 0.00	48.40 0.74 0.00	58.29 0.89 0.00	109.28 1.49 0.00	97.11 1.50 0.00	63.53 1.05 0.00	50.01 0.80 0.00	45.21 0.66 0.00	44.90 0.50 0.00
AUBURN___LFGE 323710	36.54 0.22 0.00	33.58 0.12 0.00	40.72 0.22 0.00	37.17 0.21 0.00	35.17 0.20 0.00	40.42 0.30 0.00	58.55 0.46 0.00	75.43 0.48 0.00	91.77 0.17 0.00	44.62 0.15 0.00	46.78 0.26 0.00	44.58 0.05 -1.15	44.47 0.15 0.00	43.72 0.00 0.00	41.81 0.19 0.00	41.52 0.08 0.00	47.79 0.13 0.00	57.78 0.38 0.00	108.16 0.36 0.00	95.57 -0.03 0.00	62.37 -0.11 0.00	49.27 0.06 0.00	44.68 0.14 0.00	44.66 0.26 0.00
BABYLON_RES_REC 323704	37.51 1.20 0.00	34.59 1.13 0.00	41.52 1.03 0.00	37.70 0.74 0.00	35.18 0.22 0.00	39.97 -0.16 0.00	53.28 -0.11 4.69	72.16 0.65 3.45	78.73 0.61 13.50	43.25 0.63 1.85	46.62 0.43 0.33	43.38 0.67 0.67	44.54 0.49 0.27	43.86 0.60 0.47	41.95 0.95 0.62	41.04 0.71 1.11	46.78 0.50 1.38	50.55 0.93 7.78	95.39 0.70 13.11	85.09 0.78 11.30	55.67 0.75 7.57	44.28 0.92 5.86	43.17 1.35 2.73	51.16 1.72 -5.03
BALL_HILL_WT_PWR 323825	37.01 0.70 0.00	33.90 0.44 0.00	41.23 0.73 0.00	37.62 0.67 0.00	35.54 0.57 0.00	41.01 0.88 0.00	58.94 0.85 0.00	75.16 0.21 0.00	91.86 0.25 0.00	45.45 0.98 0.00	48.46 1.94 0.00	46.84 1.44 -2.02	46.08 1.77 0.00	45.33 1.61 0.00	43.04 1.42 0.00	42.63 1.19 0.00	48.07 0.41 0.00	56.52 -0.88 0.00	105.45 -2.35 0.00	92.11 -3.49 0.00	59.84 -2.65 0.00	47.13 -2.09 0.00	43.41 -1.13 0.00	44.34 -0.06 0.00
BARON_WINDS___WT_PWR 323822	36.05 -0.26 0.00	33.09 -0.37 0.00	40.42 -0.07 0.00	37.07 0.11 0.00	35.17 0.20 0.00	40.61 0.48 0.00	58.46 0.38 0.00	75.11 0.16 0.00	91.72 0.11 0.00	45.02 0.56 0.00	47.65 1.13 0.00	46.45 0.76 -2.31	45.17 0.85 0.00	44.59 0.86 0.00	42.38 0.76 0.00	42.00 0.55 0.00	47.77 0.11 0.00	57.15 -0.25 0.00	107.25 -0.55 0.00	94.19 -1.42 0.00	61.30 -1.19 0.00	48.27 -0.94 0.00	44.15 -0.39 0.00	44.70 0.30 0.00
BARRETT_IC_1 23704	37.59 1.27 0.00	34.65 1.19 -0.01	41.65 1.14 -0.01	37.86 0.90 -0.01	35.37 0.40 0.00	40.19 0.07 0.00	58.11 0.03 0.00	75.50 0.55 0.00	83.41 0.43 8.63	44.98 0.51 0.00	47.08 0.56 0.00	44.34 0.96 0.00	45.22 0.90 0.00	44.74 1.00 -0.02	42.95 1.33 0.00	42.55 1.11 0.00	48.69 1.03 0.00	58.86 1.47 0.00	109.42 1.63 0.00	97.15 1.55 0.00	63.66 1.17 0.00	50.48 1.26 0.00	45.82 1.28 0.00	50.64 1.43 -4.81
BARRETT_IC_10 23701	37.59 1.27 0.00	34.65 1.19 -0.01	41.65 1.14 -0.01	37.86 0.90 -0.01	35.37 0.40 0.00	40.19 0.07 0.00	58.11 0.03 0.00	75.50 0.55 0.00	83.41 0.43 8.63	44.98 0.51 0.00	47.08 0.56 0.00	44.34 0.96 0.00	45.22 0.90 0.00	44.74 1.00 -0.02	42.95 1.33 0.00	42.55 1.11 0.00	48.69 1.03 0.00	58.86 1.47 0.00	109.42 1.63 0.00	97.15 1.55 0.00	63.66 1.17 0.00	50.48 1.26 0.00	45.82 1.28 0.00	50.64 1.43 -4.81
BARRETT_IC_11 23702	37.59 1.27 0.00	34.65 1.19 -0.01	41.65 1.14 -0.01	37.86 0.90 -0.01	35.37 0.40 0.00	40.19 0.07 0.00	58.11 0.03 0.00	75.50 0.55 0.00	83.41 0.43 8.63	44.98 0.51 0.00	47.08 0.56 0.00	44.34 0.96 0.00	45.22 0.90 0.00	44.74 1.00 -0.02	42.95 1.33 0.00	42.55 1.11 0.00	48.69 1.03 0.00	58.86 1.47 0.00	109.42 1.63 0.00	97.15 1.55 0.00	63.66 1.17 0.00	50.48 1.26 0.00	45.82 1.28 0.00	50.64 1.43 -4.81
BARRETT_IC_12 23703	37.59 1.27 0.00	34.65 1.19 -0.01	41.65 1.14 -0.01	37.86 0.90 -0.01	35.37 0.40 0.00	40.19 0.07 0.00	58.11 0.03 0.00	75.50 0.55 0.00	83.41 0.43 8.63	44.98 0.51 0.00	47.08 0.56 0.00	44.34 0.96 0.00	45.22 0.90 0.00	44.74 1.00 -0.02	42.95 1.33 0.00	42.55 1.11 0.00	48.69 1.03 0.00	58.86 1.47 0.00	109.42 1.63 0.00	97.15 1.55 0.00	63.66 1.17 0.00	50.48 1.26 0.00	45.82 1.28 0.00	50.64 1.43 -4.81
BARRETT_IC_2 23705	37.59 1.27 0.00	34.65 1.19 -0.01	41.65 1.14 -0.01	37.86 0.90 -0.01	35.37 0.40 0.00	40.19 0.07 0.00	58.11 0.03 0.00	75.50 0.55 0.00	83.41 0.43 8.63	44.98 0.51 0.00	47.08 0.56 0.00	44.34 0.96 0.00	45.22 0.90 0.00	44.74 1.00 -0.02	42.95 1.33 0.00	42.55 1.11 0.00	48.69 1.03 0.00	58.86 1.47 0.00	109.42 1.63 0.00	97.15 1.55 0.00	63.66 1.17 0.00	50.48 1.26 0.00	45.82 1.28 0.00	50.64 1.43 -4.81
BARRETT_IC_3 23706	37.59 1.27 0.00	34.65 1.19 -0.01	41.65 1.14 -0.01	37.86 0.90 -0.01	35.37 0.40 0.00	40.19 0.07 0.00	58.11 0.03 0.00	75.50 0.55 0.00	83.41 0.43 8.63	44.98 0.51 0.00	47.08 0.56 0.00	44.34 0.96 0.00	45.22 0.90 0.00	44.74 1.00 -0.02	42.95 1.33 0.00	42.55 1.11 0.00	48.69 1.03 0.00	58.86 1.47 0.00	109.42 1.63 0.00	97.15 1.55 0.00	63.66 1.17 0.00	50.48 1.26 0.00	45.82 1.28 0.00	50.64 1.43 -4.81
BARRETT_IC_4 23707	37.59 1.27 0.00	34.65 1.19 -0.01	41.65 1.14 -0.01	37.86 0.90 -0.01	35.37 0.40 0.00	40.19 0.07 0.00	58.11 0.03 0.00	75.50 0.55 0.00	83.41 0.43 8.63	44.98 0.51 0.00	47.08 0.56 0.00	44.34 0.96 0.00	45.22 0.90 0.00	44.74 1.00 -0.02	42.95 1.33 0.00	42.55 1.11 0.00	48.69 1.03 0.00	58.86 1.47 0.00	109.42 1.63 0.00	97.15 1.55 0.00	63.66 1.17 0.00	50.48 1.26 0.00	45.82 1.28 0.00	50.64 1.43 -4.81
BARRETT_IC_5 23708	37.59 1.27 0.00	34.65 1.19 -0.01	41.65 1.14 -0.01	37.86 0.90 -0.01	35.37 0.40 0.00	40.19 0.07 0.00	58.11 0.03 0.00	75.50 0.55 0.00	83.41 0.43 8.63	44.98 0.51 0.00	47.08 0.56 0.00	44.34 0.96 0.00	45.22 0.90 0.00	44.74 1.00 -0.02	42.95 1.33 0.00	42.55 1.11 0.00	48.69 1.03 0.00	58.86 1.47 0.00	109.42 1.63 0.00	97.15 1.55 0.00	63.66 1.17 0.00	50.48 1.26 0.00	45.82 1.28 0.00	50.64 1.43 -4.81

BARRETT_IC_6 23709	37.59 1.27 0.00	34.65 1.19 -0.01	41.65 1.14 -0.01	37.86 0.90 -0.01	35.37 0.40 0.00	40.19 0.07 0.00	58.11 0.03 0.00	75.50 0.55 0.00	83.41 0.43 8.63	44.98 0.51 0.00	47.08 0.56 0.00	44.34 0.96 0.00	45.22 0.90 0.00	44.74 1.00 -0.02	42.95 1.33 0.00	42.55 1.11 0.00	48.69 1.03 0.00	58.86 1.47 0.00	109.42 1.63 0.00	97.15 1.55 0.00	63.66 1.17 0.00	50.48 1.26 0.00	45.82 1.28 0.00	50.64 1.43 -4.81
BARRETT_IC_7 23710	37.58 1.27 0.00	34.64 1.19 0.00	41.64 1.14 0.00	37.86 0.90 0.00	35.36 0.39 0.00	40.19 0.07 0.00	58.11 0.03 0.00	75.49 0.55 0.00	83.39 0.40 8.63	44.97 0.51 0.00	47.07 0.55 0.00	44.33 0.95 0.00	45.21 0.89 0.00	44.74 1.00 -0.02	42.94 1.32 0.00	42.56 1.11 0.00	48.69 1.03 0.00	58.86 1.47 0.00	109.40 1.61 0.00	97.15 1.55 0.00	63.66 1.18 0.00	50.48 1.26 0.00	45.82 1.28 0.00	50.66 1.45 -4.81
BARRETT_IC_8 23711	37.59 1.27 0.00	34.65 1.19 -0.01	41.65 1.14 -0.01	37.86 0.90 -0.01	35.37 0.40 0.00	40.19 0.07 0.00	58.11 0.03 0.00	75.50 0.55 0.00	83.41 0.43 8.63	44.98 0.51 0.00	47.08 0.56 0.00	44.34 0.96 0.00	45.22 0.90 0.00	44.74 1.00 -0.02	42.95 1.33 0.00	42.55 1.11 0.00	48.69 1.03 0.00	58.86 1.47 0.00	109.42 1.63 0.00	97.15 1.55 0.00	63.66 1.17 0.00	50.48 1.26 0.00	45.82 1.28 0.00	50.64 1.43 -4.81
BARRETT_IC_9 23700	37.59 1.27 0.00	34.65 1.19 -0.01	41.65 1.14 -0.01	37.86 0.90 -0.01	35.37 0.40 0.00	40.19 0.07 0.00	58.11 0.03 0.00	75.50 0.55 0.00	83.41 0.43 8.63	44.98 0.51 0.00	47.08 0.56 0.00	44.34 0.96 0.00	45.22 0.90 0.00	44.74 1.00 -0.02	42.95 1.33 0.00	42.55 1.11 0.00	48.69 1.03 0.00	58.86 1.47 0.00	109.42 1.63 0.00	97.15 1.55 0.00	63.66 1.17 0.00	50.48 1.26 0.00	45.82 1.28 0.00	50.64 1.43 -4.81
BARRETT___1 23545	37.59 1.27 0.00	34.65 1.19 -0.01	41.65 1.14 -0.01	37.86 0.90 -0.01	35.37 0.40 0.00	40.19 0.07 0.00	58.11 0.03 0.00	75.50 0.55 0.00	83.41 0.43 8.63	44.98 0.51 0.00	47.08 0.56 0.00	44.34 0.96 0.00	45.22 0.90 0.00	44.74 1.00 -0.02	42.95 1.33 0.00	42.55 1.11 0.00	48.69 1.03 0.00	58.86 1.47 0.00	109.42 1.63 0.00	97.15 1.55 0.00	63.66 1.17 0.00	50.48 1.26 0.00	45.82 1.28 0.00	50.64 1.43 -4.81
BARRETT___2 23546	37.59 1.27 0.00	34.65 1.19 -0.01	41.65 1.14 -0.01	37.86 0.90 -0.01	35.37 0.40 0.00	40.19 0.07 0.00	58.11 0.03 0.00	75.50 0.55 0.00	83.41 0.43 8.63	44.98 0.51 0.00	47.08 0.56 0.00	44.34 0.96 0.00	45.22 0.90 0.00	44.74 1.00 -0.02	42.95 1.33 0.00	42.55 1.11 0.00	48.69 1.03 0.00	58.86 1.47 0.00	109.42 1.63 0.00	97.15 1.55 0.00	63.66 1.17 0.00	50.48 1.26 0.00	45.82 1.28 0.00	50.64 1.43 -4.81
BATAVIA__115KV_TB1 55881	37.50 1.19 0.00	34.37 0.91 0.00	41.68 1.18 0.00	38.05 1.09 0.00	36.00 1.03 0.00	41.49 1.36 0.00	59.95 1.86 0.00	76.56 1.61 0.00	93.57 1.96 0.00	46.33 1.86 0.00	49.18 2.66 0.00	47.59 1.88 -2.34	46.35 2.03 0.00	45.68 1.96 0.00	43.42 1.80 0.00	42.96 1.52 0.00	48.63 0.97 0.00	57.37 -0.02 0.00	106.88 -0.91 0.00	93.51 -2.09 0.00	60.78 -1.71 0.00	47.90 -1.31 0.00	44.10 -0.44 0.00	45.29 0.88 0.00
BAYONEEC___CTG1 323682	37.56 1.25 0.00	34.62 1.16 0.00	41.68 1.18 0.00	38.02 1.06 0.00	35.93 0.96 0.00	41.03 0.90 0.00	59.23 1.15 0.00	77.11 2.16 0.00	94.25 2.64 0.00	45.95 1.49 0.00	47.97 1.45 0.00	45.00 1.62 0.00	45.84 1.52 0.00	45.35 1.63 0.00	43.48 1.86 0.00	43.31 1.87 0.00	49.63 1.97 0.00	59.70 2.31 0.00	111.78 3.98 0.00	98.97 3.37 0.00	64.60 2.12 0.00	50.98 1.77 0.00	46.16 1.62 0.00	45.83 1.43 0.00
BAYONEEC___CTG10 323750	37.56 1.25 0.00	34.62 1.16 0.00	41.68 1.18 0.00	38.02 1.06 0.00	35.93 0.96 0.00	41.03 0.90 0.00	59.23 1.15 0.00	77.11 2.16 0.00	94.25 2.64 0.00	45.95 1.49 0.00	47.97 1.45 0.00	45.00 1.62 0.00	45.84 1.52 0.00	45.35 1.63 0.00	43.48 1.86 0.00	43.31 1.87 0.00	49.63 1.97 0.00	59.70 2.31 0.00	111.78 3.98 0.00	98.97 3.37 0.00	64.60 2.12 0.00	50.98 1.77 0.00	46.16 1.62 0.00	45.83 1.43 0.00
BAYONEEC___CTG2 323683	37.56 1.25 0.00	34.62 1.16 0.00	41.68 1.18 0.00	38.02 1.06 0.00	35.93 0.96 0.00	41.03 0.90 0.00	59.23 1.15 0.00	77.11 2.16 0.00	94.25 2.64 0.00	45.95 1.49 0.00	47.97 1.45 0.00	45.00 1.62 0.00	45.84 1.52 0.00	45.35 1.63 0.00	43.48 1.86 0.00	43.31 1.87 0.00	49.63 1.97 0.00	59.70 2.31 0.00	111.78 3.98 0.00	98.97 3.37 0.00	64.60 2.12 0.00	50.98 1.77 0.00	46.16 1.62 0.00	45.83 1.43 0.00
BAYONEEC___CTG3 323684	37.56 1.25 0.00	34.62 1.16 0.00	41.68 1.18 0.00	38.02 1.06 0.00	35.93 0.96 0.00	41.03 0.90 0.00	59.23 1.15 0.00	77.11 2.16 0.00	94.25 2.64 0.00	45.95 1.49 0.00	47.97 1.45 0.00	45.00 1.62 0.00	45.84 1.52 0.00	45.35 1.63 0.00	43.48 1.86 0.00	43.31 1.87 0.00	49.63 1.97 0.00	59.70 2.31 0.00	111.78 3.98 0.00	98.97 3.37 0.00	64.60 2.12 0.00	50.98 1.77 0.00	46.16 1.62 0.00	45.83 1.43 0.00
BAYONEEC___CTG4 323685	37.56 1.25 0.00	34.62 1.16 0.00	41.68 1.18 0.00	38.02 1.06 0.00	35.93 0.96 0.00	41.03 0.90 0.00	59.23 1.15 0.00	77.11 2.16 0.00	94.25 2.64 0.00	45.95 1.49 0.00	47.97 1.45 0.00	45.00 1.62 0.00	45.84 1.52 0.00	45.35 1.63 0.00	43.48 1.86 0.00	43.31 1.87 0.00	49.63 1.97 0.00	59.70 2.31 0.00	111.78 3.98 0.00	98.97 3.37 0.00	64.60 2.12 0.00	50.98 1.77 0.00	46.16 1.62 0.00	45.83 1.43 0.00
BAYONEEC___CTG5 323686	37.56 1.25 0.00	34.62 1.16 0.00	41.68 1.18 0.00	38.02 1.06 0.00	35.93 0.96 0.00	41.03 0.90 0.00	59.23 1.15 0.00	77.11 2.16 0.00	94.25 2.64 0.00	45.95 1.49 0.00	47.97 1.45 0.00	45.00 1.62 0.00	45.84 1.52 0.00	45.35 1.63 0.00	43.48 1.86 0.00	43.31 1.87 0.00	49.63 1.97 0.00	59.70 2.31 0.00	111.78 3.98 0.00	98.97 3.37 0.00	64.60 2.12 0.00	50.98 1.77 0.00	46.16 1.62 0.00	45.83 1.43 0.00
BAYONEEC___CTG6 323687	37.56 1.25 0.00	34.62 1.16 0.00	41.68 1.18 0.00	38.02 1.06 0.00	35.93 0.96 0.00	41.03 0.90 0.00	59.23 1.15 0.00	77.11 2.16 0.00	94.25 2.64 0.00	45.95 1.49 0.00	47.97 1.45 0.00	45.00 1.62 0.00	45.84 1.52 0.00	45.35 1.63 0.00	43.48 1.86 0.00	43.31 1.87 0.00	49.63 1.97 0.00	59.70 2.31 0.00	111.78 3.98 0.00	98.97 3.37 0.00	64.60 2.12 0.00	50.98 1.77 0.00	46.16 1.62 0.00	45.83 1.43 0.00
BAYONEEC___CTG7 323688	37.56 1.25 0.00	34.62 1.16 0.00	41.68 1.18 0.00	38.02 1.06 0.00	35.93 0.96 0.00	41.03 0.90 0.00	59.23 1.15 0.00	77.11 2.16 0.00	94.25 2.64 0.00	45.95 1.49 0.00	47.97 1.45 0.00	45.00 1.62 0.00	45.84 1.52 0.00	45.35 1.63 0.00	43.48 1.86 0.00	43.31 1.87 0.00	49.63 1.97 0.00	59.70 2.31 0.00	111.78 3.98 0.00	98.97 3.37 0.00	64.60 2.12 0.00	50.98 1.77 0.00	46.16 1.62 0.00	45.83 1.43 0.00

BAYONEEC___CTG8 323689	37.56 1.25 0.00	34.62 1.16 0.00	41.68 1.18 0.00	38.02 1.06 0.00	35.93 0.96 0.00	41.03 0.90 0.00	59.23 1.15 0.00	77.11 2.16 0.00	94.25 2.64 0.00	45.95 1.49 0.00	47.97 1.45 0.00	45.00 1.62 0.00	45.84 1.52 0.00	45.35 1.63 0.00	43.48 1.86 0.00	43.31 1.87 0.00	49.63 1.97 0.00	59.70 2.31 0.00	111.78 3.98 0.00	98.97 3.37 0.00	64.60 2.12 0.00	50.98 1.77 0.00	46.16 1.62 0.00	45.83 1.43 0.00
BAYONEEC___CTG9 323749	37.56 1.25 0.00	34.62 1.16 0.00	41.68 1.18 0.00	38.02 1.06 0.00	35.93 0.96 0.00	41.03 0.90 0.00	59.23 1.15 0.00	77.11 2.16 0.00	94.25 2.64 0.00	45.95 1.49 0.00	47.97 1.45 0.00	45.00 1.62 0.00	45.84 1.52 0.00	45.35 1.63 0.00	43.48 1.86 0.00	43.31 1.87 0.00	49.63 1.97 0.00	59.70 2.31 0.00	111.78 3.98 0.00	98.97 3.37 0.00	64.60 2.12 0.00	50.98 1.77 0.00	46.16 1.62 0.00	45.83 1.43 0.00
BEACON___LESR 323632	36.57 0.25 0.00	33.82 0.37 0.00	40.86 0.36 0.00	37.25 0.30 0.00	35.27 0.30 0.00	40.43 0.30 0.00	58.56 0.48 0.00	75.55 0.60 0.00	92.53 0.93 0.00	44.46 -0.01 0.00	46.46 -0.06 0.00	43.21 -0.16 0.00	44.45 0.13 0.00	43.78 0.05 0.00	41.74 0.12 0.00	41.61 0.17 0.00	48.10 0.44 0.00	58.13 0.73 0.00	109.21 1.42 0.00	96.96 1.35 0.00	63.42 0.94 0.00	49.87 0.66 0.00	45.05 0.51 0.00	44.72 0.32 0.00
BEAVER RIVER___HYD 24048	37.82 1.51 0.00	34.84 1.38 0.00	42.36 1.86 0.00	38.82 1.86 0.00	36.78 1.81 0.00	42.29 2.16 0.00	61.75 3.67 0.00	79.75 4.80 0.00	96.88 5.26 0.00	46.51 2.05 0.00	47.56 1.04 0.00	43.92 0.54 0.00	44.45 0.13 0.00	43.92 0.20 0.00	41.70 0.08 0.00	41.74 0.30 0.00	48.28 0.62 0.00	59.35 1.95 0.00	112.86 5.07 0.00	99.86 4.26 0.00	65.44 2.96 0.00	51.77 2.55 0.00	46.63 2.08 0.00	46.41 2.01 0.00
BEEBEE_GT_13 23619	36.68 0.36 0.00	33.68 0.22 0.00	40.80 0.30 0.00	37.23 0.27 0.00	35.22 0.25 0.00	40.58 0.45 0.00	58.79 0.71 0.00	75.41 0.46 0.00	92.11 0.50 0.00	45.26 0.79 0.00	47.76 1.24 0.00	46.79 0.88 -2.54	45.43 1.11 0.00	44.75 1.02 0.00	42.53 0.91 0.00	42.17 0.73 0.00	48.09 0.43 0.00	57.23 -0.17 0.00	107.00 -0.80 0.00	94.02 -1.59 0.00	61.21 -1.27 0.00	48.22 -0.99 0.00	44.00 -0.54 0.00	44.60 0.19 0.00
BENSHRST_27_KV_BENSHRST_1 355998	37.74 1.42 0.00	34.77 1.31 0.00	41.81 1.31 0.00	38.20 1.24 0.00	36.12 1.16 0.00	41.23 1.10 0.00	59.49 1.40 0.00	77.64 2.69 0.00	94.91 3.30 0.00	46.33 1.86 0.00	48.32 1.80 0.00	45.30 1.92 0.00	46.15 1.83 0.00	45.71 1.98 0.00	43.89 2.26 0.00	43.69 2.24 0.00	50.00 2.34 0.00	60.09 2.70 0.00	112.47 4.67 0.00	99.62 4.01 0.00	65.10 2.62 0.00	51.42 2.21 0.00	46.54 2.00 0.00	46.16 1.76 0.00
BETHLEHEM___GRP 23843	36.00 -0.32 0.00	33.26 -0.20 0.00	40.10 -0.40 0.00	36.60 -0.37 0.00	34.70 -0.27 0.00	39.64 -0.49 0.00	57.25 -0.83 0.00	74.08 -0.87 0.00	90.71 -0.90 0.00	43.84 -0.62 0.00	45.71 -0.81 0.00	42.71 -0.66 0.00	43.78 -0.54 0.00	43.21 -0.52 0.00	41.19 -0.43 0.00	41.00 -0.44 0.00	47.29 -0.37 0.00	57.10 -0.29 0.00	107.19 -0.60 0.00	95.20 -0.40 0.00	62.33 -0.15 0.00	49.06 -0.16 0.00	44.33 -0.21 0.00	44.01 -0.39 0.00
BETHLEHEM___GS1 323560	36.00 -0.32 0.00	33.26 -0.20 0.00	40.10 -0.40 0.00	36.60 -0.37 0.00	34.70 -0.27 0.00	39.64 -0.49 0.00	57.25 -0.83 0.00	74.08 -0.87 0.00	90.70 -0.90 0.00	43.84 -0.62 0.00	45.71 -0.81 0.00	42.72 -0.65 0.00	43.79 -0.53 0.00	43.21 -0.51 0.00	41.19 -0.43 0.00	41.00 -0.44 0.00	47.29 -0.37 0.00	57.10 -0.29 0.00	107.19 -0.60 0.00	95.20 -0.40 0.00	62.33 -0.15 0.00	49.06 -0.16 0.00	44.33 -0.21 0.00	44.01 -0.39 0.00
BETHLEHEM___GS2 323561	36.00 -0.32 0.00	33.26 -0.20 0.00	40.10 -0.40 0.00	36.60 -0.37 0.00	34.70 -0.27 0.00	39.64 -0.49 0.00	57.25 -0.83 0.00	74.08 -0.87 0.00	90.70 -0.90 0.00	43.84 -0.62 0.00	45.71 -0.81 0.00	42.72 -0.65 0.00	43.79 -0.53 0.00	43.21 -0.51 0.00	41.19 -0.43 0.00	41.00 -0.44 0.00	47.29 -0.37 0.00	57.10 -0.29 0.00	107.19 -0.60 0.00	95.20 -0.40 0.00	62.33 -0.15 0.00	49.06 -0.16 0.00	44.33 -0.21 0.00	44.01 -0.39 0.00
BETHLEHEM___GS3 323562	36.00 -0.32 0.00	33.26 -0.20 0.00	40.10 -0.40 0.00	36.60 -0.37 0.00	34.70 -0.27 0.00	39.64 -0.49 0.00	57.25 -0.83 0.00	74.08 -0.87 0.00	90.70 -0.90 0.00	43.84 -0.62 0.00	45.71 -0.81 0.00	42.72 -0.65 0.00	43.79 -0.53 0.00	43.21 -0.51 0.00	41.19 -0.43 0.00	41.00 -0.44 0.00	47.29 -0.37 0.00	57.10 -0.29 0.00	107.19 -0.60 0.00	95.20 -0.40 0.00	62.33 -0.15 0.00	49.06 -0.16 0.00	44.33 -0.21 0.00	44.01 -0.39 0.00
BETHLEHEM___STEEL 23779	36.94 0.62 0.00	33.84 0.39 0.00	41.13 0.63 0.00	37.55 0.59 0.00	35.48 0.51 0.00	40.96 0.83 0.00	58.92 0.84 0.00	74.99 0.04 0.00	91.62 0.01 0.00	45.49 1.02 0.00	48.45 1.93 0.00	46.82 1.40 -2.04	46.10 1.78 0.00	45.33 1.61 0.00	43.01 1.39 0.00	42.57 1.13 0.00	48.00 0.34 0.00	56.28 -1.12 0.00	104.71 -3.08 0.00	91.45 -4.16 0.00	59.44 -3.05 0.00	46.86 -2.36 0.00	43.25 -1.29 0.00	44.58 0.18 0.00
BETHLHEM_115KV_TB1 79974	36.12 -0.20 0.00	33.37 -0.09 0.00	40.23 -0.26 0.00	36.72 -0.24 0.00	34.81 -0.16 0.00	39.78 -0.35 0.00	57.48 -0.61 0.00	74.35 -0.60 0.00	90.99 -0.62 0.00	44.00 -0.46 0.00	45.89 -0.63 0.00	42.90 -0.48 0.00	43.95 -0.37 0.00	43.37 -0.35 0.00	41.35 -0.27 0.00	41.16 -0.29 0.00	47.46 -0.20 0.00	57.28 -0.12 0.00	107.52 -0.27 0.00	95.43 -0.17 0.00	62.51 0.03 0.00	49.21 0.00 0.00	44.47 -0.07 0.00	44.16 -0.24 0.00
BETHPAGE_CC_5 323564	37.46 1.15 0.00	34.58 1.12 0.00	41.52 1.03 0.00	37.71 0.75 0.00	35.16 0.19 0.00	39.96 -0.17 0.00	54.56 -0.19 3.34	73.00 0.48 2.44	80.74 0.48 11.35	43.89 0.60 1.17	46.88 0.59 0.23	43.78 0.85 0.45	44.87 0.72 0.17	44.28 0.82 0.26	42.59 1.30 0.32	41.85 1.14 0.73	47.91 1.06 0.81	54.15 1.60 4.84	101.54 1.96 8.21	90.28 1.80 7.14	58.88 1.25 4.85	46.61 1.19 3.79	44.22 1.26 1.58	51.40 1.65 -5.35
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	36.98 0.66 0.00	33.88 0.42 0.00	41.18 0.68 0.00	37.59 0.63 0.00	35.52 0.55 0.00	41.02 0.89 0.00	59.01 0.93 0.00	75.14 0.19 0.00	91.84 0.23 0.00	45.58 1.11 0.00	48.53 2.01 0.00	46.91 1.49 -2.05	46.18 1.86 0.00	45.42 1.70 0.00	43.08 1.47 0.00	42.65 1.21 0.00	48.09 0.43 0.00	56.41 -0.98 0.00	104.99 -2.80 0.00	91.68 -3.93 0.00	59.58 -2.90 0.00	46.97 -2.24 0.00	43.34 -1.20 0.00	44.65 0.25 0.00
BINGHAMTON___COGEN 23790	36.54 0.23 0.00	33.58 0.12 0.00	40.81 0.31 0.00	37.24 0.28 0.00	35.22 0.25 0.00	40.43 0.31 0.00	58.28 0.20 0.00	75.18 0.22 0.00	91.95 0.35 0.00	44.79 0.32 0.00	47.08 0.56 0.00	47.41 0.54 -3.49	44.88 0.57 0.00	44.25 0.53 0.00	42.09 0.47 0.00	41.81 0.36 0.00	47.88 0.22 0.00	57.69 0.30 0.00	108.42 0.63 0.00	95.76 0.15 0.00	62.48 0.00 0.00	49.21 0.00 0.00	44.71 0.17 0.00	44.72 0.32 0.00

BIXINCNT_115KV_LOAD 355685	37.23 0.91 0.00	34.13 0.67 0.00	41.53 1.03 0.00	38.04 1.08 0.00	35.95 0.98 0.00	41.42 1.29 0.00	59.58 1.50 0.00	76.14 1.19 0.00	93.15 1.54 0.00	46.10 1.64 0.00	49.12 2.59 0.00	47.52 2.08 -2.07	46.83 2.51 0.00	45.89 2.16 0.00	43.51 1.89 0.00	43.05 1.61 0.00	48.54 0.88 0.00	57.14 -0.25 0.00	106.56 -1.24 0.00	93.08 -2.52 0.00	60.47 -2.01 0.00	47.66 -1.56 0.00	43.83 -0.71 0.00	44.97 0.57 0.00
BLACK RIVER___HYD 24047	38.00 1.68 0.00	34.99 1.53 0.00	42.65 2.15 0.00	39.14 2.18 0.00	37.13 2.16 0.00	42.77 2.64 0.00	62.62 4.53 0.00	80.95 6.00 0.00	98.27 6.66 0.00	46.87 2.40 0.00	47.42 0.90 0.00	43.66 0.28 0.00	44.20 -0.12 0.00	43.65 -0.07 0.00	41.43 -0.19 0.00	41.54 0.10 0.00	48.32 0.66 0.00	59.72 2.33 0.00	114.31 6.52 0.00	100.97 5.36 0.00	65.98 3.50 0.00	52.17 2.95 0.00	46.94 2.40 0.00	46.73 2.33 0.00
BLACKRVR_115KV_TB2 79977	38.00 1.68 0.00	34.99 1.53 0.00	42.65 2.15 0.00	39.14 2.18 0.00	37.12 2.16 0.00	42.77 2.64 0.00	62.62 4.53 0.00	80.95 6.00 0.00	98.27 6.66 0.00	46.87 2.41 0.00	47.42 0.90 0.00	43.67 0.29 0.00	44.20 -0.12 0.00	43.65 -0.07 0.00	41.43 -0.19 0.00	41.54 0.10 0.00	48.32 0.66 0.00	59.72 2.32 0.00	114.31 6.52 0.00	100.97 5.36 0.00	65.98 3.50 0.00	52.17 2.95 0.00	46.95 2.40 0.00	46.73 2.33 0.00
BLDWN_LI_69_KV_BK4 356085	37.73 1.41 0.00	34.78 1.32 0.00	41.79 1.29 0.00	37.97 1.01 0.00	35.48 0.51 0.00	40.35 0.23 0.00	57.81 0.26 0.54	75.53 1.02 0.44	84.82 1.11 7.90	45.17 0.94 0.23	47.31 0.86 0.06	44.38 1.12 0.12	45.30 1.01 0.03	44.82 1.12 0.02	43.14 1.52 0.00	42.83 1.38 0.00	49.00 1.42 0.08	58.44 1.99 0.94	108.52 2.58 1.85	96.35 2.48 1.73	62.96 1.82 1.34	49.77 1.68 1.12	46.12 1.65 0.08	52.25 1.85 -6.00
BLISS_WT_PWR 323608	37.22 0.90 0.00	34.12 0.67 0.00	41.53 1.03 0.00	38.07 1.11 0.00	35.98 1.01 0.00	41.45 1.32 0.00	59.63 1.55 0.00	76.24 1.29 0.00	93.24 1.63 0.00	46.17 1.70 0.00	49.18 2.66 0.00	47.52 2.07 -2.07	46.85 2.53 0.00	45.91 2.19 0.00	43.55 1.93 0.00	43.09 1.64 0.00	48.58 0.92 0.00	57.19 -0.20 0.00	106.59 -1.20 0.00	93.14 -2.47 0.00	60.52 -1.97 0.00	47.70 -1.52 0.00	43.85 -0.69 0.00	44.98 0.58 0.00
BLUESTONE___WT_PWR 323821	36.08 -0.23 0.00	33.48 0.03 0.00	41.01 0.52 0.00	37.40 0.44 0.00	35.56 0.59 0.00	40.87 0.74 0.00	59.54 1.46 0.00	77.01 2.06 0.00	93.97 2.36 0.00	45.97 1.51 0.00	48.37 1.85 0.00	70.73 2.09 -25.27	45.88 1.56 0.00	45.07 1.35 0.00	43.02 1.40 0.00	42.44 1.00 0.00	48.91 1.25 0.00	59.43 2.03 0.00	111.23 3.44 0.00	98.16 2.56 0.00	64.44 1.96 0.00	51.15 1.93 0.00	46.58 2.04 0.00	46.46 2.06 0.00
BLUE_CIRC_CHEM_DRP 24182	36.64 0.33 0.00	33.82 0.36 0.00	40.82 0.32 0.00	37.27 0.31 0.00	35.30 0.33 0.00	40.42 0.29 0.00	58.39 0.31 0.00	75.43 0.48 0.00	92.03 0.42 0.00	44.27 -0.19 0.00	46.18 -0.34 0.00	43.15 -0.23 0.00	44.32 0.00 0.00	43.66 -0.06 0.00	41.57 -0.05 0.00	41.43 -0.02 0.00	47.95 0.29 0.00	57.97 0.58 0.00	108.86 1.07 0.00	96.66 1.06 0.00	63.29 0.81 0.00	49.81 0.59 0.00	45.04 0.50 0.00	44.77 0.36 0.00
BOC_GAS_DRP 24189	36.46 0.15 0.00	33.64 0.18 0.00	40.64 0.14 0.00	37.08 0.12 0.00	35.10 0.13 0.00	40.16 0.03 0.00	58.01 -0.08 0.00	75.00 0.05 0.00	91.79 0.18 0.00	44.48 0.02 0.00	46.44 -0.07 0.00	43.44 0.07 0.00	44.43 0.11 0.00	43.85 0.13 0.00	41.79 0.17 0.00	41.59 0.15 0.00	47.87 0.22 0.00	57.72 0.32 0.00	108.24 0.45 0.00	96.15 0.55 0.00	62.95 0.46 0.00	49.56 0.35 0.00	44.81 0.27 0.00	44.54 0.14 0.00
BOONVILLE_115KV_TB1 79983	37.52 1.20 0.00	34.55 1.09 0.00	41.91 1.41 0.00	38.35 1.39 0.00	36.28 1.31 0.00	41.73 1.60 0.00	60.79 2.70 0.00	78.45 3.50 0.00	95.67 4.06 0.00	46.14 1.67 0.00	47.83 1.31 0.00	44.26 0.89 0.00	44.74 0.43 0.00	44.19 0.47 0.00	42.03 0.41 0.00	42.02 0.58 0.00	48.54 0.88 0.00	59.14 1.74 0.00	111.86 4.07 0.00	99.01 3.41 0.00	64.80 2.31 0.00	51.09 1.88 0.00	46.11 1.57 0.00	45.88 1.48 0.00
BORALEX_4TH_BRANCH 23824	36.70 0.39 0.00	33.88 0.42 0.00	40.89 0.39 0.00	37.26 0.30 0.00	35.28 0.31 0.00	40.45 0.32 0.00	58.66 0.58 0.00	76.03 1.08 0.00	93.14 1.53 0.00	44.68 0.21 0.00	46.52 0.00 0.00	43.40 0.03 0.00	44.46 0.14 0.00	43.90 0.18 0.00	41.84 0.22 0.00	41.77 0.32 0.00	48.41 0.75 0.00	58.59 1.19 0.00	110.07 2.27 0.00	98.04 2.44 0.00	64.20 1.72 0.00	50.47 1.26 0.00	45.63 1.09 0.00	45.23 0.83 0.00
BOWLINE___1 23526	37.29 0.97 0.00	34.35 0.89 0.00	41.46 0.96 0.00	37.79 0.83 0.00	35.70 0.73 0.00	40.79 0.66 0.00	59.13 1.05 0.00	76.81 1.87 0.00	93.85 2.24 0.00	45.52 1.06 0.00	47.58 1.06 0.00	44.59 1.21 0.00	45.43 1.12 0.00	44.95 1.22 0.00	43.02 1.39 0.00	42.79 1.35 0.00	49.14 1.48 0.00	59.29 1.90 0.00	111.30 3.51 0.00	98.60 3.00 0.00	64.32 1.83 0.00	50.70 1.49 0.00	45.88 1.34 0.00	45.56 1.16 0.00
BOWLINE___2 23595	37.27 0.96 0.00	34.33 0.88 0.00	41.45 0.95 0.00	37.79 0.83 0.00	35.69 0.73 0.00	40.78 0.65 0.00	59.13 1.05 0.00	76.79 1.84 0.00	93.85 2.24 0.00	45.52 1.05 0.00	47.57 1.05 0.00	44.59 1.21 0.00	45.43 1.11 0.00	44.94 1.21 0.00	43.01 1.39 0.00	42.78 1.34 0.00	49.13 1.47 0.00	59.28 1.89 0.00	111.27 3.48 0.00	98.58 2.97 0.00	64.31 1.83 0.00	50.68 1.47 0.00	45.87 1.33 0.00	45.55 1.15 0.00
BRADY___115KV_TB2 356060	37.63 1.31 0.00	34.65 1.19 0.00	41.96 1.46 0.00	38.34 1.38 0.00	36.25 1.28 0.00	41.72 1.59 0.00	60.69 2.61 0.00	78.10 3.15 0.00	94.75 3.14 0.00	45.58 1.11 0.00	47.59 1.07 0.00	44.26 0.89 0.00	45.26 0.94 0.00	44.64 0.92 0.00	42.41 0.79 0.00	42.27 0.82 0.00	48.77 1.11 0.00	58.90 1.50 0.00	111.23 3.43 0.00	98.97 3.36 0.00	64.82 2.34 0.00	51.10 1.89 0.00	46.14 1.59 0.00	45.95 1.55 0.00
BRANSCOMB___SOLAR 323811	37.28 0.97 0.00	34.40 0.94 0.00	41.59 1.09 0.00	37.89 0.93 0.00	35.87 0.90 0.00	41.13 1.01 0.00	59.73 1.64 0.00	77.34 2.39 0.00	94.19 2.58 0.00	44.82 0.36 0.00	46.63 0.11 0.00	42.67 0.02 0.72	44.72 0.40 0.00	44.12 0.39 0.00	42.02 0.40 0.00	42.01 0.57 0.00	48.79 1.13 0.00	59.23 1.84 0.00	111.55 3.76 0.00	99.18 3.58 0.00	64.89 2.40 0.00	50.99 1.77 0.00	46.05 1.51 0.00	45.63 1.22 0.00
BRDGHMPT_69_KV_BK1 55812	36.53 0.21 0.00	33.70 0.25 0.00	40.41 -0.09 0.00	36.73 -0.23 0.00	34.26 -0.71 0.00	38.88 -1.24 0.00	48.43 -1.79 7.87	64.52 -1.44 8.99	42.67 -2.09 46.85	23.62 -0.72 20.13	43.79 -1.12 1.61	38.46 -0.44 4.47	40.87 -0.49 2.97	35.36 -0.38 7.98	29.02 0.25 12.85	39.48 0.58 2.54	44.46 1.13 4.33	38.20 2.52 21.72	75.71 3.48 35.57	68.65 3.05 30.00	45.29 2.03 19.22	36.77 2.00 14.44	37.75 2.12 8.91	51.36 2.53 -4.43

BRENTWOD_69_KV_W. BRTWOOD 56703	37.54 1.22 0.00	34.60 1.14 0.00	41.51 1.01 0.00	37.68 0.72 0.00	35.11 0.14 0.00	39.86 -0.26 0.00	47.44 -0.16 10.48	68.05 0.60 7.50	72.17 0.47 19.91	41.32 0.60 3.75	46.21 0.34 0.64	42.60 0.53 1.31	44.14 0.37 0.54	43.25 0.52 1.00	41.70 1.45 1.37	39.62 1.29 3.11	44.13 0.97 4.50	36.21 1.77 22.95	72.23 2.09 37.65	65.64 1.89 31.85	43.23 1.27 20.53	34.96 1.23 15.48	36.66 1.35 9.23	50.80 1.82 -4.58
BRISTLHL_115KV_TB1 79998	35.64 -0.67 0.00	32.79 -0.66 0.00	39.73 -0.77 0.00	36.27 -0.69 0.00	34.32 -0.65 0.00	39.39 -0.74 0.00	57.03 -1.05 0.00	73.62 -1.33 0.00	90.00 -1.60 0.00	43.69 -0.78 0.00	45.65 -0.87 0.00	42.47 -0.90 0.00	43.46 -0.86 0.00	42.86 -0.86 0.00	40.77 -0.84 0.00	40.60 -0.85 0.00	46.72 -0.94 0.00	56.30 -1.09 0.00	105.89 -1.90 0.00	93.73 -1.88 0.00	61.18 -1.31 0.00	48.20 -1.01 0.00	43.66 -0.88 0.00	43.60 -0.80 0.00
BROOKHAVEN___DRP 24191	37.03 0.72 0.00	34.16 0.71 0.00	40.93 0.43 0.00	37.19 0.23 0.00	34.68 -0.28 0.00	39.32 -0.81 0.00	49.16 -1.25 7.68	65.26 -0.82 8.87	43.53 -1.33 46.75	24.10 -0.23 20.13	44.37 -0.54 1.61	38.70 -0.21 4.46	40.96 -0.39 2.97	35.49 -0.25 7.99	29.12 0.37 12.87	39.40 0.46 2.51	43.75 0.42 4.33	36.98 1.29 21.70	73.21 0.96 35.54	66.51 0.88 29.98	43.88 0.59 19.19	35.61 0.81 14.42	36.72 1.10 8.92	50.38 1.55 -4.43
BROOKLYN_NAVY_YARD 23515	37.47 1.16 0.00	34.52 1.06 0.00	41.56 1.06 0.00	37.93 0.97 0.00	35.85 0.88 0.00	40.95 0.82 0.00	59.13 1.04 0.00	76.96 2.02 0.00	94.15 2.54 0.00	45.88 1.41 0.00	47.89 1.37 0.00	44.91 1.54 0.00	45.76 1.44 0.00	45.27 1.54 0.00	43.38 1.76 0.00	43.21 1.77 0.00	49.54 1.88 0.00	59.60 2.21 0.00	111.67 3.88 0.00	98.90 3.29 0.00	64.54 2.05 0.00	50.91 1.70 0.00	46.09 1.55 0.00	45.74 1.34 0.00
BROOKLYN___ARMY_DRP 323595	37.56 1.25 0.00	34.61 1.16 0.00	41.63 1.13 0.00	38.05 1.09 0.00	35.98 1.01 0.00	41.05 0.92 0.00	59.20 1.12 0.00	77.23 2.28 0.00	94.43 2.82 0.00	46.07 1.61 0.00	48.05 1.53 0.00	45.06 1.68 0.00	45.89 1.57 0.00	45.44 1.72 0.00	43.64 2.02 0.00	43.44 2.00 0.00	49.71 2.05 0.00	59.75 2.35 0.00	111.83 4.04 0.00	99.04 3.43 0.00	64.73 2.25 0.00	51.13 1.92 0.00	46.30 1.76 0.00	45.94 1.54 0.00
BROOME_2_LFGE 323671	36.55 0.23 0.00	33.58 0.12 0.00	40.82 0.32 0.00	37.24 0.28 0.00	35.22 0.25 0.00	40.43 0.31 0.00	58.28 0.20 0.00	75.18 0.23 0.00	91.95 0.34 0.00	44.79 0.33 0.00	47.07 0.55 0.00	47.39 0.52 -3.49	44.88 0.56 0.00	44.24 0.52 0.00	42.09 0.47 0.00	41.81 0.36 0.00	47.88 0.22 0.00	57.68 0.29 0.00	108.42 0.63 0.00	95.76 0.15 0.00	62.48 0.00 0.00	49.21 0.00 0.00	44.71 0.17 0.00	44.73 0.33 0.00
BROOME___LFGE 323600	36.55 0.23 0.00	33.58 0.12 0.00	40.82 0.32 0.00	37.24 0.28 0.00	35.22 0.25 0.00	40.43 0.31 0.00	58.28 0.20 0.00	75.18 0.23 0.00	91.95 0.34 0.00	44.79 0.33 0.00	47.07 0.55 0.00	47.39 0.52 -3.49	44.88 0.56 0.00	44.24 0.52 0.00	42.09 0.47 0.00	41.81 0.36 0.00	47.88 0.22 0.00	57.68 0.29 0.00	108.42 0.63 0.00	95.76 0.15 0.00	62.48 0.00 0.00	49.21 0.00 0.00	44.71 0.17 0.00	44.73 0.33 0.00
BROWNFLS_115KV_TB 3_5 80003	37.72 1.41 0.00	34.75 1.29 0.00	42.20 1.70 0.00	38.63 1.67 0.00	36.56 1.59 0.00	41.98 1.86 0.00	61.07 2.99 0.00	78.77 3.82 0.00	95.73 4.12 0.00	46.16 1.69 0.00	47.63 1.11 0.00	44.11 0.73 0.00	44.79 0.47 0.00	44.22 0.50 0.00	41.99 0.37 0.00	41.96 0.51 0.00	48.42 0.76 0.00	59.00 1.61 0.00	111.54 3.75 0.00	98.97 3.36 0.00	65.04 2.56 0.00	51.52 2.31 0.00	46.44 1.90 0.00	46.22 1.81 0.00
BROWNSV1_27_KV_LOAD 356125	37.88 1.56 0.00	34.89 1.44 0.00	42.01 1.51 0.00	38.31 1.35 0.00	36.20 1.24 0.00	41.36 1.23 0.00	59.77 1.69 0.00	77.86 2.91 0.00	95.19 3.58 0.00	46.41 1.94 0.00	48.45 1.94 0.00	45.43 2.05 0.00	46.30 1.98 0.00	45.79 2.07 0.00	43.90 2.28 0.00	43.73 2.29 0.00	50.12 2.47 0.00	60.31 2.91 0.00	112.85 5.06 0.00	99.91 4.30 0.00	65.20 2.72 0.00	51.45 2.23 0.00	46.56 2.02 0.00	46.20 1.80 0.00
BURROWS___LYONSDAL 23803	37.57 1.26 0.00	34.61 1.15 0.00	42.00 1.51 0.00	38.45 1.49 0.00	36.38 1.42 0.00	41.86 1.73 0.00	61.03 2.95 0.00	78.76 3.81 0.00	95.96 4.35 0.00	46.23 1.76 0.00	47.76 1.24 0.00	44.17 0.79 0.00	44.65 0.34 0.00	44.10 0.38 0.00	41.94 0.32 0.00	41.94 0.50 0.00	48.46 0.80 0.00	59.19 1.80 0.00	112.10 4.30 0.00	99.22 3.61 0.00	64.94 2.46 0.00	51.24 2.03 0.00	46.22 1.68 0.00	45.99 1.59 0.00
CAITHNESS_CC_1 323624	37.07 0.75 0.00	34.20 0.74 0.00	40.97 0.47 0.00	37.23 0.27 0.00	34.72 -0.24 0.00	39.36 -0.77 0.00	49.39 -1.19 7.50	65.44 -0.75 8.75	43.70 -1.25 46.66	24.16 -0.18 20.12	44.46 -0.46 1.60	38.81 -0.12 4.45	41.04 -0.31 2.97	35.54 -0.19 8.00	29.19 0.45 12.88	39.48 0.50 2.47	43.77 0.44 4.33	36.98 1.27 21.69	73.17 0.90 35.51	66.46 0.81 29.95	43.88 0.57 19.17	35.61 0.79 14.39	36.69 1.08 8.93	50.37 1.55 -4.43
CALPINE BETH_PAGE_GT4 24209	37.57 1.26 0.00	34.65 1.20 0.00	41.63 1.13 0.00	37.81 0.85 0.00	35.21 0.24 0.00	40.05 -0.08 0.00	56.01 -0.07 2.00	74.17 0.63 1.41	83.21 0.67 9.06	44.71 0.69 0.44	47.14 0.75 0.12	44.14 0.99 0.22	45.13 0.87 0.06	44.66 0.98 0.05	43.02 1.42 0.01	42.38 1.28 0.34	48.80 1.25 0.12	57.66 1.72 1.46	107.11 2.17 2.86	94.93 2.00 2.67	61.79 1.37 2.06	48.76 1.28 1.73	45.75 1.33 0.12	51.84 1.74 -5.69
CALPINE_BETH_PAGE_GT_4 323586	37.58 1.26 0.00	34.65 1.20 0.00	41.63 1.13 0.00	37.81 0.85 0.00	35.22 0.25 0.00	40.05 -0.08 0.00	56.02 -0.07 2.00	74.16 0.62 1.41	83.21 0.67 9.06	44.71 0.68 0.44	47.14 0.75 0.12	44.16 1.01 0.22	45.14 0.88 0.06	44.66 0.99 0.05	43.03 1.42 0.01	42.38 1.28 0.34	48.80 1.26 0.12	57.65 1.72 1.46	107.12 2.19 2.86	94.93 2.00 2.67	61.79 1.38 2.06	48.76 1.28 1.73	45.75 1.33 0.12	51.84 1.75 -5.69
CALPINE_BP_GT1 23823	37.58 1.26 0.00	34.65 1.20 0.00	41.63 1.13 0.00	37.81 0.85 0.00	35.22 0.25 0.00	40.05 -0.08 0.00	56.02 -0.07 2.00	74.16 0.62 1.41	83.21 0.67 9.06	44.71 0.68 0.44	47.14 0.75 0.12	44.16 1.01 0.22	45.14 0.88 0.06	44.66 0.99 0.05	43.03 1.42 0.01	42.38 1.28 0.34	48.80 1.26 0.12	57.65 1.72 1.46	107.12 2.19 2.86	94.93 2.00 2.67	61.79 1.38 2.06	48.76 1.28 1.73	45.75 1.33 0.12	51.84 1.75 -5.69
CALSPAN___DRP 24200	36.94 0.62 0.00	33.84 0.39 0.00	41.13 0.63 0.00	37.55 0.59 0.00	35.48 0.51 0.00	40.96 0.83 0.00	58.92 0.84 0.00	74.99 0.04 0.00	91.62 0.01 0.00	45.49 1.02 0.00	48.45 1.93 0.00	46.82 1.40 -2.04	46.10 1.78 0.00	45.33 1.61 0.00	43.01 1.39 0.00	42.57 1.13 0.00	48.00 0.34 0.00	56.28 -1.12 0.00	104.71 -3.08 0.00	91.45 -4.16 0.00	59.44 -3.05 0.00	46.86 -2.36 0.00	43.25 -1.29 0.00	44.58 0.18 0.00

CALVERTON___SOLAR 323806	36.98 0.67 0.00	34.12 0.66 0.00	40.88 0.38 0.00	37.15 0.19 0.00	34.65 -0.32 0.00	39.28 -0.84 0.00	49.05 -1.29 7.75	65.18 -0.86 8.91	43.43 -1.37 46.81	24.02 -0.30 20.14	44.28 -0.63 1.61	38.67 -0.24 4.47	40.92 -0.43 2.97	35.43 -0.30 7.99	29.07 0.32 12.87	39.35 0.43 2.52	43.79 0.46 4.33	37.05 1.37 21.71	73.41 1.17 35.55	66.63 1.02 29.99	43.98 0.70 19.20	35.68 0.90 14.43	36.79 1.17 8.92	50.46 1.63 -4.43
CANDIGU_WT_PWR 323617	36.05 -0.26 0.00	33.09 -0.37 0.00	40.42 -0.07 0.00	37.07 0.11 0.00	35.17 0.20 0.00	40.61 0.48 0.00	58.46 0.38 0.00	75.11 0.16 0.00	91.72 0.11 0.00	45.02 0.56 0.00	47.65 1.13 -2.31	46.45 0.76 0.00	45.17 0.85 0.00	44.59 0.86 0.00	42.38 0.76 0.00	42.00 0.55 0.00	47.77 0.11 0.00	57.15 -0.25 0.00	107.25 -0.55 0.00	94.19 -1.42 0.00	61.30 -1.19 0.00	48.27 -0.94 0.00	44.15 -0.39 0.00	44.70 0.30 0.00
CARR STREET_E_SYR 24060	35.90 -0.42 0.00	33.01 -0.45 0.00	40.02 -0.48 0.00	36.52 -0.44 0.00	34.54 -0.43 0.00	39.58 -0.55 0.00	57.26 -0.82 0.00	73.89 -1.06 0.00	90.34 -1.27 0.00	43.91 -0.55 0.00	45.93 -0.59 0.00	43.56 -0.63 -0.81	43.77 -0.55 0.00	43.16 -0.57 0.00	41.09 -0.53 0.00	40.90 -0.55 0.00	47.00 -0.66 0.00	56.58 -0.82 0.00	106.32 -1.48 0.00	94.07 -1.54 0.00	61.44 -1.05 0.00	48.50 -0.72 0.00	43.94 -0.60 0.00	43.89 -0.51 0.00
CARTHAGE___PAPER 23857	38.12 1.81 0.00	35.11 1.65 0.00	42.75 2.25 0.00	39.20 2.24 0.00	37.16 2.19 0.00	42.78 2.66 0.00	62.60 4.51 0.00	80.87 5.92 0.00	98.13 6.52 0.00	46.92 2.46 0.00	47.67 1.15 0.00	43.92 0.54 0.00	44.40 0.09 0.00	43.88 0.16 0.00	41.65 0.03 0.00	41.79 0.34 0.00	48.43 0.77 0.00	59.84 2.45 0.00	114.23 6.44 0.00	101.02 5.41 0.00	66.11 3.63 0.00	52.26 3.04 0.00	47.04 2.50 0.00	46.82 2.42 0.00
CASSADAGA_WT_PWR 323784	37.71 1.40 0.00	34.55 1.10 0.00	42.04 1.54 0.00	38.31 1.35 0.00	36.13 1.17 0.00	41.69 1.57 0.00	60.19 2.11 0.00	77.04 2.09 0.00	94.11 2.50 0.00	46.38 1.91 0.00	49.47 2.95 0.00	47.90 2.47 -2.05	47.09 2.77 0.00	46.25 2.52 0.00	43.95 2.33 0.00	43.57 2.12 0.00	49.07 1.41 0.00	57.84 0.44 0.00	108.20 0.41 0.00	94.55 -1.05 0.00	61.39 -1.09 0.00	48.18 -1.04 0.00	44.10 -0.44 0.00	44.21 -0.19 0.00
CE_DUNWOOD___DRP 24194	37.44 1.12 0.00	34.50 1.04 0.00	41.59 1.10 0.00	37.90 0.94 0.00	35.80 0.83 0.00	40.89 0.76 0.00	59.16 1.08 0.00	76.94 1.99 0.00	94.03 2.42 0.00	45.73 1.27 0.00	47.75 1.23 0.00	44.74 1.37 0.00	45.61 1.29 0.00	45.12 1.40 0.00	43.21 1.60 0.00	43.02 1.58 0.00	49.36 1.70 0.00	59.48 2.09 0.00	111.52 3.73 0.00	98.78 3.18 0.00	64.48 2.00 0.00	50.87 1.65 0.00	46.03 1.49 0.00	45.72 1.31 0.00
CE_MILLWOOD___DRP 24193	37.35 1.04 0.00	34.41 0.96 0.00	41.51 1.01 0.00	37.83 0.87 0.00	35.73 0.76 0.00	40.82 0.69 0.00	59.10 1.01 0.00	76.80 1.86 0.00	93.89 2.28 0.00	45.61 1.14 0.00	47.63 1.11 0.00	44.63 1.25 0.00	45.49 1.17 0.00	45.00 1.27 0.00	43.08 1.46 0.00	42.89 1.44 0.00	49.22 1.56 0.00	59.34 1.95 0.00	111.30 3.50 0.00	98.61 3.00 0.00	64.38 1.89 0.00	50.76 1.55 0.00	45.93 1.39 0.00	45.62 1.22 0.00
CE_NYC2_DRP 24202	37.47 1.16 0.00	34.56 1.10 0.00	41.57 1.07 0.00	38.02 1.06 0.00	35.95 0.98 0.00	41.00 0.87 0.00	59.11 1.03 0.00	77.02 2.08 0.00	94.15 2.54 0.00	45.97 1.51 0.00	47.96 1.44 0.00	44.99 1.61 0.00	45.83 1.51 0.00	45.35 1.63 0.00	43.51 1.89 0.00	43.33 1.88 0.00	49.60 1.94 0.00	59.59 2.20 0.00	111.57 3.78 0.00	98.80 3.19 0.00	64.52 2.04 0.00	50.92 1.71 0.00	46.12 1.58 0.00	45.79 1.39 0.00
CE_NYC_DRP 24195	37.62 1.30 0.00	34.66 1.20 0.00	41.72 1.22 0.00	38.06 1.10 0.00	35.97 1.00 0.00	41.09 0.96 0.00	59.35 1.27 0.00	77.27 2.32 0.00	94.52 2.91 0.00	46.07 1.61 0.00	48.10 1.59 0.00	45.11 1.73 0.00	45.97 1.65 0.00	45.48 1.75 0.00	43.59 1.97 0.00	43.43 1.98 0.00	49.76 2.10 0.00	59.87 2.48 0.00	112.07 4.28 0.00	99.21 3.60 0.00	64.77 2.28 0.00	51.10 1.89 0.00	46.26 1.72 0.00	45.92 1.52 0.00
CHAFFEE___LFGE 323603	36.98 0.67 0.00	33.88 0.42 0.00	41.17 0.67 0.00	37.58 0.62 0.00	35.52 0.55 0.00	41.02 0.90 0.00	59.07 0.99 0.00	75.26 0.31 0.00	91.92 0.31 0.00	45.61 1.14 0.00	48.55 2.03 0.00	46.87 1.44 -2.05	46.10 1.78 0.00	45.37 1.64 0.00	43.06 1.44 0.00	42.67 1.22 0.00	48.13 0.47 0.00	56.48 -0.92 0.00	105.17 -2.63 0.00	91.84 -3.77 0.00	59.69 -2.80 0.00	47.05 -2.17 0.00	43.42 -1.13 0.00	44.68 0.28 0.00
CHATEAUG_35_KV_LOAD 355732	36.80 0.49 0.00	33.91 0.46 0.00	41.07 0.57 0.00	37.49 0.53 0.00	35.43 0.47 0.00	40.84 0.72 0.00	59.30 1.22 0.00	76.48 1.53 0.00	93.34 1.73 0.00	45.11 0.65 0.00	47.19 0.67 0.00	43.88 0.50 0.00	44.88 0.56 0.00	44.31 0.59 0.00	42.10 0.48 0.00	41.99 0.54 0.00	48.28 0.62 0.00	58.05 0.66 0.00	109.50 1.70 0.00	97.22 1.61 0.00	63.61 1.12 0.00	50.14 0.92 0.00	45.26 0.72 0.00	44.96 0.55 0.00
CHATEAUG_WT_PWR 323614	36.76 0.45 0.00	33.88 0.43 0.00	41.02 0.52 0.00	37.44 0.48 0.00	35.41 0.44 0.00	40.77 0.64 0.00	59.15 1.07 0.00	76.28 1.33 0.00	93.01 1.39 0.00	45.07 0.60 0.00	47.15 0.63 0.00	43.85 0.48 0.00	44.84 0.52 0.00	44.29 0.56 0.00	42.08 0.46 0.00	41.98 0.53 0.00	48.26 0.60 0.00	58.01 0.61 0.00	109.10 1.31 0.00	96.95 1.35 0.00	63.39 0.90 0.00	49.98 0.77 0.00	45.13 0.58 0.00	44.89 0.48 0.00
CHAT_HIGH_FALL_HYD 323578	36.80 0.49 0.00	33.91 0.46 0.00	41.07 0.57 0.00	37.49 0.53 0.00	35.43 0.47 0.00	40.84 0.72 0.00	59.30 1.22 0.00	76.48 1.53 0.00	93.34 1.73 0.00	45.11 0.65 0.00	47.19 0.67 0.00	43.88 0.50 0.00	44.88 0.56 0.00	44.31 0.59 0.00	42.10 0.48 0.00	41.99 0.54 0.00	48.28 0.62 0.00	58.05 0.66 0.00	109.50 1.70 0.00	97.22 1.61 0.00	63.61 1.12 0.00	50.14 0.92 0.00	45.26 0.72 0.00	44.96 0.55 0.00
CHAUTAUQUA___LFGE 323629	37.31 1.00 0.00	34.15 0.69 0.00	41.57 1.08 0.00	37.90 0.94 0.00	35.78 0.82 0.00	41.33 1.20 0.00	59.45 1.37 0.00	75.93 0.98 0.00	92.79 1.18 0.00	45.81 1.35 0.00	48.85 2.33 0.00	47.28 1.87 -2.04	46.44 2.12 0.00	45.67 1.95 0.00	43.38 1.76 0.00	43.02 1.58 0.00	48.50 0.84 0.00	57.11 -0.29 0.00	106.75 -1.04 0.00	93.30 -2.31 0.00	60.56 -1.92 0.00	47.62 -1.59 0.00	43.75 -0.79 0.00	44.37 -0.03 0.00
CHERRYST_13_KV_LD 356241	37.72 1.40 0.00	34.75 1.29 0.00	41.84 1.34 0.00	38.17 1.21 0.00	36.07 1.10 0.00	41.20 1.07 0.00	59.53 1.45 0.00	77.55 2.60 0.00	94.81 3.19 0.00	46.23 1.77 0.00	48.28 1.76 0.00	45.27 1.90 0.00	46.14 1.82 0.00	45.65 1.92 0.00	43.75 2.13 0.00	43.58 2.13 0.00	49.95 2.28 0.00	60.09 2.69 0.00	112.45 4.66 0.00	99.50 3.90 0.00	64.94 2.46 0.00	51.25 2.03 0.00	46.38 1.84 0.00	46.03 1.63 0.00

CHESTROR_138KV_BK263 355645	37.33 1.02 0.00	34.38 0.92 0.00	41.53 1.03 0.00	37.86 0.90 0.00	35.77 0.80 0.00	40.90 0.77 0.00	59.32 1.24 0.00	77.00 2.05 0.00	94.06 2.45 0.00	45.56 1.10 0.00	47.60 1.07 0.00	44.56 1.18 0.00	45.39 1.07 0.00	44.88 1.15 0.00	42.93 1.31 0.00	42.72 1.28 0.00	49.10 1.44 0.00	59.31 1.92 0.00	111.41 3.62 0.00	98.72 3.11 0.00	64.40 1.91 0.00	50.76 1.54 0.00	45.93 1.38 0.00	45.62 1.22 0.00
CH_MIDHUDSON___DRP 24192	37.33 1.01 0.00	34.39 0.93 0.00	41.50 1.00 0.00	37.83 0.87 0.00	35.75 0.78 0.00	40.87 0.74 0.00	59.13 1.05 0.00	76.80 1.86 0.00	93.86 2.25 0.00	45.58 1.12 0.00	47.53 1.01 0.00	44.50 1.13 0.00	45.37 1.05 0.00	44.85 1.13 0.00	42.90 1.28 0.00	42.73 1.29 0.00	49.13 1.47 0.00	59.26 1.87 0.00	111.19 3.40 0.00	98.66 3.05 0.00	64.45 1.96 0.00	50.79 1.57 0.00	45.93 1.39 0.00	45.59 1.19 0.00
CH_MISC_IPPS 23765	37.59 1.28 0.00	34.62 1.16 0.00	41.79 1.30 0.00	38.09 1.13 0.00	36.00 1.03 0.00	41.16 1.04 0.00	59.65 1.57 0.00	77.48 2.53 0.00	94.69 3.08 0.00	45.90 1.44 0.00	47.88 1.36 0.00	44.83 1.46 0.00	45.67 1.35 0.00	45.15 1.42 0.00	43.19 1.57 0.00	43.03 1.58 0.00	49.52 1.86 0.00	59.77 2.37 0.00	112.24 4.45 0.00	99.52 3.91 0.00	64.95 2.46 0.00	51.18 1.96 0.00	46.28 1.74 0.00	45.93 1.53 0.00
CH_RES_BVR_FALLS 23983	36.20 -0.12 0.00	33.37 -0.09 0.00	40.42 -0.08 0.00	36.97 0.01 0.00	34.99 0.03 0.00	40.25 0.12 0.00	58.38 0.29 0.00	75.27 0.32 0.00	91.89 0.28 0.00	44.60 0.13 0.00	46.65 0.13 0.00	43.48 0.10 0.00	44.38 0.06 0.00	43.77 0.04 0.00	41.67 0.04 0.00	41.55 0.10 0.00	47.80 0.14 0.00	57.52 0.13 0.00	108.06 0.27 0.00	95.82 0.21 0.00	62.72 0.24 0.00	49.40 0.19 0.00	44.65 0.11 0.00	44.54 0.13 0.00
CH_RES_NIAGARA 23895	36.42 0.11 0.00	33.40 -0.06 0.00	40.50 0.00 0.00	36.98 0.02 0.00	34.93 -0.04 0.00	40.29 0.16 0.00	57.92 -0.16 0.00	73.14 -1.81 0.00	89.08 -2.53 0.00	44.41 -0.05 0.00	47.60 1.08 0.00	45.84 0.49 -1.97	45.36 1.04 0.00	44.60 0.87 0.00	42.27 0.65 0.00	41.86 0.42 0.00	47.10 -0.56 0.00	54.67 -2.72 0.00	100.97 -6.82 0.00	88.03 -7.58 0.00	57.22 -5.26 0.00	45.23 -3.98 0.00	42.15 -2.39 0.00	43.85 -0.56 0.00
CH_RES_SYRACUSE 23985	36.10 -0.21 0.00	33.20 -0.26 0.00	40.25 -0.25 0.00	36.73 -0.23 0.00	34.76 -0.21 0.00	39.91 -0.21 0.00	57.78 -0.30 0.00	74.55 -0.40 0.00	91.02 -0.59 0.00	44.21 -0.25 0.00	46.21 -0.31 0.00	43.94 -0.39 -0.95	44.05 -0.27 0.00	43.41 -0.32 0.00	41.37 -0.25 0.00	41.16 -0.28 0.00	47.34 -0.32 0.00	57.11 -0.29 0.00	107.28 -0.51 0.00	94.89 -0.71 0.00	61.97 -0.52 0.00	48.84 -0.38 0.00	44.24 -0.30 0.00	44.17 -0.23 0.00
CLINTON_WT_PWR 323605	36.76 0.45 0.00	33.88 0.43 0.00	41.02 0.52 0.00	37.44 0.48 0.00	35.41 0.44 0.00	40.77 0.64 0.00	59.15 1.07 0.00	76.28 1.33 0.00	93.01 1.39 0.00	45.07 0.60 0.00	47.15 0.63 0.00	43.85 0.48 0.00	44.84 0.52 0.00	44.29 0.56 0.00	42.08 0.46 0.00	41.98 0.53 0.00	48.26 0.60 0.00	58.01 0.61 0.00	109.10 1.31 0.00	96.95 1.35 0.00	63.39 0.90 0.00	49.98 0.77 0.00	45.13 0.58 0.00	44.89 0.48 0.00
CLINTON___LFGE 323618	37.27 0.95 0.00	34.36 0.90 0.00	41.60 1.10 0.00	37.97 1.01 0.00	35.91 0.95 0.00	41.36 1.23 0.00	60.06 1.98 0.00	77.64 2.69 0.00	94.60 2.99 0.00	45.60 1.13 0.00	47.60 1.08 0.00	44.20 0.82 0.00	45.20 0.88 0.00	44.64 0.92 0.00	42.39 0.77 0.00	42.38 0.94 0.00	48.77 1.11 0.00	58.75 1.35 0.00	110.65 2.85 0.00	98.51 2.91 0.00	64.34 1.86 0.00	50.79 1.57 0.00	45.80 1.26 0.00	45.43 1.03 0.00
COBBLENY_34_KV_TB1 80064	36.98 0.66 0.00	33.87 0.41 0.00	41.16 0.66 0.00	37.58 0.61 0.00	35.51 0.54 0.00	41.03 0.90 0.00	59.06 0.98 0.00	75.26 0.31 0.00	91.95 0.34 0.00	45.60 1.14 0.00	48.55 2.03 0.00	46.93 1.50 -2.05	46.13 1.81 0.00	45.39 1.67 0.00	43.06 1.44 0.00	42.67 1.22 0.00	48.13 0.47 0.00	56.48 -0.91 0.00	105.17 -2.62 0.00	91.84 -3.76 0.00	59.70 -2.79 0.00	47.05 -2.16 0.00	43.42 -1.12 0.00	44.69 0.28 0.00
COFFEEN___115KV_TB3 355620	38.24 1.93 0.00	35.19 1.74 0.00	42.89 2.39 0.00	39.35 2.40 0.00	37.33 2.36 0.00	43.02 2.89 0.00	63.06 4.98 0.00	81.51 6.56 0.00	98.90 7.29 0.00	47.06 2.59 0.00	47.40 0.88 0.00	43.62 0.24 0.00	44.17 -0.15 0.00	43.64 -0.08 0.00	41.42 -0.20 0.00	41.50 0.06 0.00	48.37 0.71 0.00	59.92 2.53 0.00	115.11 7.32 0.00	101.66 6.05 0.00	66.35 3.86 0.00	52.46 3.25 0.00	47.21 2.67 0.00	46.98 2.58 0.00
COLDSPRG_115KV_BK1 355956	37.90 1.59 0.00	34.74 1.28 0.00	42.27 1.77 0.00	38.54 1.58 0.00	36.40 1.43 0.00	41.96 1.83 0.00	60.41 2.33 0.00	77.48 2.53 0.00	94.81 3.20 0.00	46.69 2.23 0.00	49.79 3.27 0.00	48.28 2.84 -2.07	47.48 3.16 0.00	46.60 2.88 0.00	44.22 2.60 0.00	43.80 2.35 0.00	49.27 1.61 0.00	58.16 0.76 0.00	108.88 1.09 0.00	95.15 -0.46 0.00	61.78 -0.70 0.00	48.57 -0.64 0.00	44.55 0.00 0.00	45.09 0.69 0.00
COLONIE_LFGE___ 323577	36.76 0.45 0.00	33.93 0.47 0.00	40.99 0.49 0.00	37.35 0.39 0.00	35.36 0.40 0.00	40.51 0.39 0.00	58.66 0.58 0.00	75.94 0.99 0.00	92.90 1.29 0.00	44.66 0.20 0.00	46.60 0.08 0.00	43.49 0.11 0.00	44.60 0.28 0.00	44.02 0.29 0.00	41.93 0.31 0.00	41.80 0.35 0.00	48.29 0.63 0.00	58.41 1.02 0.00	109.73 1.94 0.00	97.55 1.94 0.00	63.84 1.36 0.00	50.22 1.00 0.00	45.40 0.86 0.00	45.03 0.63 0.00
COOPERNY_115KV_TB1 80082	37.20 0.88 0.00	34.26 0.79 0.00	41.44 0.94 0.00	37.79 0.83 0.00	35.72 0.75 0.00	40.86 0.73 0.00	59.22 1.14 0.00	76.72 1.77 0.00	93.76 2.15 0.00	45.49 1.03 0.00	47.58 1.06 0.00	43.68 1.15 0.84	45.23 0.91 0.00	44.67 0.95 0.00	42.63 1.01 0.00	42.43 0.99 0.00	48.77 1.11 0.00	58.88 1.49 0.00	110.54 2.74 0.00	98.01 2.40 0.00	63.98 1.50 0.00	50.42 1.20 0.00	45.64 1.10 0.00	45.39 0.99 0.00
COPENHAGEN_WT_PWR 323753	37.58 1.27 0.00	34.64 1.18 0.00	42.28 1.79 0.00	38.84 1.88 0.00	36.85 1.89 0.00	42.43 2.31 0.00	62.09 4.01 0.00	80.26 5.31 0.00	97.49 5.88 0.00	46.57 2.11 0.00	47.24 0.72 0.00	43.51 0.14 0.00	44.06 -0.25 0.00	43.49 -0.23 0.00	41.30 -0.32 0.00	41.41 -0.04 0.00	48.11 0.45 0.00	59.32 1.93 0.00	113.36 5.57 0.00	100.07 4.46 0.00	65.45 2.97 0.00	51.75 2.53 0.00	46.55 2.01 0.00	46.38 1.98 0.00
CORNELL_____ 23752	36.90 0.59 0.00	33.90 0.44 0.00	41.18 0.67 0.00	37.57 0.61 0.00	35.56 0.59 0.00	40.86 0.73 0.00	59.13 1.05 0.00	76.34 1.39 0.00	93.11 1.50 0.00	45.24 0.77 0.00	47.22 0.70 0.00	47.59 0.39 -3.83	44.64 0.32 0.00	44.02 0.30 0.00	42.04 0.42 0.00	41.66 0.21 0.00	48.07 0.41 0.00	58.29 0.89 0.00	109.87 2.08 0.00	97.13 1.52 0.00	63.40 0.91 0.00	49.92 0.71 0.00	45.26 0.72 0.00	45.19 0.79 0.00

CORONA__69_KV_TB1 355595	37.85 1.54 0.00	34.87 1.41 0.00	41.91 1.41 0.00	38.11 1.15 0.00	35.67 0.71 0.00	40.62 0.50 0.00	58.82 0.74 0.00	76.48 1.53 0.00	86.54 1.75 6.83	45.57 1.11 0.00	47.62 1.10 0.00	44.75 1.37 0.00	45.61 1.29 0.00	45.14 1.41 -0.01	43.35 1.73 0.00	43.03 1.59 0.00	49.30 1.64 0.00	59.66 2.26 0.00	111.12 3.33 0.00	98.61 3.00 0.00	64.48 2.00 0.00	51.03 1.81 0.00	46.29 1.75 0.00	54.44 1.86 -8.18
CORTLAND__115KV_TB3 80093	36.61 0.29 0.00	33.65 0.20 0.00	40.85 0.35 0.00	37.29 0.33 0.00	35.27 0.30 0.00	40.50 0.37 0.00	58.60 0.52 0.00	75.67 0.72 0.00	92.43 0.82 0.00	44.87 0.40 0.00	46.89 0.37 0.00	45.61 0.23 -2.01	44.53 0.21 0.00	43.92 0.19 0.00	41.81 0.19 0.00	41.61 0.16 0.00	47.84 0.18 0.00	57.85 0.45 0.00	108.99 1.19 0.00	96.39 0.78 0.00	62.94 0.45 0.00	49.56 0.35 0.00	44.92 0.38 0.00	44.82 0.42 0.00
COXSACKIE__GT 23611	37.56 1.24 0.00	34.63 1.17 0.00	41.75 1.25 0.00	38.13 1.17 0.00	36.21 1.24 0.00	42.15 2.02 0.00	61.42 3.34 0.00	79.87 4.92 0.00	96.98 5.37 0.00	45.65 1.19 0.00	47.06 0.54 0.00	43.79 0.42 0.00	44.98 0.66 0.00	44.33 0.61 0.00	42.17 0.55 0.00	42.13 0.69 0.00	48.57 0.91 0.00	59.32 1.93 0.00	112.91 5.11 0.00	100.24 4.63 0.00	65.59 3.10 0.00	51.49 2.28 0.00	46.45 1.91 0.00	46.05 1.65 0.00
CPV_VALLEY__CC1 323721	37.27 0.96 0.00	34.33 0.87 0.00	41.47 0.97 0.00	37.80 0.84 0.00	35.72 0.76 0.00	40.83 0.70 0.00	59.22 1.14 0.00	76.86 1.91 0.00	93.93 2.32 0.00	45.52 1.05 0.00	47.57 1.05 0.00	44.57 1.19 0.00	45.39 1.07 0.00	44.88 1.16 0.00	42.93 1.32 0.00	42.72 1.27 0.00	49.07 1.41 0.00	59.25 1.85 0.00	111.27 3.48 0.00	98.58 2.97 0.00	64.31 1.83 0.00	50.68 1.47 0.00	45.86 1.31 0.00	45.57 1.17 0.00
CPV_VALLEY__CC2 323722	37.27 0.96 0.00	34.33 0.87 0.00	41.47 0.97 0.00	37.80 0.84 0.00	35.72 0.76 0.00	40.83 0.70 0.00	59.22 1.14 0.00	76.86 1.91 0.00	93.93 2.32 0.00	45.52 1.05 0.00	47.57 1.05 0.00	44.57 1.19 0.00	45.39 1.07 0.00	44.88 1.16 0.00	42.93 1.32 0.00	42.72 1.27 0.00	49.07 1.41 0.00	59.25 1.85 0.00	111.27 3.48 0.00	98.58 2.97 0.00	64.31 1.83 0.00	50.68 1.47 0.00	45.86 1.31 0.00	45.57 1.17 0.00
CRESCENT__HYD 24018	36.76 0.45 0.00	33.93 0.47 0.00	40.99 0.49 0.00	37.35 0.39 0.00	35.36 0.40 0.00	40.51 0.39 0.00	58.66 0.58 0.00	75.94 0.99 0.00	92.90 1.29 0.00	44.66 0.20 0.00	46.60 0.08 0.00	43.49 0.11 0.00	44.60 0.28 0.00	44.02 0.29 0.00	41.93 0.31 0.00	41.80 0.35 0.00	48.29 0.63 0.00	58.41 1.02 0.00	109.73 1.94 0.00	97.55 1.94 0.00	63.84 1.36 0.00	50.22 1.00 0.00	45.40 0.86 0.00	45.03 0.63 0.00
CRICKET__VALLEY_CC1 323756	36.69 0.38 0.00	33.81 0.35 0.00	40.78 0.29 0.00	37.16 0.20 0.00	35.13 0.16 0.00	40.15 0.03 0.00	58.07 -0.02 0.00	75.40 0.45 0.00	92.27 0.65 0.00	44.78 0.32 0.00	46.67 0.15 0.00	43.73 0.35 0.00	44.58 0.26 0.00	44.08 0.36 0.00	42.17 0.55 0.00	41.96 0.52 0.00	48.25 0.58 0.00	58.22 0.83 0.00	109.32 1.53 0.00	97.04 1.44 0.00	63.45 0.97 0.00	50.01 0.80 0.00	45.25 0.71 0.00	44.88 0.48 0.00
CRICKET__VALLEY_CC2 323757	36.69 0.38 0.00	33.81 0.35 0.00	40.78 0.29 0.00	37.16 0.20 0.00	35.13 0.16 0.00	40.15 0.03 0.00	58.07 -0.02 0.00	75.40 0.45 0.00	92.27 0.65 0.00	44.78 0.32 0.00	46.67 0.15 0.00	43.73 0.35 0.00	44.58 0.26 0.00	44.08 0.36 0.00	42.17 0.55 0.00	41.96 0.52 0.00	48.25 0.58 0.00	58.22 0.83 0.00	109.32 1.53 0.00	97.04 1.44 0.00	63.45 0.97 0.00	50.01 0.80 0.00	45.25 0.71 0.00	44.88 0.48 0.00
CRICKET__VALLEY_CC3 323758	36.69 0.38 0.00	33.81 0.35 0.00	40.78 0.29 0.00	37.16 0.20 0.00	35.13 0.16 0.00	40.15 0.03 0.00	58.07 -0.02 0.00	75.40 0.45 0.00	92.27 0.65 0.00	44.78 0.32 0.00	46.67 0.15 0.00	43.73 0.35 0.00	44.58 0.26 0.00	44.08 0.36 0.00	42.17 0.55 0.00	41.96 0.52 0.00	48.25 0.58 0.00	58.22 0.83 0.00	109.32 1.53 0.00	97.04 1.44 0.00	63.45 0.97 0.00	50.01 0.80 0.00	45.25 0.71 0.00	44.88 0.48 0.00
CRUCIBLE__METL_DRP 24180	36.10 -0.21 0.00	33.20 -0.26 0.00	40.24 -0.25 0.00	36.73 -0.23 0.00	34.76 -0.21 0.00	39.91 -0.22 0.00	57.78 -0.30 0.00	74.55 -0.40 0.00	91.03 -0.58 0.00	44.21 -0.25 0.00	46.21 -0.31 0.00	43.95 -0.38 -0.95	44.04 -0.27 0.00	43.41 -0.32 0.00	41.37 -0.25 0.00	41.16 -0.28 0.00	47.34 -0.32 0.00	57.10 -0.29 0.00	107.28 -0.51 0.00	94.89 -0.71 0.00	61.97 -0.52 0.00	48.84 -0.38 0.00	44.24 -0.30 0.00	44.17 -0.23 0.00
DAHOWA__HYDRO 323763	37.43 1.12 0.00	34.53 1.07 0.00	41.76 1.26 0.00	38.05 1.09 0.00	36.01 1.05 0.00	41.31 1.18 0.00	60.05 1.97 0.00	77.82 2.87 0.00	94.63 3.02 0.00	44.93 0.46 0.00	46.69 0.17 0.00	42.67 0.03 0.74	44.79 0.48 0.00	44.20 0.48 0.00	42.10 0.48 0.00	42.13 0.69 0.00	49.01 1.35 0.00	59.52 2.13 0.00	112.13 4.34 0.00	99.76 4.16 0.00	65.24 2.76 0.00	51.24 2.02 0.00	46.26 1.72 0.00	45.80 1.40 0.00
DANC__LFGE 323619	36.89 0.58 0.00	33.97 0.52 0.00	41.35 0.85 0.00	37.90 0.93 0.00	35.92 0.95 0.00	41.32 1.19 0.00	60.21 2.13 0.00	77.77 2.82 0.00	94.75 3.14 0.00	45.49 1.03 0.00	46.62 0.10 0.00	43.09 -0.28 0.00	43.82 -0.50 0.00	43.24 -0.48 0.00	41.09 -0.53 0.00	41.09 -0.35 0.00	47.53 -0.13 0.00	58.14 0.75 0.00	110.51 2.72 0.00	97.63 2.02 0.00	63.83 1.35 0.00	50.47 1.26 0.00	45.50 0.95 0.00	45.36 0.96 0.00
DANSKAMMER__1 23586	37.59 1.28 0.00	34.62 1.16 0.00	41.79 1.30 0.00	38.09 1.13 0.00	36.00 1.03 0.00	41.16 1.04 0.00	59.65 1.57 0.00	77.48 2.53 0.00	94.69 3.08 0.00	45.90 1.44 0.00	47.88 1.36 0.00	44.83 1.46 0.00	45.67 1.35 0.00	45.15 1.42 0.00	43.19 1.57 0.00	43.03 1.58 0.00	49.52 1.86 0.00	59.77 2.37 0.00	112.24 4.45 0.00	99.52 3.91 0.00	64.95 2.46 0.00	51.18 1.96 0.00	46.28 1.74 0.00	45.93 1.53 0.00
DANSKAMMER__2 23589	37.59 1.28 0.00	34.62 1.16 0.00	41.79 1.30 0.00	38.09 1.13 0.00	36.00 1.03 0.00	41.16 1.04 0.00	59.65 1.57 0.00	77.48 2.53 0.00	94.69 3.08 0.00	45.90 1.44 0.00	47.88 1.36 0.00	44.83 1.46 0.00	45.67 1.35 0.00	45.15 1.42 0.00	43.19 1.57 0.00	43.03 1.58 0.00	49.52 1.86 0.00	59.77 2.37 0.00	112.24 4.45 0.00	99.52 3.91 0.00	64.95 2.46 0.00	51.18 1.96 0.00	46.28 1.74 0.00	45.93 1.53 0.00
DANSKAMMER__3 23590	37.59 1.28 0.00	34.62 1.16 0.00	41.79 1.30 0.00	38.09 1.13 0.00	36.00 1.03 0.00	41.16 1.04 0.00	59.65 1.57 0.00	77.48 2.53 0.00	94.69 3.08 0.00	45.90 1.44 0.00	47.88 1.36 0.00	44.83 1.46 0.00	45.67 1.35 0.00	45.15 1.42 0.00	43.19 1.57 0.00	43.03 1.58 0.00	49.52 1.86 0.00	59.77 2.37 0.00	112.24 4.45 0.00	99.52 3.91 0.00	64.95 2.46 0.00	51.18 1.96 0.00	46.28 1.74 0.00	45.93 1.53 0.00

DANSKAMMER___4 23591	37.59 1.28 0.00	34.62 1.16 0.00	41.79 1.30 0.00	38.09 1.13 0.00	36.00 1.03 0.00	41.16 1.04 0.00	59.65 1.57 0.00	77.48 2.53 0.00	94.69 3.08 0.00	45.90 1.44 0.00	47.88 1.36 0.00	44.83 1.46 0.00	45.67 1.35 0.00	45.15 1.42 0.00	43.19 1.57 0.00	43.03 1.58 0.00	49.52 1.86 0.00	59.77 2.37 0.00	112.24 4.45 0.00	99.52 3.91 0.00	64.95 2.46 0.00	51.18 1.96 0.00	46.28 1.74 0.00	45.93 1.53 0.00
DANSKAMMER___DIESEL 23592	37.59 1.28 0.00	34.62 1.17 0.00	41.80 1.30 0.00	38.09 1.13 0.00	36.00 1.03 0.00	41.17 1.04 0.00	59.64 1.56 0.00	77.48 2.53 0.00	94.67 3.06 0.00	45.90 1.44 0.00	47.88 1.36 0.00	44.82 1.44 0.00	45.67 1.35 0.00	45.14 1.42 0.00	43.19 1.57 0.00	43.03 1.59 0.00	49.51 1.85 0.00	59.77 2.37 0.00	112.22 4.43 0.00	99.52 3.91 0.00	64.95 2.46 0.00	51.18 1.96 0.00	46.28 1.74 0.00	45.93 1.53 0.00
DARBY___SOLAR 323810	37.28 0.97 0.00	34.40 0.94 0.00	41.60 1.10 0.00	37.89 0.93 0.00	35.87 0.90 0.00	41.14 1.01 0.00	59.73 1.64 0.00	77.37 2.42 0.00	94.19 2.58 0.00	44.82 0.35 0.00	46.61 0.09 0.00	42.63 -0.02 0.72	44.69 0.37 0.00	44.09 0.37 0.00	42.00 0.38 0.00	42.01 0.57 0.00	48.79 1.13 0.00	59.23 1.84 0.00	111.56 3.77 0.00	99.19 3.58 0.00	64.89 2.40 0.00	50.99 1.77 0.00	46.05 1.51 0.00	45.61 1.21 0.00
DASHVILLE___HYD 23610	37.21 0.89 0.00	34.27 0.81 0.00	41.37 0.87 0.00	37.69 0.73 0.00	35.64 0.67 0.00	40.75 0.62 0.00	58.94 0.86 0.00	76.52 1.57 0.00	93.65 2.04 0.00	45.47 1.01 0.00	47.35 0.83 0.00	44.34 0.97 0.00	45.15 0.83 0.00	44.60 0.87 0.00	42.67 1.05 0.00	42.49 1.05 0.00	48.87 1.21 0.00	58.97 1.57 0.00	110.71 2.92 0.00	98.36 2.75 0.00	64.29 1.80 0.00	50.65 1.43 0.00	45.79 1.25 0.00	45.48 1.07 0.00
DELAWARE___LFGE 323621	37.30 0.98 0.00	34.33 0.88 0.00	41.61 1.12 0.00	38.01 1.05 0.00	36.06 1.09 0.00	41.36 1.23 0.00	60.05 1.97 0.00	77.68 2.73 0.00	94.82 3.21 0.00	46.18 1.72 0.00	48.56 2.04 0.00	103.45 2.41 -57.67	45.30 0.98 0.00	44.66 0.93 0.00	42.38 0.76 0.00	42.23 0.78 0.00	48.70 1.04 0.00	58.70 1.30 0.00	109.96 2.17 0.00	97.46 1.85 0.00	63.73 1.25 0.00	50.22 1.00 0.00	45.47 0.93 0.00	45.31 0.91 0.00
DERFIELD_115KV_TB7 355931	36.39 0.07 0.00	33.52 0.06 0.00	40.58 0.08 0.00	37.03 0.08 0.00	35.04 0.07 0.00	40.19 0.07 0.00	58.20 0.12 0.00	75.15 0.20 0.00	91.83 0.22 0.00	44.52 0.06 0.00	46.53 0.01 0.00	43.42 0.04 0.00	44.27 -0.04 0.00	43.68 -0.04 0.00	41.60 -0.02 0.00	41.44 0.00 0.00	47.70 0.04 0.00	57.52 0.13 0.00	108.06 0.27 0.00	95.84 0.23 0.00	62.67 0.19 0.00	49.36 0.14 0.00	44.66 0.12 0.00	44.49 0.08 0.00
DOGLEVILLE___HYD 23807	38.19 1.88 0.00	35.24 1.78 0.00	42.69 2.19 0.00	38.97 2.01 0.00	36.91 1.94 0.00	42.42 2.29 0.00	61.59 3.51 0.00	79.60 4.65 0.00	95.99 4.38 0.00	45.35 0.89 0.00	47.04 0.52 0.00	44.00 0.62 0.00	44.71 0.39 0.00	44.11 0.39 0.00	41.97 0.35 0.00	41.92 0.48 0.00	48.68 1.02 0.00	60.24 2.84 0.00	114.25 6.46 0.00	101.46 5.85 0.00	66.39 3.91 0.00	52.41 3.19 0.00	47.38 2.84 0.00	46.98 2.58 0.00
DUNKIRK___115KV_TB_200 55889	37.24 0.93 0.00	34.09 0.63 0.00	41.50 1.00 0.00	37.85 0.89 0.00	35.73 0.76 0.00	41.27 1.14 0.00	59.34 1.26 0.00	75.78 0.83 0.00	92.62 1.01 0.00	45.72 1.26 0.00	48.76 2.24 0.00	47.25 1.84 -2.04	46.40 2.08 0.00	45.61 1.89 0.00	43.32 1.70 0.00	42.94 1.50 0.00	48.41 0.74 0.00	57.01 -0.38 0.00	106.57 -1.22 0.00	93.12 -2.48 0.00	60.44 -2.05 0.00	47.54 -1.67 0.00	43.71 -0.84 0.00	44.39 -0.01 0.00
DUNKIRK___1 23563	37.24 0.93 0.00	34.09 0.63 0.00	41.50 1.00 0.00	37.85 0.89 0.00	35.73 0.76 0.00	41.27 1.14 0.00	59.34 1.26 0.00	75.78 0.83 0.00	92.62 1.01 0.00	45.72 1.26 0.00	48.76 2.24 0.00	47.25 1.84 -2.04	46.40 2.08 0.00	45.61 1.89 0.00	43.32 1.70 0.00	42.94 1.50 0.00	48.41 0.74 0.00	57.01 -0.38 0.00	106.57 -1.22 0.00	93.12 -2.48 0.00	60.44 -2.05 0.00	47.54 -1.67 0.00	43.71 -0.84 0.00	44.39 -0.01 0.00
DUNKIRK___2 23564	37.24 0.93 0.00	34.09 0.63 0.00	41.50 1.00 0.00	37.85 0.89 0.00	35.73 0.76 0.00	41.27 1.14 0.00	59.34 1.26 0.00	75.78 0.83 0.00	92.62 1.01 0.00	45.72 1.26 0.00	48.76 2.24 0.00	47.25 1.84 -2.04	46.40 2.08 0.00	45.61 1.89 0.00	43.32 1.70 0.00	42.94 1.50 0.00	48.41 0.74 0.00	57.01 -0.38 0.00	106.57 -1.22 0.00	93.12 -2.48 0.00	60.44 -2.05 0.00	47.54 -1.67 0.00	43.71 -0.84 0.00	44.39 -0.01 0.00
DUNKIRK___3 23565	37.06 0.75 0.00	33.93 0.48 0.00	41.30 0.80 0.00	37.67 0.71 0.00	35.59 0.62 0.00	41.07 0.94 0.00	59.00 0.92 0.00	75.30 0.35 0.00	92.07 0.46 0.00	45.49 1.03 0.00	48.51 1.99 0.00	46.99 1.58 -2.03	46.18 1.86 0.00	45.41 1.68 0.00	43.10 1.48 0.00	42.70 1.25 0.00	48.15 0.49 0.00	56.67 -0.72 0.00	105.86 -1.94 0.00	92.49 -3.11 0.00	60.07 -2.42 0.00	47.30 -1.92 0.00	43.53 -1.01 0.00	44.38 -0.03 0.00
DUNKIRK___4 23566	37.06 0.75 0.00	33.93 0.48 0.00	41.30 0.80 0.00	37.67 0.71 0.00	35.59 0.62 0.00	41.07 0.94 0.00	59.00 0.92 0.00	75.30 0.35 0.00	92.07 0.46 0.00	45.49 1.03 0.00	48.51 1.99 0.00	46.99 1.58 -2.03	46.18 1.86 0.00	45.41 1.68 0.00	43.10 1.48 0.00	42.70 1.25 0.00	48.15 0.49 0.00	56.67 -0.72 0.00	105.86 -1.94 0.00	92.49 -3.11 0.00	60.07 -2.42 0.00	47.30 -1.92 0.00	43.53 -1.01 0.00	44.38 -0.03 0.00
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	37.51 1.19 0.00	34.56 1.11 0.00	41.64 1.15 0.00	37.96 1.00 0.00	35.85 0.88 0.00	40.95 0.82 0.00	59.19 1.11 0.00	76.98 2.03 0.00	94.10 2.49 0.00	45.80 1.33 0.00	47.82 1.30 0.00	44.82 1.45 0.00	45.68 1.36 0.00	45.19 1.46 0.00	43.30 1.68 0.00	43.11 1.67 0.00	49.45 1.79 0.00	59.56 2.17 0.00	111.62 3.83 0.00	98.88 3.27 0.00	64.55 2.07 0.00	50.92 1.70 0.00	46.09 1.55 0.00	45.78 1.38 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	37.48 1.17 0.00	34.52 1.06 0.00	41.68 1.18 0.00	37.99 1.03 0.00	35.90 0.93 0.00	41.05 0.92 0.00	59.53 1.45 0.00	77.32 2.36 0.00	94.45 2.84 0.00	45.76 1.30 0.00	47.77 1.24 0.00	44.72 1.34 0.00	45.54 1.22 0.00	45.03 1.30 0.00	43.07 1.45 0.00	42.89 1.44 0.00	49.31 1.65 0.00	59.58 2.19 0.00	111.94 4.15 0.00	99.22 3.61 0.00	64.73 2.25 0.00	51.01 1.79 0.00	46.14 1.60 0.00	45.82 1.42 0.00
E179THST_138_KV_TB4_REV_LBMP_J 345001	37.24 0.92 0.00	34.35 0.89 0.00	41.30 0.80 0.00	37.95 0.99 0.00	35.95 0.98 0.00	40.99 0.86 0.00	59.18 1.09 0.00	77.08 2.13 0.00	94.23 2.62 0.00	45.93 1.46 0.00	47.87 1.35 0.00	44.88 1.50 0.00	45.73 1.41 0.00	45.24 1.51 0.00	43.39 1.77 0.00	43.17 1.73 0.00	49.46 1.80 0.00	59.52 2.12 0.00	111.60 3.81 0.00	98.87 3.27 0.00	64.56 2.08 0.00	50.96 1.75 0.00	46.12 1.58 0.00	45.74 1.34 0.00

E179THST_13_KV_LOAD 356214	37.38 1.07 0.00	34.48 1.02 0.00	41.45 0.95 0.00	38.08 1.12 0.00	36.06 1.10 0.00	41.13 1.00 0.00	59.41 1.33 0.00	77.41 2.46 0.00	94.66 3.05 0.00	46.13 1.67 0.00	48.09 1.57 0.00	45.09 1.72 0.00	45.95 1.63 0.00	45.46 1.73 0.00	43.59 1.97 0.00	43.38 1.93 0.00	49.69 2.03 0.00	59.79 2.40 0.00	112.11 4.32 0.00	99.33 3.73 0.00	64.86 2.38 0.00	51.18 1.97 0.00	46.32 1.78 0.00	45.94 1.54 0.00
EAST HAMPTON___GT 23717	35.74 -0.57 0.00	32.98 -0.48 0.00	39.56 -0.94 0.00	35.96 -1.00 0.00	33.55 -1.42 0.00	38.06 -2.06 0.00	47.30 -2.90 7.87	63.09 -2.87 8.99	40.98 -3.78 46.85	22.75 -1.58 20.13	42.84 -2.06 1.61	37.92 -0.98 4.47	40.43 -0.91 2.97	34.90 -0.85 7.98	28.63 -0.15 12.85	39.21 0.31 2.55	44.62 1.29 4.33	38.63 2.96 21.72	76.67 4.44 35.57	69.44 3.84 30.00	45.85 2.59 19.22	37.28 2.51 14.44	38.20 2.57 8.91	51.81 2.97 -4.43
EAST RIVER___6 23660	37.64 1.33 0.00	34.68 1.22 0.00	41.72 1.22 0.00	38.07 1.11 0.00	35.98 1.01 0.00	41.11 0.98 0.00	59.40 1.32 0.00	77.40 2.45 0.00	94.71 3.10 0.00	46.18 1.71 0.00	48.22 1.70 0.00	45.24 1.87 0.00	46.10 1.78 0.00	45.61 1.88 0.00	43.71 2.09 0.00	43.54 2.10 0.00	49.91 2.25 0.00	60.03 2.64 0.00	112.23 4.44 0.00	99.30 3.70 0.00	64.79 2.30 0.00	51.16 1.95 0.00	46.33 1.79 0.00	45.99 1.59 0.00
EAST RIVER___7 23524	37.64 1.33 0.00	34.68 1.22 0.00	41.72 1.22 0.00	38.07 1.11 0.00	35.98 1.01 0.00	41.11 0.98 0.00	59.40 1.32 0.00	77.40 2.45 0.00	94.71 3.10 0.00	46.18 1.71 0.00	48.22 1.70 0.00	45.24 1.87 0.00	46.10 1.78 0.00	45.61 1.88 0.00	43.71 2.09 0.00	43.54 2.10 0.00	49.91 2.25 0.00	60.03 2.64 0.00	112.23 4.44 0.00	99.30 3.70 0.00	64.79 2.30 0.00	51.16 1.95 0.00	46.33 1.79 0.00	45.99 1.59 0.00
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	37.44 1.12 0.00	34.50 1.04 0.00	41.59 1.10 0.00	37.90 0.94 0.00	35.80 0.83 0.00	40.89 0.76 0.00	59.16 1.08 0.00	76.94 1.99 0.00	94.03 2.42 0.00	45.73 1.27 0.00	47.75 1.23 0.00	44.74 1.37 0.00	45.61 1.29 0.00	45.12 1.40 0.00	43.21 1.60 0.00	43.02 1.58 0.00	49.36 1.70 0.00	59.48 2.09 0.00	111.52 3.73 0.00	98.78 3.18 0.00	64.48 2.00 0.00	50.87 1.65 0.00	46.03 1.49 0.00	45.72 1.31 0.00
EAST_HAMPTON___DIESEL 23722	35.60 -0.71 0.00	32.85 -0.61 0.00	39.40 -1.09 0.00	35.82 -1.14 0.00	33.41 -1.55 0.00	37.92 -2.21 0.00	47.10 -3.11 7.87	62.82 -3.14 8.99	40.66 -4.10 46.85	22.59 -1.75 20.13	42.68 -2.23 1.61	37.80 -1.10 4.47	40.33 -1.02 2.97	34.80 -0.94 7.98	28.53 -0.24 12.85	39.13 0.23 2.55	44.57 1.24 4.33	38.61 2.94 21.72	76.63 4.41 35.57	69.42 3.82 30.00	45.84 2.58 19.22	37.29 2.52 14.44	38.21 2.58 8.91	51.83 2.99 -4.43
EAST_POINT___SOLAR 323840	37.61 1.30 0.00	34.58 1.13 0.00	41.89 1.39 0.00	38.26 1.30 0.00	36.25 1.29 0.00	41.71 1.58 0.00	60.99 2.91 0.00	78.58 3.64 0.00	93.63 2.02 0.00	43.55 -0.91 0.00	45.62 -0.90 0.00	39.82 -0.92 2.63	43.40 -0.92 0.00	43.22 -0.50 0.00	40.89 -0.73 0.00	40.40 -1.04 0.00	47.23 -0.43 0.00	58.52 1.13 0.00	111.57 3.77 0.00	99.12 3.51 0.00	64.68 2.20 0.00	50.93 1.72 0.00	46.03 1.49 0.00	45.86 1.45 0.00
EAST_PULASKI___ESR 323781	36.21 -0.10 0.00	33.32 -0.14 0.00	40.44 -0.06 0.00	36.97 0.01 0.00	35.01 0.04 0.00	40.23 0.10 0.00	58.39 0.31 0.00	75.40 0.45 0.00	92.09 0.48 0.00	44.45 -0.01 0.00	46.03 -0.49 0.00	42.71 -0.67 0.00	43.60 -0.72 0.00	43.00 -0.72 0.00	40.91 -0.71 0.00	40.81 -0.64 0.00	46.99 -0.67 0.00	57.06 -0.33 0.00	107.86 0.06 0.00	95.38 -0.22 0.00	62.32 -0.16 0.00	49.23 0.02 0.00	44.47 -0.07 0.00	44.37 -0.03 0.00
EAST_RIVER___1 323558	37.62 1.30 0.00	34.66 1.20 0.00	41.72 1.22 0.00	38.06 1.10 0.00	35.97 1.01 0.00	41.08 0.96 0.00	59.35 1.27 0.00	77.27 2.32 0.00	94.52 2.91 0.00	46.07 1.60 0.00	48.10 1.59 0.00	45.13 1.75 0.00	45.98 1.66 0.00	45.48 1.76 0.00	43.60 1.98 0.00	43.43 1.98 0.00	49.76 2.10 0.00	59.87 2.48 0.00	112.07 4.28 0.00	99.21 3.61 0.00	64.77 2.28 0.00	51.10 1.89 0.00	46.26 1.72 0.00	45.92 1.52 0.00
EAST_RIVER___2 323559	37.64 1.33 0.00	34.68 1.22 0.00	41.72 1.22 0.00	38.07 1.11 0.00	35.98 1.01 0.00	41.11 0.98 0.00	59.40 1.32 0.00	77.40 2.45 0.00	94.71 3.10 0.00	46.18 1.71 0.00	48.22 1.70 0.00	45.24 1.87 0.00	46.10 1.78 0.00	45.61 1.88 0.00	43.71 2.09 0.00	43.54 2.10 0.00	49.91 2.25 0.00	60.03 2.64 0.00	112.23 4.44 0.00	99.30 3.70 0.00	64.79 2.30 0.00	51.16 1.95 0.00	46.33 1.79 0.00	45.99 1.59 0.00
EAST___DELAWARE_HYD 23607	37.04 0.72 0.00	34.08 0.63 0.00	41.19 0.69 0.00	37.55 0.59 0.00	35.50 0.53 0.00	40.60 0.48 0.00	59.01 0.93 0.00	76.59 1.64 0.00	93.50 1.89 0.00	45.21 0.74 0.00	47.08 0.57 0.00	44.01 0.63 0.00	44.42 0.10 0.00	42.88 -0.84 0.00	40.97 -0.65 0.00	40.84 -0.61 0.00	47.13 -0.53 0.00	57.12 -0.28 0.00	108.00 0.21 0.00	97.98 2.38 0.00	63.96 1.48 0.00	50.37 1.16 0.00	45.54 1.00 0.00	45.22 0.81 0.00
EIGHT_POINT___WT_PWR 323820	35.59 -0.72 0.00	32.78 -0.68 0.00	40.08 -0.42 0.00	36.87 -0.09 0.00	35.07 0.11 0.00	40.68 0.55 0.00	58.82 0.74 0.00	75.64 0.69 0.00	92.33 0.72 0.00	45.43 0.96 0.00	48.18 1.66 0.00	46.90 1.17 -2.35	45.60 1.28 0.00	45.02 1.29 0.00	42.78 1.16 0.00	42.38 0.94 0.00	48.25 0.59 0.00	57.77 0.37 0.00	108.28 0.49 0.00	95.04 -0.56 0.00	61.87 -0.61 0.00	48.70 -0.51 0.00	44.54 -0.01 0.00	45.12 0.72 0.00
ELBRIDGE_115KV_TB2 80188	35.96 -0.36 0.00	33.06 -0.39 0.00	40.08 -0.41 0.00	36.59 -0.38 0.00	34.62 -0.35 0.00	39.76 -0.37 0.00	57.54 -0.54 0.00	74.20 -0.75 0.00	90.57 -1.04 0.00	44.01 -0.45 0.00	46.08 -0.44 0.00	43.89 -0.52 -1.03	43.87 -0.44 0.00	43.21 -0.51 0.00	41.21 -0.41 0.00	40.98 -0.46 0.00	47.10 -0.56 0.00	56.85 -0.55 0.00	106.65 -1.14 0.00	94.33 -1.28 0.00	61.59 -0.89 0.00	48.57 -0.64 0.00	44.01 -0.53 0.00	43.96 -0.44 0.00
ELEC_TRO_TEK 24086	37.58 1.27 0.00	34.63 1.17 0.00	41.63 1.13 0.00	37.84 0.88 0.00	35.44 0.47 0.00	40.35 0.23 0.00	58.45 0.37 0.00	76.05 1.10 0.00	86.22 1.26 6.65	45.40 0.93 0.00	47.38 0.86 0.00	44.49 1.11 0.00	45.32 1.00 0.00	44.84 1.11 0.00	43.12 1.50 0.00	42.82 1.37 0.00	49.06 1.40 0.00	59.34 1.95 0.00	110.49 2.70 0.00	98.12 2.52 0.00	64.15 1.67 0.00	50.73 1.51 0.00	46.01 1.47 0.00	54.01 1.62 -7.99
ELLENBURG_WT_PWR 323604	36.76 0.45 0.00	33.88 0.43 0.00	41.02 0.52 0.00	37.44 0.48 0.00	35.41 0.44 0.00	40.77 0.64 0.00	59.15 1.07 0.00	76.28 1.33 0.00	93.01 1.39 0.00	45.07 0.60 0.00	47.15 0.63 0.00	43.85 0.48 0.00	44.84 0.52 0.00	44.29 0.56 0.00	42.08 0.46 0.00	41.98 0.53 0.00	48.26 0.60 0.00	58.01 0.61 0.00	109.10 1.31 0.00	96.95 1.35 0.00	63.39 0.90 0.00	49.98 0.77 0.00	45.13 0.58 0.00	44.89 0.48 0.00

ELM_ST_23_KV_LD_REV_LBMP_A 345012	36.84 0.53 0.00	33.76 0.31 0.00	41.00 0.50 0.00	37.43 0.47 0.00	35.36 0.40 0.00	40.80 0.67 0.00	58.69 0.61 0.00	74.61 -0.34 0.00	91.15 -0.46 0.00	45.28 0.81 0.00	48.26 1.74 0.00	46.58 1.22 -1.99	45.94 1.62 0.00	45.18 1.46 0.00	42.84 1.23 0.00	42.42 0.97 0.00	47.81 0.15 0.00	55.98 -1.42 0.00	104.06 -3.73 0.00	90.82 -4.79 0.00	59.02 -3.46 0.00	46.56 -2.66 0.00	43.03 -1.51 0.00	44.36 -0.04 0.00
EMPIRE_CC_1 323656	36.53 0.22 0.00	33.73 0.28 0.00	40.71 0.21 0.00	37.11 0.15 0.00	35.15 0.18 0.00	40.22 0.09 0.00	58.10 0.02 0.00	75.21 0.25 0.00	92.18 0.57 0.00	44.51 0.04 0.00	46.50 -0.02 0.00	43.46 0.08 0.00	44.47 0.15 0.00	43.91 0.18 0.00	41.78 0.16 0.00	41.51 0.07 0.00	48.00 0.33 0.00	57.92 0.53 0.00	108.73 0.94 0.00	96.64 1.04 0.00	63.31 0.82 0.00	49.85 0.63 0.00	45.07 0.53 0.00	44.73 0.32 0.00
EMPIRE_CC_2 323658	36.53 0.22 0.00	33.73 0.28 0.00	40.71 0.21 0.00	37.11 0.15 0.00	35.15 0.18 0.00	40.22 0.09 0.00	58.10 0.02 0.00	75.21 0.25 0.00	92.18 0.57 0.00	44.51 0.04 0.00	46.50 -0.02 0.00	43.46 0.08 0.00	44.47 0.15 0.00	43.91 0.18 0.00	41.78 0.16 0.00	41.51 0.07 0.00	48.00 0.33 0.00	57.92 0.53 0.00	108.73 0.94 0.00	96.64 1.04 0.00	63.31 0.82 0.00	49.85 0.63 0.00	45.07 0.53 0.00	44.73 0.32 0.00
ENORWICH_115KV_TB1 80156	37.90 1.59 0.00	34.92 1.47 0.00	42.59 2.09 0.00	38.89 1.93 0.00	36.91 1.94 0.00	42.55 2.43 0.00	62.10 4.02 0.00	80.21 5.26 0.00	97.53 5.92 0.00	47.40 2.94 0.00	49.45 2.93 0.00	64.60 2.54 -18.69	45.98 1.66 0.00	45.31 1.58 0.00	43.19 1.57 0.00	42.87 1.42 0.00	49.58 1.93 0.00	60.57 3.18 0.00	114.49 6.70 0.00	101.13 5.52 0.00	66.12 3.64 0.00	52.19 2.98 0.00	47.34 2.79 0.00	47.19 2.79 0.00
ERIE_ST__34_KV_TB1-2 80199	36.95 0.63 0.00	33.83 0.37 0.00	41.10 0.61 0.00	37.52 0.56 0.00	35.46 0.49 0.00	40.93 0.80 0.00	58.89 0.81 0.00	75.05 0.10 0.00	91.76 0.15 0.00	45.51 1.05 0.00	48.49 1.97 0.00	46.91 1.48 -2.05	46.17 1.85 0.00	45.38 1.65 0.00	43.05 1.43 0.00	42.58 1.14 0.00	48.03 0.37 0.00	56.39 -1.00 0.00	104.99 -2.80 0.00	91.69 -3.92 0.00	59.60 -2.88 0.00	46.98 -2.23 0.00	43.34 -1.20 0.00	44.60 0.20 0.00
ERIE_WT_PWR 323693	36.97 0.66 0.00	33.87 0.42 0.00	41.15 0.65 0.00	37.57 0.61 0.00	35.50 0.53 0.00	40.99 0.86 0.00	58.95 0.87 0.00	75.04 0.09 0.00	91.62 0.01 0.00	45.54 1.07 0.00	48.48 1.96 0.00	46.78 1.36 -2.04	46.09 1.77 0.00	45.34 1.62 0.00	43.04 1.42 0.00	42.59 1.15 0.00	48.02 0.36 0.00	56.30 -1.09 0.00	104.77 -3.03 0.00	91.49 -4.11 0.00	59.46 -3.03 0.00	46.88 -2.33 0.00	43.28 -1.26 0.00	44.61 0.21 0.00
ESPRGFLD_115KV_TB1 80157	37.28 0.96 0.00	34.27 0.81 0.00	41.58 1.08 0.00	38.03 1.07 0.00	36.07 1.10 0.00	41.49 1.36 0.00	60.52 2.44 0.00	78.09 3.14 0.00	94.88 3.27 0.00	46.15 1.69 0.00	48.66 2.14 0.00	39.75 2.21 5.84	45.26 0.94 0.00	44.66 0.94 0.00	42.33 0.71 0.00	42.07 0.63 0.00	48.63 0.97 0.00	58.67 1.27 0.00	110.17 2.38 0.00	97.57 1.96 0.00	63.68 1.19 0.00	50.16 0.95 0.00	45.41 0.87 0.00	45.36 0.96 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	36.83 0.51 0.00	33.84 0.38 0.00	41.10 0.60 0.00	37.50 0.54 0.00	35.49 0.52 0.00	40.78 0.65 0.00	59.02 0.93 0.00	76.18 1.23 0.00	92.91 1.30 0.00	45.13 0.66 0.00	47.14 0.62 0.00	47.69 0.35 -3.96	44.61 0.30 0.00	43.99 0.26 0.00	41.97 0.35 0.00	41.64 0.19 0.00	48.00 0.35 0.00	58.17 0.78 0.00	109.61 1.82 0.00	96.91 1.30 0.00	63.25 0.76 0.00	49.82 0.61 0.00	45.16 0.62 0.00	45.10 0.70 0.00
ETNA____115KV_TB2 80207	36.83 0.51 0.00	33.84 0.38 0.00	41.10 0.60 0.00	37.50 0.54 0.00	35.49 0.52 0.00	40.78 0.65 0.00	59.02 0.93 0.00	76.18 1.23 0.00	92.91 1.30 0.00	45.13 0.66 0.00	47.14 0.62 0.00	47.69 0.35 -3.96	44.61 0.30 0.00	43.99 0.26 0.00	41.97 0.35 0.00	41.64 0.19 0.00	48.00 0.35 0.00	58.17 0.78 0.00	109.61 1.82 0.00	96.91 1.30 0.00	63.25 0.76 0.00	49.82 0.61 0.00	45.16 0.62 0.00	45.10 0.70 0.00
EUCLID__115KV_TB2 356179	35.79 -0.52 0.00	32.92 -0.54 0.00	39.89 -0.60 0.00	36.41 -0.55 0.00	34.44 -0.53 0.00	39.53 -0.60 0.00	57.20 -0.88 0.00	73.80 -1.15 0.00	90.19 -1.42 0.00	43.85 -0.62 0.00	45.87 -0.66 0.00	43.42 -0.68 -0.73	43.69 -0.62 0.00	43.09 -0.64 0.00	41.01 -0.61 0.00	40.82 -0.63 0.00	46.89 -0.77 0.00	56.46 -0.94 0.00	106.06 -1.73 0.00	93.84 -1.76 0.00	61.29 -1.19 0.00	48.30 -0.92 0.00	43.77 -0.78 0.00	43.74 -0.66 0.00
E_CANADA_CAP_HY 24051	36.91 0.59 0.00	33.95 0.49 0.00	41.14 0.64 0.00	37.61 0.65 0.00	35.64 0.67 0.00	40.97 0.84 0.00	59.81 1.73 0.00	76.94 1.99 0.00	92.97 1.36 0.00	44.57 0.11 0.00	46.89 0.37 0.00	40.30 0.43 3.50	44.37 0.06 0.00	43.83 0.10 0.00	41.55 -0.07 0.00	41.25 -0.19 0.00	47.67 0.01 0.00	57.89 0.50 0.00	109.19 1.40 0.00	96.89 1.28 0.00	63.22 0.74 0.00	49.86 0.64 0.00	45.12 0.57 0.00	45.02 0.62 0.00
E_CANADA_MHWK_HY 24050	38.19 1.88 0.00	35.24 1.78 0.00	42.69 2.19 0.00	38.97 2.01 0.00	36.91 1.94 0.00	42.42 2.29 0.00	61.59 3.50 0.00	79.61 4.66 0.00	95.98 4.38 0.00	45.35 0.89 0.00	47.04 0.52 0.00	44.00 0.62 0.00	44.71 0.39 0.00	44.11 0.39 0.00	41.97 0.35 0.00	41.92 0.48 0.00	48.68 1.02 0.00	60.23 2.84 0.00	114.23 6.44 0.00	101.46 5.86 0.00	66.40 3.91 0.00	52.41 3.19 0.00	47.38 2.84 0.00	46.98 2.58 0.00
E_FISHKILL__LBMP 23776	37.12 0.81 0.00	34.21 0.75 0.00	41.27 0.77 0.00	37.61 0.65 0.00	35.53 0.56 0.00	40.60 0.47 0.00	58.67 0.59 0.00	76.21 1.26 0.00	93.19 1.58 0.00	45.32 0.85 0.00	47.27 0.75 0.00	44.30 0.92 0.00	45.16 0.84 0.00	44.66 0.93 0.00	42.74 1.12 0.00	42.55 1.10 0.00	48.85 1.19 0.00	58.86 1.46 0.00	110.40 2.61 0.00	97.92 2.31 0.00	63.98 1.50 0.00	50.45 1.24 0.00	45.68 1.14 0.00	45.36 0.96 0.00
FALCON__SEABRD_CC1 323796	37.09 0.78 0.00	34.21 0.75 0.00	41.44 0.95 0.00	37.81 0.85 0.00	35.76 0.79 0.00	41.17 1.04 0.00	59.61 1.53 0.00	77.06 2.10 0.00	93.92 2.31 0.00	45.45 0.99 0.00	47.51 0.99 0.00	44.13 0.75 0.00	45.11 0.79 0.00	44.59 0.87 0.00	42.35 0.73 0.00	42.38 0.94 0.00	48.71 1.05 0.00	58.41 1.01 0.00	109.77 1.98 0.00	97.69 2.08 0.00	63.82 1.34 0.00	50.51 1.30 0.00	45.56 1.02 0.00	45.18 0.78 0.00
FALCON__SEABRD_CC2 323797	37.09 0.78 0.00	34.21 0.75 0.00	41.44 0.95 0.00	37.81 0.85 0.00	35.76 0.79 0.00	41.17 1.04 0.00	59.61 1.53 0.00	77.06 2.10 0.00	93.92 2.31 0.00	45.45 0.99 0.00	47.51 0.99 0.00	44.13 0.75 0.00	45.11 0.79 0.00	44.59 0.87 0.00	42.35 0.73 0.00	42.38 0.94 0.00	48.71 1.05 0.00	58.41 1.01 0.00	109.77 1.98 0.00	97.69 2.08 0.00	63.82 1.34 0.00	50.51 1.30 0.00	45.56 1.02 0.00	45.18 0.78 0.00

FAR ROCKAWAY___4 23548	38.11 1.80 0.00	35.09 1.64 0.00	42.17 1.67 0.00	38.34 1.39 0.00	35.89 0.92 0.00	40.87 0.75 0.00	59.22 1.14 0.00	77.01 2.06 0.00	86.87 2.39 7.14	45.87 1.41 0.00	47.94 1.42 0.00	45.06 1.69 0.00	45.94 1.62 0.00	45.46 1.73 -0.01	43.68 2.06 0.00	43.35 1.91 0.00	49.70 2.04 0.00	60.13 2.74 0.00	111.99 4.20 0.00	99.34 3.74 0.00	64.94 2.46 0.00	51.41 2.20 0.00	46.61 2.07 0.00	54.00 2.18 -7.41
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	37.78 1.47 0.00	34.80 1.35 0.00	41.90 1.40 0.00	38.22 1.27 0.00	36.11 1.15 0.00	41.27 1.14 0.00	59.61 1.53 0.00	77.63 2.69 0.00	94.98 3.37 0.00	46.32 1.85 0.00	48.36 1.84 0.00	45.34 1.96 0.00	46.21 1.89 0.00	45.67 1.94 0.00	43.51 1.89 0.00	43.34 1.90 0.00	49.68 2.02 0.00	59.85 2.46 0.00	112.06 4.27 0.00	99.21 3.60 0.00	64.77 2.28 0.00	51.09 1.88 0.00	46.25 1.71 0.00	45.92 1.52 0.00
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	37.64 1.32 0.00	34.68 1.22 0.00	41.75 1.26 0.00	38.08 1.12 0.00	35.98 1.02 0.00	41.11 0.98 0.00	59.36 1.28 0.00	77.32 2.37 0.00	94.52 2.91 0.00	46.06 1.60 0.00	48.09 1.57 0.00	45.09 1.71 0.00	45.95 1.63 0.00	45.46 1.73 0.00	43.58 1.96 0.00	43.41 1.96 0.00	49.75 2.09 0.00	59.86 2.47 0.00	112.07 4.28 0.00	99.21 3.60 0.00	64.77 2.28 0.00	51.11 1.89 0.00	46.26 1.72 0.00	45.92 1.52 0.00
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	37.60 1.29 0.00	34.65 1.19 0.00	41.71 1.22 0.00	38.06 1.10 0.00	35.96 0.99 0.00	41.07 0.94 0.00	59.31 1.22 0.00	77.26 2.31 0.00	94.43 2.82 0.00	46.03 1.57 0.00	48.06 1.54 0.00	45.06 1.68 0.00	45.92 1.60 0.00	45.43 1.70 0.00	43.54 1.93 0.00	43.37 1.93 0.00	49.71 2.05 0.00	59.80 2.41 0.00	111.99 4.20 0.00	99.14 3.53 0.00	64.71 2.23 0.00	51.06 1.85 0.00	46.23 1.68 0.00	45.88 1.48 0.00
FARRAGUT___LBMP 323566	37.57 1.26 0.00	34.63 1.17 0.00	41.69 1.19 0.00	38.04 1.08 0.00	35.94 0.97 0.00	41.05 0.92 0.00	59.27 1.19 0.00	77.18 2.23 0.00	94.34 2.73 0.00	45.99 1.53 0.00	48.01 1.49 0.00	45.01 1.64 0.00	45.87 1.55 0.00	45.38 1.66 0.00	43.51 1.89 0.00	43.34 1.90 0.00	49.66 2.00 0.00	59.75 2.35 0.00	111.89 4.10 0.00	99.09 3.48 0.00	64.66 2.18 0.00	51.03 1.81 0.00	46.20 1.66 0.00	45.86 1.46 0.00
FENNER___WINDPWR 24204	37.05 0.73 0.00	34.10 0.64 0.00	41.36 0.86 0.00	37.79 0.83 0.00	35.74 0.78 0.00	41.08 0.95 0.00	59.66 1.58 0.00	77.02 2.07 0.00	94.02 2.40 0.00	45.50 1.04 0.00	47.45 0.93 0.00	45.25 0.59 -1.28	44.70 0.38 0.00	44.07 0.35 0.00	41.95 0.33 0.00	41.89 0.44 0.00	48.30 0.64 0.00	58.49 1.10 0.00	110.43 2.63 0.00	97.70 2.10 0.00	63.86 1.38 0.00	50.31 1.09 0.00	45.51 0.97 0.00	45.34 0.94 0.00
FIBERTEK___ENERGY 23856	36.10 -0.21 0.00	33.20 -0.26 0.00	40.24 -0.25 0.00	36.73 -0.23 0.00	34.76 -0.21 0.00	39.91 -0.22 0.00	57.78 -0.30 0.00	74.55 -0.40 0.00	91.03 -0.58 0.00	44.21 -0.25 0.00	46.21 -0.31 0.00	43.95 -0.38 -0.95	44.04 -0.27 0.00	43.41 -0.32 0.00	41.37 -0.25 0.00	41.16 -0.28 0.00	47.34 -0.32 0.00	57.10 -0.29 0.00	107.28 -0.51 0.00	94.89 -0.71 0.00	61.97 -0.52 0.00	48.84 -0.38 0.00	44.24 -0.30 0.00	44.17 -0.23 0.00
FITZPATRICK___ 23598	35.30 -1.02 0.00	32.49 -0.97 0.00	39.34 -1.15 0.00	35.92 -1.05 0.00	33.99 -0.98 0.00	39.00 -1.13 0.00	56.44 -1.64 0.00	72.81 -2.14 0.00	89.00 -2.61 0.00	43.24 -1.23 0.00	45.25 -1.27 0.00	42.13 -1.24 0.00	43.08 -1.24 0.00	42.49 -1.24 0.00	40.45 -1.17 0.00	40.27 -1.18 0.00	46.26 -1.40 0.00	55.70 -1.70 0.00	104.60 -3.19 0.00	92.60 -3.00 0.00	60.49 -2.00 0.00	47.66 -1.55 0.00	43.19 -1.36 0.00	43.13 -1.28 0.00
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	37.64 1.33 0.00	34.67 1.21 0.00	41.84 1.34 0.00	38.13 1.17 0.00	36.04 1.07 0.00	41.21 1.09 0.00	59.73 1.65 0.00	77.58 2.63 0.00	94.80 3.19 0.00	45.97 1.51 0.00	47.94 1.42 0.00	44.88 1.51 0.00	45.73 1.41 0.00	45.21 1.48 0.00	43.25 1.63 0.00	43.10 1.66 0.00	49.59 1.93 0.00	59.85 2.46 0.00	112.35 4.56 0.00	99.63 4.03 0.00	65.04 2.55 0.00	51.24 2.02 0.00	46.34 1.80 0.00	46.01 1.61 0.00
FORT ORANGE___ 23900	36.39 0.08 0.00	33.61 0.15 0.00	40.53 0.03 0.00	36.98 0.02 0.00	35.04 0.07 0.00	39.90 -0.23 0.00	57.65 -0.43 0.00	74.59 -0.36 0.00	91.30 -0.31 0.00	44.05 -0.42 0.00	45.94 -0.58 0.00	42.94 -0.43 0.00	44.01 -0.31 0.00	43.42 -0.31 0.00	41.38 -0.23 0.00	41.20 -0.24 0.00	47.65 -0.01 0.00	57.63 0.24 0.00	108.46 0.67 0.00	96.36 0.75 0.00	63.07 0.59 0.00	49.63 0.42 0.00	44.85 0.31 0.00	44.51 0.11 0.00
FORT_DRUM_COGEN 23780	38.00 1.69 0.00	35.00 1.54 0.00	42.65 2.15 0.00	39.13 2.17 0.00	37.11 2.15 0.00	42.76 2.63 0.00	62.60 4.51 0.00	80.89 5.94 0.00	98.21 6.60 0.00	46.88 2.41 0.00	47.47 0.95 0.00	43.71 0.34 0.00	44.24 -0.08 0.00	43.70 -0.03 0.00	41.47 -0.15 0.00	41.58 0.13 0.00	48.33 0.67 0.00	59.71 2.32 0.00	114.26 6.47 0.00	100.93 5.32 0.00	65.96 3.48 0.00	52.16 2.95 0.00	46.95 2.40 0.00	46.73 2.33 0.00
FOX_HILLS___ESR 323835	37.68 1.37 0.00	34.72 1.27 0.00	41.76 1.26 0.00	38.17 1.21 0.00	36.10 1.13 0.00	41.18 1.05 0.00	59.16 1.08 0.00	76.98 2.03 0.00	94.09 2.48 0.00	45.93 1.47 0.00	47.87 1.35 0.00	44.90 1.53 0.00	45.72 1.40 0.00	45.28 1.55 0.00	43.53 1.91 0.00	43.36 1.91 0.00	49.57 1.91 0.00	59.58 2.19 0.00	111.54 3.75 0.00	98.87 3.26 0.00	64.61 2.13 0.00	51.03 1.81 0.00	46.21 1.67 0.00	45.82 1.42 0.00
FPL_FAR_ROCK_GT1 24212	38.12 1.80 0.00	35.10 1.63 0.00	42.18 1.68 0.00	38.35 1.39 0.00	35.89 0.93 0.00	40.87 0.75 0.00	59.23 1.15 0.00	77.01 2.06 0.00	86.86 2.39 7.14	45.87 1.41 0.00	47.95 1.43 0.00	45.08 1.70 0.00	45.94 1.62 0.00	45.47 1.73 -0.01	43.68 2.06 0.00	43.35 1.91 0.00	49.71 2.04 0.00	60.13 2.74 0.00	112.00 4.20 0.00	99.34 3.73 0.00	64.94 2.46 0.00	51.41 2.20 0.00	46.61 2.07 0.00	53.99 2.17 -7.41
FPL_FAR_ROCK_GT2 23815	38.12 1.80 0.00	35.10 1.63 0.00	42.18 1.68 0.00	38.35 1.39 0.00	35.89 0.93 0.00	40.87 0.75 0.00	59.23 1.15 0.00	77.01 2.06 0.00	86.86 2.39 7.14	45.87 1.41 0.00	47.95 1.43 0.00	45.08 1.70 0.00	45.94 1.62 0.00	45.47 1.73 -0.01	43.68 2.06 0.00	43.35 1.91 0.00	49.71 2.04 0.00	60.13 2.74 0.00	112.00 4.20 0.00	99.34 3.73 0.00	64.94 2.46 0.00	51.41 2.20 0.00	46.61 2.07 0.00	53.99 2.17 -7.41
FRANKLIN_FALL_HYD 24054	37.41 1.09 0.00	34.47 1.01 0.00	41.75 1.25 0.00	38.14 1.18 0.00	36.06 1.09 0.00	41.53 1.40 0.00	60.39 2.31 0.00	77.97 3.02 0.00	95.18 3.57 0.00	45.93 1.47 0.00	47.92 1.40 0.00	44.49 1.12 0.00	45.47 1.15 0.00	44.87 1.14 0.00	42.60 0.98 0.00	42.46 1.01 0.00	48.93 1.27 0.00	58.96 1.57 0.00	111.20 3.41 0.00	98.93 3.32 0.00	64.79 2.30 0.00	51.08 1.86 0.00	46.06 1.52 0.00	45.73 1.33 0.00

FREEPORT_EQUS_GT1 23764	37.71 1.39 0.00	34.77 1.32 0.00	41.77 1.27 0.00	37.95 0.99 0.00	35.46 0.50 0.00	40.32 0.19 0.00	57.68 0.20 0.61	75.42 0.97 0.50	84.89 1.09 7.81	45.17 0.96 0.26	47.32 0.88 0.07	44.38 1.13 0.13	45.29 1.00 0.04	44.81 1.11 0.02	43.14 1.52 0.00	42.85 1.40 0.00	49.04 1.46 0.09	58.36 2.02 1.05	108.32 2.59 2.06	96.10 2.42 1.93	62.81 1.82 1.49	49.63 1.67 1.25	46.10 1.65 0.08	52.42 1.87 -6.14
FREEPORT___CT2 23818	37.71 1.39 0.00	34.77 1.32 0.00	41.77 1.27 0.00	37.95 0.99 0.00	35.46 0.50 0.00	40.32 0.19 0.00	57.68 0.20 0.61	75.42 0.97 0.50	84.89 1.09 7.81	45.17 0.96 0.26	47.32 0.88 0.07	44.38 1.13 0.13	45.29 1.00 0.04	44.81 1.11 0.02	43.14 1.52 0.00	42.85 1.40 0.00	49.04 1.46 0.09	58.36 2.02 1.05	108.32 2.59 2.06	96.10 2.42 1.93	62.81 1.82 1.49	49.63 1.67 1.25	46.10 1.65 0.08	52.42 1.87 -6.14
FRESHKLS_33_KV_LOAD 356253	37.90 1.59 0.00	34.94 1.48 0.00	42.00 1.50 0.00	38.41 1.45 0.00	36.33 1.37 0.00	41.44 1.30 0.00	59.28 1.20 0.00	76.92 1.97 0.00	94.00 2.39 0.00	45.88 1.42 0.00	47.79 1.27 0.00	44.85 1.47 0.00	45.64 1.33 0.00	45.21 1.48 0.00	43.54 1.93 0.00	43.39 1.95 0.00	49.54 1.89 0.00	59.59 2.19 0.00	111.55 3.76 0.00	98.89 3.28 0.00	64.68 2.20 0.00	51.06 1.84 0.00	46.24 1.70 0.00	45.84 1.44 0.00
FULTON COGEN____ 23766	35.64 -0.67 0.00	32.79 -0.66 0.00	39.73 -0.77 0.00	36.27 -0.69 0.00	34.32 -0.65 0.00	39.39 -0.74 0.00	57.03 -1.05 0.00	73.62 -1.33 0.00	90.00 -1.60 0.00	43.69 -0.78 0.00	45.65 -0.87 0.00	42.47 -0.90 0.00	43.46 -0.86 0.00	42.86 -0.86 0.00	40.77 -0.84 0.00	40.60 -0.85 0.00	46.72 -0.94 0.00	56.30 -1.09 0.00	105.89 -1.90 0.00	93.73 -1.88 0.00	61.18 -1.31 0.00	48.20 -1.01 0.00	43.66 -0.88 0.00	43.60 -0.80 0.00
FULTON___LFGE 323630	37.43 1.11 0.00	34.44 0.98 0.00	41.68 1.18 0.00	38.06 1.10 0.00	36.05 1.09 0.00	41.45 1.32 0.00	60.50 2.41 0.00	78.12 3.17 0.00	94.22 2.61 0.00	44.65 0.19 0.00	46.75 0.23 0.00	41.10 0.16 2.44	44.47 0.16 0.00	43.90 0.17 0.00	41.73 0.11 0.00	41.53 0.08 0.00	48.18 0.52 0.00	58.95 1.55 0.00	111.32 3.53 0.00	98.85 3.24 0.00	64.52 2.04 0.00	50.79 1.58 0.00	45.90 1.36 0.00	45.69 1.28 0.00
G.F.CEMENT___DRP 24184	37.59 1.28 0.00	34.69 1.23 0.00	41.96 1.46 0.00	38.21 1.25 0.00	36.16 1.20 0.00	41.50 1.38 0.00	60.41 2.32 0.00	78.38 3.43 0.00	95.14 3.53 0.00	44.97 0.50 0.00	46.66 0.14 0.00	42.57 -0.04 0.76	44.85 0.53 0.00	44.23 0.51 0.00	42.15 0.53 0.00	42.23 0.79 0.00	49.20 1.55 0.00	59.79 2.40 0.00	112.78 4.99 0.00	100.41 4.80 0.00	65.63 3.15 0.00	51.52 2.31 0.00	46.49 1.95 0.00	45.94 1.54 0.00
GARDENVILLE___LBMP 24039	36.83 0.52 0.00	33.77 0.31 0.00	41.04 0.54 0.00	37.49 0.53 0.00	35.43 0.46 0.00	40.88 0.75 0.00	58.80 0.72 0.00	74.84 -0.11 0.00	91.43 -0.18 0.00	45.37 0.91 0.00	48.35 1.83 0.00	46.74 1.29 -2.07	45.98 1.67 0.00	45.25 1.52 0.00	42.91 1.30 0.00	42.46 1.01 0.00	47.89 0.23 0.00	56.21 -1.19 0.00	104.59 -3.20 0.00	91.32 -4.28 0.00	59.36 -3.12 0.00	46.81 -2.40 0.00	43.22 -1.32 0.00	44.53 0.13 0.00
GARDNVLA_35_KV_LD 355827	37.05 0.73 0.00	33.94 0.48 0.00	41.23 0.73 0.00	37.65 0.69 0.00	35.57 0.60 0.00	41.08 0.95 0.00	59.13 1.05 0.00	75.29 0.34 0.00	92.00 0.39 0.00	45.67 1.20 0.00	48.64 2.12 0.00	47.00 1.59 -2.04	46.26 1.94 0.00	45.51 1.79 0.00	43.17 1.55 0.00	42.75 1.31 0.00	48.21 0.55 0.00	56.54 -0.86 0.00	105.24 -2.55 0.00	91.91 -3.70 0.00	59.71 -2.78 0.00	47.06 -2.16 0.00	43.42 -1.12 0.00	44.73 0.33 0.00
GELCKHM___115KV_LOAD 80723	35.90 -0.41 0.00	33.03 -0.43 0.00	40.03 -0.47 0.00	36.52 -0.43 0.00	34.57 -0.40 0.00	39.68 -0.45 0.00	57.43 -0.65 0.00	74.09 -0.86 0.00	90.54 -1.07 0.00	43.99 -0.47 0.00	45.99 -0.53 0.00	43.62 -0.56 -0.81	43.84 -0.48 0.00	43.21 -0.51 0.00	41.15 -0.47 0.00	40.95 -0.49 0.00	47.06 -0.60 0.00	56.71 -0.68 0.00	106.55 -1.25 0.00	94.27 -1.33 0.00	61.55 -0.94 0.00	48.50 -0.72 0.00	43.94 -0.60 0.00	43.89 -0.51 0.00
GENERAL___MILLS 23808	36.94 0.62 0.00	33.84 0.39 0.00	41.13 0.63 0.00	37.55 0.59 0.00	35.48 0.51 0.00	40.96 0.83 0.00	58.92 0.84 0.00	74.99 0.04 0.00	91.62 0.01 0.00	45.49 1.02 0.00	48.45 1.93 0.00	46.82 1.40 -2.04	46.10 1.78 0.00	45.33 1.61 0.00	43.01 1.39 0.00	42.57 1.13 0.00	48.00 0.34 0.00	56.28 -1.12 0.00	104.71 -3.08 0.00	91.45 -4.16 0.00	59.44 -3.05 0.00	46.86 -2.36 0.00	43.25 -1.29 0.00	44.58 0.18 0.00
GE_PLASTICS___DRP 24183	36.42 0.10 0.00	33.61 0.15 0.00	40.58 0.08 0.00	37.03 0.07 0.00	35.07 0.10 0.00	40.13 0.00 0.00	57.98 -0.10 0.00	75.00 0.05 0.00	91.75 0.14 0.00	44.37 -0.10 0.00	46.30 -0.22 0.00	43.28 -0.10 0.00	44.30 -0.01 0.00	43.72 0.00 0.00	41.67 0.05 0.00	41.48 0.04 0.00	47.79 0.13 0.00	57.67 0.27 0.00	108.23 0.44 0.00	96.16 0.55 0.00	62.95 0.46 0.00	49.55 0.34 0.00	44.79 0.25 0.00	44.50 0.10 0.00
GILBOA___1 23756	36.74 0.43 0.00	33.87 0.41 0.00	41.08 0.59 0.00	37.47 0.51 0.00	35.44 0.48 0.00	40.44 0.31 0.00	58.34 0.26 0.00	75.29 0.34 0.00	92.20 0.59 0.00	44.89 0.42 0.00	46.95 0.43 0.00	44.05 0.67 0.00	44.92 0.60 0.00	44.34 0.62 0.00	42.14 0.52 0.00	41.94 0.50 0.00	48.23 0.57 0.00	58.08 0.68 0.00	108.52 0.72 0.00	96.51 0.90 0.00	63.31 0.83 0.00	49.84 0.63 0.00	45.09 0.55 0.00	44.84 0.44 0.00
GILBOA___2 23757	36.74 0.43 0.00	33.87 0.41 0.00	41.08 0.59 0.00	37.47 0.51 0.00	35.44 0.48 0.00	40.44 0.31 0.00	58.34 0.26 0.00	75.29 0.34 0.00	92.20 0.59 0.00	44.89 0.42 0.00	46.95 0.43 0.00	44.05 0.67 0.00	44.92 0.60 0.00	44.34 0.62 0.00	42.14 0.52 0.00	41.94 0.50 0.00	48.23 0.57 0.00	58.08 0.68 0.00	108.52 0.72 0.00	96.51 0.90 0.00	63.31 0.83 0.00	49.84 0.63 0.00	45.09 0.55 0.00	44.84 0.44 0.00
GILBOA___3 23758	36.74 0.43 0.00	33.87 0.41 0.00	41.08 0.59 0.00	37.47 0.51 0.00	35.44 0.48 0.00	40.44 0.31 0.00	58.34 0.26 0.00	75.29 0.34 0.00	92.20 0.59 0.00	44.89 0.42 0.00	46.95 0.43 0.00	44.05 0.67 0.00	44.92 0.60 0.00	44.34 0.62 0.00	42.14 0.52 0.00	41.94 0.50 0.00	48.23 0.57 0.00	58.08 0.68 0.00	108.52 0.72 0.00	96.51 0.90 0.00	63.31 0.83 0.00	49.84 0.63 0.00	45.09 0.55 0.00	44.84 0.44 0.00
GILBOA___4 23759	36.74 0.43 0.00	33.87 0.41 0.00	41.08 0.59 0.00	37.47 0.51 0.00	35.44 0.48 0.00	40.44 0.31 0.00	58.34 0.26 0.00	75.29 0.34 0.00	92.20 0.59 0.00	44.89 0.42 0.00	46.95 0.43 0.00	44.05 0.67 0.00	44.92 0.60 0.00	44.34 0.62 0.00	42.14 0.52 0.00	41.94 0.50 0.00	48.23 0.57 0.00	58.08 0.68 0.00	108.52 0.72 0.00	96.51 0.90 0.00	63.31 0.83 0.00	49.84 0.63 0.00	45.09 0.55 0.00	44.84 0.44 0.00

GILBOA____ 23599	36.74 0.43 0.00	33.87 0.41 0.00	41.08 0.59 0.00	37.47 0.51 0.00	35.44 0.48 0.00	40.44 0.31 0.00	58.33 0.25 0.00	75.29 0.34 0.00	92.20 0.59 0.00	44.89 0.42 0.00	46.95 0.42 0.00	44.04 0.67 0.00	44.92 0.60 0.00	44.34 0.62 0.00	42.14 0.52 0.00	41.94 0.50 0.00	48.23 0.57 0.00	58.08 0.68 0.00	108.49 0.70 0.00	96.51 0.91 0.00	63.31 0.83 0.00	49.84 0.63 0.00	45.09 0.55 0.00	44.84 0.44 0.00
GINNA____ 23603	34.96 -1.35 0.00	32.11 -1.34 0.00	38.89 -1.61 0.00	35.49 -1.47 0.00	33.58 -1.39 0.00	38.67 -1.46 0.00	56.14 -1.95 0.00	72.15 -2.80 0.00	88.09 -3.52 0.00	43.20 -1.26 0.00	45.47 -1.05 0.00	41.29 -1.34 0.74	43.14 -1.17 0.00	42.46 -1.27 0.00	40.29 -1.33 0.00	40.00 -1.45 0.00	45.80 -1.86 0.00	54.63 -2.77 0.00	102.21 -5.58 0.00	89.91 -5.70 0.00	58.55 -3.93 0.00	46.11 -3.11 0.00	41.96 -2.59 0.00	42.34 -2.06 0.00
GLEN PARK____ 23778	38.18 1.86 0.00	35.14 1.68 0.00	42.83 2.33 0.00	39.30 2.34 0.00	37.28 2.32 0.00	42.96 2.83 0.00	62.95 4.87 0.00	81.35 6.40 0.00	98.74 7.13 0.00	47.01 2.54 0.00	47.40 0.88 0.00	43.62 0.25 0.00	44.18 -0.14 0.00	43.64 -0.08 0.00	41.42 -0.20 0.00	41.52 0.07 0.00	48.36 0.70 0.00	59.86 2.47 0.00	114.90 7.11 0.00	101.47 5.86 0.00	66.26 3.77 0.00	52.39 3.18 0.00	47.13 2.59 0.00	46.91 2.51 0.00
GLENDALE_27_KV_LOAD 356172	37.61 1.29 0.00	34.68 1.22 0.00	41.71 1.21 0.00	38.13 1.17 0.00	36.06 1.09 0.00	41.15 1.02 0.00	59.34 1.26 0.00	77.34 2.39 0.00	94.57 2.96 0.00	46.16 1.69 0.00	48.16 1.64 0.00	45.18 1.80 0.00	46.03 1.71 0.00	45.54 1.81 0.00	43.70 2.09 0.00	43.50 2.06 0.00	49.82 2.16 0.00	59.86 2.46 0.00	112.09 4.30 0.00	99.25 3.64 0.00	64.80 2.31 0.00	51.15 1.94 0.00	46.31 1.77 0.00	45.97 1.56 0.00
GLENWOOD_IC_1_G5 23712	37.70 1.38 0.00	34.74 1.28 0.00	41.80 1.30 0.00	38.03 1.08 0.00	35.74 0.77 0.00	40.75 0.62 0.00	59.00 0.92 0.00	76.79 1.84 0.00	89.58 2.21 4.24	45.77 1.30 0.00	47.79 1.27 0.00	44.84 1.46 0.00	45.69 1.38 0.00	45.21 1.49 0.00	43.40 1.78 0.00	43.15 1.70 0.00	49.46 1.81 0.00	59.73 2.34 0.00	111.54 3.75 0.00	98.88 3.27 0.00	64.63 2.15 0.00	51.03 1.81 0.00	46.25 1.71 0.00	53.92 1.72 -7.80
GLENWOOD_IC_2_G1 23688	37.55 1.23 0.00	34.60 1.15 0.00	41.66 1.16 0.00	37.93 0.96 0.00	35.70 0.74 0.00	40.73 0.61 0.00	58.94 0.85 0.00	76.67 1.72 0.00	93.50 2.11 0.21	45.68 1.21 0.00	47.67 1.15 0.00	44.74 1.36 0.00	45.58 1.27 0.00	45.09 1.36 0.00	43.25 1.64 0.00	43.02 1.58 0.00	49.33 1.67 0.00	59.52 2.13 0.00	111.27 3.48 0.00	98.66 3.06 0.00	64.45 1.96 0.00	50.88 1.66 0.00	46.10 1.55 0.00	46.24 1.51 -0.33
GLENWOOD_IC_3_G1 23689	37.55 1.23 0.00	34.60 1.15 0.00	41.66 1.16 0.00	37.93 0.96 0.00	35.70 0.74 0.00	40.73 0.61 0.00	58.94 0.85 0.00	76.67 1.72 0.00	93.50 2.11 0.21	45.68 1.21 0.00	47.67 1.15 0.00	44.74 1.36 0.00	45.58 1.27 0.00	45.09 1.36 0.00	43.25 1.64 0.00	43.02 1.58 0.00	49.33 1.67 0.00	59.52 2.13 0.00	111.27 3.48 0.00	98.66 3.06 0.00	64.45 1.96 0.00	50.88 1.66 0.00	46.10 1.55 0.00	46.24 1.51 -0.33
GLENWOOD____4 23550	37.70 1.38 0.00	34.74 1.28 0.00	41.80 1.30 0.00	38.03 1.08 0.00	35.74 0.77 0.00	40.75 0.62 0.00	59.00 0.92 0.00	76.79 1.84 0.00	89.58 2.21 4.24	45.77 1.30 0.00	47.79 1.27 0.00	44.84 1.46 0.00	45.69 1.38 0.00	45.21 1.49 0.00	43.40 1.78 0.00	43.15 1.70 0.00	49.46 1.81 0.00	59.73 2.34 0.00	111.54 3.75 0.00	98.88 3.27 0.00	64.63 2.15 0.00	51.03 1.81 0.00	46.25 1.71 0.00	53.92 1.72 -7.80
GLENWOOD____5 23614	37.70 1.38 0.00	34.74 1.28 0.00	41.80 1.30 0.00	38.03 1.08 0.00	35.74 0.77 0.00	40.75 0.62 0.00	59.00 0.92 0.00	76.79 1.84 0.00	89.58 2.21 4.24	45.77 1.30 0.00	47.79 1.27 0.00	44.84 1.46 0.00	45.69 1.38 0.00	45.21 1.49 0.00	43.40 1.78 0.00	43.15 1.70 0.00	49.46 1.81 0.00	59.73 2.34 0.00	111.54 3.75 0.00	98.88 3.27 0.00	64.63 2.15 0.00	51.03 1.81 0.00	46.25 1.71 0.00	53.92 1.72 -7.80
GLOBAL GREEN_PORT_GT1 23814	36.28 -0.04 0.00	33.46 0.01 0.00	40.13 -0.37 0.00	36.48 -0.48 0.00	34.05 -0.92 0.00	38.63 -1.49 0.00	48.10 -2.10 7.88	64.12 -1.83 9.00	42.22 -2.54 46.85	23.38 -0.96 20.13	43.51 -1.40 1.61	38.36 -0.55 4.47	40.79 -0.56 2.97	35.28 -0.47 7.98	28.97 0.20 12.84	39.47 0.57 2.55	44.66 1.33 4.33	38.56 2.89 21.72	76.48 4.25 35.57	69.28 3.68 30.01	45.71 2.45 19.22	37.12 2.35 14.44	38.06 2.43 8.91	51.67 2.83 -4.43
GLOBE____DSASP 323697	36.37 0.06 0.00	33.35 -0.10 0.00	40.45 -0.04 0.00	36.92 -0.04 0.00	34.88 -0.08 0.00	40.23 0.10 0.00	57.83 -0.25 0.00	73.00 -1.95 0.00	88.90 -2.71 0.00	44.32 -0.14 0.00	47.52 1.00 0.00	45.76 0.42 -1.96	45.30 0.97 0.00	44.53 0.81 0.00	42.21 0.59 0.00	41.79 0.34 0.00	47.03 -0.63 0.00	54.58 -2.81 0.00	100.76 -7.04 0.00	87.83 -7.77 0.00	57.11 -5.37 0.00	45.14 -4.07 0.00	42.10 -2.45 0.00	43.79 -0.61 0.00
GOETHSLN____LBMP 323567	37.40 1.08 0.00	34.47 1.02 0.00	41.48 0.98 0.00	37.84 0.89 0.00	35.76 0.79 0.00	40.85 0.72 0.00	58.99 0.91 0.00	76.89 1.94 0.00	93.96 2.35 0.00	45.79 1.33 0.00	47.80 1.28 0.00	44.81 1.43 0.00	45.67 1.36 0.00	45.17 1.45 0.00	43.34 1.72 0.00	43.18 1.74 0.00	49.46 1.80 0.00	59.50 2.10 0.00	111.37 3.58 0.00	98.61 3.01 0.00	64.36 1.88 0.00	50.82 1.61 0.00	46.00 1.45 0.00	45.65 1.25 0.00
GOLAH____69_KV_TB 1_2 80279	37.24 0.93 0.00	34.20 0.74 0.00	41.41 0.92 0.00	37.81 0.85 0.00	35.78 0.81 0.00	41.36 1.24 0.00	59.85 1.77 0.00	76.41 1.46 0.00	93.24 1.63 0.00	45.87 1.40 0.00	48.51 2.00 0.00	47.74 1.60 -2.76	46.00 1.68 0.00	45.28 1.56 0.00	43.23 1.61 0.00	42.63 1.19 0.00	48.42 0.76 0.00	57.45 0.06 0.00	107.40 -0.40 0.00	94.27 -1.33 0.00	61.34 -1.15 0.00	48.32 -0.89 0.00	44.16 -0.38 0.00	44.92 0.52 0.00
GOODYEAR_LAKE_HYD 323669	37.56 1.24 0.00	34.54 1.09 0.00	41.89 1.39 0.00	38.28 1.32 0.00	36.33 1.36 0.00	41.72 1.59 0.00	60.71 2.63 0.00	78.50 3.55 0.00	95.73 4.12 0.00	46.66 2.20 0.00	49.10 2.58 0.00	35.94 2.80 10.23	45.59 1.27 0.00	44.98 1.25 0.00	42.67 1.05 0.00	42.48 1.04 0.00	49.08 1.42 0.00	59.17 1.78 0.00	110.87 3.08 0.00	98.22 2.62 0.00	64.19 1.70 0.00	50.54 1.33 0.00	45.76 1.22 0.00	45.63 1.23 0.00
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	36.59 0.28 0.00	33.61 0.15 0.00	40.86 0.36 0.00	37.28 0.32 0.00	35.25 0.29 0.00	40.48 0.35 0.00	58.29 0.22 0.00	75.22 0.26 0.00	92.01 0.40 0.00	44.82 0.36 0.00	47.12 0.60 0.00	47.40 0.57 -3.46	44.92 0.61 0.00	44.27 0.55 0.00	42.14 0.52 0.00	41.84 0.39 0.00	47.90 0.24 0.00	57.69 0.30 0.00	108.45 0.66 0.00	95.77 0.16 0.00	62.48 -0.01 0.00	49.22 0.00 0.00	44.72 0.17 0.00	44.74 0.34 0.00

GOUDEY___7 23579	36.59 0.28 0.00	33.61 0.15 0.00	40.86 0.36 0.00	37.28 0.32 0.00	35.25 0.29 0.00	40.48 0.35 0.00	58.29 0.22 0.00	75.22 0.26 0.00	92.01 0.40 0.00	44.82 0.36 0.00	47.12 0.60 0.00	47.40 0.57 -3.46	44.92 0.61 0.00	44.27 0.55 0.00	42.14 0.52 0.00	41.84 0.39 0.00	47.90 0.24 0.00	57.69 0.30 0.00	108.45 0.66 0.00	95.77 0.16 0.00	62.48 -0.01 0.00	49.22 0.00 0.00	44.72 0.17 0.00	44.74 0.34 0.00
GOUDEY___8 23580	36.59 0.28 0.00	33.61 0.15 0.00	40.86 0.36 0.00	37.28 0.32 0.00	35.25 0.29 0.00	40.48 0.35 0.00	58.29 0.22 0.00	75.22 0.26 0.00	92.01 0.40 0.00	44.82 0.36 0.00	47.12 0.60 0.00	47.40 0.57 -3.46	44.92 0.61 0.00	44.27 0.55 0.00	42.14 0.52 0.00	41.84 0.39 0.00	47.90 0.24 0.00	57.69 0.30 0.00	108.45 0.66 0.00	95.77 0.16 0.00	62.48 -0.01 0.00	49.22 0.00 0.00	44.72 0.17 0.00	44.74 0.34 0.00
GOWANUS_GT1_1 24077	37.56 1.25 0.00	34.61 1.16 0.00	41.63 1.13 0.00	38.05 1.09 0.00	35.98 1.01 0.00	41.05 0.92 0.00	59.20 1.12 0.00	77.23 2.28 0.00	94.43 2.82 0.00	46.07 1.61 0.00	48.05 1.53 0.00	45.06 1.68 0.00	45.89 1.57 0.00	45.44 1.72 0.00	43.64 2.02 0.00	43.44 2.00 0.00	49.71 2.05 0.00	59.75 2.35 0.00	111.83 4.04 0.00	99.04 3.43 0.00	64.73 2.25 0.00	51.13 1.92 0.00	46.30 1.76 0.00	45.94 1.54 0.00
GOWANUS_GT1_2 24078	37.56 1.25 0.00	34.61 1.16 0.00	41.63 1.13 0.00	38.05 1.09 0.00	35.98 1.01 0.00	41.05 0.92 0.00	59.20 1.12 0.00	77.23 2.28 0.00	94.43 2.82 0.00	46.07 1.61 0.00	48.05 1.53 0.00	45.06 1.68 0.00	45.89 1.57 0.00	45.44 1.72 0.00	43.64 2.02 0.00	43.44 2.00 0.00	49.71 2.05 0.00	59.75 2.35 0.00	111.83 4.04 0.00	99.04 3.43 0.00	64.73 2.25 0.00	51.13 1.92 0.00	46.30 1.76 0.00	45.94 1.54 0.00
GOWANUS_GT1_3 24079	37.56 1.25 0.00	34.61 1.16 0.00	41.63 1.13 0.00	38.05 1.09 0.00	35.98 1.01 0.00	41.05 0.92 0.00	59.20 1.12 0.00	77.23 2.28 0.00	94.43 2.82 0.00	46.07 1.61 0.00	48.05 1.53 0.00	45.06 1.68 0.00	45.89 1.57 0.00	45.44 1.72 0.00	43.64 2.02 0.00	43.44 2.00 0.00	49.71 2.05 0.00	59.75 2.35 0.00	111.83 4.04 0.00	99.04 3.43 0.00	64.73 2.25 0.00	51.13 1.92 0.00	46.30 1.76 0.00	45.94 1.54 0.00
GOWANUS_GT1_4 24080	37.56 1.25 0.00	34.61 1.16 0.00	41.63 1.13 0.00	38.05 1.09 0.00	35.98 1.01 0.00	41.05 0.92 0.00	59.20 1.12 0.00	77.23 2.28 0.00	94.43 2.82 0.00	46.07 1.61 0.00	48.05 1.53 0.00	45.06 1.68 0.00	45.89 1.57 0.00	45.44 1.72 0.00	43.64 2.02 0.00	43.44 2.00 0.00	49.71 2.05 0.00	59.75 2.35 0.00	111.83 4.04 0.00	99.04 3.43 0.00	64.73 2.25 0.00	51.13 1.92 0.00	46.30 1.76 0.00	45.94 1.54 0.00
GOWANUS_GT1_5 24084	37.56 1.25 0.00	34.61 1.16 0.00	41.63 1.13 0.00	38.05 1.09 0.00	35.98 1.01 0.00	41.05 0.92 0.00	59.20 1.12 0.00	77.23 2.28 0.00	94.43 2.82 0.00	46.07 1.61 0.00	48.05 1.53 0.00	45.06 1.68 0.00	45.89 1.57 0.00	45.44 1.72 0.00	43.64 2.02 0.00	43.44 2.00 0.00	49.71 2.05 0.00	59.75 2.35 0.00	111.83 4.04 0.00	99.04 3.43 0.00	64.73 2.25 0.00	51.13 1.92 0.00	46.30 1.76 0.00	45.94 1.54 0.00
GOWANUS_GT1_6 24111	37.56 1.25 0.00	34.61 1.16 0.00	41.63 1.13 0.00	38.05 1.09 0.00	35.98 1.01 0.00	41.05 0.92 0.00	59.20 1.12 0.00	77.23 2.28 0.00	94.43 2.82 0.00	46.07 1.61 0.00	48.05 1.53 0.00	45.06 1.68 0.00	45.89 1.57 0.00	45.44 1.72 0.00	43.64 2.02 0.00	43.44 2.00 0.00	49.71 2.05 0.00	59.75 2.35 0.00	111.83 4.04 0.00	99.04 3.43 0.00	64.73 2.25 0.00	51.13 1.92 0.00	46.30 1.76 0.00	45.94 1.54 0.00
GOWANUS_GT1_7 24112	37.56 1.25 0.00	34.61 1.16 0.00	41.63 1.13 0.00	38.05 1.09 0.00	35.98 1.01 0.00	41.05 0.92 0.00	59.20 1.12 0.00	77.23 2.28 0.00	94.43 2.82 0.00	46.07 1.61 0.00	48.05 1.53 0.00	45.06 1.68 0.00	45.89 1.57 0.00	45.44 1.72 0.00	43.64 2.02 0.00	43.44 2.00 0.00	49.71 2.05 0.00	59.75 2.35 0.00	111.83 4.04 0.00	99.04 3.43 0.00	64.73 2.25 0.00	51.13 1.92 0.00	46.30 1.76 0.00	45.94 1.54 0.00
GOWANUS_GT1_8 24113	37.56 1.25 0.00	34.61 1.16 0.00	41.63 1.13 0.00	38.05 1.09 0.00	35.98 1.01 0.00	41.05 0.92 0.00	59.20 1.12 0.00	77.23 2.28 0.00	94.43 2.82 0.00	46.07 1.61 0.00	48.05 1.53 0.00	45.06 1.68 0.00	45.89 1.57 0.00	45.44 1.72 0.00	43.64 2.02 0.00	43.44 2.00 0.00	49.71 2.05 0.00	59.75 2.35 0.00	111.83 4.04 0.00	99.04 3.43 0.00	64.73 2.25 0.00	51.13 1.92 0.00	46.30 1.76 0.00	45.94 1.54 0.00
GOWANUS_GT2_1 24114	37.56 1.25 0.00	34.61 1.16 0.00	41.63 1.13 0.00	38.05 1.09 0.00	35.98 1.02 0.00	41.05 0.92 0.00	59.20 1.12 0.00	77.23 2.28 0.00	94.44 2.83 0.00	46.07 1.61 0.00	48.05 1.53 0.00	45.08 1.70 0.00	45.90 1.58 0.00	45.44 1.72 0.00	43.64 2.02 0.00	43.44 2.00 0.00	49.72 2.06 0.00	59.75 2.35 0.00	111.84 4.04 0.00	99.03 3.42 0.00	64.74 2.26 0.00	51.13 1.92 0.00	46.30 1.76 0.00	45.94 1.54 0.00
GOWANUS_GT2_2 24115	37.56 1.25 0.00	34.61 1.16 0.00	41.63 1.13 0.00	38.05 1.09 0.00	35.98 1.02 0.00	41.05 0.92 0.00	59.20 1.12 0.00	77.23 2.28 0.00	94.44 2.83 0.00	46.07 1.61 0.00	48.05 1.53 0.00	45.08 1.70 0.00	45.90 1.58 0.00	45.44 1.72 0.00	43.64 2.02 0.00	43.44 2.00 0.00	49.72 2.06 0.00	59.75 2.35 0.00	111.84 4.04 0.00	99.03 3.42 0.00	64.74 2.26 0.00	51.13 1.92 0.00	46.30 1.76 0.00	45.94 1.54 0.00
GOWANUS_GT2_3 24116	37.56 1.25 0.00	34.61 1.16 0.00	41.63 1.13 0.00	38.05 1.09 0.00	35.98 1.02 0.00	41.05 0.92 0.00	59.20 1.12 0.00	77.23 2.28 0.00	94.44 2.83 0.00	46.07 1.61 0.00	48.05 1.53 0.00	45.08 1.70 0.00	45.90 1.58 0.00	45.44 1.72 0.00	43.64 2.02 0.00	43.44 2.00 0.00	49.72 2.06 0.00	59.75 2.35 0.00	111.84 4.04 0.00	99.03 3.42 0.00	64.74 2.26 0.00	51.13 1.92 0.00	46.30 1.76 0.00	45.94 1.54 0.00
GOWANUS_GT2_4 24117	37.56 1.25 0.00	34.61 1.16 0.00	41.63 1.13 0.00	38.05 1.09 0.00	35.98 1.02 0.00	41.05 0.92 0.00	59.20 1.12 0.00	77.23 2.28 0.00	94.44 2.83 0.00	46.07 1.61 0.00	48.05 1.53 0.00	45.08 1.70 0.00	45.90 1.58 0.00	45.44 1.72 0.00	43.64 2.02 0.00	43.44 2.00 0.00	49.72 2.06 0.00	59.75 2.35 0.00	111.84 4.04 0.00	99.03 3.42 0.00	64.74 2.26 0.00	51.13 1.92 0.00	46.30 1.76 0.00	45.94 1.54 0.00
GOWANUS_GT2_5 24118	37.56 1.25 0.00	34.61 1.16 0.00	41.63 1.13 0.00	38.05 1.09 0.00	35.98 1.02 0.00	41.05 0.92 0.00	59.20 1.12 0.00	77.23 2.28 0.00	94.44 2.83 0.00	46.07 1.61 0.00	48.05 1.53 0.00	45.08 1.70 0.00	45.90 1.58 0.00	45.44 1.72 0.00	43.64 2.02 0.00	43.44 2.00 0.00	49.72 2.06 0.00	59.75 2.35 0.00	111.84 4.04 0.00	99.03 3.42 0.00	64.74 2.26 0.00	51.13 1.92 0.00	46.30 1.76 0.00	45.94 1.54 0.00

GOWANUS_GT2_6 24119	37.56 1.25 0.00	34.61 1.16 0.00	41.63 1.13 0.00	38.05 1.09 0.00	35.98 1.02 0.00	41.05 0.92 0.00	59.20 1.12 0.00	77.23 2.28 0.00	94.44 2.83 0.00	46.07 1.61 0.00	48.05 1.53 0.00	45.08 1.70 0.00	45.90 1.58 0.00	45.44 1.72 0.00	43.64 2.02 0.00	43.44 2.00 0.00	49.72 2.06 0.00	59.75 2.35 0.00	111.84 4.04 0.00	99.03 3.42 0.00	64.74 2.26 0.00	51.13 1.92 0.00	46.30 1.76 0.00	45.94 1.54 0.00
GOWANUS_GT2_7 24120	37.56 1.25 0.00	34.61 1.16 0.00	41.63 1.13 0.00	38.05 1.09 0.00	35.98 1.02 0.00	41.05 0.92 0.00	59.20 1.12 0.00	77.23 2.28 0.00	94.44 2.83 0.00	46.07 1.61 0.00	48.05 1.53 0.00	45.08 1.70 0.00	45.90 1.58 0.00	45.44 1.72 0.00	43.64 2.02 0.00	43.44 2.00 0.00	49.72 2.06 0.00	59.75 2.35 0.00	111.84 4.04 0.00	99.03 3.42 0.00	64.74 2.26 0.00	51.13 1.92 0.00	46.30 1.76 0.00	45.94 1.54 0.00
GOWANUS_GT2_8 24121	37.56 1.25 0.00	34.61 1.16 0.00	41.63 1.13 0.00	38.05 1.09 0.00	35.98 1.02 0.00	41.05 0.92 0.00	59.20 1.12 0.00	77.23 2.28 0.00	94.44 2.83 0.00	46.07 1.61 0.00	48.05 1.53 0.00	45.08 1.70 0.00	45.90 1.58 0.00	45.44 1.72 0.00	43.64 2.02 0.00	43.44 2.00 0.00	49.72 2.06 0.00	59.75 2.35 0.00	111.84 4.04 0.00	99.03 3.42 0.00	64.74 2.26 0.00	51.13 1.92 0.00	46.30 1.76 0.00	45.94 1.54 0.00
GOWANUS_GT3_1 24122	37.56 1.25 0.00	34.61 1.16 0.00	41.63 1.13 0.00	38.05 1.09 0.00	35.98 1.02 0.00	41.05 0.92 0.00	59.20 1.12 0.00	77.23 2.28 0.00	94.44 2.83 0.00	46.07 1.61 0.00	48.05 1.53 0.00	45.08 1.70 0.00	45.90 1.58 0.00	45.44 1.72 0.00	43.64 2.02 0.00	43.44 2.00 0.00	49.72 2.06 0.00	59.75 2.35 0.00	111.84 4.04 0.00	99.03 3.42 0.00	64.74 2.26 0.00	51.13 1.92 0.00	46.30 1.76 0.00	45.94 1.54 0.00
GOWANUS_GT3_2 24123	37.56 1.25 0.00	34.61 1.16 0.00	41.63 1.13 0.00	38.05 1.09 0.00	35.98 1.02 0.00	41.05 0.92 0.00	59.20 1.12 0.00	77.23 2.28 0.00	94.44 2.83 0.00	46.07 1.61 0.00	48.05 1.53 0.00	45.08 1.70 0.00	45.90 1.58 0.00	45.44 1.72 0.00	43.64 2.02 0.00	43.44 2.00 0.00	49.72 2.06 0.00	59.75 2.35 0.00	111.84 4.04 0.00	99.03 3.42 0.00	64.74 2.26 0.00	51.13 1.92 0.00	46.30 1.76 0.00	45.94 1.54 0.00
GOWANUS_GT3_3 24124	37.56 1.25 0.00	34.61 1.16 0.00	41.63 1.13 0.00	38.05 1.09 0.00	35.98 1.02 0.00	41.05 0.92 0.00	59.20 1.12 0.00	77.23 2.28 0.00	94.44 2.83 0.00	46.07 1.61 0.00	48.05 1.53 0.00	45.08 1.70 0.00	45.90 1.58 0.00	45.44 1.72 0.00	43.64 2.02 0.00	43.44 2.00 0.00	49.72 2.06 0.00	59.75 2.35 0.00	111.84 4.04 0.00	99.03 3.42 0.00	64.74 2.26 0.00	51.13 1.92 0.00	46.30 1.76 0.00	45.94 1.54 0.00
GOWANUS_GT3_4 24125	37.56 1.25 0.00	34.61 1.16 0.00	41.63 1.13 0.00	38.05 1.09 0.00	35.98 1.02 0.00	41.05 0.92 0.00	59.20 1.12 0.00	77.23 2.28 0.00	94.44 2.83 0.00	46.07 1.61 0.00	48.05 1.53 0.00	45.08 1.70 0.00	45.90 1.58 0.00	45.44 1.72 0.00	43.64 2.02 0.00	43.44 2.00 0.00	49.72 2.06 0.00	59.75 2.35 0.00	111.84 4.04 0.00	99.03 3.42 0.00	64.74 2.26 0.00	51.13 1.92 0.00	46.30 1.76 0.00	45.94 1.54 0.00
GOWANUS_GT3_5 24126	37.56 1.25 0.00	34.61 1.16 0.00	41.63 1.13 0.00	38.05 1.09 0.00	35.98 1.02 0.00	41.05 0.92 0.00	59.20 1.12 0.00	77.23 2.28 0.00	94.44 2.83 0.00	46.07 1.61 0.00	48.05 1.53 0.00	45.08 1.70 0.00	45.90 1.58 0.00	45.44 1.72 0.00	43.64 2.02 0.00	43.44 2.00 0.00	49.72 2.06 0.00	59.75 2.35 0.00	111.84 4.04 0.00	99.03 3.42 0.00	64.74 2.26 0.00	51.13 1.92 0.00	46.30 1.76 0.00	45.94 1.54 0.00
GOWANUS_GT3_6 24127	37.56 1.25 0.00	34.61 1.16 0.00	41.63 1.13 0.00	38.05 1.09 0.00	35.98 1.02 0.00	41.05 0.92 0.00	59.20 1.12 0.00	77.23 2.28 0.00	94.44 2.83 0.00	46.07 1.61 0.00	48.05 1.53 0.00	45.08 1.70 0.00	45.90 1.58 0.00	45.44 1.72 0.00	43.64 2.02 0.00	43.44 2.00 0.00	49.72 2.06 0.00	59.75 2.35 0.00	111.84 4.04 0.00	99.03 3.42 0.00	64.74 2.26 0.00	51.13 1.92 0.00	46.30 1.76 0.00	45.94 1.54 0.00
GOWANUS_GT3_7 24128	37.56 1.25 0.00	34.61 1.16 0.00	41.63 1.13 0.00	38.05 1.09 0.00	35.98 1.02 0.00	41.05 0.92 0.00	59.20 1.12 0.00	77.23 2.28 0.00	94.44 2.83 0.00	46.07 1.61 0.00	48.05 1.53 0.00	45.08 1.70 0.00	45.90 1.58 0.00	45.44 1.72 0.00	43.64 2.02 0.00	43.44 2.00 0.00	49.72 2.06 0.00	59.75 2.35 0.00	111.84 4.04 0.00	99.03 3.42 0.00	64.74 2.26 0.00	51.13 1.92 0.00	46.30 1.76 0.00	45.94 1.54 0.00
GOWANUS_GT3_8 24129	37.56 1.25 0.00	34.61 1.16 0.00	41.63 1.13 0.00	38.05 1.09 0.00	35.98 1.02 0.00	41.05 0.92 0.00	59.20 1.12 0.00	77.23 2.28 0.00	94.44 2.83 0.00	46.07 1.61 0.00	48.05 1.53 0.00	45.08 1.70 0.00	45.90 1.58 0.00	45.44 1.72 0.00	43.64 2.02 0.00	43.44 2.00 0.00	49.72 2.06 0.00	59.75 2.35 0.00	111.84 4.04 0.00	99.03 3.42 0.00	64.74 2.26 0.00	51.13 1.92 0.00	46.30 1.76 0.00	45.94 1.54 0.00
GOWANUS_GT4_1 24130	37.56 1.25 0.00	34.61 1.16 0.00	41.63 1.13 0.00	38.05 1.09 0.00	35.98 1.01 0.00	41.05 0.92 0.00	59.20 1.12 0.00	77.23 2.28 0.00	94.43 2.82 0.00	46.07 1.61 0.00	48.05 1.53 0.00	45.06 1.68 0.00	45.89 1.57 0.00	45.44 1.72 0.00	43.64 2.02 0.00	43.44 2.00 0.00	49.71 2.05 0.00	59.75 2.35 0.00	111.83 4.04 0.00	99.04 3.43 0.00	64.73 2.25 0.00	51.13 1.92 0.00	46.30 1.76 0.00	45.94 1.54 0.00
GOWANUS_GT4_2 24131	37.56 1.25 0.00	34.61 1.16 0.00	41.63 1.13 0.00	38.05 1.09 0.00	35.98 1.01 0.00	41.05 0.92 0.00	59.20 1.12 0.00	77.23 2.28 0.00	94.43 2.82 0.00	46.07 1.61 0.00	48.05 1.53 0.00	45.06 1.68 0.00	45.89 1.57 0.00	45.44 1.72 0.00	43.64 2.02 0.00	43.44 2.00 0.00	49.71 2.05 0.00	59.75 2.35 0.00	111.83 4.04 0.00	99.04 3.43 0.00	64.73 2.25 0.00	51.13 1.92 0.00	46.30 1.76 0.00	45.94 1.54 0.00
GOWANUS_GT4_3 24132	37.56 1.25 0.00	34.61 1.16 0.00	41.63 1.13 0.00	38.05 1.09 0.00	35.98 1.01 0.00	41.05 0.92 0.00	59.20 1.12 0.00	77.23 2.28 0.00	94.43 2.82 0.00	46.07 1.61 0.00	48.05 1.53 0.00	45.06 1.68 0.00	45.89 1.57 0.00	45.44 1.72 0.00	43.64 2.02 0.00	43.44 2.00 0.00	49.71 2.05 0.00	59.75 2.35 0.00	111.83 4.04 0.00	99.04 3.43 0.00	64.73 2.25 0.00	51.13 1.92 0.00	46.30 1.76 0.00	45.94 1.54 0.00
GOWANUS_GT4_4 24133	37.56 1.25 0.00	34.61 1.16 0.00	41.63 1.13 0.00	38.05 1.09 0.00	35.98 1.01 0.00	41.05 0.92 0.00	59.20 1.12 0.00	77.23 2.28 0.00	94.43 2.82 0.00	46.07 1.61 0.00	48.05 1.53 0.00	45.06 1.68 0.00	45.89 1.57 0.00	45.44 1.72 0.00	43.64 2.02 0.00	43.44 2.00 0.00	49.71 2.05 0.00	59.75 2.35 0.00	111.83 4.04 0.00	99.04 3.43 0.00	64.73 2.25 0.00	51.13 1.92 0.00	46.30 1.76 0.00	45.94 1.54 0.00

GOWANUS_GT4_5 24134	37.56 1.25 0.00	34.61 1.16 0.00	41.63 1.13 0.00	38.05 1.09 0.00	35.98 1.01 0.00	41.05 0.92 0.00	59.20 1.12 0.00	77.23 2.28 0.00	94.43 2.82 0.00	46.07 1.61 0.00	48.05 1.53 0.00	45.06 1.68 0.00	45.89 1.57 0.00	45.44 1.72 0.00	43.64 2.02 0.00	43.44 2.00 0.00	49.71 2.05 0.00	59.75 2.35 0.00	111.83 4.04 0.00	99.04 3.43 0.00	64.73 2.25 0.00	51.13 1.92 0.00	46.30 1.76 0.00	45.94 1.54 0.00
GOWANUS_GT4_6 24135	37.56 1.25 0.00	34.61 1.16 0.00	41.63 1.13 0.00	38.05 1.09 0.00	35.98 1.01 0.00	41.05 0.92 0.00	59.20 1.12 0.00	77.23 2.28 0.00	94.43 2.82 0.00	46.07 1.61 0.00	48.05 1.53 0.00	45.06 1.68 0.00	45.89 1.57 0.00	45.44 1.72 0.00	43.64 2.02 0.00	43.44 2.00 0.00	49.71 2.05 0.00	59.75 2.35 0.00	111.83 4.04 0.00	99.04 3.43 0.00	64.73 2.25 0.00	51.13 1.92 0.00	46.30 1.76 0.00	45.94 1.54 0.00
GOWANUS_GT4_7 24136	37.56 1.25 0.00	34.61 1.16 0.00	41.63 1.13 0.00	38.05 1.09 0.00	35.98 1.01 0.00	41.05 0.92 0.00	59.20 1.12 0.00	77.23 2.28 0.00	94.43 2.82 0.00	46.07 1.61 0.00	48.05 1.53 0.00	45.06 1.68 0.00	45.89 1.57 0.00	45.44 1.72 0.00	43.64 2.02 0.00	43.44 2.00 0.00	49.71 2.05 0.00	59.75 2.35 0.00	111.83 4.04 0.00	99.04 3.43 0.00	64.73 2.25 0.00	51.13 1.92 0.00	46.30 1.76 0.00	45.94 1.54 0.00
GOWANUS_GT4_8 24137	37.56 1.25 0.00	34.61 1.16 0.00	41.63 1.13 0.00	38.05 1.09 0.00	35.98 1.01 0.00	41.05 0.92 0.00	59.20 1.12 0.00	77.23 2.28 0.00	94.43 2.82 0.00	46.07 1.61 0.00	48.05 1.53 0.00	45.06 1.68 0.00	45.89 1.57 0.00	45.44 1.72 0.00	43.64 2.02 0.00	43.44 2.00 0.00	49.71 2.05 0.00	59.75 2.35 0.00	111.83 4.04 0.00	99.04 3.43 0.00	64.73 2.25 0.00	51.13 1.92 0.00	46.30 1.76 0.00	45.94 1.54 0.00
GREATVRV_69_KV_BK1 356245	37.68 1.36 0.00	34.72 1.26 0.00	41.64 1.14 0.00	37.81 0.85 0.00	35.25 0.29 0.00	40.05 -0.08 0.00	49.22 0.15 9.01	68.18 1.04 7.81	62.45 1.01 30.17	35.13 0.84 10.17	46.11 0.61 1.01	41.60 0.76 2.53	43.42 0.60 1.50	40.70 0.73 3.75	37.36 1.65 5.90	40.33 1.54 2.65	45.07 1.25 3.84	39.87 2.13 19.65	78.23 2.72 32.29	70.72 2.45 27.34	46.46 1.63 17.65	37.40 1.51 13.33	38.32 1.64 7.86	51.18 2.14 -4.64
GREENBSH_115KV_TB3 55895	36.18 -0.13 0.00	33.43 -0.03 0.00	40.31 -0.19 0.00	36.78 -0.18 0.00	34.87 -0.10 0.00	39.83 -0.30 0.00	57.55 -0.54 0.00	74.45 -0.50 0.00	91.16 -0.45 0.00	44.05 -0.42 0.00	45.94 -0.58 0.00	42.93 -0.45 0.00	44.00 -0.32 0.00	43.41 -0.31 0.00	41.38 -0.24 0.00	41.20 -0.25 0.00	47.52 -0.14 0.00	57.38 -0.01 0.00	107.73 -0.06 0.00	95.69 0.08 0.00	62.66 0.17 0.00	49.32 0.11 0.00	44.57 0.03 0.00	44.25 -0.15 0.00
GREENDGE_115KV_TB5 80291	36.60 0.29 0.00	33.57 0.12 0.00	40.82 0.32 0.00	37.34 0.39 0.00	35.37 0.40 0.00	40.65 0.52 0.00	58.48 0.40 0.00	75.29 0.33 0.00	91.51 -0.10 0.00	44.94 0.48 0.00	47.06 0.54 0.00	45.45 0.26 -1.82	44.60 0.28 0.00	44.06 0.33 0.00	41.97 0.35 0.00	41.65 0.21 0.00	47.69 0.03 0.00	57.39 0.00 0.00	107.68 -0.11 0.00	94.90 -0.71 0.00	61.95 -0.54 0.00	48.75 -0.47 0.00	44.37 -0.18 0.00	44.59 0.19 0.00
GREENIDGE___3 23582	36.60 0.29 0.00	33.57 0.12 0.00	40.82 0.32 0.00	37.34 0.39 0.00	35.37 0.40 0.00	40.65 0.52 0.00	58.48 0.40 0.00	75.29 0.33 0.00	91.51 -0.10 0.00	44.94 0.48 0.00	47.06 0.54 0.00	45.45 0.26 -1.82	44.60 0.28 0.00	44.06 0.33 0.00	41.97 0.35 0.00	41.65 0.21 0.00	47.69 0.03 0.00	57.39 0.00 0.00	107.68 -0.11 0.00	94.90 -0.71 0.00	61.95 -0.54 0.00	48.75 -0.47 0.00	44.37 -0.18 0.00	44.59 0.19 0.00
GREENIDGE___4 23583	36.60 0.29 0.00	33.58 0.12 0.00	40.81 0.31 0.00	37.35 0.39 0.00	35.37 0.40 0.00	40.65 0.52 0.00	58.49 0.41 0.00	75.29 0.33 0.00	91.50 -0.11 0.00	44.94 0.48 0.00	47.06 0.54 0.00	45.43 0.24 -1.82	44.59 0.28 0.00	44.05 0.33 0.00	41.97 0.35 0.00	41.66 0.21 0.00	47.69 0.03 0.00	57.39 0.00 0.00	107.69 -0.10 0.00	94.90 -0.71 0.00	61.95 -0.54 0.00	48.75 -0.46 0.00	44.36 -0.18 0.00	44.59 0.19 0.00
GREENLWN_69_KV_BK 3 55738	37.11 0.79 0.00	34.26 0.80 0.00	41.11 0.62 0.00	37.28 0.32 0.00	34.71 -0.25 0.00	39.36 -0.76 0.00	27.78 -0.82 29.47	54.05 -0.20 20.70	57.62 -0.51 33.48	39.83 0.13 4.76	44.62 -0.05 1.85	40.56 0.27 3.08	43.78 0.12 0.66	44.22 0.24 -0.25	43.83 0.73 -1.48	37.16 0.61 4.89	45.01 0.40 3.06	32.80 0.94 25.54	61.96 0.50 46.33	54.21 0.56 41.95	32.11 0.41 30.79	24.61 0.54 25.15	40.22 0.64 4.96	50.00 1.02 -4.58
GREENWD_138_KV_38B11_REV_LBMP_J 345004	37.56 1.25 0.00	34.61 1.16 0.00	41.63 1.13 0.00	38.05 1.09 0.00	35.98 1.01 0.00	41.05 0.92 0.00	59.20 1.12 0.00	77.23 2.28 0.00	94.43 2.82 0.00	46.07 1.61 0.00	48.05 1.53 0.00	45.06 1.68 0.00	45.89 1.57 0.00	45.44 1.72 0.00	43.64 2.02 0.00	43.44 2.00 0.00	49.71 2.05 0.00	59.75 2.35 0.00	111.83 4.04 0.00	99.04 3.43 0.00	64.73 2.25 0.00	51.13 1.92 0.00	46.30 1.76 0.00	45.94 1.54 0.00
GRISSOM___SOLAR 323813	37.46 1.15 0.00	34.47 1.02 0.00	41.72 1.22 0.00	38.09 1.13 0.00	36.06 1.10 0.00	41.43 1.30 0.00	60.42 2.34 0.00	78.10 3.15 0.00	94.28 2.67 0.00	44.70 0.24 0.00	46.77 0.25 0.00	41.31 0.15 2.21	44.58 0.26 0.00	43.99 0.26 0.00	41.87 0.25 0.00	41.65 0.21 0.00	48.31 0.65 0.00	59.08 1.69 0.00	111.48 3.69 0.00	99.01 3.41 0.00	64.65 2.17 0.00	50.88 1.66 0.00	45.99 1.44 0.00	45.75 1.35 0.00
GROVEVILLE___HYD 323602	37.64 1.33 0.00	34.67 1.21 0.00	41.84 1.34 0.00	38.13 1.17 0.00	36.04 1.07 0.00	41.21 1.09 0.00	59.73 1.65 0.00	77.58 2.63 0.00	94.80 3.19 0.00	45.97 1.51 0.00	47.94 1.42 0.00	44.88 1.51 0.00	45.73 1.41 0.00	45.21 1.48 0.00	43.25 1.63 0.00	43.10 1.66 0.00	49.59 1.93 0.00	59.85 2.46 0.00	112.35 4.56 0.00	99.63 4.03 0.00	65.04 2.55 0.00	51.24 2.02 0.00	46.34 1.80 0.00	46.01 1.61 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	36.10 -0.21 0.00	33.20 -0.26 0.00	40.24 -0.25 0.00	36.73 -0.23 0.00	34.76 -0.21 0.00	39.91 -0.22 0.00	57.78 -0.30 0.00	74.55 -0.40 0.00	91.03 -0.58 0.00	44.21 -0.25 0.00	46.21 -0.31 0.00	43.95 -0.38 -0.95	44.04 -0.27 0.00	43.41 -0.32 0.00	41.37 -0.25 0.00	41.16 -0.28 0.00	47.34 -0.32 0.00	57.10 -0.29 0.00	107.28 -0.51 0.00	94.89 -0.71 0.00	61.97 -0.52 0.00	48.84 -0.38 0.00	44.24 -0.30 0.00	44.17 -0.23 0.00
HAMLTNNY_34_KV_TB 80303	36.25 -0.07 0.00	33.32 -0.14 0.00	40.40 -0.10 0.00	36.86 -0.10 0.00	34.89 -0.08 0.00	40.09 -0.04 0.00	58.03 -0.05 0.00	74.83 -0.12 0.00	91.29 -0.32 0.00	44.39 -0.08 0.00	46.36 -0.16 0.00	44.15 -0.26 -1.03	44.21 -0.10 0.00	43.49 -0.23 0.00	41.49 -0.13 0.00	41.32 -0.13 0.00	47.39 -0.27 0.00	57.32 -0.08 0.00	107.56 -0.23 0.00	95.08 -0.53 0.00	62.04 -0.44 0.00	48.92 -0.30 0.00	44.33 -0.21 0.00	44.31 -0.10 0.00

HAMPSHIRE___PAPER_HYD 323593	37.73 1.41 0.00	34.75 1.29 0.00	42.19 1.70 0.00	38.63 1.67 0.00	36.56 1.59 0.00	41.98 1.86 0.00	61.07 2.99 0.00	78.77 3.82 0.00	95.73 4.12 0.00	46.16 1.69 0.00	47.63 1.11 0.00	44.10 0.72 0.00	44.79 0.47 0.00	44.22 0.50 0.00	41.99 0.37 0.00	41.96 0.51 0.00	48.42 0.76 0.00	59.00 1.60 0.00	111.54 3.75 0.00	98.97 3.36 0.00	65.04 2.56 0.00	51.52 2.31 0.00	46.44 1.90 0.00	46.21 1.82 0.00
HARDSCRABBLE_WT_PWR 323673	37.77 1.46 0.00	34.86 1.40 0.00	42.24 1.74 0.00	38.59 1.63 0.00	36.53 1.56 0.00	41.98 1.85 0.00	60.95 2.87 0.00	78.76 3.81 0.00	95.19 3.58 0.00	45.24 0.78 0.00	47.02 0.50 0.00	43.94 0.56 0.00	44.64 0.32 0.00	44.01 0.29 0.00	41.85 0.23 0.00	41.79 0.35 0.00	48.46 0.81 0.00	59.67 2.28 0.00	112.95 5.16 0.00	100.27 4.66 0.00	65.60 3.12 0.00	51.77 2.56 0.00	46.83 2.29 0.00	46.47 2.07 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	37.56 1.24 0.00	34.58 1.12 0.00	41.77 1.27 0.00	38.06 1.10 0.00	35.97 1.00 0.00	41.12 0.99 0.00	59.72 1.64 0.00	77.54 2.59 0.00	94.75 3.14 0.00	45.90 1.43 0.00	47.97 1.45 0.00	44.90 1.53 0.00	45.76 1.44 0.00	45.27 1.55 0.00	43.31 1.69 0.00	43.12 1.67 0.00	49.57 1.91 0.00	59.87 2.48 0.00	112.45 4.66 0.00	99.56 3.95 0.00	64.93 2.45 0.00	51.15 1.94 0.00	46.25 1.71 0.00	45.94 1.53 0.00
HARSNRAD_115KV_TB1 81005	36.72 0.41 0.00	33.66 0.20 0.00	40.84 0.34 0.00	37.29 0.34 0.00	35.24 0.28 0.00	40.57 0.45 0.00	58.31 0.23 0.00	73.97 -0.98 0.00	90.42 -1.20 0.00	45.04 0.57 0.00	48.02 1.50 0.00	46.41 0.90 -2.14	45.61 1.29 0.00	44.87 1.15 0.00	42.56 0.94 0.00	42.11 0.66 0.00	47.43 -0.23 0.00	55.38 -2.01 0.00	102.77 -5.02 0.00	89.65 -5.95 0.00	58.27 -4.22 0.00	46.01 -3.20 0.00	42.65 -1.89 0.00	44.21 -0.19 0.00
HARZA MOOSE___RIVER 24016	37.57 1.26 0.00	34.61 1.15 0.00	42.00 1.51 0.00	38.45 1.49 0.00	36.38 1.42 0.00	41.86 1.73 0.00	61.03 2.95 0.00	78.76 3.81 0.00	95.96 4.35 0.00	46.23 1.76 0.00	47.76 1.24 0.00	44.17 0.79 0.00	44.65 0.34 0.00	44.10 0.38 0.00	41.94 0.32 0.00	41.94 0.50 0.00	48.46 0.80 0.00	59.19 1.80 0.00	112.10 4.30 0.00	99.22 3.61 0.00	64.94 2.46 0.00	51.24 2.03 0.00	46.22 1.68 0.00	45.99 1.59 0.00
HDSNBRDG_115KV_BRDG_TB1 355580	35.87 -0.44 0.00	32.99 -0.46 0.00	39.99 -0.51 0.00	36.49 -0.47 0.00	34.53 -0.44 0.00	39.60 -0.52 0.00	57.31 -0.77 0.00	73.96 -0.99 0.00	90.42 -1.20 0.00	43.93 -0.54 0.00	45.96 -0.56 0.00	43.61 -0.59 -0.82	43.80 -0.52 0.00	43.19 -0.53 0.00	41.12 -0.50 0.00	40.92 -0.52 0.00	47.04 -0.62 0.00	56.63 -0.76 0.00	106.43 -1.37 0.00	94.16 -1.45 0.00	61.48 -1.00 0.00	48.48 -0.73 0.00	43.92 -0.62 0.00	43.87 -0.53 0.00
HELLGATE_13_KV_LD 55870	37.64 1.32 0.00	34.71 1.26 0.00	41.73 1.23 0.00	38.20 1.25 0.00	36.13 1.16 0.00	41.21 1.08 0.00	59.44 1.36 0.00	77.49 2.54 0.00	94.76 3.15 0.00	46.28 1.82 0.00	48.27 1.75 0.00	45.29 1.91 0.00	46.13 1.81 0.00	45.64 1.92 0.00	43.80 2.18 0.00	43.60 2.15 0.00	49.92 2.26 0.00	59.94 2.55 0.00	112.22 4.42 0.00	99.39 3.79 0.00	64.89 2.40 0.00	51.22 2.00 0.00	46.39 1.85 0.00	46.04 1.64 0.00
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	37.64 1.32 0.00	34.71 1.26 0.00	41.73 1.23 0.00	38.20 1.25 0.00	36.13 1.16 0.00	41.21 1.08 0.00	59.44 1.36 0.00	77.49 2.54 0.00	94.76 3.15 0.00	46.28 1.82 0.00	48.27 1.75 0.00	45.29 1.91 0.00	46.13 1.81 0.00	45.64 1.92 0.00	43.80 2.18 0.00	43.60 2.15 0.00	49.92 2.26 0.00	59.94 2.55 0.00	112.22 4.42 0.00	99.39 3.79 0.00	64.89 2.40 0.00	51.22 2.00 0.00	46.39 1.85 0.00	46.04 1.64 0.00
HEMPSTEAD____ 23647	37.49 1.18 0.00	34.56 1.11 0.00	41.55 1.05 0.00	37.77 0.81 0.00	35.36 0.40 0.00	40.26 0.13 0.00	58.29 0.21 0.00	75.90 0.95 0.00	86.68 1.08 6.01	45.31 0.84 0.00	47.30 0.77 0.00	44.42 1.04 0.00	45.24 0.92 0.00	44.76 1.03 0.00	43.04 1.42 0.00	42.75 1.31 0.00	48.99 1.33 0.00	59.25 1.86 0.00	110.37 2.57 0.00	97.94 2.34 0.00	64.08 1.60 0.00	50.63 1.42 0.00	45.93 1.39 0.00	52.72 1.56 -6.76
HICKLING___1 23621	36.60 0.29 0.00	33.54 0.08 0.00	40.94 0.44 0.00	37.43 0.47 0.00	35.42 0.45 0.00	40.84 0.71 0.00	58.64 0.56 0.00	75.53 0.58 0.00	92.35 0.75 0.00	45.13 0.66 0.00	47.66 1.14 0.00	46.65 0.92 -2.35	45.34 1.02 0.00	44.78 1.05 0.00	42.56 0.94 0.00	42.20 0.76 0.00	48.07 0.41 0.00	57.71 0.32 0.00	108.68 0.89 0.00	95.57 -0.04 0.00	62.20 -0.28 0.00	48.94 -0.27 0.00	44.65 0.11 0.00	44.91 0.50 0.00
HICKLING___2 23622	36.60 0.29 0.00	33.54 0.08 0.00	40.94 0.44 0.00	37.43 0.47 0.00	35.42 0.45 0.00	40.84 0.71 0.00	58.64 0.56 0.00	75.53 0.58 0.00	92.35 0.75 0.00	45.13 0.66 0.00	47.66 1.14 0.00	46.65 0.92 -2.35	45.34 1.02 0.00	44.78 1.05 0.00	42.56 0.94 0.00	42.20 0.76 0.00	48.07 0.41 0.00	57.71 0.32 0.00	108.68 0.89 0.00	95.57 -0.04 0.00	62.20 -0.28 0.00	48.94 -0.27 0.00	44.65 0.11 0.00	44.91 0.50 0.00
HIGH FALLS___HY 23754	37.83 1.51 0.00	34.79 1.33 0.00	42.05 1.55 0.00	38.31 1.35 0.00	36.19 1.23 0.00	41.33 1.20 0.00	59.99 1.90 0.00	77.93 2.98 0.00	95.28 3.67 0.00	46.19 1.72 0.00	48.09 1.57 0.00	44.93 1.55 0.00	45.53 1.21 0.00	44.78 1.06 0.00	42.85 1.23 0.00	42.72 1.27 0.00	49.26 1.61 0.00	59.62 2.22 0.00	112.31 4.52 0.00	100.12 4.51 0.00	65.33 2.85 0.00	51.47 2.26 0.00	46.54 2.00 0.00	46.22 1.82 0.00
HIGH_RIVER___SOLAR 323847	37.29 0.98 0.00	34.33 0.88 0.00	41.55 1.05 0.00	37.94 0.98 0.00	35.94 0.98 0.00	41.26 1.13 0.00	60.08 2.00 0.00	77.53 2.58 0.00	93.19 1.58 0.00	44.30 -0.16 0.00	46.31 -0.21 0.00	41.23 -0.17 1.98	44.14 -0.18 0.00	43.51 -0.21 0.00	41.34 -0.28 0.00	41.21 -0.23 0.00	47.76 0.10 0.00	58.61 1.22 0.00	111.03 3.24 0.00	98.62 3.01 0.00	64.41 1.93 0.00	50.68 1.46 0.00	45.81 1.27 0.00	45.58 1.18 0.00
HILLBURN___GT 23639	37.38 1.06 0.00	34.43 0.97 0.00	41.57 1.07 0.00	37.89 0.93 0.00	35.80 0.83 0.00	40.90 0.77 0.00	59.39 1.30 0.00	77.13 2.18 0.00	94.28 2.67 0.00	45.70 1.24 0.00	47.78 1.26 0.00	44.78 1.40 0.00	45.62 1.31 0.00	45.14 1.42 0.00	43.20 1.59 0.00	42.98 1.54 0.00	49.36 1.70 0.00	59.57 2.18 0.00	111.86 4.06 0.00	99.02 3.41 0.00	64.55 2.06 0.00	50.88 1.66 0.00	46.02 1.48 0.00	45.71 1.31 0.00
HILLSIDE_115KV_TB1 80332	36.25 -0.07 0.00	33.20 -0.25 0.00	40.51 0.01 0.00	37.00 0.04 0.00	34.98 0.02 0.00	40.29 0.16 0.00	57.72 -0.36 0.00	74.38 -0.57 0.00	91.09 -0.52 0.00	44.47 0.00 0.00	47.03 0.51 0.00	46.20 0.41 -2.41	44.76 0.44 0.00	44.18 0.45 0.00	41.99 0.37 0.00	41.63 0.19 0.00	47.40 -0.26 0.00	56.94 -0.46 0.00	107.26 -0.53 0.00	94.42 -1.19 0.00	61.49 -1.00 0.00	48.40 -0.81 0.00	44.13 -0.41 0.00	44.30 -0.10 0.00

HISHELDN_WT_PWR 323625	36.52 0.21 0.00	33.52 0.06 0.00	40.79 0.30 0.00	37.31 0.35 0.00	35.30 0.34 0.00	40.74 0.62 0.00	58.62 0.54 0.00	74.74 -0.21 0.00	91.25 -0.36 0.00	45.19 0.72 0.00	48.06 1.54 0.00	46.47 0.96 -2.13	45.59 1.27 0.00	44.92 1.19 0.00	42.65 1.03 0.00	42.21 0.76 0.00	47.72 0.06 0.00	56.31 -1.09 0.00	105.02 -2.77 0.00	91.83 -3.77 0.00	59.72 -2.76 0.00	47.08 -2.13 0.00	43.35 -1.19 0.00	44.51 0.10 0.00
HOLTSVILLE_IC_1 23690	37.12 0.80 0.00	34.25 0.79 0.00	41.05 0.55 0.00	37.29 0.34 0.00	34.78 -0.19 0.00	39.41 -0.71 0.00	49.73 -1.12 7.23	65.70 -0.68 8.57	44.01 -1.11 46.50	24.26 -0.10 20.10	44.58 -0.35 1.59	38.92 -0.02 4.43	41.13 -0.22 2.97	35.62 -0.10 8.00	29.28 0.56 12.90	39.58 0.55 2.42	43.76 0.45 4.35	36.89 1.24 21.75	72.98 0.79 35.60	66.33 0.74 30.01	43.81 0.52 19.19	35.56 0.75 14.41	36.61 1.04 8.97	50.34 1.52 -4.42
HOLTSVILLE_IC_10 23699	37.26 0.95 0.00	34.37 0.91 0.00	41.18 0.68 0.00	37.42 0.46 0.00	34.90 -0.07 0.00	39.55 -0.58 0.00	47.60 -0.89 9.59	64.54 -0.38 10.03	43.75 -0.79 47.07	24.76 0.08 19.78	44.69 -0.17 1.66	39.01 0.13 4.49	41.33 -0.07 2.92	36.02 0.04 7.74	29.92 0.71 12.42	39.28 0.73 2.89	44.01 0.65 4.30	37.07 1.49 21.81	73.22 1.18 35.75	66.47 1.08 30.22	43.76 0.72 19.44	35.48 0.91 14.65	36.93 1.21 8.82	50.59 1.71 -4.47
HOLTSVILLE_IC_2 23691	37.12 0.80 0.00	34.25 0.79 0.00	41.05 0.55 0.00	37.29 0.34 0.00	34.78 -0.19 0.00	39.41 -0.71 0.00	49.73 -1.12 7.23	65.70 -0.68 8.57	44.01 -1.11 46.50	24.26 -0.10 20.10	44.58 -0.35 1.59	38.92 -0.02 4.43	41.13 -0.22 2.97	35.62 -0.10 8.00	29.28 0.56 12.90	39.58 0.55 2.42	43.76 0.45 4.35	36.89 1.24 21.75	72.98 0.79 35.60	66.33 0.74 30.01	43.81 0.52 19.19	35.56 0.75 14.41	36.61 1.04 8.97	50.34 1.52 -4.42
HOLTSVILLE_IC_3 23692	37.12 0.80 0.00	34.25 0.79 0.00	41.05 0.55 0.00	37.29 0.34 0.00	34.78 -0.19 0.00	39.41 -0.71 0.00	49.73 -1.12 7.23	65.70 -0.68 8.57	44.01 -1.11 46.50	24.26 -0.10 20.10	44.58 -0.35 1.59	38.92 -0.02 4.43	41.13 -0.22 2.97	35.62 -0.10 8.00	29.28 0.56 12.90	39.58 0.55 2.42	43.76 0.45 4.35	36.89 1.24 21.75	72.98 0.79 35.60	66.33 0.74 30.01	43.81 0.52 19.19	35.56 0.75 14.41	36.61 1.04 8.97	50.34 1.52 -4.42
HOLTSVILLE_IC_4 23693	37.12 0.80 0.00	34.25 0.79 0.00	41.05 0.55 0.00	37.29 0.34 0.00	34.78 -0.19 0.00	39.41 -0.71 0.00	49.73 -1.12 7.23	65.70 -0.68 8.57	44.01 -1.11 46.50	24.26 -0.10 20.10	44.58 -0.35 1.59	38.92 -0.02 4.43	41.13 -0.22 2.97	35.62 -0.10 8.00	29.28 0.56 12.90	39.58 0.55 2.42	43.76 0.45 4.35	36.89 1.24 21.75	72.98 0.79 35.60	66.33 0.74 30.01	43.81 0.52 19.19	35.56 0.75 14.41	36.61 1.04 8.97	50.34 1.52 -4.42
HOLTSVILLE_IC_5 23694	37.12 0.80 0.00	34.25 0.79 0.00	41.05 0.55 0.00	37.29 0.34 0.00	34.78 -0.19 0.00	39.41 -0.71 0.00	49.73 -1.12 7.23	65.70 -0.68 8.57	44.01 -1.11 46.50	24.26 -0.10 20.10	44.58 -0.35 1.59	38.92 -0.02 4.43	41.13 -0.22 2.97	35.62 -0.10 8.00	29.28 0.56 12.90	39.58 0.55 2.42	43.76 0.45 4.35	36.89 1.24 21.75	72.98 0.79 35.60	66.33 0.74 30.01	43.81 0.52 19.19	35.56 0.75 14.41	36.61 1.04 8.97	50.34 1.52 -4.42
HOLTSVILLE_IC_6 23695	37.26 0.95 0.00	34.37 0.91 0.00	41.18 0.68 0.00	37.42 0.46 0.00	34.90 -0.07 0.00	39.55 -0.58 0.00	47.60 -0.89 9.59	64.54 -0.38 10.03	43.75 -0.79 47.07	24.76 0.08 19.78	44.69 -0.17 1.66	39.01 0.13 4.49	41.33 -0.07 2.92	36.02 0.04 7.74	29.92 0.71 12.42	39.28 0.73 2.89	44.01 0.65 4.30	37.07 1.49 21.81	73.22 1.18 35.75	66.47 1.08 30.22	43.76 0.72 19.44	35.48 0.91 14.65	36.93 1.21 8.82	50.59 1.71 -4.47
HOLTSVILLE_IC_7 23696	37.26 0.95 0.00	34.37 0.91 0.00	41.18 0.68 0.00	37.42 0.46 0.00	34.90 -0.07 0.00	39.55 -0.58 0.00	47.60 -0.89 9.59	64.54 -0.38 10.03	43.75 -0.79 47.07	24.76 0.08 19.78	44.69 -0.17 1.66	39.01 0.13 4.49	41.33 -0.07 2.92	36.02 0.04 7.74	29.92 0.71 12.42	39.28 0.73 2.89	44.01 0.65 4.30	37.07 1.49 21.81	73.22 1.18 35.75	66.47 1.08 30.22	43.76 0.72 19.44	35.48 0.91 14.65	36.93 1.21 8.82	50.59 1.71 -4.47
HOLTSVILLE_IC_8 23697	37.26 0.95 0.00	34.37 0.91 0.00	41.18 0.68 0.00	37.42 0.46 0.00	34.90 -0.07 0.00	39.55 -0.58 0.00	47.60 -0.89 9.59	64.54 -0.38 10.03	43.75 -0.79 47.07	24.76 0.08 19.78	44.69 -0.17 1.66	39.01 0.13 4.49	41.33 -0.07 2.92	36.02 0.04 7.74	29.92 0.71 12.42	39.28 0.73 2.89	44.01 0.65 4.30	37.07 1.49 21.81	73.22 1.18 35.75	66.47 1.08 30.22	43.76 0.72 19.44	35.48 0.91 14.65	36.93 1.21 8.82	50.59 1.71 -4.47
HOLTSVILLE_IC_9 23698	37.26 0.95 0.00	34.37 0.91 0.00	41.18 0.68 0.00	37.42 0.46 0.00	34.90 -0.07 0.00	39.55 -0.58 0.00	47.60 -0.89 9.59	64.54 -0.38 10.03	43.75 -0.79 47.07	24.76 0.08 19.78	44.69 -0.17 1.66	39.01 0.13 4.49	41.33 -0.07 2.92	36.02 0.04 7.74	29.92 0.71 12.42	39.28 0.73 2.89	44.01 0.65 4.30	37.07 1.49 21.81	73.22 1.18 35.75	66.47 1.08 30.22	43.76 0.72 19.44	35.48 0.91 14.65	36.93 1.21 8.82	50.59 1.71 -4.47
HOMER_HL_115KV_TB2 355744	37.05 0.73 0.00	34.01 0.55 0.00	41.41 0.91 0.00	37.80 0.83 0.00	35.71 0.74 0.00	40.99 0.87 0.00	58.74 0.66 0.00	75.29 0.34 0.00	92.22 0.61 0.00	45.38 0.92 0.00	48.46 1.94 0.00	47.14 1.68 -2.08	46.37 2.05 0.00	45.46 1.73 0.00	43.14 1.52 0.00	42.61 1.17 0.00	47.99 0.32 0.00	56.83 -0.57 0.00	106.43 -1.36 0.00	93.07 -2.54 0.00	60.44 -2.04 0.00	47.66 -1.55 0.00	43.79 -0.76 0.00	44.65 0.25 0.00
HOWARD_WT_PWR 323690	35.58 -0.74 0.00	32.77 -0.69 0.00	40.06 -0.44 0.00	36.85 -0.11 0.00	35.06 0.09 0.00	40.66 0.53 0.00	58.81 0.73 0.00	75.62 0.67 0.00	92.32 0.71 0.00	45.41 0.95 0.00	48.16 1.63 0.00	46.89 1.14 -2.37	45.58 1.27 0.00	45.00 1.28 0.00	42.76 1.14 0.00	42.38 0.94 0.00	48.24 0.58 0.00	57.73 0.34 0.00	108.23 0.44 0.00	94.98 -0.62 0.00	61.83 -0.66 0.00	48.68 -0.54 0.00	44.51 -0.03 0.00	45.12 0.72 0.00
HQ_GEN_CEDARS 23644	37.04 0.72 0.00	34.12 0.67 0.00	41.30 0.81 0.00	37.72 0.76 0.00	35.67 0.70 0.00	41.05 0.92 0.00	59.59 1.50 0.00	76.68 1.73 0.00	93.43 1.82 0.00	45.29 0.83 0.00	47.41 0.89 0.00	44.12 0.74 0.00	45.13 0.82 0.00	44.52 0.80 0.00	42.31 0.69 0.00	42.17 0.73 0.00	48.52 0.86 0.00	58.36 0.96 0.00	109.66 1.87 0.00	97.55 1.94 0.00	63.82 1.33 0.00	50.28 1.07 0.00	45.45 0.91 0.00	45.30 0.90 0.00
HQ_GEN_CEDARS_PROXY 323590	37.04 0.72 0.00	34.12 0.67 0.00	41.30 0.81 0.00	37.72 0.76 0.00	35.67 0.70 0.00	40.05 0.92 1.00	59.74 1.50 -0.16	76.68 1.73 0.00	93.43 1.82 0.00	45.29 0.83 0.00	47.41 0.89 0.00	44.12 0.74 0.00	45.13 0.82 0.00	44.52 0.80 0.00	42.31 0.69 0.00	42.17 0.73 0.00	48.52 0.86 0.00	58.36 0.96 0.00	109.66 1.87 0.00	97.54 1.94 0.00	63.82 1.33 0.00	50.28 1.07 0.00	45.45 0.91 0.00	45.30 0.90 0.00

HQ_GEN_IMPORT 323601	36.56 0.25 0.00	33.69 0.24 0.00	40.78 0.28 0.00	37.22 0.26 0.00	34.87 0.24 0.34	40.94 0.34 -0.47	58.62 0.54 0.00	75.55 0.60 0.00	62.54 0.70 29.77	44.82 0.36 0.00	46.92 0.40 0.00	43.72 0.34 0.00	44.71 0.40 0.00	44.12 0.39 0.00	41.95 0.33 0.00	41.80 0.35 0.00	48.04 0.38 0.00	57.78 0.38 0.00	108.56 0.77 0.00	96.39 0.78 0.00	62.97 0.49 0.00	49.61 0.39 0.00	44.88 0.34 0.00	44.16 0.35 0.59
HQ_GEN_WHEEL 23651	36.56 0.25 0.00	33.69 0.24 0.00	40.78 0.28 0.00	37.22 0.26 0.00	34.87 0.24 0.34	40.94 0.34 -0.47	58.62 0.54 0.00	75.55 0.60 0.00	62.54 0.70 29.77	44.82 0.36 0.00	46.92 0.40 0.00	43.72 0.34 0.00	44.71 0.40 0.00	44.12 0.39 0.00	41.95 0.33 0.00	41.80 0.35 0.00	48.04 0.38 0.00	57.78 0.38 0.00	108.56 0.77 0.00	96.39 0.78 0.00	62.97 0.49 0.00	49.61 0.39 0.00	44.88 0.34 0.00	44.16 0.35 0.59
HUDSON AVE_GT_3 23810	37.65 1.33 0.00	34.69 1.23 0.00	41.76 1.26 0.00	38.10 1.14 0.00	36.00 1.03 0.00	41.11 0.98 0.00	59.38 1.30 0.00	77.33 2.38 0.00	94.53 2.92 0.00	46.09 1.63 0.00	48.12 1.61 0.00	45.12 1.74 0.00	45.99 1.67 0.00	45.49 1.76 0.00	43.62 2.00 0.00	43.44 2.00 0.00	49.78 2.13 0.00	59.87 2.48 0.00	112.11 4.32 0.00	99.28 3.67 0.00	64.78 2.29 0.00	51.11 1.90 0.00	46.27 1.73 0.00	45.93 1.53 0.00
HUDSON AVE_GT_4 23540	37.65 1.33 0.00	34.69 1.23 0.00	41.76 1.26 0.00	38.10 1.14 0.00	36.00 1.03 0.00	41.11 0.98 0.00	59.38 1.30 0.00	77.33 2.38 0.00	94.53 2.92 0.00	46.09 1.63 0.00	48.12 1.61 0.00	45.12 1.74 0.00	45.99 1.67 0.00	45.49 1.76 0.00	43.62 2.00 0.00	43.44 2.00 0.00	49.78 2.13 0.00	59.87 2.48 0.00	112.11 4.32 0.00	99.28 3.67 0.00	64.78 2.29 0.00	51.11 1.90 0.00	46.27 1.73 0.00	45.93 1.53 0.00
HUDSON AVE_GT_5 23657	37.65 1.33 0.00	34.69 1.23 0.00	41.76 1.26 0.00	38.10 1.14 0.00	36.00 1.03 0.00	41.11 0.98 0.00	59.38 1.30 0.00	77.33 2.38 0.00	94.53 2.92 0.00	46.09 1.63 0.00	48.12 1.61 0.00	45.12 1.74 0.00	45.99 1.67 0.00	45.49 1.76 0.00	43.62 2.00 0.00	43.44 2.00 0.00	49.78 2.13 0.00	59.87 2.48 0.00	112.11 4.32 0.00	99.28 3.67 0.00	64.78 2.29 0.00	51.11 1.90 0.00	46.27 1.73 0.00	45.93 1.53 0.00
HUDSON_AVE_10 24168	37.47 1.16 0.00	34.52 1.06 0.00	41.56 1.06 0.00	37.93 0.97 0.00	35.85 0.88 0.00	40.95 0.82 0.00	59.13 1.04 0.00	76.97 2.02 0.00	94.13 2.52 0.00	45.88 1.41 0.00	47.89 1.37 0.00	44.89 1.52 0.00	45.74 1.42 0.00	45.26 1.54 0.00	43.38 1.76 0.00	43.21 1.77 0.00	49.54 1.88 0.00	59.60 2.20 0.00	111.67 3.88 0.00	98.90 3.29 0.00	64.54 2.05 0.00	50.91 1.70 0.00	46.09 1.55 0.00	45.74 1.34 0.00
HUDSON___115KV_TB 4 355613	36.90 0.58 0.00	34.06 0.60 0.00	41.06 0.57 0.00	37.49 0.53 0.00	35.60 0.64 0.00	41.70 1.58 0.00	60.59 2.51 0.00	78.61 3.66 0.00	95.48 3.87 0.00	45.20 0.73 0.00	46.81 0.29 0.00	43.61 0.24 0.00	44.79 0.47 0.00	44.13 0.40 0.00	42.01 0.39 0.00	41.91 0.46 0.00	48.01 0.35 0.00	58.34 0.95 0.00	110.31 2.52 0.00	98.01 2.40 0.00	64.13 1.65 0.00	50.42 1.20 0.00	45.54 1.00 0.00	45.18 0.78 0.00
HUNTER MOUNT___DRP 323613	36.97 0.66 0.00	34.12 0.66 0.00	41.14 0.65 0.00	37.56 0.61 0.00	35.67 0.70 0.00	41.49 1.37 0.00	60.29 2.21 0.00	78.18 3.23 0.00	95.12 3.51 0.00	45.11 0.64 0.00	46.69 0.17 0.00	43.50 0.13 0.00	44.68 0.36 0.00	44.02 0.29 0.00	41.90 0.28 0.00	41.83 0.38 0.00	48.12 0.46 0.00	58.51 1.12 0.00	110.67 2.88 0.00	98.36 2.76 0.00	64.38 1.90 0.00	50.59 1.37 0.00	45.67 1.13 0.00	45.30 0.90 0.00
HUNTINGTON_RES_REC 323705	37.13 0.81 0.00	34.26 0.80 0.00	41.08 0.58 0.00	37.27 0.31 0.00	34.72 -0.25 0.00	39.34 -0.78 0.00	29.33 -0.98 27.78	49.14 -0.41 25.40	2.37 -0.87 88.37	5.82 -0.02 38.63	42.74 -0.23 3.55	34.24 0.08 9.21	38.52 -0.11 5.69	29.07 0.01 14.66	18.91 0.60 23.30	35.10 0.54 6.88	42.97 0.38 5.06	30.71 1.08 27.77	62.61 0.52 45.70	57.04 0.54 39.10	37.06 0.38 25.80	30.02 0.58 19.77	35.13 0.76 10.17	50.16 1.25 -4.50
HUNTLEY___63 23557	36.96 0.64 0.00	33.88 0.43 0.00	41.09 0.59 0.00	37.52 0.56 0.00	35.47 0.50 0.00	40.88 0.75 0.00	58.79 0.71 0.00	74.57 -0.38 0.00	91.05 -0.56 0.00	45.32 0.86 0.00	48.41 1.89 0.00	46.70 1.27 -2.05	46.05 1.73 0.00	45.28 1.55 0.00	42.95 1.33 0.00	42.50 1.06 0.00	47.85 0.19 0.00	55.83 -1.57 0.00	103.57 -4.22 0.00	90.33 -5.28 0.00	58.70 -3.78 0.00	46.34 -2.87 0.00	42.99 -1.56 0.00	44.51 0.11 0.00
HUNTLEY___64 23558	36.96 0.64 0.00	33.88 0.43 0.00	41.09 0.59 0.00	37.52 0.56 0.00	35.47 0.50 0.00	40.88 0.75 0.00	58.79 0.71 0.00	74.57 -0.38 0.00	91.05 -0.56 0.00	45.32 0.86 0.00	48.41 1.89 0.00	46.70 1.27 -2.05	46.05 1.73 0.00	45.28 1.55 0.00	42.95 1.33 0.00	42.50 1.06 0.00	47.85 0.19 0.00	55.83 -1.57 0.00	103.57 -4.22 0.00	90.33 -5.28 0.00	58.70 -3.78 0.00	46.34 -2.87 0.00	42.99 -1.56 0.00	44.51 0.11 0.00
HUNTLEY___65 23559	36.96 0.64 0.00	33.88 0.43 0.00	41.09 0.59 0.00	37.52 0.56 0.00	35.47 0.50 0.00	40.88 0.75 0.00	58.79 0.71 0.00	74.57 -0.38 0.00	91.05 -0.56 0.00	45.32 0.86 0.00	48.41 1.89 0.00	46.70 1.27 -2.05	46.05 1.73 0.00	45.28 1.55 0.00	42.95 1.33 0.00	42.50 1.06 0.00	47.85 0.19 0.00	55.83 -1.57 0.00	103.57 -4.22 0.00	90.33 -5.28 0.00	58.70 -3.78 0.00	46.34 -2.87 0.00	42.99 -1.56 0.00	44.51 0.11 0.00
HUNTLEY___66 23560	36.96 0.64 0.00	33.88 0.43 0.00	41.09 0.59 0.00	37.52 0.56 0.00	35.47 0.50 0.00	40.88 0.75 0.00	58.79 0.71 0.00	74.57 -0.38 0.00	91.05 -0.56 0.00	45.32 0.86 0.00	48.41 1.89 0.00	46.70 1.27 -2.05	46.05 1.73 0.00	45.28 1.55 0.00	42.95 1.33 0.00	42.50 1.06 0.00	47.85 0.19 0.00	55.83 -1.57 0.00	103.57 -4.22 0.00	90.33 -5.28 0.00	58.70 -3.78 0.00	46.34 -2.87 0.00	42.99 -1.56 0.00	44.51 0.11 0.00
HUNTLEY___67 23561	36.67 0.36 0.00	33.62 0.16 0.00	40.81 0.32 0.00	37.25 0.29 0.00	35.19 0.23 0.00	40.61 0.48 0.00	58.40 0.32 0.00	74.16 -0.79 0.00	90.58 -1.04 0.00	45.03 0.56 0.00	48.00 1.48 0.00	46.31 0.97 -1.97	45.71 1.39 0.00	44.94 1.21 0.00	42.63 1.01 0.00	42.19 0.75 0.00	47.54 -0.12 0.00	55.60 -1.80 0.00	103.24 -4.56 0.00	90.08 -5.53 0.00	58.56 -3.93 0.00	46.20 -3.01 0.00	42.75 -1.80 0.00	44.17 -0.23 0.00
HUNTLEY___68 23562	36.67 0.36 0.00	33.62 0.16 0.00	40.81 0.32 0.00	37.25 0.29 0.00	35.19 0.23 0.00	40.61 0.48 0.00	58.40 0.32 0.00	74.16 -0.79 0.00	90.58 -1.04 0.00	45.03 0.56 0.00	48.00 1.48 0.00	46.31 0.97 -1.97	45.71 1.39 0.00	44.94 1.21 0.00	42.63 1.01 0.00	42.19 0.75 0.00	47.54 -0.12 0.00	55.60 -1.80 0.00	103.24 -4.56 0.00	90.08 -5.53 0.00	58.56 -3.93 0.00	46.20 -3.01 0.00	42.75 -1.80 0.00	44.17 -0.23 0.00

HYLAND___LFGE 323620	38.08 1.76 0.00	34.95 1.49 0.00	42.47 1.97 0.00	38.88 1.92 0.00	36.86 1.89 0.00	42.66 2.54 0.00	62.07 3.98 0.00	79.77 4.82 0.00	97.09 5.48 0.00	47.49 3.02 0.00	49.73 3.21 0.00	48.02 2.22 -2.43	46.78 2.46 0.00	45.95 2.22 0.00	43.65 2.03 0.00	43.37 1.93 0.00	49.34 1.68 0.00	59.97 2.58 0.00	112.81 5.01 0.00	99.66 4.05 0.00	64.88 2.39 0.00	50.94 1.73 0.00	46.45 1.91 0.00	46.92 2.52 0.00
INDECK___CORINTH 23802	37.07 0.76 0.00	34.24 0.78 0.00	41.42 0.93 0.00	37.73 0.77 0.00	35.71 0.75 0.00	40.90 0.77 0.00	59.55 1.46 0.00	77.24 2.29 0.00	93.79 2.18 0.00	44.43 -0.03 0.00	46.15 -0.37 0.00	42.09 -0.51 0.78	44.35 0.03 0.00	43.75 0.02 0.00	41.68 0.06 0.00	41.71 0.27 0.00	48.53 0.87 0.00	58.97 1.57 0.00	111.17 3.37 0.00	98.94 3.33 0.00	64.68 2.20 0.00	50.78 1.56 0.00	45.83 1.29 0.00	45.33 0.93 0.00
INDECK___ILION 23567	37.15 0.83 0.00	34.25 0.79 0.00	41.47 0.97 0.00	37.88 0.92 0.00	35.84 0.88 0.00	41.16 1.03 0.00	59.66 1.58 0.00	77.10 2.15 0.00	93.68 2.07 0.00	44.95 0.49 0.00	46.84 0.33 0.00	43.75 0.37 0.00	44.51 0.19 0.00	43.91 0.19 0.00	41.80 0.18 0.00	41.67 0.23 0.00	48.15 0.50 0.00	58.70 1.31 0.00	110.70 2.91 0.00	98.25 2.64 0.00	64.24 1.76 0.00	50.65 1.43 0.00	45.81 1.27 0.00	45.54 1.14 0.00
INDECK___OLEAN 23982	37.06 0.74 0.00	34.01 0.55 0.00	41.41 0.91 0.00	37.80 0.84 0.00	35.71 0.74 0.00	40.99 0.86 0.00	58.74 0.66 0.00	75.29 0.34 0.00	92.20 0.59 0.00	45.39 0.92 0.00	48.46 1.94 0.00	47.08 1.62 -2.08	46.33 2.01 0.00	45.43 1.71 0.00	43.14 1.52 0.00	42.61 1.17 0.00	47.99 0.32 0.00	56.83 -0.56 0.00	106.43 -1.36 0.00	93.06 -2.55 0.00	60.44 -2.04 0.00	47.66 -1.55 0.00	43.79 -0.75 0.00	44.65 0.25 0.00
INDECK___OSWEGO 23783	35.53 -0.78 0.00	32.70 -0.76 0.00	39.64 -0.86 0.00	36.18 -0.78 0.00	34.24 -0.73 0.00	39.31 -0.82 0.00	56.92 -1.16 0.00	73.46 -1.49 0.00	89.80 -1.81 0.00	43.55 -0.91 0.00	45.44 -1.08 0.00	42.28 -1.10 0.00	43.22 -1.09 0.00	42.65 -1.08 0.00	40.59 -1.03 0.00	40.43 -1.02 0.00	46.49 -1.17 0.00	56.11 -1.28 0.00	105.56 -2.23 0.00	93.44 -2.16 0.00	61.03 -1.46 0.00	48.10 -1.11 0.00	43.55 -0.99 0.00	43.46 -0.94 0.00
INDECK___YERKES 23781	36.99 0.68 0.00	33.92 0.46 0.00	41.12 0.63 0.00	37.56 0.60 0.00	35.50 0.53 0.00	40.92 0.79 0.00	58.84 0.76 0.00	74.65 -0.30 0.00	91.11 -0.50 0.00	45.36 0.89 0.00	48.45 1.93 0.00	46.67 1.24 -2.05	46.05 1.73 0.00	45.29 1.57 0.00	42.97 1.35 0.00	42.54 1.10 0.00	47.89 0.23 0.00	55.87 -1.52 0.00	103.66 -4.14 0.00	90.41 -5.19 0.00	58.75 -3.73 0.00	46.39 -2.82 0.00	43.03 -1.52 0.00	44.55 0.15 0.00
INDIAN POINT_GT_1 24139	37.33 1.02 0.00	34.39 0.94 0.00	41.49 0.99 0.00	37.81 0.85 0.00	35.72 0.76 0.00	40.81 0.68 0.00	59.10 1.01 0.00	76.80 1.86 0.00	93.88 2.27 0.00	45.59 1.12 0.00	47.62 1.10 0.00	44.61 1.24 0.00	45.47 1.15 0.00	44.98 1.25 0.00	43.07 1.45 0.00	42.86 1.42 0.00	49.20 1.54 0.00	59.32 1.93 0.00	111.30 3.51 0.00	98.61 3.00 0.00	64.36 1.88 0.00	50.74 1.53 0.00	45.92 1.38 0.00	45.61 1.21 0.00
INDIAN POINT_GT_2 23659	37.33 1.02 0.00	34.39 0.94 0.00	41.49 0.99 0.00	37.81 0.85 0.00	35.72 0.76 0.00	40.81 0.68 0.00	59.10 1.01 0.00	76.80 1.86 0.00	93.88 2.27 0.00	45.59 1.12 0.00	47.62 1.10 0.00	44.61 1.24 0.00	45.47 1.15 0.00	44.98 1.25 0.00	43.07 1.45 0.00	42.86 1.42 0.00	49.20 1.54 0.00	59.32 1.93 0.00	111.30 3.51 0.00	98.61 3.00 0.00	64.36 1.88 0.00	50.74 1.53 0.00	45.92 1.38 0.00	45.61 1.21 0.00
INDIAN POINT_GT_3 24019	37.33 1.02 0.00	34.39 0.94 0.00	41.49 0.99 0.00	37.81 0.85 0.00	35.72 0.76 0.00	40.81 0.68 0.00	59.10 1.01 0.00	76.80 1.86 0.00	93.88 2.27 0.00	45.59 1.12 0.00	47.62 1.10 0.00	44.61 1.24 0.00	45.47 1.15 0.00	44.98 1.25 0.00	43.07 1.45 0.00	42.86 1.42 0.00	49.20 1.54 0.00	59.32 1.93 0.00	111.30 3.51 0.00	98.61 3.00 0.00	64.36 1.88 0.00	50.74 1.53 0.00	45.92 1.38 0.00	45.61 1.21 0.00
INDIAN POINT___2 23530	37.34 1.02 0.00	34.40 0.94 0.00	41.50 1.00 0.00	37.82 0.86 0.00	35.72 0.76 0.00	40.81 0.68 0.00	59.14 1.05 0.00	76.84 1.88 0.00	93.91 2.29 0.00	45.58 1.12 0.00	47.64 1.11 0.00	44.64 1.26 0.00	45.49 1.18 0.00	45.00 1.27 0.00	43.08 1.46 0.00	42.87 1.42 0.00	49.21 1.55 0.00	59.35 1.95 0.00	111.37 3.58 0.00	98.64 3.03 0.00	64.34 1.86 0.00	50.74 1.53 0.00	45.92 1.38 0.00	45.61 1.21 0.00
INDIAN POINT___3 23531	37.31 0.99 0.00	34.37 0.92 0.00	41.47 0.97 0.00	37.80 0.84 0.00	35.71 0.74 0.00	40.80 0.67 0.00	59.09 1.01 0.00	76.76 1.81 0.00	93.83 2.22 0.00	45.56 1.10 0.00	47.59 1.07 0.00	44.59 1.21 0.00	45.45 1.13 0.00	44.95 1.23 0.00	43.05 1.43 0.00	42.83 1.39 0.00	49.17 1.51 0.00	59.30 1.90 0.00	111.26 3.47 0.00	98.58 2.98 0.00	64.33 1.85 0.00	50.72 1.51 0.00	45.89 1.35 0.00	45.58 1.18 0.00
INGHAM_C_115KV_TB7 356103	38.19 1.88 0.00	35.24 1.78 0.00	42.69 2.19 0.00	38.97 2.01 0.00	36.91 1.94 0.00	42.42 2.29 0.00	61.59 3.51 0.00	79.60 4.65 0.00	95.99 4.38 0.00	45.35 0.89 0.00	47.04 0.52 0.00	44.00 0.62 0.00	44.71 0.39 0.00	44.11 0.39 0.00	41.97 0.35 0.00	41.92 0.48 0.00	48.68 1.02 0.00	60.24 2.84 0.00	114.25 6.46 0.00	101.46 5.85 0.00	66.39 3.91 0.00	52.41 3.19 0.00	47.38 2.84 0.00	46.98 2.58 0.00
IP CORINTH___1 23988	37.29 0.98 0.00	34.42 0.97 0.00	41.64 1.14 0.00	37.93 0.97 0.00	35.91 0.94 0.00	41.15 1.02 0.00	59.90 1.82 0.00	77.69 2.74 0.00	94.34 2.73 0.00	44.69 0.22 0.00	46.42 -0.10 0.00	42.33 -0.27 0.78	44.59 0.27 0.00	43.98 0.25 0.00	41.90 0.28 0.00	41.95 0.50 0.00	48.81 1.15 0.00	59.30 1.91 0.00	111.81 4.02 0.00	99.50 3.90 0.00	65.04 2.56 0.00	51.06 1.84 0.00	46.09 1.55 0.00	45.58 1.18 0.00
IP___TICONDEROGA 23804	39.30 2.99 0.00	36.22 2.77 0.00	43.82 3.32 0.00	39.87 2.91 0.00	37.66 2.70 0.00	43.52 3.39 0.00	63.68 5.60 0.00	83.11 8.16 0.00	100.25 8.64 0.00	46.20 1.73 0.00	47.53 1.01 0.00	43.23 0.62 0.77	45.95 1.64 0.00	45.51 1.79 0.00	43.29 1.67 0.00	43.64 2.20 0.00	51.35 3.69 0.00	62.58 5.19 0.00	118.69 10.89 0.00	106.23 10.62 0.00	69.53 7.05 0.00	54.49 5.28 0.00	48.97 4.42 0.00	47.83 3.43 0.00
ISLIP_RES_REC 323679	37.37 1.06 0.00	34.47 1.01 0.00	41.28 0.78 0.00	37.51 0.55 0.00	34.99 0.02 0.00	39.68 -0.45 0.00	47.94 -0.66 9.49	65.29 -0.08 9.58	47.67 -0.39 43.56	26.93 0.25 17.78	45.00 0.00 1.52	39.55 0.26 4.08	41.76 0.06 2.62	36.98 0.17 6.91	31.44 0.88 11.06	39.48 0.88 2.85	44.30 0.84 4.20	37.79 1.76 21.36	74.42 1.66 35.03	67.46 1.47 29.62	44.38 0.97 19.07	35.93 1.09 14.38	37.29 1.37 8.62	50.77 1.86 -4.51

JAMAICA__27_KV_LOAD 355505	37.62 1.30 0.00	34.63 1.17 0.00	41.65 1.15 0.00	38.08 1.12 0.00	36.01 1.04 0.00	41.15 1.03 0.00	59.42 1.34 0.00	77.31 2.36 0.00	94.57 2.96 0.00	46.09 1.62 0.00	48.05 1.53 0.00	45.07 1.69 0.00	45.88 1.56 0.00	45.41 1.68 0.00	43.50 1.88 0.00	43.33 1.88 0.00	49.70 2.04 0.00	59.80 2.41 0.00	112.10 4.31 0.00	99.27 3.67 0.00	64.79 2.31 0.00	51.05 1.83 0.00	46.24 1.70 0.00	45.84 1.44 0.00
JANIS__SOLAR 323808	37.41 1.10 0.00	34.43 0.97 0.00	41.89 1.39 0.00	38.23 1.27 0.00	36.22 1.25 0.00	41.72 1.59 0.00	60.63 2.55 0.00	78.27 3.32 0.00	95.02 3.41 0.00	46.10 1.64 0.00	47.97 1.45 0.00	56.49 1.05 -12.06	44.94 0.62 0.00	44.25 0.53 0.00	42.17 0.55 0.00	41.96 0.52 0.00	48.51 0.85 0.00	59.27 1.87 0.00	112.36 4.56 0.00	99.30 3.70 0.00	64.84 2.35 0.00	51.11 1.89 0.00	46.33 1.79 0.00	46.24 1.84 0.00
JARVIS____ 23743	36.39 0.07 0.00	33.52 0.06 0.00	40.58 0.08 0.00	37.04 0.08 0.00	35.04 0.07 0.00	40.20 0.07 0.00	58.20 0.12 0.00	75.15 0.20 0.00	91.83 0.22 0.00	44.52 0.06 0.00	46.53 0.01 0.00	43.42 0.04 0.00	44.27 -0.04 0.00	43.68 -0.04 0.00	41.60 -0.02 0.00	41.44 0.00 0.00	47.70 0.04 0.00	57.52 0.13 0.00	108.06 0.27 0.00	95.84 0.23 0.00	62.67 0.19 0.00	49.36 0.14 0.00	44.66 0.12 0.00	44.49 0.08 0.00
JENNISON____1 23625	36.72 0.40 0.00	33.92 0.47 0.00	41.40 0.90 0.00	37.77 0.81 0.00	35.86 0.89 0.00	41.23 1.11 0.00	59.92 1.84 0.00	77.46 2.51 0.00	94.48 2.87 0.00	46.09 1.62 0.00	48.38 1.86 0.00	70.57 1.93 -25.27	45.73 1.41 0.00	45.01 1.28 0.00	42.97 1.35 0.00	42.47 1.03 0.00	48.93 1.28 0.00	59.42 2.03 0.00	111.58 3.78 0.00	98.53 2.93 0.00	64.53 2.04 0.00	51.04 1.82 0.00	46.38 1.84 0.00	46.27 1.87 0.00
JENNISON____2 23626	36.72 0.40 0.00	33.92 0.47 0.00	41.40 0.90 0.00	37.77 0.81 0.00	35.86 0.89 0.00	41.23 1.11 0.00	59.92 1.84 0.00	77.46 2.51 0.00	94.48 2.87 0.00	46.09 1.62 0.00	48.38 1.86 0.00	70.57 1.93 -25.27	45.73 1.41 0.00	45.01 1.28 0.00	42.97 1.35 0.00	42.47 1.03 0.00	48.93 1.28 0.00	59.42 2.03 0.00	111.58 3.78 0.00	98.53 2.93 0.00	64.53 2.04 0.00	51.04 1.82 0.00	46.38 1.84 0.00	46.27 1.87 0.00
JERICOHO_RISE_WT_PWR 323719	36.77 0.45 0.00	33.88 0.43 0.00	41.02 0.52 0.00	37.44 0.49 0.00	35.41 0.44 0.00	40.77 0.64 0.00	59.19 1.11 0.00	76.33 1.38 0.00	93.12 1.51 0.00	45.10 0.63 0.00	47.18 0.66 0.00	43.87 0.50 0.00	44.88 0.56 0.00	44.31 0.58 0.00	42.09 0.48 0.00	41.98 0.53 0.00	48.27 0.61 0.00	58.03 0.64 0.00	109.21 1.42 0.00	97.07 1.46 0.00	63.45 0.97 0.00	50.02 0.80 0.00	45.17 0.63 0.00	44.92 0.52 0.00
KATONAH__115KV_46KV_TB4 355592	37.45 1.14 0.00	34.51 1.05 0.00	41.62 1.12 0.00	37.92 0.96 0.00	35.83 0.87 0.00	40.96 0.84 0.00	59.28 1.20 0.00	77.05 2.10 0.00	94.21 2.61 0.00	45.78 1.32 0.00	47.80 1.28 0.00	44.76 1.39 0.00	45.63 1.31 0.00	45.12 1.40 0.00	43.19 1.57 0.00	43.00 1.56 0.00	49.38 1.72 0.00	59.53 2.14 0.00	111.62 3.83 0.00	98.97 3.37 0.00	64.61 2.13 0.00	50.93 1.72 0.00	46.09 1.54 0.00	45.75 1.35 0.00
KCE_NY_1 323755	37.37 1.06 0.00	34.47 1.02 0.00	41.74 1.24 0.00	38.00 1.04 0.00	35.98 1.01 0.00	41.26 1.13 0.00	59.88 1.79 0.00	77.42 2.47 0.00	94.43 2.82 0.00	45.06 0.59 0.00	46.96 0.44 0.00	42.93 0.31 0.76	44.98 0.66 0.00	44.38 0.66 0.00	42.30 0.68 0.00	42.25 0.81 0.00	49.02 1.37 0.00	59.41 2.02 0.00	111.71 3.92 0.00	99.32 3.71 0.00	64.95 2.46 0.00	51.02 1.80 0.00	46.09 1.55 0.00	45.72 1.31 0.00
KCE_NY_6_ESR 323823	36.97 0.66 0.00	33.87 0.42 0.00	41.15 0.65 0.00	37.57 0.61 0.00	35.50 0.53 0.00	40.99 0.86 0.00	58.95 0.87 0.00	75.04 0.09 0.00	91.62 0.01 0.00	45.54 1.07 0.00	48.48 1.96 0.00	46.78 1.36 -2.04	46.09 1.77 0.00	45.34 1.62 0.00	43.04 1.42 0.00	42.59 1.15 0.00	48.02 0.36 0.00	56.30 -1.09 0.00	104.77 -3.03 0.00	91.49 -4.11 0.00	59.46 -3.03 0.00	46.88 -2.33 0.00	43.28 -1.26 0.00	44.61 0.21 0.00
KEDC_PORT_JEFF_GT2 24210	37.20 0.88 0.00	34.32 0.86 0.00	41.12 0.62 0.00	37.35 0.39 0.00	34.83 -0.14 0.00	39.44 -0.69 0.00	46.35 -1.13 10.60	63.08 -0.77 11.10	38.87 -1.45 51.29	22.36 -0.16 21.94	44.43 -0.25 1.83	38.45 0.05 4.98	40.93 -0.15 3.24	35.10 -0.02 8.60	28.45 0.62 13.79	38.94 0.63 3.13	43.77 0.50 4.39	36.27 1.25 22.37	71.16 0.04 36.67	64.66 0.07 31.02	42.58 0.08 19.98	34.59 0.44 15.07	36.39 0.85 9.00	50.42 1.56 -4.46
KEDC_PORT_JEFF_GT3 24211	37.20 0.88 0.00	34.32 0.86 0.00	41.12 0.62 0.00	37.35 0.39 0.00	34.83 -0.14 0.00	39.44 -0.69 0.00	46.35 -1.13 10.60	63.08 -0.77 11.10	38.87 -1.45 51.29	22.36 -0.16 21.94	44.43 -0.25 1.83	38.45 0.05 4.98	40.93 -0.15 3.24	35.10 -0.02 8.60	28.45 0.62 13.79	38.94 0.63 3.13	43.77 0.50 4.39	36.27 1.25 22.37	71.16 0.04 36.67	64.66 0.07 31.02	42.58 0.08 19.98	34.59 0.44 15.07	36.39 0.85 9.00	50.42 1.56 -4.46
KEDC_GLWD_GT4 24219	37.69 1.38 0.00	34.74 1.28 0.00	41.80 1.30 0.00	38.03 1.07 0.00	35.74 0.77 0.00	40.75 0.62 0.00	59.00 0.92 0.00	76.78 1.83 0.00	89.59 2.21 4.24	45.77 1.30 0.00	47.78 1.27 0.00	44.85 1.48 0.00	45.71 1.39 0.00	45.22 1.49 0.00	43.40 1.78 0.00	43.15 1.70 0.00	49.47 1.81 0.00	59.73 2.34 0.00	111.54 3.74 0.00	98.88 3.27 0.00	64.63 2.15 0.00	51.03 1.81 0.00	46.25 1.70 0.00	53.92 1.72 -7.80
KEDC_GLWD_GT5 24220	37.69 1.38 0.00	34.74 1.28 0.00	41.80 1.30 0.00	38.03 1.07 0.00	35.74 0.77 0.00	40.75 0.62 0.00	59.00 0.92 0.00	76.78 1.83 0.00	89.59 2.21 4.24	45.77 1.30 0.00	47.78 1.27 0.00	44.85 1.48 0.00	45.71 1.39 0.00	45.22 1.49 0.00	43.40 1.78 0.00	43.15 1.70 0.00	49.47 1.81 0.00	59.73 2.34 0.00	111.54 3.74 0.00	98.88 3.27 0.00	64.63 2.15 0.00	51.03 1.81 0.00	46.25 1.70 0.00	53.92 1.72 -7.80
KENSICO____ 23655	37.44 1.12 0.00	34.50 1.04 0.00	41.59 1.10 0.00	37.90 0.94 0.00	35.80 0.83 0.00	40.89 0.76 0.00	59.16 1.08 0.00	76.94 1.99 0.00	94.03 2.42 0.00	45.73 1.27 0.00	47.75 1.23 0.00	44.74 1.37 0.00	45.61 1.29 0.00	45.12 1.40 0.00	43.21 1.60 0.00	43.02 1.58 0.00	49.36 1.70 0.00	59.48 2.09 0.00	111.52 3.73 0.00	98.78 3.18 0.00	64.48 2.00 0.00	50.87 1.65 0.00	46.03 1.49 0.00	45.72 1.31 0.00
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	37.73 1.42 0.00	34.72 1.27 0.00	41.95 1.45 0.00	38.23 1.28 0.00	36.13 1.17 0.00	41.30 1.17 0.00	59.96 1.87 0.00	77.88 2.93 0.00	95.10 3.49 0.00	46.03 1.56 0.00	47.92 1.40 0.00	44.77 1.40 0.00	45.39 1.07 0.00	44.57 0.84 0.00	42.63 1.01 0.00	42.49 1.04 0.00	49.00 1.34 0.00	59.33 1.94 0.00	111.87 4.07 0.00	99.90 4.29 0.00	65.19 2.71 0.00	51.34 2.13 0.00	46.42 1.88 0.00	46.10 1.69 0.00

KIAC_JFK_GT1 23816	37.49 1.18 0.00	34.52 1.07 0.00	41.53 1.03 0.00	37.96 1.00 0.00	35.90 0.93 0.00	41.02 0.89 0.00	59.19 1.11 0.00	77.02 2.07 0.00	94.22 2.61 0.00	45.93 1.46 0.00	47.90 1.38 0.00	44.92 1.54 0.00	45.74 1.42 0.00	45.27 1.54 0.00	43.37 1.75 0.00	43.19 1.75 0.00	49.55 1.89 0.00	59.61 2.21 0.00	111.69 3.90 0.00	98.93 3.32 0.00	64.57 2.09 0.00	50.87 1.65 0.00	46.09 1.55 0.00	45.70 1.30 0.00
KIAC_JFK_GT2 23817	37.49 1.18 0.00	34.52 1.07 0.00	41.53 1.03 0.00	37.96 1.00 0.00	35.90 0.93 0.00	41.02 0.89 0.00	59.19 1.11 0.00	77.02 2.07 0.00	94.22 2.61 0.00	45.93 1.46 0.00	47.90 1.38 0.00	44.92 1.54 0.00	45.74 1.42 0.00	45.27 1.54 0.00	43.37 1.75 0.00	43.19 1.75 0.00	49.55 1.89 0.00	59.61 2.21 0.00	111.69 3.90 0.00	98.93 3.32 0.00	64.57 2.09 0.00	50.87 1.65 0.00	46.09 1.55 0.00	45.70 1.30 0.00
KIAC_JFK____ 323774	37.49 1.18 0.00	34.52 1.07 0.00	41.52 1.02 0.00	37.96 1.00 0.00	35.90 0.93 0.00	41.02 0.89 0.00	59.19 1.11 0.00	77.01 2.07 0.00	94.23 2.62 0.00	45.92 1.46 0.00	47.90 1.38 0.00	44.94 1.56 0.00	45.76 1.44 0.00	45.27 1.55 0.00	43.37 1.75 0.00	43.19 1.75 0.00	49.55 1.89 0.00	59.61 2.21 0.00	111.70 3.91 0.00	98.93 3.32 0.00	64.58 2.09 0.00	50.87 1.65 0.00	46.09 1.55 0.00	45.70 1.30 0.00
KINTIGH__24_KV_GSU 356498	36.65 0.34 0.00	33.64 0.18 0.00	40.80 0.30 0.00	37.24 0.27 0.00	35.20 0.23 0.00	40.54 0.41 0.00	58.36 0.28 0.00	74.22 -0.73 0.00	90.54 -1.08 0.00	44.95 0.48 0.00	47.84 1.32 0.00	45.94 0.80 -1.76	45.56 1.24 0.00	44.81 1.09 0.00	42.53 0.91 0.00	42.10 0.65 0.00	47.52 -0.14 0.00	55.78 -1.61 0.00	103.66 -4.13 0.00	90.60 -5.01 0.00	58.90 -3.59 0.00	46.50 -2.72 0.00	42.91 -1.63 0.00	44.20 -0.20 0.00
KINTIGH____ 23543	36.63 0.32 0.00	33.62 0.16 0.00	40.77 0.27 0.00	37.21 0.25 0.00	35.16 0.19 0.00	40.50 0.37 0.00	58.32 0.24 0.00	74.17 -0.78 0.00	90.54 -1.07 0.00	44.91 0.45 0.00	47.80 1.28 0.00	45.96 0.82 -1.76	45.55 1.23 0.00	44.80 1.07 0.00	42.50 0.88 0.00	42.07 0.62 0.00	47.49 -0.17 0.00	55.74 -1.65 0.00	103.60 -4.19 0.00	90.55 -5.06 0.00	58.86 -3.63 0.00	46.46 -2.75 0.00	42.89 -1.66 0.00	44.18 -0.22 0.00
KNTFSRNC_46_KV_46KV_LOAD 80397	37.27 0.95 0.00	34.36 0.90 0.00	41.60 1.10 0.00	37.97 1.01 0.00	35.91 0.95 0.00	41.36 1.23 0.00	60.06 1.98 0.00	77.63 2.68 0.00	94.60 3.00 0.00	45.60 1.13 0.00	47.60 1.08 0.00	44.20 0.82 0.00	45.20 0.88 0.00	44.64 0.91 0.00	42.39 0.77 0.00	42.38 0.94 0.00	48.77 1.11 0.00	58.74 1.35 0.00	110.65 2.86 0.00	98.51 2.91 0.00	64.35 1.86 0.00	50.79 1.57 0.00	45.80 1.26 0.00	45.44 1.03 0.00
LACHUTE____HYDRO 323717	39.30 2.99 0.00	36.22 2.77 0.00	43.82 3.32 0.00	39.87 2.91 0.00	37.66 2.70 0.00	43.52 3.39 0.00	63.68 5.60 0.00	83.11 8.17 0.00	100.25 8.64 0.00	46.20 1.74 0.00	47.53 1.01 0.00	43.24 0.63 0.77	45.96 1.64 0.00	45.51 1.78 0.00	43.29 1.67 0.00	43.64 2.19 0.00	51.35 3.69 0.00	62.59 5.19 0.00	118.69 10.89 0.00	106.23 10.62 0.00	69.53 7.04 0.00	54.49 5.28 0.00	48.96 4.42 0.00	47.84 3.43 0.00
LAWRNCALV_115KV_TB1 80681	37.50 1.19 0.00	34.55 1.09 0.00	41.86 1.36 0.00	38.25 1.29 0.00	36.17 1.21 0.00	41.53 1.40 0.00	60.24 2.16 0.00	77.57 2.62 0.00	94.33 2.72 0.00	45.64 1.18 0.00	47.63 1.11 0.00	44.27 0.89 0.00	45.19 0.87 0.00	44.58 0.85 0.00	42.35 0.73 0.00	42.22 0.77 0.00	48.68 1.03 0.00	58.69 1.30 0.00	110.20 2.41 0.00	98.13 2.52 0.00	64.57 2.08 0.00	51.04 1.83 0.00	46.06 1.52 0.00	45.87 1.47 0.00
LEDERLE____ 23769	37.52 1.20 0.00	34.56 1.10 0.00	41.70 1.20 0.00	38.01 1.05 0.00	35.92 0.95 0.00	41.04 0.92 0.00	59.66 1.57 0.00	77.50 2.55 0.00	94.69 3.07 0.00	45.92 1.45 0.00	48.01 1.49 0.00	44.97 1.59 0.00	45.83 1.51 0.00	45.35 1.62 0.00	43.40 1.78 0.00	43.19 1.75 0.00	49.63 1.97 0.00	59.89 2.50 0.00	112.38 4.58 0.00	99.35 3.75 0.00	64.80 2.32 0.00	51.06 1.84 0.00	46.19 1.65 0.00	45.87 1.46 0.00
LIGHTHSE_115KV_TB6 355974	36.40 0.09 0.00	33.49 0.03 0.00	40.68 0.18 0.00	37.20 0.24 0.00	35.23 0.26 0.00	40.49 0.37 0.00	58.78 0.70 0.00	75.91 0.96 0.00	92.70 1.09 0.00	44.71 0.24 0.00	46.20 -0.33 0.00	42.84 -0.53 0.00	43.69 -0.63 0.00	43.11 -0.61 0.00	41.00 -0.62 0.00	40.90 -0.55 0.00	47.14 -0.52 0.00	57.28 -0.11 0.00	108.37 0.58 0.00	95.84 0.23 0.00	62.63 0.14 0.00	49.51 0.30 0.00	44.72 0.17 0.00	44.61 0.21 0.00
LINDEN COGEN____ 23786	37.39 1.07 0.00	34.46 1.00 0.00	41.47 0.97 0.00	37.83 0.87 0.00	35.75 0.78 0.00	40.83 0.70 0.00	58.97 0.89 0.00	76.85 1.90 0.00	93.92 2.31 0.00	45.78 1.32 0.00	47.78 1.27 0.00	44.82 1.44 0.00	45.66 1.34 0.00	45.17 1.45 0.00	43.33 1.71 0.00	43.17 1.72 0.00	49.45 1.79 0.00	59.47 2.08 0.00	111.32 3.52 0.00	98.58 2.98 0.00	64.34 1.86 0.00	50.79 1.57 0.00	45.98 1.44 0.00	45.62 1.22 0.00
LINDHRST_69_KV_BK1 356055	37.83 1.51 0.00	34.85 1.39 0.00	41.84 1.34 0.00	37.99 1.03 0.00	35.45 0.49 0.00	40.32 0.20 0.00	54.06 0.41 4.43	72.94 1.30 3.31	79.51 1.45 13.55	43.42 1.03 2.08	47.10 0.90 0.33	43.78 1.09 0.69	44.96 0.94 0.30	44.19 1.05 0.59	42.41 1.62 0.83	41.83 1.49 1.10	47.70 1.44 1.40	51.93 2.24 7.71	98.03 3.14 12.90	87.37 2.84 11.07	57.06 1.93 7.35	45.27 1.71 5.65	43.53 1.79 2.80	51.78 2.14 -5.23
LIPA_MISC_IPP 23656	37.03 0.72 0.00	34.16 0.71 0.00	40.93 0.43 0.00	37.19 0.23 0.00	34.68 -0.28 0.00	39.32 -0.81 0.00	49.16 -1.25 7.68	65.26 -0.82 8.87	43.53 -1.33 46.75	24.10 -0.23 20.13	44.37 -0.54 1.61	38.70 -0.21 4.46	40.96 -0.39 2.97	35.49 -0.25 7.99	29.12 0.37 12.87	39.40 0.46 2.51	43.75 0.42 4.33	36.98 1.29 21.70	73.21 0.96 35.54	66.51 0.88 29.98	43.88 0.59 19.19	35.61 0.81 14.42	36.72 1.10 8.92	50.38 1.55 -4.43
LISF____SOLAR 323691	37.08 0.77 0.00	34.21 0.76 0.00	40.98 0.48 0.00	37.24 0.28 0.00	34.74 -0.23 0.00	39.37 -0.75 0.00	48.82 -1.16 8.11	65.12 -0.70 9.13	43.58 -1.18 46.85	24.19 -0.21 20.06	44.38 -0.53 1.62	38.72 -0.19 4.47	40.98 -0.38 2.96	35.54 -0.24 7.94	29.22 0.38 12.78	39.33 0.48 2.59	43.83 0.49 4.32	37.05 1.39 21.73	73.38 1.18 35.59	66.64 1.07 30.03	43.95 0.71 19.25	35.65 0.90 14.47	36.83 1.19 8.90	50.48 1.64 -4.44
LITTLE FALLS____HYD 24013	38.19 1.88 0.00	35.24 1.78 0.00	42.69 2.19 0.00	38.97 2.01 0.00	36.91 1.94 0.00	42.42 2.29 0.00	61.59 3.51 0.00	79.60 4.65 0.00	95.99 4.38 0.00	45.35 0.89 0.00	47.04 0.52 0.00	44.00 0.62 0.00	44.71 0.39 0.00	44.11 0.39 0.00	41.97 0.35 0.00	41.92 0.48 0.00	48.68 1.02 0.00	60.24 2.84 0.00	114.25 6.46 0.00	101.46 5.85 0.00	66.39 3.91 0.00	52.41 3.19 0.00	47.38 2.84 0.00	46.98 2.58 0.00

LITTLRIV_115KV_TB1 356100	38.09 1.77 0.00	35.08 1.63 0.00	42.51 2.01 0.00	38.86 1.90 0.00	36.76 1.79 0.00	42.22 2.09 0.00	61.41 3.33 0.00	79.06 4.11 0.00	95.77 4.16 0.00	45.95 1.49 0.00	47.83 1.31 0.00	44.44 1.06 0.00	45.36 1.04 0.00	44.73 1.00 0.00	42.48 0.86 0.00	42.35 0.90 0.00	49.00 1.34 0.00	59.33 1.94 0.00	111.98 4.18 0.00	99.70 4.09 0.00	65.59 3.10 0.00	51.81 2.60 0.00	46.71 2.17 0.00	46.49 2.09 0.00
LI_NEWBRDGE___DRP 323616	37.41 1.10 0.00	34.48 1.03 0.00	41.43 0.93 0.00	37.64 0.68 0.00	35.20 0.24 0.00	40.04 -0.08 0.00	58.01 -0.07 0.00	75.53 0.58 0.00	83.59 0.61 8.63	45.11 0.64 0.00	47.03 0.51 0.00	44.16 0.79 0.00	44.98 0.66 0.00	44.50 0.78 0.00	42.85 1.23 0.00	42.55 1.10 0.00	48.73 1.07 0.00	59.04 1.64 0.00	109.80 2.01 0.00	97.52 1.91 0.00	63.77 1.29 0.00	50.44 1.22 0.00	45.79 1.25 0.00	50.00 1.47 -4.12
LOCKPORT_115KV_TB60_63_64 80432	36.75 0.44 0.00	33.68 0.22 0.00	40.86 0.36 0.00	37.30 0.34 0.00	35.26 0.30 0.00	40.58 0.45 0.00	58.28 0.20 0.00	74.00 -0.96 0.00	90.45 -1.16 0.00	45.06 0.59 0.00	48.03 1.51 0.00	46.43 0.89 -2.17	45.61 1.29 0.00	44.85 1.13 0.00	42.55 0.93 0.00	42.10 0.65 0.00	47.42 -0.23 0.00	55.39 -2.00 0.00	102.76 -5.03 0.00	89.64 -5.96 0.00	58.26 -4.23 0.00	46.01 -3.20 0.00	42.67 -1.87 0.00	44.22 -0.19 0.00
LOCKPORT___CC1 323769	36.73 0.41 0.00	33.67 0.21 0.00	40.84 0.34 0.00	37.30 0.34 0.00	35.24 0.28 0.00	40.58 0.45 0.00	58.30 0.22 0.00	73.98 -0.98 0.00	90.39 -1.22 0.00	45.04 0.58 0.00	48.02 1.50 0.00	46.34 0.83 -2.14	45.58 1.26 0.00	44.85 1.13 0.00	42.56 0.94 0.00	42.11 0.66 0.00	47.43 -0.23 0.00	55.37 -2.02 0.00	102.73 -5.06 0.00	89.65 -5.95 0.00	58.26 -4.22 0.00	46.01 -3.20 0.00	42.65 -1.90 0.00	44.20 -0.20 0.00
LOCKPORT___CC2 323770	36.73 0.41 0.00	33.67 0.21 0.00	40.84 0.34 0.00	37.30 0.34 0.00	35.24 0.28 0.00	40.58 0.45 0.00	58.30 0.22 0.00	73.98 -0.98 0.00	90.39 -1.22 0.00	45.04 0.58 0.00	48.02 1.50 0.00	46.34 0.83 -2.14	45.58 1.26 0.00	44.85 1.13 0.00	42.56 0.94 0.00	42.11 0.66 0.00	47.43 -0.23 0.00	55.37 -2.02 0.00	102.73 -5.06 0.00	89.65 -5.95 0.00	58.26 -4.22 0.00	46.01 -3.20 0.00	42.65 -1.90 0.00	44.20 -0.20 0.00
LOCKPORT___CC3 323771	36.73 0.41 0.00	33.67 0.21 0.00	40.84 0.34 0.00	37.30 0.34 0.00	35.24 0.28 0.00	40.58 0.45 0.00	58.30 0.22 0.00	73.98 -0.98 0.00	90.39 -1.22 0.00	45.04 0.58 0.00	48.02 1.50 0.00	46.34 0.83 -2.14	45.58 1.26 0.00	44.85 1.13 0.00	42.56 0.94 0.00	42.11 0.66 0.00	47.43 -0.23 0.00	55.37 -2.02 0.00	102.73 -5.06 0.00	89.65 -5.95 0.00	58.26 -4.22 0.00	46.01 -3.20 0.00	42.65 -1.90 0.00	44.20 -0.20 0.00
LOCUSVLY_69_KV_BK2 55797	37.64 1.32 0.00	34.70 1.25 0.00	41.72 1.23 0.00	37.92 0.95 0.00	35.52 0.55 0.00	40.43 0.30 0.00	58.60 0.52 0.00	76.37 1.42 0.00	87.93 1.67 5.35	45.56 1.09 0.00	47.55 1.03 0.00	44.62 1.25 0.00	45.47 1.16 0.00	44.98 1.25 0.00	43.24 1.62 0.00	43.08 1.50 -0.14	49.84 1.54 -0.64	62.50 2.13 -2.97	115.73 3.14 -4.79	102.41 2.83 -3.98	66.79 1.84 -2.46	52.64 1.62 -1.81	47.44 1.55 -1.35	53.02 1.70 -6.92
LONG_LAKE_PHOENIX 24014	35.64 -0.67 0.00	32.79 -0.66 0.00	39.73 -0.77 0.00	36.27 -0.69 0.00	34.32 -0.65 0.00	39.39 -0.74 0.00	57.03 -1.05 0.00	73.62 -1.33 0.00	90.00 -1.60 0.00	43.69 -0.78 0.00	45.65 -0.87 0.00	42.47 -0.90 0.00	43.46 -0.86 0.00	42.86 -0.86 0.00	40.77 -0.84 0.00	40.60 -0.85 0.00	46.72 -0.94 0.00	56.30 -1.09 0.00	105.89 -1.90 0.00	93.73 -1.88 0.00	61.18 -1.31 0.00	48.20 -1.01 0.00	43.66 -0.88 0.00	43.60 -0.80 0.00
LOVETT___3 23632	37.31 0.99 0.00	34.37 0.91 0.00	41.48 0.98 0.00	37.80 0.84 0.00	35.71 0.74 0.00	40.80 0.67 0.00	59.13 1.05 0.00	76.82 1.87 0.00	93.87 2.26 0.00	45.57 1.10 0.00	47.62 1.10 0.00	44.62 1.24 0.00	45.47 1.15 0.00	44.99 1.26 0.00	43.06 1.44 0.00	42.86 1.41 0.00	49.19 1.53 0.00	59.32 1.93 0.00	111.34 3.54 0.00	98.62 3.01 0.00	64.33 1.85 0.00	50.72 1.51 0.00	45.90 1.35 0.00	45.58 1.18 0.00
LOVETT___4 23642	37.31 0.99 0.00	34.37 0.91 0.00	41.48 0.98 0.00	37.80 0.84 0.00	35.71 0.74 0.00	40.80 0.67 0.00	59.13 1.05 0.00	76.82 1.87 0.00	93.87 2.26 0.00	45.57 1.10 0.00	47.62 1.10 0.00	44.62 1.24 0.00	45.47 1.15 0.00	44.99 1.26 0.00	43.06 1.44 0.00	42.86 1.41 0.00	49.19 1.53 0.00	59.32 1.93 0.00	111.34 3.54 0.00	98.62 3.01 0.00	64.33 1.85 0.00	50.72 1.51 0.00	45.90 1.35 0.00	45.58 1.18 0.00
LOVETT___5 23593	37.31 0.99 0.00	34.37 0.91 0.00	41.48 0.98 0.00	37.80 0.84 0.00	35.71 0.74 0.00	40.80 0.67 0.00	59.13 1.05 0.00	76.82 1.87 0.00	93.87 2.26 0.00	45.57 1.10 0.00	47.62 1.10 0.00	44.62 1.24 0.00	45.47 1.15 0.00	44.99 1.26 0.00	43.06 1.44 0.00	42.86 1.41 0.00	49.19 1.53 0.00	59.32 1.93 0.00	111.34 3.54 0.00	98.62 3.01 0.00	64.33 1.85 0.00	50.72 1.51 0.00	45.90 1.35 0.00	45.58 1.18 0.00
LOWER RAQUET___HYD 24057	37.66 1.35 0.00	34.68 1.22 0.00	42.03 1.54 0.00	38.43 1.47 0.00	36.34 1.37 0.00	41.69 1.56 0.00	60.45 2.37 0.00	77.87 2.92 0.00	94.63 3.02 0.00	45.76 1.30 0.00	47.70 1.18 0.00	44.32 0.94 0.00	45.22 0.90 0.00	44.60 0.88 0.00	42.36 0.74 0.00	42.24 0.80 0.00	48.74 1.08 0.00	58.80 1.41 0.00	110.39 2.60 0.00	98.31 2.70 0.00	64.80 2.32 0.00	51.29 2.08 0.00	46.26 1.72 0.00	46.04 1.64 0.00
LOWER___HUDSON 24059	36.76 0.45 0.00	33.93 0.47 0.00	40.99 0.49 0.00	37.35 0.39 0.00	35.36 0.40 0.00	40.51 0.39 0.00	58.66 0.58 0.00	75.94 0.99 0.00	92.90 1.29 0.00	44.66 0.20 0.00	46.60 0.08 0.00	43.49 0.11 0.00	44.60 0.28 0.00	44.02 0.29 0.00	41.93 0.31 0.00	41.80 0.35 0.00	48.29 0.63 0.00	58.41 1.02 0.00	109.73 1.94 0.00	97.55 1.94 0.00	63.84 1.36 0.00	50.22 1.00 0.00	45.40 0.86 0.00	45.03 0.63 0.00
LOWVILLE_115KV_TB2 356335	37.77 1.45 0.00	34.80 1.34 0.00	42.30 1.80 0.00	38.75 1.79 0.00	36.70 1.73 0.00	42.23 2.10 0.00	61.66 3.58 0.00	79.61 4.66 0.00	96.83 5.22 0.00	46.52 2.05 0.00	47.68 1.16 0.00	44.05 0.67 0.00	44.54 0.22 0.00	44.02 0.29 0.00	41.79 0.17 0.00	41.83 0.39 0.00	48.36 0.70 0.00	59.44 2.04 0.00	112.88 5.09 0.00	99.84 4.23 0.00	65.41 2.93 0.00	51.67 2.46 0.00	46.57 2.02 0.00	46.34 1.94 0.00
LUTHERFT_115KV_GLOB_FND_222 355753	37.36 1.04 0.00	34.46 1.01 0.00	41.69 1.19 0.00	37.99 1.03 0.00	35.95 0.99 0.00	41.23 1.10 0.00	59.83 1.75 0.00	77.41 2.46 0.00	94.32 2.71 0.00	45.05 0.58 0.00	46.94 0.42 0.00	42.92 0.30 0.76	44.98 0.66 0.00	44.39 0.66 0.00	42.29 0.67 0.00	42.25 0.81 0.00	49.00 1.34 0.00	59.37 1.98 0.00	111.66 3.87 0.00	99.25 3.64 0.00	64.90 2.41 0.00	51.01 1.80 0.00	46.09 1.54 0.00	45.71 1.31 0.00

LUTHERNY_35_KV_BK2 355980	37.38 1.06 0.00	34.47 1.02 0.00	41.74 1.24 0.00	38.00 1.04 0.00	35.98 1.01 0.00	41.26 1.13 0.00	59.88 1.80 0.00	77.42 2.47 0.00	94.42 2.81 0.00	45.06 0.59 0.00	46.96 0.44 0.00	42.92 0.30 0.76	44.98 0.66 0.00	44.38 0.66 0.00	42.30 0.68 0.00	42.25 0.81 0.00	49.02 1.37 0.00	59.42 2.02 0.00	111.70 3.91 0.00	99.32 3.71 0.00	64.95 2.46 0.00	51.02 1.80 0.00	46.09 1.55 0.00	45.72 1.31 0.00
LWR___OSWEGATCHIE_HYD 23850	37.72 1.41 0.00	34.75 1.29 0.00	42.20 1.70 0.00	38.63 1.67 0.00	36.56 1.59 0.00	41.98 1.86 0.00	61.07 2.99 0.00	78.77 3.82 0.00	95.73 4.12 0.00	46.16 1.69 0.00	47.63 1.11 0.00	44.11 0.73 0.00	44.79 0.47 0.00	44.22 0.50 0.00	41.99 0.37 0.00	41.96 0.51 0.00	48.42 0.76 0.00	59.00 1.61 0.00	111.54 3.75 0.00	98.97 3.36 0.00	65.04 2.56 0.00	51.52 2.31 0.00	46.44 1.90 0.00	46.22 1.81 0.00
LYONS_FALL_HYD 23570	37.57 1.26 0.00	34.61 1.15 0.00	42.00 1.51 0.00	38.46 1.50 0.00	36.39 1.42 0.00	41.86 1.73 0.00	61.03 2.95 0.00	78.76 3.81 0.00	95.95 4.34 0.00	46.23 1.76 0.00	47.76 1.24 0.00	44.17 0.79 0.00	44.66 0.34 0.00	44.10 0.38 0.00	41.94 0.31 0.00	41.94 0.49 0.00	48.46 0.80 0.00	59.19 1.80 0.00	112.10 4.31 0.00	99.22 3.61 0.00	64.94 2.46 0.00	51.24 2.03 0.00	46.22 1.68 0.00	45.99 1.59 0.00
MADISON___COUNTY_LFGE 323628	37.37 1.05 0.00	34.38 0.92 0.00	41.69 1.19 0.00	38.11 1.15 0.00	36.03 1.07 0.00	41.44 1.31 0.00	60.28 2.20 0.00	77.83 2.88 0.00	94.99 3.38 0.00	45.90 1.44 0.00	47.84 1.32 0.00	44.26 0.89 0.00	44.86 0.54 0.00	44.23 0.51 0.00	42.12 0.50 0.00	42.12 0.68 0.00	48.61 0.95 0.00	58.91 1.51 0.00	111.35 3.56 0.00	98.54 2.94 0.00	64.41 1.93 0.00	50.73 1.52 0.00	45.86 1.32 0.00	45.65 1.25 0.00
MALONE___115KV_TB1 356076	37.41 1.09 0.00	34.47 1.01 0.00	41.75 1.25 0.00	38.14 1.18 0.00	36.06 1.09 0.00	41.53 1.40 0.00	60.39 2.31 0.00	77.97 3.02 0.00	95.18 3.57 0.00	45.93 1.47 0.00	47.92 1.40 0.00	44.49 1.12 0.00	45.47 1.15 0.00	44.87 1.14 0.00	42.60 0.98 0.00	42.46 1.01 0.00	48.93 1.27 0.00	58.96 1.57 0.00	111.20 3.41 0.00	98.93 3.32 0.00	64.79 2.30 0.00	51.08 1.86 0.00	46.06 1.52 0.00	45.73 1.33 0.00
MAPLEWOD_115KV_TB3 80458	36.64 0.33 0.00	33.82 0.36 0.00	40.82 0.32 0.00	37.23 0.27 0.00	35.27 0.30 0.00	40.36 0.24 0.00	58.37 0.29 0.00	75.56 0.61 0.00	92.42 0.81 0.00	44.54 0.07 0.00	46.46 -0.06 0.00	43.38 0.01 0.00	44.51 0.20 0.00	43.92 0.20 0.00	41.85 0.23 0.00	41.66 0.21 0.00	48.12 0.46 0.00	58.16 0.77 0.00	109.21 1.42 0.00	97.03 1.42 0.00	63.51 1.03 0.00	49.99 0.78 0.00	45.17 0.63 0.00	44.84 0.44 0.00
MAPLE_RIDGE_WT_1 323574	36.13 -0.18 0.00	33.30 -0.15 0.00	40.35 -0.15 0.00	36.92 -0.04 0.00	34.96 -0.01 0.00	40.20 0.07 0.00	58.29 0.20 0.00	75.20 0.25 0.00	91.85 0.24 0.00	44.56 0.09 0.00	46.60 0.08 0.00	43.44 0.06 0.00	44.31 0.00 0.00	43.68 -0.04 0.00	41.61 -0.01 0.00	41.50 0.05 0.00	47.75 0.09 0.00	57.49 0.10 0.00	107.98 0.18 0.00	95.71 0.10 0.00	62.67 0.19 0.00	49.36 0.15 0.00	44.62 0.08 0.00	44.50 0.10 0.00
MAPLE_RIDGE_WT_2 323611	36.13 -0.18 0.00	33.30 -0.15 0.00	40.35 -0.15 0.00	36.92 -0.04 0.00	34.96 -0.01 0.00	40.20 0.07 0.00	58.29 0.20 0.00	75.20 0.25 0.00	91.85 0.24 0.00	44.56 0.09 0.00	46.60 0.08 0.00	43.44 0.06 0.00	44.31 0.00 0.00	43.68 -0.04 0.00	41.61 -0.01 0.00	41.50 0.05 0.00	47.75 0.09 0.00	57.49 0.10 0.00	107.98 0.18 0.00	95.71 0.10 0.00	62.67 0.19 0.00	49.36 0.15 0.00	44.62 0.08 0.00	44.50 0.10 0.00
MARBLE_RIVER_WT_PWR 323696	37.09 0.78 0.00	34.20 0.74 0.00	41.47 0.98 0.00	37.86 0.89 0.00	35.81 0.84 0.00	41.21 1.09 0.00	59.78 1.69 0.00	77.26 2.31 0.00	94.15 2.54 0.00	45.49 1.02 0.00	47.54 1.02 0.00	44.12 0.74 0.00	45.11 0.79 0.00	44.63 0.90 0.00	42.36 0.74 0.00	42.38 0.94 0.00	48.69 1.03 0.00	58.51 1.12 0.00	110.02 2.23 0.00	97.80 2.19 0.00	63.85 1.37 0.00	50.48 1.26 0.00	45.52 0.98 0.00	45.09 0.68 0.00
MARSHVLE_115KV_TB1 80742	37.06 0.75 0.00	34.09 0.64 0.00	41.30 0.81 0.00	37.76 0.80 0.00	35.77 0.80 0.00	41.13 1.01 0.00	60.06 1.98 0.00	77.34 2.39 0.00	93.26 1.66 0.00	44.52 0.05 0.00	46.77 0.26 0.00	40.39 0.27 3.26	44.30 -0.01 0.00	43.79 0.07 0.00	41.51 -0.11 0.00	41.22 -0.22 0.00	47.72 0.06 0.00	58.14 0.75 0.00	109.82 2.03 0.00	97.43 1.82 0.00	63.59 1.11 0.00	50.12 0.90 0.00	45.34 0.80 0.00	45.21 0.81 0.00
MARSH_HILL_WT_PWR 323713	35.59 -0.72 0.00	32.78 -0.68 0.00	40.08 -0.42 0.00	36.87 -0.09 0.00	35.07 0.11 0.00	40.68 0.55 0.00	58.82 0.74 0.00	75.64 0.69 0.00	92.33 0.72 0.00	45.43 0.96 0.00	48.18 1.66 0.00	46.90 1.17 -2.35	45.60 1.28 0.00	45.02 1.29 0.00	42.78 1.16 0.00	42.38 0.94 0.00	48.25 0.59 0.00	57.77 0.37 0.00	108.28 0.49 0.00	95.04 -0.56 0.00	61.87 -0.61 0.00	48.70 -0.51 0.00	44.54 -0.01 0.00	45.12 0.72 0.00
MCINTYRE_115KV_TB2 80467	38.18 1.86 0.00	35.15 1.70 0.00	42.58 2.08 0.00	38.92 1.96 0.00	36.80 1.83 0.00	42.36 2.23 0.00	61.73 3.65 0.00	79.41 4.45 0.00	95.99 4.38 0.00	45.90 1.43 0.00	47.83 1.31 0.00	44.47 1.09 0.00	45.42 1.10 0.00	44.80 1.07 0.00	42.54 0.92 0.00	42.40 0.96 0.00	49.07 1.42 0.00	59.41 2.02 0.00	112.56 4.77 0.00	100.24 4.63 0.00	65.77 3.28 0.00	51.85 2.64 0.00	46.77 2.23 0.00	46.56 2.15 0.00
MECO_____69_KV_BK1 80468	37.74 1.42 0.00	34.73 1.27 0.00	42.03 1.53 0.00	38.40 1.44 0.00	36.39 1.43 0.00	41.86 1.73 0.00	61.20 3.12 0.00	79.02 4.07 0.00	94.82 3.21 0.00	44.56 0.09 0.00	46.51 -0.01 0.00	40.82 -0.08 2.47	44.31 0.00 0.00	43.66 -0.06 0.00	41.49 -0.13 0.00	41.47 0.02 0.00	48.19 0.53 0.00	59.44 2.05 0.00	112.57 4.77 0.00	99.99 4.39 0.00	65.24 2.76 0.00	51.32 2.11 0.00	46.35 1.81 0.00	46.12 1.72 0.00
MENANDS___115KV_TB5 355628	36.41 0.09 0.00	33.63 0.17 0.00	40.56 0.07 0.00	37.00 0.05 0.00	35.06 0.09 0.00	40.11 -0.02 0.00	57.94 -0.14 0.00	75.00 0.05 0.00	91.83 0.22 0.00	44.31 -0.15 0.00	46.25 -0.27 0.00	43.20 -0.18 0.00	44.31 -0.01 0.00	43.72 0.00 0.00	41.67 0.05 0.00	41.47 0.03 0.00	47.85 0.20 0.00	57.80 0.41 0.00	108.49 0.70 0.00	96.35 0.75 0.00	63.10 0.62 0.00	49.67 0.45 0.00	44.89 0.35 0.00	44.56 0.15 0.00
MG INDUSTRY___DRP 24185	36.64 0.33 0.00	33.82 0.36 0.00	40.82 0.32 0.00	37.27 0.31 0.00	35.30 0.33 0.00	40.42 0.29 0.00	58.39 0.31 0.00	75.43 0.48 0.00	92.03 0.42 0.00	44.27 -0.19 0.00	46.18 -0.34 0.00	43.15 -0.23 0.00	44.32 0.00 0.00	43.66 -0.06 0.00	41.57 -0.05 0.00	41.43 -0.02 0.00	47.95 0.29 0.00	57.97 0.58 0.00	108.86 1.07 0.00	96.66 1.06 0.00	63.29 0.81 0.00	49.81 0.59 0.00	45.04 0.50 0.00	44.77 0.36 0.00

MID___OSWEGATCHIE_HYD 23849	37.72 1.41 0.00	34.75 1.29 0.00	42.20 1.70 0.00	38.63 1.67 0.00	36.56 1.59 0.00	41.98 1.86 0.00	61.07 2.99 0.00	78.77 3.82 0.00	95.73 4.12 0.00	46.16 1.69 0.00	47.63 1.11 0.00	44.11 0.73 0.00	44.79 0.47 0.00	44.22 0.50 0.00	41.99 0.37 0.00	41.96 0.51 0.00	48.42 0.76 0.00	59.00 1.61 0.00	111.54 3.75 0.00	98.97 3.36 0.00	65.04 2.56 0.00	51.52 2.31 0.00	46.44 1.90 0.00	46.22 1.81 0.00
MID___RAQUETTE_HYD 23851	37.66 1.35 0.00	34.68 1.22 0.00	42.03 1.54 0.00	38.43 1.47 0.00	36.34 1.37 0.00	41.69 1.56 0.00	60.45 2.37 0.00	77.87 2.92 0.00	94.63 3.02 0.00	45.76 1.30 0.00	47.70 1.18 0.00	44.32 0.94 0.00	45.22 0.90 0.00	44.60 0.88 0.00	42.36 0.74 0.00	42.24 0.80 0.00	48.74 1.08 0.00	58.80 1.41 0.00	110.39 2.60 0.00	98.31 2.70 0.00	64.80 2.32 0.00	51.29 2.08 0.00	46.26 1.72 0.00	46.04 1.64 0.00
MILLIKEN___1 23584	36.83 0.52 0.00	33.85 0.39 0.00	41.09 0.59 0.00	37.50 0.54 0.00	35.49 0.52 0.00	40.78 0.65 0.00	59.04 0.96 0.00	76.19 1.24 0.00	92.85 1.24 0.00	45.11 0.64 0.00	47.14 0.62 0.00	47.11 0.33 -3.40	44.64 0.33 0.00	43.99 0.27 0.00	42.03 0.41 0.00	41.69 0.24 0.00	48.06 0.40 0.00	58.26 0.86 0.00	109.62 1.83 0.00	96.91 1.30 0.00	63.25 0.76 0.00	49.85 0.64 0.00	45.18 0.64 0.00	45.12 0.72 0.00
MILLIKEN___2 23585	36.83 0.52 0.00	33.85 0.39 0.00	41.09 0.59 0.00	37.50 0.54 0.00	35.49 0.52 0.00	40.78 0.65 0.00	59.04 0.96 0.00	76.19 1.24 0.00	92.85 1.24 0.00	45.11 0.64 0.00	47.14 0.62 0.00	47.11 0.33 -3.40	44.64 0.33 0.00	43.99 0.27 0.00	42.03 0.41 0.00	41.69 0.24 0.00	48.06 0.40 0.00	58.26 0.86 0.00	109.62 1.83 0.00	96.91 1.30 0.00	63.25 0.76 0.00	49.85 0.64 0.00	45.18 0.64 0.00	45.12 0.72 0.00
MILLIKEN___DIESEL 23629	36.83 0.52 0.00	33.85 0.39 0.00	41.09 0.59 0.00	37.50 0.54 0.00	35.49 0.52 0.00	40.78 0.65 0.00	59.04 0.96 0.00	76.19 1.24 0.00	92.85 1.24 0.00	45.11 0.64 0.00	47.14 0.62 0.00	47.11 0.33 -3.40	44.64 0.33 0.00	43.99 0.27 0.00	42.03 0.41 0.00	41.69 0.24 0.00	48.06 0.40 0.00	58.26 0.86 0.00	109.62 1.83 0.00	96.91 1.30 0.00	63.25 0.76 0.00	49.85 0.64 0.00	45.18 0.64 0.00	45.12 0.72 0.00
MILLSEAT___LFGE 323607	37.26 0.95 0.00	34.15 0.69 0.00	41.41 0.91 0.00	37.81 0.85 0.00	35.76 0.79 0.00	41.20 1.07 0.00	59.43 1.35 0.00	75.76 0.82 0.00	92.58 0.96 0.00	45.94 1.48 0.00	48.83 2.31 0.00	47.18 1.52 -2.29	46.08 1.76 0.00	45.40 1.67 0.00	43.14 1.52 0.00	42.69 1.25 0.00	48.24 0.58 0.00	56.74 -0.66 0.00	105.54 -2.26 0.00	92.27 -3.33 0.00	59.98 -2.51 0.00	47.30 -1.91 0.00	43.64 -0.90 0.00	44.94 0.54 0.00
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	37.35 1.04 0.00	34.41 0.96 0.00	41.51 1.01 0.00	37.83 0.87 0.00	35.73 0.76 0.00	40.82 0.69 0.00	59.10 1.01 0.00	76.80 1.86 0.00	93.89 2.28 0.00	45.61 1.14 0.00	47.63 1.11 0.00	44.63 1.25 0.00	45.49 1.17 0.00	45.00 1.27 0.00	43.08 1.46 0.00	42.89 1.44 0.00	49.22 1.56 0.00	59.34 1.95 0.00	111.30 3.50 0.00	98.61 3.00 0.00	64.38 1.89 0.00	50.76 1.55 0.00	45.93 1.39 0.00	45.62 1.22 0.00
MILLWOOD_13_KV_LOAD 356217	37.43 1.12 0.00	34.49 1.03 0.00	41.59 1.10 0.00	37.90 0.94 0.00	35.81 0.84 0.00	40.92 0.79 0.00	59.27 1.19 0.00	77.02 2.08 0.00	94.13 2.52 0.00	45.73 1.26 0.00	47.74 1.22 0.00	44.72 1.34 0.00	45.58 1.26 0.00	45.08 1.36 0.00	43.17 1.55 0.00	42.98 1.53 0.00	49.34 1.67 0.00	59.48 2.09 0.00	111.62 3.83 0.00	98.88 3.27 0.00	64.53 2.05 0.00	50.87 1.66 0.00	46.05 1.51 0.00	45.73 1.33 0.00
MODEL_CITY_ENERGY 24167	36.47 0.15 0.00	33.42 -0.04 0.00	40.55 0.05 0.00	37.01 0.05 0.00	34.99 0.03 0.00	40.23 0.10 0.00	57.70 -0.38 0.00	73.17 -1.78 0.00	89.48 -2.13 0.00	44.62 0.16 0.00	47.57 1.05 0.00	45.87 0.40 -2.09	45.15 0.83 0.00	44.42 0.69 0.00	42.15 0.54 0.00	41.72 0.27 0.00	46.97 -0.69 0.00	54.77 -2.62 0.00	101.47 -6.32 0.00	88.54 -7.06 0.00	57.55 -4.93 0.00	45.48 -3.73 0.00	42.23 -2.31 0.00	43.84 -0.56 0.00
MODERN_LFGE___ 323580	36.47 0.15 0.00	33.42 -0.04 0.00	40.55 0.05 0.00	37.01 0.05 0.00	34.99 0.03 0.00	40.23 0.10 0.00	57.70 -0.38 0.00	73.17 -1.78 0.00	89.48 -2.13 0.00	44.62 0.16 0.00	47.57 1.05 0.00	45.87 0.40 -2.09	45.15 0.83 0.00	44.42 0.69 0.00	42.15 0.54 0.00	41.72 0.27 0.00	46.97 -0.69 0.00	54.77 -2.62 0.00	101.47 -6.32 0.00	88.54 -7.06 0.00	57.55 -4.93 0.00	45.48 -3.73 0.00	42.23 -2.31 0.00	43.84 -0.56 0.00
MOHAWK_PAPER___DRP 24187	36.64 0.33 0.00	33.82 0.36 0.00	40.82 0.32 0.00	37.23 0.27 0.00	35.27 0.30 0.00	40.36 0.24 0.00	58.37 0.29 0.00	75.56 0.61 0.00	92.42 0.81 0.00	44.54 0.07 0.00	46.46 -0.06 0.00	43.38 0.01 0.00	44.51 0.20 0.00	43.92 0.20 0.00	41.85 0.23 0.00	41.66 0.21 0.00	48.12 0.46 0.00	58.16 0.77 0.00	109.21 1.42 0.00	97.03 1.42 0.00	63.51 1.03 0.00	49.99 0.78 0.00	45.17 0.63 0.00	44.84 0.44 0.00
MOHICAN___35_KV_115KV_LD 80490	37.59 1.28 0.00	34.69 1.23 0.00	41.96 1.46 0.00	38.21 1.25 0.00	36.16 1.20 0.00	41.50 1.38 0.00	60.41 2.32 0.00	78.38 3.43 0.00	95.14 3.53 0.00	44.97 0.50 0.00	46.66 0.14 0.00	42.57 -0.04 0.76	44.85 0.53 0.00	44.23 0.51 0.00	42.15 0.53 0.00	42.23 0.79 0.00	49.20 1.55 0.00	59.79 2.40 0.00	112.78 4.99 0.00	100.41 4.80 0.00	65.63 3.15 0.00	51.52 2.31 0.00	46.49 1.95 0.00	45.94 1.54 0.00
MONGAUP___HYD 23641	37.82 1.50 0.00	34.80 1.34 0.00	42.04 1.54 0.00	38.32 1.36 0.00	36.22 1.25 0.00	41.47 1.34 0.00	60.25 2.17 0.00	78.20 3.25 0.00	95.31 3.70 0.00	45.73 1.26 0.00	47.52 1.00 0.00	44.47 1.09 0.00	45.26 0.94 0.00	44.74 1.01 0.00	42.77 1.15 0.00	42.57 1.12 0.00	48.96 1.30 0.00	59.61 2.21 0.00	112.78 4.99 0.00	100.06 4.45 0.00	65.30 2.81 0.00	51.44 2.23 0.00	46.52 1.98 0.00	46.20 1.79 0.00
MONTAUK___DIESEL 23721	35.75 -0.57 0.00	32.98 -0.47 0.00	39.56 -0.94 0.00	35.96 -1.00 0.00	33.54 -1.43 0.00	38.06 -2.06 0.00	47.31 -2.90 7.87	63.10 -2.86 8.99	40.97 -3.80 46.85	22.76 -1.58 20.13	42.85 -2.06 1.61	37.90 -1.01 4.47	40.43 -0.92 2.97	34.90 -0.84 7.98	28.61 -0.16 12.85	39.22 0.32 2.55	44.61 1.28 4.33	38.64 2.96 21.72	76.65 4.42 35.57	69.44 3.84 30.00	45.85 2.58 19.22	37.28 2.51 14.44	38.20 2.57 8.91	51.80 2.97 -4.43
MOONROAD_115KV_HARTFLD_TB1-2 355988	37.71 1.40 0.00	34.55 1.09 0.00	42.04 1.54 0.00	38.30 1.34 0.00	36.13 1.17 0.00	41.69 1.57 0.00	60.19 2.11 0.00	77.04 2.09 0.00	94.13 2.52 0.00	46.37 1.91 0.00	49.47 2.95 0.00	47.96 2.53 -2.05	47.11 2.79 0.00	46.27 2.55 0.00	43.94 2.32 0.00	43.57 2.13 0.00	49.07 1.41 0.00	57.84 0.45 0.00	108.21 0.42 0.00	94.56 -1.04 0.00	61.39 -1.10 0.00	48.18 -1.04 0.00	44.11 -0.43 0.00	44.21 -0.19 0.00

MORRIS_RIDGE___SOLAR 323848	36.24 -0.08 0.00	33.27 -0.19 0.00	40.59 0.09 0.00	37.19 0.23 0.00	35.24 0.27 0.00	40.70 0.57 0.00	58.61 0.52 0.00	75.07 0.12 0.00	91.55 -0.06 0.00	45.11 0.65 0.00	47.82 1.30 0.00	46.37 0.77 -2.23	45.20 0.88 0.00	44.63 0.91 0.00	42.44 0.82 0.00	42.03 0.59 0.00	47.69 0.03 0.00	56.86 -0.53 0.00	106.48 -1.32 0.00	93.37 -2.24 0.00	60.76 -1.72 0.00	47.84 -1.37 0.00	43.88 -0.66 0.00	44.67 0.27 0.00
MORTIMER_115KV_TB3 55949	36.66 0.35 0.00	33.66 0.21 0.00	40.78 0.28 0.00	37.21 0.25 0.00	35.20 0.23 0.00	40.57 0.44 0.00	58.75 0.67 0.00	75.35 0.40 0.00	92.04 0.43 0.00	45.22 0.75 0.00	47.73 1.21 0.00	47.00 0.83 -2.79	45.38 1.06 0.00	44.69 0.96 0.00	42.48 0.85 0.00	42.10 0.66 0.00	48.01 0.35 0.00	57.14 -0.26 0.00	106.82 -0.97 0.00	93.88 -1.73 0.00	61.12 -1.36 0.00	48.14 -1.07 0.00	43.94 -0.60 0.00	44.53 0.13 0.00
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	37.55 1.24 0.00	34.60 1.15 0.00	41.67 1.18 0.00	38.01 1.05 0.00	35.91 0.94 0.00	41.01 0.88 0.00	59.24 1.16 0.00	77.11 2.16 0.00	94.28 2.67 0.00	45.93 1.46 0.00	47.95 1.43 0.00	44.96 1.58 0.00	45.82 1.50 0.00	45.33 1.60 0.00	43.45 1.83 0.00	43.27 1.82 0.00	49.61 1.95 0.00	59.69 2.30 0.00	111.82 4.03 0.00	99.02 3.41 0.00	64.64 2.16 0.00	51.00 1.79 0.00	46.17 1.63 0.00	45.84 1.44 0.00
MUNSVILLE_WIND_PWR 323609	38.14 1.83 0.00	35.14 1.68 0.00	42.85 2.36 0.00	39.14 2.18 0.00	37.16 2.19 0.00	42.87 2.75 0.00	62.62 4.54 0.00	80.89 5.94 0.00	98.35 6.74 0.00	47.78 3.32 0.00	49.83 3.31 0.00	64.89 2.82 -18.69	46.15 1.83 0.00	45.50 1.78 0.00	43.36 1.75 0.00	43.04 1.60 0.00	49.81 2.15 0.00	60.90 3.50 0.00	115.21 7.42 0.00	101.77 6.16 0.00	66.54 4.05 0.00	52.52 3.30 0.00	47.61 3.07 0.00	47.44 3.04 0.00
N SALMON___HYD 24042	37.41 1.09 0.00	34.47 1.01 0.00	41.75 1.25 0.00	38.14 1.18 0.00	36.06 1.10 0.00	41.53 1.40 0.00	60.39 2.31 0.00	77.97 3.02 0.00	95.18 3.57 0.00	45.94 1.47 0.00	47.92 1.40 0.00	44.50 1.12 0.00	45.47 1.15 0.00	44.87 1.14 0.00	42.60 0.98 0.00	42.46 1.01 0.00	48.93 1.27 0.00	58.96 1.57 0.00	111.20 3.41 0.00	98.93 3.32 0.00	64.79 2.30 0.00	51.08 1.86 0.00	46.06 1.52 0.00	45.73 1.33 0.00
N.AKRON__115KV_KNAPP 355671	37.16 0.85 0.00	34.05 0.59 0.00	41.30 0.81 0.00	37.70 0.74 0.00	35.65 0.69 0.00	41.06 0.94 0.00	59.13 1.05 0.00	75.29 0.34 0.00	92.03 0.42 0.00	45.73 1.27 0.00	48.66 2.14 0.00	47.05 1.44 -2.24	46.04 1.72 0.00	45.32 1.60 0.00	43.03 1.41 0.00	42.57 1.13 0.00	48.06 0.40 0.00	56.38 -1.01 0.00	104.74 -3.05 0.00	91.53 -4.08 0.00	59.48 -3.00 0.00	46.93 -2.29 0.00	43.39 -1.16 0.00	44.79 0.39 0.00
N.E_GEN_SANDY PD 24062	34.51 0.26 2.06	33.75 0.30 0.00	40.72 0.22 0.00	36.30 0.14 0.80	34.77 0.14 0.34	40.64 0.04 -0.47	58.06 -0.02 0.00	75.06 0.32 0.20	62.90 0.65 29.37	41.86 0.15 2.76	25.60 0.07 20.99	32.40 0.23 11.21	33.51 0.23 11.04	34.53 0.28 9.48	34.45 0.38 7.55	36.50 0.37 5.30	45.21 0.45 2.90	57.53 0.67 0.53	108.98 1.19 0.00	96.86 1.25 0.00	63.43 0.95 0.00	49.95 0.74 0.00	44.88 0.64 0.30	42.21 0.41 2.61
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	37.37 1.06 0.00	34.43 0.97 0.00	41.54 1.05 0.00	37.87 0.91 0.00	35.79 0.82 0.00	40.88 0.75 0.00	59.23 1.15 0.00	76.95 2.00 0.00	94.03 2.42 0.00	45.61 1.15 0.00	47.68 1.16 0.00	44.67 1.29 0.00	45.52 1.20 0.00	45.04 1.31 0.00	43.12 1.50 0.00	42.90 1.46 0.00	49.27 1.61 0.00	59.44 2.05 0.00	111.56 3.77 0.00	98.89 3.28 0.00	64.50 2.02 0.00	50.85 1.64 0.00	46.00 1.46 0.00	45.68 1.27 0.00
N.QUEENS_27_KV_LOAD 356247	37.18 0.87 0.00	34.29 0.84 0.00	41.22 0.72 0.00	37.82 0.87 0.01	35.82 0.86 0.01	40.86 0.74 0.00	59.10 1.02 0.00	77.02 2.07 0.00	94.18 2.57 0.00	45.92 1.45 0.00	47.83 1.31 0.00	44.83 1.45 0.00	45.70 1.38 0.00	45.20 1.48 0.00	43.37 1.75 0.00	43.16 1.72 0.00	49.43 1.77 0.00	59.48 2.09 0.00	111.52 3.73 0.00	98.85 3.24 0.00	64.51 2.03 0.00	50.77 1.55 0.00	46.05 1.50 0.00	45.68 1.28 0.00
N.TROY___115KV_TB1 355778	36.76 0.45 0.00	33.93 0.47 0.00	40.99 0.49 0.00	37.35 0.39 0.00	35.36 0.40 0.00	40.51 0.39 0.00	58.65 0.57 0.00	75.94 0.99 0.00	92.90 1.29 0.00	44.66 0.19 0.00	46.60 0.08 0.00	43.48 0.10 0.00	44.59 0.27 0.00	44.01 0.29 0.00	41.93 0.31 0.00	41.80 0.35 0.00	48.29 0.63 0.00	58.41 1.01 0.00	109.73 1.94 0.00	97.54 1.93 0.00	63.84 1.36 0.00	50.22 1.01 0.00	45.40 0.86 0.00	45.03 0.63 0.00
NARROWS_GT1_1 24228	37.56 1.25 0.00	34.61 1.16 0.00	41.63 1.13 0.00	38.05 1.09 0.00	35.98 1.02 0.00	41.05 0.92 0.00	59.20 1.12 0.00	77.23 2.28 0.00	94.44 2.83 0.00	46.07 1.61 0.00	48.05 1.53 0.00	45.08 1.70 0.00	45.90 1.58 0.00	45.44 1.72 0.00	43.64 2.02 0.00	43.44 2.00 0.00	49.72 2.06 0.00	59.75 2.35 0.00	111.84 4.04 0.00	99.03 3.42 0.00	64.74 2.26 0.00	51.13 1.92 0.00	46.30 1.76 0.00	45.94 1.54 0.00
NARROWS_GT1_2 24229	37.56 1.25 0.00	34.61 1.16 0.00	41.63 1.13 0.00	38.05 1.09 0.00	35.98 1.02 0.00	41.05 0.92 0.00	59.20 1.12 0.00	77.23 2.28 0.00	94.44 2.83 0.00	46.07 1.61 0.00	48.05 1.53 0.00	45.08 1.70 0.00	45.90 1.58 0.00	45.44 1.72 0.00	43.64 2.02 0.00	43.44 2.00 0.00	49.72 2.06 0.00	59.75 2.35 0.00	111.84 4.04 0.00	99.03 3.42 0.00	64.74 2.26 0.00	51.13 1.92 0.00	46.30 1.76 0.00	45.94 1.54 0.00
NARROWS_GT1_3 24230	37.56 1.25 0.00	34.61 1.16 0.00	41.63 1.13 0.00	38.05 1.09 0.00	35.98 1.02 0.00	41.05 0.92 0.00	59.20 1.12 0.00	77.23 2.28 0.00	94.44 2.83 0.00	46.07 1.61 0.00	48.05 1.53 0.00	45.08 1.70 0.00	45.90 1.58 0.00	45.44 1.72 0.00	43.64 2.02 0.00	43.44 2.00 0.00	49.72 2.06 0.00	59.75 2.35 0.00	111.84 4.04 0.00	99.03 3.42 0.00	64.74 2.26 0.00	51.13 1.92 0.00	46.30 1.76 0.00	45.94 1.54 0.00
NARROWS_GT1_4 24231	37.56 1.25 0.00	34.61 1.16 0.00	41.63 1.13 0.00	38.05 1.09 0.00	35.98 1.02 0.00	41.05 0.92 0.00	59.20 1.12 0.00	77.23 2.28 0.00	94.44 2.83 0.00	46.07 1.61 0.00	48.05 1.53 0.00	45.08 1.70 0.00	45.90 1.58 0.00	45.44 1.72 0.00	43.64 2.02 0.00	43.44 2.00 0.00	49.72 2.06 0.00	59.75 2.35 0.00	111.84 4.04 0.00	99.03 3.42 0.00	64.74 2.26 0.00	51.13 1.92 0.00	46.30 1.76 0.00	45.94 1.54 0.00
NARROWS_GT1_5 24232	37.56 1.25 0.00	34.61 1.16 0.00	41.63 1.13 0.00	38.05 1.09 0.00	35.98 1.02 0.00	41.05 0.92 0.00	59.20 1.12 0.00	77.23 2.28 0.00	94.44 2.83 0.00	46.07 1.61 0.00	48.05 1.53 0.00	45.08 1.70 0.00	45.90 1.58 0.00	45.44 1.72 0.00	43.64 2.02 0.00	43.44 2.00 0.00	49.72 2.06 0.00	59.75 2.35 0.00	111.84 4.04 0.00	99.03 3.42 0.00	64.74 2.26 0.00	51.13 1.92 0.00	46.30 1.76 0.00	45.94 1.54 0.00

NARROWS_GT1_6 24233	37.56 1.25 0.00	34.61 1.16 0.00	41.63 1.13 0.00	38.05 1.09 0.00	35.98 1.02 0.00	41.05 0.92 0.00	59.20 1.12 0.00	77.23 2.28 0.00	94.44 2.83 0.00	46.07 1.61 0.00	48.05 1.53 0.00	45.08 1.70 0.00	45.90 1.58 0.00	45.44 1.72 0.00	43.64 2.02 0.00	43.44 2.00 0.00	49.72 2.06 0.00	59.75 2.35 0.00	111.84 4.04 0.00	99.03 3.42 0.00	64.74 2.26 0.00	51.13 1.92 0.00	46.30 1.76 0.00	45.94 1.54 0.00
NARROWS_GT1_7 24234	37.56 1.25 0.00	34.61 1.16 0.00	41.63 1.13 0.00	38.05 1.09 0.00	35.98 1.02 0.00	41.05 0.92 0.00	59.20 1.12 0.00	77.23 2.28 0.00	94.44 2.83 0.00	46.07 1.61 0.00	48.05 1.53 0.00	45.08 1.70 0.00	45.90 1.58 0.00	45.44 1.72 0.00	43.64 2.02 0.00	43.44 2.00 0.00	49.72 2.06 0.00	59.75 2.35 0.00	111.84 4.04 0.00	99.03 3.42 0.00	64.74 2.26 0.00	51.13 1.92 0.00	46.30 1.76 0.00	45.94 1.54 0.00
NARROWS_GT1_8 24235	37.56 1.25 0.00	34.61 1.16 0.00	41.63 1.13 0.00	38.05 1.09 0.00	35.98 1.02 0.00	41.05 0.92 0.00	59.20 1.12 0.00	77.23 2.28 0.00	94.44 2.83 0.00	46.07 1.61 0.00	48.05 1.53 0.00	45.08 1.70 0.00	45.90 1.58 0.00	45.44 1.72 0.00	43.64 2.02 0.00	43.44 2.00 0.00	49.72 2.06 0.00	59.75 2.35 0.00	111.84 4.04 0.00	99.03 3.42 0.00	64.74 2.26 0.00	51.13 1.92 0.00	46.30 1.76 0.00	45.94 1.54 0.00
NARROWS_GT2_1 24236	37.56 1.25 0.00	34.61 1.16 0.00	41.63 1.13 0.00	38.05 1.09 0.00	35.98 1.02 0.00	41.05 0.92 0.00	59.20 1.12 0.00	77.23 2.28 0.00	94.44 2.83 0.00	46.07 1.61 0.00	48.05 1.53 0.00	45.08 1.70 0.00	45.90 1.58 0.00	45.44 1.72 0.00	43.64 2.02 0.00	43.44 2.00 0.00	49.72 2.06 0.00	59.75 2.35 0.00	111.84 4.04 0.00	99.03 3.42 0.00	64.74 2.26 0.00	51.13 1.92 0.00	46.30 1.76 0.00	45.94 1.54 0.00
NARROWS_GT2_2 24237	37.56 1.25 0.00	34.61 1.16 0.00	41.63 1.13 0.00	38.05 1.09 0.00	35.98 1.02 0.00	41.05 0.92 0.00	59.20 1.12 0.00	77.23 2.28 0.00	94.44 2.83 0.00	46.07 1.61 0.00	48.05 1.53 0.00	45.08 1.70 0.00	45.90 1.58 0.00	45.44 1.72 0.00	43.64 2.02 0.00	43.44 2.00 0.00	49.72 2.06 0.00	59.75 2.35 0.00	111.84 4.04 0.00	99.03 3.42 0.00	64.74 2.26 0.00	51.13 1.92 0.00	46.30 1.76 0.00	45.94 1.54 0.00
NARROWS_GT2_3 24238	37.56 1.25 0.00	34.61 1.16 0.00	41.63 1.13 0.00	38.05 1.09 0.00	35.98 1.02 0.00	41.05 0.92 0.00	59.20 1.12 0.00	77.23 2.28 0.00	94.44 2.83 0.00	46.07 1.61 0.00	48.05 1.53 0.00	45.08 1.70 0.00	45.90 1.58 0.00	45.44 1.72 0.00	43.64 2.02 0.00	43.44 2.00 0.00	49.72 2.06 0.00	59.75 2.35 0.00	111.84 4.04 0.00	99.03 3.42 0.00	64.74 2.26 0.00	51.13 1.92 0.00	46.30 1.76 0.00	45.94 1.54 0.00
NARROWS_GT2_4 24239	37.56 1.25 0.00	34.61 1.16 0.00	41.63 1.13 0.00	38.05 1.09 0.00	35.98 1.02 0.00	41.05 0.92 0.00	59.20 1.12 0.00	77.23 2.28 0.00	94.44 2.83 0.00	46.07 1.61 0.00	48.05 1.53 0.00	45.08 1.70 0.00	45.90 1.58 0.00	45.44 1.72 0.00	43.64 2.02 0.00	43.44 2.00 0.00	49.72 2.06 0.00	59.75 2.35 0.00	111.84 4.04 0.00	99.03 3.42 0.00	64.74 2.26 0.00	51.13 1.92 0.00	46.30 1.76 0.00	45.94 1.54 0.00
NARROWS_GT2_5 24240	37.56 1.25 0.00	34.61 1.16 0.00	41.63 1.13 0.00	38.05 1.09 0.00	35.98 1.02 0.00	41.05 0.92 0.00	59.20 1.12 0.00	77.23 2.28 0.00	94.44 2.83 0.00	46.07 1.61 0.00	48.05 1.53 0.00	45.08 1.70 0.00	45.90 1.58 0.00	45.44 1.72 0.00	43.64 2.02 0.00	43.44 2.00 0.00	49.72 2.06 0.00	59.75 2.35 0.00	111.84 4.04 0.00	99.03 3.42 0.00	64.74 2.26 0.00	51.13 1.92 0.00	46.30 1.76 0.00	45.94 1.54 0.00
NARROWS_GT2_6 24241	37.56 1.25 0.00	34.61 1.16 0.00	41.63 1.13 0.00	38.05 1.09 0.00	35.98 1.02 0.00	41.05 0.92 0.00	59.20 1.12 0.00	77.23 2.28 0.00	94.44 2.83 0.00	46.07 1.61 0.00	48.05 1.53 0.00	45.08 1.70 0.00	45.90 1.58 0.00	45.44 1.72 0.00	43.64 2.02 0.00	43.44 2.00 0.00	49.72 2.06 0.00	59.75 2.35 0.00	111.84 4.04 0.00	99.03 3.42 0.00	64.74 2.26 0.00	51.13 1.92 0.00	46.30 1.76 0.00	45.94 1.54 0.00
NARROWS_GT2_7 24242	37.56 1.25 0.00	34.61 1.16 0.00	41.63 1.13 0.00	38.05 1.09 0.00	35.98 1.02 0.00	41.05 0.92 0.00	59.20 1.12 0.00	77.23 2.28 0.00	94.44 2.83 0.00	46.07 1.61 0.00	48.05 1.53 0.00	45.08 1.70 0.00	45.90 1.58 0.00	45.44 1.72 0.00	43.64 2.02 0.00	43.44 2.00 0.00	49.72 2.06 0.00	59.75 2.35 0.00	111.84 4.04 0.00	99.03 3.42 0.00	64.74 2.26 0.00	51.13 1.92 0.00	46.30 1.76 0.00	45.94 1.54 0.00
NARROWS_GT2_8 24243	37.56 1.25 0.00	34.61 1.16 0.00	41.63 1.13 0.00	38.05 1.09 0.00	35.98 1.02 0.00	41.05 0.92 0.00	59.20 1.12 0.00	77.23 2.28 0.00	94.44 2.83 0.00	46.07 1.61 0.00	48.05 1.53 0.00	45.08 1.70 0.00	45.90 1.58 0.00	45.44 1.72 0.00	43.64 2.02 0.00	43.44 2.00 0.00	49.72 2.06 0.00	59.75 2.35 0.00	111.84 4.04 0.00	99.03 3.42 0.00	64.74 2.26 0.00	51.13 1.92 0.00	46.30 1.76 0.00	45.94 1.54 0.00
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	36.97 0.66 0.00	34.12 0.66 0.00	41.14 0.65 0.00	37.56 0.61 0.00	35.67 0.70 0.00	41.49 1.37 0.00	60.29 2.21 0.00	78.18 3.23 0.00	95.12 3.51 0.00	45.11 0.64 0.00	46.69 0.17 0.00	43.50 0.13 0.00	44.68 0.36 0.00	44.02 0.29 0.00	41.90 0.28 0.00	41.83 0.38 0.00	48.12 0.46 0.00	58.51 1.12 0.00	110.67 2.88 0.00	98.36 2.76 0.00	64.38 1.90 0.00	50.59 1.37 0.00	45.67 1.13 0.00	45.30 0.90 0.00
NCHELSEA_115KV_TR2 355582	37.59 1.28 0.00	34.63 1.17 0.00	41.80 1.30 0.00	38.09 1.13 0.00	36.00 1.03 0.00	41.17 1.04 0.00	59.64 1.56 0.00	77.48 2.53 0.00	94.67 3.06 0.00	45.91 1.45 0.00	47.88 1.36 0.00	44.83 1.45 0.00	45.67 1.36 0.00	45.16 1.44 0.00	43.19 1.58 0.00	43.04 1.60 0.00	49.52 1.86 0.00	59.77 2.37 0.00	112.22 4.43 0.00	99.52 3.91 0.00	64.96 2.48 0.00	51.18 1.97 0.00	46.28 1.74 0.00	45.94 1.54 0.00
NEG CAPITAL___MECHNVIL 23645	37.38 1.06 0.00	34.47 1.02 0.00	41.68 1.19 0.00	37.99 1.03 0.00	35.97 1.01 0.00	41.24 1.11 0.00	59.85 1.77 0.00	77.47 2.52 0.00	94.43 2.82 0.00	45.11 0.64 0.00	47.02 0.50 0.00	43.07 0.41 0.72	45.10 0.78 0.00	44.48 0.76 0.00	42.38 0.76 0.00	42.32 0.87 0.00	49.07 1.41 0.00	59.45 2.06 0.00	111.80 4.01 0.00	99.36 3.76 0.00	64.98 2.49 0.00	51.06 1.85 0.00	46.12 1.59 0.00	45.74 1.34 0.00
NEG CENTRAL_HIGH_ACRES 23767	35.84 -0.47 0.00	32.92 -0.54 0.00	39.88 -0.62 0.00	36.39 -0.57 0.00	34.45 -0.51 0.00	39.67 -0.46 0.00	57.50 -0.58 0.00	73.88 -1.07 0.00	90.19 -1.42 0.00	44.20 -0.26 0.00	46.52 -0.01 0.00	42.51 -0.32 0.54	44.21 -0.11 0.00	43.54 -0.19 0.00	41.34 -0.28 0.00	41.01 -0.44 0.00	46.97 -0.69 0.00	56.08 -1.32 0.00	104.93 -2.87 0.00	92.34 -3.27 0.00	60.15 -2.33 0.00	47.36 -1.85 0.00	43.13 -1.41 0.00	43.54 -0.86 0.00

NEG CENTRAL___DRP 24199	36.51 0.19 0.00	33.52 0.07 0.00	40.70 0.20 0.00	37.17 0.21 0.00	35.19 0.23 0.00	40.47 0.34 0.00	58.50 0.42 0.00	75.39 0.44 0.00	91.86 0.25 0.00	44.83 0.37 0.00	46.93 0.41 0.00	44.33 0.19 -0.76	44.58 0.26 0.00	43.97 0.25 0.00	41.90 0.28 0.00	41.56 0.11 0.00	47.76 0.10 0.00	57.58 0.19 0.00	108.07 0.28 0.00	95.34 -0.27 0.00	62.18 -0.30 0.00	48.98 -0.24 0.00	44.46 -0.08 0.00	44.57 0.16 0.00
NEG CENTRAL___INDECK 23768	37.54 1.22 0.00	34.46 1.01 0.00	41.90 1.40 0.00	38.35 1.39 0.00	36.34 1.37 0.00	42.02 1.89 0.00	61.02 2.93 0.00	78.37 3.42 0.00	95.59 3.99 0.00	46.89 2.42 0.00	49.36 2.84 0.00	47.88 2.07 -2.43	46.67 2.36 0.00	45.94 2.22 0.00	43.65 2.03 0.00	43.28 1.84 0.00	49.21 1.56 0.00	59.31 1.91 0.00	111.22 3.43 0.00	97.96 2.36 0.00	63.76 1.28 0.00	50.12 0.90 0.00	45.73 1.19 0.00	46.22 1.82 0.00
NEG CENTRAL___SENECA 23627	36.65 0.33 0.00	33.62 0.17 0.00	40.85 0.35 0.00	37.34 0.38 0.00	35.36 0.39 0.00	40.68 0.55 0.00	58.71 0.63 0.00	75.65 0.70 0.00	92.12 0.51 0.00	45.09 0.63 0.00	47.22 0.70 0.00	44.41 0.42 -0.61	44.78 0.47 0.00	44.20 0.48 0.00	42.08 0.46 0.00	41.73 0.29 0.00	47.88 0.22 0.00	57.68 0.29 0.00	108.27 0.48 0.00	95.43 -0.17 0.00	62.23 -0.25 0.00	48.99 -0.23 0.00	44.52 -0.02 0.00	44.72 0.32 0.00
NEG CENTRAL___STATE_STREET 24147	36.54 0.22 0.00	33.58 0.12 0.00	40.72 0.22 0.00	37.17 0.21 0.00	35.17 0.20 0.00	40.42 0.30 0.00	58.55 0.46 0.00	75.43 0.48 0.00	91.77 0.17 0.00	44.62 0.15 0.00	46.78 0.26 0.00	44.58 0.05 -1.15	44.47 0.15 0.00	43.72 0.00 0.00	41.81 0.19 0.00	41.52 0.08 0.00	47.79 0.13 0.00	57.78 0.38 0.00	108.16 0.36 0.00	95.57 -0.03 0.00	62.37 -0.11 0.00	49.27 0.06 0.00	44.68 0.14 0.00	44.66 0.26 0.00
NEG MILLWOOD___DRP 24198	37.62 1.31 0.00	34.65 1.19 0.00	41.81 1.31 0.00	38.09 1.13 0.00	36.00 1.03 0.00	41.17 1.04 0.00	59.62 1.54 0.00	77.54 2.59 0.00	94.74 3.13 0.00	46.00 1.53 0.00	47.97 1.45 0.00	44.90 1.52 0.00	45.76 1.44 0.00	45.25 1.52 0.00	43.30 1.68 0.00	43.13 1.69 0.00	49.57 1.91 0.00	59.80 2.41 0.00	112.25 4.46 0.00	99.53 3.92 0.00	64.97 2.49 0.00	51.20 1.99 0.00	46.32 1.78 0.00	45.98 1.57 0.00
NEG NORTH_FLCN_SEA 23793	37.09 0.78 0.00	34.21 0.75 0.00	41.44 0.95 0.00	37.81 0.85 0.00	35.76 0.79 0.00	41.16 1.04 0.00	59.61 1.53 0.00	77.06 2.10 0.00	93.92 2.31 0.00	45.45 0.99 0.00	47.51 0.99 0.00	44.13 0.75 0.00	45.11 0.79 0.00	44.59 0.87 0.00	42.35 0.73 0.00	42.38 0.94 0.00	48.71 1.05 0.00	58.41 1.01 0.00	109.77 1.98 0.00	97.69 2.08 0.00	63.83 1.34 0.00	50.51 1.30 0.00	45.56 1.02 0.00	45.18 0.78 0.00
NEG NORTH_KES_CHATEGAY 23792	36.80 0.49 0.00	33.91 0.46 0.00	41.07 0.57 0.00	37.49 0.53 0.00	35.43 0.47 0.00	40.84 0.72 0.00	59.30 1.22 0.00	76.48 1.53 0.00	93.34 1.73 0.00	45.11 0.65 0.00	47.19 0.67 0.00	43.88 0.50 0.00	44.88 0.56 0.00	44.31 0.59 0.00	42.10 0.48 0.00	41.99 0.54 0.00	48.28 0.62 0.00	58.05 0.66 0.00	109.50 1.70 0.00	97.22 1.61 0.00	63.61 1.12 0.00	50.14 0.92 0.00	45.26 0.72 0.00	44.96 0.55 0.00
NEG NORTH___ALICE_FALLS 23915	37.27 0.95 0.00	34.36 0.90 0.00	41.60 1.10 0.00	37.97 1.01 0.00	35.91 0.95 0.00	41.36 1.23 0.00	60.06 1.98 0.00	77.63 2.68 0.00	94.60 3.00 0.00	45.60 1.13 0.00	47.60 1.08 0.00	44.20 0.82 0.00	45.20 0.88 0.00	44.64 0.91 0.00	42.39 0.77 0.00	42.38 0.94 0.00	48.77 1.11 0.00	58.74 1.35 0.00	110.65 2.86 0.00	98.51 2.91 0.00	64.35 1.86 0.00	50.79 1.57 0.00	45.80 1.26 0.00	45.44 1.03 0.00
NEG NORTH___LWR_SARANAC 23913	37.27 0.95 0.00	34.36 0.90 0.00	41.60 1.10 0.00	37.97 1.01 0.00	35.91 0.95 0.00	41.36 1.23 0.00	60.06 1.98 0.00	77.63 2.68 0.00	94.60 3.00 0.00	45.60 1.13 0.00	47.60 1.08 0.00	44.20 0.82 0.00	45.20 0.88 0.00	44.64 0.91 0.00	42.39 0.77 0.00	42.38 0.94 0.00	48.77 1.11 0.00	58.74 1.35 0.00	110.65 2.86 0.00	98.51 2.91 0.00	64.35 1.86 0.00	50.79 1.57 0.00	45.80 1.26 0.00	45.44 1.03 0.00
NEG NORTH___PLATTSBURG 23628	37.27 0.95 0.00	34.36 0.90 0.00	41.60 1.10 0.00	37.97 1.01 0.00	35.91 0.95 0.00	41.36 1.23 0.00	60.06 1.98 0.00	77.64 2.69 0.00	94.60 2.99 0.00	45.60 1.13 0.00	47.60 1.08 0.00	44.20 0.82 0.00	45.20 0.88 0.00	44.64 0.92 0.00	42.39 0.77 0.00	42.38 0.94 0.00	48.77 1.11 0.00	58.75 1.35 0.00	110.65 2.85 0.00	98.51 2.91 0.00	64.34 1.86 0.00	50.79 1.57 0.00	45.80 1.26 0.00	45.43 1.03 0.00
NEG WEST_LEA_LOCKPORT 23791	36.72 0.41 0.00	33.66 0.20 0.00	40.84 0.34 0.00	37.29 0.34 0.00	35.24 0.28 0.00	40.57 0.45 0.00	58.31 0.23 0.00	73.97 -0.98 0.00	90.42 -1.20 0.00	45.04 0.57 0.00	48.02 1.50 0.00	46.41 0.90 -2.14	45.61 1.29 0.00	44.87 1.15 0.00	42.56 0.94 0.00	42.11 0.66 0.00	47.43 -0.23 0.00	55.38 -2.01 0.00	102.77 -5.02 0.00	89.65 -5.95 0.00	58.27 -4.22 0.00	46.01 -3.20 0.00	42.65 -1.89 0.00	44.21 -0.19 0.00
NEG WEST___LANCASTR 23811	36.59 0.27 0.00	33.53 0.08 0.00	40.76 0.26 0.00	37.20 0.24 0.00	35.15 0.18 0.00	40.57 0.44 0.00	58.32 0.24 0.00	74.36 -0.59 0.00	90.92 -0.69 0.00	45.00 0.54 0.00	47.91 1.40 0.00	46.44 1.00 -2.07	45.68 1.37 0.00	44.89 1.16 0.00	42.58 0.96 0.00	42.12 0.67 0.00	47.54 -0.12 0.00	55.93 -1.46 0.00	104.26 -3.53 0.00	91.06 -4.54 0.00	59.21 -3.27 0.00	46.68 -2.53 0.00	43.02 -1.53 0.00	44.19 -0.21 0.00
NEG_PENN_ALLEGHNY 23528	36.65 0.34 0.00	33.66 0.21 0.00	40.92 0.43 0.00	37.34 0.38 0.00	35.30 0.33 0.00	40.55 0.42 0.00	58.42 0.34 0.00	75.38 0.43 0.00	92.20 0.59 0.00	44.92 0.45 0.00	47.20 0.68 0.00	47.50 0.63 -3.49	45.02 0.70 0.00	44.39 0.66 0.00	42.25 0.63 0.00	41.94 0.50 0.00	48.04 0.38 0.00	57.88 0.49 0.00	108.81 1.02 0.00	96.07 0.46 0.00	62.68 0.19 0.00	49.36 0.15 0.00	44.84 0.30 0.00	44.87 0.47 0.00
NEG___GEN_MONROE 24207	37.24 0.93 0.00	34.20 0.74 0.00	41.41 0.92 0.00	37.81 0.85 0.00	35.78 0.81 0.00	41.36 1.24 0.00	59.85 1.77 0.00	76.41 1.46 0.00	93.24 1.63 0.00	45.87 1.40 0.00	48.51 2.00 0.00	47.74 1.60 -2.76	46.00 1.68 0.00	45.28 1.56 0.00	43.23 1.61 0.00	42.63 1.19 0.00	48.42 0.76 0.00	57.45 0.06 0.00	107.40 -0.40 0.00	94.27 -1.33 0.00	61.34 -1.15 0.00	48.32 -0.89 0.00	44.16 -0.38 0.00	44.92 0.52 0.00
NEPA___ENERGY 23901	36.87 0.56 0.00	33.73 0.27 0.00	41.14 0.64 0.00	37.53 0.57 0.00	35.43 0.46 0.00	40.89 0.76 0.00	58.54 0.46 0.00	74.91 -0.05 0.00	91.69 0.08 0.00	45.10 0.64 0.00	48.14 1.63 0.00	46.79 1.37 -2.05	45.86 1.55 0.00	45.15 1.43 0.00	42.84 1.23 0.00	42.45 1.00 0.00	47.90 0.24 0.00	56.63 -0.76 0.00	106.17 -1.62 0.00	92.88 -2.72 0.00	60.27 -2.22 0.00	47.45 -1.77 0.00	43.62 -0.92 0.00	44.30 -0.10 0.00

NEVERSINK___HYD 23608	37.33 1.01 0.00	34.34 0.88 0.00	41.52 1.02 0.00	37.84 0.88 0.00	35.78 0.81 0.00	40.93 0.80 0.00	59.47 1.39 0.00	77.16 2.21 0.00	94.23 2.62 0.00	45.56 1.10 0.00	47.46 0.94 0.00	43.65 0.98 0.71	44.75 0.43 0.00	43.07 -0.65 0.00	41.14 -0.48 0.00	41.01 -0.43 0.00	47.32 -0.34 0.00	57.35 -0.05 0.00	108.46 0.67 0.00	98.65 3.05 0.00	64.41 1.92 0.00	50.73 1.51 0.00	45.86 1.32 0.00	45.55 1.15 0.00
NEWKRMKL_115KV_TB1 55635	36.24 -0.08 0.00	33.48 0.02 0.00	40.36 -0.14 0.00	36.83 -0.13 0.00	34.92 -0.05 0.00	39.91 -0.22 0.00	57.69 -0.39 0.00	74.64 -0.31 0.00	91.35 -0.26 0.00	44.09 -0.37 0.00	45.98 -0.54 0.00	42.95 -0.43 0.00	44.09 -0.23 0.00	43.50 -0.22 0.00	41.47 -0.15 0.00	41.30 -0.14 0.00	47.68 0.02 0.00	57.57 0.18 0.00	108.04 0.25 0.00	95.93 0.32 0.00	62.81 0.32 0.00	49.42 0.21 0.00	44.66 0.12 0.00	44.32 -0.08 0.00
NEWTON___FALLS_HYD 23847	37.72 1.41 0.00	34.75 1.29 0.00	42.20 1.70 0.00	38.63 1.67 0.00	36.56 1.59 0.00	41.98 1.86 0.00	61.07 2.99 0.00	78.77 3.82 0.00	95.73 4.12 0.00	46.16 1.69 0.00	47.63 1.11 0.00	44.11 0.73 0.00	44.79 0.47 0.00	44.22 0.50 0.00	41.99 0.37 0.00	41.96 0.51 0.00	48.42 0.76 0.00	59.00 1.61 0.00	111.54 3.75 0.00	98.97 3.36 0.00	65.04 2.56 0.00	51.52 2.31 0.00	46.44 1.90 0.00	46.22 1.81 0.00
NGRID_A1_DSASP 323792	36.42 0.11 0.00	33.40 -0.06 0.00	40.51 0.01 0.00	36.98 0.02 0.00	34.93 -0.04 0.00	40.29 0.16 0.00	57.93 -0.15 0.00	73.15 -1.80 0.00	89.07 -2.54 0.00	44.42 -0.05 0.00	47.60 1.08 0.00	45.77 0.42 -1.97	45.33 1.01 0.00	44.57 0.84 0.00	42.26 0.64 0.00	41.86 0.41 0.00	47.09 -0.57 0.00	54.67 -2.73 0.00	100.96 -6.83 0.00	88.02 -7.59 0.00	57.23 -5.25 0.00	45.23 -3.98 0.00	42.15 -2.39 0.00	43.85 -0.56 0.00
NGRID_A2_DSASP 323793	36.42 0.11 0.00	33.40 -0.06 0.00	40.51 0.01 0.00	36.98 0.02 0.00	34.93 -0.04 0.00	40.29 0.16 0.00	57.93 -0.15 0.00	73.15 -1.80 0.00	89.07 -2.54 0.00	44.42 -0.05 0.00	47.60 1.08 0.00	45.77 0.42 -1.97	45.33 1.01 0.00	44.57 0.84 0.00	42.26 0.64 0.00	41.86 0.41 0.00	47.09 -0.57 0.00	54.67 -2.73 0.00	100.96 -6.83 0.00	88.02 -7.59 0.00	57.23 -5.25 0.00	45.23 -3.98 0.00	42.15 -2.39 0.00	43.85 -0.56 0.00
NGRID_A4_DSASP 323807	36.42 0.11 0.00	33.40 -0.06 0.00	40.51 0.01 0.00	36.98 0.02 0.00	34.93 -0.04 0.00	40.29 0.16 0.00	57.93 -0.15 0.00	73.15 -1.80 0.00	89.07 -2.54 0.00	44.42 -0.05 0.00	47.60 1.08 0.00	45.77 0.42 -1.97	45.33 1.01 0.00	44.57 0.84 0.00	42.26 0.64 0.00	41.86 0.41 0.00	47.09 -0.57 0.00	54.67 -2.73 0.00	100.96 -6.83 0.00	88.02 -7.59 0.00	57.23 -5.25 0.00	45.23 -3.98 0.00	42.15 -2.39 0.00	43.85 -0.56 0.00
NIAGARA_115E_LBMP 323715	36.32 0.01 0.00	33.28 -0.17 0.00	40.38 -0.12 0.00	36.86 -0.10 0.00	34.85 -0.11 0.00	40.04 -0.08 0.00	57.37 -0.71 0.00	72.72 -2.23 0.00	88.94 -2.67 0.00	44.39 -0.08 0.00	47.33 0.81 0.00	45.59 0.16 -2.06	44.92 0.61 0.00	44.20 0.48 0.00	41.94 0.32 0.00	41.51 0.07 0.00	46.70 -0.96 0.00	54.43 -2.96 0.00	100.81 -6.98 0.00	87.90 -7.71 0.00	57.14 -5.35 0.00	45.18 -4.03 0.00	41.98 -2.56 0.00	43.63 -0.77 0.00
NIAGARA_115W_LBMP 323714	36.38 0.07 0.00	33.36 -0.09 0.00	40.46 -0.04 0.00	36.92 -0.04 0.00	34.88 -0.08 0.00	40.23 0.10 0.00	57.82 -0.26 0.00	73.00 -1.95 0.00	88.89 -2.72 0.00	44.33 -0.14 0.00	47.52 1.00 0.00	45.68 0.34 -1.96	45.25 0.94 0.00	44.50 0.78 0.00	42.21 0.59 0.00	41.79 0.34 0.00	47.02 -0.64 0.00	54.56 -2.83 0.00	100.74 -7.05 0.00	87.83 -7.77 0.00	57.11 -5.37 0.00	45.14 -4.08 0.00	42.09 -2.45 0.00	43.78 -0.62 0.00
NIAGARA_230_LBMP 323716	36.42 0.11 0.00	33.42 -0.04 0.00	40.53 0.03 0.00	36.99 0.03 0.00	34.94 -0.02 0.00	40.27 0.15 0.00	57.90 -0.18 0.00	73.37 -1.59 0.00	89.56 -2.05 0.00	44.61 0.14 0.00	47.57 1.05 0.00	45.79 0.50 -1.91	45.29 0.97 0.00	44.54 0.81 0.00	42.26 0.64 0.00	41.82 0.38 0.00	47.09 -0.57 0.00	54.95 -2.44 0.00	101.84 -5.95 0.00	88.86 -6.74 0.00	57.77 -4.72 0.00	45.63 -3.58 0.00	42.29 -2.25 0.00	43.86 -0.54 0.00
NIAGARA___115KV_198_GIBSON 55903	36.37 0.06 0.00	33.35 -0.10 0.00	40.45 -0.04 0.00	36.92 -0.04 0.00	34.88 -0.08 0.00	40.23 0.10 0.00	57.83 -0.25 0.00	73.00 -1.95 0.00	88.90 -2.71 0.00	44.32 -0.14 0.00	47.52 1.00 0.00	45.76 0.42 -1.96	45.30 0.97 0.00	44.53 0.81 0.00	42.21 0.59 0.00	41.79 0.34 0.00	47.03 -0.63 0.00	54.58 -2.81 0.00	100.76 -7.04 0.00	87.83 -7.77 0.00	57.11 -5.37 0.00	45.14 -4.07 0.00	42.10 -2.45 0.00	43.79 -0.61 0.00
NIAGARA____ 23760	36.42 0.11 0.00	33.42 -0.04 0.00	40.53 0.03 0.00	36.99 0.03 0.00	34.94 -0.02 0.00	40.27 0.15 0.00	57.90 -0.18 0.00	73.37 -1.59 0.00	89.56 -2.05 0.00	44.61 0.14 0.00	47.57 1.05 0.00	45.87 0.50 -1.99	45.29 0.97 0.00	44.54 0.81 0.00	42.26 0.64 0.00	41.82 0.38 0.00	47.09 -0.57 0.00	54.95 -2.44 0.00	101.84 -5.95 0.00	88.86 -6.74 0.00	57.77 -4.72 0.00	45.63 -3.58 0.00	42.29 -2.25 0.00	43.86 -0.54 0.00
NINE_MILE_1 23575	35.30 -1.02 0.00	32.49 -0.97 0.00	39.34 -1.15 0.00	35.91 -1.05 0.00	33.99 -0.98 0.00	39.00 -1.13 0.00	56.44 -1.64 0.00	72.81 -2.14 0.00	88.99 -2.62 0.00	43.24 -1.23 0.00	45.25 -1.27 0.00	42.13 -1.25 0.00	43.08 -1.24 0.00	42.49 -1.24 0.00	40.45 -1.17 0.00	40.27 -1.18 0.00	46.26 -1.40 0.00	55.70 -1.70 0.00	104.60 -3.19 0.00	92.60 -3.00 0.00	60.49 -2.00 0.00	47.66 -1.55 0.00	43.19 -1.36 0.00	43.13 -1.28 0.00
NINE_MILE_2 23744	35.30 -1.02 0.00	32.49 -0.97 0.00	39.35 -1.15 0.00	35.92 -1.04 0.00	33.99 -0.98 0.00	39.00 -1.13 0.00	56.45 -1.63 0.00	72.81 -2.14 0.00	89.01 -2.60 0.00	43.25 -1.22 0.00	45.25 -1.27 0.00	42.13 -1.24 0.00	43.09 -1.23 0.00	42.49 -1.24 0.00	40.45 -1.17 0.00	40.27 -1.18 0.00	46.27 -1.40 0.00	55.70 -1.69 0.00	104.61 -3.18 0.00	92.61 -2.99 0.00	60.49 -2.00 0.00	47.66 -1.55 0.00	43.19 -1.36 0.00	43.13 -1.27 0.00
NM_CAPITAL___DRP 24208	36.33 0.01 0.00	33.55 0.10 0.00	40.47 -0.03 0.00	36.92 -0.04 0.00	34.99 0.02 0.00	40.00 -0.12 0.00	57.81 -0.27 0.00	74.81 -0.14 0.00	91.59 -0.02 0.00	44.22 -0.25 0.00	46.13 -0.39 0.00	43.11 -0.27 0.00	44.21 -0.11 0.00	43.62 -0.10 0.00	41.57 -0.05 0.00	41.37 -0.07 0.00	47.74 0.08 0.00	57.66 0.26 0.00	108.21 0.42 0.00	96.12 0.52 0.00	62.94 0.45 0.00	49.55 0.33 0.00	44.77 0.23 0.00	44.44 0.03 0.00
NM_CENTRAL___DRP 24181	35.93 -0.38 0.00	33.04 -0.42 0.00	40.06 -0.44 0.00	36.55 -0.41 0.00	34.58 -0.38 0.00	39.67 -0.46 0.00	57.42 -0.66 0.00	74.11 -0.84 0.00	90.58 -1.03 0.00	44.01 -0.45 0.00	46.03 -0.49 0.00	43.63 -0.54 -0.79	43.86 -0.46 0.00	43.25 -0.48 0.00	41.17 -0.45 0.00	40.98 -0.47 0.00	47.10 -0.56 0.00	56.73 -0.67 0.00	106.61 -1.18 0.00	94.30 -1.30 0.00	61.56 -0.93 0.00	48.54 -0.67 0.00	43.98 -0.56 0.00	43.93 -0.47 0.00

NM_FRONTIER___DRP 24179	36.37 0.06 0.00	33.35 -0.10 0.00	40.45 -0.04 0.00	36.92 -0.04 0.00	34.88 -0.08 0.00	40.23 0.10 0.00	57.83 -0.25 0.00	73.00 -1.95 0.00	88.90 -2.71 0.00	44.32 -0.14 0.00	47.52 1.00 0.00	45.76 0.42 -1.96	45.30 0.97 0.00	44.53 0.81 0.00	42.21 0.59 0.00	41.79 0.34 0.00	47.03 -0.63 0.00	54.58 -2.81 0.00	100.76 -7.04 0.00	87.83 -7.77 0.00	57.11 -5.37 0.00	45.14 -4.07 0.00	42.10 -2.45 0.00	43.79 -0.61 0.00
NM_ST_REGIS___HYD 24053	37.63 1.32 0.00	34.66 1.20 0.00	42.00 1.50 0.00	38.39 1.43 0.00	36.30 1.34 0.00	41.68 1.55 0.00	60.50 2.42 0.00	77.98 3.03 0.00	94.86 3.25 0.00	45.82 1.36 0.00	47.77 1.25 0.00	44.39 1.01 0.00	45.29 0.97 0.00	44.68 0.96 0.00	42.42 0.80 0.00	42.30 0.86 0.00	48.81 1.15 0.00	58.86 1.47 0.00	110.72 2.93 0.00	98.57 2.96 0.00	64.86 2.38 0.00	51.30 2.08 0.00	46.25 1.71 0.00	46.01 1.61 0.00
NORTHPORT___1 23551	37.21 0.90 0.00	34.35 0.89 0.00	41.19 0.69 0.00	37.38 0.42 0.00	34.78 -0.18 0.00	39.38 -0.74 0.00	45.30 -1.24 11.55	70.63 -0.72 3.59	77.81 -1.12 12.68	43.40 -0.12 0.94	45.83 -0.43 0.26	42.85 -0.06 0.47	43.92 -0.27 0.13	43.50 -0.12 0.11	42.24 0.66 0.04	39.40 0.45 2.49	41.30 0.21 6.56	23.73 0.91 34.58	56.00 0.40 52.20	52.30 0.49 43.80	35.11 0.36 27.74	29.06 0.52 20.68	31.57 0.65 13.62	49.89 1.10 -4.38
NORTHPORT___2 23552	37.21 0.90 0.00	34.35 0.89 0.00	41.19 0.69 0.00	37.38 0.42 0.00	34.78 -0.18 0.00	39.38 -0.74 0.00	45.30 -1.24 11.55	70.63 -0.72 3.59	77.81 -1.12 12.68	43.40 -0.12 0.94	45.83 -0.43 0.26	42.85 -0.06 0.47	43.92 -0.27 0.13	43.50 -0.12 0.11	42.24 0.66 0.04	39.40 0.45 2.49	41.30 0.21 6.56	23.73 0.91 34.58	56.00 0.40 52.20	52.30 0.49 43.80	35.11 0.36 27.74	29.06 0.52 20.68	31.57 0.65 13.62	49.89 1.10 -4.38
NORTHPORT___3 23553	36.93 0.61 0.00	34.12 0.66 0.00	40.95 0.45 0.00	37.10 0.14 0.00	34.53 -0.44 0.00	39.09 -1.03 0.01	-39.63 -1.12 96.59	10.68 -0.55 63.73	15.37 -0.98 75.26	31.37 -0.10 12.99	42.40 -0.28 3.84	36.71 0.08 6.75	42.40 -0.08 1.84	42.52 0.02 1.22	41.93 0.52 0.21	16.50 0.40 25.35	35.43 0.15 12.38	-4.03 0.76 62.19	10.73 0.10 97.15	14.51 0.25 81.35	11.43 0.21 51.27	11.51 0.39 38.09	19.26 0.50 25.77	49.76 0.96 -4.41
NORTHPORT___4 23650	36.93 0.61 0.00	34.12 0.66 0.00	40.95 0.45 0.00	37.10 0.14 0.00	34.53 -0.44 0.00	39.09 -1.03 0.01	-39.63 -1.12 96.59	10.68 -0.55 63.73	15.37 -0.98 75.26	31.37 -0.10 12.99	42.40 -0.28 3.84	36.71 0.08 6.75	42.40 -0.08 1.84	42.52 0.02 1.22	41.93 0.52 0.21	16.50 0.40 25.35	35.43 0.15 12.38	-4.03 0.76 62.19	10.73 0.10 97.15	14.51 0.25 81.35	11.43 0.21 51.27	11.51 0.39 38.09	19.26 0.50 25.77	49.76 0.96 -4.41
NORTHPORT___IC 23718	37.21 0.90 0.00	34.35 0.89 0.00	41.20 0.70 0.00	37.38 0.42 0.00	34.78 -0.19 0.00	39.38 -0.75 0.00	45.30 -1.24 11.55	70.63 -0.72 3.59	77.79 -1.14 12.68	43.40 -0.12 0.94	45.83 -0.43 0.26	42.82 -0.09 0.47	43.90 -0.28 0.13	43.49 -0.13 0.11	42.22 0.65 0.04	39.40 0.45 2.49	41.30 0.20 6.56	23.73 0.91 34.58	56.00 0.40 52.20	52.29 0.49 43.80	35.11 0.36 27.74	29.06 0.52 20.68	31.57 0.65 13.62	49.88 1.09 -4.38
NORTH___COUNTRY_ESR 323785	36.77 0.45 0.00	33.88 0.43 0.00	41.02 0.52 0.00	37.44 0.49 0.00	35.41 0.44 0.00	40.77 0.64 0.00	59.19 1.11 0.00	76.33 1.38 0.00	93.12 1.51 0.00	45.10 0.63 0.00	47.18 0.66 0.00	43.87 0.50 0.00	44.88 0.56 0.00	44.31 0.58 0.00	42.09 0.48 0.00	41.98 0.53 0.00	48.27 0.61 0.00	58.03 0.64 0.00	109.21 1.42 0.00	97.07 1.46 0.00	63.45 0.97 0.00	50.02 0.80 0.00	45.17 0.63 0.00	44.92 0.52 0.00
NPX_GEN_1385_PROXY 323591	36.95 0.64 0.00	33.86 0.41 0.00	40.50 0.00 0.00	36.74 -0.21 0.00	34.18 -0.79 0.00	37.78 -1.35 1.00	44.69 -2.01 11.39	69.68 -1.68 3.59	76.75 -2.18 12.68	42.71 -0.81 0.94	37.13 -1.33 8.06	29.00 -0.89 13.49	3.06 -1.12 40.14	24.49 -0.96 18.27	26.41 -0.13 15.08	33.65 -0.33 7.46	40.83 -0.27 6.56	23.35 0.54 34.58	55.21 -0.38 52.20	51.58 -0.22 43.80	34.64 -0.11 27.74	28.62 0.08 20.68	31.15 0.23 13.62	49.33 0.55 -4.38
NPX_GEN_CSC 323557	36.80 0.49 0.00	33.95 0.50 0.00	40.68 0.18 0.00	36.97 0.01 0.00	34.48 -0.49 0.00	38.08 -1.05 1.00	48.86 -1.58 7.64	64.75 -1.25 8.95	42.89 -1.82 46.90	23.79 -0.50 20.18	44.08 -0.83 1.61	38.45 -0.45 4.48	40.71 -0.63 2.98	35.20 -0.52 8.01	28.82 0.09 12.89	39.14 0.22 2.53	43.51 0.19 4.33	36.70 1.02 21.71	72.73 0.49 35.56	66.04 0.43 30.00	43.60 0.32 19.21	35.38 0.60 14.43	36.53 0.90 8.92	50.19 1.35 -4.43
NSINS_S_GLNS_FALLS 23858	37.51 1.19 0.00	34.61 1.16 0.00	41.88 1.38 0.00	38.14 1.17 0.00	36.11 1.14 0.00	41.41 1.28 0.00	60.27 2.19 0.00	78.20 3.25 0.00	94.94 3.33 0.00	44.89 0.42 0.00	46.61 0.09 0.00	42.51 -0.10 0.77	44.79 0.47 0.00	44.18 0.46 0.00	42.11 0.49 0.00	42.17 0.72 0.00	49.11 1.45 0.00	59.67 2.28 0.00	112.51 4.72 0.00	100.15 4.55 0.00	65.47 2.99 0.00	51.38 2.17 0.00	46.37 1.83 0.00	45.84 1.43 0.00
NUCOR_STEEL___DRP 24197	36.50 0.18 0.00	33.56 0.10 0.00	40.68 0.19 0.00	37.12 0.16 0.00	35.13 0.16 0.00	40.38 0.25 0.00	58.48 0.40 0.00	75.34 0.39 0.00	91.68 0.07 0.00	44.53 0.06 0.00	46.72 0.19 0.00	44.49 0.01 -1.10	44.44 0.12 0.00	43.66 -0.06 0.00	41.77 0.15 0.00	41.49 0.05 0.00	47.75 0.09 0.00	57.73 0.33 0.00	107.96 0.17 0.00	95.43 -0.17 0.00	62.29 -0.19 0.00	49.23 0.02 0.00	44.64 0.10 0.00	44.62 0.21 0.00
NUMBER_THREE_WT_PWR 323818	37.75 1.44 0.00	34.79 1.33 0.00	42.29 1.79 0.00	38.74 1.78 0.00	36.69 1.73 0.00	42.21 2.08 0.00	61.64 3.56 0.00	79.59 4.64 0.00	96.76 5.15 0.00	46.50 2.03 0.00	47.67 1.15 0.00	44.03 0.65 0.00	44.53 0.21 0.00	43.99 0.27 0.00	41.77 0.15 0.00	41.82 0.38 0.00	48.34 0.68 0.00	59.39 1.99 0.00	112.80 5.01 0.00	99.80 4.20 0.00	65.39 2.90 0.00	51.67 2.45 0.00	46.55 2.01 0.00	46.33 1.93 0.00
NYISO_LBMP_REFERENCE 24008	36.31 0.00 0.00	33.46 0.00 0.00	40.50 0.00 0.00	36.96 0.00 0.00	34.97 0.00 0.00	40.13 0.00 0.00	58.08 0.00 0.00	74.95 0.00 0.00	91.61 0.00 0.00	44.46 0.00 0.00	46.52 0.00 0.00	43.38 0.00 0.00	44.32 0.00 0.00	43.72 0.00 0.00	41.62 0.00 0.00	41.44 0.00 0.00	47.66 0.00 0.00	57.39 0.00 0.00	107.79 0.00 0.00	95.60 0.00 0.00	62.48 0.00 0.00	49.21 0.00 0.00	44.54 0.00 0.00	44.40 0.00 0.00
NYPA_BRENTWD____GT 24164	37.53 1.22 0.00	34.60 1.14 0.00	41.50 1.00 0.00	37.68 0.72 0.00	35.11 0.15 0.00	39.86 -0.26 0.00	47.45 -0.15 10.48	68.05 0.60 7.50	72.19 0.49 19.91	41.32 0.60 3.75	46.22 0.34 0.64	42.60 0.53 1.31	44.15 0.38 0.54	43.24 0.51 1.00	41.71 1.46 1.37	39.62 1.29 3.11	44.13 0.98 4.50	36.21 1.77 22.95	72.25 2.11 37.65	65.64 1.89 31.85	43.23 1.28 20.53	34.95 1.23 15.48	36.66 1.35 9.23	50.81 1.83 -4.58

NYPA_GOWANUS____GT5 24156	37.56 1.25 0.00	34.61 1.16 0.00	41.63 1.13 0.00	38.05 1.09 0.00	35.98 1.02 0.00	41.05 0.92 0.00	59.20 1.12 0.00	77.23 2.28 0.00	94.44 2.83 0.00	46.07 1.61 0.00	48.05 1.53 0.00	45.08 1.70 0.00	45.90 1.58 0.00	45.44 1.72 0.00	43.64 2.02 0.00	43.44 2.00 0.00	49.72 2.06 0.00	59.74 2.34 0.00	111.79 4.00 0.00	99.03 3.42 0.00	64.73 2.25 0.00	51.13 1.92 0.00	46.30 1.76 0.00	45.94 1.54 0.00
NYPA_GOWANUS____GT6 24157	37.56 1.25 0.00	34.61 1.16 0.00	41.63 1.13 0.00	38.05 1.09 0.00	35.98 1.02 0.00	41.05 0.92 0.00	59.20 1.12 0.00	77.23 2.28 0.00	94.44 2.83 0.00	46.07 1.61 0.00	48.05 1.53 0.00	45.08 1.70 0.00	45.90 1.58 0.00	45.44 1.72 0.00	43.64 2.02 0.00	43.44 2.00 0.00	49.72 2.06 0.00	59.74 2.34 0.00	111.79 4.00 0.00	99.03 3.42 0.00	64.73 2.25 0.00	51.13 1.92 0.00	46.30 1.76 0.00	45.94 1.54 0.00
NYPA_HARLEM__RVR__GT1 24160	37.14 0.83 0.01	34.26 0.81 0.01	41.19 0.70 0.01	37.81 0.86 0.02	35.81 0.85 0.01	40.84 0.72 0.01	58.98 0.91 0.01	76.85 1.90 0.00	93.98 2.37 0.00	45.81 1.35 0.00	47.74 1.22 0.00	44.80 1.43 0.00	45.64 1.32 0.00	45.15 1.43 0.00	43.32 1.70 0.00	43.09 1.65 0.00	49.37 1.71 0.00	59.33 1.94 0.00	111.29 3.49 0.00	98.60 3.00 0.00	64.38 1.90 0.00	50.81 1.59 0.00	45.98 1.44 0.00	45.60 1.19 0.00
NYPA_HARLEM__RVR__GT2 24161	37.14 0.83 0.01	34.26 0.81 0.01	41.19 0.70 0.01	37.81 0.86 0.02	35.81 0.85 0.01	40.84 0.72 0.01	58.98 0.91 0.01	76.85 1.90 0.00	93.98 2.37 0.00	45.81 1.35 0.00	47.74 1.22 0.00	44.80 1.43 0.00	45.64 1.32 0.00	45.15 1.43 0.00	43.32 1.70 0.00	43.09 1.65 0.00	49.37 1.71 0.00	59.33 1.94 0.00	111.29 3.49 0.00	98.60 3.00 0.00	64.38 1.90 0.00	50.81 1.59 0.00	45.98 1.44 0.00	45.60 1.19 0.00
NYPA_KENT____GT 24152	37.54 1.22 0.00	34.60 1.15 0.00	41.62 1.12 0.00	38.05 1.09 0.00	35.98 1.02 0.00	41.04 0.91 0.00	59.19 1.10 0.00	77.18 2.22 0.00	94.35 2.74 0.00	46.04 1.58 0.00	48.02 1.50 0.00	45.06 1.68 0.00	45.90 1.58 0.00	45.43 1.70 0.00	43.60 1.98 0.00	43.41 1.97 0.00	49.68 2.02 0.00	59.68 2.29 0.00	111.71 3.92 0.00	98.93 3.32 0.00	64.63 2.14 0.00	51.07 1.85 0.00	46.25 1.70 0.00	45.88 1.48 0.00
NYPA_POUCH1____GT 24155	37.68 1.36 0.00	34.72 1.27 0.00	41.76 1.26 0.00	38.17 1.21 0.00	36.10 1.13 0.00	41.18 1.05 0.00	59.16 1.08 0.00	76.98 2.03 0.00	94.10 2.49 0.00	45.93 1.46 0.00	47.87 1.35 0.00	44.92 1.55 0.00	45.73 1.41 0.00	45.28 1.56 0.00	43.54 1.91 0.00	43.36 1.91 0.00	49.57 1.91 0.00	59.58 2.19 0.00	111.56 3.76 0.00	98.86 3.25 0.00	64.61 2.13 0.00	51.03 1.81 0.00	46.22 1.68 0.00	45.82 1.42 0.00
NYPA_VERNON____GT2 24162	37.51 1.20 0.00	34.59 1.13 0.00	41.61 1.12 0.00	38.05 1.09 0.00	35.98 1.02 0.00	41.03 0.91 0.00	59.17 1.09 0.00	77.10 2.15 0.00	94.27 2.66 0.00	46.01 1.55 0.00	48.01 1.49 0.00	45.06 1.68 0.00	45.89 1.57 0.00	45.40 1.68 0.00	43.58 1.96 0.00	43.38 1.93 0.00	49.66 2.00 0.00	59.67 2.27 0.00	111.70 3.90 0.00	98.91 3.30 0.00	64.59 2.10 0.00	50.99 1.77 0.00	46.18 1.63 0.00	45.84 1.43 0.00
NYPA_VERNON____GT3 24163	37.51 1.20 0.00	34.59 1.13 0.00	41.61 1.12 0.00	38.05 1.09 0.00	35.98 1.02 0.00	41.03 0.91 0.00	59.17 1.09 0.00	77.10 2.15 0.00	94.27 2.66 0.00	46.01 1.55 0.00	48.01 1.49 0.00	45.06 1.68 0.00	45.89 1.57 0.00	45.40 1.68 0.00	43.58 1.96 0.00	43.38 1.93 0.00	49.66 2.00 0.00	59.67 2.27 0.00	111.70 3.90 0.00	98.91 3.30 0.00	64.59 2.10 0.00	50.99 1.77 0.00	46.18 1.63 0.00	45.84 1.43 0.00
NYPA____ASTORIA_CC1 323568	37.45 1.14 0.00	34.54 1.08 0.00	41.55 1.05 0.00	38.01 1.05 0.00	35.95 0.98 0.00	40.98 0.85 0.00	59.07 0.98 0.00	76.95 2.00 0.00	94.10 2.49 0.00	45.94 1.48 0.00	47.93 1.41 0.00	44.99 1.61 0.00	45.82 1.50 0.00	45.35 1.63 0.00	43.51 1.89 0.00	43.32 1.88 0.00	49.58 1.92 0.00	59.56 2.16 0.00	111.48 3.69 0.00	98.73 3.13 0.00	64.47 1.99 0.00	50.90 1.69 0.00	46.12 1.57 0.00	45.77 1.37 0.00
NYPA____ASTORIA_CC2 323569	37.45 1.14 0.00	34.54 1.08 0.00	41.55 1.05 0.00	38.01 1.05 0.00	35.95 0.98 0.00	40.98 0.85 0.00	59.07 0.98 0.00	76.95 2.00 0.00	94.10 2.49 0.00	45.94 1.48 0.00	47.93 1.41 0.00	44.99 1.61 0.00	45.82 1.50 0.00	45.35 1.63 0.00	43.51 1.89 0.00	43.32 1.88 0.00	49.58 1.92 0.00	59.56 2.16 0.00	111.48 3.69 0.00	98.73 3.13 0.00	64.47 1.99 0.00	50.90 1.69 0.00	46.12 1.57 0.00	45.77 1.37 0.00
NYPA____HOLTSVILL 23794	37.11 0.80 0.00	34.24 0.79 0.00	41.03 0.53 0.00	37.29 0.33 0.00	34.77 -0.20 0.00	39.41 -0.71 0.00	49.71 -1.14 7.23	65.66 -0.71 8.57	43.96 -1.16 46.50	24.25 -0.11 20.10	44.57 -0.37 1.59	38.91 -0.03 4.43	41.11 -0.24 2.97	35.62 -0.10 8.00	29.27 0.55 12.90	39.57 0.55 2.42	43.76 0.45 4.35	36.88 1.23 21.75	72.95 0.76 35.60	66.30 0.70 30.01	43.78 0.49 19.19	35.54 0.73 14.41	36.60 1.04 8.97	50.34 1.52 -4.42
NYPA____HELLGATE_GT1 24158	37.14 0.83 0.01	34.26 0.81 0.01	41.19 0.70 0.01	37.82 0.86 0.00	35.82 0.85 0.00	40.86 0.73 0.00	59.05 0.97 0.00	76.96 2.02 0.00	94.13 2.52 0.00	45.86 1.39 0.00	47.78 1.26 0.00	44.81 1.44 0.00	45.64 1.32 0.00	45.15 1.43 0.00	43.32 1.70 0.00	43.09 1.65 0.00	49.37 1.72 0.00	59.43 2.04 0.00	111.43 3.64 0.00	98.78 3.17 0.00	64.43 1.95 0.00	50.52 1.31 0.00	45.97 1.44 0.00	45.66 1.26 0.00
NYPA____HELLGATE_GT2 24159	37.14 0.83 0.01	34.26 0.81 0.01	41.19 0.70 0.01	37.82 0.86 0.00	35.82 0.85 0.00	40.86 0.73 0.00	59.05 0.97 0.00	76.96 2.02 0.00	94.13 2.52 0.00	45.86 1.39 0.00	47.78 1.26 0.00	44.81 1.44 0.00	45.64 1.32 0.00	45.15 1.43 0.00	43.32 1.70 0.00	43.09 1.65 0.00	49.37 1.72 0.00	59.43 2.04 0.00	111.43 3.64 0.00	98.78 3.17 0.00	64.43 1.95 0.00	50.52 1.31 0.00	45.97 1.44 0.00	45.66 1.26 0.00
NYS_BARGE____HYD 23848	36.76 0.44 0.00	33.69 0.23 0.00	40.86 0.36 0.00	37.30 0.34 0.00	35.26 0.30 0.00	40.58 0.45 0.00	58.28 0.19 0.00	73.99 -0.96 0.00	90.43 -1.19 0.00	45.06 0.60 0.00	48.03 1.51 0.00	46.37 0.82 -2.17	45.56 1.24 0.00	44.82 1.10 0.00	42.54 0.92 0.00	42.10 0.65 0.00	47.42 -0.24 0.00	55.39 -2.01 0.00	102.72 -5.07 0.00	89.64 -5.96 0.00	58.26 -4.23 0.00	46.01 -3.20 0.00	42.67 -1.87 0.00	44.22 -0.19 0.00
OAK ORCHARD____HYD 24046	36.66 0.35 0.00	33.66 0.21 0.00	40.78 0.28 0.00	37.21 0.25 0.00	35.20 0.24 0.00	40.57 0.44 0.00	58.75 0.67 0.00	75.35 0.40 0.00	92.03 0.42 0.00	45.22 0.75 0.00	47.73 1.21 0.00	46.97 0.80 -2.79	45.35 1.03 0.00	44.68 0.95 0.00	42.48 0.85 0.00	42.10 0.66 0.00	48.01 0.35 0.00	57.14 -0.25 0.00	106.82 -0.97 0.00	93.86 -1.75 0.00	61.11 -1.37 0.00	48.14 -1.07 0.00	43.94 -0.60 0.00	44.53 0.13 0.00

OAKDALE___35_KV_LOAD 356122	36.47 0.16 0.00	33.52 0.06 0.00	40.74 0.24 0.00	37.17 0.21 0.00	35.15 0.18 0.00	40.35 0.22 0.00	58.12 0.04 0.00	74.97 0.02 0.00	91.72 0.11 0.00	44.69 0.22 0.00	46.98 0.46 0.00	47.84 0.45 -4.01	44.82 0.50 0.00	44.19 0.47 0.00	42.05 0.43 0.00	41.76 0.32 0.00	47.82 0.16 0.00	57.57 0.17 0.00	108.17 0.38 0.00	95.57 -0.04 0.00	62.34 -0.14 0.00	49.11 -0.10 0.00	44.63 0.08 0.00	44.65 0.24 0.00
OCC_CHEM___DRP 24175	36.42 0.11 0.00	33.40 -0.06 0.00	40.50 0.00 0.00	36.98 0.02 0.00	34.93 -0.04 0.00	40.29 0.16 0.00	57.92 -0.16 0.00	73.14 -1.81 0.00	89.08 -2.53 0.00	44.41 -0.05 0.00	47.60 1.08 0.00	45.84 0.49 -1.97	45.36 1.04 0.00	44.60 0.87 0.00	42.27 0.65 0.00	41.86 0.42 0.00	47.10 -0.56 0.00	54.67 -2.72 0.00	100.97 -6.82 0.00	88.03 -7.58 0.00	57.22 -5.26 0.00	45.23 -3.98 0.00	42.15 -2.39 0.00	43.85 -0.56 0.00
OH_GEN_PROXY 24063	36.40 0.09 0.00	33.39 -0.07 0.00	40.51 0.01 0.00	36.97 0.01 0.00	34.92 -0.05 0.00	39.27 0.15 1.00	58.10 -0.14 -0.16	73.50 -1.45 0.00	89.73 -1.88 0.00	44.63 0.17 0.00	47.58 1.06 0.00	45.79 0.51 -1.91	45.31 0.99 0.00	44.55 0.82 0.00	42.26 0.64 0.00	41.83 0.39 0.00	47.13 -0.53 0.00	55.08 -2.31 0.00	102.16 -5.63 0.00	89.14 -6.46 0.00	57.95 -4.53 0.00	45.76 -3.46 0.00	42.35 -2.19 0.00	43.85 -0.55 0.00
OLIN_CORP_DRP 24177	36.36 0.04 0.00	33.32 -0.14 0.00	40.43 -0.07 0.00	36.90 -0.06 0.00	34.89 -0.08 0.00	40.11 -0.02 0.00	57.51 -0.57 0.00	72.88 -2.07 0.00	89.14 -2.47 0.00	44.46 -0.01 0.00	47.40 0.88 0.00	45.73 0.31 -2.04	45.05 0.73 0.00	44.31 0.58 0.00	42.02 0.40 0.00	41.59 0.15 0.00	46.82 -0.84 0.00	54.56 -2.83 0.00	101.07 -6.73 0.00	88.14 -7.47 0.00	57.29 -5.19 0.00	45.28 -3.93 0.00	42.06 -2.48 0.00	43.70 -0.70 0.00
OLIN_CORP_DSASP 323712	36.42 0.11 0.00	33.40 -0.06 0.00	40.51 0.01 0.00	36.98 0.02 0.00	34.93 -0.04 0.00	40.29 0.16 0.00	57.93 -0.15 0.00	73.15 -1.80 0.00	89.07 -2.54 0.00	44.42 -0.05 0.00	47.60 1.08 0.00	45.77 0.42 -1.97	45.33 1.01 0.00	44.57 0.84 0.00	42.26 0.64 0.00	41.86 0.41 0.00	47.09 -0.57 0.00	54.67 -2.73 0.00	100.96 -6.83 0.00	88.02 -7.59 0.00	57.23 -5.25 0.00	45.23 -3.98 0.00	42.15 -2.39 0.00	43.85 -0.56 0.00
ONEIDA_HERK_LFGE 323681	37.47 1.15 0.00	34.51 1.05 0.00	41.85 1.35 0.00	38.29 1.33 0.00	36.21 1.24 0.00	41.67 1.54 0.00	60.68 2.59 0.00	78.30 3.35 0.00	95.47 3.86 0.00	46.07 1.61 0.00	47.79 1.27 0.00	44.24 0.87 0.00	44.73 0.41 0.00	44.17 0.45 0.00	42.03 0.41 0.00	41.99 0.54 0.00	48.51 0.85 0.00	59.07 1.68 0.00	111.68 3.89 0.00	98.89 3.29 0.00	64.69 2.21 0.00	51.01 1.79 0.00	46.04 1.50 0.00	45.81 1.41 0.00
ONEIDA___115KV_TB4 55905	37.37 1.05 0.00	34.38 0.92 0.00	41.69 1.19 0.00	38.11 1.15 0.00	36.03 1.07 0.00	41.44 1.31 0.00	60.28 2.20 0.00	77.83 2.88 0.00	94.99 3.38 0.00	45.90 1.44 0.00	47.84 1.32 0.00	44.26 0.89 0.00	44.86 0.54 0.00	44.23 0.51 0.00	42.12 0.50 0.00	42.12 0.68 0.00	48.61 0.95 0.00	58.91 1.51 0.00	111.35 3.56 0.00	98.54 2.94 0.00	64.41 1.93 0.00	50.73 1.52 0.00	45.86 1.32 0.00	45.65 1.25 0.00
ONONDAGA_REF_OCCRA 23987	36.16 -0.16 0.00	33.24 -0.22 0.00	40.31 -0.19 0.00	36.78 -0.18 0.00	34.80 -0.17 0.00	39.94 -0.19 0.00	57.83 -0.25 0.00	74.63 -0.32 0.00	91.19 -0.42 0.00	44.29 -0.17 0.00	46.27 -0.25 0.00	44.13 -0.30 -1.06	44.08 -0.24 0.00	43.46 -0.27 0.00	41.38 -0.24 0.00	41.20 -0.25 0.00	47.35 -0.30 0.00	57.12 -0.27 0.00	107.45 -0.34 0.00	95.05 -0.56 0.00	62.05 -0.43 0.00	48.92 -0.30 0.00	44.31 -0.24 0.00	44.23 -0.17 0.00
ONONDAGA___COGEN 23986	36.10 -0.21 0.00	33.20 -0.26 0.00	40.24 -0.25 0.00	36.73 -0.23 0.00	34.76 -0.21 0.00	39.91 -0.22 0.00	57.78 -0.30 0.00	74.55 -0.40 0.00	91.03 -0.58 0.00	44.21 -0.25 0.00	46.21 -0.31 0.00	43.95 -0.38 -0.95	44.04 -0.27 0.00	43.41 -0.32 0.00	41.37 -0.25 0.00	41.16 -0.28 0.00	47.34 -0.32 0.00	57.10 -0.29 0.00	107.28 -0.51 0.00	94.89 -0.71 0.00	61.97 -0.52 0.00	48.84 -0.38 0.00	44.24 -0.30 0.00	44.17 -0.23 0.00
ONTARIO___LFGE 23819	36.65 0.34 0.00	33.63 0.17 0.00	40.85 0.35 0.00	37.34 0.38 0.00	35.36 0.39 0.00	40.68 0.55 0.00	58.71 0.63 0.00	75.65 0.71 0.00	92.11 0.50 0.00	45.09 0.63 0.00	47.22 0.70 0.00	44.38 0.40 -0.61	44.77 0.45 0.00	44.19 0.47 0.00	42.08 0.46 0.00	41.74 0.29 0.00	47.88 0.22 0.00	57.68 0.29 0.00	108.27 0.48 0.00	95.43 -0.18 0.00	62.23 -0.25 0.00	48.99 -0.23 0.00	44.52 -0.02 0.00	44.71 0.31 0.00
ORANGEVILLE_WT_PWR 323706	36.42 0.11 0.00	33.43 -0.03 0.00	40.72 0.22 0.00	37.27 0.31 0.00	35.28 0.32 0.00	40.73 0.60 0.00	58.61 0.53 0.00	74.83 -0.11 0.00	91.31 -0.30 0.00	45.16 0.70 0.00	47.98 1.46 0.00	46.44 0.91 -2.16	45.48 1.16 0.00	44.82 1.10 0.00	42.58 0.96 0.00	42.16 0.72 0.00	47.71 0.05 0.00	56.48 -0.92 0.00	105.44 -2.35 0.00	92.26 -3.34 0.00	60.02 -2.47 0.00	47.29 -1.93 0.00	43.48 -1.06 0.00	44.55 0.15 0.00
ORANGEVILLE___ESR 323794	36.42 0.11 0.00	33.43 -0.03 0.00	40.72 0.22 0.00	37.27 0.31 0.00	35.28 0.32 0.00	40.73 0.60 0.00	58.61 0.53 0.00	74.83 -0.11 0.00	91.31 -0.30 0.00	45.16 0.70 0.00	47.98 1.46 0.00	46.44 0.91 -2.16	45.48 1.16 0.00	44.82 1.10 0.00	42.58 0.96 0.00	42.16 0.72 0.00	47.71 0.05 0.00	56.48 -0.92 0.00	105.44 -2.35 0.00	92.26 -3.34 0.00	60.02 -2.47 0.00	47.29 -1.93 0.00	43.48 -1.06 0.00	44.55 0.15 0.00
OSWEGATCHIE___HYD 24044	37.73 1.41 0.00	34.75 1.29 0.00	42.19 1.70 0.00	38.63 1.67 0.00	36.56 1.59 0.00	41.98 1.86 0.00	61.07 2.99 0.00	78.77 3.82 0.00	95.73 4.12 0.00	46.16 1.69 0.00	47.63 1.11 0.00	44.10 0.72 0.00	44.79 0.47 0.00	44.22 0.50 0.00	41.99 0.37 0.00	41.96 0.51 0.00	48.42 0.76 0.00	59.00 1.60 0.00	111.54 3.75 0.00	98.97 3.36 0.00	65.04 2.56 0.00	51.52 2.31 0.00	46.44 1.90 0.00	46.21 1.82 0.00
OSWEGO___5 23606	35.56 -0.75 0.00	32.72 -0.73 0.00	39.65 -0.85 0.00	36.19 -0.77 0.00	34.24 -0.73 0.00	39.30 -0.82 0.00	56.88 -1.21 0.00	73.37 -1.59 0.00	89.65 -1.96 0.00	43.58 -0.89 0.00	45.59 -0.93 0.00	42.44 -0.94 0.00	43.40 -0.91 0.00	42.80 -0.92 0.00	40.75 -0.87 0.00	40.56 -0.89 0.00	46.61 -1.05 0.00	56.13 -1.27 0.00	105.41 -2.38 0.00	93.32 -2.29 0.00	60.93 -1.56 0.00	48.02 -1.20 0.00	43.52 -1.02 0.00	43.45 -0.95 0.00
OSWEGO___6 23613	35.56 -0.75 0.00	32.72 -0.73 0.00	39.65 -0.85 0.00	36.19 -0.77 0.00	34.24 -0.73 0.00	39.30 -0.82 0.00	56.88 -1.21 0.00	73.37 -1.59 0.00	89.65 -1.96 0.00	43.58 -0.89 0.00	45.59 -0.93 0.00	42.44 -0.94 0.00	43.40 -0.91 0.00	42.80 -0.92 0.00	40.75 -0.87 0.00	40.56 -0.89 0.00	46.61 -1.05 0.00	56.13 -1.27 0.00	105.41 -2.38 0.00	93.32 -2.29 0.00	60.93 -1.56 0.00	48.02 -1.20 0.00	43.52 -1.02 0.00	43.45 -0.95 0.00

OUTOKUMPU-AB___DRP 24206	36.96 0.64 0.00	33.88 0.43 0.00	41.09 0.59 0.00	37.52 0.56 0.00	35.47 0.50 0.00	40.88 0.75 0.00	58.79 0.71 0.00	74.57 -0.38 0.00	91.05 -0.56 0.00	45.32 0.86 0.00	48.41 1.89 0.00	46.70 1.27 -2.05	46.05 1.73 0.00	45.28 1.55 0.00	42.95 1.33 0.00	42.50 1.06 0.00	47.85 0.19 0.00	55.83 -1.57 0.00	103.57 -4.22 0.00	90.33 -5.28 0.00	58.70 -3.78 0.00	46.34 -2.87 0.00	42.99 -1.56 0.00	44.51 0.11 0.00
OXBOW___BTM 323836	36.66 0.35 0.00	33.62 0.16 0.00	40.76 0.26 0.00	37.22 0.26 0.00	35.17 0.20 0.00	40.55 0.42 0.00	58.31 0.23 0.00	73.82 -1.13 0.00	89.97 -1.64 0.00	44.85 0.39 0.00	47.99 1.47 0.00	46.18 0.80 -2.01	45.65 1.33 0.00	44.90 1.18 0.00	42.58 0.96 0.00	42.17 0.72 0.00	47.45 -0.21 0.00	55.22 -2.18 0.00	102.20 -5.59 0.00	89.13 -6.48 0.00	57.93 -4.55 0.00	45.77 -3.45 0.00	42.54 -2.00 0.00	44.15 -0.26 0.00
OXBOW___ 24026	36.66 0.35 0.00	33.61 0.15 0.00	40.76 0.27 0.00	37.22 0.26 0.00	35.17 0.20 0.00	40.54 0.41 0.00	58.32 0.24 0.00	73.82 -1.14 0.00	90.00 -1.61 0.00	44.85 0.38 0.00	47.99 1.47 0.00	46.25 0.87 -2.01	45.68 1.37 0.00	44.92 1.20 0.00	42.58 0.96 0.00	42.16 0.72 0.00	47.45 -0.21 0.00	55.23 -2.16 0.00	102.24 -5.55 0.00	89.13 -6.48 0.00	57.94 -4.55 0.00	45.76 -3.45 0.00	42.54 -2.00 0.00	44.14 -0.26 0.00
OXY_CHEM_DSASP 323612	36.42 0.11 0.00	33.40 -0.06 0.00	40.50 0.00 0.00	36.98 0.02 0.00	34.93 -0.04 0.00	40.29 0.16 0.00	57.92 -0.16 0.00	73.14 -1.81 0.00	89.08 -2.53 0.00	44.41 -0.05 0.00	47.60 1.08 0.00	45.84 0.49 -1.97	45.36 1.04 0.00	44.60 0.87 0.00	42.27 0.65 0.00	41.86 0.42 0.00	47.10 -0.56 0.00	54.67 -2.72 0.00	100.97 -6.82 0.00	88.03 -7.58 0.00	57.22 -5.26 0.00	45.23 -3.98 0.00	42.15 -2.39 0.00	43.85 -0.56 0.00
OZONE_PARK_ESR 323760	37.89 1.58 0.00	34.91 1.46 0.00	42.03 1.53 0.00	38.33 1.37 0.00	36.22 1.25 0.00	41.39 1.26 0.00	59.82 1.74 0.00	77.94 2.99 0.00	95.27 3.66 0.00	46.43 1.96 0.00	48.46 1.94 0.00	45.43 2.06 0.00	46.30 1.98 0.00	45.79 2.07 0.00	43.91 2.29 0.00	43.74 2.30 0.00	50.14 2.48 0.00	60.34 2.94 0.00	112.87 5.08 0.00	99.95 4.35 0.00	65.21 2.73 0.00	51.46 2.24 0.00	46.58 2.04 0.00	46.23 1.82 0.00
PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	36.42 0.11 0.00	33.40 -0.06 0.00	40.50 0.00 0.00	36.98 0.02 0.00	34.93 -0.04 0.00	40.29 0.16 0.00	57.92 -0.16 0.00	73.14 -1.81 0.00	89.08 -2.53 0.00	44.41 -0.05 0.00	47.60 1.08 0.00	45.84 0.49 -1.97	45.36 1.04 0.00	44.60 0.87 0.00	42.27 0.65 0.00	41.86 0.42 0.00	47.10 -0.56 0.00	54.67 -2.72 0.00	100.97 -6.82 0.00	88.03 -7.58 0.00	57.22 -5.26 0.00	45.23 -3.98 0.00	42.15 -2.39 0.00	43.85 -0.56 0.00
PACKARD___115KV_DUPONT_184 80571	36.42 0.11 0.00	33.40 -0.06 0.00	40.50 0.00 0.00	36.98 0.02 0.00	34.93 -0.04 0.00	40.29 0.16 0.00	57.92 -0.16 0.00	73.14 -1.81 0.00	89.08 -2.53 0.00	44.41 -0.05 0.00	47.60 1.08 0.00	45.84 0.49 -1.97	45.36 1.04 0.00	44.60 0.87 0.00	42.27 0.65 0.00	41.86 0.42 0.00	47.10 -0.56 0.00	54.67 -2.73 0.00	100.96 -6.83 0.00	88.02 -7.59 0.00	57.23 -5.25 0.00	45.23 -3.98 0.00	42.15 -2.39 0.00	43.85 -0.56 0.00
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	37.23 0.91 0.00	34.34 0.88 0.00	41.29 0.79 0.00	37.94 0.98 0.00	35.93 0.97 0.00	40.97 0.84 0.00	59.18 1.09 0.00	77.08 2.13 0.00	94.26 2.65 0.00	45.93 1.47 0.00	47.88 1.36 0.00	44.88 1.50 0.00	45.74 1.42 0.00	45.24 1.51 0.00	43.39 1.77 0.00	43.17 1.73 0.00	49.46 1.80 0.00	59.52 2.13 0.00	111.62 3.83 0.00	98.91 3.30 0.00	64.57 2.09 0.00	50.97 1.76 0.00	46.13 1.59 0.00	45.75 1.35 0.00
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	37.94 1.63 0.00	35.02 1.56 0.00	42.16 1.66 0.00	38.72 1.76 0.00	36.69 1.73 0.00	41.90 1.78 0.00	60.52 2.43 0.00	78.86 3.91 0.00	96.45 4.84 0.00	46.93 2.47 0.00	48.91 2.39 0.00	45.80 2.42 0.00	46.66 2.34 0.00	46.13 2.40 0.00	44.24 2.62 0.00	44.01 2.56 0.00	50.43 2.77 0.00	60.57 3.18 0.00	113.78 5.99 0.00	100.77 5.16 0.00	65.77 3.29 0.00	51.85 2.64 0.00	46.93 2.39 0.00	46.64 2.24 0.00
PATROON___115KV_TB1 80586	36.34 0.02 0.00	33.58 0.12 0.00	40.48 -0.02 0.00	36.94 -0.02 0.00	35.02 0.05 0.00	40.03 -0.10 0.00	57.87 -0.21 0.00	74.88 -0.07 0.00	91.63 0.02 0.00	44.21 -0.26 0.00	46.10 -0.42 0.00	43.05 -0.33 0.00	44.23 -0.09 0.00	43.63 -0.09 0.00	41.61 -0.01 0.00	41.44 -0.01 0.00	47.86 0.20 0.00	57.79 0.39 0.00	108.41 0.61 0.00	96.22 0.62 0.00	63.00 0.52 0.00	49.58 0.37 0.00	44.80 0.26 0.00	44.46 0.06 0.00
PATTRSNVILLE___SOLAR 323815	37.11 0.79 0.00	34.18 0.72 0.00	41.36 0.86 0.00	37.74 0.78 0.00	35.73 0.77 0.00	40.99 0.86 0.00	59.52 1.44 0.00	76.88 1.93 0.00	93.13 1.51 0.00	44.52 0.06 0.00	46.52 0.00 1.42	42.00 0.04 0.00	44.45 0.13 0.00	43.82 0.09 0.00	41.69 0.07 0.00	41.55 0.11 0.00	48.08 0.42 0.00	58.56 1.17 0.00	110.44 2.65 0.00	98.09 2.48 0.00	64.10 1.62 0.00	50.44 1.23 0.00	45.60 1.05 0.00	45.35 0.95 0.00
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	36.80 0.49 0.00	33.72 0.26 0.00	40.97 0.48 0.00	37.40 0.44 0.00	35.34 0.37 0.00	40.79 0.66 0.00	58.66 0.58 0.00	74.75 -0.20 0.00	91.40 -0.21 0.00	45.31 0.84 0.00	48.26 1.74 0.00	46.70 1.27 -2.05	45.96 1.64 0.00	45.17 1.44 0.00	42.84 1.23 0.00	42.38 0.94 0.00	47.82 0.16 0.00	56.16 -1.23 0.00	104.58 -3.22 0.00	91.34 -4.27 0.00	59.39 -3.09 0.00	46.82 -2.40 0.00	43.17 -1.37 0.00	44.43 0.03 0.00
PAWLING_115_KV_BK3_REV_LBMP_H 345028	37.62 1.31 0.00	34.65 1.19 0.00	41.81 1.31 0.00	38.09 1.13 0.00	36.00 1.03 0.00	41.17 1.04 0.00	59.62 1.54 0.00	77.54 2.59 0.00	94.74 3.13 0.00	46.00 1.53 0.00	47.97 1.45 0.00	44.90 1.52 0.00	45.76 1.44 0.00	45.25 1.52 0.00	43.30 1.68 0.00	43.13 1.69 0.00	49.57 1.91 0.00	59.80 2.41 0.00	112.25 4.46 0.00	99.53 3.92 0.00	64.97 2.49 0.00	51.20 1.99 0.00	46.32 1.78 0.00	45.98 1.57 0.00
PEEKSKILL___ 23653	37.34 1.02 0.00	34.40 0.94 0.00	41.49 0.99 0.00	37.81 0.85 0.00	35.72 0.75 0.00	40.81 0.68 0.00	59.10 1.01 0.00	76.80 1.85 0.00	93.88 2.27 0.00	45.59 1.12 0.00	47.62 1.10 0.00	44.63 1.25 0.00	45.48 1.16 0.00	44.98 1.26 0.00	43.07 1.44 0.00	42.86 1.42 0.00	49.21 1.55 0.00	59.32 1.93 0.00	111.30 3.51 0.00	98.61 3.00 0.00	64.36 1.88 0.00	50.75 1.53 0.00	45.92 1.38 0.00	45.61 1.21 0.00
PGE MADISON___WINDPWR 24146	38.14 1.83 0.00	35.14 1.69 0.00	42.85 2.35 0.00	39.14 2.18 0.00	37.16 2.19 0.00	42.87 2.74 0.00	62.62 4.54 0.00	80.89 5.94 0.00	98.36 6.75 0.00	47.79 3.32 0.00	49.82 3.30 0.00	64.89 2.83 -18.69	46.15 1.83 0.00	45.50 1.78 0.00	43.36 1.75 0.00	43.04 1.60 0.00	49.81 2.15 0.00	60.90 3.50 0.00	115.21 7.42 0.00	101.77 6.16 0.00	66.53 4.05 0.00	52.52 3.30 0.00	47.61 3.07 0.00	47.44 3.04 0.00

PIERCEFIELD___HYD 23852	37.66 1.35 0.00	34.68 1.22 0.00	42.03 1.54 0.00	38.43 1.47 0.00	36.34 1.37 0.00	41.69 1.56 0.00	60.45 2.37 0.00	77.87 2.92 0.00	94.63 3.02 0.00	45.76 1.30 0.00	47.70 1.18 0.00	44.32 0.94 0.00	45.22 0.90 0.00	44.60 0.88 0.00	42.36 0.74 0.00	42.24 0.80 0.00	48.74 1.08 0.00	58.80 1.41 0.00	110.39 2.60 0.00	98.31 2.70 0.00	64.80 2.32 0.00	51.29 2.08 0.00	46.26 1.72 0.00	46.04 1.64 0.00
PINELAWN_CC_1 323563	37.51 1.20 0.00	34.59 1.13 0.00	41.52 1.03 0.00	37.70 0.74 0.00	35.18 0.22 0.00	39.97 -0.16 0.00	53.28 -0.11 4.69	72.16 0.65 3.45	78.73 0.61 13.50	43.25 0.63 1.85	46.62 0.43 0.33	43.38 0.67 0.67	44.54 0.49 0.27	43.86 0.60 0.47	41.95 0.95 0.62	41.04 0.71 1.11	46.78 0.50 1.38	50.55 0.93 7.78	95.39 0.70 13.11	85.09 0.78 11.30	55.67 0.75 7.57	44.28 0.92 5.86	43.17 1.35 2.73	51.16 1.72 -5.03
PJM_GEN_HTTP_PROXY 323702	37.56 1.24 0.00	34.60 1.15 0.00	41.68 1.18 0.00	38.00 1.05 0.00	35.57 0.94 0.34	41.49 0.90 -0.47	59.25 1.17 0.00	77.11 2.16 0.00	64.55 2.71 29.77	45.95 1.49 0.00	47.98 1.46 0.00	45.00 1.62 0.00	45.86 1.54 0.00	45.35 1.63 0.00	43.47 1.85 0.00	43.30 1.85 0.00	49.62 1.96 0.00	59.74 2.34 0.00	111.84 4.05 0.00	99.02 3.41 0.00	64.64 2.15 0.00	51.00 1.79 0.00	46.17 1.62 0.00	45.25 1.43 0.59
PJM_GEN_KEystone 24065	36.68 0.36 0.00	32.75 0.25 0.96	40.87 0.38 0.00	37.29 0.33 0.00	34.88 0.26 0.34	39.29 0.25 1.08	58.63 0.11 -0.43	86.13 0.05 -11.13	33.50 0.08 58.19	44.80 0.33 0.00	47.32 0.81 0.00	44.36 0.75 -0.24	45.17 0.85 0.00	44.55 0.83 0.00	42.47 0.85 0.00	42.11 0.66 0.00	47.95 0.29 0.00	57.33 -0.07 -0.79	108.29 -0.29 0.00	94.65 -0.95 0.00	61.60 -0.88 0.00	48.65 -0.57 0.00	44.49 -0.05 0.00	44.12 0.31 0.59
PJM_GEN_NEPTUNE_PROXY 323594	37.41 1.10 0.00	34.48 1.03 0.00	41.43 0.93 0.00	37.64 0.68 0.00	34.87 0.24 0.34	40.51 -0.08 -0.47	58.00 -0.08 0.00	75.53 0.58 0.00	53.83 0.62 38.40	45.11 0.65 0.00	47.04 0.52 0.00	44.18 0.80 0.00	44.99 0.67 0.00	44.51 0.78 0.00	42.86 1.24 0.00	42.54 1.10 0.00	48.73 1.07 0.00	59.04 1.64 0.00	109.80 2.01 0.00	97.51 1.91 0.00	63.78 1.29 0.00	50.44 1.22 0.00	45.79 1.25 0.00	49.42 1.48 -3.53
PJM_GEN_VFT_PROXY 323633	37.39 1.07 0.00	34.46 1.00 0.00	41.47 0.97 0.00	37.83 0.87 0.00	35.41 0.78 0.34	41.30 0.70 -0.47	58.97 0.89 0.00	76.85 1.90 0.00	64.15 2.31 29.77	45.78 1.32 0.00	47.78 1.27 0.00	44.82 1.44 0.00	45.66 1.34 0.00	45.17 1.45 0.00	43.33 1.71 0.00	43.17 1.72 0.00	49.45 1.79 0.00	59.47 2.08 0.00	111.32 3.52 0.00	98.58 2.98 0.00	64.34 1.86 0.00	50.79 1.57 0.00	45.98 1.44 0.00	45.04 1.22 0.59
PLATSBURG_115KV_PMLD1 355749	37.15 0.84 0.00	34.26 0.80 0.00	41.52 1.02 0.00	37.86 0.90 0.00	35.82 0.86 0.00	41.24 1.11 0.00	59.79 1.71 0.00	77.28 2.33 0.00	94.19 2.58 0.00	45.51 1.05 0.00	47.58 1.06 0.00	44.20 0.83 0.00	45.19 0.87 0.00	44.66 0.93 0.00	42.42 0.80 0.00	42.44 1.00 0.00	48.80 1.15 0.00	58.58 1.19 0.00	110.09 2.30 0.00	97.97 2.36 0.00	64.00 1.52 0.00	50.59 1.37 0.00	45.64 1.10 0.00	45.25 0.85 0.00
PLEASANTVLY___LBMP 24000	37.11 0.79 0.00	34.20 0.74 0.00	41.27 0.77 0.00	37.61 0.65 0.00	35.54 0.57 0.00	40.60 0.48 0.00	58.71 0.63 0.00	76.23 1.28 0.00	93.23 1.62 0.00	45.30 0.84 0.00	47.28 0.76 0.00	44.28 0.91 0.00	45.16 0.84 0.00	44.65 0.92 0.00	42.72 1.10 0.00	42.52 1.08 0.00	48.84 1.18 0.00	58.86 1.46 0.00	110.40 2.61 0.00	97.93 2.33 0.00	64.00 1.51 0.00	50.44 1.23 0.00	45.63 1.09 0.00	45.29 0.89 0.00
PLSNTVLE_13_KV_13.8KVDIST 80602	37.42 1.11 0.00	34.49 1.03 0.00	41.59 1.09 0.00	37.89 0.93 0.00	35.79 0.82 0.00	40.89 0.76 0.00	59.10 1.02 0.00	76.82 1.87 0.00	93.94 2.33 0.00	45.71 1.24 0.00	47.70 1.18 0.00	44.71 1.33 0.00	45.57 1.25 0.00	45.06 1.34 0.00	43.15 1.53 0.00	42.97 1.53 0.00	49.30 1.64 0.00	59.40 2.01 0.00	111.39 3.60 0.00	98.69 3.08 0.00	64.45 1.97 0.00	50.83 1.62 0.00	46.00 1.46 0.00	45.70 1.30 0.00
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	37.42 1.11 0.00	34.49 1.03 0.00	41.59 1.09 0.00	37.89 0.93 0.00	35.79 0.82 0.00	40.89 0.76 0.00	59.10 1.02 0.00	76.82 1.87 0.00	93.94 2.33 0.00	45.71 1.24 0.00	47.70 1.18 0.00	44.71 1.33 0.00	45.57 1.25 0.00	45.06 1.34 0.00	43.15 1.53 0.00	42.97 1.53 0.00	49.30 1.64 0.00	59.40 2.01 0.00	111.39 3.60 0.00	98.69 3.08 0.00	64.45 1.97 0.00	50.83 1.62 0.00	46.00 1.46 0.00	45.70 1.30 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	37.43 1.12 0.00	34.48 1.02 0.00	41.61 1.12 0.00	37.92 0.96 0.00	35.85 0.88 0.00	41.00 0.87 0.00	59.36 1.28 0.00	77.10 2.15 0.00	94.20 2.59 0.00	45.71 1.24 0.00	47.62 1.10 0.00	44.59 1.21 0.00	45.42 1.10 0.00	44.90 1.17 0.00	42.95 1.33 0.00	42.78 1.33 0.00	49.24 1.58 0.00	59.45 2.06 0.00	111.69 3.90 0.00	99.05 3.44 0.00	64.69 2.21 0.00	50.97 1.76 0.00	46.09 1.55 0.00	45.75 1.35 0.00
POLETTI_____ 23519	36.72 0.40 0.00	33.87 0.42 0.00	40.72 0.22 0.00	37.37 0.41 0.01	35.39 0.43 0.01	40.36 0.24 0.00	58.34 0.26 0.00	76.07 1.12 0.00	92.99 1.38 0.00	45.34 0.87 0.00	47.22 0.70 0.00	44.26 0.88 0.00	45.11 0.79 0.00	44.63 0.91 0.00	42.82 1.20 0.00	42.61 1.17 0.00	48.81 1.15 0.00	58.76 1.37 0.00	110.17 2.37 0.00	97.65 2.05 0.00	63.73 1.25 0.00	50.02 0.80 0.00	45.47 0.93 0.00	45.13 0.73 0.00
POMONA___ESR 323819	37.38 1.06 0.00	34.43 0.97 0.00	41.55 1.05 0.00	37.87 0.91 0.00	35.79 0.82 0.00	40.88 0.75 0.00	59.24 1.15 0.00	76.95 2.00 0.00	94.03 2.42 0.00	45.61 1.15 0.00	47.68 1.16 0.00	44.68 1.31 0.00	45.53 1.21 0.00	45.05 1.32 0.00	43.12 1.50 0.00	42.90 1.46 0.00	49.27 1.61 0.00	59.44 2.05 0.00	111.56 3.77 0.00	98.89 3.28 0.00	64.51 2.02 0.00	50.85 1.63 0.00	46.01 1.47 0.00	45.67 1.27 0.00
PORT_JEFF_3 23555	37.14 0.83 0.00	34.26 0.80 0.00	41.05 0.55 0.00	37.30 0.34 0.00	34.79 -0.18 0.00	39.36 -0.76 0.00	48.81 -1.29 7.98	64.83 -0.98 9.14	42.56 -1.50 47.55	23.80 -0.16 20.50	44.55 -0.33 1.64	38.82 0.00 4.55	41.09 -0.20 3.03	35.51 -0.08 8.13	29.10 0.57 13.09	39.45 0.58 2.57	43.75 0.43 4.34	36.75 1.12 21.77	72.30 0.15 35.65	65.72 0.18 30.07	43.37 0.15 19.27	35.27 0.54 14.48	36.56 0.95 8.93	50.33 1.50 -4.43
PORT_JEFF_4 23616	37.14 0.83 0.00	34.26 0.80 0.00	41.05 0.55 0.00	37.30 0.34 0.00	34.79 -0.18 0.00	39.36 -0.76 0.00	48.81 -1.29 7.98	64.83 -0.98 9.14	42.56 -1.50 47.55	23.80 -0.16 20.50	44.55 -0.33 1.64	38.82 0.00 4.55	41.09 -0.20 3.03	35.51 -0.08 8.13	29.10 0.57 13.09	39.45 0.58 2.57	43.75 0.43 4.34	36.75 1.12 21.77	72.30 0.15 35.65	65.72 0.18 30.07	43.37 0.15 19.27	35.27 0.54 14.48	36.56 0.95 8.93	50.33 1.50 -4.43

PORT_JEFF_IC 23713	37.20 0.89 0.00	34.32 0.86 0.00	41.12 0.62 0.00	37.35 0.39 0.00	34.82 -0.14 0.00	39.44 -0.69 0.00	46.34 -1.14 10.60	63.07 -0.77 11.10	38.86 -1.46 51.29	22.36 -0.16 21.94	44.43 -0.26 1.83	38.43 0.04 4.98	40.92 -0.16 3.24	35.10 -0.02 8.60	28.45 0.62 13.79	38.95 0.63 3.13	43.76 0.50 4.39	36.27 1.25 22.37	71.15 0.02 36.67	64.66 0.07 31.02	42.58 0.07 19.98	34.59 0.44 15.07	36.39 0.85 9.00	50.41 1.55 -4.46
PPL PILGRIM_ST_GT1 24216	37.53 1.22 0.00	34.60 1.14 0.00	41.50 1.00 0.00	37.68 0.72 0.00	35.11 0.15 0.00	39.86 -0.26 0.00	47.45 -0.15 10.48	68.05 0.60 7.50	72.19 0.49 19.91	41.32 0.60 3.75	46.22 0.34 0.64	42.60 0.53 1.31	44.15 0.38 0.54	43.24 0.51 1.00	41.71 1.46 1.37	39.62 1.29 3.11	44.13 0.98 4.50	36.21 1.77 22.95	72.25 2.11 37.65	65.64 1.89 31.85	43.23 1.28 20.53	34.95 1.23 15.48	36.66 1.35 9.23	50.81 1.83 -4.58
PPL PILGRIM_ST_GT2 24217	37.53 1.22 0.00	34.60 1.14 0.00	41.50 1.00 0.00	37.68 0.72 0.00	35.11 0.15 0.00	39.86 -0.26 0.00	47.45 -0.15 10.48	68.05 0.60 7.50	72.19 0.49 19.91	41.32 0.60 3.75	46.22 0.34 0.64	42.60 0.53 1.31	44.15 0.38 0.54	43.24 0.51 1.00	41.71 1.46 1.37	39.62 1.29 3.11	44.13 0.98 4.50	36.21 1.77 22.95	72.25 2.11 37.65	65.64 1.89 31.85	43.23 1.28 20.53	34.95 1.23 15.48	36.66 1.35 9.23	50.81 1.83 -4.58
PPL_SHRM_GT3 24213	36.77 0.45 0.00	33.92 0.46 0.00	40.62 0.12 0.00	36.92 -0.04 0.00	34.44 -0.53 0.00	39.03 -1.10 0.00	47.79 -1.66 8.64	64.06 -1.34 9.55	41.87 -1.91 47.82	23.42 -0.56 20.48	43.94 -0.92 1.66	38.25 -0.54 4.58	40.56 -0.74 3.02	35.02 -0.62 8.09	28.59 -0.03 13.00	38.88 0.14 2.71	43.45 0.13 4.34	36.54 1.01 21.86	72.50 0.52 35.82	65.86 0.49 30.24	43.42 0.34 19.40	35.24 0.62 14.60	36.55 0.93 8.92	50.20 1.36 -4.44
PPL_SHRM_GT4 24214	36.77 0.45 0.00	33.92 0.46 0.00	40.62 0.12 0.00	36.92 -0.04 0.00	34.44 -0.53 0.00	39.03 -1.10 0.00	47.79 -1.66 8.64	64.06 -1.34 9.55	41.87 -1.91 47.82	23.42 -0.56 20.48	43.94 -0.92 1.66	38.25 -0.54 4.58	40.56 -0.74 3.02	35.02 -0.62 8.09	28.59 -0.03 13.00	38.88 0.14 2.71	43.45 0.13 4.34	36.54 1.01 21.86	72.50 0.52 35.82	65.86 0.49 30.24	43.42 0.34 19.40	35.24 0.62 14.60	36.55 0.93 8.92	50.20 1.36 -4.44
PROJECT___ORANGE 1 24174	35.94 -0.38 0.00	33.04 -0.42 0.00	40.06 -0.44 0.00	36.55 -0.41 0.00	34.58 -0.39 0.00	39.67 -0.46 0.00	57.42 -0.66 0.00	74.11 -0.84 0.00	90.57 -1.04 0.00	44.01 -0.45 0.00	46.03 -0.49 0.00	43.65 -0.53 -0.80	43.88 -0.44 0.00	43.27 -0.45 0.00	41.20 -0.42 0.00	41.00 -0.45 0.00	47.12 -0.53 0.00	56.74 -0.66 0.00	106.63 -1.16 0.00	94.30 -1.30 0.00	61.58 -0.91 0.00	48.55 -0.66 0.00	43.98 -0.56 0.00	43.93 -0.47 0.00
PROJECT___ORANGE 2 24166	35.94 -0.38 0.00	33.04 -0.42 0.00	40.06 -0.44 0.00	36.55 -0.41 0.00	34.58 -0.39 0.00	39.67 -0.46 0.00	57.42 -0.66 0.00	74.11 -0.84 0.00	90.57 -1.04 0.00	44.01 -0.45 0.00	46.03 -0.49 0.00	43.65 -0.53 -0.80	43.88 -0.44 0.00	43.27 -0.45 0.00	41.20 -0.42 0.00	41.00 -0.45 0.00	47.12 -0.53 0.00	56.74 -0.66 0.00	106.63 -1.16 0.00	94.30 -1.30 0.00	61.58 -0.91 0.00	48.55 -0.66 0.00	43.98 -0.56 0.00	43.93 -0.47 0.00
PUCKETT___SOLAR 323809	36.70 0.38 0.00	33.78 0.32 0.00	41.10 0.61 0.00	37.50 0.54 0.00	35.52 0.55 0.00	40.81 0.68 0.00	59.00 0.92 0.00	76.18 1.23 0.00	92.92 1.31 0.00	45.25 0.78 0.00	47.48 0.96 0.00	54.54 0.91 -10.25	44.97 0.65 0.00	44.13 0.41 0.00	41.98 0.36 0.00	41.75 0.30 0.00	48.13 0.47 0.00	58.25 0.85 0.00	109.75 1.96 0.00	96.90 1.30 0.00	63.30 0.82 0.00	49.91 0.70 0.00	45.34 0.80 0.00	45.33 0.92 0.00
PYRITES___HYD 24023	38.24 1.92 0.00	35.22 1.76 0.00	42.68 2.18 0.00	39.02 2.06 0.00	36.90 1.93 0.00	42.41 2.28 0.00	61.75 3.67 0.00	79.46 4.51 0.00	96.15 4.54 0.00	46.01 1.55 0.00	47.86 1.34 0.00	44.48 1.11 0.00	45.40 1.08 0.00	44.78 1.06 0.00	42.52 0.90 0.00	42.38 0.94 0.00	49.09 1.43 0.00	59.47 2.08 0.00	112.50 4.71 0.00	100.17 4.57 0.00	65.83 3.35 0.00	51.98 2.77 0.00	46.87 2.33 0.00	46.64 2.24 0.00
QUAKERRD_115KV_BK1 80622	35.74 -0.57 0.00	32.84 -0.62 0.00	39.77 -0.72 0.00	36.30 -0.66 0.00	34.35 -0.62 0.00	39.54 -0.59 0.00	57.31 -0.77 0.00	73.61 -1.34 0.00	89.87 -1.74 0.00	44.06 -0.40 0.00	46.39 -0.13 0.00	42.26 -0.39 0.73	44.10 -0.22 0.00	43.41 -0.31 0.00	41.24 -0.38 0.00	40.92 -0.52 0.00	46.81 -0.85 0.00	55.86 -1.54 0.00	104.49 -3.30 0.00	91.96 -3.65 0.00	59.91 -2.58 0.00	47.19 -2.02 0.00	42.96 -1.58 0.00	43.39 -1.02 0.00
QUENSBRY_115KV_TB8 356137	37.55 1.24 0.00	34.65 1.19 0.00	41.92 1.42 0.00	38.17 1.21 0.00	36.12 1.16 0.00	41.45 1.32 0.00	60.38 2.29 0.00	78.38 3.43 0.00	95.10 3.49 0.00	44.88 0.42 0.00	46.56 0.04 0.77	42.45 -0.16 0.00	44.77 0.45 0.00	44.16 0.43 0.00	42.07 0.45 0.00	42.16 0.71 0.00	49.15 1.49 0.00	59.74 2.35 0.00	112.71 4.92 0.00	100.38 4.77 0.00	65.62 3.14 0.00	51.50 2.29 0.00	46.45 1.91 0.00	45.87 1.47 0.00
RAMAPO___LBMP 323565	37.25 0.94 0.00	34.32 0.86 0.00	41.43 0.93 0.00	37.77 0.80 0.00	35.68 0.71 0.00	40.76 0.63 0.00	59.13 1.05 0.00	76.79 1.85 0.00	93.82 2.21 0.00	45.49 1.03 0.00	47.55 1.03 0.00	44.54 1.17 0.00	45.39 1.07 0.00	44.91 1.18 0.00	42.98 1.36 0.00	42.75 1.31 0.00	49.10 1.44 0.00	59.26 1.87 0.00	111.26 3.47 0.00	98.57 2.96 0.00	64.26 1.78 0.00	50.67 1.45 0.00	45.84 1.30 0.00	45.54 1.13 0.00
RANKINE____ 23646	36.94 0.62 0.00	33.84 0.39 0.00	41.13 0.63 0.00	37.55 0.59 0.00	35.48 0.51 0.00	40.96 0.83 0.00	58.92 0.84 0.00	74.99 0.04 0.00	91.62 0.01 0.00	45.49 1.02 0.00	48.45 1.93 0.00	46.82 1.40 -2.04	46.10 1.78 0.00	45.33 1.61 0.00	43.01 1.39 0.00	42.57 1.13 0.00	48.00 0.34 0.00	56.28 -1.12 0.00	104.71 -3.08 0.00	91.45 -4.16 0.00	59.44 -3.05 0.00	46.86 -2.36 0.00	43.25 -1.29 0.00	44.58 0.18 0.00
RAVENSWOOD_GT2_1 24244	37.55 1.24 0.00	34.61 1.16 0.00	41.67 1.18 0.00	38.02 1.06 0.00	35.93 0.96 0.00	41.03 0.90 0.00	59.24 1.16 0.00	77.11 2.16 0.00	94.28 2.67 0.00	45.96 1.49 0.00	47.98 1.46 0.00	44.98 1.60 0.00	45.84 1.52 0.00	45.35 1.62 0.00	43.47 1.86 0.00	43.29 1.84 0.00	49.62 1.96 0.00	59.71 2.32 0.00	111.82 4.03 0.00	99.02 3.41 0.00	64.64 2.16 0.00	51.01 1.79 0.00	46.17 1.63 0.00	45.84 1.44 0.00
RAVENSWOOD_GT2_2 24245	37.55 1.24 0.00	34.61 1.16 0.00	41.67 1.18 0.00	38.02 1.06 0.00	35.93 0.96 0.00	41.03 0.90 0.00	59.24 1.16 0.00	77.11 2.16 0.00	94.28 2.67 0.00	45.96 1.49 0.00	47.98 1.46 0.00	44.98 1.60 0.00	45.84 1.52 0.00	45.35 1.62 0.00	43.47 1.86 0.00	43.29 1.84 0.00	49.62 1.96 0.00	59.71 2.32 0.00	111.82 4.03 0.00	99.02 3.41 0.00	64.64 2.16 0.00	51.01 1.79 0.00	46.17 1.63 0.00	45.84 1.44 0.00

RAVENSWOOD_GT2_3 24246	37.57 1.26 0.00	34.62 1.17 0.00	41.68 1.19 0.00	38.04 1.08 0.00	35.94 0.97 0.00	41.04 0.91 0.00	59.28 1.20 0.00	77.18 2.23 0.00	94.34 2.73 0.00	45.98 1.51 0.00	48.00 1.48 0.00	45.01 1.63 0.00	45.86 1.55 0.00	45.38 1.66 0.00	43.50 1.88 0.00	43.32 1.88 0.00	49.65 1.99 0.00	59.74 2.35 0.00	111.88 4.09 0.00	99.09 3.49 0.00	64.67 2.19 0.00	51.03 1.81 0.00	46.20 1.66 0.00	45.86 1.46 0.00
RAVENSWOOD_GT2_4 24247	37.57 1.26 0.00	34.62 1.17 0.00	41.68 1.19 0.00	38.04 1.08 0.00	35.94 0.97 0.00	41.04 0.91 0.00	59.28 1.20 0.00	77.18 2.23 0.00	94.34 2.73 0.00	45.98 1.51 0.00	48.00 1.48 0.00	45.01 1.63 0.00	45.86 1.55 0.00	45.38 1.66 0.00	43.50 1.88 0.00	43.32 1.88 0.00	49.65 1.99 0.00	59.74 2.35 0.00	111.88 4.09 0.00	99.09 3.49 0.00	64.67 2.19 0.00	51.03 1.81 0.00	46.20 1.66 0.00	45.86 1.46 0.00
RAVENSWOOD_GT3_1 24248	37.56 1.24 0.00	34.61 1.16 0.00	41.67 1.18 0.00	38.03 1.07 0.00	35.93 0.96 0.00	41.03 0.90 0.00	59.24 1.16 0.00	77.12 2.17 0.00	94.32 2.71 0.00	45.96 1.49 0.00	47.98 1.46 0.00	44.99 1.61 0.00	45.85 1.54 0.00	45.35 1.63 0.00	43.48 1.87 0.00	43.31 1.86 0.00	49.63 1.97 0.00	59.71 2.32 0.00	111.84 4.05 0.00	99.02 3.41 0.00	64.65 2.16 0.00	51.01 1.80 0.00	46.18 1.64 0.00	45.85 1.45 0.00
RAVENSWOOD_GT3_2 24249	37.56 1.24 0.00	34.61 1.16 0.00	41.67 1.18 0.00	38.03 1.07 0.00	35.93 0.96 0.00	41.03 0.90 0.00	59.24 1.16 0.00	77.12 2.17 0.00	94.32 2.71 0.00	45.96 1.49 0.00	47.98 1.46 0.00	44.99 1.61 0.00	45.85 1.54 0.00	45.35 1.63 0.00	43.48 1.87 0.00	43.31 1.86 0.00	49.63 1.97 0.00	59.71 2.32 0.00	111.84 4.05 0.00	99.02 3.41 0.00	64.65 2.16 0.00	51.01 1.80 0.00	46.18 1.64 0.00	45.85 1.45 0.00
RAVENSWOOD_GT3_3 24250	37.61 1.30 0.00	34.66 1.20 0.00	41.73 1.23 0.00	38.08 1.12 0.00	35.97 1.01 0.00	41.08 0.95 0.00	59.35 1.26 0.00	77.26 2.31 0.00	94.46 2.85 0.00	46.04 1.58 0.00	48.07 1.55 0.00	45.06 1.69 0.00	45.93 1.61 0.00	45.43 1.71 0.00	43.56 1.94 0.00	43.37 1.93 0.00	49.71 2.05 0.00	59.82 2.42 0.00	112.02 4.23 0.00	99.19 3.59 0.00	64.76 2.28 0.00	51.09 1.88 0.00	46.25 1.71 0.00	45.92 1.51 0.00
RAVENSWOOD_GT3_4 24251	37.61 1.30 0.00	34.66 1.20 0.00	41.73 1.23 0.00	38.08 1.12 0.00	35.97 1.01 0.00	41.08 0.95 0.00	59.35 1.26 0.00	77.26 2.31 0.00	94.46 2.85 0.00	46.04 1.58 0.00	48.07 1.55 0.00	45.06 1.69 0.00	45.93 1.61 0.00	45.43 1.71 0.00	43.56 1.94 0.00	43.37 1.93 0.00	49.71 2.05 0.00	59.82 2.42 0.00	112.02 4.23 0.00	99.19 3.59 0.00	64.76 2.28 0.00	51.09 1.88 0.00	46.25 1.71 0.00	45.92 1.51 0.00
RAVENSWOOD_GT_1 23729	37.51 1.20 0.00	34.59 1.13 0.00	41.61 1.11 0.00	38.05 1.09 0.00	35.98 1.01 0.00	41.03 0.91 0.00	59.17 1.09 0.00	77.11 2.16 0.00	94.27 2.66 0.00	46.02 1.55 0.00	48.01 1.49 0.00	45.03 1.66 0.00	45.89 1.57 0.00	45.40 1.67 0.00	43.58 1.96 0.00	43.38 1.93 0.00	49.66 2.00 0.00	59.67 2.27 0.00	111.68 3.89 0.00	98.92 3.31 0.00	64.58 2.10 0.00	50.99 1.77 0.00	46.18 1.63 0.00	45.84 1.43 0.00
RAVENSWOOD_GT_10 24258	37.57 1.25 0.00	34.62 1.16 0.00	41.68 1.18 0.00	38.03 1.07 0.00	35.93 0.96 0.00	41.03 0.90 0.00	59.26 1.18 0.00	77.17 2.22 0.00	94.33 2.72 0.00	45.97 1.50 0.00	47.99 1.47 0.00	44.99 1.62 0.00	45.85 1.54 0.00	45.36 1.64 0.00	43.49 1.87 0.00	43.31 1.86 0.00	49.63 1.97 0.00	59.73 2.34 0.00	111.86 4.07 0.00	99.06 3.45 0.00	64.65 2.17 0.00	51.02 1.80 0.00	46.19 1.65 0.00	45.85 1.45 0.00
RAVENSWOOD_GT_11 24259	37.57 1.25 0.00	34.62 1.16 0.00	41.68 1.18 0.00	38.03 1.07 0.00	35.93 0.96 0.00	41.03 0.90 0.00	59.26 1.18 0.00	77.17 2.22 0.00	94.33 2.72 0.00	45.97 1.50 0.00	47.99 1.47 0.00	44.99 1.62 0.00	45.85 1.54 0.00	45.36 1.64 0.00	43.49 1.87 0.00	43.31 1.86 0.00	49.63 1.97 0.00	59.73 2.34 0.00	111.86 4.07 0.00	99.06 3.45 0.00	64.65 2.17 0.00	51.02 1.80 0.00	46.19 1.65 0.00	45.85 1.45 0.00
RAVENSWOOD_GT_4 24252	37.50 1.19 0.00	34.58 1.12 0.00	41.62 1.12 0.00	38.00 1.04 0.00	35.92 0.95 0.00	40.99 0.87 0.00	59.17 1.08 0.00	77.04 2.09 0.00	94.17 2.56 0.00	45.92 1.45 0.00	47.93 1.41 0.00	44.95 1.57 0.00	45.80 1.48 0.00	45.32 1.59 0.00	43.46 1.84 0.00	43.27 1.82 0.00	49.58 1.92 0.00	59.64 2.24 0.00	111.67 3.88 0.00	98.90 3.29 0.00	64.56 2.07 0.00	50.95 1.74 0.00	46.13 1.59 0.00	45.79 1.38 0.00
RAVENSWOOD_GT_5 24254	37.50 1.19 0.00	34.58 1.12 0.00	41.62 1.12 0.00	38.00 1.04 0.00	35.92 0.95 0.00	40.99 0.87 0.00	59.17 1.08 0.00	77.04 2.09 0.00	94.17 2.56 0.00	45.92 1.45 0.00	47.93 1.41 0.00	44.95 1.57 0.00	45.80 1.48 0.00	45.32 1.59 0.00	43.46 1.84 0.00	43.27 1.82 0.00	49.58 1.92 0.00	59.64 2.24 0.00	111.67 3.88 0.00	98.90 3.29 0.00	64.56 2.07 0.00	50.95 1.74 0.00	46.13 1.59 0.00	45.79 1.38 0.00
RAVENSWOOD_GT_6 24253	37.50 1.19 0.00	34.58 1.12 0.00	41.62 1.12 0.00	38.00 1.04 0.00	35.92 0.95 0.00	40.99 0.87 0.00	59.17 1.08 0.00	77.04 2.09 0.00	94.17 2.56 0.00	45.92 1.45 0.00	47.93 1.41 0.00	44.95 1.57 0.00	45.80 1.48 0.00	45.32 1.59 0.00	43.46 1.84 0.00	43.27 1.82 0.00	49.58 1.92 0.00	59.64 2.24 0.00	111.67 3.88 0.00	98.90 3.29 0.00	64.56 2.07 0.00	50.95 1.74 0.00	46.13 1.59 0.00	45.79 1.38 0.00
RAVENSWOOD_GT_7 24255	37.50 1.19 0.00	34.58 1.12 0.00	41.62 1.12 0.00	38.00 1.04 0.00	35.92 0.95 0.00	40.99 0.87 0.00	59.17 1.08 0.00	77.04 2.09 0.00	94.17 2.56 0.00	45.92 1.45 0.00	47.93 1.41 0.00	44.95 1.57 0.00	45.80 1.48 0.00	45.32 1.59 0.00	43.46 1.84 0.00	43.27 1.82 0.00	49.58 1.92 0.00	59.64 2.24 0.00	111.67 3.88 0.00	98.90 3.29 0.00	64.56 2.07 0.00	50.95 1.74 0.00	46.13 1.59 0.00	45.79 1.38 0.00
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	37.57 1.25 0.00	34.62 1.16 0.00	41.68 1.18 0.00	38.03 1.07 0.00	35.93 0.96 0.00	41.03 0.90 0.00	59.26 1.18 0.00	77.17 2.22 0.00	94.33 2.72 0.00	45.97 1.50 0.00	47.99 1.47 0.00	44.99 1.62 0.00	45.85 1.54 0.00	45.36 1.64 0.00	43.49 1.87 0.00	43.31 1.86 0.00	49.63 1.97 0.00	59.73 2.34 0.00	111.86 4.07 0.00	99.06 3.45 0.00	64.65 2.17 0.00	51.02 1.80 0.00	46.19 1.65 0.00	45.85 1.45 0.00
RAVENSWOOD_GT_9 24257	37.57 1.25 0.00	34.62 1.16 0.00	41.68 1.18 0.00	38.03 1.07 0.00	35.93 0.96 0.00	41.03 0.90 0.00	59.26 1.18 0.00	77.17 2.22 0.00	94.33 2.72 0.00	45.97 1.50 0.00	47.99 1.47 0.00	44.99 1.62 0.00	45.85 1.54 0.00	45.36 1.64 0.00	43.49 1.87 0.00	43.31 1.86 0.00	49.63 1.97 0.00	59.73 2.34 0.00	111.86 4.07 0.00	99.06 3.45 0.00	64.65 2.17 0.00	51.02 1.80 0.00	46.19 1.65 0.00	45.85 1.45 0.00

RAVENSWOOD___1 23533	37.44 1.13 0.00	34.54 1.08 0.00	41.54 1.04 0.00	37.98 1.03 0.00	35.92 0.95 0.00	40.96 0.83 0.00	59.07 0.98 0.00	76.95 2.00 0.00	94.09 2.48 0.00	45.91 1.45 0.00	47.90 1.38 0.00	44.96 1.58 0.00	45.79 1.47 0.00	45.31 1.58 0.00	43.46 1.85 0.00	43.27 1.83 0.00	49.55 1.89 0.00	59.57 2.17 0.00	111.53 3.73 0.00	98.74 3.14 0.00	64.48 2.00 0.00	50.89 1.68 0.00	46.08 1.54 0.00	45.74 1.34 0.00
RAVENSWOOD___2 23534	37.24 0.92 0.00	34.46 1.00 0.00	41.40 0.90 0.00	37.93 0.97 0.00	35.86 0.90 0.00	40.84 0.72 0.00	58.68 0.60 0.00	76.35 1.41 0.00	93.37 1.75 0.00	45.57 1.10 0.00	47.53 1.01 0.00	44.61 1.23 0.00	45.43 1.11 0.00	44.96 1.23 0.00	43.13 1.51 0.00	42.95 1.50 0.00	49.18 1.52 0.00	59.11 1.72 0.00	110.67 2.88 0.00	98.02 2.41 0.00	64.00 1.52 0.00	50.52 1.31 0.00	45.75 1.21 0.00	45.39 0.99 0.00
RAVENSWOOD___3 23535	37.56 1.25 0.00	34.61 1.16 0.00	41.68 1.18 0.00	38.03 1.07 0.00	35.93 0.96 0.00	41.03 0.90 0.00	59.25 1.17 0.00	77.12 2.17 0.00	94.33 2.72 0.00	45.96 1.50 0.00	47.98 1.46 0.00	45.00 1.63 0.00	45.86 1.54 0.00	45.36 1.63 0.00	43.49 1.87 0.00	43.31 1.87 0.00	49.63 1.97 0.00	59.72 2.32 0.00	111.84 4.05 0.00	99.03 3.42 0.00	64.64 2.16 0.00	51.01 1.79 0.00	46.19 1.65 0.00	45.85 1.45 0.00
RAVENSWOOD___4 23820	37.44 1.13 0.00	34.54 1.08 0.00	41.54 1.04 0.00	37.98 1.03 0.00	35.92 0.95 0.00	40.96 0.83 0.00	59.07 0.98 0.00	76.95 2.00 0.00	94.09 2.48 0.00	45.91 1.45 0.00	47.90 1.38 0.00	44.96 1.58 0.00	45.79 1.47 0.00	45.31 1.58 0.00	43.46 1.85 0.00	43.27 1.83 0.00	49.55 1.89 0.00	59.57 2.17 0.00	111.53 3.73 0.00	98.74 3.14 0.00	64.48 2.00 0.00	50.89 1.68 0.00	46.08 1.54 0.00	45.74 1.34 0.00
RCPL_TRUST___DRP 24196	37.58 1.27 0.00	34.63 1.17 0.00	41.71 1.21 0.00	38.03 1.08 0.00	35.93 0.97 0.00	41.04 0.91 0.00	59.30 1.21 0.00	77.19 2.23 0.00	94.39 2.78 0.00	46.00 1.53 0.00	48.03 1.51 0.00	45.03 1.65 0.00	45.90 1.58 0.00	45.40 1.67 0.00	43.52 1.90 0.00	43.35 1.90 0.00	49.68 2.02 0.00	59.79 2.39 0.00	111.95 4.16 0.00	99.11 3.50 0.00	64.70 2.22 0.00	51.04 1.82 0.00	46.21 1.66 0.00	45.88 1.48 0.00
RED___ROCHESTER 323720	36.76 0.44 0.00	33.74 0.29 0.00	40.87 0.37 0.00	37.29 0.33 0.00	35.28 0.31 0.00	40.66 0.53 0.00	58.92 0.84 0.00	75.63 0.68 0.00	92.38 0.77 0.00	45.40 0.94 0.00	47.92 1.40 0.00	46.89 0.98 -2.54	45.57 1.25 0.00	44.94 1.21 0.00	42.72 1.10 0.00	42.34 0.90 0.00	48.32 0.66 0.00	57.50 0.10 0.00	107.55 -0.24 0.00	94.47 -1.13 0.00	61.51 -0.97 0.00	48.46 -0.75 0.00	44.21 -0.33 0.00	44.78 0.37 0.00
REGAN___SOLAR 323812	37.64 1.33 0.00	34.63 1.18 0.00	41.91 1.42 0.00	38.29 1.33 0.00	36.29 1.32 0.00	41.71 1.58 0.00	60.91 2.83 0.00	78.67 3.72 0.00	94.31 2.70 0.00	44.05 -0.41 0.00	45.94 -0.58 0.00	40.49 -0.59 2.30	43.92 -0.40 0.00	43.25 -0.48 0.00	41.17 -0.45 0.00	41.10 -0.34 0.00	47.88 0.22 0.00	59.23 1.84 0.00	112.23 4.44 0.00	99.68 4.08 0.00	65.06 2.57 0.00	51.17 1.96 0.00	46.23 1.69 0.00	45.99 1.59 0.00
RENSSELAER___COGEN 23796	36.18 -0.13 0.00	33.43 -0.03 0.00	40.31 -0.19 0.00	36.78 -0.18 0.00	34.87 -0.10 0.00	39.84 -0.29 0.00	57.54 -0.54 0.00	74.46 -0.49 0.00	91.16 -0.45 0.00	44.04 -0.42 0.00	45.94 -0.58 0.00	42.94 -0.43 0.00	44.01 -0.31 0.00	43.42 -0.31 0.00	41.38 -0.23 0.00	41.20 -0.25 0.00	47.52 -0.13 0.00	57.38 -0.01 0.00	107.75 -0.04 0.00	95.69 0.08 0.00	62.66 0.17 0.00	49.32 0.11 0.00	44.57 0.03 0.00	44.25 -0.15 0.00
REPUBLIC_115KV_BARTNBRK 55605	39.71 3.40 0.00	36.61 3.15 0.00	44.26 3.77 0.00	40.27 3.31 0.00	38.06 3.09 0.00	44.00 3.87 0.00	64.43 6.35 0.00	84.08 9.13 0.00	101.34 9.73 0.00	46.63 2.16 0.00	47.97 1.45 0.00	43.58 0.97 0.77	46.45 2.13 0.00	46.04 2.31 0.00	43.77 2.15 0.00	44.14 2.70 0.00	51.96 4.30 0.00	63.33 5.94 0.00	120.09 12.30 0.00	107.44 11.83 0.00	70.32 7.83 0.00	55.09 5.88 0.00	49.49 4.95 0.00	48.36 3.95 0.00
REVERE_CPPR_DRP 24186	37.80 1.49 0.00	34.78 1.32 0.00	42.18 1.68 0.00	38.61 1.65 0.00	36.46 1.49 0.00	41.96 1.84 0.00	61.20 3.12 0.00	78.94 3.99 0.00	96.34 4.73 0.00	46.45 1.98 0.00	48.43 1.91 0.00	44.68 1.31 0.00	45.06 0.74 0.00	44.46 0.74 0.00	42.34 0.72 0.00	42.36 0.92 0.00	48.97 1.31 0.00	59.56 2.16 0.00	112.67 4.88 0.00	99.70 4.09 0.00	65.20 2.71 0.00	51.37 2.16 0.00	46.37 1.83 0.00	46.12 1.71 0.00
REYNLDPA_13_KV_LD 356490	36.95 0.63 0.00	34.04 0.58 0.00	41.19 0.69 0.00	37.62 0.66 0.00	35.57 0.60 0.00	40.95 0.82 0.00	59.43 1.35 0.00	76.46 1.51 0.00	92.68 1.07 0.00	45.23 0.76 0.00	47.40 0.88 0.00	44.13 0.76 0.00	45.17 0.85 0.00	44.55 0.83 0.00	42.35 0.73 0.00	42.20 0.76 0.00	48.52 0.86 0.00	58.31 0.92 0.00	109.26 1.47 0.00	97.02 1.41 0.00	63.53 1.05 0.00	50.11 0.90 0.00	45.32 0.78 0.00	45.20 0.80 0.00
REYNOLDS_115KV_TB3 80639	36.42 0.11 0.00	33.63 0.17 0.00	40.58 0.09 0.00	37.01 0.05 0.00	35.07 0.10 0.00	40.11 -0.02 0.00	57.94 -0.14 0.00	74.99 0.04 0.00	91.86 0.24 0.00	44.35 -0.11 0.00	46.30 -0.22 0.00	43.26 -0.12 0.00	44.34 0.02 0.00	43.75 0.03 0.00	41.69 0.07 0.00	41.49 0.05 0.00	47.86 0.20 0.00	57.77 0.38 0.00	108.46 0.67 0.00	96.35 0.75 0.00	63.12 0.63 0.00	49.67 0.46 0.00	44.91 0.37 0.00	44.57 0.17 0.00
RIVERBAY____ 323610	37.94 1.63 0.00	35.02 1.56 0.00	42.16 1.66 0.00	38.72 1.76 0.00	36.69 1.73 0.00	41.90 1.78 0.00	60.52 2.43 0.00	78.86 3.91 0.00	96.45 4.84 0.00	46.93 2.47 0.00	48.91 2.39 0.00	45.80 2.42 0.00	46.66 2.34 0.00	46.13 2.40 0.00	44.24 2.62 0.00	44.01 2.56 0.00	50.43 2.77 0.00	60.57 3.18 0.00	113.78 5.99 0.00	100.77 5.16 0.00	65.77 3.29 0.00	51.85 2.64 0.00	46.93 2.39 0.00	46.64 2.24 0.00
RIVERSDE_115KV_TB3 55908	36.33 0.01 0.00	33.55 0.10 0.00	40.47 -0.03 0.00	36.92 -0.04 0.00	34.99 0.02 0.00	40.00 -0.12 0.00	57.81 -0.27 0.00	74.81 -0.14 0.00	91.59 -0.02 0.00	44.22 -0.25 0.00	46.13 -0.39 0.00	43.11 -0.27 0.00	44.21 -0.11 0.00	43.62 -0.10 0.00	41.57 -0.05 0.00	41.37 -0.07 0.00	47.74 0.08 0.00	57.66 0.26 0.00	108.21 0.42 0.00	96.12 0.52 0.00	62.94 0.45 0.00	49.55 0.33 0.00	44.77 0.23 0.00	44.44 0.03 0.00
ROARING___BROOK_WT_PWR 323790	36.13 -0.18 0.00	33.30 -0.15 0.00	40.35 -0.15 0.00	36.92 -0.04 0.00	34.96 -0.01 0.00	40.20 0.07 0.00	58.29 0.20 0.00	75.20 0.25 0.00	91.85 0.24 0.00	44.56 0.09 0.00	46.60 0.08 0.00	43.44 0.06 0.00	44.31 0.00 0.00	43.68 -0.04 0.00	41.61 -0.01 0.00	41.50 0.05 0.00	47.75 0.09 0.00	57.49 0.10 0.00	107.98 0.18 0.00	95.71 0.10 0.00	62.67 0.19 0.00	49.36 0.15 0.00	44.62 0.08 0.00	44.50 0.10 0.00

ROCHESRG_115KV_T4 355643	36.52 0.21 0.00	33.54 0.09 0.00	40.64 0.14 0.00	37.08 0.12 0.00	35.08 0.11 0.00	40.40 0.27 0.00	58.50 0.42 0.00	75.00 0.05 0.00	91.62 0.01 0.00	45.01 0.54 0.00	47.50 0.98 0.00	46.29 0.63 -2.28	45.18 0.86 0.00	44.48 0.76 0.00	42.28 0.66 0.00	41.93 0.48 0.00	47.80 0.14 0.00	56.88 -0.51 0.00	106.32 -1.47 0.00	93.44 -2.16 0.00	60.86 -1.63 0.00	47.95 -1.26 0.00	43.77 -0.77 0.00	44.35 -0.05 0.00
ROCHESTER_9_IC 23652	36.68 0.36 0.00	33.68 0.22 0.00	40.80 0.30 0.00	37.23 0.27 0.00	35.22 0.25 0.00	40.58 0.45 0.00	58.79 0.71 0.00	75.41 0.46 0.00	92.11 0.50 0.00	45.26 0.79 0.00	47.76 1.24 0.00	46.79 0.88 -2.54	45.43 1.11 0.00	44.75 1.02 0.00	42.53 0.91 0.00	42.17 0.73 0.00	48.09 0.43 0.00	57.23 -0.17 0.00	107.00 -0.80 0.00	94.02 -1.59 0.00	61.21 -1.27 0.00	48.22 -0.99 0.00	44.00 -0.54 0.00	44.60 0.19 0.00
ROCKVIEW_13_KV_LD 356306	37.60 1.29 0.00	34.65 1.19 0.00	41.80 1.30 0.00	38.05 1.09 0.00	35.93 0.96 0.00	41.03 0.91 0.00	59.34 1.26 0.00	77.19 2.24 0.00	94.38 2.77 0.00	45.92 1.46 0.00	47.95 1.43 0.00	44.95 1.57 0.00	45.81 1.49 0.00	45.30 1.57 0.00	43.41 1.79 0.00	43.23 1.79 0.00	49.59 1.93 0.00	59.74 2.34 0.00	111.96 4.17 0.00	99.17 3.56 0.00	64.72 2.24 0.00	51.06 1.85 0.00	46.21 1.66 0.00	45.92 1.52 0.00
ROME____115KV_TB2 80656	37.80 1.49 0.00	34.78 1.32 0.00	42.18 1.68 0.00	38.61 1.65 0.00	36.46 1.49 0.00	41.96 1.84 0.00	61.20 3.12 0.00	78.94 3.99 0.00	96.34 4.73 0.00	46.45 1.98 0.00	48.43 1.91 0.00	44.68 1.31 0.00	45.06 0.74 0.00	44.46 0.74 0.00	42.34 0.72 0.00	42.36 0.92 0.00	48.97 1.31 0.00	59.56 2.16 0.00	112.67 4.88 0.00	99.70 4.09 0.00	65.20 2.71 0.00	51.37 2.16 0.00	46.37 1.83 0.00	46.12 1.71 0.00
ROSETON___1 23587	37.08 0.76 0.00	34.18 0.72 0.00	41.23 0.74 0.00	37.57 0.61 0.00	35.51 0.54 0.00	40.58 0.45 0.00	58.58 0.50 0.00	76.06 1.11 0.00	93.02 1.42 0.00	45.25 0.79 0.00	47.20 0.68 0.00	44.25 0.87 0.00	45.10 0.78 0.00	44.60 0.87 0.00	42.68 1.06 0.00	42.48 1.04 0.00	48.76 1.10 0.00	58.72 1.33 0.00	110.10 2.31 0.00	97.70 2.10 0.00	63.87 1.38 0.00	50.36 1.15 0.00	45.62 1.08 0.00	45.30 0.90 0.00
ROSETON___2 23588	37.08 0.76 0.00	34.18 0.72 0.00	41.23 0.74 0.00	37.57 0.61 0.00	35.51 0.54 0.00	40.58 0.45 0.00	58.58 0.50 0.00	76.06 1.11 0.00	93.02 1.42 0.00	45.25 0.79 0.00	47.20 0.68 0.00	44.25 0.87 0.00	45.10 0.78 0.00	44.60 0.87 0.00	42.68 1.06 0.00	42.48 1.04 0.00	48.76 1.10 0.00	58.72 1.33 0.00	110.10 2.31 0.00	97.70 2.10 0.00	63.87 1.38 0.00	50.36 1.15 0.00	45.62 1.08 0.00	45.30 0.90 0.00
ROTRRDAM_115KV_TB3 80664	36.90 0.59 0.00	34.02 0.57 0.00	41.15 0.65 0.00	37.52 0.56 0.00	35.50 0.54 0.00	40.69 0.56 0.00	58.91 0.83 0.00	76.18 1.23 0.00	92.93 1.32 0.00	44.79 0.32 0.00	46.77 0.25 0.00	42.79 0.27 0.85	44.72 0.40 0.00	44.14 0.41 0.00	42.04 0.42 0.00	41.90 0.45 0.00	48.35 0.69 0.00	58.42 1.03 0.00	109.76 1.97 0.00	97.51 1.90 0.00	63.77 1.29 0.00	50.19 0.98 0.00	45.37 0.83 0.00	45.10 0.70 0.00
RUSSELL___1 23602	36.76 0.44 0.00	33.75 0.29 0.00	40.87 0.37 0.00	37.29 0.33 0.00	35.28 0.31 0.00	40.66 0.53 0.00	58.92 0.84 0.00	75.63 0.68 0.00	92.39 0.78 0.00	45.40 0.93 0.00	47.92 1.40 0.00	46.92 1.01 -2.54	45.59 1.27 0.00	44.95 1.22 0.00	42.72 1.10 0.00	42.34 0.90 0.00	48.32 0.66 0.00	57.51 0.11 0.00	107.55 -0.24 0.00	94.47 -1.13 0.00	61.52 -0.96 0.00	48.46 -0.75 0.00	44.21 -0.33 0.00	44.78 0.37 0.00
RUSSELL___2 23532	36.76 0.44 0.00	33.75 0.29 0.00	40.87 0.37 0.00	37.29 0.33 0.00	35.28 0.31 0.00	40.66 0.53 0.00	58.92 0.84 0.00	75.63 0.68 0.00	92.39 0.78 0.00	45.40 0.93 0.00	47.92 1.40 0.00	46.92 1.01 -2.54	45.59 1.27 0.00	44.95 1.22 0.00	42.72 1.10 0.00	42.34 0.90 0.00	48.32 0.66 0.00	57.51 0.11 0.00	107.55 -0.24 0.00	94.47 -1.13 0.00	61.52 -0.96 0.00	48.46 -0.75 0.00	44.21 -0.33 0.00	44.78 0.37 0.00
RUSSELL___3 23549	36.76 0.44 0.00	33.75 0.29 0.00	40.87 0.37 0.00	37.29 0.33 0.00	35.28 0.31 0.00	40.66 0.53 0.00	58.92 0.84 0.00	75.63 0.68 0.00	92.39 0.78 0.00	45.40 0.93 0.00	47.92 1.40 0.00	46.92 1.01 -2.54	45.59 1.27 0.00	44.95 1.22 0.00	42.72 1.10 0.00	42.34 0.90 0.00	48.32 0.66 0.00	57.51 0.11 0.00	107.55 -0.24 0.00	94.47 -1.13 0.00	61.52 -0.96 0.00	48.46 -0.75 0.00	44.21 -0.33 0.00	44.78 0.37 0.00
RUSSELL___4 23556	36.76 0.44 0.00	33.75 0.29 0.00	40.87 0.37 0.00	37.29 0.33 0.00	35.28 0.31 0.00	40.66 0.53 0.00	58.92 0.84 0.00	75.63 0.68 0.00	92.39 0.78 0.00	45.40 0.93 0.00	47.92 1.40 0.00	46.92 1.01 -2.54	45.59 1.27 0.00	44.95 1.22 0.00	42.72 1.10 0.00	42.34 0.90 0.00	48.32 0.66 0.00	57.51 0.11 0.00	107.55 -0.24 0.00	94.47 -1.13 0.00	61.52 -0.96 0.00	48.46 -0.75 0.00	44.21 -0.33 0.00	44.78 0.37 0.00
RUSSELL___STATION 23914	36.76 0.44 0.00	33.75 0.29 0.00	40.87 0.37 0.00	37.29 0.33 0.00	35.28 0.31 0.00	40.66 0.53 0.00	58.92 0.84 0.00	75.63 0.68 0.00	92.39 0.78 0.00	45.40 0.93 0.00	47.92 1.40 0.00	46.92 1.01 -2.54	45.59 1.27 0.00	44.95 1.22 0.00	42.72 1.10 0.00	42.34 0.90 0.00	48.32 0.66 0.00	57.51 0.11 0.00	107.55 -0.24 0.00	94.47 -1.13 0.00	61.52 -0.96 0.00	48.46 -0.75 0.00	44.21 -0.33 0.00	44.78 0.37 0.00
S SALMON___HYD 24043	36.40 0.09 0.00	33.49 0.03 0.00	40.68 0.18 0.00	37.20 0.24 0.00	35.23 0.26 0.00	40.49 0.36 0.00	58.77 0.69 0.00	75.91 0.96 0.00	92.70 1.09 0.00	44.71 0.24 0.00	46.20 -0.33 0.00	42.84 -0.54 0.00	43.69 -0.63 0.00	43.11 -0.61 0.00	41.00 -0.62 0.00	40.90 -0.55 0.00	47.14 -0.52 0.00	57.28 -0.11 0.00	108.39 0.60 0.00	95.84 0.23 0.00	62.63 0.14 0.00	49.52 0.30 0.00	44.72 0.17 0.00	44.61 0.21 0.00
S.PERRY__115KV_TB1 80734	37.54 1.22 0.00	34.46 1.01 0.00	41.90 1.40 0.00	38.34 1.38 0.00	36.34 1.37 0.00	42.02 1.89 0.00	61.02 2.93 0.00	78.37 3.42 0.00	95.61 4.01 0.00	46.89 2.42 0.00	49.36 2.84 0.00	47.92 2.11 -2.43	46.69 2.37 0.00	45.95 2.23 0.00	43.65 2.04 0.00	43.28 1.83 0.00	49.21 1.55 0.00	59.32 1.93 0.00	111.22 3.43 0.00	97.97 2.37 0.00	63.76 1.27 0.00	50.12 0.90 0.00	45.72 1.18 0.00	46.23 1.82 0.00
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	36.76 0.45 0.00	33.70 0.24 0.00	40.90 0.41 0.00	37.34 0.37 0.00	35.27 0.30 0.00	40.69 0.56 0.00	58.54 0.45 0.00	74.36 -0.59 0.00	90.82 -0.79 0.00	45.15 0.68 0.00	48.13 1.61 0.00	46.44 1.10 -1.97	45.83 1.51 0.00	45.07 1.34 0.00	42.74 1.12 0.00	42.31 0.87 0.00	47.67 0.01 0.00	55.76 -1.63 0.00	103.54 -4.25 0.00	90.34 -5.27 0.00	58.71 -3.77 0.00	46.32 -2.89 0.00	42.86 -1.68 0.00	44.28 -0.12 0.00

SAWYER___23_KV_LOAD 55526	36.76 0.45 0.00	33.70 0.24 0.00	40.90 0.41 0.00	37.34 0.37 0.00	35.27 0.30 0.00	40.69 0.56 0.00	58.54 0.45 0.00	74.36 -0.59 0.00	90.82 -0.79 0.00	45.15 0.68 0.00	48.13 1.61 0.00	46.44 1.10 -1.97	45.83 1.51 0.00	45.07 1.34 0.00	42.74 1.12 0.00	42.31 0.87 0.00	47.67 0.01 0.00	55.76 -1.63 0.00	103.54 -4.25 0.00	90.34 -5.27 0.00	58.71 -3.77 0.00	46.32 -2.89 0.00	42.86 -1.68 0.00	44.28 -0.12 0.00
SELKIRK___I 23801	36.63 0.32 0.00	33.82 0.37 0.00	40.82 0.32 0.00	37.27 0.31 0.00	35.30 0.33 0.00	40.42 0.29 0.00	58.39 0.31 0.00	75.43 0.48 0.00	92.04 0.43 0.00	44.27 -0.19 0.00	46.18 -0.34 0.00	43.16 -0.22 0.00	44.32 0.00 0.00	43.67 -0.06 0.00	41.57 -0.05 0.00	41.43 -0.02 0.00	47.95 0.29 0.00	57.97 0.58 0.00	108.86 1.06 0.00	96.66 1.06 0.00	63.29 0.81 0.00	49.81 0.59 0.00	45.05 0.50 0.00	44.77 0.36 0.00
SELKIRK___II 23799	36.42 0.10 0.00	33.61 0.15 0.00	40.58 0.08 0.00	37.03 0.07 0.00	35.07 0.10 0.00	40.13 0.00 0.00	57.98 -0.10 0.00	75.00 0.05 0.00	91.75 0.14 0.00	44.37 -0.10 0.00	46.30 -0.22 0.00	43.29 -0.09 0.00	44.31 0.00 0.00	43.73 0.00 0.00	41.66 0.04 0.00	41.48 0.04 0.00	47.79 0.13 0.00	57.67 0.27 0.00	108.23 0.44 0.00	96.16 0.55 0.00	62.95 0.47 0.00	49.55 0.34 0.00	44.79 0.25 0.00	44.50 0.10 0.00
SENECA OSWGO___HYD 24041	35.64 -0.67 0.00	32.79 -0.66 0.00	39.73 -0.77 0.00	36.27 -0.69 0.00	34.32 -0.65 0.00	39.39 -0.74 0.00	57.03 -1.05 0.00	73.62 -1.33 0.00	89.99 -1.62 0.00	43.69 -0.78 0.00	45.65 -0.87 0.00	42.47 -0.91 0.00	43.46 -0.86 0.00	42.86 -0.86 0.00	40.77 -0.85 0.00	40.60 -0.85 0.00	46.71 -0.95 0.00	56.30 -1.09 0.00	105.87 -1.92 0.00	93.73 -1.88 0.00	61.17 -1.31 0.00	48.20 -1.01 0.00	43.66 -0.88 0.00	43.60 -0.80 0.00
SENECA___115KV_TB3 355854	37.00 0.69 0.00	33.90 0.45 0.00	41.18 0.68 0.00	37.60 0.64 0.00	35.53 0.56 0.00	41.02 0.90 0.00	59.01 0.93 0.00	75.12 0.17 0.00	91.76 0.15 0.00	45.57 1.10 0.00	48.53 2.01 0.00	46.83 1.42 -2.04	46.14 1.82 0.00	45.39 1.67 0.00	43.09 1.47 0.00	42.64 1.20 0.00	48.08 0.42 0.00	56.36 -1.03 0.00	104.88 -2.92 0.00	91.59 -4.02 0.00	59.52 -2.96 0.00	46.93 -2.28 0.00	43.32 -1.22 0.00	44.65 0.25 0.00
SENECA___ENERGY 23797	36.43 0.11 0.00	33.45 -0.01 0.00	40.58 0.08 0.00	37.07 0.11 0.00	35.10 0.13 0.00	40.36 0.23 0.00	58.37 0.29 0.00	75.24 0.29 0.00	91.68 0.07 0.00	44.76 0.29 0.00	46.89 0.37 0.00	44.49 0.17 -0.94	44.55 0.23 0.00	43.95 0.22 0.00	41.89 0.27 0.00	41.53 0.08 0.00	47.68 0.03 0.00	57.46 0.06 0.00	107.73 -0.06 0.00	94.98 -0.63 0.00	61.92 -0.56 0.00	48.77 -0.45 0.00	44.28 -0.26 0.00	44.41 0.01 0.00
SHOEMAKER___GT 23640	37.35 1.03 0.00	34.39 0.93 0.00	41.56 1.06 0.00	37.89 0.93 0.00	35.81 0.85 0.00	40.95 0.83 0.00	59.40 1.31 0.00	77.06 2.11 0.00	94.11 2.50 0.00	45.53 1.07 0.00	47.53 1.01 0.00	44.49 1.11 0.00	45.28 0.96 0.00	44.77 1.04 0.00	42.79 1.17 0.00	42.60 1.15 0.00	48.98 1.32 0.00	59.25 1.86 0.00	111.40 3.61 0.00	98.71 3.11 0.00	64.41 1.93 0.00	50.77 1.55 0.00	45.92 1.39 0.00	45.63 1.23 0.00
SHOEMAKR_138KV_BK 111 55601	37.33 1.02 0.00	34.37 0.91 0.00	41.53 1.03 0.00	37.87 0.91 0.00	35.79 0.82 0.00	40.92 0.79 0.00	59.35 1.27 0.00	77.00 2.05 0.00	94.07 2.46 0.00	45.53 1.06 0.00	47.55 1.03 0.00	44.50 1.13 0.00	45.31 0.99 0.00	44.79 1.06 0.00	42.82 1.20 0.00	42.61 1.17 0.00	49.00 1.34 0.00	59.22 1.83 0.00	111.31 3.52 0.00	98.64 3.04 0.00	64.37 1.89 0.00	50.73 1.51 0.00	45.89 1.35 0.00	45.61 1.21 0.00
SHOREHAM_IC_1 23715	36.77 0.45 0.00	33.92 0.46 0.00	40.62 0.12 0.00	36.92 -0.04 0.00	34.44 -0.53 0.00	39.03 -1.10 0.00	47.79 -1.66 8.64	64.06 -1.34 9.55	41.87 -1.91 47.82	23.42 -0.56 20.48	43.94 -0.92 1.66	38.25 -0.54 4.58	40.56 -0.74 3.02	35.02 -0.62 8.09	28.59 -0.03 13.00	38.88 0.14 2.71	43.45 0.13 4.34	36.54 1.01 21.86	72.50 0.52 35.82	65.86 0.49 30.24	43.42 0.34 19.40	35.24 0.62 14.60	36.55 0.93 8.92	50.20 1.36 -4.44
SHOREHAM_IC_2 23716	36.77 0.46 0.00	33.92 0.46 0.00	40.63 0.13 0.00	36.92 -0.04 0.00	34.43 -0.54 0.00	39.03 -1.09 0.00	47.79 -1.65 8.64	64.07 -1.33 9.55	41.85 -1.94 47.82	23.42 -0.56 20.48	43.93 -0.92 1.66	38.24 -0.56 4.58	40.55 -0.74 3.02	35.01 -0.62 8.09	28.58 -0.04 13.00	38.88 0.14 2.71	43.44 0.12 4.34	36.54 1.00 21.86	72.50 0.52 35.82	65.85 0.49 30.24	43.42 0.34 19.40	35.24 0.62 14.60	36.54 0.92 8.92	50.19 1.34 -4.44
SISSONVILLE____ 23735	37.66 1.35 0.00	34.68 1.22 0.00	42.03 1.54 0.00	38.43 1.47 0.00	36.34 1.37 0.00	41.69 1.56 0.00	60.45 2.37 0.00	77.87 2.92 0.00	94.63 3.02 0.00	45.76 1.30 0.00	47.70 1.18 0.00	44.32 0.94 0.00	45.22 0.90 0.00	44.60 0.88 0.00	42.36 0.74 0.00	42.24 0.80 0.00	48.74 1.08 0.00	58.80 1.41 0.00	110.39 2.60 0.00	98.31 2.70 0.00	64.80 2.32 0.00	51.29 2.08 0.00	46.26 1.72 0.00	46.04 1.64 0.00
SITHE_IND_GS1 24169	35.30 -1.01 0.00	32.49 -0.97 0.00	39.36 -1.14 0.00	35.92 -1.04 0.00	33.99 -0.98 0.00	39.02 -1.11 0.00	56.46 -1.63 0.00	72.83 -2.12 0.00	89.01 -2.60 0.00	43.26 -1.20 0.00	45.26 -1.26 0.00	42.14 -1.23 0.00	43.09 -1.23 0.00	42.50 -1.23 0.00	40.46 -1.16 0.00	40.27 -1.17 0.00	46.27 -1.39 0.00	55.71 -1.69 0.00	104.61 -3.18 0.00	92.60 -3.00 0.00	60.49 -2.00 0.00	47.66 -1.55 0.00	43.19 -1.36 0.00	43.13 -1.27 0.00
SITHE_IND_GS2 24170	35.30 -1.01 0.00	32.49 -0.97 0.00	39.36 -1.14 0.00	35.92 -1.04 0.00	33.99 -0.98 0.00	39.02 -1.11 0.00	56.46 -1.63 0.00	72.83 -2.12 0.00	89.01 -2.60 0.00	43.26 -1.20 0.00	45.26 -1.26 0.00	42.14 -1.23 0.00	43.09 -1.23 0.00	42.50 -1.23 0.00	40.46 -1.16 0.00	40.27 -1.17 0.00	46.27 -1.39 0.00	55.71 -1.69 0.00	104.61 -3.18 0.00	92.60 -3.00 0.00	60.49 -2.00 0.00	47.66 -1.55 0.00	43.19 -1.36 0.00	43.13 -1.27 0.00
SITHE_IND_GS3 24171	35.30 -1.01 0.00	32.49 -0.97 0.00	39.36 -1.14 0.00	35.92 -1.04 0.00	33.99 -0.98 0.00	39.02 -1.11 0.00	56.46 -1.63 0.00	72.83 -2.12 0.00	89.01 -2.60 0.00	43.26 -1.20 0.00	45.26 -1.26 0.00	42.14 -1.23 0.00	43.09 -1.23 0.00	42.50 -1.23 0.00	40.46 -1.16 0.00	40.27 -1.17 0.00	46.27 -1.39 0.00	55.71 -1.69 0.00	104.61 -3.18 0.00	92.60 -3.00 0.00	60.49 -2.00 0.00	47.66 -1.55 0.00	43.19 -1.36 0.00	43.13 -1.27 0.00
SITHE_IND_GS4 24172	35.30 -1.01 0.00	32.49 -0.97 0.00	39.36 -1.14 0.00	35.92 -1.04 0.00	33.99 -0.98 0.00	39.02 -1.11 0.00	56.46 -1.63 0.00	72.83 -2.12 0.00	89.01 -2.60 0.00	43.26 -1.20 0.00	45.26 -1.26 0.00	42.14 -1.23 0.00	43.09 -1.23 0.00	42.50 -1.23 0.00	40.46 -1.16 0.00	40.27 -1.17 0.00	46.27 -1.39 0.00	55.71 -1.69 0.00	104.61 -3.18 0.00	92.60 -3.00 0.00	60.49 -2.00 0.00	47.66 -1.55 0.00	43.19 -1.36 0.00	43.13 -1.27 0.00

SITHE___BATAVIA 24024	37.54 1.22 0.00	34.40 0.95 0.00	41.72 1.22 0.00	38.08 1.12 0.00	36.03 1.06 0.00	41.53 1.40 0.00	60.02 1.93 0.00	76.69 1.74 0.00	93.67 2.06 0.00	46.37 1.90 0.00	49.22 2.70 0.00	47.62 1.87 -2.38	46.36 2.04 0.00	45.69 1.97 0.00	43.46 1.84 0.00	42.99 1.55 0.00	48.67 1.00 0.00	57.47 0.07 0.00	107.04 -0.76 0.00	93.70 -1.90 0.00	60.90 -1.59 0.00	47.99 -1.22 0.00	44.17 -0.38 0.00	45.33 0.92 0.00
SITHE___INDEPEND 23800	35.30 -1.01 0.00	32.49 -0.97 0.00	39.36 -1.13 0.00	35.92 -1.04 0.00	33.99 -0.98 0.00	39.02 -1.11 0.00	56.46 -1.62 0.00	72.83 -2.12 0.00	89.01 -2.60 0.00	43.26 -1.21 0.00	45.26 -1.26 0.00	42.15 -1.22 0.00	43.09 -1.23 0.00	42.50 -1.22 0.00	40.46 -1.16 0.00	40.27 -1.17 0.00	46.27 -1.39 0.00	55.71 -1.69 0.00	104.61 -3.18 0.00	92.60 -3.00 0.00	60.49 -2.00 0.00	47.66 -1.55 0.00	43.19 -1.36 0.00	43.13 -1.27 0.00
SITHE___MASSENA 23902	37.00 0.69 0.00	34.09 0.63 0.00	41.26 0.77 0.00	37.68 0.72 0.00	35.63 0.67 0.00	41.01 0.88 0.00	59.53 1.44 0.00	76.62 1.67 0.00	93.35 1.74 0.00	45.27 0.80 0.00	47.38 0.86 0.00	44.10 0.72 0.00	45.12 0.80 0.00	44.52 0.80 0.00	42.31 0.69 0.00	42.16 0.71 0.00	48.50 0.84 0.00	58.33 0.94 0.00	109.64 1.84 0.00	97.49 1.89 0.00	63.76 1.28 0.00	50.22 1.00 0.00	45.41 0.86 0.00	45.26 0.86 0.00
SITHE___OGDNSBRG 24021	38.01 1.69 0.00	35.01 1.55 0.00	42.40 1.90 0.00	38.75 1.79 0.00	36.63 1.66 0.00	42.17 2.04 0.00	61.41 3.33 0.00	79.01 4.06 0.00	95.61 4.00 0.00	45.80 1.33 0.00	47.76 1.24 0.00	44.41 1.03 0.00	45.37 1.05 0.00	44.75 1.03 0.00	42.50 0.88 0.00	42.36 0.92 0.00	48.99 1.33 0.00	59.26 1.87 0.00	112.15 4.36 0.00	99.85 4.25 0.00	65.46 2.98 0.00	51.63 2.42 0.00	46.58 2.04 0.00	46.37 1.97 0.00
SITHE___STERLING 23777	37.37 1.05 0.00	34.38 0.92 0.00	41.69 1.19 0.00	38.11 1.15 0.00	36.03 1.07 0.00	41.44 1.31 0.00	60.28 2.20 0.00	77.83 2.88 0.00	94.98 3.37 0.00	45.90 1.44 0.00	47.84 1.32 0.00	44.26 0.89 0.00	44.86 0.54 0.00	44.23 0.51 0.00	42.12 0.50 0.00	42.12 0.68 0.00	48.60 0.95 0.00	58.91 1.51 0.00	111.33 3.54 0.00	98.55 2.94 0.00	64.41 1.93 0.00	50.73 1.52 0.00	45.86 1.32 0.00	45.65 1.25 0.00
SLEIGHT__34_KV_TB1 80719	36.25 -0.06 0.00	33.30 -0.16 0.00	40.34 -0.15 0.00	36.82 -0.13 0.00	34.85 -0.11 0.00	40.12 -0.01 0.00	58.22 0.14 0.00	74.88 -0.07 0.00	91.36 -0.25 0.00	44.67 0.21 0.00	46.92 0.41 0.00	43.15 0.10 0.32	44.59 0.27 0.00	43.90 0.18 0.00	41.77 0.15 0.00	41.41 -0.04 0.00	47.55 -0.11 0.00	56.99 -0.40 0.00	106.74 -1.05 0.00	93.98 -1.63 0.00	61.22 -1.26 0.00	48.25 -0.97 0.00	43.85 -0.69 0.00	44.14 -0.26 0.00
SMITHTWN_69_KV_BK 1 55830	37.30 0.99 0.00	34.41 0.95 0.00	41.24 0.74 0.00	37.44 0.48 0.00	34.90 -0.06 0.00	39.56 -0.57 0.00	40.68 -0.82 16.58	58.67 -0.27 16.02	27.25 -0.74 63.61	17.14 0.09 27.41	44.02 -0.09 2.41	37.17 0.18 6.38	40.28 0.00 4.04	33.28 0.12 10.57	25.50 0.74 16.87	37.76 0.74 4.43	43.69 0.64 4.61	34.67 1.46 24.18	69.04 0.95 39.70	62.76 0.90 33.74	41.12 0.58 21.95	33.35 0.80 16.66	36.21 1.05 9.38	50.49 1.61 -4.48
SOUTH CAIRO___GT 23612	37.34 1.03 0.00	34.44 0.98 0.00	41.52 1.02 0.00	37.91 0.95 0.00	36.00 1.04 0.00	41.90 1.78 0.00	60.99 2.91 0.00	79.20 4.25 0.00	96.24 4.62 0.00	45.47 1.01 0.00	46.93 0.41 0.00	43.67 0.29 0.00	44.82 0.51 0.00	44.17 0.45 0.00	42.03 0.41 0.00	41.99 0.55 0.00	48.40 0.74 0.00	59.02 1.62 0.00	112.03 4.24 0.00	99.56 3.95 0.00	65.15 2.67 0.00	51.18 1.96 0.00	46.18 1.64 0.00	45.78 1.38 0.00
SOUTH HAMPTN___IC 23720	36.74 0.42 0.00	33.89 0.43 0.00	40.62 0.12 0.00	36.93 -0.03 0.00	34.46 -0.51 0.00	39.09 -1.04 0.00	48.70 -1.51 7.87	64.84 -1.12 8.99	43.08 -1.68 46.85	23.84 -0.49 20.13	44.05 -0.86 1.61	38.61 -0.30 4.47	40.94 -0.41 2.97	35.45 -0.30 7.98	29.10 0.33 12.85	39.48 0.58 2.54	44.29 0.95 4.33	37.87 2.19 21.72	75.03 2.81 35.57	68.05 2.45 30.00	44.90 1.63 19.22	36.43 1.66 14.44	37.46 1.83 8.91	51.09 2.25 -4.43
SOUTHDOW_115KV_TB1 355954	38.03 1.71 0.00	34.83 1.37 0.00	42.38 1.88 0.00	38.64 1.68 0.00	36.47 1.51 0.00	42.10 1.97 0.00	60.69 2.61 0.00	77.82 2.87 0.00	95.19 3.58 0.00	46.89 2.43 0.00	49.99 3.47 0.00	48.43 2.99 -2.06	47.62 3.30 0.00	46.76 3.03 0.00	44.38 2.77 0.00	43.98 2.53 0.00	49.49 1.83 0.00	58.33 0.94 0.00	109.17 1.38 0.00	95.42 -0.19 0.00	61.95 -0.54 0.00	48.66 -0.55 0.00	44.61 0.07 0.00	45.02 0.62 0.00
SOUTHOLD_69_KV_BK 2 55809	36.28 -0.03 0.00	33.47 0.01 0.00	40.14 -0.36 0.00	36.48 -0.48 0.00	34.04 -0.93 0.00	38.63 -1.49 0.00	48.10 -2.10 7.88	64.14 -1.82 9.00	42.24 -2.52 46.85	23.39 -0.95 20.13	43.51 -1.40 1.61	38.33 -0.57 4.47	40.78 -0.57 2.97	35.27 -0.47 7.98	28.96 0.18 12.84	39.47 0.57 2.55	44.65 1.32 4.33	38.57 2.89 21.72	76.48 4.25 35.57	69.28 3.68 30.01	45.71 2.45 19.22	37.12 2.35 14.44	38.06 2.43 8.91	51.66 2.83 -4.43
SOUTHOLD___IC 23719	36.28 -0.04 0.00	33.46 0.01 0.00	40.13 -0.37 0.00	36.48 -0.48 0.00	34.05 -0.92 0.00	38.63 -1.49 0.00	48.10 -2.10 7.88	64.12 -1.83 9.00	42.22 -2.54 46.85	23.38 -0.96 20.13	43.51 -1.40 1.61	38.36 -0.55 4.47	40.79 -0.56 2.97	35.28 -0.47 7.98	28.97 0.20 12.84	39.47 0.57 2.55	44.66 1.33 4.33	38.56 2.89 21.72	76.48 4.25 35.57	69.28 3.68 30.01	45.71 2.45 19.22	37.12 2.35 14.44	38.06 2.43 8.91	51.67 2.83 -4.43
SOUTH_FORK_WT_PWR 323839	35.60 -0.71 0.00	32.85 -0.61 0.00	39.40 -1.09 0.00	35.82 -1.14 0.00	33.41 -1.55 0.00	37.92 -2.21 0.00	47.10 -3.11 7.87	62.82 -3.14 8.99	40.66 -4.10 46.85	22.59 -1.75 20.13	42.68 -2.23 1.61	37.80 -1.10 4.47	40.33 -1.02 2.97	34.80 -0.94 7.98	28.53 -0.24 12.85	39.13 0.23 2.55	44.57 1.24 4.33	38.61 2.94 21.72	76.63 4.41 35.57	69.42 3.82 30.00	45.84 2.58 19.22	37.29 2.52 14.44	38.21 2.58 8.91	51.83 2.99 -4.43
SPIERFLS_115KV_TB 1 80737	37.29 0.98 0.00	34.42 0.97 0.00	41.64 1.14 0.00	37.93 0.97 0.00	35.91 0.94 0.00	41.15 1.02 0.00	59.90 1.82 0.00	77.69 2.74 0.00	94.34 2.73 0.00	44.69 0.22 0.00	46.42 -0.10 0.00	42.33 -0.27 0.78	44.59 0.27 0.00	43.98 0.25 0.00	41.90 0.28 0.00	41.95 0.50 0.00	48.81 1.15 0.00	59.30 1.91 0.00	111.81 4.02 0.00	99.50 3.90 0.00	65.04 2.56 0.00	51.06 1.84 0.00	46.09 1.55 0.00	45.58 1.18 0.00
ST LAWRENCE____ 23600	36.50 0.19 0.00	33.63 0.17 0.00	40.70 0.20 0.00	37.15 0.19 0.00	35.13 0.17 0.00	40.44 0.31 0.00	58.66 0.58 0.00	75.54 0.59 0.00	92.15 0.54 0.00	44.74 0.28 0.00	46.86 0.34 0.00	43.64 0.26 0.00	44.65 0.33 0.00	44.04 0.32 0.00	41.88 0.26 0.00	41.73 0.28 0.00	47.96 0.30 0.00	57.64 0.24 0.00	108.34 0.55 0.00	96.24 0.63 0.00	62.90 0.42 0.00	49.55 0.34 0.00	44.81 0.27 0.00	44.68 0.28 0.00

STATE_CA_115KV_115_LB 55624	36.35 0.04 0.00	33.58 0.12 0.00	40.48 -0.02 0.00	36.94 -0.02 0.00	35.02 0.05 0.00	40.03 -0.10 0.00	57.87 -0.21 0.00	74.90 -0.05 0.00	91.64 0.03 0.00	44.22 -0.25 0.00	46.11 -0.41 0.00	43.05 -0.33 0.00	44.24 -0.08 0.00	43.64 -0.09 0.00	41.61 -0.01 0.00	41.45 0.00 0.00	47.86 0.20 0.00	57.80 0.40 0.00	108.43 0.64 0.00	96.24 0.63 0.00	63.01 0.52 0.00	49.60 0.38 0.00	44.81 0.27 0.00	44.46 0.06 0.00
STATE_ST_34_KV_LOAD 55959	36.54 0.22 0.00	33.58 0.12 0.00	40.72 0.22 0.00	37.17 0.21 0.00	35.17 0.20 0.00	40.42 0.30 0.00	58.55 0.46 0.00	75.43 0.48 0.00	91.77 0.17 0.00	44.62 0.15 0.00	46.78 0.26 0.00	44.58 0.05 -1.15	44.47 0.15 0.00	43.72 0.00 0.00	41.81 0.19 0.00	41.52 0.08 0.00	47.79 0.13 0.00	57.78 0.38 0.00	108.16 0.36 0.00	95.57 -0.03 0.00	62.37 -0.11 0.00	49.27 0.06 0.00	44.68 0.14 0.00	44.66 0.26 0.00
STATION_5_MISC_HYD 23604	36.68 0.36 0.00	33.68 0.22 0.00	40.80 0.30 0.00	37.23 0.27 0.00	35.22 0.25 0.00	40.58 0.45 0.00	58.79 0.71 0.00	75.41 0.46 0.00	92.10 0.49 0.00	45.26 0.80 0.00	47.76 1.24 0.00	46.76 0.85 -2.54	45.41 1.09 0.00	44.73 1.01 0.00	42.53 0.91 0.00	42.17 0.73 0.00	48.10 0.44 0.00	57.22 -0.17 0.00	107.00 -0.79 0.00	94.02 -1.59 0.00	61.21 -1.27 0.00	48.22 -0.99 0.00	44.00 -0.54 0.00	44.59 0.19 0.00
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	36.46 0.15 0.00	33.48 0.02 0.00	40.59 0.09 0.00	37.05 0.09 0.00	35.08 0.11 0.00	40.38 0.25 0.00	58.48 0.40 0.00	75.23 0.28 0.00	91.79 0.18 0.00	44.92 0.45 0.00	47.20 0.68 0.00	44.12 0.38 -0.37	44.85 0.54 0.00	44.19 0.47 0.00	42.02 0.40 0.00	41.68 0.24 0.00	47.74 0.08 0.00	57.22 -0.18 0.00	107.25 -0.54 0.00	94.45 -1.16 0.00	61.56 -0.93 0.00	48.47 -0.74 0.00	44.09 -0.46 0.00	44.39 -0.01 0.00
STA_56_34_KV_BUS2_REV_LBMP_B 345033	36.42 0.10 0.00	33.45 -0.01 0.00	40.52 0.02 0.00	36.97 0.01 0.00	34.98 0.01 0.00	40.28 0.16 0.00	58.38 0.29 0.00	74.90 -0.05 0.00	91.48 -0.13 0.00	44.91 0.45 0.00	47.38 0.86 0.00	51.60 0.52 -7.71	45.06 0.74 0.00	44.38 0.66 0.00	42.17 0.55 0.00	41.82 0.38 0.00	47.74 0.08 0.00	56.86 -0.54 0.00	106.34 -1.45 0.00	93.47 -2.14 0.00	60.87 -1.61 0.00	47.95 -1.27 0.00	43.72 -0.82 0.00	44.25 -0.15 0.00
STA_56___34_KV_BUS2 355983	36.42 0.10 0.00	33.45 -0.01 0.00	40.52 0.02 0.00	36.97 0.01 0.00	34.98 0.01 0.00	40.28 0.16 0.00	58.38 0.29 0.00	74.90 -0.05 0.00	91.48 -0.13 0.00	44.91 0.45 0.00	47.38 0.86 0.00	51.60 0.52 -7.71	45.06 0.74 0.00	44.38 0.66 0.00	42.17 0.55 0.00	41.82 0.38 0.00	47.74 0.08 0.00	56.86 -0.54 0.00	106.34 -1.45 0.00	93.47 -2.14 0.00	60.87 -1.61 0.00	47.95 -1.27 0.00	43.72 -0.82 0.00	44.25 -0.15 0.00
STA_67___115KV_BK2 355882	36.63 0.31 0.00	33.63 0.17 0.00	40.74 0.25 0.00	37.18 0.22 0.00	35.17 0.20 0.00	40.53 0.40 0.00	58.70 0.61 0.00	75.27 0.32 0.00	91.94 0.34 0.00	45.17 0.70 0.00	47.67 1.15 0.00	46.67 0.79 -2.50	45.34 1.02 0.00	44.65 0.93 0.00	42.44 0.81 0.00	42.08 0.63 0.00	47.97 0.31 0.00	57.09 -0.30 0.00	106.73 -1.06 0.00	93.80 -1.80 0.00	61.08 -1.41 0.00	48.12 -1.09 0.00	43.91 -0.63 0.00	44.51 0.10 0.00
STA_7___115KV_9TRANS 80674	36.76 0.44 0.00	33.75 0.29 0.00	40.87 0.37 0.00	37.29 0.33 0.00	35.28 0.31 0.00	40.66 0.53 0.00	58.92 0.84 0.00	75.63 0.68 0.00	92.39 0.78 0.00	45.40 0.93 0.00	47.92 1.40 0.00	46.92 1.01 -2.54	45.59 1.27 0.00	44.95 1.22 0.00	42.72 1.10 0.00	42.34 0.90 0.00	48.32 0.66 0.00	57.51 0.11 0.00	107.55 -0.24 0.00	94.47 -1.13 0.00	61.52 -0.96 0.00	48.46 -0.75 0.00	44.21 -0.33 0.00	44.78 0.37 0.00
STA_82___115KV_TB1 80780	36.64 0.33 0.00	33.65 0.19 0.00	40.76 0.26 0.00	37.20 0.24 0.00	35.19 0.22 0.00	40.56 0.43 0.00	58.73 0.65 0.00	75.34 0.39 0.00	92.00 0.39 0.00	45.19 0.73 0.00	47.71 1.19 0.00	46.89 0.81 -2.70	45.37 1.05 0.00	44.67 0.95 0.00	42.47 0.85 0.00	42.10 0.65 0.00	48.00 0.34 0.00	57.12 -0.28 0.00	106.80 -0.99 0.00	93.85 -1.75 0.00	61.10 -1.38 0.00	48.14 -1.08 0.00	43.93 -0.61 0.00	44.53 0.12 0.00
STEEL___WIND 323596	36.97 0.66 0.00	33.87 0.42 0.00	41.15 0.65 0.00	37.57 0.61 0.00	35.50 0.53 0.00	40.99 0.86 0.00	58.95 0.87 0.00	75.04 0.09 0.00	91.62 0.01 0.00	45.54 1.07 0.00	48.48 1.96 0.00	46.78 1.36 -2.04	46.09 1.77 0.00	45.34 1.62 0.00	43.04 1.42 0.00	42.59 1.15 0.00	48.02 0.36 0.00	56.30 -1.09 0.00	104.77 -3.03 0.00	91.49 -4.11 0.00	59.46 -3.03 0.00	46.88 -2.33 0.00	43.28 -1.26 0.00	44.61 0.21 0.00
STEPHTWN_115KV_BK_2 55603	36.57 0.25 0.00	33.82 0.37 0.00	40.86 0.36 0.00	37.25 0.30 0.00	35.27 0.30 0.00	40.43 0.30 0.00	58.56 0.48 0.00	75.55 0.60 0.00	92.52 0.91 0.00	44.45 -0.02 0.00	46.46 -0.06 0.00	43.20 -0.18 0.00	44.45 0.13 0.00	43.78 0.05 0.00	41.74 0.12 0.00	41.61 0.17 0.00	48.11 0.45 0.00	58.13 0.73 0.00	109.21 1.42 0.00	96.96 1.35 0.00	63.43 0.94 0.00	49.87 0.66 0.00	45.05 0.51 0.00	44.72 0.32 0.00
STEBEN_REC_LFGE 323667	35.70 -0.61 0.00	32.87 -0.59 0.00	40.15 -0.34 0.00	36.92 -0.05 0.00	35.10 0.13 0.00	40.67 0.54 0.00	58.81 0.73 0.00	75.61 0.66 0.00	92.32 0.71 0.00	45.39 0.93 0.00	48.08 1.56 0.00	46.93 1.13 -2.43	45.56 1.24 0.00	44.95 1.23 0.00	42.72 1.10 0.00	42.41 0.96 0.00	48.23 0.58 0.00	57.67 0.28 0.00	108.05 0.26 0.00	94.81 -0.80 0.00	61.72 -0.76 0.00	48.59 -0.63 0.00	44.46 -0.09 0.00	45.09 0.69 0.00
STILLWATER___SOLAR 323814	37.31 0.99 0.00	34.42 0.96 0.00	41.62 1.12 0.00	37.92 0.96 0.00	35.91 0.94 0.00	41.16 1.04 0.00	59.74 1.66 0.00	77.32 2.37 0.00	94.18 2.57 0.00	44.94 0.47 0.00	46.82 0.30 0.74	42.83 0.20 0.00	44.87 0.55 0.00	44.28 0.55 0.00	42.17 0.56 0.00	42.14 0.70 0.00	48.89 1.23 0.00	59.28 1.89 0.00	111.49 3.70 0.00	99.13 3.52 0.00	64.82 2.34 0.00	50.95 1.74 0.00	46.04 1.50 0.00	45.64 1.24 0.00
STONY___BROOK 24151	37.27 0.96 0.00	34.38 0.92 0.00	41.19 0.69 0.00	37.42 0.46 0.00	34.89 -0.07 0.00	39.52 -0.60 0.00	45.04 -0.95 12.09	62.15 -0.50 12.30	36.39 -1.07 54.15	21.27 -0.01 23.19	44.39 -0.16 1.97	38.21 0.14 5.30	40.84 -0.06 3.42	34.76 0.07 9.04	27.85 0.70 14.47	38.70 0.71 3.45	43.82 0.60 4.44	35.99 1.39 22.80	70.95 0.54 37.38	64.47 0.52 31.66	42.39 0.35 20.45	34.43 0.66 15.45	36.44 0.98 9.08	50.49 1.62 -4.46
STURGEON_POOL_HYD 23609	37.34 1.03 0.00	34.38 0.93 0.00	41.52 1.02 0.00	37.83 0.87 0.00	35.75 0.78 0.00	40.82 0.70 0.00	59.06 0.98 0.00	76.67 1.72 0.00	93.83 2.22 0.00	45.62 1.16 0.00	47.54 1.02 0.00	44.54 1.16 0.00	45.32 1.00 0.00	44.77 1.05 0.00	42.84 1.22 0.00	42.66 1.22 0.00	49.07 1.41 0.00	59.15 1.76 0.00	111.05 3.26 0.00	98.63 3.03 0.00	64.44 1.96 0.00	50.78 1.56 0.00	45.93 1.39 0.00	45.61 1.21 0.00

ST_LAW_115_BK7_LBMP 345037	36.54 0.23 0.00	33.66 0.20 0.00	40.74 0.24 0.00	37.19 0.23 0.00	35.17 0.21 0.00	40.48 0.35 0.00	58.75 0.67 0.00	75.63 0.68 0.00	92.20 0.59 0.00	44.77 0.30 0.00	46.90 0.38 0.00	43.66 0.28 0.00	44.67 0.35 0.00	44.07 0.35 0.00	41.89 0.27 0.00	41.74 0.30 0.00	47.98 0.32 0.00	57.69 0.30 0.00	108.37 0.58 0.00	96.31 0.70 0.00	62.96 0.48 0.00	49.61 0.39 0.00	44.85 0.30 0.00	44.72 0.32 0.00
ST_LAW_115_BK8_LBMP 345038	36.54 0.23 0.00	33.66 0.20 0.00	40.74 0.24 0.00	37.19 0.23 0.00	35.17 0.21 0.00	40.48 0.35 0.00	58.75 0.67 0.00	75.63 0.68 0.00	92.20 0.59 0.00	44.77 0.30 0.00	46.90 0.38 0.00	43.66 0.28 0.00	44.67 0.35 0.00	44.07 0.35 0.00	41.89 0.27 0.00	41.74 0.30 0.00	47.98 0.32 0.00	57.69 0.30 0.00	108.37 0.58 0.00	96.31 0.70 0.00	62.96 0.48 0.00	49.61 0.39 0.00	44.85 0.30 0.00	44.72 0.32 0.00
ST_LAW_230_BK5_LBMP 345035	36.50 0.19 0.00	33.63 0.17 0.00	40.70 0.20 0.00	37.15 0.19 0.00	35.13 0.17 0.00	40.44 0.31 0.00	58.66 0.58 0.00	75.54 0.59 0.00	92.15 0.54 0.00	44.74 0.28 0.00	46.86 0.34 0.00	43.64 0.26 0.00	44.65 0.33 0.00	44.04 0.32 0.00	41.88 0.26 0.00	41.73 0.28 0.00	47.96 0.30 0.00	57.64 0.24 0.00	108.34 0.55 0.00	96.24 0.63 0.00	62.90 0.42 0.00	49.55 0.34 0.00	44.81 0.27 0.00	44.68 0.28 0.00
ST_LAW_230_BK6_LBMP 345036	36.50 0.19 0.00	33.63 0.17 0.00	40.70 0.20 0.00	37.15 0.19 0.00	35.13 0.17 0.00	40.44 0.31 0.00	58.66 0.58 0.00	75.54 0.59 0.00	92.15 0.54 0.00	44.74 0.28 0.00	46.86 0.34 0.00	43.64 0.26 0.00	44.65 0.33 0.00	44.04 0.32 0.00	41.88 0.26 0.00	41.73 0.28 0.00	47.96 0.30 0.00	57.64 0.24 0.00	108.34 0.55 0.00	96.24 0.63 0.00	62.90 0.42 0.00	49.55 0.34 0.00	44.81 0.27 0.00	44.68 0.28 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	37.34 1.02 0.00	34.39 0.93 0.00	41.54 1.04 0.00	37.86 0.90 0.00	35.78 0.81 0.00	40.90 0.77 0.00	59.34 1.25 0.00	77.02 2.07 0.00	94.11 2.50 0.00	45.61 1.14 0.00	47.66 1.14 0.00	44.63 1.25 0.00	45.46 1.14 0.00	44.95 1.23 0.00	43.01 1.39 0.00	42.80 1.36 0.00	49.17 1.51 0.00	59.39 1.99 0.00	111.52 3.73 0.00	98.79 3.19 0.00	64.45 1.96 0.00	50.78 1.57 0.00	45.95 1.41 0.00	45.65 1.25 0.00
SWANROAD_115KV_TB1 355699	36.42 0.10 0.00	33.36 -0.09 0.00	40.48 -0.01 0.00	36.96 0.01 0.00	34.94 -0.03 0.00	40.16 0.03 0.00	57.57 -0.51 0.00	73.00 -1.95 0.00	89.30 -2.30 0.00	44.53 0.07 0.00	47.48 0.96 0.00	45.83 0.37 -2.09	45.10 0.78 0.00	44.37 0.64 0.00	42.08 0.46 0.00	41.64 0.19 0.00	46.86 -0.80 0.00	54.63 -2.76 0.00	101.19 -6.60 0.00	88.26 -7.35 0.00	57.37 -5.11 0.00	45.34 -3.87 0.00	42.12 -2.42 0.00	43.77 -0.63 0.00
SYNERGY___BIOGAS 323694	37.54 1.22 0.00	34.40 0.95 0.00	41.72 1.22 0.00	38.08 1.12 0.00	36.03 1.06 0.00	41.53 1.40 0.00	60.02 1.93 0.00	76.69 1.74 0.00	93.69 2.08 0.00	46.38 1.91 0.00	49.22 2.70 0.00	47.68 1.93 -2.38	46.39 2.07 0.00	45.72 2.00 0.00	43.46 1.84 0.00	42.99 1.55 0.00	48.67 1.01 0.00	57.46 0.07 0.00	107.06 -0.73 0.00	93.70 -1.90 0.00	60.90 -1.59 0.00	47.99 -1.23 0.00	44.16 -0.38 0.00	45.33 0.92 0.00
SYRACUSE___ENERGY_ST1 323597	36.10 -0.21 0.00	33.20 -0.26 0.00	40.24 -0.25 0.00	36.73 -0.23 0.00	34.76 -0.21 0.00	39.91 -0.22 0.00	57.78 -0.30 0.00	74.55 -0.40 0.00	91.03 -0.58 0.00	44.21 -0.25 0.00	46.21 -0.31 0.00	43.95 -0.38 -0.95	44.04 -0.27 0.00	43.41 -0.32 0.00	41.37 -0.25 0.00	41.16 -0.28 0.00	47.34 -0.32 0.00	57.10 -0.29 0.00	107.28 -0.51 0.00	94.89 -0.71 0.00	61.97 -0.52 0.00	48.84 -0.38 0.00	44.24 -0.30 0.00	44.17 -0.23 0.00
SYRACUSE___ENERGY_ST2 323598	36.10 -0.21 0.00	33.20 -0.26 0.00	40.24 -0.25 0.00	36.73 -0.23 0.00	34.76 -0.21 0.00	39.91 -0.22 0.00	57.78 -0.30 0.00	74.55 -0.40 0.00	91.03 -0.58 0.00	44.21 -0.25 0.00	46.21 -0.31 0.00	43.95 -0.38 -0.95	44.04 -0.27 0.00	43.41 -0.32 0.00	41.37 -0.25 0.00	41.16 -0.28 0.00	47.34 -0.32 0.00	57.10 -0.29 0.00	107.28 -0.51 0.00	94.89 -0.71 0.00	61.97 -0.52 0.00	48.84 -0.38 0.00	44.24 -0.30 0.00	44.17 -0.23 0.00
SYRACUSE___POWER 24017	36.11 -0.20 0.00	33.20 -0.26 0.00	40.25 -0.24 0.00	36.73 -0.23 0.00	34.76 -0.21 0.00	39.88 -0.25 0.00	57.74 -0.35 0.00	74.53 -0.43 0.00	91.08 -0.53 0.00	44.24 -0.23 0.00	46.22 -0.30 0.00	44.03 -0.36 -1.01	44.03 -0.28 0.00	43.42 -0.30 0.00	41.34 -0.28 0.00	41.16 -0.29 0.00	47.31 -0.35 0.00	57.05 -0.35 0.00	107.28 -0.51 0.00	94.94 -0.67 0.00	61.97 -0.51 0.00	48.85 -0.36 0.00	44.24 -0.30 0.00	44.18 -0.22 0.00
TALLMAN__138KV_BK151 55660	37.33 1.02 0.00	34.39 0.93 0.00	41.50 1.00 0.00	37.83 0.87 0.00	35.74 0.78 0.00	40.83 0.71 0.00	59.21 1.13 0.00	76.91 1.96 0.00	93.98 2.37 0.00	45.58 1.12 0.00	47.66 1.14 0.00	44.65 1.27 0.00	45.51 1.19 0.00	45.02 1.30 0.00	43.09 1.47 0.00	42.87 1.43 0.00	49.23 1.57 0.00	59.42 2.02 0.00	111.51 3.72 0.00	98.82 3.21 0.00	64.44 1.95 0.00	50.78 1.57 0.00	45.94 1.40 0.00	45.63 1.23 0.00
TEALLAVE_115KV_TB7 355573	35.93 -0.38 0.00	33.04 -0.42 0.00	40.06 -0.44 0.00	36.55 -0.41 0.00	34.58 -0.38 0.00	39.67 -0.46 0.00	57.42 -0.66 0.00	74.11 -0.84 0.00	90.58 -1.03 0.00	44.01 -0.45 0.00	46.03 -0.49 0.00	43.63 -0.54 -0.79	43.86 -0.46 0.00	43.25 -0.48 0.00	41.17 -0.45 0.00	40.98 -0.47 0.00	47.10 -0.56 0.00	56.73 -0.67 0.00	106.61 -1.18 0.00	94.30 -1.30 0.00	61.56 -0.93 0.00	48.54 -0.67 0.00	43.98 -0.56 0.00	43.93 -0.47 0.00
TELGRAPH_34_KV_EAST 80808	37.00 0.68 0.00	33.90 0.45 0.00	41.12 0.63 0.00	37.54 0.58 0.00	35.49 0.53 0.00	40.86 0.74 0.00	58.83 0.75 0.00	74.85 -0.10 0.00	91.49 -0.12 0.00	45.49 1.02 0.00	48.40 1.88 0.00	46.85 1.22 -2.25	45.88 1.56 0.00	45.14 1.42 0.00	42.84 1.22 0.00	42.40 0.96 0.00	47.87 0.21 0.00	56.11 -1.29 0.00	104.27 -3.53 0.00	91.07 -4.53 0.00	59.21 -3.28 0.00	46.72 -2.50 0.00	43.20 -1.34 0.00	44.60 0.20 0.00
TEMPLE___115KV_TB 2 55572	35.94 -0.38 0.00	33.04 -0.42 0.00	40.06 -0.44 0.00	36.55 -0.41 0.00	34.58 -0.39 0.00	39.67 -0.46 0.00	57.42 -0.66 0.00	74.11 -0.84 0.00	90.57 -1.04 0.00	44.01 -0.45 0.00	46.03 -0.49 0.00	43.65 -0.53 -0.80	43.88 -0.44 0.00	43.27 -0.45 0.00	41.20 -0.42 0.00	41.00 -0.45 0.00	47.12 -0.53 0.00	56.74 -0.66 0.00	106.63 -1.16 0.00	94.30 -1.30 0.00	61.58 -0.91 0.00	48.55 -0.66 0.00	43.98 -0.56 0.00	43.93 -0.47 0.00
TIANA____69_KV_BK 1 55817	36.88 0.57 0.00	34.02 0.57 0.00	40.78 0.28 0.00	37.06 0.10 0.00	34.57 -0.40 0.00	39.22 -0.91 0.00	48.87 -1.34 7.88	65.06 -0.89 9.00	43.36 -1.40 46.85	24.00 -0.33 20.13	44.20 -0.71 1.61	38.66 -0.24 4.47	40.97 -0.37 2.97	35.50 -0.25 7.98	29.13 0.36 12.84	39.47 0.57 2.55	44.15 0.82 4.33	37.65 1.97 21.72	74.61 2.38 35.57	67.68 2.09 30.01	44.64 1.38 19.22	36.22 1.45 14.44	37.27 1.64 8.91	50.91 2.07 -4.43

TILDEN___115KV_TB1 80814	36.11 -0.20 0.00	33.20 -0.26 0.00	40.25 -0.24 0.00	36.73 -0.23 0.00	34.76 -0.21 0.00	39.88 -0.25 0.00	57.74 -0.35 0.00	74.53 -0.43 0.00	91.08 -0.53 0.00	44.24 -0.23 0.00	46.22 -0.30 0.00	44.03 -0.36 -1.01	44.03 -0.28 0.00	43.42 -0.30 0.00	41.34 -0.28 0.00	41.16 -0.29 0.00	47.31 -0.35 0.00	57.05 -0.35 0.00	107.28 -0.51 0.00	94.94 -0.67 0.00	61.97 -0.51 0.00	48.85 -0.36 0.00	44.24 -0.30 0.00	44.18 -0.22 0.00
TRIGEN___CC 323695	37.58 1.27 0.00	34.63 1.17 0.00	41.63 1.13 0.00	37.84 0.88 0.00	35.44 0.47 0.00	40.35 0.23 0.00	58.45 0.37 0.00	76.05 1.10 0.00	86.22 1.26 6.65	45.40 0.93 0.00	47.38 0.86 0.00	44.49 1.11 0.00	45.32 1.00 0.00	44.84 1.11 0.00	43.12 1.50 0.00	42.82 1.37 0.00	49.06 1.40 0.00	59.34 1.95 0.00	110.49 2.70 0.00	98.12 2.52 0.00	64.15 1.67 0.00	50.73 1.51 0.00	46.01 1.47 0.00	54.01 1.62 -7.99
TRINITY___115KV___4 BK 55933	36.21 -0.10 0.00	33.46 0.01 0.00	40.36 -0.14 0.00	36.82 -0.14 0.00	34.90 -0.06 0.00	39.90 -0.23 0.00	57.65 -0.43 0.00	74.59 -0.36 0.00	91.31 -0.30 0.00	44.09 -0.37 0.00	45.99 -0.53 0.00	42.98 -0.40 0.00	44.07 -0.24 0.00	43.49 -0.23 0.00	41.45 -0.17 0.00	41.26 -0.18 0.00	47.61 -0.05 0.00	57.49 0.10 0.00	107.90 0.10 0.00	95.84 0.24 0.00	62.75 0.27 0.00	49.40 0.18 0.00	44.64 0.10 0.00	44.30 -0.10 0.00
UNION___PROCESSING_DRP 323587	36.66 0.35 0.00	33.66 0.21 0.00	40.78 0.28 0.00	37.21 0.25 0.00	35.20 0.23 0.00	40.57 0.44 0.00	58.75 0.67 0.00	75.35 0.40 0.00	92.04 0.43 0.00	45.22 0.75 0.00	47.73 1.21 -2.79	47.00 0.83 0.00	45.38 1.06 0.00	44.69 0.96 0.00	42.48 0.85 0.00	42.10 0.66 0.00	48.01 0.35 0.00	57.14 -0.26 0.00	106.82 -0.97 0.00	93.88 -1.73 0.00	61.12 -1.36 0.00	48.14 -1.07 0.00	43.94 -0.60 0.00	44.53 0.13 0.00
UPPER HUDSON___HYD 24058	37.29 0.98 0.00	34.43 0.97 0.00	41.64 1.14 0.00	37.93 0.97 0.00	35.91 0.94 0.00	41.15 1.02 0.00	59.90 1.82 0.00	77.69 2.74 0.00	94.33 2.72 0.00	44.69 0.22 0.00	46.42 -0.10 0.00	42.34 -0.26 0.78	44.60 0.28 0.00	43.98 0.26 0.00	41.90 0.28 0.00	41.94 0.50 0.00	48.81 1.15 0.00	59.30 1.90 0.00	111.81 4.02 0.00	99.50 3.90 0.00	65.04 2.56 0.00	51.06 1.84 0.00	46.09 1.55 0.00	45.57 1.17 0.00
UPPER RAQUET___HYD 24056	37.66 1.35 0.00	34.68 1.22 0.00	42.03 1.54 0.00	38.43 1.47 0.00	36.34 1.37 0.00	41.69 1.56 0.00	60.45 2.37 0.00	77.87 2.92 0.00	94.63 3.02 0.00	45.76 1.30 0.00	47.70 1.18 0.00	44.32 0.94 0.00	45.22 0.90 0.00	44.60 0.88 0.00	42.36 0.74 0.00	42.24 0.80 0.00	48.74 1.08 0.00	58.80 1.41 0.00	110.39 2.60 0.00	98.31 2.70 0.00	64.80 2.32 0.00	51.29 2.08 0.00	46.26 1.72 0.00	46.04 1.64 0.00
VALLEY44_115KV_TB2 355964	37.01 0.69 0.00	33.97 0.51 0.00	41.35 0.85 0.00	37.74 0.78 0.00	35.66 0.70 0.00	40.97 0.84 0.00	58.72 0.64 0.00	75.18 0.23 0.00	92.07 0.46 0.00	45.36 0.89 0.00	48.43 1.91 -2.08	47.07 1.61 0.00	46.30 1.98 0.00	45.42 1.69 0.00	43.09 1.48 0.00	42.57 1.13 0.00	47.94 0.28 0.00	56.73 -0.66 0.00	106.11 -1.68 0.00	92.74 -2.86 0.00	60.26 -2.22 0.00	47.52 -1.70 0.00	43.68 -0.86 0.00	44.64 0.24 0.00
VALLEY___115KV_TB 1-4 80826	37.54 1.23 0.00	34.62 1.17 0.00	41.95 1.45 0.00	38.31 1.35 0.00	36.26 1.29 0.00	41.65 1.52 0.00	60.46 2.38 0.00	78.12 3.17 0.00	94.66 3.06 0.00	45.22 0.75 0.00	47.08 0.56 0.00	43.98 0.60 0.00	44.66 0.34 0.00	44.05 0.33 0.00	41.90 0.29 0.00	41.82 0.37 0.00	48.44 0.78 0.00	59.32 1.93 0.00	112.04 4.25 0.00	99.46 3.85 0.00	65.04 2.56 0.00	51.29 2.08 0.00	46.40 1.86 0.00	46.09 1.69 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	38.61 2.29 0.00	35.52 2.07 0.00	42.92 2.42 0.00	39.32 2.36 0.00	37.64 2.67 0.00	43.37 3.24 0.00	63.44 5.36 0.00	82.51 7.56 0.00	100.26 8.65 0.00	48.88 4.41 0.00	51.92 5.40 0.00	107.72 6.67 -57.67	45.90 1.58 0.00	45.03 1.31 0.00	42.41 0.79 0.00	42.51 1.06 0.00	49.52 1.86 0.00	59.73 2.34 0.00	111.84 4.04 0.00	99.14 3.53 0.00	64.84 2.35 0.00	51.07 1.85 0.00	46.24 1.70 0.00	46.08 1.67 0.00
VISCHER___FERRY HYD 24020	36.76 0.45 0.00	33.93 0.47 0.00	40.99 0.49 0.00	37.35 0.39 0.00	35.36 0.40 0.00	40.51 0.39 0.00	58.66 0.58 0.00	75.94 0.99 0.00	92.90 1.29 0.00	44.66 0.20 0.00	46.60 0.08 0.00	43.49 0.11 0.00	44.60 0.28 0.00	44.02 0.29 0.00	41.93 0.31 0.00	41.80 0.35 0.00	48.29 0.63 0.00	58.41 1.02 0.00	109.73 1.94 0.00	97.55 1.94 0.00	63.84 1.36 0.00	50.22 1.00 0.00	45.40 0.86 0.00	45.03 0.63 0.00
V_A_10_SYNC_DSASP 323832	36.63 0.32 0.00	33.62 0.16 0.00	40.77 0.27 0.00	37.21 0.25 0.00	35.16 0.19 0.00	40.50 0.37 0.00	58.32 0.24 0.00	74.17 -0.78 0.00	90.54 -1.07 0.00	44.91 0.45 0.00	47.80 1.28 0.00	45.96 0.82 -1.76	45.55 1.23 0.00	44.80 1.07 0.00	42.50 0.88 0.00	42.07 0.62 0.00	47.49 -0.17 0.00	55.74 -1.65 0.00	103.60 -4.19 0.00	90.55 -5.06 0.00	58.86 -3.63 0.00	46.46 -2.75 0.00	42.89 -1.66 0.00	44.18 -0.22 0.00
V_CMM_10_SYNC_DSASP 323787	36.75 0.43 0.00	33.86 0.40 0.00	40.97 0.47 0.00	37.41 0.44 0.00	35.36 0.39 0.00	40.71 0.58 0.00	59.09 1.01 0.00	76.03 1.09 0.00	92.46 0.85 0.00	44.99 0.52 0.00	47.14 0.61 0.00	43.88 0.50 0.00	44.92 0.60 0.00	44.31 0.59 0.00	42.12 0.50 0.00	41.97 0.53 0.00	48.25 0.59 0.00	58.00 0.60 0.00	108.86 1.07 0.00	96.66 1.05 0.00	63.24 0.76 0.00	49.86 0.65 0.00	45.09 0.55 0.00	44.95 0.55 0.00
V_CMP_10_SYNC_DSASP 323788	37.15 0.84 0.00	34.26 0.80 0.00	41.52 1.02 0.00	37.86 0.90 0.00	35.82 0.85 0.00	41.24 1.11 0.00	59.79 1.71 0.00	77.28 2.33 0.00	94.19 2.58 0.00	45.51 1.04 0.00	47.58 1.06 0.00	44.20 0.83 0.00	45.19 0.87 0.00	44.66 0.93 0.00	42.42 0.80 0.00	42.44 1.00 0.00	48.80 1.14 0.00	58.58 1.19 0.00	110.09 2.30 0.00	97.96 2.36 0.00	64.00 1.52 0.00	50.59 1.37 0.00	45.64 1.10 0.00	45.25 0.85 0.00
V_D_10_SYNC_DSASP 323841	37.00 0.69 0.00	34.09 0.63 0.00	41.26 0.76 0.00	37.67 0.71 0.00	35.62 0.66 0.00	41.01 0.88 0.00	59.53 1.44 0.00	76.60 1.65 0.00	93.35 1.74 0.00	45.26 0.80 0.00	47.38 0.86 0.00	44.09 0.71 0.00	45.12 0.80 0.00	44.52 0.79 0.00	42.31 0.69 0.00	42.16 0.71 0.00	48.50 0.84 0.00	58.32 0.93 0.00	109.63 1.84 0.00	97.47 1.86 0.00	63.76 1.27 0.00	50.21 1.00 0.00	45.39 0.85 0.00	45.26 0.85 0.00
V_E_10_SYNC_DSASP 323830	38.14 1.83 0.00	35.14 1.68 0.00	42.85 2.36 0.00	39.14 2.18 0.00	37.16 2.19 0.00	42.87 2.75 0.00	62.62 4.54 0.00	80.89 5.94 0.00	98.35 6.74 0.00	47.78 3.32 0.00	49.83 3.31 0.00	64.89 2.82 -18.69	46.15 1.83 0.00	45.50 1.78 0.00	43.36 1.75 0.00	43.04 1.60 0.00	49.81 2.15 0.00	60.90 3.50 0.00	115.21 7.42 0.00	101.77 6.16 0.00	66.54 4.05 0.00	52.52 3.30 0.00	47.61 3.07 0.00	47.44 3.04 0.00

V_F_30_NSYNC___DSASP 323816	37.36 1.05 0.00	34.46 1.01 0.00	41.69 1.19 0.00	37.99 1.03 0.00	35.95 0.99 0.00	41.23 1.10 0.00	59.83 1.75 0.00	77.41 2.46 0.00	94.32 2.71 0.00	45.04 0.57 0.00	46.94 0.42 0.00	42.92 0.31 0.76	44.99 0.67 0.00	44.39 0.66 0.00	42.29 0.67 0.00	42.25 0.81 0.00	49.00 1.34 0.00	59.37 1.97 0.00	111.66 3.87 0.00	99.25 3.65 0.00	64.90 2.41 0.00	51.01 1.80 0.00	46.08 1.54 0.00	45.71 1.31 0.00
V_F_30_SYNC_DSASP 323786	36.34 0.02 0.00	33.58 0.12 0.00	40.48 -0.02 0.00	36.94 -0.02 0.00	35.02 0.05 0.00	40.03 -0.10 0.00	57.87 -0.21 0.00	74.88 -0.07 0.00	91.63 0.02 0.00	44.21 -0.26 0.00	46.10 -0.42 0.00	43.05 -0.33 0.00	44.23 -0.09 0.00	43.63 -0.09 0.00	41.61 -0.01 0.00	41.44 -0.01 0.00	47.86 0.20 0.00	57.79 0.39 0.00	108.41 0.61 0.00	96.22 0.62 0.00	63.00 0.52 0.00	49.58 0.37 0.00	44.80 0.26 0.00	44.46 0.06 0.00
V_XM_10_SYNC_DSASP 323789	37.15 0.84 0.00	34.26 0.80 0.00	41.52 1.02 0.00	37.86 0.90 0.00	35.82 0.85 0.00	41.24 1.11 0.00	59.79 1.71 0.00	77.28 2.33 0.00	94.19 2.58 0.00	45.51 1.04 0.00	47.58 1.06 0.00	44.20 0.83 0.00	45.19 0.87 0.00	44.66 0.93 0.00	42.42 0.80 0.00	42.44 1.00 0.00	48.80 1.14 0.00	58.58 1.19 0.00	110.09 2.30 0.00	97.96 2.36 0.00	64.00 1.52 0.00	50.59 1.37 0.00	45.64 1.10 0.00	45.25 0.85 0.00
W.BABYLN_69_KV_BK1 56697	37.77 1.46 0.00	34.81 1.36 0.00	41.79 1.29 0.00	37.94 0.98 0.00	35.38 0.42 0.00	40.23 0.10 0.00	53.18 0.31 5.21	72.23 1.20 3.92	77.91 1.27 14.97	42.81 0.94 2.60	46.89 0.76 0.39	43.49 0.94 0.83	44.73 0.79 0.38	43.86 0.90 0.76	42.06 1.54 1.10	41.51 1.40 1.34	47.19 1.28 1.75	50.00 2.10 9.49	94.79 2.82 15.82	84.60 2.54 13.54	55.28 1.74 8.94	43.97 1.61 6.86	42.75 1.72 3.52	51.61 2.13 -5.08
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	37.52 1.20 0.00	34.55 1.09 0.00	41.70 1.20 0.00	38.01 1.05 0.00	35.91 0.94 0.00	41.04 0.91 0.00	59.62 1.54 0.00	77.47 2.52 0.00	94.64 3.03 0.00	45.91 1.44 0.00	47.98 1.46 0.00	44.95 1.57 0.00	45.82 1.50 0.00	45.32 1.60 0.00	43.38 1.76 0.00	43.19 1.74 0.00	49.61 1.95 0.00	59.85 2.46 0.00	112.32 4.53 0.00	99.32 3.71 0.00	64.76 2.28 0.00	51.05 1.84 0.00	46.18 1.64 0.00	45.85 1.44 0.00
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	37.60 1.28 0.00	34.65 1.19 0.00	41.72 1.22 0.00	38.04 1.09 0.00	35.95 0.98 0.00	41.07 0.94 0.00	59.30 1.22 0.00	77.20 2.25 0.00	94.42 2.81 0.00	46.01 1.54 0.00	48.04 1.52 0.00	45.05 1.68 0.00	45.92 1.60 0.00	45.42 1.70 0.00	43.54 1.92 0.00	43.37 1.92 0.00	49.71 2.05 0.00	59.80 2.41 0.00	111.97 4.18 0.00	99.13 3.52 0.00	64.70 2.22 0.00	51.06 1.84 0.00	46.21 1.67 0.00	45.88 1.48 0.00
W50THST__13_KV_LOAD 356117	37.73 1.41 0.00	34.76 1.30 0.00	41.85 1.35 0.00	38.17 1.21 0.00	36.07 1.10 0.00	41.20 1.07 0.00	59.54 1.45 0.00	77.55 2.60 0.00	94.81 3.20 0.00	46.23 1.76 0.00	48.28 1.76 0.00	45.27 1.90 0.00	46.14 1.82 0.00	45.65 1.93 0.00	43.75 2.13 0.00	43.59 2.14 0.00	49.95 2.29 0.00	60.09 2.69 0.00	112.47 4.68 0.00	99.55 3.94 0.00	64.95 2.47 0.00	51.24 2.03 0.00	46.38 1.84 0.00	46.05 1.65 0.00
WADING RIVER_IC_1 23522	36.81 0.49 0.00	33.95 0.50 0.00	40.68 0.18 0.00	36.97 0.01 0.00	34.48 -0.49 0.00	39.08 -1.05 0.00	48.71 -1.58 7.79	64.75 -1.25 8.95	42.89 -1.82 46.90	23.79 -0.50 20.18	44.08 -0.83 1.61	38.45 -0.45 4.48	40.72 -0.63 2.98	35.20 -0.52 8.01	28.81 0.08 12.89	39.14 0.22 2.53	43.51 0.19 4.33	36.70 1.02 21.71	72.73 0.50 35.56	66.05 0.44 30.00	43.60 0.33 19.21	35.38 0.60 14.43	36.53 0.90 8.92	50.19 1.35 -4.43
WADING RIVER_IC_2 23547	36.81 0.49 0.00	33.95 0.50 0.00	40.68 0.18 0.00	36.97 0.01 0.00	34.48 -0.49 0.00	39.08 -1.05 0.00	48.71 -1.58 7.79	64.75 -1.25 8.95	42.89 -1.82 46.90	23.79 -0.50 20.18	44.08 -0.83 1.61	38.45 -0.45 4.48	40.72 -0.63 2.98	35.20 -0.52 8.01	28.81 0.08 12.89	39.14 0.22 2.53	43.51 0.19 4.33	36.70 1.02 21.71	72.73 0.50 35.56	66.05 0.44 30.00	43.60 0.33 19.21	35.38 0.60 14.43	36.53 0.90 8.92	50.19 1.35 -4.43
WADING RIVER_IC_3 23601	36.81 0.49 0.00	33.95 0.50 0.00	40.68 0.18 0.00	36.97 0.01 0.00	34.48 -0.49 0.00	39.08 -1.05 0.00	48.71 -1.58 7.79	64.75 -1.25 8.95	42.89 -1.82 46.90	23.79 -0.50 20.18	44.08 -0.83 1.61	38.45 -0.45 4.48	40.72 -0.63 2.98	35.20 -0.52 8.01	28.81 0.08 12.89	39.14 0.22 2.53	43.51 0.19 4.33	36.70 1.02 21.71	72.73 0.50 35.56	66.05 0.44 30.00	43.60 0.33 19.21	35.38 0.60 14.43	36.53 0.90 8.92	50.19 1.35 -4.43
WALDENNY_12_KV_BK2 80841	36.98 0.66 0.00	33.91 0.45 0.00	41.18 0.68 0.00	37.60 0.64 0.00	35.53 0.57 0.00	41.02 0.89 0.00	58.98 0.90 0.00	75.06 0.11 0.00	91.75 0.14 0.00	45.59 1.12 0.00	48.55 2.03 0.00	46.90 1.49 -2.04	46.18 1.86 0.00	45.43 1.71 0.00	43.10 1.48 0.00	42.66 1.22 0.00	48.09 0.43 0.00	56.33 -1.07 0.00	104.79 -3.00 0.00	91.49 -4.11 0.00	59.45 -3.04 0.00	46.88 -2.34 0.00	43.29 -1.25 0.00	44.65 0.25 0.00
WALDEN___HYDRO 24148	37.52 1.20 0.00	34.53 1.08 0.00	41.71 1.21 0.00	38.02 1.06 0.00	35.92 0.96 0.00	41.07 0.94 0.00	59.57 1.49 0.00	77.38 2.43 0.00	94.50 2.89 0.00	45.79 1.32 0.00	47.78 1.26 0.00	44.72 1.34 0.00	45.55 1.23 0.00	45.03 1.31 0.00	43.09 1.47 0.00	42.90 1.46 0.00	49.34 1.68 0.00	59.62 2.23 0.00	112.01 4.22 0.00	99.30 3.69 0.00	64.77 2.28 0.00	51.04 1.82 0.00	46.17 1.63 0.00	45.84 1.44 0.00
WARRENSBURG____ 23737	37.29 0.98 0.00	34.42 0.97 0.00	41.64 1.14 0.00	37.93 0.97 0.00	35.91 0.94 0.00	41.15 1.02 0.00	59.90 1.82 0.00	77.69 2.74 0.00	94.34 2.73 0.00	44.69 0.22 0.00	46.42 -0.10 0.00	42.33 -0.27 0.78	44.59 0.27 0.00	43.98 0.25 0.00	41.90 0.28 0.00	41.95 0.50 0.00	48.81 1.15 0.00	59.30 1.91 0.00	111.81 4.02 0.00	99.50 3.90 0.00	65.04 2.56 0.00	51.06 1.84 0.00	46.09 1.55 0.00	45.58 1.18 0.00
WATERSIDE___6 8 9 23538	37.44 1.12 0.00	34.54 1.08 0.00	41.54 1.05 0.00	37.98 1.02 0.00	35.92 0.95 0.00	40.96 0.83 0.00	59.06 0.98 0.00	76.95 2.00 0.00	94.09 2.48 0.00	45.91 1.45 0.00	47.90 1.38 0.00	44.93 1.56 0.00	45.78 1.46 0.00	45.31 1.58 0.00	43.46 1.85 0.00	43.27 1.82 0.00	49.55 1.89 0.00	59.55 2.16 0.00	111.52 3.73 0.00	98.74 3.14 0.00	64.48 1.99 0.00	50.90 1.68 0.00	46.09 1.54 0.00	45.74 1.34 0.00
WATKINRD_115KV_LN8_ILLION 55919	37.15 0.83 0.00	34.25 0.79 0.00	41.47 0.97 0.00	37.88 0.92 0.00	35.84 0.88 0.00	41.16 1.03 0.00	59.66 1.58 0.00	77.10 2.15 0.00	93.68 2.07 0.00	44.95 0.49 0.00	46.84 0.33 0.00	43.75 0.37 0.00	44.51 0.19 0.00	43.91 0.19 0.00	41.80 0.18 0.00	41.67 0.23 0.00	48.15 0.50 0.00	58.70 1.31 0.00	110.70 2.91 0.00	98.25 2.64 0.00	64.24 1.76 0.00	50.65 1.43 0.00	45.81 1.27 0.00	45.54 1.14 0.00

WDELAWARE___HYD 323627	37.09 0.78 0.00	34.13 0.67 0.00	41.25 0.75 0.00	37.61 0.64 0.00	35.55 0.58 0.00	40.66 0.53 0.00	59.09 1.00 0.00	76.69 1.74 0.00	93.62 2.01 0.00	45.26 0.79 0.00	47.15 0.63 0.00	44.08 0.70 0.00	44.47 0.15 0.00	42.91 -0.81 0.00	41.00 -0.63 0.00	40.86 -0.58 0.00	47.16 -0.50 0.00	57.16 -0.23 0.00	108.06 0.27 0.00	98.08 2.47 0.00	64.04 1.55 0.00	50.43 1.22 0.00	45.59 1.05 0.00	45.28 0.87 0.00
WEST BABYLON___IC 23714	37.77 1.46 0.00	34.81 1.36 0.00	41.79 1.29 0.00	37.94 0.98 0.00	35.38 0.42 0.00	40.23 0.10 0.00	53.18 0.31 5.21	72.23 1.20 3.92	77.91 1.27 14.97	42.81 0.94 2.60	46.89 0.76 0.39	43.49 0.94 0.83	44.73 0.79 0.38	43.86 0.90 0.76	42.06 1.54 1.10	41.51 1.40 1.34	47.19 1.28 1.75	50.00 2.10 9.49	94.79 2.82 15.82	84.60 2.54 13.54	55.28 1.74 8.94	43.97 1.61 6.86	42.75 1.72 3.52	51.61 2.13 -5.08
WEST CANADA___HYD 24049	36.39 0.07 0.00	33.52 0.06 0.00	40.58 0.08 0.00	37.04 0.08 0.00	35.04 0.07 0.00	40.20 0.07 0.00	58.20 0.12 0.00	75.15 0.20 0.00	91.83 0.22 0.00	44.52 0.06 0.00	46.53 0.01 0.00	43.42 0.04 0.00	44.27 -0.04 0.00	43.68 -0.04 0.00	41.60 -0.02 0.00	41.44 0.00 0.00	47.70 0.04 0.00	57.52 0.13 0.00	108.06 0.27 0.00	95.84 0.23 0.00	62.67 0.19 0.00	49.36 0.14 0.00	44.66 0.12 0.00	44.49 0.08 0.00
WESTERN_NY_WIND 24143	37.50 1.19 0.00	34.37 0.91 0.00	41.68 1.18 0.00	38.05 1.09 0.00	36.00 1.03 0.00	41.49 1.36 0.00	59.95 1.86 0.00	76.56 1.61 0.00	93.57 1.96 0.00	46.33 1.86 0.00	49.18 2.66 0.00	47.59 1.88 -2.34	46.35 2.03 0.00	45.68 1.96 0.00	43.42 1.80 0.00	42.96 1.52 0.00	48.63 0.97 0.00	57.37 -0.02 0.00	106.88 -0.91 0.00	93.51 -2.09 0.00	60.78 -1.71 0.00	47.90 -1.31 0.00	44.10 -0.44 0.00	45.29 0.88 0.00
WESTOVER___LESR 323668	36.59 0.28 0.00	33.61 0.15 0.00	40.86 0.36 0.00	37.28 0.32 0.00	35.25 0.29 0.00	40.48 0.35 0.00	58.29 0.22 0.00	75.22 0.26 0.00	92.01 0.40 0.00	44.82 0.36 0.00	47.12 0.60 0.00	47.40 0.57 -3.46	44.92 0.61 0.00	44.27 0.55 0.00	42.14 0.52 0.00	41.84 0.39 0.00	47.90 0.24 0.00	57.69 0.30 0.00	108.45 0.66 0.00	95.77 0.16 0.00	62.48 -0.01 0.00	49.22 0.00 0.00	44.72 0.17 0.00	44.74 0.34 0.00
WETHRSFD_WT_PWR 323626	36.39 0.08 0.00	33.41 -0.05 0.00	40.70 0.21 0.00	37.27 0.31 0.00	35.28 0.32 0.00	40.73 0.60 0.00	58.61 0.53 0.00	74.85 -0.10 0.00	91.37 -0.24 0.00	45.15 0.69 0.00	47.97 1.45 0.00	46.44 0.90 -2.17	45.45 1.13 0.00	44.81 1.09 0.00	42.58 0.96 0.00	42.15 0.70 0.00	47.71 0.05 0.00	56.51 -0.89 0.00	105.56 -2.23 0.00	92.37 -3.24 0.00	60.09 -2.40 0.00	47.34 -1.87 0.00	43.53 -1.02 0.00	44.56 0.16 0.00
WHAVSTOR_138KV_BK127 55557	37.30 0.98 0.00	34.36 0.90 0.00	41.47 0.97 0.00	37.80 0.84 0.00	35.71 0.74 0.00	40.80 0.67 0.00	59.12 1.04 0.00	76.80 1.86 0.00	93.86 2.25 0.00	45.54 1.08 0.00	47.59 1.07 0.00	44.59 1.22 0.00	45.45 1.13 0.00	44.96 1.24 0.00	43.04 1.42 0.00	42.82 1.37 0.00	49.17 1.51 0.00	59.32 1.92 0.00	111.30 3.51 0.00	98.64 3.03 0.00	64.33 1.85 0.00	50.72 1.51 0.00	45.90 1.35 0.00	45.58 1.18 0.00
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	37.30 0.98 0.00	34.36 0.90 0.00	41.47 0.97 0.00	37.80 0.84 0.00	35.71 0.74 0.00	40.80 0.67 0.00	59.12 1.04 0.00	76.80 1.86 0.00	93.86 2.25 0.00	45.54 1.08 0.00	47.59 1.07 0.00	44.59 1.22 0.00	45.45 1.13 0.00	44.96 1.24 0.00	43.04 1.42 0.00	42.82 1.37 0.00	49.17 1.51 0.00	59.32 1.92 0.00	111.30 3.51 0.00	98.64 3.03 0.00	64.33 1.85 0.00	50.72 1.51 0.00	45.90 1.35 0.00	45.58 1.18 0.00
WHITEHAL_115KV_TB1 80871	38.34 2.03 0.00	35.35 1.89 0.00	42.77 2.27 0.00	38.89 1.93 0.00	36.71 1.74 0.00	42.39 2.26 0.00	61.88 3.80 0.00	80.76 5.81 0.00	97.89 6.28 0.00	45.40 0.93 0.00	46.71 0.19 0.00	42.58 -0.03 0.77	44.99 0.67 0.00	44.43 0.70 0.00	42.34 0.72 0.00	42.62 1.17 0.00	50.13 2.48 0.00	60.97 3.58 0.00	115.41 7.62 0.00	103.35 7.74 0.00	67.67 5.19 0.00	53.05 3.83 0.00	47.70 3.16 0.00	46.60 2.20 0.00
WHITEPLN_13_KV_LOAD 356215	37.75 1.44 0.00	34.77 1.32 0.00	41.92 1.42 0.00	38.20 1.24 0.00	36.07 1.11 0.00	41.22 1.09 0.00	59.69 1.61 0.00	77.64 2.70 0.00	94.96 3.35 0.00	46.17 1.70 0.00	48.21 1.69 0.00	45.17 1.79 0.00	46.03 1.71 0.00	45.52 1.80 0.00	43.62 2.00 0.00	43.43 1.99 0.00	49.86 2.20 0.00	60.10 2.71 0.00	112.70 4.91 0.00	99.78 4.18 0.00	65.09 2.61 0.00	51.31 2.10 0.00	46.43 1.89 0.00	46.11 1.70 0.00
WM_FLOYD_69_KV_BK2 356380	37.15 0.84 0.00	34.27 0.81 0.00	41.05 0.55 0.00	37.30 0.34 0.00	34.79 -0.18 0.00	39.45 -0.68 0.00	48.66 -1.05 8.37	65.12 -0.54 9.29	43.71 -1.01 46.89	24.33 -0.12 20.02	44.44 -0.45 1.62	38.77 -0.13 4.48	41.04 -0.33 2.95	35.65 -0.17 7.91	29.35 0.44 12.72	39.36 0.57 2.65	43.92 0.58 4.32	37.17 1.52 21.74	73.60 1.42 35.62	66.81 1.27 30.07	44.04 0.84 19.28	35.72 1.01 14.50	36.94 1.29 8.88	50.57 1.72 -4.45
WOODARD___115KV_TB2 355635	35.88 -0.44 0.00	33.00 -0.46 0.00	40.00 -0.50 0.00	36.49 -0.47 0.00	34.54 -0.43 0.00	39.63 -0.49 0.00	57.36 -0.72 0.00	74.02 -0.93 0.00	90.47 -1.14 0.00	43.95 -0.51 0.00	45.94 -0.58 0.00	43.58 -0.60 -0.81	43.79 -0.53 0.00	43.18 -0.55 0.00	41.11 -0.51 0.00	40.91 -0.53 0.00	47.04 -0.62 0.00	56.67 -0.73 0.00	106.49 -1.30 0.00	94.21 -1.40 0.00	61.51 -0.98 0.00	48.50 -0.72 0.00	43.93 -0.61 0.00	43.88 -0.52 0.00
WOODMERE_69_KV_BK1 55827	38.03 1.72 0.00	35.02 1.56 0.00	42.08 1.58 0.00	38.27 1.31 0.00	35.81 0.84 0.00	40.78 0.65 0.00	59.07 0.99 0.00	76.82 1.87 0.00	86.62 2.15 7.14	45.76 1.29 0.00	47.82 1.30 0.00	44.96 1.58 0.00	45.82 1.50 0.00	45.36 1.62 -0.01	43.57 1.95 0.00	43.25 1.80 0.00	49.57 1.92 0.00	60.00 2.60 0.00	111.71 3.91 0.00	99.12 3.52 0.00	64.79 2.31 0.00	51.30 2.08 0.00	46.52 1.98 0.00	53.89 2.08 -7.41
YORK___WARBASSE 23770	37.56 1.25 0.00	34.61 1.16 0.00	41.63 1.13 0.00	38.05 1.09 0.00	35.98 1.01 0.00	41.05 0.92 0.00	59.20 1.12 0.00	77.23 2.28 0.00	94.43 2.82 0.00	46.07 1.61 0.00	48.05 1.53 0.00	45.06 1.68 0.00	45.89 1.57 0.00	45.44 1.72 0.00	43.64 2.02 0.00	43.44 2.00 0.00	49.71 2.05 0.00	59.75 2.35 0.00	111.83 4.04 0.00	99.04 3.43 0.00	64.73 2.25 0.00	51.13 1.92 0.00	46.30 1.76 0.00	45.94 1.54 0.00