

Time Weighted/Integrated Real Time LBMP- Generator

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

Generator Data

07/06/2023

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	35.89	34.19	37.02	37.85	38.76	37.77	39.67	43.07	53.76	61.66	59.87	93.39	79.00	67.56	94.23	71.65	86.16	128.06	152.01	74.34	79.26	80.45	58.33	40.80
24138	1.50	1.72	1.84	1.89	1.97	2.03	2.36	2.65	3.36	3.80	3.41	4.92	4.45	4.11	6.09	4.68	5.87	8.45	8.84	3.92	4.38	4.08	2.75	2.02
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-1.41	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
74TH STREET_GT_1	36.00	34.32	37.15	37.98	38.87	37.86	39.73	43.07	53.73	61.62	59.83	93.39	79.00	67.55	94.23	71.64	86.17	128.10	152.10	74.50	79.44	80.62	58.48	40.91
24260	1.62	1.84	1.97	2.01	2.08	2.12	2.41	2.64	3.33	3.76	3.37	4.91	4.45	4.11	6.09	4.68	5.87	8.49	8.93	4.08	4.56	4.25	2.89	2.13
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-1.41	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
74TH STREET_GT_2	36.00	34.32	37.15	37.98	38.87	37.86	39.73	43.07	53.73	61.62	59.83	93.39	79.00	67.55	94.23	71.64	86.17	128.10	152.10	74.50	79.44	80.62	58.48	40.91
24261	1.62	1.84	1.97	2.01	2.08	2.12	2.41	2.64	3.33	3.76	3.37	4.91	4.45	4.11	6.09	4.68	5.87	8.49	8.93	4.08	4.56	4.25	2.89	2.13
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-1.41	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK HUDSON___FALLS	36.64	34.81	37.66	38.40	39.17	38.26	39.81	42.05	53.67	61.53	60.01	93.70	78.80	67.95	94.09	71.91	86.21	128.31	154.06	75.65	80.99	82.44	59.81	41.83
24011	2.25	2.34	2.49	2.43	2.38	2.53	2.50	2.73	3.28	3.67	3.56	5.23	4.24	4.51	5.94	4.95	5.92	8.70	10.90	5.22	6.10	6.06	4.22	3.04
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.31	0.00	0.00	0.00	0.00	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	36.93	35.08	37.97	38.71	39.45	38.59	40.19	42.47	54.14	62.01	60.55	94.69	79.54	68.74	95.04	72.77	87.23	129.89	155.90	76.37	81.82	83.16	60.38	42.24
23798	2.54	2.61	2.79	2.75	2.66	2.85	2.87	3.15	3.74	4.16	4.09	6.22	4.99	5.29	6.90	5.80	6.94	10.27	12.73	5.95	6.94	6.79	4.79	3.45
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.31	0.00	0.00	0.00	0.00	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	36.64	34.81	37.66	38.40	39.17	38.26	39.81	42.05	53.67	61.53	60.01	93.70	78.80	67.95	94.09	71.91	86.21	128.31	154.06	75.65	80.99	82.44	59.81	41.83
24028	2.25	2.34	2.49	2.43	2.38	2.53	2.50	2.73	3.28	3.67	3.56	5.23	4.24	4.51	5.94	4.95	5.92	8.70	10.90	5.22	6.10	6.06	4.22	3.04
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.31	0.00	0.00	0.00	0.00	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	36.16	34.56	37.39	38.09	38.85	37.97	39.18	41.34	52.57	60.28	58.59	90.97	76.72	65.95	91.28	69.36	83.27	124.27	148.63	73.50	78.50	79.62	58.08	40.79
23527	1.78	2.09	2.21	2.12	2.06	2.22	1.87	1.97	2.17	2.43	2.13	2.49	2.16	2.51	3.14	2.39	2.98	4.65	5.46	3.08	3.62	3.25	2.49	2.00
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.36	0.00	0.00	0.00	0.00	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	34.74	33.08	35.84	36.56	37.36	36.42	37.82	39.85	50.91	58.34	56.70	88.26	74.47	63.68	88.36	67.29	80.74	120.33	143.69	70.75	75.58	76.70	55.92	39.32
24190	0.35	0.61	0.66	0.59	0.57	0.68	0.50	0.51	0.51	0.48	0.24	-0.22	-0.08	0.23	0.22	0.33	0.44	0.72	0.52	0.33	0.69	0.33	0.34	0.54
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.32	0.00	0.00	0.00	0.00	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	34.19	32.12	34.76	35.60	36.43	35.32	36.99	38.73	50.01	57.32	56.22	88.18	74.07	62.73	87.01	66.12	79.40	118.31	142.19	69.89	73.96	75.63	55.22	38.42
355683	-0.20	-0.35	-0.42	-0.36	-0.36	-0.42	-0.33	-0.29	-0.39	-0.53	-0.23	-0.30	-0.49	-0.72	-1.13	-0.84	-0.90	-1.30	-0.97	-0.53	-0.93	-0.74	-0.37	-0.36
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	34.74	33.08	35.84	36.56	37.36	36.42	37.82	39.85	50.91	58.34	56.70	88.26	74.47	63.68	88.36	67.29	80.74	120.33	143.69	70.75	75.58	76.70	55.92	39.32
23571	0.35	0.61	0.66	0.59	0.57	0.68	0.50	0.51	0.51	0.48	0.24	-0.22	-0.08	0.23	0.22	0.33	0.44	0.72	0.52	0.33	0.69	0.33	0.34	0.54
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.32	0.00	0.00	0.00	0.00	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	34.74	33.08	35.84	36.56	37.36	36.42	37.82	39.85	50.91	58.34	56.70	88.26	74.47	63.68	88.36	67.29	80.74	120.33	143.69	70.75	75.58	76.70	55.92	39.32
23572	0.35	0.61	0.66	0.59	0.57	0.68	0.50	0.51	0.51	0.48	0.24	-0.22	-0.08	0.23	0.22	0.33	0.44	0.72	0.52	0.33	0.69	0.33	0.34	0.54
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.32	0.00	0.00	0.00	0.00	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___3	34.74	33.08	35.84	36.56	37.36	36.42	37.82	39.85	50.91	58.34	56.70	88.26	74.47	63.68	88.36	67.29	80.74	120.33	143.69	70.75	75.58	76.70	55.92	39.32
23573	0.35	0.61	0.66	0.59	0.57	0.68	0.50	0.51	0.51	0.48	0.24	-0.22	-0.08	0.23	0.22	0.33	0.44	0.72	0.52	0.33	0.69	0.33	0.34	0.54
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.32	0.00	0.00	0.00	0.00	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___4 23574	34.74 0.35 0.00	33.08 0.61 0.00	35.84 0.66 0.00	36.56 0.59 0.00	37.36 0.57 0.00	36.42 0.68 0.00	37.82 0.50 0.00	39.85 0.51 -0.32	50.91 0.51 0.00	58.34 0.48 0.00	56.70 0.24 0.00	88.26 -0.22 0.00	74.47 -0.08 0.00	63.68 0.23 0.00	88.36 0.22 0.00	67.29 0.33 0.00	80.74 0.44 0.00	120.33 0.72 0.00	143.69 0.52 0.00	70.75 0.33 0.00	75.58 0.69 0.00	76.70 0.33 0.00	55.92 0.34 0.00	39.32 0.54 0.00
ALBANY___LFGE 323615	35.18 0.80 0.00	33.49 1.02 0.00	36.29 1.11 0.00	37.00 1.03 0.00	37.81 1.02 0.00	36.87 1.13 0.00	38.29 0.98 0.00	40.36 1.02 -0.32	51.62 1.22 0.00	59.18 1.32 0.00	57.61 1.16 0.00	89.75 1.28 0.00	75.75 1.20 0.00	64.81 1.36 0.00	89.98 1.83 0.00	68.47 1.50 0.00	82.13 1.84 0.00	122.34 2.73 0.00	146.06 2.89 0.00	71.91 1.49 0.00	76.76 1.88 0.00	77.89 1.52 0.00	56.74 1.16 0.00	39.85 1.07 0.00
ALCOA_PA_115KV_PL-6C 55860	34.41 0.03 0.00	32.33 -0.14 0.00	34.97 -0.21 0.00	35.83 -0.14 0.00	36.63 -0.15 0.00	35.50 -0.24 0.00	37.17 -0.14 0.00	38.89 -0.12 0.00	50.22 -0.18 0.00	57.56 -0.30 0.00	56.51 0.05 0.00	88.64 0.16 0.00	74.38 -0.18 0.00	63.02 -0.43 0.00	87.41 -0.73 0.00	66.41 -0.56 0.00	79.80 -0.49 0.00	118.85 -0.76 0.00	142.85 -0.31 0.00	70.24 -0.18 0.00	74.32 -0.57 0.00	76.00 -0.37 0.00	55.59 0.00 0.00	38.68 -0.10 0.00
ALCOA_RYNLDS___DRP 24188	34.41 0.03 0.00	32.33 -0.14 0.00	34.97 -0.21 0.00	35.83 -0.14 0.00	36.63 -0.15 0.00	35.50 -0.24 0.00	37.17 -0.14 0.00	38.89 -0.12 0.00	50.22 -0.18 0.00	57.56 -0.30 0.00	56.51 0.05 0.00	88.64 0.16 0.00	74.38 -0.18 0.00	63.02 -0.43 0.00	87.41 -0.73 0.00	66.41 -0.56 0.00	79.80 -0.49 0.00	118.85 -0.76 0.00	142.85 -0.31 0.00	70.24 -0.18 0.00	74.32 -0.57 0.00	76.00 -0.37 0.00	55.59 0.00 0.00	38.68 -0.10 0.00
ALCOA___DSASP 323711	34.41 0.03 0.00	32.33 -0.14 0.00	34.97 -0.20 0.00	35.83 -0.14 0.00	36.63 -0.16 0.00	35.50 -0.24 0.00	37.17 -0.14 0.00	38.89 -0.12 0.00	50.22 -0.18 0.00	57.56 -0.30 0.00	56.51 0.06 0.00	88.64 0.16 0.00	74.38 -0.18 0.00	63.02 -0.43 0.00	87.41 -0.74 0.00	66.40 -0.56 0.00	79.80 -0.49 0.00	118.86 -0.76 0.00	142.85 -0.31 0.00	70.24 -0.18 0.00	74.32 -0.57 0.00	76.00 -0.37 0.00	55.59 0.01 0.00	38.68 -0.10 0.00
ALLEGHENY___COGEN 23514	36.56 2.18 0.00	33.87 1.40 0.00	36.70 1.53 0.00	37.67 1.71 0.00	38.62 1.83 0.00	37.25 1.51 0.00	39.10 1.78 0.00	40.40 1.38 0.00	51.49 1.09 0.00	57.80 -0.06 0.00	53.36 -3.10 0.00	83.98 -4.49 0.00	69.88 -4.68 0.00	59.76 -3.69 0.00	83.02 -5.13 0.00	62.21 -4.76 0.00	73.98 -6.31 0.00	111.30 -8.31 0.00	133.85 -9.32 0.00	67.34 -3.09 0.00	72.51 -2.37 0.00	75.53 -0.84 0.00	55.64 0.05 0.00	40.74 1.95 0.00
ALTAMONT_115KV_TB 2 55880	35.22 0.83 0.00	33.51 1.04 0.00	36.33 1.16 0.00	37.06 1.10 0.00	37.89 1.10 0.00	36.91 1.18 0.00	38.36 1.04 0.00	40.39 1.06 -0.31	51.64 1.24 0.00	59.16 1.30 0.00	57.52 1.06 0.00	89.66 1.19 0.00	75.63 1.07 0.00	68.69 1.15 -4.09	92.40 1.56 -2.70	68.29 1.32 0.00	81.97 1.68 0.00	122.05 2.43 0.00	145.77 2.60 0.00	71.78 1.35 0.00	76.66 1.78 0.00	77.86 1.49 0.00	56.74 1.15 0.00	39.85 1.07 0.00
ALTONA_WT_PWR 323606	34.99 0.60 0.00	32.83 0.36 0.00	35.43 0.26 0.00	36.29 0.32 0.00	37.05 0.26 0.00	36.16 0.42 0.00	37.94 0.62 0.00	39.77 0.75 0.00	51.31 0.91 0.00	58.45 0.60 0.00	56.85 0.39 0.00	88.99 0.51 0.00	74.04 -0.51 0.00	62.45 -1.00 0.00	86.27 -1.88 0.00	65.73 -1.23 0.00	79.24 -1.06 0.00	117.85 -1.76 0.00	142.85 -0.32 0.00	69.93 -0.49 0.00	74.39 -0.50 0.00	76.54 0.16 0.00	56.67 1.08 0.00	39.46 0.68 0.00
AMERICAN_REF_FUEL 24010	35.25 0.87 0.00	32.72 0.25 0.00	35.60 0.42 0.00	36.66 0.69 0.00	37.56 0.77 0.00	36.02 0.28 0.00	37.68 0.37 0.00	38.62 -0.39 0.00	50.04 -0.36 0.00	57.90 0.05 0.00	56.06 -0.39 0.00	88.30 -0.18 0.00	73.76 -0.80 0.00	62.15 -1.30 0.00	86.22 -1.93 0.00	64.76 -2.20 0.00	75.84 -4.45 0.00	112.70 -6.91 0.00	135.90 -7.27 0.00	67.20 -3.22 0.00	71.99 -2.89 0.00	74.82 -1.55 0.00	54.81 -0.78 0.00	38.61 -0.18 0.00
ARKWRIGHT___SUMMIT_WT_PWR 323751	36.66 2.28 0.00	33.94 1.47 0.00	36.98 1.80 0.00	37.93 1.96 0.00	38.77 1.98 0.00	37.12 1.38 0.00	38.96 1.65 0.00	40.56 1.54 0.00	53.02 2.62 0.00	61.58 3.72 0.00	59.61 3.16 0.00	94.16 5.69 0.00	78.62 4.06 0.00	66.08 2.63 0.00	92.19 4.05 0.00	69.49 2.53 0.00	81.47 1.17 0.00	119.35 -0.26 0.00	144.79 1.62 0.00	70.59 0.17 0.00	76.04 1.15 0.00	79.45 3.08 0.00	58.17 2.58 0.00	40.85 2.06 0.00
ARTHUR_KILL_GT_1 23520	32.61 1.19 2.96	31.08 1.42 2.82	31.52 1.49 5.15	32.16 1.47 5.27	31.16 1.52 7.15	25.66 1.55 11.63	25.14 1.85 14.02	27.89 2.12 13.25	31.47 2.69 21.61	43.14 3.00 17.71	58.98 2.52 0.00	92.15 3.68 0.00	78.19 3.64 0.00	66.77 3.32 0.00	93.50 5.35 0.00	70.86 3.90 0.00	85.37 5.07 0.00	126.91 7.30 0.00	150.59 7.43 0.00	74.04 3.61 0.00	79.16 4.27 -0.01	80.28 3.89 -0.02	59.38 2.61 -1.19	40.65 1.86 -0.01
ARTHUR_KILL_2 23512	32.47 1.04 2.96	30.95 1.30 2.82	31.38 1.35 5.15	32.03 1.34 5.27	31.02 1.39 7.15	25.53 1.41 11.63	25.00 1.70 14.02	27.74 1.98 13.25	31.26 2.48 21.61	42.88 2.73 17.71	58.69 2.24 0.00	91.70 3.23 0.00	77.82 3.26 0.00	66.44 3.00 0.00	93.03 4.88 0.00	70.50 3.54 0.00	84.92 4.63 0.00	126.24 6.63 0.00	149.82 6.66 0.00	73.67 3.25 0.00	78.76 3.87 -0.01	79.89 3.50 -0.02	59.10 2.33 -1.19	40.47 1.68 -0.01
ARTHUR_KILL_3 23513	33.81 1.03 1.60	31.54 1.30 2.24	33.04 1.34 3.48	32.79 1.36 4.54	31.32 1.44 6.91	25.60 1.48 11.62	25.01 1.70 14.01	29.35 1.91 11.57	36.98 2.38 15.80	42.46 2.67 18.07	51.28 2.33 7.50	85.48 3.24 6.24	77.59 3.09 0.06	66.22 2.96 0.19	92.68 4.54 0.00	69.54 3.48 0.90	82.27 4.47 2.49	119.45 6.35 6.51	148.03 6.48 1.61	73.26 2.84 0.00	78.24 3.35 0.00	79.43 3.04 -0.01	57.57 1.98 0.00	40.29 1.50 0.00
ARTHUR_KILL_COGEN 323718	32.61 1.19 2.96	31.08 1.42 2.82	31.52 1.49 5.15	32.16 1.47 5.27	31.16 1.52 7.15	25.66 1.55 11.63	25.14 1.85 14.02	27.89 2.12 13.25	31.47 2.69 21.61	43.14 3.00 17.71	58.98 2.52 0.00	92.15 3.68 0.00	78.19 3.64 0.00	66.77 3.32 0.00	93.50 5.35 0.00	70.86 3.90 0.00	85.37 5.07 0.00	126.91 7.30 0.00	150.59 7.43 0.00	74.04 3.61 0.00	79.16 4.27 -0.01	80.28 3.89 -0.02	59.38 2.61 -1.19	40.65 1.86 -0.01
ASHOKAN____ 23654	35.55 1.16 0.00	33.77 1.30 0.00	36.53 1.35 0.00	37.22 1.25 0.00	38.05 1.27 0.00	37.14 1.40 0.00	38.67 1.35 0.00	40.52 1.50 0.00	52.23 1.83 0.00	59.73 1.88 0.00	58.33 1.88 0.00	90.96 2.48 0.00	76.87 2.31 0.00	12.09 2.77 54.13	56.66 4.16 35.64	70.08 3.12 0.00	84.22 3.93 0.00	125.56 5.95 0.00	149.65 6.49 0.00	73.68 3.26 0.00	78.66 3.77 0.00	79.61 3.24 0.00	57.71 2.13 0.00	40.38 1.59 0.00

ASTORIA_EAST_ENERGY_CC1 323581	35.73 1.34 0.00	34.02 1.55 0.00	36.79 1.62 0.00	37.54 1.57 0.00	38.44 1.66 0.00	37.44 1.71 0.00	39.18 1.87 0.00	42.50 2.07 -1.41	52.93 2.54 0.00	60.75 2.90 0.00	58.90 2.44 0.00	91.92 3.44 0.00	77.84 3.28 0.00	66.59 3.14 0.00	93.05 4.91 0.00	70.69 3.73 0.00	85.10 4.81 0.00	126.57 6.96 0.00	150.18 7.02 0.00	73.59 3.17 0.00	78.60 3.71 0.00	79.78 3.41 0.00	57.91 2.32 0.00	40.51 1.73 0.00
ASTORIA_EAST_ENERGY_CC2 323582	35.73 1.34 0.00	34.02 1.55 0.00	36.79 1.62 0.00	37.54 1.57 0.00	38.44 1.66 0.00	37.44 1.71 0.00	39.18 1.87 0.00	42.50 2.07 -1.41	52.93 2.54 0.00	60.75 2.90 0.00	58.90 2.44 0.00	91.92 3.44 0.00	77.84 3.28 0.00	66.59 3.14 0.00	93.05 4.91 0.00	70.69 3.73 0.00	85.10 4.81 0.00	126.57 6.96 0.00	150.18 7.02 0.00	73.59 3.17 0.00	78.60 3.71 0.00	79.78 3.41 0.00	57.91 2.32 0.00	40.51 1.73 0.00
ASTORIA_GT2_1 24094	35.73 1.35 0.00	34.04 1.57 0.00	36.81 1.64 0.00	37.56 1.60 0.00	38.46 1.68 0.00	37.48 1.74 0.00	39.21 1.90 0.00	42.51 2.09 -1.41	52.97 2.57 0.00	60.78 2.92 0.00	58.91 2.46 0.00	91.98 3.51 0.00	77.88 3.32 0.00	66.61 3.17 0.00	93.11 4.97 0.00	70.75 3.79 0.00	85.14 4.85 0.00	126.67 7.06 0.00	150.27 7.10 0.00	73.63 3.21 0.00	78.64 3.76 0.00	79.82 3.45 0.00	57.96 2.38 0.00	40.54 1.76 0.00
ASTORIA_GT2_2 24095	35.73 1.35 0.00	34.04 1.57 0.00	36.81 1.64 0.00	37.56 1.60 0.00	38.46 1.68 0.00	37.48 1.74 0.00	39.21 1.90 0.00	42.51 2.09 -1.41	52.97 2.57 0.00	60.78 2.92 0.00	58.91 2.46 0.00	91.98 3.51 0.00	77.88 3.32 0.00	66.61 3.17 0.00	93.11 4.97 0.00	70.75 3.79 0.00	85.14 4.85 0.00	126.67 7.06 0.00	150.27 7.10 0.00	73.63 3.21 0.00	78.64 3.76 0.00	79.82 3.45 0.00	57.96 2.38 0.00	40.54 1.76 0.00
ASTORIA_GT2_3 24096	35.73 1.35 0.00	34.04 1.57 0.00	36.81 1.64 0.00	37.56 1.60 0.00	38.46 1.68 0.00	37.48 1.74 0.00	39.21 1.90 0.00	42.51 2.09 -1.41	52.97 2.57 0.00	60.78 2.92 0.00	58.91 2.46 0.00	91.98 3.51 0.00	77.88 3.32 0.00	66.61 3.17 0.00	93.11 4.97 0.00	70.75 3.79 0.00	85.14 4.85 0.00	126.67 7.06 0.00	150.27 7.10 0.00	73.63 3.21 0.00	78.64 3.76 0.00	79.82 3.45 0.00	57.96 2.38 0.00	40.54 1.76 0.00
ASTORIA_GT2_4 24097	35.73 1.35 0.00	34.04 1.57 0.00	36.81 1.64 0.00	37.56 1.60 0.00	38.46 1.68 0.00	37.48 1.74 0.00	39.21 1.90 0.00	42.51 2.09 -1.41	52.97 2.57 0.00	60.78 2.92 0.00	58.91 2.46 0.00	91.98 3.51 0.00	77.88 3.32 0.00	66.61 3.17 0.00	93.11 4.97 0.00	70.75 3.79 0.00	85.14 4.85 0.00	126.67 7.06 0.00	150.27 7.10 0.00	73.63 3.21 0.00	78.64 3.76 0.00	79.82 3.45 0.00	57.96 2.38 0.00	40.54 1.76 0.00
ASTORIA_GT3_1 24098	35.73 1.35 0.00	34.04 1.57 0.00	36.81 1.64 0.00	37.56 1.60 0.00	38.46 1.68 0.00	37.48 1.74 0.00	39.21 1.90 0.00	42.51 2.09 -1.41	52.97 2.57 0.00	60.78 2.92 0.00	58.91 2.46 0.00	91.98 3.51 0.00	77.88 3.32 0.00	66.61 3.17 0.00	93.11 4.97 0.00	70.75 3.79 0.00	85.14 4.85 0.00	126.67 7.06 0.00	150.27 7.10 0.00	73.63 3.21 0.00	78.64 3.76 0.00	79.82 3.45 0.00	57.96 2.38 0.00	40.54 1.76 0.00
ASTORIA_GT3_2 24099	35.73 1.35 0.00	34.04 1.57 0.00	36.81 1.64 0.00	37.56 1.60 0.00	38.46 1.68 0.00	37.48 1.74 0.00	39.21 1.90 0.00	42.51 2.09 -1.41	52.97 2.57 0.00	60.78 2.92 0.00	58.91 2.46 0.00	91.98 3.51 0.00	77.88 3.32 0.00	66.61 3.17 0.00	93.11 4.97 0.00	70.75 3.79 0.00	85.14 4.85 0.00	126.67 7.06 0.00	150.27 7.10 0.00	73.63 3.21 0.00	78.64 3.76 0.00	79.82 3.45 0.00	57.96 2.38 0.00	40.54 1.76 0.00
ASTORIA_GT3_3 24100	35.73 1.35 0.00	34.04 1.57 0.00	36.81 1.64 0.00	37.56 1.60 0.00	38.46 1.68 0.00	37.48 1.74 0.00	39.21 1.90 0.00	42.51 2.09 -1.41	52.97 2.57 0.00	60.78 2.92 0.00	58.91 2.46 0.00	91.98 3.51 0.00	77.88 3.32 0.00	66.61 3.17 0.00	93.11 4.97 0.00	70.75 3.79 0.00	85.14 4.85 0.00	126.67 7.06 0.00	150.27 7.10 0.00	73.63 3.21 0.00	78.64 3.76 0.00	79.82 3.45 0.00	57.96 2.38 0.00	40.54 1.76 0.00
ASTORIA_GT3_4 24101	35.73 1.35 0.00	34.04 1.57 0.00	36.81 1.64 0.00	37.56 1.60 0.00	38.46 1.68 0.00	37.48 1.74 0.00	39.21 1.90 0.00	42.51 2.09 -1.41	52.97 2.57 0.00	60.78 2.92 0.00	58.91 2.46 0.00	91.98 3.51 0.00	77.88 3.32 0.00	66.61 3.17 0.00	93.11 4.97 0.00	70.75 3.79 0.00	85.14 4.85 0.00	126.67 7.06 0.00	150.27 7.10 0.00	73.63 3.21 0.00	78.64 3.76 0.00	79.82 3.45 0.00	57.96 2.38 0.00	40.54 1.76 0.00
ASTORIA_GT4_1 24102	35.73 1.35 0.00	34.04 1.57 0.00	36.81 1.64 0.00	37.56 1.60 0.00	38.46 1.68 0.00	37.48 1.74 0.00	39.21 1.90 0.00	42.51 2.09 -1.41	52.97 2.57 0.00	60.78 2.92 0.00	58.91 2.46 0.00	91.98 3.51 0.00	77.88 3.32 0.00	66.61 3.17 0.00	93.11 4.97 0.00	70.75 3.79 0.00	85.14 4.85 0.00	126.67 7.06 0.00	150.27 7.10 0.00	73.63 3.21 0.00	78.64 3.76 0.00	79.82 3.45 0.00	57.96 2.38 0.00	40.54 1.76 0.00
ASTORIA_GT4_2 24103	35.73 1.35 0.00	34.04 1.57 0.00	36.81 1.64 0.00	37.56 1.60 0.00	38.46 1.68 0.00	37.48 1.74 0.00	39.21 1.90 0.00	42.51 2.09 -1.41	52.97 2.57 0.00	60.78 2.92 0.00	58.91 2.46 0.00	91.98 3.51 0.00	77.88 3.32 0.00	66.61 3.17 0.00	93.11 4.97 0.00	70.75 3.79 0.00	85.14 4.85 0.00	126.67 7.06 0.00	150.27 7.10 0.00	73.63 3.21 0.00	78.64 3.76 0.00	79.82 3.45 0.00	57.96 2.38 0.00	40.54 1.76 0.00
ASTORIA_GT4_3 24104	35.73 1.35 0.00	34.04 1.57 0.00	36.81 1.64 0.00	37.56 1.60 0.00	38.46 1.68 0.00	37.48 1.74 0.00	39.21 1.90 0.00	42.51 2.09 -1.41	52.97 2.57 0.00	60.78 2.92 0.00	58.91 2.46 0.00	91.98 3.51 0.00	77.88 3.32 0.00	66.61 3.17 0.00	93.11 4.97 0.00	70.75 3.79 0.00	85.14 4.85 0.00	126.67 7.06 0.00	150.27 7.10 0.00	73.63 3.21 0.00	78.64 3.76 0.00	79.82 3.45 0.00	57.96 2.38 0.00	40.54 1.76 0.00
ASTORIA_GT4_4 24105	35.73 1.35 0.00	34.04 1.57 0.00	36.81 1.64 0.00	37.56 1.60 0.00	38.46 1.68 0.00	37.48 1.74 0.00	39.21 1.90 0.00	42.51 2.09 -1.41	52.97 2.57 0.00	60.78 2.92 0.00	58.91 2.46 0.00	91.98 3.51 0.00	77.88 3.32 0.00	66.61 3.17 0.00	93.11 4.97 0.00	70.75 3.79 0.00	85.14 4.85 0.00	126.67 7.06 0.00	150.27 7.10 0.00	73.63 3.21 0.00	78.64 3.76 0.00	79.82 3.45 0.00	57.96 2.38 0.00	40.54 1.76 0.00
ASTORIA_GT_1 23523	35.83 1.45 0.00	34.12 1.65 0.00	36.90 1.72 0.00	37.64 1.68 0.00	38.55 1.76 0.00	37.55 1.81 0.00	39.31 2.00 0.00	42.63 2.20 -1.41	53.10 2.70 0.00	60.96 3.10 0.00	59.11 2.65 0.00	92.26 3.78 0.00	78.12 3.56 0.00	66.81 3.36 0.00	93.38 5.23 0.00	70.95 3.98 0.00	85.41 5.11 0.00	127.03 7.42 0.00	150.67 7.50 0.00	73.83 3.40 0.00	78.86 3.98 0.00	80.04 3.67 0.00	58.09 2.50 0.00	40.64 1.86 0.00

ASTORIA_GT_10 24110	35.63 1.24 0.00	33.98 1.51 0.00	36.79 1.61 0.00	37.59 1.63 0.00	38.48 1.69 0.00	37.51 1.77 0.00	39.39 2.07 0.00	42.70 2.27 -1.41	53.15 2.75 0.00	60.88 3.02 0.00	58.95 2.50 0.00	91.99 3.52 0.00	77.86 3.30 0.00	66.57 3.12 0.00	93.00 4.85 0.00	70.66 3.70 0.00	85.02 4.73 0.00	126.40 6.78 0.00	150.05 6.88 0.00	73.50 3.08 0.00	78.46 3.58 0.00	79.64 3.27 0.00	57.10 2.15 0.64	40.41 1.63 0.00
ASTORIA_GT_11 24225	35.63 1.24 0.00	33.98 1.51 0.00	36.79 1.61 0.00	37.59 1.63 0.00	38.48 1.69 0.00	37.51 1.77 0.00	39.39 2.07 0.00	42.70 2.27 -1.41	53.15 2.75 0.00	60.88 3.02 0.00	58.95 2.50 0.00	91.99 3.52 0.00	77.86 3.30 0.00	66.57 3.12 0.00	93.00 4.85 0.00	70.66 3.70 0.00	85.02 4.73 0.00	126.40 6.78 0.00	150.05 6.88 0.00	73.50 3.08 0.00	78.46 3.58 0.00	79.64 3.27 0.00	57.10 2.15 0.64	40.41 1.63 0.00
ASTORIA_GT_12 24226	35.62 1.24 0.00	33.97 1.51 0.00	36.80 1.62 0.00	37.60 1.63 0.00	38.48 1.69 0.00	37.50 1.76 0.00	39.39 2.07 0.00	42.70 2.27 -1.41	53.15 2.75 0.00	60.88 3.02 0.00	58.95 2.50 0.00	92.00 3.53 0.00	77.86 3.30 0.00	66.58 3.13 0.00	92.99 4.85 0.00	70.66 3.70 0.00	85.02 4.73 0.00	126.40 6.78 0.00	150.04 6.88 0.00	73.50 3.08 0.00	78.46 3.58 0.00	79.64 3.27 0.00	57.09 2.15 0.64	40.41 1.63 0.00
ASTORIA_GT_13 24227	35.62 1.24 0.00	33.97 1.51 0.00	36.80 1.62 0.00	37.60 1.63 0.00	38.48 1.69 0.00	37.50 1.76 0.00	39.39 2.07 0.00	42.70 2.27 -1.41	53.15 2.75 0.00	60.88 3.02 0.00	58.95 2.50 0.00	92.00 3.53 0.00	77.86 3.30 0.00	66.58 3.13 0.00	92.99 4.85 0.00	70.66 3.70 0.00	85.02 4.73 0.00	126.40 6.78 0.00	150.04 6.88 0.00	73.50 3.08 0.00	78.46 3.58 0.00	79.64 3.27 0.00	57.09 2.15 0.64	40.41 1.63 0.00
ASTORIA_GT_5 24106	35.83 1.45 0.00	34.12 1.65 0.00	36.90 1.72 0.00	37.64 1.68 0.00	38.55 1.76 0.00	37.55 1.81 0.00	39.31 2.00 0.00	42.63 2.20 -1.41	53.10 2.70 0.00	60.96 3.10 0.00	59.11 2.65 0.00	92.26 3.78 0.00	78.12 3.56 0.00	66.81 3.36 0.00	93.38 5.23 0.00	70.95 3.98 0.00	85.41 5.11 0.00	127.03 7.42 0.00	150.67 7.50 0.00	73.83 3.40 0.00	78.86 3.98 0.00	80.04 3.67 0.00	58.09 2.50 0.00	40.64 1.86 0.00
ASTORIA_GT_7 24107	35.83 1.45 0.00	34.12 1.65 0.00	36.90 1.72 0.00	37.64 1.68 0.00	38.55 1.76 0.00	37.55 1.81 0.00	39.31 2.00 0.00	42.63 2.20 -1.41	53.10 2.70 0.00	60.96 3.10 0.00	59.11 2.65 0.00	92.26 3.78 0.00	78.12 3.56 0.00	66.81 3.36 0.00	93.38 5.23 0.00	70.95 3.98 0.00	85.41 5.11 0.00	127.03 7.42 0.00	150.67 7.50 0.00	73.83 3.40 0.00	78.86 3.98 0.00	80.04 3.67 0.00	58.09 2.50 0.00	40.64 1.86 0.00
ASTORIA_GT_8 24108	35.83 1.45 0.00	34.12 1.65 0.00	36.89 1.71 0.00	37.64 1.68 0.00	38.55 1.76 0.00	37.55 1.82 0.00	39.31 2.00 0.00	42.63 2.20 -1.41	53.10 2.70 0.00	60.95 3.10 0.00	59.10 2.65 0.00	92.26 3.78 0.00	78.13 3.57 0.00	66.81 3.36 0.00	93.39 5.24 0.00	70.95 3.99 0.00	85.40 5.11 0.00	127.03 7.42 0.00	150.67 7.51 0.00	73.83 3.41 0.00	78.87 3.98 0.00	80.04 3.66 0.00	58.11 2.53 0.00	40.64 1.86 0.00
ASTORIA___2 24149	35.73 1.35 0.00	34.04 1.57 0.00	36.82 1.64 0.00	37.57 1.60 0.00	38.46 1.68 0.00	37.48 1.74 0.00	39.21 1.90 0.00	42.51 2.09 -1.41	52.97 2.57 0.00	60.78 2.92 0.00	58.92 2.46 0.00	91.98 3.51 0.00	77.88 3.32 0.00	66.62 3.17 0.00	93.10 4.96 0.00	70.74 3.78 0.00	85.14 4.85 0.00	126.64 7.03 0.00	150.27 7.11 0.00	73.62 3.20 0.00	78.64 3.76 0.00	79.82 3.45 0.00	57.94 2.35 0.00	40.54 1.76 0.00
ASTORIA___3 23516	35.62 1.24 0.00	33.97 1.51 0.00	36.80 1.62 0.00	37.60 1.63 0.00	38.48 1.69 0.00	37.50 1.76 0.00	39.39 2.07 0.00	42.70 2.27 -1.41	53.15 2.75 0.00	60.88 3.02 0.00	58.95 2.49 0.00	91.99 3.52 0.00	77.86 3.30 0.00	66.57 3.13 0.00	92.99 4.85 0.00	70.65 3.69 0.00	85.02 4.73 0.00	126.37 6.76 0.00	150.03 6.87 0.00	73.50 3.08 0.00	78.46 3.58 0.00	79.63 3.26 0.00	57.09 2.14 0.64	40.41 1.63 0.00
ASTORIA___4 23517	35.63 1.24 0.00	33.97 1.50 0.00	36.79 1.61 0.00	37.59 1.63 0.00	38.48 1.69 0.00	37.51 1.77 0.00	39.39 2.07 0.00	42.69 2.27 -1.41	53.14 2.74 0.00	60.88 3.02 0.00	58.95 2.50 0.00	91.98 3.50 0.00	77.86 3.30 0.00	66.56 3.12 0.00	93.00 4.85 0.00	70.66 3.70 0.00	85.02 4.73 0.00	126.38 6.77 0.00	150.05 6.88 0.00	73.50 3.08 0.00	78.46 3.58 0.00	79.64 3.27 0.00	57.10 2.15 0.64	40.41 1.63 0.00
ASTORIA___5 23518	35.62 1.24 0.00	33.97 1.51 0.00	36.80 1.62 0.00	37.60 1.63 0.00	38.48 1.69 0.00	37.50 1.76 0.00	39.39 2.07 0.00	42.70 2.27 -1.41	53.15 2.75 0.00	60.88 3.02 0.00	58.95 2.50 0.00	92.00 3.53 0.00	77.86 3.30 0.00	66.58 3.13 0.00	92.99 4.85 0.00	70.66 3.70 0.00	85.02 4.73 0.00	126.40 6.78 0.00	150.04 6.88 0.00	73.50 3.08 0.00	78.46 3.58 0.00	79.64 3.27 0.00	57.09 2.15 0.64	40.41 1.63 0.00
AST_ENERGY_2_CC3 323677	35.60 1.22 0.00	33.94 1.47 0.00	36.71 1.53 0.00	37.53 1.57 0.00	38.42 1.63 0.00	37.40 1.66 0.00	39.22 1.90 0.00	42.55 2.12 -1.41	53.04 2.65 0.00	60.82 2.96 0.00	59.06 2.60 0.00	92.15 3.68 0.00	77.98 3.42 0.00	66.69 3.24 0.00	93.05 4.91 0.00	70.75 3.79 0.00	85.13 4.84 0.00	126.56 6.95 0.00	150.36 7.19 0.00	73.60 3.18 0.00	78.53 3.64 0.00	79.69 3.32 0.00	57.82 2.23 0.00	40.47 1.69 0.00
AST_ENERGY_2_CC4 323678	35.60 1.22 0.00	33.94 1.47 0.00	36.71 1.53 0.00	37.53 1.57 0.00	38.42 1.63 0.00	37.40 1.66 0.00	39.22 1.90 0.00	42.55 2.12 -1.41	53.04 2.65 0.00	60.82 2.96 0.00	59.06 2.60 0.00	92.15 3.68 0.00	77.98 3.42 0.00	66.69 3.24 0.00	93.05 4.91 0.00	70.75 3.79 0.00	85.13 4.84 0.00	126.56 6.95 0.00	150.36 7.19 0.00	73.60 3.18 0.00	78.53 3.64 0.00	79.69 3.32 0.00	57.82 2.23 0.00	40.47 1.69 0.00
ATHENS_STG_1 23668	35.21 0.82 0.00	33.52 1.05 0.00	36.38 1.21 0.00	37.12 1.16 0.00	37.95 1.16 0.00	36.96 1.22 0.00	38.44 1.13 0.00	40.55 1.15 -0.38	51.76 1.36 0.00	59.31 1.46 0.00	57.66 1.21 0.00	89.96 1.49 0.00	75.93 1.38 0.00	64.84 1.39 0.00	90.12 1.97 0.00	68.57 1.61 0.00	82.39 2.09 0.00	122.59 2.97 0.00	146.16 3.00 0.00	71.87 1.44 0.00	76.75 1.87 0.00	77.98 1.61 0.00	56.83 1.24 0.00	39.91 1.12 0.00
ATHENS_STG_2 23670	35.21 0.82 0.00	33.52 1.05 0.00	36.38 1.21 0.00	37.12 1.16 0.00	37.95 1.16 0.00	36.96 1.22 0.00	38.44 1.13 0.00	40.55 1.15 -0.38	51.76 1.36 0.00	59.31 1.46 0.00	57.66 1.21 0.00	89.96 1.49 0.00	75.93 1.38 0.00	64.84 1.39 0.00	90.12 1.97 0.00	68.57 1.61 0.00	82.39 2.09 0.00	122.59 2.97 0.00	146.16 3.00 0.00	71.87 1.44 0.00	76.75 1.87 0.00	77.98 1.61 0.00	56.83 1.24 0.00	39.91 1.12 0.00

ATHENS_STG_3 23677	35.21 0.82 0.00	33.52 1.05 0.00	36.38 1.21 0.00	37.12 1.16 0.00	37.95 1.16 0.00	36.96 1.22 0.00	38.44 1.13 0.00	40.55 1.15 -0.38	51.76 1.36 0.00	59.31 1.46 0.00	57.66 1.21 0.00	89.96 1.49 0.00	75.93 1.38 0.00	64.84 1.39 0.00	90.12 1.97 0.00	68.57 1.61 0.00	82.39 2.09 0.00	122.59 2.97 0.00	146.16 3.00 0.00	71.87 1.44 0.00	76.75 1.87 0.00	77.98 1.61 0.00	56.83 1.24 0.00	39.91 1.12 0.00
AUBURN___LFGE 323710	36.44 0.96 -1.09	33.80 0.72 -0.61	36.10 0.79 -0.13	36.88 0.88 -0.04	37.76 0.83 -0.14	36.53 0.75 -0.04	38.32 0.99 -0.02	39.83 0.81 0.00	52.88 1.13 -1.35	63.99 1.45 -4.69	61.44 1.15 -3.84	96.16 2.14 -5.55	82.83 1.88 -6.39	70.32 1.75 -5.12	96.03 2.52 -5.37	75.66 1.77 -6.93	89.70 1.96 -7.44	132.31 3.53 -9.17	158.25 4.30 -10.78	80.60 2.07 -8.11	84.22 2.20 -7.12	83.66 2.52 -4.77	59.97 1.75 -2.63	41.02 1.07 -1.17
BABYLON_RES_REC 323704	36.83 2.44 0.00	34.94 2.47 0.00	37.70 2.52 0.00	38.49 2.53 0.00	39.46 2.67 0.00	38.41 2.67 0.00	40.24 2.92 0.00	43.40 2.98 -1.40	54.10 3.70 0.00	60.93 3.07 0.00	58.95 2.49 0.00	91.04 2.56 0.00	77.36 2.67 -0.13	66.29 2.84 0.00	96.75 4.67 -3.94	78.56 3.51 -8.08	85.17 4.88 0.00	130.16 7.46 -3.09	153.90 7.28 -3.46	78.29 3.34 -4.52	87.97 4.73 -8.35	78.87 4.39 1.89	59.51 3.54 -0.38	43.62 3.14 -1.70
BABYLON__69_KV_BK2 356345	37.31 2.93 0.00	35.39 2.92 0.00	38.14 2.97 0.00	38.93 2.96 0.00	39.91 3.12 0.00	38.85 3.11 0.00	40.69 3.37 0.00	43.87 3.45 -1.40	54.75 4.36 0.00	62.04 4.19 0.00	60.29 3.84 0.00	93.18 4.71 0.00	79.67 4.74 -0.37	68.06 4.61 0.00	108.01 7.15 -12.71	98.37 5.34 -26.07	87.34 7.04 0.00	142.36 10.35 -12.39	168.05 10.63 -14.25	91.16 4.97 -15.76	107.25 5.91 -26.44	79.68 5.38 2.08	61.02 4.38 -1.06	44.22 3.74 -1.70
BARON_WINDS___WT_PWR 323822	35.76 1.13 -0.24	33.23 0.62 -0.14	35.91 0.71 -0.03	36.89 0.91 -0.01	37.90 1.08 -0.03	36.65 0.90 -0.01	38.33 1.01 0.00	39.83 0.82 0.00	51.91 1.22 -0.29	60.54 1.65 -1.03	58.58 1.27 -0.86	92.00 2.28 -1.24	77.41 1.42 -1.43	65.59 0.99 -1.15	90.95 1.60 -1.20	69.25 0.74 -1.55	82.05 0.09 -1.67	121.74 0.07 -2.05	145.65 0.07 -2.41	72.46 0.22 -1.82	77.07 0.58 -1.60	78.82 1.38 -1.07	57.31 1.13 -0.59	40.07 1.02 -0.27
BARRETT_IC_1 23704	36.36 1.98 0.00	34.52 2.05 0.00	37.26 2.09 0.00	38.05 2.08 0.00	38.99 2.21 0.00	37.97 2.22 0.00	39.66 2.34 0.00	42.70 2.29 -1.40	53.09 2.69 0.00	60.20 2.35 0.00	58.50 2.04 0.00	90.87 2.39 0.00	77.16 2.60 0.00	66.15 2.70 0.00	92.51 4.37 0.00	70.32 3.36 0.00	84.90 4.60 0.00	126.59 6.97 0.00	149.96 6.79 0.00	73.54 3.11 0.00	78.79 3.90 0.00	100.24 3.61 -20.26	58.52 2.93 -0.01	42.97 2.49 -1.70
BARRETT_IC_10 23701	36.36 1.98 0.00	34.52 2.05 0.00	37.26 2.09 0.00	38.05 2.08 0.00	38.99 2.21 0.00	37.97 2.22 0.00	39.66 2.34 0.00	42.70 2.29 -1.40	53.09 2.69 0.00	60.20 2.35 0.00	58.50 2.04 0.00	90.87 2.39 0.00	77.16 2.60 0.00	66.15 2.70 0.00	92.51 4.37 0.00	70.32 3.36 0.00	84.90 4.60 0.00	126.59 6.97 0.00	149.96 6.79 0.00	73.54 3.11 0.00	78.79 3.90 0.00	100.24 3.61 -20.26	58.52 2.93 -0.01	42.97 2.49 -1.70
BARRETT_IC_11 23702	36.36 1.98 0.00	34.52 2.05 0.00	37.26 2.09 0.00	38.05 2.08 0.00	38.99 2.21 0.00	37.97 2.22 0.00	39.66 2.34 0.00	42.70 2.29 -1.40	53.09 2.69 0.00	60.20 2.35 0.00	58.50 2.04 0.00	90.87 2.39 0.00	77.16 2.60 0.00	66.15 2.70 0.00	92.51 4.37 0.00	70.32 3.36 0.00	84.90 4.60 0.00	126.59 6.97 0.00	149.96 6.79 0.00	73.54 3.11 0.00	78.79 3.90 0.00	100.24 3.61 -20.26	58.52 2.93 -0.01	42.97 2.49 -1.70
BARRETT_IC_12 23703	36.36 1.98 0.00	34.52 2.05 0.00	37.26 2.09 0.00	38.05 2.08 0.00	38.99 2.21 0.00	37.97 2.22 0.00	39.66 2.34 0.00	42.70 2.29 -1.40	53.09 2.69 0.00	60.20 2.35 0.00	58.50 2.04 0.00	90.87 2.39 0.00	77.16 2.60 0.00	66.15 2.70 0.00	92.51 4.37 0.00	70.32 3.36 0.00	84.90 4.60 0.00	126.59 6.97 0.00	149.96 6.79 0.00	73.54 3.11 0.00	78.79 3.90 0.00	100.24 3.61 -20.26	58.52 2.93 -0.01	42.97 2.49 -1.70
BARRETT_IC_2 23705	36.36 1.98 0.00	34.52 2.05 0.00	37.26 2.09 0.00	38.05 2.08 0.00	38.99 2.21 0.00	37.97 2.22 0.00	39.66 2.34 0.00	42.70 2.29 -1.40	53.09 2.69 0.00	60.20 2.35 0.00	58.50 2.04 0.00	90.87 2.39 0.00	77.16 2.60 0.00	66.15 2.70 0.00	92.51 4.37 0.00	70.32 3.36 0.00	84.90 4.60 0.00	126.59 6.97 0.00	149.96 6.79 0.00	73.54 3.11 0.00	78.79 3.90 0.00	100.24 3.61 -20.26	58.52 2.93 -0.01	42.97 2.49 -1.70
BARRETT_IC_3 23706	36.36 1.98 0.00	34.52 2.05 0.00	37.26 2.09 0.00	38.05 2.08 0.00	38.99 2.21 0.00	37.97 2.22 0.00	39.66 2.34 0.00	42.70 2.29 -1.40	53.09 2.69 0.00	60.20 2.35 0.00	58.50 2.04 0.00	90.87 2.39 0.00	77.16 2.60 0.00	66.15 2.70 0.00	92.51 4.37 0.00	70.32 3.36 0.00	84.90 4.60 0.00	126.59 6.97 0.00	149.96 6.79 0.00	73.54 3.11 0.00	78.79 3.90 0.00	100.24 3.61 -20.26	58.52 2.93 -0.01	42.97 2.49 -1.70
BARRETT_IC_4 23707	36.36 1.98 0.00	34.52 2.05 0.00	37.26 2.09 0.00	38.05 2.08 0.00	38.99 2.21 0.00	37.97 2.22 0.00	39.66 2.34 0.00	42.70 2.29 -1.40	53.09 2.69 0.00	60.20 2.35 0.00	58.50 2.04 0.00	90.87 2.39 0.00	77.16 2.60 0.00	66.15 2.70 0.00	92.51 4.37 0.00	70.32 3.36 0.00	84.90 4.60 0.00	126.59 6.97 0.00	149.96 6.79 0.00	73.54 3.11 0.00	78.79 3.90 0.00	100.24 3.61 -20.26	58.52 2.93 -0.01	42.97 2.49 -1.70
BARRETT_IC_5 23708	36.36 1.98 0.00	34.52 2.05 0.00	37.26 2.09 0.00	38.05 2.08 0.00	38.99 2.21 0.00	37.97 2.22 0.00	39.66 2.34 0.00	42.70 2.29 -1.40	53.09 2.69 0.00	60.20 2.35 0.00	58.50 2.04 0.00	90.87 2.39 0.00	77.16 2.60 0.00	66.15 2.70 0.00	92.51 4.37 0.00	70.32 3.36 0.00	84.90 4.60 0.00	126.59 6.97 0.00	149.96 6.79 0.00	73.54 3.11 0.00	78.79 3.90 0.00	100.24 3.61 -20.26	58.52 2.93 -0.01	42.97 2.49 -1.70
BARRETT_IC_6 23709	36.36 1.98 0.00	34.52 2.05 0.00	37.26 2.09 0.00	38.05 2.08 0.00	38.99 2.21 0.00	37.97 2.22 0.00	39.66 2.34 0.00	42.70 2.29 -1.40	53.09 2.69 0.00	60.20 2.35 0.00	58.50 2.04 0.00	90.87 2.39 0.00	77.16 2.60 0.00	66.15 2.70 0.00	92.51 4.37 0.00	70.32 3.36 0.00	84.90 4.60 0.00	126.59 6.97 0.00	149.96 6.79 0.00	73.54 3.11 0.00	78.79 3.90 0.00	100.24 3.61 -20.26	58.52 2.93 -0.01	42.97 2.49 -1.70
BARRETT_IC_7 23710	36.36 1.98 0.00	34.52 2.05 0.00	37.26 2.09 0.00	38.04 2.08 0.00	39.00 2.21 0.00	37.97 2.23 0.00	39.65 2.34 0.00	42.70 2.29 -1.40	53.10 2.71 0.00	60.19 2.34 0.00	58.49 2.03 0.00	90.87 2.39 0.00	77.16 2.60 0.00	66.15 2.71 0.00	92.51 4.37 0.00	70.33 3.37 0.00	84.90 4.61 0.00	126.59 6.97 0.00	149.96 6.79 0.00	73.54 3.11 0.00	78.79 3.90 0.00	100.23 3.60 -20.26	58.52 2.93 0.00	42.97 2.49 -1.70

BARRETT_IC_8 23711	36.36 1.98 0.00	34.52 2.05 0.00	37.26 2.09 0.00	38.05 2.08 0.00	38.99 2.21 0.00	37.97 2.22 0.00	39.66 2.34 0.00	42.70 2.29 -1.40	53.09 2.69 0.00	60.20 2.35 0.00	58.50 2.04 0.00	90.87 2.39 0.00	77.16 2.60 0.00	66.15 2.70 0.00	92.51 4.37 0.00	70.32 3.36 0.00	84.90 4.60 0.00	126.59 6.97 0.00	149.96 6.79 0.00	73.54 3.11 0.00	78.79 3.90 0.00	100.24 3.61 -20.26	58.52 2.93 -0.01	42.97 2.49 -1.70
BARRETT_IC_9 23700	36.36 1.98 0.00	34.52 2.05 0.00	37.26 2.09 0.00	38.05 2.08 0.00	38.99 2.21 0.00	37.97 2.22 0.00	39.66 2.34 0.00	42.70 2.29 -1.40	53.09 2.69 0.00	60.20 2.35 0.00	58.50 2.04 0.00	90.87 2.39 0.00	77.16 2.60 0.00	66.15 2.70 0.00	92.51 4.37 0.00	70.32 3.36 0.00	84.90 4.60 0.00	126.59 6.97 0.00	149.96 6.79 0.00	73.54 3.11 0.00	78.79 3.90 0.00	100.24 3.61 -20.26	58.52 2.93 -0.01	42.97 2.49 -1.70
BARRETT___1 23545	36.36 1.98 0.00	34.52 2.05 0.00	37.26 2.09 0.00	38.05 2.08 0.00	38.99 2.21 0.00	37.97 2.22 0.00	39.66 2.34 0.00	42.70 2.29 -1.40	53.09 2.69 0.00	60.20 2.35 0.00	58.50 2.04 0.00	90.87 2.39 0.00	77.16 2.60 0.00	66.15 2.70 0.00	92.51 4.37 0.00	70.32 3.36 0.00	84.90 4.60 0.00	126.59 6.97 0.00	149.96 6.79 0.00	73.54 3.11 0.00	78.79 3.90 0.00	100.24 3.61 -20.26	58.52 2.93 -0.01	42.97 2.49 -1.70
BARRETT___2 23546	36.36 1.98 0.00	34.52 2.05 0.00	37.26 2.09 0.00	38.05 2.08 0.00	38.99 2.21 0.00	37.97 2.22 0.00	39.66 2.34 0.00	42.70 2.29 -1.40	53.09 2.69 0.00	60.20 2.35 0.00	58.50 2.04 0.00	90.87 2.39 0.00	77.16 2.60 0.00	66.15 2.70 0.00	92.51 4.37 0.00	70.32 3.36 0.00	84.90 4.60 0.00	126.59 6.97 0.00	149.96 6.79 0.00	73.54 3.11 0.00	78.79 3.90 0.00	100.24 3.61 -20.26	58.52 2.93 -0.01	42.97 2.49 -1.70
BATAVIA___115KV_TB1 55881	36.70 2.31 0.00	33.99 1.52 0.00	36.85 1.67 0.00	37.86 1.89 0.00	38.81 2.03 0.00	37.32 1.58 0.00	39.07 1.76 0.00	40.36 1.34 0.00	52.44 2.04 0.00	60.65 2.79 0.00	58.93 2.47 0.00	92.65 4.18 0.00	76.76 2.20 0.00	65.01 1.56 0.00	90.31 2.17 0.00	68.00 1.04 0.00	80.26 -0.03 0.00	119.12 -0.49 0.00	143.08 -0.09 0.00	70.75 0.32 0.00	75.60 0.71 0.00	78.23 1.86 0.00	57.10 1.51 0.00	40.49 1.71 0.00
BAYONEEC___CTG1 323682	35.60 1.21 0.00	33.96 1.49 0.00	36.72 1.54 0.00	37.54 1.58 0.00	38.44 1.66 0.00	37.41 1.67 0.00	39.22 1.91 0.00	42.55 2.13 -1.41	43.49 2.65 9.56	42.75 2.96 18.07	51.57 2.61 7.50	85.91 3.68 6.24	77.93 3.43 0.06	66.52 3.26 0.19	93.06 4.91 0.00	69.85 3.79 0.90	82.64 4.84 2.49	120.05 6.95 6.51	148.73 7.17 1.61	73.59 3.17 0.00	78.53 3.64 0.00	79.71 3.33 0.00	57.82 2.23 0.00	40.46 1.68 0.00
BAYONEEC___CTG10 323750	35.60 1.21 0.00	33.96 1.49 0.00	36.72 1.54 0.00	37.54 1.58 0.00	38.44 1.66 0.00	37.41 1.67 0.00	39.22 1.91 0.00	42.55 2.13 -1.41	43.49 2.65 9.56	42.75 2.96 18.07	51.57 2.61 7.50	85.91 3.68 6.24	77.93 3.43 0.06	66.52 3.26 0.19	93.06 4.91 0.00	69.85 3.79 0.90	82.64 4.84 2.49	120.05 6.95 6.51	148.73 7.17 1.61	73.59 3.17 0.00	78.53 3.64 0.00	79.71 3.33 0.00	57.82 2.23 0.00	40.46 1.68 0.00
BAYONEEC___CTG2 323683	35.60 1.21 0.00	33.96 1.49 0.00	36.72 1.54 0.00	37.54 1.58 0.00	38.44 1.66 0.00	37.41 1.67 0.00	39.22 1.91 0.00	42.55 2.13 -1.41	43.49 2.65 9.56	42.75 2.96 18.07	51.57 2.61 7.50	85.91 3.68 6.24	77.93 3.43 0.06	66.52 3.26 0.19	93.06 4.91 0.00	69.85 3.79 0.90	82.64 4.84 2.49	120.05 6.95 6.51	148.73 7.17 1.61	73.59 3.17 0.00	78.53 3.64 0.00	79.71 3.33 0.00	57.82 2.23 0.00	40.46 1.68 0.00
BAYONEEC___CTG3 323684	35.60 1.21 0.00	33.96 1.49 0.00	36.72 1.54 0.00	37.54 1.58 0.00	38.44 1.66 0.00	37.41 1.67 0.00	39.22 1.91 0.00	42.55 2.13 -1.41	43.49 2.65 9.56	42.75 2.96 18.07	51.57 2.61 7.50	85.91 3.68 6.24	77.93 3.43 0.06	66.52 3.26 0.19	93.06 4.91 0.00	69.85 3.79 0.90	82.64 4.84 2.49	120.05 6.95 6.51	148.73 7.17 1.61	73.59 3.17 0.00	78.53 3.64 0.00	79.71 3.33 0.00	57.82 2.23 0.00	40.46 1.68 0.00
BAYONEEC___CTG4 323685	35.60 1.21 0.00	33.96 1.49 0.00	36.72 1.54 0.00	37.54 1.58 0.00	38.44 1.66 0.00	37.41 1.67 0.00	39.22 1.91 0.00	42.55 2.13 -1.41	43.49 2.65 9.56	42.75 2.96 18.07	51.57 2.61 7.50	85.91 3.68 6.24	77.93 3.43 0.06	66.52 3.26 0.19	93.06 4.91 0.00	69.85 3.79 0.90	82.64 4.84 2.49	120.05 6.95 6.51	148.73 7.17 1.61	73.59 3.17 0.00	78.53 3.64 0.00	79.71 3.33 0.00	57.82 2.23 0.00	40.46 1.68 0.00
BAYONEEC___CTG5 323686	35.60 1.21 0.00	33.96 1.49 0.00	36.72 1.54 0.00	37.54 1.58 0.00	38.44 1.66 0.00	37.41 1.67 0.00	39.22 1.91 0.00	42.55 2.13 -1.41	43.49 2.65 9.56	42.75 2.96 18.07	51.57 2.61 7.50	85.91 3.68 6.24	77.93 3.43 0.06	66.52 3.26 0.19	93.06 4.91 0.00	69.85 3.79 0.90	82.64 4.84 2.49	120.05 6.95 6.51	148.73 7.17 1.61	73.59 3.17 0.00	78.53 3.64 0.00	79.71 3.33 0.00	57.82 2.23 0.00	40.46 1.68 0.00
BAYONEEC___CTG6 323687	35.60 1.21 0.00	33.96 1.49 0.00	36.72 1.54 0.00	37.54 1.58 0.00	38.44 1.66 0.00	37.41 1.67 0.00	39.22 1.91 0.00	42.55 2.13 -1.41	43.49 2.65 9.56	42.75 2.96 18.07	51.57 2.61 7.50	85.91 3.68 6.24	77.93 3.43 0.06	66.52 3.26 0.19	93.06 4.91 0.00	69.85 3.79 0.90	82.64 4.84 2.49	120.05 6.95 6.51	148.73 7.17 1.61	73.59 3.17 0.00	78.53 3.64 0.00	79.71 3.33 0.00	57.82 2.23 0.00	40.46 1.68 0.00
BAYONEEC___CTG7 323688	35.60 1.21 0.00	33.96 1.49 0.00	36.72 1.54 0.00	37.54 1.58 0.00	38.44 1.66 0.00	37.41 1.67 0.00	39.22 1.91 0.00	42.55 2.13 -1.41	43.49 2.65 9.56	42.75 2.96 18.07	51.57 2.61 7.50	85.91 3.68 6.24	77.93 3.43 0.06	66.52 3.26 0.19	93.06 4.91 0.00	69.85 3.79 0.90	82.64 4.84 2.49	120.05 6.95 6.51	148.73 7.17 1.61	73.59 3.17 0.00	78.53 3.64 0.00	79.71 3.33 0.00	57.82 2.23 0.00	40.46 1.68 0.00
BAYONEEC___CTG8 323689	35.60 1.21 0.00	33.96 1.49 0.00	36.72 1.54 0.00	37.54 1.58 0.00	38.44 1.66 0.00	37.41 1.67 0.00	39.22 1.91 0.00	42.55 2.13 -1.41	43.49 2.65 9.56	42.75 2.96 18.07	51.57 2.61 7.50	85.91 3.68 6.24	77.93 3.43 0.06	66.52 3.26 0.19	93.06 4.91 0.00	69.85 3.79 0.90	82.64 4.84 2.49	120.05 6.95 6.51	148.73 7.17 1.61	73.59 3.17 0.00	78.53 3.64 0.00	79.71 3.33 0.00	57.82 2.23 0.00	40.46 1.68 0.00
BAYONEEC___CTG9 323749	35.60 1.21 0.00	33.96 1.49 0.00	36.72 1.54 0.00	37.54 1.58 0.00	38.44 1.66 0.00	37.41 1.67 0.00	39.22 1.91 0.00	42.55 2.13 -1.41	43.49 2.65 9.56	42.75 2.96 18.07	51.57 2.61 7.50	85.91 3.68 6.24	77.93 3.43 0.06	66.52 3.26 0.19	93.06 4.91 0.00	69.85 3.79 0.90	82.64 4.84 2.49	120.05 6.95 6.51	148.73 7.17 1.61	73.59 3.17 0.00	78.53 3.64 0.00	79.71 3.33 0.00	57.82 2.23 0.00	40.46 1.68 0.00

BEACON___LESR 323632	35.22 0.83 0.00	33.48 1.02 0.00	36.33 1.16 0.00	37.03 1.07 0.00	37.87 1.08 0.00	36.91 1.17 0.00	38.43 1.12 0.00	40.57 1.23 -0.32	51.84 1.44 0.00	59.21 1.35 0.00	57.88 1.42 0.00	89.90 1.43 0.00	75.90 1.34 0.00	64.90 1.46 0.00	89.96 1.81 0.00	68.61 1.65 0.00	82.10 1.81 0.00	122.44 2.83 0.00	146.19 3.02 0.00	72.06 1.64 0.00	76.87 1.98 0.00	78.07 1.70 0.00	56.76 1.17 0.00	39.94 1.16 0.00
BEAVER RIVER___HYD 24048	35.71 0.66 -0.67	33.24 0.40 -0.37	35.64 0.38 -0.08	36.36 0.37 -0.03	37.18 0.31 -0.08	36.05 0.28 -0.03	37.86 0.53 -0.01	39.48 0.46 0.00	51.69 0.47 -0.82	61.04 0.33 -2.85	59.24 0.45 -2.34	92.56 0.71 -3.38	78.66 0.22 -3.89	66.98 0.42 -3.12	91.75 0.34 -3.27	71.17 0.00 -4.21	85.75 0.93 -4.53	126.80 1.61 -5.58	151.18 1.46 -6.56	77.28 1.93 -4.93	81.16 1.93 -4.34	81.79 2.54 -2.88	58.87 2.00 -1.28	40.52 1.18 -0.56
BEEBEE_GT_13 23619	35.75 1.36 0.00	33.25 0.77 0.00	36.01 0.83 0.00	36.94 0.97 0.00	37.81 1.03 0.00	36.48 0.74 0.00	38.20 0.89 0.00	39.77 0.76 0.00	51.67 1.27 0.00	59.72 1.86 0.00	58.09 1.63 0.00	91.56 3.08 0.00	76.94 2.39 0.00	65.24 1.79 0.00	90.69 2.55 0.00	68.44 1.48 0.00	81.04 0.74 0.00	120.46 0.85 0.00	144.49 1.32 0.00	71.20 0.78 0.00	75.89 1.01 0.00	78.07 1.70 0.00	56.79 1.20 0.00	39.77 0.98 0.00
BENSHRST_27_KV_BENSHRST_1 355998	36.07 1.69 0.00	34.36 1.89 0.00	37.17 1.99 0.00	37.95 1.98 0.00	38.84 2.05 0.00	37.79 2.05 0.00	39.70 2.39 0.00	43.12 2.69 -1.41	53.84 3.44 0.00	61.72 3.87 0.00	59.71 3.26 0.00	93.31 4.84 0.00	79.04 4.48 0.00	67.49 4.05 0.00	94.35 6.21 0.00	71.62 4.66 0.00	86.17 5.88 0.00	128.05 8.44 0.00	151.88 8.72 0.00	74.55 4.12 0.00	79.72 4.83 -0.01	80.90 4.51 -0.02	59.86 3.09 -1.19	41.03 2.24 -0.01
BETHLEHEM___GRP 23843	34.74 0.35 0.00	33.08 0.61 0.00	35.84 0.66 0.00	36.56 0.59 0.00	37.36 0.57 0.00	36.42 0.68 0.00	37.82 0.50 0.00	39.85 0.51 -0.32	50.91 0.51 0.00	58.34 0.48 0.00	56.70 0.24 0.00	88.26 -0.22 0.00	74.47 -0.08 0.00	63.68 0.23 0.00	88.36 0.22 0.00	67.29 0.33 0.00	80.74 0.44 0.00	120.33 0.72 0.00	143.69 0.52 0.00	70.75 0.33 0.00	75.58 0.69 0.00	76.70 0.33 0.00	55.92 0.34 0.00	39.32 0.54 0.00
BETHLEHEM___GS1 323560	34.74 0.35 0.00	33.07 0.60 0.00	35.84 0.66 0.00	36.56 0.59 0.00	37.35 0.57 0.00	36.41 0.67 0.00	37.82 0.50 0.00	39.85 0.51 -0.32	50.92 0.51 0.00	58.34 0.48 0.00	56.70 0.25 0.00	88.26 -0.22 0.00	74.47 -0.08 0.00	63.68 0.23 0.00	88.36 0.22 0.00	67.28 0.32 0.00	80.74 0.45 0.00	120.33 0.72 0.00	143.68 0.51 0.00	70.76 0.33 0.00	75.58 0.69 0.00	76.71 0.34 0.00	55.92 0.33 0.00	39.32 0.54 0.00
BETHLEHEM___GS2 323561	34.74 0.35 0.00	33.07 0.60 0.00	35.84 0.66 0.00	36.56 0.59 0.00	37.35 0.57 0.00	36.41 0.67 0.00	37.82 0.50 0.00	39.85 0.51 -0.32	50.92 0.51 0.00	58.34 0.48 0.00	56.70 0.25 0.00	88.26 -0.22 0.00	74.47 -0.08 0.00	63.68 0.23 0.00	88.36 0.22 0.00	67.28 0.32 0.00	80.74 0.45 0.00	120.33 0.72 0.00	143.68 0.51 0.00	70.76 0.33 0.00	75.58 0.69 0.00	76.71 0.34 0.00	55.92 0.33 0.00	39.32 0.54 0.00
BETHLEHEM___GS3 323562	34.74 0.35 0.00	33.07 0.60 0.00	35.84 0.66 0.00	36.56 0.59 0.00	37.35 0.57 0.00	36.41 0.67 0.00	37.82 0.50 0.00	39.85 0.51 -0.32	50.92 0.51 0.00	58.34 0.48 0.00	56.70 0.25 0.00	88.26 -0.22 0.00	74.47 -0.08 0.00	63.68 0.23 0.00	88.36 0.22 0.00	67.28 0.32 0.00	80.74 0.45 0.00	120.33 0.72 0.00	143.68 0.51 0.00	70.76 0.33 0.00	75.58 0.69 0.00	76.71 0.34 0.00	55.92 0.33 0.00	39.32 0.54 0.00
BETHLEHEM___STEEL 23779	36.16 1.77 0.00	33.45 0.98 0.00	36.30 1.12 0.00	37.33 1.36 0.00	38.27 1.48 0.00	36.74 1.01 0.00	38.46 1.15 0.00	39.87 0.85 0.00	51.85 1.45 0.00	60.03 2.17 0.00	58.26 1.80 0.00	91.89 3.42 0.00	76.82 2.27 0.00	64.92 1.48 0.00	90.21 2.06 0.00	67.79 0.83 0.00	79.62 -0.67 0.00	118.24 -1.37 0.00	142.12 -1.05 0.00	70.09 -0.33 0.00	74.92 0.03 0.00	77.72 1.34 0.00	56.76 1.17 0.00	39.87 1.09 0.00
BETHLHEM_115KV_TB1 79974	34.84 0.45 0.00	33.16 0.69 0.00	35.95 0.77 0.00	36.67 0.70 0.00	37.47 0.68 0.00	36.52 0.78 0.00	37.93 0.62 0.00	39.96 0.63 -0.32	51.06 0.67 0.00	58.51 0.65 0.00	56.86 0.40 0.00	88.53 0.05 0.00	74.69 0.14 0.00	63.84 0.40 0.00	88.62 0.47 0.00	67.47 0.51 0.00	80.97 0.67 0.00	120.66 1.04 0.00	144.06 0.89 0.00	70.93 0.51 0.00	75.76 0.88 0.00	76.90 0.53 0.00	56.07 0.49 0.00	39.42 0.63 0.00
BETHPAGE_CC_5 323564	36.42 2.03 0.00	34.62 2.15 0.00	37.38 2.21 0.00	38.26 2.29 0.00	39.21 2.42 0.00	38.17 2.43 0.00	39.97 2.66 0.00	43.04 2.63 -1.40	53.64 3.24 0.00	60.81 2.96 0.00	59.06 2.60 0.00	91.57 3.09 0.00	77.91 3.28 -0.07	66.79 3.34 0.00	94.38 5.29 -0.95	72.93 4.00 -1.97	85.74 5.45 0.00	127.62 8.01 0.00	151.06 7.90 0.00	74.52 3.61 -0.49	81.45 4.28 -2.28	78.90 3.75 1.22	58.76 2.97 -0.20	43.12 2.64 -1.70
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	36.24 1.85 0.00	33.52 1.05 0.00	36.39 1.21 0.00	37.41 1.44 0.00	38.34 1.55 0.00	36.83 1.09 0.00	38.57 1.25 0.00	40.00 0.98 0.00	52.02 1.62 0.00	60.24 2.38 0.00	58.51 2.06 0.00	92.30 3.82 0.00	77.19 2.63 0.00	65.24 1.79 0.00	90.70 2.56 0.00	68.17 1.21 0.00	80.09 -0.20 0.00	118.90 -0.72 0.00	142.82 -0.34 0.00	70.39 -0.03 0.00	75.26 0.37 0.00	78.04 1.67 0.00	56.97 1.38 0.00	40.00 1.21 0.00
BINGHAMTON___COGEN 23790	35.49 0.64 -0.46	33.27 0.54 -0.26	35.86 0.63 -0.06	36.63 0.64 -0.02	37.53 0.69 -0.06	36.41 0.65 -0.02	38.04 0.71 -0.01	39.71 0.70 0.00	51.93 0.95 -0.58	61.04 1.19 -1.99	59.11 1.03 -1.63	92.75 1.92 -2.36	78.75 1.49 -2.71	66.86 1.24 -2.18	92.32 1.89 -2.28	71.15 1.24 -2.94	84.66 1.21 -3.16	125.32 1.82 -3.89	149.61 1.86 -4.58	74.82 0.96 -3.44	79.06 1.15 -3.02	79.87 1.48 -2.02	57.68 0.98 -1.12	40.03 0.74 -0.50
BIXINCNT_115KV_LOAD 355685	36.25 1.86 0.00	33.52 1.04 0.00	36.46 1.28 0.00	37.55 1.59 0.00	38.53 1.74 0.00	37.07 1.33 0.00	38.84 1.53 0.00	40.34 1.32 0.00	52.40 2.00 0.00	60.61 2.75 0.00	58.77 2.32 0.00	92.11 3.63 0.00	76.87 2.32 0.00	65.09 1.65 0.00	90.84 2.69 0.00	68.36 1.40 0.00	80.38 0.08 0.00	119.34 -0.27 0.00	142.77 -0.40 0.00	69.90 -0.52 0.00	75.34 0.45 0.00	78.19 1.82 0.00	57.10 1.51 0.00	40.06 1.28 0.00
BLACK RIVER___HYD 24047	36.30 0.86 -1.05	33.60 0.54 -0.59	35.80 0.50 -0.13	36.49 0.48 -0.04	37.37 0.45 -0.13	36.25 0.47 -0.04	38.03 0.70 -0.02	39.62 0.60 0.00	52.29 0.59 -1.30	62.85 0.49 -4.51	60.72 0.58 -3.69	94.73 0.92 -5.34	81.09 0.39 -6.14	69.15 0.77 -4.93	94.21 0.90 -5.16	73.94 0.31 -6.66	88.83 1.38 -7.16	130.91 2.48 -8.82	156.18 2.64 -10.37	80.91 2.69 -7.80	84.64 2.90 -6.86	84.56 3.63 -4.55	60.28 2.67 -2.02	41.23 1.57 -0.88

BLACKRVR_115KV_TB2 79977	36.30 0.86 -1.05	33.59 0.53 -0.59	35.80 0.50 -0.13	36.48 0.48 -0.04	37.37 0.45 -0.13	36.25 0.47 -0.04	38.04 0.70 -0.02	39.62 0.60 0.00	52.29 0.59 -1.30	62.84 0.48 -4.51	60.72 0.58 -3.69	94.73 0.92 -5.34	81.08 0.38 -6.14	69.15 0.77 -4.93	94.21 0.90 -5.16	73.94 0.31 -6.66	88.83 1.38 -7.16	130.92 2.48 -8.82	156.18 2.64 -10.37	80.91 2.69 -7.80	84.64 2.90 -6.86	84.56 3.64 -4.55	60.28 2.67 -2.02	41.23 1.57 -0.88
BLISS_WT_PWR 323608	36.26 1.87 0.00	33.50 1.03 0.00	36.44 1.27 0.00	37.58 1.61 0.00	38.56 1.77 0.00	37.09 1.35 0.00	38.88 1.56 0.00	40.38 1.37 0.00	52.47 2.07 0.00	60.71 2.86 0.00	58.81 2.35 0.00	92.03 3.56 0.00	76.77 2.21 0.00	65.04 1.60 0.00	90.82 2.68 0.00	68.39 1.43 0.00	80.40 0.11 0.00	119.50 -0.11 0.00	142.84 -0.33 0.00	69.80 -0.62 0.00	75.39 0.51 0.00	78.26 1.89 0.00	57.15 1.56 0.00	40.11 1.32 0.00
BLUE_CIRC_CHEM_DRP 24182	35.30 0.91 0.00	33.60 1.13 0.00	36.47 1.29 0.00	37.21 1.24 0.00	38.03 1.24 0.00	37.06 1.32 0.00	38.47 1.15 0.00	40.46 1.16 -0.29	51.74 1.34 0.00	59.19 1.34 0.00	57.26 0.81 0.00	88.44 -0.04 0.00	73.95 -0.61 0.00	1.26 -0.37 61.82	46.61 -0.82 40.71	66.59 -0.37 0.00	79.90 -0.39 0.00	119.31 -0.30 0.00	142.56 -0.60 0.00	70.27 -0.15 0.00	75.09 0.21 0.00	76.23 -0.15 0.00	55.90 0.31 0.00	39.79 1.01 0.00
BOC_GAS_DRP 24189	35.03 0.65 0.00	33.34 0.87 0.00	36.17 0.99 0.00	36.91 0.95 0.00	37.73 0.94 0.00	36.74 1.00 0.00	38.18 0.86 0.00	40.20 0.87 -0.31	51.39 0.99 0.00	58.87 1.01 0.00	57.19 0.74 0.00	89.10 0.63 0.00	75.12 0.56 0.00	68.57 0.68 -4.44	91.93 0.86 -2.92	67.75 0.79 0.00	81.36 1.06 0.00	121.20 1.59 0.00	144.67 1.50 0.00	71.23 0.81 0.00	76.09 1.21 0.00	77.29 0.92 0.00	56.35 0.76 0.00	39.61 0.83 0.00
BOONVILLE_115KV_TB1 79983	35.55 0.92 -0.24	33.37 0.76 -0.14	35.97 0.76 -0.03	36.73 0.76 -0.01	37.60 0.78 -0.03	36.56 0.80 -0.01	38.21 0.89 0.00	39.95 0.93 0.00	51.94 1.24 -0.30	60.32 1.40 -1.06	58.97 1.65 -0.87	92.47 2.74 -1.25	78.22 2.22 -1.44	66.67 2.07 -1.16	92.27 2.91 -1.21	70.59 2.07 -1.56	84.73 2.75 -1.68	125.48 3.80 -2.07	150.09 4.49 -2.43	74.92 2.67 -1.83	79.31 2.82 -1.61	80.45 3.01 -1.07	58.15 2.06 -0.51	40.30 1.30 -0.22
BORALEX_4TH_BRANCH 23824	36.16 1.78 0.00	34.56 2.09 0.00	37.39 2.21 0.00	38.09 2.12 0.00	38.85 2.06 0.00	37.97 2.22 0.00	39.18 1.87 0.00	41.34 1.97 -0.36	52.57 2.17 0.00	60.28 2.43 0.00	58.59 2.13 0.00	90.97 2.49 0.00	76.72 2.16 0.00	65.95 2.51 0.00	91.28 3.14 0.00	69.36 2.39 0.00	83.27 2.98 0.00	124.27 4.65 0.00	148.63 5.46 0.00	73.50 3.08 0.00	78.50 3.62 0.00	79.62 3.25 0.00	58.08 2.49 0.00	40.79 2.00 0.00
BOWLINE___1 23526	35.53 1.15 0.00	33.75 1.28 0.00	36.49 1.31 0.00	37.26 1.29 0.00	38.13 1.34 0.00	37.09 1.35 0.00	38.84 1.53 0.00	38.67 1.67 2.01	52.47 2.07 0.00	60.32 2.47 0.00	58.63 2.18 0.00	91.35 2.87 0.00	77.26 2.70 0.00	66.04 2.60 0.00	92.08 3.94 0.00	70.04 3.08 0.00	84.28 3.98 0.00	125.37 5.76 0.00	149.13 5.96 0.00	73.06 2.64 0.00	77.90 3.01 0.00	79.12 2.75 0.00	57.51 1.92 0.00	40.25 1.47 0.00
BOWLINE___2 23595	35.55 1.16 0.00	33.78 1.31 0.00	36.52 1.35 0.00	37.30 1.33 0.00	38.16 1.38 0.00	37.12 1.38 0.00	38.88 1.57 0.00	38.71 1.71 2.01	52.52 2.12 0.00	60.38 2.53 0.00	58.69 2.24 0.00	91.52 3.05 0.00	77.41 2.85 0.00	66.16 2.72 0.00	92.24 4.10 0.00	70.17 3.21 0.00	84.43 4.14 0.00	125.59 5.98 0.00	149.40 6.24 0.00	73.20 2.78 0.00	78.04 3.16 0.00	79.26 2.89 0.00	57.61 2.02 0.00	40.32 1.54 0.00
BRADY___115KV_TB2 356060	34.82 0.44 0.00	32.68 0.21 0.00	35.34 0.17 0.00	36.19 0.23 0.00	36.97 0.18 0.00	35.77 0.03 0.00	37.48 0.17 0.00	39.15 0.14 0.00	50.51 0.10 0.00	57.92 0.06 0.00	56.95 0.50 0.00	89.42 0.95 0.00	74.95 0.39 0.00	63.51 0.07 0.00	88.07 -0.07 0.00	67.00 0.03 0.00	80.68 0.38 0.00	119.89 0.28 0.00	144.13 0.96 0.00	70.96 0.54 0.00	75.06 0.17 0.00	76.83 0.46 0.00	56.30 0.71 0.00	39.15 0.37 0.00
BRANSCOMB___SOLAR 323811	36.25 1.86 0.00	34.47 2.00 0.00	37.32 2.14 0.00	38.05 2.09 0.00	38.84 2.06 0.00	37.91 2.17 0.00	39.39 2.07 0.00	41.52 2.19 -0.32	52.94 2.54 0.00	60.64 2.78 0.00	59.06 2.61 0.00	92.10 3.62 0.00	77.62 3.06 0.00	66.70 3.26 0.00	92.60 4.45 0.00	70.63 3.67 0.00	84.81 4.52 0.00	126.39 6.78 0.00	151.33 8.16 0.00	74.53 4.11 0.00	79.70 4.81 0.00	81.01 4.63 0.00	58.84 3.26 0.00	41.21 2.42 0.00
BRENTWOD_69_KV_W. BRTWOOD 56703	37.05 2.67 0.00	35.20 2.73 0.00	37.93 2.76 0.00	38.74 2.78 0.00	39.73 2.94 0.00	38.65 2.91 0.00	40.49 3.18 0.00	43.63 3.22 -1.40	54.33 3.93 0.00	61.60 3.75 0.00	59.67 3.22 0.00	91.82 3.34 0.00	79.31 3.75 -1.00	67.01 3.56 0.00	106.60 5.75 -12.70	97.15 4.10 -26.08	85.84 5.54 0.00	137.93 8.28 -10.04	162.54 8.14 -11.23	88.80 3.72 -14.66	106.44 4.64 -26.92	77.72 4.12 2.77	62.22 3.77 -2.86	43.92 3.44 -1.70
BRISTLHL_115KV_TB1 79998	36.09 -0.50 -2.20	33.13 -0.57 -1.22	34.81 -0.64 -0.27	35.42 -0.64 -0.09	36.42 -0.64 -0.27	35.20 -0.62 -0.08	36.72 -0.63 -0.04	38.33 -0.69 0.00	52.29 -0.83 -2.72	66.40 -0.88 -9.42	63.39 -0.78 -7.72	98.67 -0.96 -11.16	86.69 -0.71 -12.84	73.20 -0.55 -10.30	98.26 -0.68 -10.79	80.28 -0.62 -13.93	94.40 -0.85 -14.96	136.66 -1.40 -18.44	163.19 -1.66 -21.68	85.90 -0.83 -16.30	88.36 -0.85 -14.33	85.15 -0.82 -9.60	60.26 -0.74 -5.41	40.66 -0.54 -2.42
BROOKHAVEN___DRP 24191	36.85 2.46 0.00	34.97 2.50 0.00	37.63 2.45 0.00	38.37 2.40 0.00	39.42 2.63 0.00	38.35 2.61 0.00	40.12 2.80 0.00	43.17 2.76 -1.40	53.69 3.29 0.00	60.94 3.08 0.00	59.42 2.97 0.00	91.80 3.33 0.00	78.24 3.57 -0.11	67.09 3.64 0.00	156.16 6.03 -61.99	198.61 4.55 -127.09	86.10 5.80 -0.01	190.13 8.82 -61.70	222.80 8.59 -71.04	152.18 4.19 -77.57	208.55 5.03 -128.64	77.70 4.28 2.95	59.53 3.61 -0.33	43.82 3.35 -1.70
BROOKLYN_NAVY_YARD 23515	35.59 1.21 0.00	33.95 1.48 0.00	36.69 1.51 0.00	37.51 1.54 0.00	38.39 1.60 0.00	37.37 1.63 0.00	39.20 1.89 0.00	42.54 2.11 -1.41	53.04 2.65 0.00	60.83 2.97 0.00	59.01 2.56 0.00	92.14 3.66 0.00	77.96 3.40 0.00	66.66 3.21 0.00	93.00 4.85 0.00	70.71 3.75 0.00	85.10 4.81 0.00	126.54 6.93 0.00	150.36 7.19 0.00	73.59 3.17 0.00	78.50 3.61 0.00	79.70 3.33 0.00	57.82 2.23 0.00	40.47 1.68 0.00
BROOKLYN___ARMY_DRP 323595	35.79 1.41 0.00	34.11 1.63 0.00	36.90 1.73 0.00	37.69 1.73 0.00	38.58 1.79 0.00	37.54 1.80 0.00	39.43 2.12 0.00	42.80 2.38 -1.41	53.40 3.00 0.00	61.20 3.34 0.00	59.20 2.75 0.00	92.47 4.00 0.00	78.32 3.77 0.00	66.88 3.43 0.00	93.49 5.35 0.00	70.96 4.00 0.00	85.38 5.09 0.00	126.89 7.28 0.00	150.56 7.39 0.00	73.90 3.48 0.00	79.02 4.13 -0.01	80.20 3.81 -0.02	59.35 2.57 -1.19	40.69 1.90 -0.01

BROOKVLE_69_KV_TB1 55790	36.37 1.98 0.00	34.58 2.10 0.00	37.45 2.28 0.00	38.25 2.29 0.00	39.18 2.39 0.00	38.15 2.41 0.00	39.95 2.64 0.00	43.17 2.75 -1.40	53.81 3.41 0.00	61.45 3.59 0.00	59.90 3.44 0.00	93.33 4.85 0.00	79.16 4.60 0.00	67.85 4.40 0.00	94.80 6.65 0.00	72.02 5.06 0.00	86.82 6.52 0.00	128.90 9.29 0.00	152.82 9.65 0.00	74.83 4.41 0.00	79.86 4.97 0.00	81.86 4.47 -1.01	58.88 3.29 0.00	43.12 2.64 -1.70
BROOME_2_LFGE 323671	35.49 0.64 -0.46	33.27 0.54 -0.26	35.86 0.63 -0.06	36.63 0.64 -0.02	37.54 0.69 -0.06	36.41 0.65 -0.02	38.04 0.71 -0.01	39.71 0.70 0.00	51.93 0.95 -0.58	61.04 1.19 -1.99	59.10 1.02 -1.63	92.75 1.92 -2.36	78.75 1.48 -2.71	66.86 1.24 -2.18	92.31 1.89 -2.28	71.14 1.23 -2.94	84.65 1.20 -3.16	125.32 1.81 -3.89	149.61 1.87 -4.58	74.82 0.95 -3.44	79.05 1.14 -3.02	79.87 1.47 -2.02	57.68 0.97 -1.12	40.02 0.74 -0.50
BROOME___LFGE 323600	35.49 0.64 -0.46	33.27 0.54 -0.26	35.86 0.63 -0.06	36.63 0.64 -0.02	37.54 0.69 -0.06	36.41 0.65 -0.02	38.04 0.71 -0.01	39.71 0.70 0.00	51.93 0.95 -0.58	61.04 1.19 -1.99	59.10 1.02 -1.63	92.75 1.92 -2.36	78.75 1.48 -2.71	66.86 1.24 -2.18	92.31 1.89 -2.28	71.14 1.23 -2.94	84.65 1.20 -3.16	125.32 1.81 -3.89	149.61 1.87 -4.58	74.82 0.95 -3.44	79.05 1.14 -3.02	79.87 1.47 -2.02	57.68 0.97 -1.12	40.02 0.74 -0.50
BROWNFLS_115KV_TB_3_5 80003	35.09 0.25 -0.46	32.75 0.03 -0.25	35.24 0.01 -0.06	36.00 0.01 -0.02	36.74 -0.11 -0.06	35.52 -0.23 -0.02	37.29 -0.04 -0.01	38.90 -0.12 0.00	50.72 -0.24 -0.56	59.39 -0.41 -1.95	57.81 -0.24 -1.60	90.45 -0.34 -2.31	76.41 -0.80 -2.66	64.92 -0.66 -2.13	89.25 -1.13 -2.23	68.86 -0.98 -2.88	82.89 -0.50 -3.09	122.95 -0.47 -3.81	147.11 -0.54 -4.49	74.25 0.46 -3.37	78.09 0.24 -2.96	79.02 0.68 -1.97	57.41 0.95 -0.88	39.67 0.51 -0.38
BROWNSV1_27_KV_LOAD 356125	36.18 1.80 0.00	34.47 1.99 0.00	37.26 2.08 0.00	38.09 2.12 0.00	38.99 2.20 0.00	37.96 2.22 0.00	39.82 2.51 0.00	43.20 2.78 -1.41	53.93 3.54 0.00	61.85 4.00 0.00	60.08 3.63 0.00	93.83 5.35 0.00	79.39 4.84 0.00	67.91 4.46 0.00	94.72 6.57 0.00	72.02 5.06 0.00	86.64 6.35 0.00	128.83 9.21 0.00	152.96 9.79 0.00	74.90 4.47 0.00	79.89 5.01 0.00	81.10 4.73 0.00	58.82 3.23 0.00	41.13 2.35 0.00
BURROWS___LYONSDAL 23803	35.57 0.83 -0.35	33.32 0.65 -0.19	35.87 0.65 -0.04	36.63 0.64 -0.01	37.47 0.64 -0.04	36.41 0.66 -0.01	38.10 0.78 -0.01	39.82 0.81 0.00	51.85 1.02 -0.43	60.46 1.11 -1.49	59.00 1.32 -1.22	92.42 2.18 -1.76	78.27 1.68 -2.03	66.69 1.62 -1.63	92.04 2.19 -1.70	70.64 1.48 -2.20	84.85 2.19 -2.36	125.69 3.16 -2.91	150.07 3.48 -3.42	75.45 2.46 -2.57	79.68 2.54 -2.26	80.72 2.84 -1.50	58.29 2.01 -0.69	40.32 1.24 -0.30
CAITHNESS_CC_1 323624	36.78 2.39 0.00	34.91 2.44 0.00	37.60 2.42 0.00	38.33 2.36 0.00	39.36 2.57 0.00	38.30 2.56 0.00	40.08 2.77 0.00	43.15 2.73 -1.40	53.67 3.27 0.00	60.89 3.03 0.00	59.27 2.82 0.00	91.52 3.04 0.00	78.02 3.35 -0.11	66.89 3.44 0.00	155.44 5.71 -61.59	197.52 4.27 -126.28	85.84 5.54 -0.01	188.64 8.39 -60.65	221.13 8.20 -69.77	151.01 3.91 -76.68	207.55 4.69 -127.98	77.39 3.97 2.95	59.33 3.42 -0.32	43.70 3.22 -1.70
CALPINE BETH_PAGE_GT4 24209	36.37 1.99 0.00	34.56 2.09 0.00	37.33 2.15 0.00	38.25 2.28 0.00	39.20 2.41 0.00	38.16 2.42 0.00	39.95 2.64 0.00	42.97 2.55 -1.40	53.54 3.14 0.00	60.77 2.91 0.00	59.08 2.63 0.00	91.67 3.20 0.00	77.97 3.36 -0.05	66.85 3.40 0.00	94.22 5.37 -0.71	72.49 4.06 -1.47	85.75 5.46 0.00	127.66 8.05 0.00	151.10 7.94 0.00	74.42 3.63 -0.36	80.88 4.29 -1.70	79.63 3.74 0.48	58.67 2.94 -0.14	43.07 2.59 -1.70
CALPINE_BETH_PAGE_GT_4 323586	36.37 1.99 0.00	34.57 2.09 0.00	37.33 2.15 0.00	38.25 2.29 0.00	39.20 2.42 0.00	38.17 2.43 0.00	39.95 2.63 0.00	42.97 2.55 -1.40	53.55 3.15 0.00	60.78 2.92 0.00	59.08 2.63 0.00	91.69 3.21 0.00	77.97 3.36 -0.05	66.85 3.40 0.00	94.22 5.37 -0.71	72.49 4.06 -1.47	85.75 5.46 0.00	127.65 8.04 0.00	151.12 7.95 0.00	74.42 3.63 -0.36	80.87 4.28 -1.70	79.63 3.75 0.48	58.67 2.94 -0.14	43.08 2.59 -1.70
CALPINE_BP_GT1 23823	36.37 1.99 0.00	34.57 2.09 0.00	37.33 2.15 0.00	38.25 2.29 0.00	39.20 2.42 0.00	38.17 2.43 0.00	39.95 2.63 0.00	42.97 2.55 -1.40	53.55 3.15 0.00	60.78 2.92 0.00	59.08 2.63 0.00	91.69 3.21 0.00	77.97 3.36 -0.05	66.85 3.40 0.00	94.22 5.37 -0.71	72.49 4.06 -1.47	85.75 5.46 0.00	127.65 8.04 0.00	151.12 7.95 0.00	74.42 3.63 -0.36	80.87 4.28 -1.70	79.63 3.75 0.48	58.67 2.94 -0.14	43.08 2.59 -1.70
CALSPAN___DRP 24200	36.16 1.77 0.00	33.45 0.98 0.00	36.30 1.12 0.00	37.33 1.36 0.00	38.27 1.48 0.00	36.74 1.01 0.00	38.46 1.15 0.00	39.87 0.85 0.00	51.85 1.45 0.00	60.03 2.17 0.00	58.26 1.80 0.00	91.89 3.42 0.00	76.82 2.27 0.00	64.92 1.48 0.00	90.21 2.06 0.00	67.79 0.83 0.00	79.62 -0.67 0.00	118.24 -1.37 0.00	142.12 -1.05 0.00	70.09 -0.33 0.00	74.92 0.03 0.00	77.72 1.34 0.00	56.76 1.17 0.00	39.87 1.09 0.00
CALVERTON___SOLAR 323806	36.99 2.60 0.00	35.09 2.61 0.00	37.74 2.56 0.00	38.46 2.50 0.00	39.53 2.74 0.00	38.47 2.73 0.00	40.23 2.92 0.00	43.30 2.89 -1.40	53.86 3.46 0.00	61.15 3.29 0.00	59.71 3.26 0.00	92.30 3.82 0.00	78.65 3.98 -0.11	67.44 4.00 0.00	156.90 6.59 -62.16	199.38 4.98 -127.44	86.54 6.25 -0.01	191.23 9.50 -62.12	224.12 9.42 -71.53	152.97 4.62 -77.92	209.35 5.53 -128.93	78.16 4.73 2.95	59.85 3.93 -0.33	44.03 3.55 -1.70
CANDIGU_WT_PWR 323617	35.76 1.13 -0.24	33.23 0.62 -0.14	35.91 0.71 -0.03	36.89 0.91 -0.01	37.90 1.08 -0.03	36.65 0.90 -0.01	38.33 1.01 0.00	39.83 0.82 0.00	51.91 1.22 -0.29	60.54 1.65 -1.03	58.58 1.27 -0.86	92.00 2.28 -1.24	77.41 1.42 -1.43	65.59 0.99 -1.15	90.95 1.60 -1.20	69.25 0.74 -1.55	82.05 0.09 -1.67	121.74 0.07 -2.05	145.65 0.07 -2.41	72.46 0.22 -1.82	77.07 0.58 -1.60	78.82 1.38 -1.07	57.31 1.13 -0.59	40.07 1.02 -0.27
CARR STREET_E_SYR 24060	34.84 -0.20 -0.66	32.52 -0.31 -0.36	34.90 -0.35 -0.08	35.64 -0.36 -0.03	36.51 -0.36 -0.08	35.40 -0.36 -0.02	36.99 -0.34 -0.01	38.64 -0.37 0.00	50.84 -0.37 -0.81	60.38 -0.28 -2.81	58.48 -0.27 -2.30	91.68 -0.12 -3.32	78.35 -0.04 -3.83	66.52 0.00 -3.07	91.46 0.10 -3.22	71.08 -0.03 -4.15	84.55 -0.21 -4.46	124.81 -0.30 -5.50	149.17 -0.46 -6.46	75.04 -0.24 -4.86	78.92 -0.23 -4.27	79.09 -0.14 -2.86	56.91 -0.23 -1.55	39.29 -0.19 -0.69
CARTHAGE___PAPER 23857	36.24 0.95 -0.90	33.61 0.64 -0.50	35.90 0.61 -0.11	36.60 0.60 -0.04	37.47 0.57 -0.11	36.34 0.57 -0.03	38.14 0.81 -0.02	39.75 0.73 0.00	52.25 0.74 -1.11	62.29 0.56 -3.87	60.29 0.67 -3.17	94.09 1.04 -4.58	80.28 0.46 -5.27	68.42 0.74 -4.23	93.36 0.79 -4.43	72.99 0.32 -5.72	88.04 1.60 -6.14	129.84 2.65 -7.57	154.82 2.75 -8.90	79.73 2.61 -6.69	83.55 2.79 -5.88	83.75 3.47 -3.91	59.94 2.62 -1.73	41.10 1.56 -0.75

CASSADAGA_WT_PWR 323784	36.91 2.52 0.00	34.17 1.70 0.00	37.25 2.07 0.00	38.22 2.25 0.00	39.07 2.28 0.00	37.39 1.65 0.00	39.26 1.94 0.00	40.90 1.89 0.00	53.52 3.12 0.00	62.21 4.35 0.00	60.28 3.82 0.00	95.07 6.60 0.00	79.35 4.80 0.00	66.47 3.02 0.00	92.74 4.59 0.00	69.93 2.97 0.00	82.02 1.73 0.00	119.84 0.23 0.00	145.34 2.18 0.00	70.73 0.31 0.00	76.40 1.51 0.00	80.15 3.78 0.00	58.66 3.07 0.00	41.17 2.38 0.00
CE_DUNWOOD___DRP 24194	35.73 1.34 0.00	34.00 1.53 0.00	36.78 1.61 0.00	37.58 1.61 0.00	38.45 1.66 0.00	37.43 1.69 0.00	39.21 1.89 0.00	42.57 2.06 -1.50	52.96 2.56 0.00	60.81 2.95 0.00	59.08 2.63 0.00	92.16 3.68 0.00	77.95 3.40 0.00	66.68 3.23 0.00	92.97 4.82 0.00	70.71 3.75 0.00	85.07 4.78 0.00	126.56 6.95 0.00	150.45 7.28 0.00	73.70 3.27 0.00	78.61 3.72 0.00	79.79 3.42 0.00	57.96 2.37 0.00	40.59 1.81 0.00
CE_MILLWOOD___DRP 24193	35.68 1.30 0.00	33.95 1.48 0.00	36.72 1.55 0.00	37.51 1.54 0.00	38.37 1.58 0.00	37.35 1.62 0.00	39.11 1.80 0.00	42.53 1.95 -1.57	52.83 2.43 0.00	60.68 2.82 0.00	58.96 2.51 0.00	91.96 3.48 0.00	77.78 3.23 0.00	66.53 3.08 0.00	92.74 4.60 0.00	70.55 3.59 0.00	84.86 4.57 0.00	126.27 6.65 0.00	150.15 6.99 0.00	73.56 3.14 0.00	78.47 3.58 0.00	79.64 3.27 0.00	57.86 2.28 0.00	40.53 1.74 0.00
CE_NYC2_DRP 24202	35.64 1.25 0.00	33.99 1.52 0.00	36.81 1.64 0.00	37.62 1.66 0.00	38.51 1.73 0.00	37.52 1.78 0.00	39.40 2.08 0.00	42.71 2.29 -1.41	53.19 2.79 0.00	60.93 3.07 0.00	59.01 2.56 0.00	92.09 3.61 0.00	77.95 3.40 0.00	66.64 3.19 0.00	93.08 4.94 0.00	70.72 3.76 0.00	85.10 4.81 0.00	126.50 6.88 0.00	150.19 7.02 0.00	73.57 3.15 0.00	78.53 3.65 0.00	79.72 3.35 0.00	57.16 2.21 0.64	40.44 1.66 0.00
CE_NYC_DRP 24195	35.69 1.30 0.00	34.03 1.56 0.00	36.81 1.63 0.00	37.62 1.65 0.00	38.51 1.72 0.00	37.49 1.75 0.00	39.33 2.01 0.00	42.67 2.24 -1.41	53.20 2.81 0.00	61.02 3.16 0.00	59.26 2.80 0.00	92.46 3.98 0.00	78.24 3.69 0.00	66.92 3.47 0.00	93.35 5.21 0.00	70.98 4.01 0.00	85.40 5.11 0.00	126.99 7.38 0.00	150.80 7.63 0.00	73.81 3.38 0.00	78.75 3.86 0.00	79.92 3.55 0.00	57.98 2.39 0.00	40.58 1.80 0.00
CHAFFEE___LFGE 323603	36.22 1.84 0.00	33.53 1.05 0.00	36.35 1.18 0.00	37.35 1.39 0.00	38.30 1.51 0.00	36.79 1.06 0.00	38.52 1.21 0.00	39.96 0.94 0.00	51.99 1.59 0.00	60.21 2.35 0.00	58.48 2.03 0.00	92.29 3.81 0.00	77.23 2.67 0.00	65.30 1.85 0.00	90.78 2.63 0.00	68.24 1.28 0.00	80.17 -0.12 0.00	119.11 -0.51 0.00	143.14 -0.02 0.00	70.57 0.15 0.00	75.39 0.51 0.00	78.14 1.76 0.00	57.01 1.43 0.00	39.99 1.21 0.00
CHATEAUG_35_KV_LOAD 355732	34.70 0.31 0.00	32.53 0.06 0.00	35.12 -0.05 0.00	36.01 0.04 0.00	36.82 0.03 0.00	35.86 0.12 0.00	37.61 0.30 0.00	39.41 0.40 0.00	50.89 0.49 0.00	58.13 0.27 0.00	56.73 0.27 0.00	88.88 0.40 0.00	74.23 -0.32 0.00	62.71 -0.73 0.00	86.80 -1.35 0.00	66.09 -0.87 0.00	79.55 -0.75 0.00	118.52 -1.09 0.00	143.20 0.04 0.00	70.09 -0.33 0.00	74.51 -0.38 0.00	76.49 0.12 0.00	56.23 0.64 0.00	39.10 0.32 0.00
CHATEAUG_WT_PWR 323614	34.76 0.38 0.00	32.60 0.13 0.00	35.20 0.02 0.00	36.07 0.11 0.00	36.85 0.07 0.00	35.94 0.20 0.00	37.68 0.37 0.00	39.49 0.47 0.00	50.97 0.57 0.00	58.16 0.31 0.00	56.67 0.22 0.00	88.77 0.30 0.00	74.04 -0.52 0.00	62.54 -0.91 0.00	86.47 -1.68 0.00	65.85 -1.11 0.00	79.31 -0.98 0.00	118.00 -1.61 0.00	142.76 -0.41 0.00	69.81 -0.62 0.00	74.29 -0.60 0.00	76.35 -0.03 0.00	56.28 0.69 0.00	39.16 0.37 0.00
CHAT_HIGH_FALL_HYD 323578	34.70 0.31 0.00	32.53 0.06 0.00	35.12 -0.05 0.00	36.01 0.04 0.00	36.82 0.03 0.00	35.86 0.12 0.00	37.61 0.30 0.00	39.41 0.40 0.00	50.89 0.49 0.00	58.13 0.27 0.00	56.73 0.27 0.00	88.88 0.40 0.00	74.24 -0.32 0.00	62.71 -0.73 0.00	86.80 -1.35 0.00	66.09 -0.87 0.00	79.54 -0.75 0.00	118.51 -1.10 0.00	143.22 0.05 0.00	70.10 -0.33 0.00	74.50 -0.38 0.00	76.49 0.12 0.00	56.23 0.64 0.00	39.10 0.32 0.00
CHAUTAUQUA___LFGE 323629	36.50 2.11 0.00	33.84 1.37 0.00	36.80 1.62 0.00	37.75 1.79 0.00	38.64 1.85 0.00	37.09 1.35 0.00	38.89 1.58 0.00	40.46 1.44 0.00	52.74 2.34 0.00	61.17 3.31 0.00	59.28 2.82 0.00	93.62 5.14 0.00	78.21 3.65 0.00	65.88 2.43 0.00	91.84 3.69 0.00	69.10 2.15 0.00	81.17 0.88 0.00	119.78 0.16 0.00	144.36 1.20 0.00	70.76 0.33 0.00	75.88 0.99 0.00	79.09 2.72 0.00	57.80 2.22 0.00	40.58 1.80 0.00
CHERRYST_13_KV_LD 356241	35.82 1.44 0.00	34.15 1.68 0.00	36.93 1.75 0.00	37.75 1.79 0.00	38.65 1.86 0.00	37.64 1.90 0.00	39.49 2.17 0.00	42.86 2.43 -1.41	53.48 3.08 0.00	61.36 3.51 0.00	59.61 3.16 0.00	93.03 4.56 0.00	78.73 4.17 0.00	67.32 3.87 0.00	93.89 5.74 0.00	71.39 4.43 0.00	85.88 5.59 0.00	127.65 8.04 0.00	151.53 8.36 0.00	74.14 3.72 0.00	79.08 4.19 0.00	80.24 3.86 0.00	58.20 2.61 0.00	40.73 1.95 0.00
CHESTROR_138KV_BK263 355645	35.49 1.11 0.00	33.72 1.25 0.00	36.47 1.29 0.00	37.24 1.27 0.00	38.09 1.31 0.00	37.06 1.33 0.00	38.76 1.45 0.00	39.36 1.56 1.22	52.34 1.94 0.00	60.15 2.30 0.00	58.53 2.07 0.00	91.38 2.90 0.00	77.30 2.74 0.00	66.01 2.57 0.00	92.00 3.85 0.00	69.98 3.02 0.00	84.14 3.85 0.00	125.22 5.60 0.00	149.17 6.01 0.00	73.16 2.73 0.00	77.99 3.11 0.00	79.25 2.87 0.00	57.59 2.00 0.00	40.29 1.51 0.00
CH_MIDHUDSON___DRP 24192	35.84 1.45 0.00	34.09 1.62 0.00	36.88 1.71 0.00	37.63 1.66 0.00	38.49 1.70 0.00	37.48 1.74 0.00	39.17 1.86 0.00	41.42 2.04 -0.36	52.94 2.54 0.00	60.87 3.01 0.00	59.28 2.82 0.00	92.51 4.03 0.00	78.24 3.69 0.00	66.94 3.50 0.00	93.20 5.05 0.00	70.90 3.94 0.00	85.22 4.93 0.00	126.74 7.13 0.00	150.92 7.76 0.00	74.00 3.58 0.00	78.89 4.01 0.00	80.07 3.70 0.00	58.17 2.58 0.00	40.74 1.95 0.00
CH_MISC_IPPS 23765	36.10 1.71 0.00	34.30 1.83 0.00	37.09 1.91 0.00	37.85 1.88 0.00	38.71 1.92 0.00	37.69 1.94 0.00	39.42 2.11 0.00	41.34 2.32 0.00	53.35 2.96 0.00	61.37 3.51 0.00	59.80 3.34 0.00	93.40 4.92 0.00	79.04 4.49 0.00	67.58 4.14 0.00	94.19 6.05 0.00	71.64 4.68 0.00	86.02 5.73 0.00	127.94 8.33 0.00	152.40 9.23 0.00	74.70 4.28 0.00	79.62 4.73 0.00	80.80 4.43 0.00	58.66 3.08 0.00	41.03 2.25 0.00
CH_RES_BVR_FALLS 23983	34.25 -0.14 0.00	32.28 -0.19 0.00	34.95 -0.23 0.00	35.75 -0.21 0.00	36.58 -0.21 0.00	35.52 -0.23 0.00	37.12 -0.19 0.00	38.82 -0.19 0.00	50.15 -0.25 0.00	57.52 -0.33 0.00	56.23 -0.22 0.00	88.16 -0.31 0.00	74.17 -0.38 0.00	62.98 -0.46 0.00	87.39 -0.76 0.00	66.36 -0.60 0.00	79.62 -0.67 0.00	118.66 -0.95 0.00	142.40 -0.77 0.00	70.10 -0.33 0.00	74.37 -0.52 0.00	75.96 -0.41 0.00	55.36 -0.23 0.00	38.58 -0.21 0.00

CH_RES_NIAGARA 23895	35.35 0.96 0.00	32.55 0.07 0.00	35.11 -0.07 0.00	36.27 0.30 0.00	37.21 0.42 0.00	35.70 -0.04 0.00	37.35 0.03 0.00	38.55 -0.47 0.00	49.85 -0.55 0.00	57.55 -0.31 0.00	55.70 -0.76 0.00	87.72 -0.75 0.00	73.27 -1.29 0.00	61.71 -1.73 0.00	85.57 -2.58 0.00	64.26 -2.70 0.00	75.20 -5.09 0.00	111.77 -7.84 0.00	134.87 -8.30 0.00	66.69 -3.74 0.00	71.48 -3.41 0.00	74.32 -2.06 0.00	54.53 -1.06 0.00	38.55 -0.23 0.00
CH_RES_SYRACUSE 23985	35.69 0.07 -1.22	33.12 -0.03 -0.68	35.26 -0.07 -0.15	35.96 -0.05 -0.05	36.88 -0.06 -0.15	35.74 -0.04 -0.04	37.34 0.00 -0.02	38.94 -0.08 0.00	51.86 -0.05 -1.51	63.05 -0.05 -5.25	60.70 -0.05 -4.30	94.90 0.21 -6.21	81.91 0.20 -7.15	69.42 0.24 -5.73	94.60 0.44 -6.01	74.97 0.25 -7.76	88.80 0.17 -8.33	130.08 0.20 -10.27	155.39 0.15 -12.08	79.54 0.04 -9.08	82.90 0.03 -7.98	81.91 0.19 -5.34	58.66 0.12 -2.95	40.19 0.09 -1.32
CLINTON_WT_PWR 323605	34.76 0.38 0.00	32.60 0.13 0.00	35.20 0.02 0.00	36.07 0.11 0.00	36.85 0.07 0.00	35.94 0.20 0.00	37.68 0.37 0.00	39.49 0.47 0.00	50.97 0.57 0.00	58.16 0.31 0.00	56.67 0.22 0.00	88.77 0.30 0.00	74.04 -0.52 0.00	62.54 -0.91 0.00	86.47 -1.68 0.00	65.85 -1.11 0.00	79.31 -0.98 0.00	118.00 -1.61 0.00	142.76 -0.41 0.00	69.81 -0.62 0.00	74.29 -0.60 0.00	76.35 -0.03 0.00	56.28 0.69 0.00	39.16 0.37 0.00
CLINTON___LFGE 323618	35.34 0.95 0.00	33.13 0.66 0.00	35.76 0.58 0.00	36.61 0.64 0.00	37.35 0.56 0.00	36.50 0.76 0.00	38.31 0.99 0.00	40.16 1.15 0.00	51.77 1.37 0.00	58.84 0.99 0.00	57.27 0.82 0.00	89.68 1.20 0.00	74.55 -0.01 0.00	62.87 -0.57 0.00	86.85 -1.29 0.00	66.30 -0.66 0.00	79.89 -0.40 0.00	118.60 -1.01 0.00	144.01 0.84 0.00	70.56 0.14 0.00	75.11 0.23 0.00	77.29 0.92 0.00	57.25 1.66 0.00	39.86 1.08 0.00
COBBLENY_34_KV_TB1 80064	36.22 1.84 0.00	33.52 1.04 0.00	36.35 1.17 0.00	37.35 1.39 0.00	38.29 1.51 0.00	36.78 1.04 0.00	38.52 1.20 0.00	39.96 0.95 0.00	52.00 1.60 0.00	60.21 2.35 0.00	58.48 2.03 0.00	92.30 3.83 0.00	77.22 2.66 0.00	65.29 1.84 0.00	90.78 2.63 0.00	68.23 1.27 0.00	80.16 -0.13 0.00	119.07 -0.54 0.00	143.12 -0.05 0.00	70.56 0.14 0.00	75.36 0.47 0.00	78.12 1.75 0.00	57.00 1.42 0.00	39.99 1.21 0.00
COFFEEN___115KV_TB3 355620	36.56 1.09 -1.08	33.79 0.72 -0.60	36.01 0.70 -0.13	36.67 0.67 -0.04	37.57 0.65 -0.13	36.46 0.68 -0.04	38.26 0.92 -0.02	39.82 0.81 0.00	52.56 0.82 -1.33	63.20 0.73 -4.62	61.13 0.89 -3.79	95.32 1.37 -5.47	81.61 0.76 -6.30	69.71 1.21 -5.05	94.99 1.56 -5.29	74.55 0.76 -6.83	89.58 1.95 -7.34	131.94 3.28 -9.05	157.62 3.82 -10.63	81.71 3.29 -8.00	85.59 3.68 -7.03	85.48 4.44 -4.67	60.87 3.21 -2.07	41.60 1.91 -0.90
COLDSPRG_115KV_BK1 355956	36.99 2.60 0.00	34.35 1.87 0.00	37.36 2.19 0.00	38.33 2.37 0.00	39.26 2.47 0.00	37.71 1.97 0.00	39.60 2.29 0.00	41.23 2.22 0.00	53.77 3.37 0.00	62.37 4.52 0.00	60.44 3.99 0.00	95.16 6.69 0.00	79.53 4.98 0.00	66.55 3.11 0.00	92.78 4.63 0.00	69.81 2.85 0.00	82.07 1.78 0.00	120.91 1.29 0.00	145.39 2.22 0.00	71.25 0.83 0.00	76.50 1.61 0.00	80.25 3.88 0.00	58.66 3.07 0.00	41.09 2.30 0.00
COLONIE_LFGE___ 323577	35.72 1.33 0.00	34.01 1.54 0.00	36.83 1.65 0.00	37.55 1.58 0.00	38.35 1.56 0.00	37.41 1.67 0.00	38.82 1.50 0.00	40.91 1.57 -0.33	52.21 1.81 0.00	59.86 2.01 0.00	58.27 1.81 0.00	90.74 2.26 0.00	76.56 2.01 0.00	65.63 2.18 0.00	91.01 2.87 0.00	69.32 2.36 0.00	83.20 2.91 0.00	123.94 4.33 0.00	148.26 5.09 0.00	73.01 2.59 0.00	78.01 3.12 0.00	79.19 2.82 0.00	57.64 2.05 0.00	40.44 1.66 0.00
COOPERNY_115KV_TB1 80082	35.22 0.83 0.00	33.40 0.93 0.00	36.16 0.99 0.00	36.93 0.97 0.00	37.79 1.00 0.00	36.74 1.00 0.00	38.39 1.08 0.00	39.71 1.16 0.46	51.84 1.44 0.00	59.58 1.72 0.00	58.00 1.55 0.00	90.71 2.24 0.00	76.67 2.11 0.00	65.37 1.92 0.00	91.02 2.88 0.00	69.21 2.25 0.00	83.17 2.87 0.00	123.75 4.14 0.00	147.59 4.42 0.00	72.45 2.02 0.00	77.23 2.34 0.00	78.58 2.21 0.00	57.12 1.53 0.00	39.93 1.14 0.00
COPENHAGEN_WT_PWR 323753	36.23 0.72 -1.12	33.52 0.42 -0.63	35.70 0.38 -0.14	36.37 0.36 -0.04	37.27 0.34 -0.14	36.15 0.37 -0.04	37.91 0.57 -0.02	39.50 0.48 0.00	52.25 0.46 -1.39	63.02 0.35 -4.82	60.84 0.44 -3.95	94.86 0.68 -5.71	81.34 0.20 -6.57	69.31 0.59 -5.27	94.21 0.54 -5.53	74.13 0.04 -7.13	88.91 0.96 -7.66	130.94 1.89 -9.44	155.95 1.69 -11.10	81.07 2.31 -8.34	84.63 2.41 -7.34	84.39 3.15 -4.87	60.11 2.36 -2.16	41.12 1.40 -0.94
CORNELL___ 23752	36.14 1.09 -0.67	33.73 0.89 -0.37	36.20 0.94 -0.08	36.97 0.98 -0.03	37.89 1.03 -0.08	36.77 1.00 -0.03	38.44 1.11 -0.01	40.13 1.11 0.00	52.68 1.46 -0.82	62.35 1.66 -2.84	60.37 1.59 -2.33	94.62 2.78 -3.36	80.85 2.42 -3.87	68.63 2.09 -3.10	94.27 2.88 -3.25	73.20 2.04 -4.20	87.20 2.40 -4.51	129.08 3.91 -5.56	154.60 4.90 -6.53	77.89 2.56 -4.91	82.04 2.84 -4.32	82.38 3.12 -2.89	59.20 2.02 -1.59	40.83 1.34 -0.71
CORONA_AAV_69_KV_TB1 355595	36.60 2.22 0.00	34.74 2.26 0.00	37.48 2.31 0.00	38.27 2.31 0.00	39.22 2.43 0.00	38.19 2.45 0.00	39.95 2.63 0.00	43.12 2.70 -1.40	53.72 3.32 0.00	60.98 3.13 0.00	59.32 2.87 0.00	92.30 3.83 0.00	78.35 3.79 0.00	67.16 3.71 0.00	93.93 5.79 0.00	71.39 4.43 0.00	86.17 5.88 0.00	128.30 8.69 0.00	152.03 8.87 0.00	74.50 4.08 0.00	79.62 4.74 0.00	92.31 4.38 -11.56	58.91 3.32 0.00	43.18 2.70 -1.70
CORTLAND_115KV_TB3 80093	35.74 0.67 -0.69	33.39 0.54 -0.38	35.84 0.57 -0.08	36.58 0.59 -0.03	37.50 0.62 -0.08	36.38 0.62 -0.03	38.01 0.68 -0.01	39.69 0.68 0.00	52.17 0.92 -0.85	61.90 1.11 -2.94	59.94 1.08 -2.41	93.92 1.96 -3.48	80.28 1.72 -4.01	68.12 1.46 -3.21	93.60 2.09 -3.37	72.76 1.45 -4.35	86.60 1.64 -4.67	128.06 2.69 -5.76	153.12 3.19 -6.77	77.18 1.67 -5.09	81.23 1.87 -4.47	81.44 2.08 -2.99	58.53 1.30 -1.64	40.39 0.87 -0.73
COXSACKIE___GT 23611	36.91 2.53 0.00	35.01 2.54 0.00	37.95 2.77 0.00	38.66 2.70 0.00	39.50 2.71 0.00	38.54 2.79 0.00	40.03 2.71 0.00	42.08 2.85 -0.22	53.77 3.37 0.00	61.18 3.33 0.00	59.34 2.88 0.00	92.18 3.70 0.00	77.76 3.20 0.00	-10.77 2.88 77.09	41.69 4.31 50.77	71.07 4.11 0.00	84.78 4.48 0.00	127.17 7.56 0.00	152.70 9.54 0.00	75.69 5.27 0.00	80.80 5.91 0.00	81.93 5.56 0.00	59.46 3.87 0.00	41.78 3.00 0.00
CPV_VALLEY___CC1 323721	35.21 0.82 0.00	33.45 0.98 0.00	36.19 1.01 0.00	36.96 1.00 0.00	37.80 1.01 0.00	36.78 1.04 0.00	38.46 1.15 0.00	39.52 1.24 0.73	51.92 1.52 0.00	59.68 1.82 0.00	58.05 1.60 0.00	90.63 2.15 0.00	76.62 2.07 0.00	65.44 1.99 0.00	91.15 3.00 0.00	69.31 2.35 0.00	83.34 3.05 0.00	124.01 4.40 0.00	147.74 4.57 0.00	72.47 2.04 0.00	77.26 2.38 0.00	78.53 2.16 0.00	57.09 1.50 0.00	39.95 1.16 0.00

CPV_VALLEY___CC2 323722	35.21 0.82 0.00	33.45 0.98 0.00	36.19 1.01 0.00	36.96 1.00 0.00	37.80 1.01 0.00	36.78 1.04 0.00	38.46 1.15 0.00	39.52 1.24 0.73	51.92 1.52 0.00	59.68 1.82 0.00	58.05 1.60 0.00	90.63 2.15 0.00	76.62 2.07 0.00	65.44 1.99 0.00	91.15 3.00 0.00	69.31 2.35 0.00	83.34 3.05 0.00	124.01 4.40 0.00	147.74 4.57 0.00	72.47 2.04 0.00	77.26 2.38 0.00	78.53 2.16 0.00	57.09 1.50 0.00	39.95 1.16 0.00
CRESCENT___HYD 24018	35.72 1.33 0.00	34.01 1.54 0.00	36.83 1.65 0.00	37.55 1.58 0.00	38.35 1.56 0.00	37.41 1.67 0.00	38.82 1.50 0.00	40.91 1.57 -0.33	52.21 1.81 0.00	59.86 2.01 0.00	58.27 1.81 0.00	90.74 2.26 0.00	76.56 2.01 0.00	65.63 2.18 0.00	91.01 2.87 0.00	69.32 2.36 0.00	83.20 2.91 0.00	123.94 4.33 0.00	148.26 5.09 0.00	73.01 2.59 0.00	78.01 3.12 0.00	79.19 2.82 0.00	57.64 2.05 0.00	40.44 1.66 0.00
CRICKET___VALLEY_CC1 323756	35.43 1.04 0.00	33.76 1.28 0.00	36.49 1.31 0.00	37.20 1.23 0.00	38.02 1.24 0.00	37.06 1.32 0.00	38.70 1.38 0.00	41.09 1.44 -0.64	52.08 1.68 0.00	59.99 2.13 0.00	58.39 1.94 0.00	90.93 2.45 0.00	76.76 2.20 0.00	65.77 2.33 0.00	91.49 3.34 0.00	69.70 2.73 0.00	83.87 3.58 0.00	124.89 5.27 0.00	148.71 5.54 0.00	72.95 2.53 0.00	77.80 2.91 0.00	78.91 2.54 0.00	57.37 1.79 0.00	40.31 1.53 0.00
CRICKET___VALLEY_CC2 323757	35.43 1.04 0.00	33.76 1.28 0.00	36.49 1.31 0.00	37.20 1.23 0.00	38.02 1.24 0.00	37.06 1.32 0.00	38.70 1.38 0.00	41.09 1.44 -0.64	52.08 1.68 0.00	59.99 2.13 0.00	58.39 1.94 0.00	90.93 2.45 0.00	76.76 2.20 0.00	65.77 2.33 0.00	91.49 3.34 0.00	69.70 2.73 0.00	83.87 3.58 0.00	124.89 5.27 0.00	148.71 5.54 0.00	72.95 2.53 0.00	77.80 2.91 0.00	78.91 2.54 0.00	57.37 1.79 0.00	40.31 1.53 0.00
CRICKET___VALLEY_CC3 323758	35.43 1.04 0.00	33.76 1.28 0.00	36.49 1.31 0.00	37.20 1.23 0.00	38.02 1.24 0.00	37.06 1.32 0.00	38.70 1.38 0.00	41.09 1.44 -0.64	52.08 1.68 0.00	59.99 2.13 0.00	58.39 1.94 0.00	90.93 2.45 0.00	76.76 2.20 0.00	65.77 2.33 0.00	91.49 3.34 0.00	69.70 2.73 0.00	83.87 3.58 0.00	124.89 5.27 0.00	148.71 5.54 0.00	72.95 2.53 0.00	77.80 2.91 0.00	78.91 2.54 0.00	57.37 1.79 0.00	40.31 1.53 0.00
CRUCIBLE_METL_DRP 24180	35.69 0.07 -1.22	33.11 -0.04 -0.68	35.26 -0.07 -0.15	35.96 -0.05 -0.05	36.88 -0.06 -0.15	35.74 -0.04 -0.04	37.34 0.00 -0.02	38.94 -0.08 0.00	51.86 -0.05 -1.51	63.05 -0.05 -5.25	60.70 -0.05 -4.30	94.91 0.22 -6.21	81.91 0.20 -7.15	69.42 0.24 -5.73	94.60 0.44 -6.01	74.97 0.26 -7.76	88.80 0.17 -8.33	130.08 0.20 -10.27	155.39 0.15 -12.08	79.54 0.04 -9.08	82.90 0.03 -7.98	81.91 0.19 -5.34	58.66 0.12 -2.95	40.19 0.09 -1.32
DAHOWA___HYDRO 323763	36.38 1.99 0.00	34.59 2.12 0.00	37.43 2.26 0.00	38.17 2.20 0.00	38.95 2.17 0.00	38.03 2.29 0.00	39.52 2.21 0.00	41.70 2.37 -0.32	53.18 2.78 0.00	60.92 3.06 0.00	59.34 2.89 0.00	92.58 4.10 0.00	77.98 3.43 0.00	67.11 3.66 0.00	93.04 4.90 0.00	71.04 4.08 0.00	85.25 4.96 0.00	127.08 7.47 0.00	152.29 9.12 0.00	74.95 4.53 0.00	80.18 5.30 0.00	81.50 5.12 0.00	59.17 3.58 0.00	41.40 2.62 0.00
DANC___LFGE 323619	36.03 0.26 -1.38	33.28 0.04 -0.77	35.35 0.00 -0.17	36.00 -0.02 -0.06	36.92 -0.04 -0.17	35.78 -0.01 -0.05	37.46 0.12 -0.03	39.04 0.03 0.00	52.06 -0.05 -1.71	63.66 -0.12 -5.93	61.22 -0.09 -4.85	95.44 -0.05 -7.02	82.39 -0.24 -8.08	70.01 0.09 -6.48	94.86 -0.07 -6.79	75.37 -0.35 -8.76	89.80 0.10 -9.41	131.70 0.49 -11.60	157.03 0.23 -13.64	81.71 1.03 -10.25	84.98 1.08 -9.01	83.96 1.60 -5.99	59.54 1.31 -2.65	40.70 0.77 -1.15
DANSKAMMER___1 23586	36.10 1.71 0.00	34.30 1.83 0.00	37.09 1.91 0.00	37.85 1.88 0.00	38.71 1.92 0.00	37.69 1.94 0.00	39.42 2.11 0.00	41.34 2.32 0.00	53.35 2.96 0.00	61.37 3.51 0.00	59.80 3.34 0.00	93.40 4.92 0.00	79.04 4.49 0.00	67.58 4.14 0.00	94.19 6.05 0.00	71.64 4.68 0.00	86.02 5.73 0.00	127.94 8.33 0.00	152.40 9.23 0.00	74.70 4.28 0.00	79.62 4.73 0.00	80.80 4.43 0.00	58.66 3.08 0.00	41.03 2.25 0.00
DANSKAMMER___2 23589	36.10 1.71 0.00	34.30 1.83 0.00	37.09 1.91 0.00	37.85 1.88 0.00	38.71 1.92 0.00	37.69 1.94 0.00	39.42 2.11 0.00	41.34 2.32 0.00	53.35 2.96 0.00	61.37 3.51 0.00	59.80 3.34 0.00	93.40 4.92 0.00	79.04 4.49 0.00	67.58 4.14 0.00	94.19 6.05 0.00	71.64 4.68 0.00	86.02 5.73 0.00	127.94 8.33 0.00	152.40 9.23 0.00	74.70 4.28 0.00	79.62 4.73 0.00	80.80 4.43 0.00	58.66 3.08 0.00	41.03 2.25 0.00
DANSKAMMER___3 23590	36.10 1.71 0.00	34.30 1.83 0.00	37.09 1.91 0.00	37.85 1.88 0.00	38.71 1.92 0.00	37.69 1.94 0.00	39.42 2.11 0.00	41.34 2.32 0.00	53.35 2.96 0.00	61.37 3.51 0.00	59.80 3.34 0.00	93.40 4.92 0.00	79.04 4.49 0.00	67.58 4.14 0.00	94.19 6.05 0.00	71.64 4.68 0.00	86.02 5.73 0.00	127.94 8.33 0.00	152.40 9.23 0.00	74.70 4.28 0.00	79.62 4.73 0.00	80.80 4.43 0.00	58.66 3.08 0.00	41.03 2.25 0.00
DANSKAMMER___4 23591	36.10 1.71 0.00	34.30 1.83 0.00	37.09 1.91 0.00	37.85 1.88 0.00	38.71 1.92 0.00	37.69 1.94 0.00	39.42 2.11 0.00	41.34 2.32 0.00	53.35 2.96 0.00	61.37 3.51 0.00	59.80 3.34 0.00	93.40 4.92 0.00	79.04 4.49 0.00	67.58 4.14 0.00	94.19 6.05 0.00	71.64 4.68 0.00	86.02 5.73 0.00	127.94 8.33 0.00	152.40 9.23 0.00	74.70 4.28 0.00	79.62 4.73 0.00	80.80 4.43 0.00	58.66 3.08 0.00	41.03 2.25 0.00
DANSKAMMER___DIESEL 23592	36.10 1.71 0.00	34.31 1.84 0.00	37.09 1.91 0.00	37.85 1.88 0.00	38.71 1.92 0.00	37.68 1.94 0.00	39.42 2.11 0.00	41.34 2.32 0.00	53.36 2.96 0.00	61.37 3.52 0.00	59.80 3.34 0.00	93.40 4.92 0.00	79.04 4.49 0.00	67.58 4.14 0.00	94.19 6.05 0.00	71.65 4.69 0.00	86.03 5.74 0.00	127.95 8.34 0.00	152.39 9.23 0.00	74.71 4.28 0.00	79.62 4.74 0.00	80.80 4.42 0.00	58.67 3.08 0.00	41.04 2.25 0.00
DARBY___SOLAR 323810	36.27 1.89 0.00	34.50 2.03 0.00	37.33 2.16 0.00	38.07 2.10 0.00	38.86 2.07 0.00	37.92 2.18 0.00	39.41 2.10 0.00	41.56 2.23 -0.32	53.02 2.62 0.00	60.71 2.86 0.00	59.14 2.68 0.00	92.23 3.76 0.00	77.70 3.14 0.00	66.78 3.34 0.00	92.67 4.53 0.00	70.73 3.76 0.00	84.90 4.61 0.00	126.47 6.86 0.00	151.51 8.34 0.00	74.60 4.17 0.00	79.76 4.88 0.00	81.10 4.72 0.00	58.92 3.33 0.00	41.25 2.46 0.00
DASHVILLE___HYD 23610	35.40 1.01 0.00	33.69 1.22 0.00	36.45 1.27 0.00	37.19 1.22 0.00	38.04 1.25 0.00	37.05 1.31 0.00	38.73 1.42 0.00	40.45 1.43 0.00	52.24 1.84 0.00	60.05 2.20 0.00	58.59 2.13 0.00	91.59 3.11 0.00	77.59 3.03 0.00	44.29 3.08 22.23	78.11 4.61 14.64	70.51 3.55 0.00	84.92 4.63 0.00	126.09 6.48 0.00	149.91 6.74 0.00	73.41 2.99 0.00	78.32 3.43 0.00	79.48 3.10 0.00	57.70 2.11 0.00	40.30 1.52 0.00

DEERFIELD_69_KV_DEERFIELD LD 355887	38.06 3.67 0.00	36.02 3.55 0.00	38.70 3.52 0.00	39.42 3.45 0.00	40.51 3.72 0.00	39.42 3.68 0.00	41.27 3.96 0.00	44.46 4.04 -1.40	55.50 5.10 0.00	63.23 5.37 0.00	61.85 5.39 0.00	95.97 7.49 0.00	81.78 7.11 -0.12	70.20 6.75 0.00	161.07 10.54 -62.39	202.77 7.90 -127.90	89.73 9.44 -0.01	196.43 14.06 -62.75	230.14 14.67 -72.30	156.09 7.22 -78.45	212.62 8.43 -129.30	80.91 7.48 2.95	61.76 5.83 -0.34	45.35 4.87 -1.70
DELAWARE___LFGE 323621	35.68 1.07 -0.22	33.68 1.08 -0.13	36.44 1.24 -0.03	37.22 1.25 -0.01	38.10 1.29 -0.03	37.00 1.25 -0.01	38.58 1.26 0.00	40.27 1.26 0.00	52.34 1.66 -0.28	60.74 1.91 -0.97	59.05 1.80 -0.80	92.52 2.89 -1.15	78.33 2.45 -1.32	66.55 2.04 -1.06	92.18 2.92 -1.11	70.60 2.21 -1.43	84.44 2.60 -1.54	125.26 3.75 -1.90	149.72 4.32 -2.24	74.23 2.13 -1.68	78.89 2.53 -1.48	79.86 2.50 -0.99	57.89 1.76 -0.54	40.32 1.30 -0.24
DERFIELD_115KV_TB7 355931	34.39 0.01 0.00	32.51 0.04 0.00	35.24 0.06 0.00	36.00 0.04 0.00	36.82 0.04 0.00	35.80 0.06 0.00	37.35 0.04 0.00	39.05 0.04 0.00	50.44 0.04 0.00	57.90 0.04 0.00	56.45 0.00 0.00	88.48 0.00 0.00	74.60 0.05 0.00	63.55 0.10 0.00	88.29 0.14 0.00	67.05 0.09 0.00	80.38 0.09 0.00	119.73 0.12 0.00	143.30 0.13 0.00	70.52 0.10 0.00	75.04 0.15 0.00	76.51 0.14 0.00	55.65 0.06 0.00	38.84 0.05 0.00
DOGLEVILLE___HYD 23807	34.15 -0.23 0.00	32.65 0.18 0.00	35.32 0.14 0.00	35.96 -0.01 0.00	36.70 -0.09 0.00	35.88 0.14 0.00	37.24 -0.08 0.00	38.97 -0.05 0.00	50.14 -0.26 0.00	57.42 -0.44 0.00	56.09 -0.36 0.00	87.85 -0.63 0.00	74.13 -0.42 0.00	63.73 0.28 0.00	88.64 0.50 0.00	67.40 0.44 0.00	80.33 0.04 0.00	119.59 -0.02 0.00	142.92 -0.25 0.00	70.57 0.14 0.00	75.53 0.64 0.00	76.83 0.46 0.00	55.68 0.09 0.00	38.91 0.12 0.00
DUNKIRK___115KV_TB_200 55889	36.43 2.05 0.00	33.77 1.30 0.00	36.72 1.55 0.00	37.68 1.71 0.00	38.56 1.78 0.00	37.02 1.28 0.00	38.83 1.52 0.00	40.38 1.37 0.00	52.61 2.21 0.00	61.00 3.15 0.00	59.11 2.66 0.00	93.38 4.90 0.00	78.01 3.46 0.00	65.74 2.29 0.00	91.64 3.49 0.00	68.94 1.98 0.00	80.97 0.68 0.00	119.64 0.03 0.00	144.10 0.93 0.00	70.70 0.27 0.00	75.75 0.87 0.00	78.94 2.57 0.00	57.67 2.08 0.00	40.48 1.70 0.00
DUNKIRK___1 23563	36.43 2.05 0.00	33.77 1.30 0.00	36.72 1.55 0.00	37.68 1.71 0.00	38.56 1.78 0.00	37.02 1.28 0.00	38.83 1.52 0.00	40.38 1.37 0.00	52.61 2.21 0.00	61.00 3.15 0.00	59.11 2.66 0.00	93.38 4.90 0.00	78.01 3.46 0.00	65.74 2.29 0.00	91.64 3.49 0.00	68.94 1.98 0.00	80.97 0.68 0.00	119.64 0.03 0.00	144.10 0.93 0.00	70.70 0.27 0.00	75.75 0.87 0.00	78.94 2.57 0.00	57.67 2.08 0.00	40.48 1.70 0.00
DUNKIRK___2 23564	36.43 2.05 0.00	33.77 1.30 0.00	36.72 1.55 0.00	37.68 1.71 0.00	38.56 1.78 0.00	37.02 1.28 0.00	38.83 1.52 0.00	40.38 1.37 0.00	52.61 2.21 0.00	61.00 3.15 0.00	59.11 2.66 0.00	93.38 4.90 0.00	78.01 3.46 0.00	65.74 2.29 0.00	91.64 3.49 0.00	68.94 1.98 0.00	80.97 0.68 0.00	119.64 0.03 0.00	144.10 0.93 0.00	70.70 0.27 0.00	75.75 0.87 0.00	78.94 2.57 0.00	57.67 2.08 0.00	40.48 1.70 0.00
DUNKIRK___3 23565	36.19 1.80 0.00	33.57 1.09 0.00	36.48 1.30 0.00	37.44 1.48 0.00	38.35 1.56 0.00	36.84 1.10 0.00	38.62 1.31 0.00	40.12 1.10 0.00	52.19 1.79 0.00	60.47 2.62 0.00	58.59 2.13 0.00	92.48 4.01 0.00	77.28 2.72 0.00	65.21 1.76 0.00	90.81 2.66 0.00	68.29 1.33 0.00	80.28 -0.01 0.00	118.91 -0.70 0.00	142.97 -0.20 0.00	70.29 -0.13 0.00	75.22 0.34 0.00	78.24 1.87 0.00	57.16 1.57 0.00	40.13 1.35 0.00
DUNKIRK___4 23566	36.19 1.80 0.00	33.57 1.09 0.00	36.48 1.30 0.00	37.44 1.48 0.00	38.35 1.56 0.00	36.84 1.10 0.00	38.62 1.31 0.00	40.12 1.10 0.00	52.19 1.79 0.00	60.47 2.62 0.00	58.59 2.13 0.00	92.48 4.01 0.00	77.28 2.72 0.00	65.21 1.76 0.00	90.81 2.66 0.00	68.29 1.33 0.00	80.28 -0.01 0.00	118.91 -0.70 0.00	142.97 -0.20 0.00	70.29 -0.13 0.00	75.22 0.34 0.00	78.24 1.87 0.00	57.16 1.57 0.00	40.13 1.35 0.00
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	35.78 1.39 0.00	34.07 1.59 0.00	36.85 1.68 0.00	37.65 1.68 0.00	38.53 1.74 0.00	37.52 1.78 0.00	39.30 1.99 0.00	42.60 2.17 -1.41	53.10 2.70 0.00	60.93 3.08 0.00	59.20 2.74 0.00	92.32 3.84 0.00	78.10 3.55 0.00	66.81 3.36 0.00	93.18 5.03 0.00	70.85 3.89 0.00	85.26 4.97 0.00	126.81 7.20 0.00	150.73 7.57 0.00	73.83 3.40 0.00	78.75 3.86 0.00	79.94 3.56 0.00	58.05 2.47 0.00	40.65 1.87 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	35.73 1.35 0.00	33.95 1.48 0.00	36.70 1.53 0.00	37.47 1.50 0.00	38.33 1.54 0.00	37.30 1.56 0.00	39.02 1.70 0.00	40.48 1.82 0.35	52.70 2.30 0.00	60.60 2.74 0.00	58.98 2.52 0.00	92.13 3.65 0.00	77.97 3.41 0.00	66.58 3.14 0.00	92.87 4.72 0.00	70.71 3.75 0.00	84.92 4.63 0.00	126.30 6.69 0.00	150.47 7.30 0.00	73.79 3.36 0.00	78.67 3.78 0.00	79.90 3.53 0.00	58.04 2.45 0.00	40.59 1.80 0.00
E179THST_138_KV_TB4_REV_LBMP_J 345001	35.76 1.38 0.00	34.06 1.58 0.00	36.82 1.65 0.00	37.59 1.63 0.00	38.47 1.68 0.00	37.49 1.75 0.00	39.23 1.92 0.00	42.53 2.10 -1.41	52.96 2.56 0.00	60.75 2.90 0.00	58.95 2.49 0.00	92.03 3.56 0.00	77.90 3.34 0.00	66.61 3.16 0.00	93.08 4.94 0.00	70.71 3.75 0.00	85.11 4.82 0.00	126.52 6.91 0.00	150.27 7.11 0.00	73.66 3.24 0.00	78.68 3.80 0.00	79.86 3.48 0.00	57.96 2.38 0.00	40.58 1.80 0.00
E179THST_13_KV_LOAD 356214	36.00 1.61 0.00	34.27 1.80 0.00	37.06 1.89 0.00	37.82 1.86 0.00	38.71 1.92 0.00	37.72 1.97 0.00	39.49 2.17 0.00	42.80 2.37 -1.41	53.32 2.93 0.00	61.18 3.33 0.00	59.36 2.91 0.00	92.69 4.22 0.00	78.48 3.92 0.00	67.11 3.66 0.00	93.75 5.61 0.00	71.23 4.27 0.00	85.73 5.44 0.00	127.46 7.85 0.00	151.36 8.20 0.00	74.19 3.76 0.00	79.24 4.36 0.00	80.44 4.07 0.00	58.38 2.79 0.00	40.87 2.09 0.00
EAST HAMPTON___GT 23717	38.80 4.41 0.00	36.67 4.20 0.00	39.39 4.21 0.00	40.10 4.14 0.00	41.20 4.41 0.00	40.09 4.35 0.00	42.02 4.70 0.00	45.30 4.89 -1.40	56.70 6.30 0.00	64.61 6.75 0.00	63.11 6.66 0.00	98.17 9.69 0.00	83.60 8.93 -0.12	71.79 8.34 0.00	163.36 12.82 -62.40	204.34 9.45 -127.93	91.13 10.84 -0.01	198.53 16.11 -62.80	232.61 17.08 -72.35	157.38 8.47 -78.49	214.37 10.16 -129.32	82.56 9.13 2.95	62.94 7.02 -0.34	46.22 5.74 -1.70
EAST RIVER___6 23660	35.73 1.34 0.00	34.03 1.56 0.00	36.83 1.65 0.00	37.64 1.68 0.00	38.53 1.74 0.00	37.51 1.77 0.00	39.35 2.03 0.00	42.73 2.31 -1.41	53.32 2.92 0.00	61.19 3.33 0.00	59.37 2.92 0.00	92.68 4.21 0.00	78.42 3.87 0.00	67.07 3.62 0.00	93.57 5.42 0.00	71.15 4.19 0.00	85.61 5.31 0.00	127.39 7.78 0.00	151.31 8.14 0.00	73.98 3.55 0.00	78.92 4.03 0.00	80.05 3.68 0.00	58.07 2.48 0.00	40.66 1.87 0.00

EAST_RIVER___7 23524	35.73 1.34 0.00	34.03 1.56 0.00	36.83 1.65 0.00	37.64 1.68 0.00	38.53 1.74 0.00	37.51 1.77 0.00	39.35 2.03 0.00	42.73 2.31 -1.41	53.32 2.92 0.00	61.19 3.33 0.00	59.37 2.92 0.00	92.68 4.21 0.00	78.42 3.87 0.00	67.07 3.62 0.00	93.57 5.42 0.00	71.15 4.19 0.00	85.61 5.31 0.00	127.39 7.78 0.00	151.31 8.14 0.00	73.98 3.55 0.00	78.92 4.03 0.00	80.05 3.68 0.00	58.07 2.48 0.00	40.66 1.87 0.00
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	35.73 1.34 0.00	34.00 1.53 0.00	36.78 1.61 0.00	37.58 1.61 0.00	38.45 1.66 0.00	37.43 1.69 0.00	39.21 1.89 0.00	42.57 2.06 -1.50	52.96 2.56 0.00	60.81 2.95 0.00	59.08 2.63 0.00	92.16 3.68 0.00	77.95 3.40 0.00	66.68 3.23 0.00	92.97 4.82 0.00	70.71 3.75 0.00	85.07 4.78 0.00	126.56 6.95 0.00	150.45 7.28 0.00	73.70 3.27 0.00	78.61 3.72 0.00	79.79 3.42 0.00	57.96 2.37 0.00	40.59 1.81 0.00
EAST_HAMPTON___DIESEL 23722	38.81 4.42 0.00	36.67 4.20 0.00	39.39 4.22 0.00	40.11 4.14 0.00	41.20 4.41 0.00	40.09 4.35 0.00	42.02 4.70 0.00	45.30 4.89 -1.40	56.70 6.30 0.00	64.62 6.76 0.00	63.13 6.68 0.00	98.19 9.71 0.00	83.64 8.97 -0.12	71.82 8.37 0.00	163.41 12.87 -62.40	204.38 9.49 -127.93	91.20 10.90 -0.01	198.63 16.22 -62.80	232.73 17.21 -72.35	157.44 8.53 -78.48	214.38 10.18 -129.32	82.58 9.16 2.95	62.94 7.02 -0.34	46.22 5.74 -1.70
EAST_PULASKI___ESR 323781	36.09 -0.24 -1.95	33.18 -0.37 -1.08	34.98 -0.43 -0.24	35.60 -0.45 -0.08	36.56 -0.47 -0.24	35.37 -0.43 -0.07	36.96 -0.40 -0.04	38.55 -0.47 0.00	52.19 -0.61 -2.40	65.49 -0.71 -8.34	62.62 -0.67 -6.83	97.48 -0.87 -9.88	85.17 -0.76 -11.37	72.09 -0.47 -9.12	96.97 -0.73 -9.56	78.53 -0.76 -12.33	92.80 -0.74 -13.24	134.93 -1.02 -16.33	161.08 -1.28 -19.19	84.60 -0.26 -14.43	87.31 -0.26 -12.68	84.82 -0.01 -8.45	59.83 0.10 -4.14	40.64 0.03 -1.82
EAST_RIVER___1 323558	35.69 1.30 0.00	34.02 1.55 0.00	36.80 1.63 0.00	37.62 1.65 0.00	38.51 1.72 0.00	37.49 1.75 0.00	39.32 2.01 0.00	42.67 2.24 -1.41	53.20 2.81 0.00	61.01 3.16 0.00	59.26 2.81 0.00	92.47 3.99 0.00	78.24 3.69 0.00	66.93 3.48 0.00	93.35 5.21 0.00	70.98 4.01 0.00	85.40 5.11 0.00	126.98 7.37 0.00	150.79 7.63 0.00	73.81 3.38 0.00	78.74 3.86 0.00	79.92 3.55 0.00	57.98 2.39 0.00	40.58 1.79 0.00
EAST_RIVER___2 323559	35.73 1.34 0.00	34.03 1.56 0.00	36.83 1.65 0.00	37.64 1.68 0.00	38.53 1.74 0.00	37.51 1.77 0.00	39.35 2.03 0.00	42.73 2.31 -1.41	53.32 2.92 0.00	61.19 3.33 0.00	59.37 2.92 0.00	92.68 4.21 0.00	78.42 3.87 0.00	67.07 3.62 0.00	93.57 5.42 0.00	71.15 4.19 0.00	85.61 5.31 0.00	127.39 7.78 0.00	151.31 8.14 0.00	73.98 3.55 0.00	78.92 4.03 0.00	80.05 3.68 0.00	58.07 2.48 0.00	40.66 1.87 0.00
EAST___DELAWARE_HYD 23607	35.24 0.85 0.00	33.38 0.91 0.00	36.10 0.92 0.00	36.83 0.86 0.00	37.64 0.85 0.00	36.60 0.86 0.00	38.33 1.01 0.00	39.84 1.08 0.25	51.83 1.43 0.00	59.62 1.77 0.00	57.90 1.45 0.00	90.80 2.32 0.00	76.57 2.01 0.00	54.90 0.50 9.05	83.54 1.35 5.96	67.97 1.01 0.00	81.99 1.70 0.00	122.85 3.24 0.00	146.68 3.51 0.00	72.00 1.58 0.00	77.07 2.18 0.00	79.64 3.27 0.00	57.65 2.06 0.00	40.17 1.39 0.00
EIGHT_POINT___WT_PWR 323820	36.27 1.63 -0.24	33.66 1.05 -0.14	36.34 1.13 -0.03	37.33 1.35 -0.01	38.39 1.57 -0.03	37.12 1.37 -0.01	38.82 1.50 0.00	40.40 1.39 0.00	52.63 1.93 -0.30	61.30 2.39 -1.05	59.34 2.02 -0.86	93.12 3.39 -1.25	78.29 2.29 -1.44	66.33 1.73 -1.15	91.98 2.62 -1.21	70.04 1.52 -1.56	83.09 1.12 -1.68	123.02 1.35 -2.06	147.59 1.99 -2.43	73.45 1.20 -1.82	78.08 1.59 -1.60	79.60 2.16 -1.07	58.12 1.93 -0.60	40.66 1.61 -0.27
ELBRIDGE_115KV_TB2 80188	35.74 0.05 -1.30	33.12 -0.07 -0.72	35.24 -0.10 -0.16	35.95 -0.07 -0.05	36.87 -0.07 -0.16	35.70 -0.09 -0.05	37.31 -0.03 -0.03	38.89 -0.12 0.00	51.91 -0.10 -1.61	63.41 -0.04 -5.60	60.94 -0.10 -4.58	95.23 0.13 -6.62	82.34 0.15 -7.63	69.76 0.19 -6.11	94.91 0.36 -6.41	75.39 0.16 -8.27	89.19 0.01 -8.88	130.70 0.13 -10.95	156.18 0.14 -12.87	80.14 0.03 -9.68	83.46 0.06 -8.51	82.32 0.25 -5.70	58.84 0.11 -3.14	40.21 0.03 -1.40
ELEC_TRO_TEK 24086	36.30 1.91 0.00	34.49 2.02 0.00	37.24 2.06 0.00	38.04 2.08 0.00	38.99 2.20 0.00	37.94 2.20 0.00	39.72 2.41 0.00	42.86 2.45 -1.40	53.40 3.01 0.00	60.76 2.91 0.00	59.11 2.65 0.00	91.86 3.38 0.00	77.98 3.42 0.00	66.81 3.36 0.00	93.39 5.25 0.00	70.96 4.00 0.00	85.61 5.31 0.00	127.38 7.77 0.00	150.99 7.83 0.00	73.99 3.56 0.00	79.05 4.17 0.00	83.46 3.75 -3.34	58.50 2.91 0.00	42.95 2.48 -1.70
ELLENBURG_WT_PWR 323604	34.76 0.38 0.00	32.60 0.13 0.00	35.20 0.02 0.00	36.07 0.11 0.00	36.85 0.07 0.00	35.94 0.20 0.00	37.68 0.37 0.00	39.49 0.47 0.00	50.97 0.57 0.00	58.16 0.31 0.00	56.67 0.22 0.00	88.77 0.30 0.00	74.04 -0.52 0.00	62.54 -0.91 0.00	86.47 -1.68 0.00	65.85 -1.11 0.00	79.31 -0.98 0.00	118.00 -1.61 0.00	142.76 -0.41 0.00	69.81 -0.62 0.00	74.29 -0.60 0.00	76.35 -0.03 0.00	56.28 0.69 0.00	39.16 0.37 0.00
ELM_ST_23_KV_LD_REV_LBMP_A 345012	35.99 1.60 0.00	33.30 0.82 0.00	36.13 0.96 0.00	37.17 1.20 0.00	38.11 1.32 0.00	36.58 0.84 0.00	38.30 0.99 0.00	39.66 0.65 0.00	51.54 1.14 0.00	59.66 1.80 0.00	57.85 1.39 0.00	91.20 2.73 0.00	76.23 1.67 0.00	64.36 0.91 0.00	89.40 1.26 0.00	67.18 0.22 0.00	78.86 -1.43 0.00	117.10 -2.51 0.00	140.89 -2.27 0.00	69.50 -0.92 0.00	74.34 -0.54 0.00	77.12 0.74 0.00	56.35 0.77 0.00	39.62 0.84 0.00
EMPIRE_CC_1 323656	35.16 0.77 0.00	33.55 1.08 0.00	36.35 1.17 0.00	37.05 1.09 0.00	37.85 1.06 0.00	36.92 1.18 0.00	38.26 0.94 0.00	40.26 0.86 -0.39	51.30 0.90 0.00	58.78 0.93 0.00	57.20 0.75 0.00	88.98 0.50 0.00	75.09 0.54 0.00	64.28 0.83 0.00	89.06 0.92 0.00	67.79 0.82 0.00	81.44 1.14 0.00	121.33 1.72 0.00	144.93 1.77 0.00	71.38 0.96 0.00	76.31 1.42 0.00	77.48 1.11 0.00	56.47 0.88 0.00	39.71 0.92 0.00
EMPIRE_CC_2 323658	35.16 0.77 0.00	33.55 1.08 0.00	36.35 1.17 0.00	37.05 1.09 0.00	37.85 1.06 0.00	36.92 1.18 0.00	38.26 0.94 0.00	40.26 0.86 -0.39	51.30 0.90 0.00	58.78 0.93 0.00	57.20 0.75 0.00	88.98 0.50 0.00	75.09 0.54 0.00	64.28 0.83 0.00	89.06 0.92 0.00	67.79 0.82 0.00	81.44 1.14 0.00	121.33 1.72 0.00	144.93 1.77 0.00	71.38 0.96 0.00	76.31 1.42 0.00	77.48 1.11 0.00	56.47 0.88 0.00	39.71 0.92 0.00
ENORWICH_115KV_TB1 80156	37.81 2.93 -0.50	35.37 2.63 -0.27	37.99 2.75 -0.06	38.79 2.80 -0.02	39.77 2.92 -0.06	38.62 2.86 -0.02	40.41 3.08 -0.01	42.28 3.27 0.00	55.19 4.18 -0.61	64.60 4.62 -2.13	62.98 4.79 -1.74	98.79 7.80 -2.51	83.98 6.53 -2.90	71.73 5.96 -2.32	98.57 7.99 -2.43	75.79 5.69 -3.14	90.57 6.91 -3.37	134.78 11.01 -4.16	162.02 13.97 -4.89	81.38 7.28 -3.67	85.96 7.84 -3.23	86.71 8.17 -2.16	62.16 5.38 -1.19	42.85 3.54 -0.53

ERIE_ST__34_KV_TB1-2 80199	36.34 1.96 0.00	33.64 1.17 0.00	36.50 1.32 0.00	37.50 1.53 0.00	38.42 1.63 0.00	36.93 1.19 0.00	38.68 1.37 0.00	40.16 1.15 0.00	52.29 1.89 0.00	60.58 2.72 0.00	58.86 2.41 0.00	92.87 4.39 0.00	77.70 3.15 0.00	65.68 2.23 0.00	91.32 3.17 0.00	68.69 1.73 0.00	80.77 0.48 0.00	119.83 0.22 0.00	143.85 0.69 0.00	70.91 0.49 0.00	75.71 0.82 0.00	78.44 2.07 0.00	57.23 1.64 0.00	40.13 1.34 0.00
ERIE_WT_PWR 323693	36.19 1.80 0.00	33.49 1.02 0.00	36.32 1.15 0.00	37.35 1.39 0.00	38.30 1.52 0.00	36.78 1.04 0.00	38.50 1.19 0.00	39.89 0.88 0.00	51.89 1.49 0.00	60.08 2.23 0.00	58.32 1.87 0.00	91.99 3.51 0.00	76.91 2.35 0.00	64.99 1.54 0.00	90.29 2.15 0.00	67.86 0.90 0.00	79.69 -0.60 0.00	118.39 -1.22 0.00	142.18 -0.99 0.00	70.16 -0.26 0.00	75.03 0.15 0.00	77.80 1.43 0.00	56.83 1.24 0.00	39.93 1.14 0.00
ESPRGFLD_115KV_TB1 80157	36.90 2.52 0.00	34.58 2.11 0.00	37.47 2.29 0.00	38.35 2.38 0.00	39.31 2.52 0.00	38.08 2.34 0.00	39.94 2.63 0.00	41.75 2.74 0.00	53.98 3.58 0.00	62.06 4.20 0.00	60.68 4.22 0.00	95.52 7.05 0.00	80.58 6.03 0.00	68.17 4.73 0.00	94.73 6.59 0.00	72.14 5.18 0.00	86.21 5.92 0.00	128.09 8.48 0.00	153.95 10.78 0.00	75.65 5.23 0.00	80.61 5.72 0.00	82.43 6.06 0.00	59.83 4.24 0.00	41.60 2.82 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	36.10 1.03 -0.69	33.70 0.85 -0.38	36.16 0.89 -0.08	36.92 0.93 -0.03	37.84 0.97 -0.08	36.71 0.94 -0.03	38.37 1.05 -0.01	40.07 1.05 0.00	52.61 1.36 -0.85	62.37 1.56 -2.95	60.35 1.48 -2.41	94.57 2.60 -3.49	80.84 2.27 -4.02	68.61 1.94 -3.22	94.22 2.70 -3.38	73.22 1.90 -4.36	87.21 2.24 -4.68	129.07 3.70 -5.77	154.54 4.60 -6.78	77.94 2.42 -5.10	82.05 2.68 -4.48	82.33 2.96 -3.00	59.16 1.92 -1.65	40.79 1.27 -0.74
ETNA____115KV_TB2 80207	36.10 1.03 -0.69	33.70 0.85 -0.38	36.16 0.89 -0.08	36.92 0.93 -0.03	37.84 0.97 -0.08	36.71 0.94 -0.03	38.37 1.05 -0.01	40.07 1.05 0.00	52.61 1.36 -0.85	62.37 1.56 -2.95	60.35 1.48 -2.41	94.57 2.60 -3.49	80.84 2.27 -4.02	68.61 1.94 -3.22	94.22 2.70 -3.38	73.22 1.90 -4.36	87.21 2.24 -4.68	129.07 3.70 -5.77	154.54 4.60 -6.78	77.94 2.42 -5.10	82.05 2.68 -4.48	82.33 2.96 -3.00	59.16 1.92 -1.65	40.79 1.27 -0.74
EUCLID____115KV_TB2 356179	34.65 -0.30 -0.56	32.39 -0.40 -0.31	34.79 -0.45 -0.07	35.55 -0.44 -0.02	36.41 -0.44 -0.07	35.32 -0.44 -0.02	36.88 -0.44 -0.01	38.53 -0.49 0.00	50.57 -0.53 -0.70	59.79 -0.49 -2.42	57.98 -0.45 -1.98	90.91 -0.31 -2.87	77.55 -0.22 -3.30	65.87 -0.24 -2.65	90.68 -0.29 -2.77	70.24 -0.29 -3.58	83.61 -0.52 -3.85	123.53 -0.82 -4.74	147.69 -1.05 -5.57	74.08 -0.53 -4.19	78.04 -0.53 -3.68	78.39 -0.44 -2.46	56.49 -0.42 -1.32	39.06 -0.31 -0.59
E_CANADA_CAP_HY 24051	37.51 3.12 0.00	35.12 2.64 0.00	38.05 2.87 0.00	38.93 2.97 0.00	39.91 3.12 0.00	38.66 2.91 0.00	40.54 3.22 0.00	42.63 3.40 -0.22	54.70 4.29 0.00	62.84 4.98 0.00	61.39 4.93 0.00	96.48 8.01 0.00	81.44 6.89 0.00	68.87 5.42 0.00	95.62 7.48 0.00	73.09 6.12 0.00	87.18 6.89 0.00	129.69 10.08 0.00	156.20 13.04 0.00	76.73 6.31 0.00	81.83 6.94 0.00	83.80 7.43 0.00	60.83 5.24 0.00	42.30 3.51 0.00
E_CANADA_MHWK_HY 24050	34.15 -0.23 0.00	32.65 0.18 0.00	35.32 0.14 0.00	35.96 -0.01 0.00	36.70 -0.09 0.00	35.88 0.14 0.00	37.24 -0.08 0.00	38.97 -0.05 0.00	50.14 -0.26 0.00	57.42 -0.44 0.00	56.09 -0.36 0.00	87.85 -0.63 0.00	74.13 -0.42 0.00	63.73 0.28 0.00	88.64 0.50 0.00	67.40 0.44 0.00	80.33 0.04 0.00	119.59 -0.02 0.00	142.92 -0.25 0.00	70.57 0.14 0.00	75.53 0.64 0.00	76.83 0.46 0.00	55.68 0.09 0.00	38.91 0.12 0.00
E_FISHKILL____LBMP 23776	35.56 1.17 0.00	33.86 1.39 0.00	36.64 1.46 0.00	37.40 1.43 0.00	38.25 1.46 0.00	37.25 1.51 0.00	38.95 1.63 0.00	41.31 1.75 -0.55	52.53 2.13 0.00	60.34 2.48 0.00	58.66 2.20 0.00	91.45 2.98 0.00	77.30 2.75 0.00	66.13 2.69 0.00	92.08 3.93 0.00	70.06 3.10 0.00	84.28 3.99 0.00	125.41 5.80 0.00	149.21 6.05 0.00	73.19 2.76 0.00	78.07 3.19 0.00	79.26 2.89 0.00	57.63 2.04 0.00	40.40 1.62 0.00
FALCON____SEABRD_CC1 323796	35.25 0.87 0.00	33.08 0.61 0.00	35.72 0.55 0.00	36.55 0.59 0.00	37.28 0.50 0.00	36.44 0.69 0.00	38.24 0.92 0.00	40.08 1.07 0.00	51.65 1.25 0.00	58.70 0.84 0.00	56.88 0.42 0.00	88.87 0.39 0.00	73.63 -0.92 0.00	61.94 -1.50 0.00	85.46 -2.69 0.00	65.18 -1.78 0.00	78.63 -1.66 0.00	116.79 -2.82 0.00	142.10 -1.06 0.00	69.57 -0.86 0.00	74.13 -0.75 0.00	76.51 0.14 0.00	57.01 1.42 0.00	39.79 1.00 0.00
FALCON____SEABRD_CC2 323797	35.25 0.87 0.00	33.08 0.61 0.00	35.72 0.55 0.00	36.55 0.59 0.00	37.28 0.50 0.00	36.44 0.69 0.00	38.24 0.92 0.00	40.08 1.07 0.00	51.65 1.25 0.00	58.70 0.84 0.00	56.88 0.42 0.00	88.87 0.39 0.00	73.63 -0.92 0.00	61.94 -1.50 0.00	85.46 -2.69 0.00	65.18 -1.78 0.00	78.63 -1.66 0.00	116.79 -2.82 0.00	142.10 -1.06 0.00	69.57 -0.86 0.00	74.13 -0.75 0.00	76.51 0.14 0.00	57.01 1.42 0.00	39.79 1.00 0.00
FAR ROCKAWAY____4 23548	36.99 2.60 0.00	35.07 2.60 0.00	37.81 2.64 0.00	38.61 2.65 0.00	39.57 2.78 0.00	38.53 2.78 0.00	40.31 2.99 0.00	43.52 3.10 -1.40	54.23 3.83 0.00	61.14 3.28 0.00	59.43 2.98 0.00	92.50 4.02 0.00	78.56 4.00 0.00	67.37 3.92 0.00	94.23 6.08 0.00	71.67 4.70 0.00	86.55 6.26 0.00	128.99 9.37 0.00	152.90 9.73 0.00	74.82 4.40 0.00	79.93 5.04 0.00	93.44 4.65 -12.42	59.05 3.46 0.00	43.22 2.74 -1.70
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	35.71 1.33 0.00	34.06 1.59 0.00	36.83 1.65 0.00	37.65 1.68 0.00	38.55 1.76 0.00	37.53 1.79 0.00	39.36 2.05 0.00	42.70 2.27 -1.41	53.25 2.85 0.00	61.05 3.20 0.00	59.28 2.83 0.00	92.50 4.03 0.00	78.28 3.72 0.00	66.95 3.51 0.00	93.40 5.26 0.00	71.02 4.05 0.00	85.44 5.15 0.00	127.04 7.43 0.00	150.88 7.71 0.00	73.87 3.44 0.00	78.81 3.92 0.00	79.98 3.61 0.00	58.02 2.43 0.00	40.60 1.81 0.00
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	35.76 1.37 0.00	34.09 1.62 0.00	36.87 1.69 0.00	37.69 1.72 0.00	38.59 1.80 0.00	37.57 1.82 0.00	39.40 2.08 0.00	42.73 2.30 -1.41	53.29 2.89 0.00	61.10 3.25 0.00	59.32 2.87 0.00	92.59 4.12 0.00	78.34 3.78 0.00	67.00 3.56 0.00	93.47 5.33 0.00	71.08 4.12 0.00	85.52 5.22 0.00	127.16 7.55 0.00	151.02 7.86 0.00	73.95 3.52 0.00	78.89 4.00 0.00	80.07 3.70 0.00	58.08 2.49 0.00	40.65 1.86 0.00
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	35.69 1.30 0.00	34.03 1.56 0.00	36.81 1.64 0.00	37.64 1.67 0.00	38.53 1.74 0.00	37.51 1.78 0.00	39.34 2.02 0.00	42.67 2.25 -1.41	53.22 2.82 0.00	61.02 3.17 0.00	59.24 2.78 0.00	92.44 3.96 0.00	78.22 3.67 0.00	66.90 3.46 0.00	93.35 5.20 0.00	70.96 4.00 0.00	85.38 5.08 0.00	126.92 7.31 0.00	150.77 7.60 0.00	73.81 3.38 0.00	78.74 3.86 0.00	79.91 3.54 0.00	57.97 2.38 0.00	40.57 1.78 0.00

FARRAGUT___LBMP 323566	35.66 1.27 0.00	34.00 1.53 0.00	36.78 1.60 0.00	37.60 1.64 0.00	38.49 1.70 0.00	37.47 1.73 0.00	39.29 1.98 0.00	42.62 2.19 -1.41	53.14 2.74 0.00	60.93 3.07 0.00	59.16 2.70 0.00	92.31 3.83 0.00	78.11 3.55 0.00	66.81 3.36 0.00	93.19 5.05 0.00	70.86 3.90 0.00	85.26 4.97 0.00	126.79 7.18 0.00	150.56 7.39 0.00	73.72 3.30 0.00	78.66 3.77 0.00	79.84 3.47 0.00	57.91 2.32 0.00	40.53 1.75 0.00
FENNER___WINDPWR 24204	35.73 0.82 -0.52	33.45 0.68 -0.29	35.93 0.68 -0.06	36.67 0.69 -0.02	37.57 0.72 -0.06	36.49 0.73 -0.02	38.12 0.80 -0.01	39.85 0.84 0.00	52.17 1.13 -0.64	61.46 1.37 -2.23	59.78 1.50 -1.83	93.74 2.62 -2.64	79.85 2.25 -3.04	67.95 2.06 -2.44	93.56 2.86 -2.56	72.30 2.04 -3.30	86.29 2.46 -3.55	127.68 3.69 -4.37	152.75 4.45 -5.14	76.68 2.39 -3.86	80.87 2.59 -3.40	81.34 2.70 -2.27	58.57 1.75 -1.23	40.44 1.11 -0.55
FIBERTEK___ENERGY 23856	35.69 0.07 -1.22	33.11 -0.04 -0.68	35.26 -0.07 -0.15	35.96 -0.05 -0.05	36.88 -0.06 -0.15	35.74 -0.04 -0.04	37.34 0.00 -0.02	38.94 -0.08 0.00	51.86 -0.05 -1.51	63.05 -0.05 -5.25	60.70 -0.05 -4.30	94.91 0.22 -6.21	81.91 0.20 -7.15	69.42 0.24 -5.73	94.60 0.44 -6.01	74.97 0.26 -7.76	88.80 0.17 -8.33	130.08 0.20 -10.27	155.39 0.15 -12.08	79.54 0.04 -9.08	82.90 0.03 -7.98	81.91 0.19 -5.34	58.66 0.12 -2.95	40.19 0.09 -1.32
FITZPATRICK____ 23598	26.79 -0.90 6.70	27.82 -0.93 3.73	33.33 -1.02 0.83	34.68 -1.02 0.27	34.92 -1.04 0.82	34.46 -1.03 0.25	36.13 -1.05 0.13	37.88 -1.14 0.00	40.72 -1.41 8.28	27.60 -1.53 28.71	31.44 -1.50 23.51	52.31 -2.16 34.00	33.63 -1.78 39.15	30.56 -1.49 31.39	53.20 -2.04 32.90	22.87 -1.64 42.46	32.61 -2.09 45.59	60.29 -3.11 56.21	73.33 -3.76 66.08	18.88 -1.85 49.69	29.29 -1.92 43.67	45.27 -1.88 29.23	38.15 -1.42 16.02	30.63 -1.01 7.14
FLOWRFLD_69_KV_BK1 356044	37.14 2.76 0.00	35.23 2.76 0.00	37.93 2.76 0.00	38.69 2.72 0.00	39.69 2.90 0.00	38.60 2.86 0.00	40.44 3.13 0.00	43.59 3.18 -1.40	54.37 3.97 0.00	61.68 3.83 0.00	59.68 3.23 0.00	92.10 3.63 0.00	78.83 4.17 -0.10	67.66 4.21 0.00	180.56 6.55 -85.87	247.51 4.82 -175.73	86.58 6.27 -0.01	238.86 9.57 -109.68	280.81 9.60 -128.05	196.52 4.48 -121.62	251.96 5.14 -171.93	77.87 4.40 2.90	59.67 3.80 -0.28	44.06 3.58 -1.70
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	36.18 1.79 0.00	34.38 1.90 0.00	37.18 2.01 0.00	37.94 1.97 0.00	38.79 2.00 0.00	37.77 2.03 0.00	39.51 2.19 0.00	41.64 2.41 -0.21	53.49 3.09 0.00	61.52 3.66 0.00	59.96 3.51 0.00	93.67 5.20 0.00	79.27 4.71 0.00	67.80 4.36 0.00	94.48 6.33 0.00	71.85 4.89 0.00	86.30 6.01 0.00	128.33 8.72 0.00	152.87 9.70 0.00	74.92 4.49 0.00	79.84 4.95 0.00	81.01 4.64 0.00	58.82 3.23 0.00	41.13 2.34 0.00
FORT ORANGE____ 23900	35.01 0.62 0.00	33.25 0.78 0.00	36.04 0.86 0.00	36.75 0.78 0.00	37.55 0.76 0.00	36.60 0.87 0.00	38.02 0.70 0.00	40.04 0.71 -0.31	51.13 0.72 0.00	58.53 0.67 0.00	56.86 0.40 0.00	88.43 -0.04 0.00	74.54 -0.01 0.00	51.51 0.27 12.20	80.41 0.29 8.03	67.39 0.43 0.00	80.87 0.58 0.00	120.65 1.03 0.00	144.19 1.03 0.00	71.07 0.65 0.00	75.98 1.09 0.00	77.16 0.79 0.00	56.23 0.64 0.00	39.53 0.74 0.00
FORT_DRUM_COGEN 23780	36.25 0.84 -1.02	33.56 0.52 -0.57	35.79 0.49 -0.13	36.47 0.47 -0.04	37.36 0.45 -0.12	36.24 0.46 -0.04	38.03 0.69 -0.02	39.60 0.59 0.00	52.25 0.58 -1.26	62.71 0.47 -4.39	60.61 0.57 -3.59	94.57 0.90 -5.19	80.91 0.37 -5.98	69.01 0.77 -4.80	94.02 0.85 -5.03	73.74 0.29 -6.49	88.60 1.34 -6.97	130.63 2.43 -8.59	155.82 2.56 -10.10	80.65 2.63 -7.59	84.38 2.82 -6.67	84.36 3.56 -4.43	60.17 2.62 -1.96	41.19 1.55 -0.85
FPL_FAR_ROCK_GT1 24212	36.99 2.60 0.00	35.08 2.60 0.00	37.81 2.64 0.00	38.62 2.66 0.00	39.57 2.78 0.00	38.53 2.78 0.00	40.31 3.00 0.00	43.51 3.10 -1.40	54.22 3.82 0.00	61.14 3.29 0.00	59.44 2.98 0.00	92.50 4.03 0.00	78.55 4.00 0.00	67.36 3.92 0.00	94.23 6.08 0.00	71.67 4.70 0.00	86.56 6.26 0.00	128.98 9.36 0.00	152.89 9.73 0.00	74.81 4.39 0.00	79.91 5.02 0.00	93.45 4.66 -12.42	59.05 3.46 0.00	43.23 2.75 -1.70
FPL_FAR_ROCK_GT2 23815	36.99 2.60 0.00	35.08 2.60 0.00	37.81 2.64 0.00	38.62 2.66 0.00	39.57 2.78 0.00	38.53 2.78 0.00	40.31 3.00 0.00	43.51 3.10 -1.40	54.22 3.82 0.00	61.14 3.29 0.00	59.44 2.98 0.00	92.50 4.03 0.00	78.55 4.00 0.00	67.36 3.92 0.00	94.23 6.08 0.00	71.67 4.70 0.00	86.56 6.26 0.00	128.98 9.36 0.00	152.89 9.73 0.00	74.81 4.39 0.00	79.91 5.02 0.00	93.45 4.66 -12.42	59.05 3.46 0.00	43.23 2.75 -1.70
FRANKLIN_FALL_HYD 24054	34.95 0.56 0.00	32.74 0.26 0.00	35.37 0.19 0.00	36.23 0.26 0.00	37.02 0.23 0.00	35.97 0.23 0.00	37.74 0.42 0.00	39.54 0.53 0.00	51.07 0.67 0.00	58.53 0.68 0.00	57.22 0.76 0.00	89.76 1.29 0.00	74.99 0.43 0.00	63.38 -0.07 0.00	87.85 -0.29 0.00	66.86 -0.10 0.00	80.45 0.16 0.00	119.85 0.24 0.00	144.68 1.51 0.00	70.89 0.47 0.00	75.20 0.31 0.00	77.16 0.79 0.00	56.71 1.12 0.00	39.41 0.62 0.00
FREEPORT_EQUS_GT1 23764	36.57 2.18 0.00	34.79 2.32 0.00	37.54 2.36 0.00	38.34 2.38 0.00	39.29 2.50 0.00	38.27 2.53 0.00	40.06 2.74 0.00	43.10 2.69 -1.40	53.67 3.27 0.00	60.97 3.12 0.00	59.33 2.88 0.00	92.21 3.73 0.00	78.32 3.76 0.00	67.18 3.73 0.00	93.70 5.56 0.00	71.22 4.26 0.00	86.01 5.71 0.00	128.05 8.44 0.00	151.63 8.46 0.00	74.32 3.89 0.00	79.65 4.76 0.00	82.96 4.31 -2.28	58.90 3.32 0.00	43.26 2.78 -1.70
FREEPORT___CT2 23818	36.57 2.18 0.00	34.79 2.32 0.00	37.54 2.36 0.00	38.34 2.38 0.00	39.29 2.50 0.00	38.27 2.53 0.00	40.06 2.74 0.00	43.10 2.69 -1.40	53.67 3.27 0.00	60.97 3.12 0.00	59.33 2.88 0.00	92.21 3.73 0.00	78.32 3.76 0.00	67.18 3.73 0.00	93.70 5.56 0.00	71.22 4.26 0.00	86.01 5.71 0.00	128.05 8.44 0.00	151.63 8.46 0.00	74.32 3.89 0.00	79.65 4.76 0.00	82.96 4.31 -2.28	58.90 3.32 0.00	43.26 2.78 -1.70
FRESHKLS_33_KV_LOAD 356253	32.62 1.19 2.96	31.08 1.42 2.82	31.52 1.50 5.15	32.16 1.47 5.27	31.16 1.52 7.15	25.67 1.55 11.63	25.15 1.85 14.02	27.89 2.12 13.25	31.48 2.69 21.61	43.13 2.98 17.71	58.97 2.52 0.00	92.14 3.67 0.00	78.20 3.64 0.00	66.77 3.32 0.00	93.50 5.35 0.00	70.86 3.90 0.00	85.36 5.07 0.00	126.91 7.30 0.00	150.60 7.43 0.00	74.04 3.62 0.00	79.15 4.26 -0.01	80.28 3.89 -0.02	59.38 2.60 -1.19	40.65 1.86 -0.01
FULTON COGEN____ 23766	36.09 -0.50 -2.20	33.13 -0.57 -1.22	34.81 -0.64 -0.27	35.42 -0.64 -0.09	36.42 -0.64 -0.27	35.20 -0.62 -0.08	36.72 -0.63 -0.04	38.33 -0.69 0.00	52.29 -0.83 -2.72	66.40 -0.88 -9.42	63.39 -0.78 -7.72	98.67 -0.96 -11.16	86.69 -0.71 -12.84	73.20 -0.55 -10.30	98.26 -0.68 -10.79	80.28 -0.62 -13.93	94.40 -0.85 -14.96	136.66 -1.40 -18.44	163.19 -1.66 -21.68	85.90 -0.83 -16.30	88.36 -0.85 -14.33	85.15 -0.82 -9.60	60.26 -0.74 -5.41	40.66 -0.54 -2.42

FULTON___LFGE 323630	38.09 3.70 0.00	35.94 3.47 0.00	38.78 3.60 0.00	39.60 3.63 0.00	40.61 3.82 0.00	39.57 3.83 0.00	41.16 3.84 0.00	43.38 4.11 -0.25	55.19 4.80 0.00	63.03 5.17 0.00	61.47 5.02 0.00	96.96 8.48 0.00	81.96 7.40 0.00	69.66 6.21 0.00	99.69 11.55 0.00	76.07 9.11 0.00	89.97 9.68 0.00	132.92 13.31 0.00	159.03 15.86 0.00	78.49 8.07 0.00	83.99 9.10 0.00	85.58 9.21 0.00	61.97 6.38 0.00	43.01 4.22 0.00
G.F.CEMENT___DRP 24184	36.64 2.25 0.00	34.81 2.34 0.00	37.66 2.49 0.00	38.40 2.43 0.00	39.17 2.38 0.00	38.26 2.53 0.00	39.81 2.50 0.00	42.05 2.73 -0.31	53.67 3.28 0.00	61.53 3.67 0.00	60.01 3.56 0.00	93.70 5.23 0.00	78.80 4.24 0.00	67.95 4.51 0.00	94.09 5.94 0.00	71.91 4.95 0.00	86.21 5.92 0.00	128.31 8.70 0.00	154.06 10.90 0.00	75.65 5.22 0.00	80.99 6.10 0.00	82.44 6.06 0.00	59.81 4.22 0.00	41.83 3.04 0.00
GARDENVILLE___LBMP 24039	36.06 1.67 0.00	33.37 0.90 0.00	36.22 1.04 0.00	37.24 1.27 0.00	38.17 1.38 0.00	36.66 0.92 0.00	38.38 1.07 0.00	39.77 0.76 0.00	51.69 1.29 0.00	59.84 1.98 0.00	58.04 1.59 0.00	91.51 3.03 0.00	76.51 1.95 0.00	64.61 1.17 0.00	89.78 1.64 0.00	67.49 0.53 0.00	79.26 -1.04 0.00	117.66 -1.95 0.00	141.50 -1.66 0.00	69.77 -0.66 0.00	74.61 -0.28 0.00	77.42 1.05 0.00	56.57 0.98 0.00	39.75 0.97 0.00
GARDNVLA_35_KV_LD 355827	36.24 1.86 0.00	33.52 1.05 0.00	36.36 1.19 0.00	37.39 1.42 0.00	38.33 1.54 0.00	36.80 1.06 0.00	38.53 1.21 0.00	39.95 0.94 0.00	51.99 1.59 0.00	60.21 2.35 0.00	58.48 2.03 0.00	92.26 3.79 0.00	77.15 2.59 0.00	65.20 1.76 0.00	90.62 2.48 0.00	68.11 1.14 0.00	79.98 -0.32 0.00	118.77 -0.84 0.00	142.74 -0.43 0.00	70.38 -0.04 0.00	75.20 0.31 0.00	77.98 1.60 0.00	56.93 1.35 0.00	39.98 1.20 0.00
GELCKHM___115KV_LOAD 80723	35.03 -0.16 -0.81	32.66 -0.26 -0.45	34.98 -0.30 -0.10	35.70 -0.29 -0.03	36.60 -0.29 -0.10	35.48 -0.29 -0.03	37.06 -0.27 -0.02	38.69 -0.33 0.00	51.05 -0.34 -1.00	60.99 -0.32 -3.45	58.96 -0.33 -2.83	92.34 -0.23 -4.09	79.13 -0.13 -4.71	67.15 -0.07 -3.78	92.09 -0.01 -3.96	71.97 -0.10 -5.11	85.51 -0.27 -5.49	125.91 -0.46 -6.76	150.49 -0.63 -7.95	76.08 -0.32 -5.98	79.82 -0.32 -5.25	79.67 -0.21 -3.51	57.28 -0.22 -1.92	39.47 -0.17 -0.85
GENERAL___MILLS 23808	36.16 1.77 0.00	33.45 0.98 0.00	36.30 1.12 0.00	37.33 1.36 0.00	38.27 1.48 0.00	36.74 1.01 0.00	38.46 1.15 0.00	39.87 0.85 0.00	51.85 1.45 0.00	60.03 2.17 0.00	58.26 1.80 0.00	91.89 3.42 0.00	76.82 2.27 0.00	64.92 1.48 0.00	90.21 2.06 0.00	67.79 0.83 0.00	79.62 -0.67 0.00	118.24 -1.37 0.00	142.12 -1.05 0.00	70.09 -0.33 0.00	74.92 0.03 0.00	77.72 1.34 0.00	56.76 1.17 0.00	39.87 1.09 0.00
GE_PLASTICS___DRP 24183	35.05 0.67 0.00	33.36 0.89 0.00	36.18 1.01 0.00	36.91 0.95 0.00	37.72 0.93 0.00	36.76 1.02 0.00	38.18 0.86 0.00	40.20 0.87 -0.31	51.38 0.98 0.00	58.81 0.95 0.00	56.90 0.44 0.00	88.35 -0.12 0.00	74.48 -0.08 0.00	-163.70 0.09 227.24	-61.52 -0.03 149.64	67.19 0.23 0.00	80.65 0.36 0.00	120.30 0.68 0.00	143.65 0.49 0.00	70.79 0.37 0.00	75.66 0.78 0.00	76.80 0.43 0.00	56.04 0.46 0.00	39.52 0.73 0.00
GILBOA___1 23756	35.15 0.76 0.00	33.52 1.05 0.00	36.54 1.36 0.00	37.30 1.33 0.00	38.14 1.36 0.00	37.11 1.37 0.00	38.41 1.10 0.00	40.21 1.00 -0.20	51.60 1.20 0.00	59.05 1.19 0.00	57.44 0.99 0.00	89.91 1.43 0.00	75.75 1.19 0.00	64.40 0.95 0.00	89.44 1.29 0.00	67.98 1.02 0.00	81.58 1.29 0.00	121.34 1.73 0.00	144.81 1.64 0.00	71.38 0.95 0.00	76.47 1.58 0.00	77.66 1.29 0.00	56.63 1.04 0.00	39.78 1.00 0.00
GILBOA___2 23757	35.15 0.76 0.00	33.52 1.05 0.00	36.54 1.36 0.00	37.30 1.33 0.00	38.14 1.36 0.00	37.11 1.37 0.00	38.41 1.10 0.00	40.21 1.00 -0.20	51.60 1.20 0.00	59.05 1.19 0.00	57.44 0.99 0.00	89.91 1.43 0.00	75.75 1.19 0.00	64.40 0.95 0.00	89.44 1.29 0.00	67.98 1.02 0.00	81.58 1.29 0.00	121.34 1.73 0.00	144.81 1.64 0.00	71.38 0.95 0.00	76.47 1.58 0.00	77.66 1.29 0.00	56.63 1.04 0.00	39.78 1.00 0.00
GILBOA___3 23758	35.15 0.76 0.00	33.52 1.05 0.00	36.54 1.36 0.00	37.30 1.33 0.00	38.14 1.36 0.00	37.11 1.37 0.00	38.41 1.10 0.00	40.21 1.00 -0.20	51.60 1.20 0.00	59.05 1.19 0.00	57.44 0.99 0.00	89.91 1.43 0.00	75.75 1.19 0.00	64.40 0.95 0.00	89.44 1.29 0.00	67.98 1.02 0.00	81.58 1.29 0.00	121.34 1.73 0.00	144.81 1.64 0.00	71.38 0.95 0.00	76.47 1.58 0.00	77.66 1.29 0.00	56.63 1.04 0.00	39.78 1.00 0.00
GILBOA___4 23759	35.15 0.76 0.00	33.52 1.05 0.00	36.54 1.36 0.00	37.30 1.33 0.00	38.14 1.36 0.00	37.11 1.37 0.00	38.41 1.10 0.00	40.21 1.00 -0.20	51.60 1.20 0.00	59.05 1.19 0.00	57.44 0.99 0.00	89.91 1.43 0.00	75.75 1.19 0.00	64.40 0.95 0.00	89.44 1.29 0.00	67.98 1.02 0.00	81.58 1.29 0.00	121.34 1.73 0.00	144.81 1.64 0.00	71.38 0.95 0.00	76.47 1.58 0.00	77.66 1.29 0.00	56.63 1.04 0.00	39.78 1.00 0.00
GILBOA___ 23599	35.15 0.76 0.00	33.52 1.05 0.00	36.54 1.36 0.00	37.30 1.33 0.00	38.15 1.36 0.00	37.11 1.37 0.00	38.41 1.10 0.00	40.22 1.00 -0.20	51.60 1.20 0.00	59.04 1.19 0.00	57.44 0.98 0.00	89.90 1.43 0.00	75.75 1.19 0.00	64.40 0.95 0.00	89.44 1.29 0.00	67.98 1.02 0.00	81.58 1.29 0.00	121.34 1.73 0.00	144.81 1.64 0.00	71.39 0.96 0.00	76.47 1.58 0.00	77.67 1.29 0.00	56.62 1.04 0.00	39.78 1.00 0.00
GINNA___ 23603	33.87 -0.52 0.00	31.57 -0.90 0.00	34.15 -1.02 0.00	35.02 -0.94 0.00	35.86 -0.93 0.00	34.67 -1.08 0.00	36.28 -1.03 0.00	37.83 -1.18 0.00	49.16 -1.24 0.00	56.83 -1.03 0.00	55.41 -1.05 0.00	87.33 -1.14 0.00	73.56 -1.00 0.00	62.44 -1.01 0.00	86.81 -1.34 0.00	65.59 -1.37 0.00	77.86 -2.43 0.00	115.68 -3.94 0.00	138.62 -4.55 0.00	68.22 -2.20 0.00	72.63 -2.26 0.00	74.51 -1.86 0.00	54.12 -1.47 0.00	37.81 -0.98 0.00
GLEN PARK___ 23778	36.46 1.00 -1.07	33.72 0.65 -0.60	35.91 0.61 -0.13	36.59 0.58 -0.04	37.48 0.56 -0.13	36.37 0.59 -0.04	38.16 0.83 -0.02	39.74 0.72 0.00	52.44 0.72 -1.32	63.05 0.60 -4.59	60.96 0.75 -3.76	95.10 1.19 -5.44	81.41 0.59 -6.26	69.49 1.02 -5.02	94.67 1.26 -5.26	74.33 0.58 -6.79	89.31 1.73 -7.29	131.62 3.03 -8.99	157.20 3.47 -10.56	81.45 3.08 -7.95	85.27 3.40 -6.98	85.16 4.15 -4.64	60.65 3.01 -2.06	41.46 1.79 -0.89
GLENDALE_27_KV_LOAD 356172	35.86 1.47 0.00	34.18 1.71 0.00	37.01 1.83 0.00	37.82 1.86 0.00	38.71 1.92 0.00	37.72 1.98 0.00	39.61 2.29 0.00	42.96 2.53 -1.41	53.53 3.14 0.00	61.33 3.47 0.00	59.44 2.99 0.00	92.74 4.27 0.00	78.50 3.94 0.00	67.11 3.66 0.00	93.74 5.60 0.00	71.22 4.26 0.00	85.69 5.40 0.00	127.39 7.77 0.00	151.24 8.07 0.00	74.06 3.64 0.00	79.09 4.21 0.00	80.27 3.89 0.00	57.67 2.60 0.51	40.70 1.92 0.00

GLENWOOD_IC_1_G5 23712	36.05 1.66 0.00	34.30 1.82 0.00	37.28 2.10 0.00	38.07 2.11 0.00	38.98 2.20 0.00	37.96 2.22 0.00	39.76 2.45 0.00	42.97 2.56 -1.40	53.46 3.06 0.00	61.08 3.23 0.00	59.49 3.04 0.00	92.70 4.22 0.00	78.59 4.04 0.00	67.34 3.90 0.00	94.08 5.93 0.00	71.48 4.52 0.00	86.10 5.81 0.00	127.75 8.13 0.00	151.51 8.34 0.00	74.20 3.77 0.00	79.17 4.28 0.00	81.17 3.81 -0.99	58.42 2.83 0.00	42.81 2.33 -1.70
GLENWOOD_IC_2_G1 23688	36.03 1.64 0.00	34.27 1.79 0.00	37.06 1.88 0.00	37.86 1.89 0.00	38.77 1.98 0.00	37.73 1.99 0.00	39.53 2.21 0.00	42.75 2.34 -1.40	53.28 2.89 0.00	60.93 3.07 0.00	59.28 2.83 0.00	92.36 3.88 0.00	78.26 3.70 0.00	66.99 3.54 0.00	93.52 5.38 0.00	71.08 4.12 0.00	85.62 5.32 0.00	127.35 7.74 0.00	151.14 7.97 0.00	74.05 3.63 0.00	79.03 4.14 0.00	80.17 3.79 0.00	58.29 2.70 0.00	42.64 2.16 -1.70
GLENWOOD_IC_3_G1 23689	36.03 1.64 0.00	34.27 1.79 0.00	37.06 1.88 0.00	37.86 1.89 0.00	38.77 1.98 0.00	37.73 1.99 0.00	39.53 2.21 0.00	42.75 2.34 -1.40	53.28 2.89 0.00	60.93 3.07 0.00	59.28 2.83 0.00	92.36 3.88 0.00	78.26 3.70 0.00	66.99 3.54 0.00	93.52 5.38 0.00	71.08 4.12 0.00	85.62 5.32 0.00	127.35 7.74 0.00	151.14 7.97 0.00	74.05 3.63 0.00	79.03 4.14 0.00	80.17 3.79 0.00	58.29 2.70 0.00	42.64 2.16 -1.70
GLENWOOD___4 23550	36.14 1.76 0.00	34.37 1.90 0.00	37.28 2.10 0.00	38.07 2.11 0.00	38.98 2.20 0.00	37.96 2.22 0.00	39.76 2.45 0.00	42.98 2.56 -1.40	53.53 3.13 0.00	61.15 3.29 0.00	59.56 3.10 0.00	92.79 4.32 0.00	78.68 4.12 0.00	67.41 3.96 0.00	94.16 6.02 0.00	71.56 4.60 0.00	86.23 5.94 0.00	128.04 8.43 0.00	151.82 8.66 0.00	74.36 3.94 0.00	79.33 4.45 0.00	81.36 4.00 -0.99	58.52 2.93 0.00	42.86 2.37 -1.70
GLENWOOD___5 23614	36.14 1.76 0.00	34.37 1.90 0.00	37.28 2.10 0.00	38.07 2.11 0.00	38.98 2.20 0.00	37.96 2.22 0.00	39.76 2.45 0.00	42.98 2.56 -1.40	53.53 3.13 0.00	61.15 3.29 0.00	59.56 3.10 0.00	92.79 4.32 0.00	78.68 4.12 0.00	67.41 3.96 0.00	94.16 6.02 0.00	71.56 4.60 0.00	86.23 5.94 0.00	128.04 8.43 0.00	151.82 8.66 0.00	74.36 3.94 0.00	79.33 4.45 0.00	81.36 4.00 -0.99	58.52 2.93 0.00	42.86 2.37 -1.70
GLOBAL GREEN_PORT_GT1 23814	38.68 4.29 0.00	36.57 4.09 0.00	39.28 4.10 0.00	39.99 4.03 0.00	41.08 4.29 0.00	39.96 4.23 0.00	41.90 4.58 0.00	45.16 4.75 -1.40	56.53 6.13 0.00	64.43 6.57 0.00	62.93 6.48 0.00	97.83 9.36 0.00	83.29 8.62 -0.12	71.41 7.96 0.00	162.84 12.27 -62.42	203.77 8.84 -127.97	89.88 9.58 -0.01	196.86 14.38 -62.86	230.67 15.08 -72.43	156.61 7.65 -78.54	214.26 10.02 -129.35	82.46 9.03 2.94	62.82 6.89 -0.34	46.08 5.60 -1.70
GLOBE___DSASP 323697	35.29 0.90 0.00	32.48 0.00 0.00	35.03 -0.14 0.00	36.19 0.23 0.00	37.14 0.35 0.00	35.62 -0.12 0.00	37.28 -0.04 0.00	38.47 -0.54 0.00	49.72 -0.68 0.00	57.41 -0.45 0.00	55.54 -0.91 0.00	87.52 -0.95 0.00	73.07 -1.49 0.00	61.52 -1.93 0.00	85.31 -2.83 0.00	64.07 -2.89 0.00	74.97 -5.32 0.00	111.45 -8.16 0.00	134.48 -8.69 0.00	66.51 -3.92 0.00	71.27 -3.62 0.00	74.13 -2.25 0.00	54.40 -1.19 0.00	38.48 -0.31 0.00
GOETHSLN___LBMP 323567	33.81 1.02 1.60	31.54 1.30 2.24	33.04 1.34 3.48	32.78 1.36 4.54	31.32 1.44 6.91	25.58 1.46 11.62	25.00 1.69 14.01	29.34 1.90 11.57	36.97 2.36 15.80	42.45 2.66 18.06	51.29 2.33 7.49	85.47 3.23 6.24	77.58 3.08 0.05	66.22 2.96 0.18	92.67 4.52 0.00	69.54 3.47 0.89	82.26 4.46 2.48	119.46 6.34 6.50	147.99 6.43 1.61	73.25 2.83 0.00	78.23 3.34 0.00	79.38 3.00 0.00	57.57 1.98 0.00	40.28 1.49 0.00
GOLAH___69_KV_TB 1_2 80279	36.10 1.72 0.00	33.51 1.04 0.00	36.33 1.15 0.00	37.24 1.27 0.00	38.19 1.40 0.00	36.87 1.13 0.00	38.40 1.09 0.00	39.97 0.95 0.00	51.92 1.52 0.00	60.08 2.23 0.00	58.38 1.93 0.00	92.00 3.53 0.00	77.16 2.60 0.00	65.44 2.00 0.00	90.96 2.82 0.00	68.58 1.61 0.00	81.25 0.95 0.00	120.69 1.07 0.00	144.91 1.74 0.00	71.45 1.02 0.00	76.16 1.27 0.00	78.40 2.02 0.00	56.88 1.30 0.00	39.93 1.14 0.00
GOODYEAR_LAKE_HYD 323669	36.22 1.65 -0.19	34.07 1.49 -0.10	36.87 1.67 -0.02	37.67 1.69 -0.01	38.58 1.76 -0.02	37.44 1.69 -0.01	39.14 1.82 0.00	40.88 1.87 0.00	53.11 2.48 -0.23	61.57 2.92 -0.80	59.98 2.88 -0.65	94.16 4.74 -0.94	79.69 4.05 -1.09	67.62 3.30 -0.87	93.72 4.66 -0.91	71.66 3.52 -1.18	85.69 4.13 -1.27	127.07 5.90 -1.56	152.13 7.12 -1.84	75.31 3.51 -1.38	80.02 3.93 -1.21	81.21 4.02 -0.81	58.83 2.79 -0.45	40.91 1.92 -0.20
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	35.50 0.65 -0.46	33.27 0.54 -0.26	35.87 0.64 -0.06	36.64 0.65 -0.02	37.55 0.70 -0.06	36.42 0.66 -0.02	38.04 0.72 -0.01	39.72 0.70 0.00	51.93 0.96 -0.57	61.02 1.19 -1.97	59.10 1.03 -1.62	92.73 1.91 -2.33	78.72 1.48 -2.69	66.82 1.22 -2.16	92.27 1.87 -2.26	71.09 1.21 -2.91	84.56 1.14 -3.13	125.15 1.68 -3.86	149.37 1.67 -4.54	74.72 0.89 -3.41	78.95 1.07 -3.00	79.80 1.42 -2.01	57.64 0.94 -1.11	40.02 0.74 -0.49
GOUDEY___7 23579	35.53 0.68 -0.46	33.30 0.57 -0.26	35.91 0.68 -0.06	36.67 0.69 -0.02	37.58 0.73 -0.06	36.45 0.70 -0.02	38.08 0.76 -0.01	39.76 0.75 0.00	51.98 1.02 -0.57	61.09 1.26 -1.97	59.17 1.11 -1.62	92.87 2.06 -2.33	78.83 1.58 -2.69	66.91 1.31 -2.16	92.42 2.02 -2.26	71.19 1.32 -2.91	84.68 1.26 -3.13	125.35 1.87 -3.86	149.61 1.90 -4.54	74.83 1.00 -3.41	79.06 1.18 -3.00	79.93 1.55 -2.01	57.71 1.01 -1.11	40.06 0.78 -0.49
GOUDEY___8 23580	35.50 0.65 -0.46	33.27 0.54 -0.26	35.87 0.64 -0.06	36.64 0.65 -0.02	37.55 0.70 -0.06	36.42 0.66 -0.02	38.04 0.72 -0.01	39.72 0.70 0.00	51.93 0.96 -0.57	61.02 1.19 -1.97	59.10 1.03 -1.62	92.73 1.91 -2.33	78.72 1.48 -2.69	66.82 1.22 -2.16	92.27 1.87 -2.26	71.09 1.21 -2.91	84.56 1.14 -3.13	125.15 1.68 -3.86	149.37 1.67 -4.54	74.72 0.89 -3.41	78.95 1.07 -3.00	79.80 1.42 -2.01	57.64 0.94 -1.11	40.02 0.74 -0.49
GOWANUS_GT1_1 24077	35.79 1.41 0.00	34.11 1.63 0.00	36.90 1.73 0.00	37.69 1.73 0.00	38.58 1.79 0.00	37.54 1.80 0.00	39.43 2.12 0.00	42.80 2.38 -1.41	53.40 3.00 0.00	61.20 3.34 0.00	59.20 2.75 0.00	92.47 4.00 0.00	78.32 3.77 0.00	66.88 3.43 0.00	93.49 5.35 0.00	70.96 4.00 0.00	85.38 5.09 0.00	126.89 7.28 0.00	150.56 7.39 0.00	73.90 3.48 0.00	79.02 4.13 -0.01	80.20 3.81 -0.02	59.35 2.57 -1.19	40.70 1.91 -0.01
GOWANUS_GT1_2 24078	35.79 1.41 0.00	34.11 1.63 0.00	36.90 1.73 0.00	37.69 1.73 0.00	38.58 1.79 0.00	37.54 1.80 0.00	39.43 2.12 0.00	42.80 2.38 -1.41	53.40 3.00 0.00	61.20 3.34 0.00	59.20 2.75 0.00	92.47 4.00 0.00	78.32 3.77 0.00	66.88 3.43 0.00	93.49 5.35 0.00	70.96 4.00 0.00	85.38 5.09 0.00	126.89 7.28 0.00	150.56 7.39 0.00	73.90 3.48 0.00	79.02 4.13 -0.01	80.20 3.81 -0.02	59.35 2.57 -1.19	40.70 1.91 -0.01

GOWANUS_GT1_3 24079	35.79 1.41 0.00	34.11 1.63 0.00	36.90 1.73 0.00	37.69 1.73 0.00	38.58 1.79 0.00	37.54 1.80 0.00	39.43 2.12 0.00	42.80 2.38 -1.41	53.40 3.00 0.00	61.20 3.34 0.00	59.20 2.75 0.00	92.47 4.00 0.00	78.32 3.77 0.00	66.88 3.43 0.00	93.49 5.35 0.00	70.96 4.00 0.00	85.38 5.09 0.00	126.89 7.28 0.00	150.56 7.39 0.00	73.90 3.48 0.00	79.02 4.13 -0.01	80.20 3.81 -0.02	59.35 2.57 -1.19	40.70 1.91 -0.01
GOWANUS_GT1_4 24080	35.79 1.41 0.00	34.11 1.63 0.00	36.90 1.73 0.00	37.69 1.73 0.00	38.58 1.79 0.00	37.54 1.80 0.00	39.43 2.12 0.00	42.80 2.38 -1.41	53.40 3.00 0.00	61.20 3.34 0.00	59.20 2.75 0.00	92.47 4.00 0.00	78.32 3.77 0.00	66.88 3.43 0.00	93.49 5.35 0.00	70.96 4.00 0.00	85.38 5.09 0.00	126.89 7.28 0.00	150.56 7.39 0.00	73.90 3.48 0.00	79.02 4.13 -0.01	80.20 3.81 -0.02	59.35 2.57 -1.19	40.70 1.91 -0.01
GOWANUS_GT1_5 24084	35.79 1.41 0.00	34.11 1.63 0.00	36.90 1.73 0.00	37.69 1.73 0.00	38.58 1.79 0.00	37.54 1.80 0.00	39.43 2.12 0.00	42.80 2.38 -1.41	53.40 3.00 0.00	61.20 3.34 0.00	59.20 2.75 0.00	92.47 4.00 0.00	78.32 3.77 0.00	66.88 3.43 0.00	93.49 5.35 0.00	70.96 4.00 0.00	85.38 5.09 0.00	126.89 7.28 0.00	150.56 7.39 0.00	73.90 3.48 0.00	79.02 4.13 -0.01	80.20 3.81 -0.02	59.35 2.57 -1.19	40.70 1.91 -0.01
GOWANUS_GT1_6 24111	35.79 1.41 0.00	34.11 1.63 0.00	36.90 1.73 0.00	37.69 1.73 0.00	38.58 1.79 0.00	37.54 1.80 0.00	39.43 2.12 0.00	42.80 2.38 -1.41	53.40 3.00 0.00	61.20 3.34 0.00	59.20 2.75 0.00	92.47 4.00 0.00	78.32 3.77 0.00	66.88 3.43 0.00	93.49 5.35 0.00	70.96 4.00 0.00	85.38 5.09 0.00	126.89 7.28 0.00	150.56 7.39 0.00	73.90 3.48 0.00	79.02 4.13 -0.01	80.20 3.81 -0.02	59.35 2.57 -1.19	40.70 1.91 -0.01
GOWANUS_GT1_7 24112	35.79 1.41 0.00	34.11 1.63 0.00	36.90 1.73 0.00	37.69 1.73 0.00	38.58 1.79 0.00	37.54 1.80 0.00	39.43 2.12 0.00	42.80 2.38 -1.41	53.40 3.00 0.00	61.20 3.34 0.00	59.20 2.75 0.00	92.47 4.00 0.00	78.32 3.77 0.00	66.88 3.43 0.00	93.49 5.35 0.00	70.96 4.00 0.00	85.38 5.09 0.00	126.89 7.28 0.00	150.56 7.39 0.00	73.90 3.48 0.00	79.02 4.13 -0.01	80.20 3.81 -0.02	59.35 2.57 -1.19	40.70 1.91 -0.01
GOWANUS_GT1_8 24113	35.79 1.41 0.00	34.11 1.63 0.00	36.90 1.73 0.00	37.69 1.73 0.00	38.58 1.79 0.00	37.54 1.80 0.00	39.43 2.12 0.00	42.80 2.38 -1.41	53.40 3.00 0.00	61.20 3.34 0.00	59.20 2.75 0.00	92.47 4.00 0.00	78.32 3.77 0.00	66.88 3.43 0.00	93.49 5.35 0.00	70.96 4.00 0.00	85.38 5.09 0.00	126.89 7.28 0.00	150.56 7.39 0.00	73.90 3.48 0.00	79.02 4.13 -0.01	80.20 3.81 -0.02	59.35 2.57 -1.19	40.70 1.91 -0.01
GOWANUS_GT2_1 24114	35.79 1.41 0.00	34.10 1.63 0.00	36.91 1.73 0.00	37.69 1.73 0.00	38.58 1.79 0.00	37.54 1.80 0.00	39.43 2.11 0.00	42.81 2.38 -1.41	53.40 3.00 0.00	61.20 3.34 0.00	59.20 2.75 0.00	92.49 4.01 0.00	78.32 3.76 0.00	66.87 3.42 0.00	93.50 5.35 0.00	70.96 4.00 0.00	85.38 5.09 0.00	126.88 7.27 0.00	150.56 7.39 0.00	73.90 3.48 0.00	79.01 4.12 -0.01	80.20 3.81 -0.02	59.33 2.56 -1.19	40.70 1.91 -0.01
GOWANUS_GT2_2 24115	35.79 1.41 0.00	34.10 1.63 0.00	36.91 1.73 0.00	37.69 1.73 0.00	38.58 1.79 0.00	37.54 1.80 0.00	39.43 2.11 0.00	42.81 2.38 -1.41	53.40 3.00 0.00	61.20 3.34 0.00	59.20 2.75 0.00	92.49 4.01 0.00	78.32 3.76 0.00	66.87 3.42 0.00	93.50 5.35 0.00	70.96 4.00 0.00	85.38 5.09 0.00	126.88 7.27 0.00	150.56 7.39 0.00	73.90 3.48 0.00	79.01 4.12 -0.01	80.20 3.81 -0.02	59.33 2.56 -1.19	40.70 1.91 -0.01
GOWANUS_GT2_3 24116	35.79 1.41 0.00	34.10 1.63 0.00	36.91 1.73 0.00	37.69 1.73 0.00	38.58 1.79 0.00	37.54 1.80 0.00	39.43 2.11 0.00	42.81 2.38 -1.41	53.40 3.00 0.00	61.20 3.34 0.00	59.20 2.75 0.00	92.49 4.01 0.00	78.32 3.76 0.00	66.87 3.42 0.00	93.50 5.35 0.00	70.96 4.00 0.00	85.38 5.09 0.00	126.88 7.27 0.00	150.56 7.39 0.00	73.90 3.48 0.00	79.01 4.12 -0.01	80.20 3.81 -0.02	59.33 2.56 -1.19	40.70 1.91 -0.01
GOWANUS_GT2_4 24117	35.79 1.41 0.00	34.10 1.63 0.00	36.91 1.73 0.00	37.69 1.73 0.00	38.58 1.79 0.00	37.54 1.80 0.00	39.43 2.11 0.00	42.81 2.38 -1.41	53.40 3.00 0.00	61.20 3.34 0.00	59.20 2.75 0.00	92.49 4.01 0.00	78.32 3.76 0.00	66.87 3.42 0.00	93.50 5.35 0.00	70.96 4.00 0.00	85.38 5.09 0.00	126.88 7.27 0.00	150.56 7.39 0.00	73.90 3.48 0.00	79.01 4.12 -0.01	80.20 3.81 -0.02	59.33 2.56 -1.19	40.70 1.91 -0.01
GOWANUS_GT2_5 24118	35.79 1.41 0.00	34.10 1.63 0.00	36.91 1.73 0.00	37.69 1.73 0.00	38.58 1.79 0.00	37.54 1.80 0.00	39.43 2.11 0.00	42.81 2.38 -1.41	53.40 3.00 0.00	61.20 3.34 0.00	59.20 2.75 0.00	92.49 4.01 0.00	78.32 3.76 0.00	66.87 3.42 0.00	93.50 5.35 0.00	70.96 4.00 0.00	85.38 5.09 0.00	126.88 7.27 0.00	150.56 7.39 0.00	73.90 3.48 0.00	79.01 4.12 -0.01	80.20 3.81 -0.02	59.33 2.56 -1.19	40.70 1.91 -0.01
GOWANUS_GT2_6 24119	35.79 1.41 0.00	34.10 1.63 0.00	36.91 1.73 0.00	37.69 1.73 0.00	38.58 1.79 0.00	37.54 1.80 0.00	39.43 2.11 0.00	42.81 2.38 -1.41	53.40 3.00 0.00	61.20 3.34 0.00	59.20 2.75 0.00	92.49 4.01 0.00	78.32 3.76 0.00	66.87 3.42 0.00	93.50 5.35 0.00	70.96 4.00 0.00	85.38 5.09 0.00	126.88 7.27 0.00	150.56 7.39 0.00	73.90 3.48 0.00	79.01 4.12 -0.01	80.20 3.81 -0.02	59.33 2.56 -1.19	40.70 1.91 -0.01
GOWANUS_GT2_7 24120	35.79 1.41 0.00	34.10 1.63 0.00	36.91 1.73 0.00	37.69 1.73 0.00	38.58 1.79 0.00	37.54 1.80 0.00	39.43 2.11 0.00	42.81 2.38 -1.41	53.40 3.00 0.00	61.20 3.34 0.00	59.20 2.75 0.00	92.49 4.01 0.00	78.32 3.76 0.00	66.87 3.42 0.00	93.50 5.35 0.00	70.96 4.00 0.00	85.38 5.09 0.00	126.88 7.27 0.00	150.56 7.39 0.00	73.90 3.48 0.00	79.01 4.12 -0.01	80.20 3.81 -0.02	59.33 2.56 -1.19	40.70 1.91 -0.01
GOWANUS_GT2_8 24121	35.79 1.41 0.00	34.10 1.63 0.00	36.91 1.73 0.00	37.69 1.73 0.00	38.58 1.79 0.00	37.54 1.80 0.00	39.43 2.11 0.00	42.81 2.38 -1.41	53.40 3.00 0.00	61.20 3.34 0.00	59.20 2.75 0.00	92.49 4.01 0.00	78.32 3.76 0.00	66.87 3.42 0.00	93.50 5.35 0.00	70.96 4.00 0.00	85.38 5.09 0.00	126.88 7.27 0.00	150.56 7.39 0.00	73.90 3.48 0.00	79.01 4.12 -0.01	80.20 3.81 -0.02	59.33 2.56 -1.19	40.70 1.91 -0.01
GOWANUS_GT3_1 24122	35.79 1.41 0.00	34.10 1.63 0.00	36.91 1.73 0.00	37.69 1.73 0.00	38.58 1.79 0.00	37.54 1.80 0.00	39.43 2.11 0.00	42.81 2.38 -1.41	53.40 3.00 0.00	61.20 3.34 0.00	59.20 2.75 0.00	92.49 4.01 0.00	78.32 3.76 0.00	66.87 3.42 0.00	93.50 5.35 0.00	70.96 4.00 0.00	85.38 5.09 0.00	126.88 7.27 0.00	150.56 7.39 0.00	73.90 3.48 0.00	79.01 4.12 -0.01	80.20 3.81 -0.02	59.33 2.56 -1.19	40.70 1.91 -0.01

GREENBSH_115KV_TB3 55895	34.89 0.50 0.00	33.21 0.74 0.00	35.99 0.82 0.00	36.71 0.74 0.00	37.51 0.72 0.00	36.57 0.82 0.00	37.98 0.66 0.00	40.00 0.67 -0.32	51.11 0.71 0.00	58.53 0.67 0.00	56.86 0.41 0.00	88.48 0.00 0.00	74.64 0.09 0.00	63.81 0.36 0.00	88.54 0.39 0.00	67.45 0.49 0.00	80.93 0.64 0.00	120.66 1.04 0.00	144.06 0.89 0.00	70.97 0.55 0.00	75.81 0.93 0.00	76.95 0.57 0.00	56.11 0.52 0.00	39.45 0.67 0.00
GREENDGE_115KV_TB5 80291	35.77 1.01 -0.37	33.32 0.64 -0.21	35.87 0.65 -0.05	36.72 0.74 -0.02	37.68 0.84 -0.05	36.51 0.76 -0.01	38.23 0.91 -0.01	39.95 0.93 0.00	52.24 1.38 -0.46	61.16 1.69 -1.61	59.32 1.55 -1.31	93.25 2.88 -1.90	79.00 2.25 -2.19	67.14 1.95 -1.75	92.85 2.86 -1.84	71.05 1.72 -2.37	84.39 1.55 -2.55	125.12 2.37 -3.14	149.86 3.01 -3.69	74.75 1.55 -2.78	79.00 1.67 -2.44	80.15 2.14 -1.63	57.88 1.39 -0.91	40.22 1.04 -0.40
GREENIDGE___3 23582	35.77 1.01 -0.37	33.32 0.64 -0.21	35.87 0.65 -0.05	36.72 0.74 -0.02	37.68 0.84 -0.05	36.51 0.76 -0.01	38.23 0.91 -0.01	39.95 0.93 0.00	52.24 1.38 -0.46	61.16 1.69 -1.61	59.32 1.55 -1.31	93.25 2.88 -1.90	79.00 2.25 -2.19	67.14 1.95 -1.75	92.85 2.86 -1.84	71.05 1.72 -2.37	84.39 1.55 -2.55	125.12 2.37 -3.14	149.86 3.01 -3.69	74.75 1.55 -2.78	79.00 1.67 -2.44	80.15 2.14 -1.63	57.88 1.39 -0.91	40.22 1.04 -0.40
GREENIDGE___4 23583	35.77 1.01 -0.37	33.32 0.64 -0.21	35.87 0.65 -0.05	36.72 0.74 -0.02	37.68 0.84 -0.05	36.51 0.76 -0.01	38.24 0.91 -0.01	39.95 0.93 0.00	52.25 1.39 -0.46	61.16 1.69 -1.61	59.32 1.55 -1.31	93.24 2.86 -1.90	78.99 2.25 -2.19	67.14 1.95 -1.75	92.84 2.86 -1.84	71.05 1.72 -2.37	84.38 1.54 -2.55	125.14 2.39 -3.14	149.86 3.00 -3.69	74.75 1.55 -2.78	79.00 1.68 -2.44	80.15 2.14 -1.63	57.88 1.39 -0.91	40.22 1.04 -0.40
GREENLWN_69_KV_BK 3 55738	36.52 2.13 0.00	34.68 2.21 0.00	37.43 2.25 0.00	38.24 2.27 0.00	39.19 2.40 0.00	38.14 2.40 0.00	39.94 2.62 0.00	43.06 2.64 -1.40	53.64 3.24 0.00	60.51 2.66 0.00	58.60 2.15 0.00	90.85 2.38 0.00	77.21 2.72 0.06	66.43 2.98 0.00	77.25 4.94 15.84	38.40 3.68 32.25	85.29 5.00 0.00	94.70 7.44 32.34	111.78 7.07 38.45	44.07 3.16 29.51	49.96 3.65 28.58	76.61 3.00 2.77	57.88 2.48 0.19	43.15 2.67 -1.70
GREENWD_138_KV_38B11_REV_LBMP_J 345004	35.79 1.41 0.00	34.11 1.63 0.00	36.90 1.73 0.00	37.69 1.73 0.00	38.58 1.79 0.00	37.54 1.80 0.00	39.43 2.12 0.00	42.80 2.38 -1.41	53.40 3.00 0.00	61.20 3.34 0.00	59.20 2.75 0.00	92.47 4.00 0.00	78.32 3.77 0.00	66.88 3.43 0.00	93.49 5.35 0.00	70.96 4.00 0.00	85.38 5.09 0.00	126.89 7.28 0.00	150.56 7.39 0.00	73.90 3.48 0.00	79.02 4.13 -0.01	80.20 3.81 -0.02	59.35 2.57 -1.19	40.69 1.90 -0.01
GRISSOM___SOLAR 323813	38.09 3.70 0.00	35.94 3.47 0.00	38.78 3.60 0.00	39.60 3.63 0.00	40.61 3.82 0.00	39.57 3.83 0.00	41.16 3.84 0.00	43.38 4.11 -0.25	55.19 4.80 0.00	63.03 5.17 0.00	61.47 5.02 0.00	96.96 8.48 0.00	81.96 7.40 0.00	69.66 6.21 0.00	99.69 11.55 0.00	76.07 9.11 0.00	89.97 9.68 0.00	132.92 13.31 0.00	159.03 15.86 0.00	78.49 8.07 0.00	83.99 9.10 0.00	85.58 9.21 0.00	61.97 6.38 0.00	43.01 4.22 0.00
GROVEVILLE___HYD 323602	36.18 1.79 0.00	34.38 1.90 0.00	37.18 2.01 0.00	37.94 1.97 0.00	38.79 2.00 0.00	37.77 2.03 0.00	39.51 2.19 0.00	41.64 2.41 -0.21	53.49 3.09 0.00	61.52 3.66 0.00	59.96 3.51 0.00	93.67 5.20 0.00	79.27 4.71 0.00	67.80 4.36 0.00	94.48 6.33 0.00	71.85 4.89 0.00	86.30 6.01 0.00	128.33 8.72 0.00	152.87 9.70 0.00	74.92 4.49 0.00	79.84 4.95 0.00	81.01 4.64 0.00	58.82 3.23 0.00	41.13 2.34 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	35.69 0.07 -1.22	33.11 -0.04 -0.68	35.26 -0.07 -0.15	35.96 -0.05 -0.05	36.88 -0.06 -0.15	35.74 -0.04 -0.04	37.34 0.00 -0.02	38.94 -0.08 0.00	51.86 -0.05 -1.51	63.05 -0.05 -5.25	60.70 -0.05 -4.30	94.91 0.22 -6.21	81.91 0.20 -7.15	69.42 0.24 -5.73	94.60 0.44 -6.01	74.97 0.26 -7.76	88.80 0.17 -8.33	130.08 0.20 -10.27	155.39 0.15 -12.08	79.54 0.04 -9.08	82.90 0.03 -7.98	81.91 0.19 -5.34	58.66 0.12 -2.95	40.19 0.09 -1.32
HAMLTNNY_34_KV_TB 80303	35.90 0.25 -1.26	33.27 0.10 -0.70	35.42 0.09 -0.16	36.15 0.13 -0.05	37.06 0.12 -0.16	35.87 0.08 -0.05	37.53 0.19 -0.03	39.13 0.11 0.00	52.24 0.28 -1.56	63.69 0.43 -5.41	61.27 0.39 -4.43	95.86 0.98 -6.40	82.79 0.87 -7.37	70.25 0.89 -5.91	95.68 1.34 -6.20	75.86 0.91 -7.99	89.78 0.90 -8.58	131.63 1.43 -10.59	157.29 1.68 -12.44	80.54 0.76 -9.36	83.93 0.81 -8.23	82.84 0.96 -5.51	59.22 0.60 -3.04	40.53 0.39 -1.35
HAMPSHIRE___PAPER_HYD 323593	35.10 0.25 -0.46	32.75 0.03 -0.25	35.24 0.01 -0.06	36.00 0.02 -0.02	36.74 -0.10 -0.06	35.53 -0.23 -0.02	37.29 -0.04 -0.01	38.90 -0.12 0.00	50.72 -0.24 -0.56	59.39 -0.41 -1.95	57.81 -0.23 -1.60	90.45 -0.34 -2.31	76.41 -0.80 -2.66	64.92 -0.66 -2.13	89.25 -1.13 -2.23	68.86 -0.98 -2.88	82.89 -0.50 -3.09	122.95 -0.47 -3.81	147.11 -0.54 -4.49	74.25 0.46 -3.37	78.09 0.24 -2.96	79.02 0.68 -1.97	57.41 0.95 -0.88	39.67 0.51 -0.38
HARDSCRABBLE_WT_PWR 323673	34.28 -0.11 0.00	32.69 0.22 0.00	35.36 0.19 0.00	36.03 0.06 0.00	36.78 -0.01 0.00	35.93 0.19 0.00	37.33 0.01 0.00	39.05 0.04 0.00	50.32 -0.08 0.00	57.68 -0.17 0.00	56.39 -0.06 0.00	88.35 -0.13 0.00	74.56 0.00 0.00	63.96 0.52 0.00	88.92 0.77 0.00	67.62 0.66 0.00	80.52 0.23 0.00	119.60 -0.01 0.00	143.28 0.11 0.00	70.67 0.24 0.00	75.59 0.70 0.00	76.92 0.55 0.00	55.77 0.18 0.00	38.94 0.15 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	35.79 1.40 0.00	33.98 1.51 0.00	36.71 1.54 0.00	37.48 1.51 0.00	38.35 1.56 0.00	37.32 1.58 0.00	39.06 1.74 0.00	39.51 1.89 1.40	52.83 2.43 0.00	60.83 2.97 0.00	59.39 2.93 0.00	92.86 4.38 0.00	78.58 4.02 0.00	67.17 3.73 0.00	93.71 5.57 0.00	71.21 4.25 0.00	85.63 5.34 0.00	127.23 7.62 0.00	151.35 8.18 0.00	74.12 3.70 0.00	78.95 4.07 0.00	80.16 3.79 0.00	58.18 2.59 0.00	40.65 1.86 0.00
HARSNRAD_115KV_TB1 81005	35.56 1.17 0.00	32.94 0.47 0.00	35.78 0.61 0.00	36.84 0.87 0.00	37.76 0.97 0.00	36.21 0.47 0.00	37.89 0.58 0.00	38.97 -0.05 0.00	50.50 0.10 0.00	58.43 0.58 0.00	56.64 0.18 0.00	89.16 0.68 0.00	74.45 -0.10 0.00	62.82 -0.62 0.00	87.15 -1.00 0.00	65.44 -1.52 0.00	76.70 -3.59 0.00	113.87 -5.74 0.00	137.19 -5.97 0.00	67.80 -2.62 0.00	72.64 -2.25 0.00	75.45 -0.93 0.00	55.23 -0.35 0.00	38.92 0.14 0.00
HARZA MOOSE___RIVER 24016	35.57 0.83 -0.35	33.32 0.65 -0.19	35.87 0.65 -0.04	36.63 0.64 -0.01	37.47 0.64 -0.04	36.41 0.66 -0.01	38.10 0.78 -0.01	39.82 0.81 0.00	51.85 1.02 -0.43	60.46 1.11 -1.49	59.00 1.32 -1.22	92.42 2.18 -1.76	78.27 1.68 -2.03	66.69 1.62 -1.63	92.04 2.19 -1.70	70.64 1.48 -2.20	84.85 2.19 -2.36	125.69 3.16 -2.91	150.07 3.48 -3.42	75.45 2.46 -2.57	79.68 2.54 -2.26	80.72 2.84 -1.50	58.29 2.01 -0.69	40.32 1.24 -0.30

HDSNBRDG_115KV_BRDG_TB1 355580	34.91 -0.14 -0.66	32.59 -0.24 -0.36	34.98 -0.28 -0.08	35.72 -0.28 -0.03	36.60 -0.27 -0.08	35.50 -0.27 -0.02	37.07 -0.26 -0.01	38.73 -0.28 0.00	50.95 -0.26 -0.81	60.50 -0.16 -2.81	58.62 -0.13 -2.30	91.90 0.10 -3.32	78.50 0.12 -3.82	66.67 0.15 -3.07	91.65 0.29 -3.22	71.22 0.11 -4.15	84.74 -0.01 -4.45	125.03 -0.07 -5.49	149.42 -0.21 -6.46	75.16 -0.12 -4.86	79.07 -0.08 -4.27	79.24 0.01 -2.85	57.01 -0.13 -1.55	39.37 -0.10 -0.69
HELLGATE_13_KV_LD 55870	35.66 1.28 0.00	34.00 1.53 0.00	36.82 1.64 0.00	37.62 1.66 0.00	38.50 1.72 0.00	37.52 1.78 0.00	39.39 2.08 0.00	42.71 2.28 -1.41	53.17 2.77 0.00	60.91 3.06 0.00	59.00 2.55 0.00	92.07 3.59 0.00	77.93 3.37 0.00	66.63 3.18 0.00	93.08 4.94 0.00	70.72 3.76 0.00	85.09 4.80 0.00	126.50 6.88 0.00	150.18 7.01 0.00	73.57 3.15 0.00	78.54 3.66 0.00	79.72 3.35 0.00	57.46 2.22 0.33	40.45 1.67 0.00
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	35.66 1.28 0.00	34.00 1.53 0.00	36.82 1.64 0.00	37.62 1.66 0.00	38.50 1.72 0.00	37.52 1.78 0.00	39.39 2.08 0.00	42.71 2.28 -1.41	53.17 2.77 0.00	60.91 3.06 0.00	59.00 2.55 0.00	92.07 3.59 0.00	77.93 3.37 0.00	66.63 3.18 0.00	93.08 4.94 0.00	70.72 3.76 0.00	85.09 4.80 0.00	126.50 6.88 0.00	150.18 7.01 0.00	73.57 3.15 0.00	78.54 3.66 0.00	79.72 3.35 0.00	57.46 2.22 0.33	40.45 1.67 0.00
HEMPSTEAD____ 23647	36.23 1.84 0.00	34.43 1.96 0.00	37.23 2.05 0.00	38.05 2.08 0.00	38.98 2.19 0.00	37.94 2.20 0.00	39.73 2.42 0.00	42.87 2.46 -1.40	53.40 3.00 0.00	60.80 2.94 0.00	59.13 2.68 0.00	91.94 3.47 0.00	78.04 3.48 0.00	66.90 3.45 0.00	93.49 5.34 0.00	71.04 4.07 0.00	85.68 5.39 0.00	127.50 7.89 0.00	151.12 7.95 0.00	74.03 3.60 0.00	79.10 4.22 0.00	81.16 3.74 -1.05	58.45 2.87 0.00	42.92 2.44 -1.70
HEWLETT__69_KV_BK3 55828	36.78 2.39 0.00	34.89 2.42 0.00	37.63 2.46 0.00	38.42 2.46 0.00	39.39 2.60 0.00	38.34 2.60 0.00	40.11 2.79 0.00	43.29 2.87 -1.40	53.94 3.54 0.00	61.04 3.19 0.00	59.37 2.92 0.00	92.36 3.88 0.00	78.43 3.87 0.00	67.25 3.80 0.00	94.05 5.91 0.00	71.51 4.55 0.00	86.36 6.07 0.00	128.60 8.99 0.00	152.40 9.23 0.00	74.63 4.21 0.00	79.74 4.85 0.00	93.29 4.50 -12.42	58.98 3.39 0.00	43.21 2.73 -1.70
HICKLING___1 23621	36.11 1.36 -0.37	33.67 0.99 -0.21	36.36 1.14 -0.05	37.21 1.23 -0.02	38.17 1.33 -0.05	36.97 1.22 -0.01	38.77 1.44 -0.01	40.96 1.94 0.00	53.49 2.60 -0.49	62.19 2.70 -1.64	59.78 2.03 -1.30	94.09 3.73 -1.88	79.50 2.78 -2.17	67.50 2.31 -1.74	93.45 3.49 -1.82	71.50 2.19 -2.35	84.80 1.99 -2.52	125.85 3.13 -3.11	150.34 3.52 -3.66	75.00 1.83 -2.75	79.31 2.01 -2.42	80.76 2.78 -1.62	58.40 1.91 -0.90	40.65 1.47 -0.40
HICKLING___2 23622	36.11 1.36 -0.37	33.67 0.99 -0.21	36.36 1.14 -0.05	37.21 1.23 -0.02	38.17 1.33 -0.05	36.97 1.22 -0.01	38.77 1.44 -0.01	40.96 1.94 0.00	53.49 2.60 -0.49	62.19 2.70 -1.64	59.78 2.03 -1.30	94.09 3.73 -1.88	79.50 2.78 -2.17	67.50 2.31 -1.74	93.45 3.49 -1.82	71.50 2.19 -2.35	84.80 1.99 -2.52	125.85 3.13 -3.11	150.34 3.52 -3.66	75.00 1.83 -2.75	79.31 2.01 -2.42	80.76 2.78 -1.62	58.40 1.91 -0.90	40.65 1.47 -0.40
HIGH FALLS___HY 23754	35.82 1.44 0.00	33.99 1.52 0.00	36.73 1.55 0.00	37.48 1.51 0.00	38.33 1.54 0.00	37.31 1.56 0.00	39.04 1.73 0.00	40.82 1.80 0.00	52.79 2.39 0.00	60.69 2.83 0.00	59.41 2.95 0.00	93.27 4.79 0.00	78.96 4.41 0.00	50.32 3.73 16.85	83.03 5.98 11.10	71.32 4.36 0.00	86.06 5.77 0.00	127.49 7.88 0.00	151.91 8.75 0.00	74.51 4.09 0.00	79.50 4.61 0.00	81.10 4.73 0.00	58.71 3.12 0.00	40.86 2.08 0.00
HILLBURN___GT 23639	35.51 1.13 0.00	33.76 1.29 0.00	36.46 1.29 0.00	37.23 1.27 0.00	38.11 1.32 0.00	37.11 1.37 0.00	38.83 1.52 0.00	39.04 1.66 1.64	52.47 2.07 0.00	60.40 2.54 0.00	58.96 2.51 0.00	92.05 3.57 0.00	77.86 3.30 0.00	66.54 3.10 0.00	92.81 4.66 0.00	70.57 3.62 0.00	84.89 4.60 0.00	125.80 6.19 0.00	149.52 6.36 0.00	73.22 2.79 0.00	78.05 3.17 0.00	79.30 2.93 0.00	57.60 2.02 0.00	40.31 1.53 0.00
HILLSIDE_115KV_TB1 80332	35.26 0.49 -0.38	32.98 0.30 -0.21	35.63 0.40 -0.05	36.40 0.42 -0.02	37.33 0.49 -0.05	36.18 0.42 -0.01	37.87 0.55 -0.01	39.58 0.56 0.00	51.74 0.86 -0.48	60.58 1.07 -1.66	58.54 0.73 -1.35	92.13 1.70 -1.95	77.85 1.05 -2.25	66.12 0.87 -1.80	91.59 1.56 -1.89	70.13 0.73 -2.44	83.15 0.24 -2.62	123.27 0.43 -3.23	146.94 -0.02 -3.79	73.35 0.07 -2.85	77.55 0.15 -2.51	78.94 0.89 -1.68	57.06 0.54 -0.93	39.71 0.52 -0.41
HISHELDN_WT_PWR 323625	35.85 1.46 0.00	33.21 0.74 0.00	35.98 0.81 0.00	37.05 1.09 0.00	38.03 1.24 0.00	36.59 0.85 0.00	38.26 0.95 0.00	39.65 0.64 0.00	51.50 1.10 0.00	59.53 1.68 0.00	57.70 1.25 0.00	90.84 2.36 0.00	75.93 1.37 0.00	64.20 0.76 0.00	89.26 1.12 0.00	67.16 0.20 0.00	79.15 -1.15 0.00	117.61 -2.01 0.00	141.22 -1.95 0.00	69.63 -0.79 0.00	74.59 -0.29 0.00	77.24 0.87 0.00	56.44 0.86 0.00	39.66 0.87 0.00
HOLTSVILLE_IC_1 23690	36.80 2.42 0.00	34.94 2.47 0.00	37.65 2.47 0.00	38.42 2.45 0.00	39.42 2.63 0.00	38.35 2.61 0.00	40.16 2.85 0.00	43.24 2.83 -1.40	53.82 3.43 0.00	61.02 3.17 0.00	59.25 2.80 0.00	91.43 2.96 0.00	77.99 3.33 -0.10	66.85 3.40 0.00	154.69 5.55 -60.99	196.16 4.12 -125.07	85.75 5.45 -0.01	186.79 8.26 -58.92	218.95 8.08 -67.71	149.47 3.78 -75.27	206.45 4.53 -127.03	77.25 3.84 2.96	59.24 3.34 -0.31	43.67 3.18 -1.70
HOLTSVILLE_IC_10 23699	37.14 2.75 0.00	35.22 2.75 0.00	37.93 2.76 0.00	38.68 2.72 0.00	39.69 2.90 0.00	38.60 2.87 0.00	40.44 3.12 0.00	43.57 3.15 -1.40	54.32 3.92 0.00	61.63 3.78 0.00	59.78 3.33 0.00	92.28 3.80 0.00	78.81 4.10 -0.16	67.55 4.10 0.00	160.92 6.55 -66.23	207.54 4.90 -135.68	86.65 6.35 -0.01	203.77 9.72 -74.44	239.32 9.83 -86.32	162.92 4.64 -87.86	215.53 5.39 -135.24	78.14 4.66 2.89	59.96 3.92 -0.45	44.07 3.58 -1.70
HOLTSVILLE_IC_2 23691	36.80 2.42 0.00	34.94 2.47 0.00	37.65 2.47 0.00	38.42 2.45 0.00	39.42 2.63 0.00	38.35 2.61 0.00	40.16 2.85 0.00	43.24 2.83 -1.40	53.82 3.43 0.00	61.02 3.17 0.00	59.25 2.80 0.00	91.43 2.96 0.00	77.99 3.33 -0.10	66.85 3.40 0.00	154.69 5.55 -60.99	196.16 4.12 -125.07	85.75 5.45 -0.01	186.79 8.26 -58.92	218.95 8.08 -67.71	149.47 3.78 -75.27	206.45 4.53 -127.03	77.25 3.84 2.96	59.24 3.34 -0.31	43.67 3.18 -1.70
HOLTSVILLE_IC_3 23692	36.80 2.42 0.00	34.94 2.47 0.00	37.65 2.47 0.00	38.42 2.45 0.00	39.42 2.63 0.00	38.35 2.61 0.00	40.16 2.85 0.00	43.24 2.83 -1.40	53.82 3.43 0.00	61.02 3.17 0.00	59.25 2.80 0.00	91.43 2.96 0.00	77.99 3.33 -0.10	66.85 3.40 0.00	154.69 5.55 -60.99	196.16 4.12 -125.07	85.75 5.45 -0.01	186.79 8.26 -58.92	218.95 8.08 -67.71	149.47 3.78 -75.27	206.45 4.53 -127.03	77.25 3.84 2.96	59.24 3.34 -0.31	43.67 3.18 -1.70

HOLTSVILLE_IC_4 23693	36.80 2.42 0.00	34.94 2.47 0.00	37.65 2.47 0.00	38.42 2.45 0.00	39.42 2.63 0.00	38.35 2.61 0.00	40.16 2.85 0.00	43.24 2.83 -1.40	53.82 3.43 0.00	61.02 3.17 0.00	59.25 2.80 0.00	91.43 2.96 0.00	77.99 3.33 -0.10	66.85 3.40 0.00	154.69 5.55 -60.99	196.16 4.12 -125.07	85.75 5.45 -0.01	186.79 8.26 -58.92	218.95 8.08 -67.71	149.47 3.78 -75.27	206.45 4.53 -127.03	77.25 3.84 2.96	59.24 3.34 -0.31	43.67 3.18 -1.70
HOLTSVILLE_IC_5 23694	36.80 2.42 0.00	34.94 2.47 0.00	37.65 2.47 0.00	38.42 2.45 0.00	39.42 2.63 0.00	38.35 2.61 0.00	40.16 2.85 0.00	43.24 2.83 -1.40	53.82 3.43 0.00	61.02 3.17 0.00	59.25 2.80 0.00	91.43 2.96 0.00	77.99 3.33 -0.10	66.85 3.40 0.00	154.69 5.55 -60.99	196.16 4.12 -125.07	85.75 5.45 -0.01	186.79 8.26 -58.92	218.95 8.08 -67.71	149.47 3.78 -75.27	206.45 4.53 -127.03	77.25 3.84 2.96	59.24 3.34 -0.31	43.67 3.18 -1.70
HOLTSVILLE_IC_6 23695	37.14 2.75 0.00	35.22 2.75 0.00	37.93 2.76 0.00	38.68 2.72 0.00	39.69 2.90 0.00	38.60 2.87 0.00	40.44 3.12 0.00	43.57 3.15 -1.40	54.32 3.92 0.00	61.63 3.78 0.00	59.78 3.33 0.00	92.28 3.80 0.00	78.81 4.10 -0.16	67.55 4.10 0.00	160.92 6.55 -66.23	207.54 4.90 -135.68	86.65 6.35 -0.01	203.77 9.72 -74.44	239.32 9.83 -86.32	162.92 4.64 -87.86	215.53 5.39 -135.24	78.14 4.66 2.89	59.96 3.92 -0.45	44.07 3.58 -1.70
HOLTSVILLE_IC_7 23696	37.14 2.75 0.00	35.22 2.75 0.00	37.93 2.76 0.00	38.68 2.72 0.00	39.69 2.90 0.00	38.60 2.87 0.00	40.44 3.12 0.00	43.57 3.15 -1.40	54.32 3.92 0.00	61.63 3.78 0.00	59.78 3.33 0.00	92.28 3.80 0.00	78.81 4.10 -0.16	67.55 4.10 0.00	160.92 6.55 -66.23	207.54 4.90 -135.68	86.65 6.35 -0.01	203.77 9.72 -74.44	239.32 9.83 -86.32	162.92 4.64 -87.86	215.53 5.39 -135.24	78.14 4.66 2.89	59.96 3.92 -0.45	44.07 3.58 -1.70
HOLTSVILLE_IC_8 23697	37.14 2.75 0.00	35.22 2.75 0.00	37.93 2.76 0.00	38.68 2.72 0.00	39.69 2.90 0.00	38.60 2.87 0.00	40.44 3.12 0.00	43.57 3.15 -1.40	54.32 3.92 0.00	61.63 3.78 0.00	59.78 3.33 0.00	92.28 3.80 0.00	78.81 4.10 -0.16	67.55 4.10 0.00	160.92 6.55 -66.23	207.54 4.90 -135.68	86.65 6.35 -0.01	203.77 9.72 -74.44	239.32 9.83 -86.32	162.92 4.64 -87.86	215.53 5.39 -135.24	78.14 4.66 2.89	59.96 3.92 -0.45	44.07 3.58 -1.70
HOLTSVILLE_IC_9 23698	37.14 2.75 0.00	35.22 2.75 0.00	37.93 2.76 0.00	38.68 2.72 0.00	39.69 2.90 0.00	38.60 2.87 0.00	40.44 3.12 0.00	43.57 3.15 -1.40	54.32 3.92 0.00	61.63 3.78 0.00	59.78 3.33 0.00	92.28 3.80 0.00	78.81 4.10 -0.16	67.55 4.10 0.00	160.92 6.55 -66.23	207.54 4.90 -135.68	86.65 6.35 -0.01	203.77 9.72 -74.44	239.32 9.83 -86.32	162.92 4.64 -87.86	215.53 5.39 -135.24	78.14 4.66 2.89	59.96 3.92 -0.45	44.07 3.58 -1.70
HOMER_HL_115KV_TB2 355744	35.59 1.20 0.00	33.25 0.77 0.00	36.16 0.99 0.00	37.14 1.17 0.00	38.07 1.29 0.00	36.69 0.95 0.00	38.44 1.12 0.00	39.83 0.82 0.00	51.54 1.14 0.00	59.56 1.70 0.00	57.31 0.86 0.00	89.58 1.10 0.00	74.89 0.33 0.00	63.30 -0.15 0.00	88.19 0.04 0.00	66.29 -0.67 0.00	78.33 -1.97 0.00	116.44 -3.17 0.00	139.36 -3.81 0.00	68.69 -1.73 0.00	73.55 -1.34 0.00	76.30 -0.07 0.00	55.85 0.26 0.00	39.19 0.40 0.00
HOWARD_WT_PWR 323690	36.32 1.67 -0.27	33.70 1.08 -0.15	36.37 1.16 -0.03	37.37 1.39 -0.01	38.43 1.61 -0.03	37.17 1.42 -0.01	38.88 1.56 0.00	40.47 1.46 0.00	52.74 2.02 -0.33	61.49 2.50 -1.14	59.52 2.13 -0.93	93.37 3.55 -1.34	78.54 2.43 -1.55	66.54 1.85 -1.24	92.22 2.77 -1.30	70.28 1.64 -1.68	83.36 1.26 -1.81	123.38 1.54 -2.22	148.04 2.26 -2.61	73.72 1.33 -1.97	78.30 1.69 -1.73	79.73 2.20 -1.16	58.24 2.01 -0.64	40.74 1.67 -0.29
HQ_GEN_CEDARS 23644	34.39 0.01 0.00	32.31 -0.17 0.00	34.96 -0.22 0.00	35.80 -0.16 0.00	36.59 -0.20 0.00	35.45 -0.29 0.00	37.12 -0.19 0.00	38.83 -0.18 0.00	50.14 -0.27 0.00	57.47 -0.38 0.00	56.42 -0.04 0.00	88.48 0.00 0.00	74.22 -0.34 0.00	62.85 -0.59 0.00	87.18 -0.97 0.00	66.26 -0.70 0.00	79.65 -0.65 0.00	118.63 -0.98 0.00	142.66 -0.51 0.00	70.14 -0.28 0.00	74.18 -0.71 0.00	75.89 -0.48 0.00	55.57 -0.01 0.00	38.67 -0.12 0.00
HQ_GEN_CEDARS_PROXY 323590	34.40 0.01 0.00	32.31 -0.16 0.00	34.96 -0.21 0.00	35.80 -0.16 0.00	36.59 -0.19 0.00	35.45 -0.29 0.00	37.12 -0.19 0.00	38.83 -0.18 0.00	50.14 -0.27 0.00	57.47 -0.38 0.00	57.80 -0.04 -1.38	88.48 0.00 0.00	74.22 -0.33 0.00	62.85 -0.60 0.00	87.18 -0.97 0.00	66.26 -0.70 0.00	79.64 -0.65 0.00	118.63 -0.98 0.00	142.66 -0.51 0.00	70.14 -0.28 0.00	74.17 -0.71 0.00	75.89 -0.48 0.00	60.86 -0.01 -5.29	38.50 -0.12 0.17
HQ_GEN_IMPORT 323601	34.15 -0.19 0.05	32.20 -0.27 0.00	34.86 -0.31 0.00	35.67 -0.29 0.00	36.51 -0.28 0.00	35.42 -0.32 0.00	37.05 -0.26 0.00	38.78 -0.23 0.00	50.10 -0.31 0.00	57.45 -0.40 0.00	56.24 -0.22 0.00	88.19 -0.29 0.00	74.19 -0.37 0.00	62.95 -0.49 0.00	85.92 -0.75 1.47	66.42 -0.54 0.00	79.70 -0.59 0.00	118.77 -0.84 0.00	142.49 -0.67 0.00	70.05 -0.37 0.00	74.23 -0.66 0.00	75.82 -0.55 0.00	55.27 -0.32 0.00	35.00 -0.34 3.45
HQ_GEN_WHEEL 23651	34.15 -0.19 0.05	32.20 -0.27 0.00	34.86 -0.31 0.00	35.67 -0.29 0.00	36.51 -0.28 0.00	35.42 -0.32 0.00	37.05 -0.26 0.00	38.78 -0.23 0.00	50.10 -0.31 0.00	57.45 -0.40 0.00	56.24 -0.22 0.00	88.19 -0.29 0.00	74.19 -0.37 0.00	62.95 -0.49 0.00	85.92 -0.75 1.47	66.42 -0.54 0.00	79.70 -0.59 0.00	118.77 -0.84 0.00	142.49 -0.67 0.00	70.05 -0.37 0.00	74.23 -0.66 0.00	75.82 -0.55 0.00	55.27 -0.32 0.00	35.00 -0.34 3.45
HUDSON_AVE_GT_3 23810	35.77 1.39 0.00	34.10 1.63 0.00	36.88 1.71 0.00	37.71 1.74 0.00	38.60 1.81 0.00	37.57 1.83 0.00	39.41 2.09 0.00	42.75 2.33 -1.41	53.32 2.92 0.00	61.16 3.30 0.00	59.38 2.92 0.00	92.63 4.15 0.00	78.39 3.84 0.00	67.05 3.61 0.00	93.54 5.39 0.00	71.13 4.17 0.00	85.58 5.29 0.00	127.25 7.64 0.00	151.10 7.93 0.00	73.97 3.55 0.00	78.91 4.03 0.00	80.10 3.72 0.00	58.10 2.52 0.00	40.66 1.88 0.00
HUDSON_AVE_GT_4 23540	35.77 1.39 0.00	34.10 1.63 0.00	36.88 1.71 0.00	37.71 1.74 0.00	38.60 1.81 0.00	37.57 1.83 0.00	39.41 2.09 0.00	42.75 2.33 -1.41	53.32 2.92 0.00	61.16 3.30 0.00	59.38 2.92 0.00	92.63 4.15 0.00	78.39 3.84 0.00	67.05 3.61 0.00	93.54 5.39 0.00	71.13 4.17 0.00	85.58 5.29 0.00	127.25 7.64 0.00	151.10 7.93 0.00	73.97 3.55 0.00	78.91 4.03 0.00	80.10 3.72 0.00	58.10 2.52 0.00	40.66 1.88 0.00
HUDSON_AVE_GT_5 23657	35.77 1.39 0.00	34.10 1.63 0.00	36.88 1.71 0.00	37.71 1.74 0.00	38.60 1.81 0.00	37.57 1.83 0.00	39.41 2.09 0.00	42.75 2.33 -1.41	53.32 2.92 0.00	61.16 3.30 0.00	59.38 2.92 0.00	92.63 4.15 0.00	78.39 3.84 0.00	67.05 3.61 0.00	93.54 5.39 0.00	71.13 4.17 0.00	85.58 5.29 0.00	127.25 7.64 0.00	151.10 7.93 0.00	73.97 3.55 0.00	78.91 4.03 0.00	80.10 3.72 0.00	58.10 2.52 0.00	40.66 1.88 0.00

HUDSON_AVE_10 24168	35.59 1.21 0.00	33.95 1.48 0.00	36.69 1.52 0.00	37.51 1.54 0.00	38.39 1.60 0.00	37.38 1.64 0.00	39.20 1.89 0.00	42.54 2.11 -1.41	53.04 2.65 0.00	60.83 2.98 0.00	59.01 2.56 0.00	92.13 3.65 0.00	77.96 3.40 0.00	66.67 3.22 0.00	93.00 4.85 0.00	70.71 3.75 0.00	85.10 4.81 0.00	126.55 6.94 0.00	150.36 7.20 0.00	73.59 3.17 0.00	78.50 3.61 0.00	79.70 3.33 0.00	57.82 2.23 0.00	40.47 2.68 0.00
HUDSON___115KV_TB 4 355613	35.75 1.36 0.00	33.94 1.47 0.00	36.79 1.62 0.00	37.51 1.54 0.00	38.32 1.53 0.00	37.36 1.62 0.00	38.81 1.49 0.00	40.87 1.59 -0.27	52.25 1.85 0.00	59.71 1.86 0.00	57.99 1.54 0.00	90.14 1.67 0.00	76.00 1.44 0.00	11.48 1.43 53.40	55.01 2.03 35.16	68.79 1.82 0.00	82.46 2.16 0.00	123.35 3.74 0.00	147.55 4.39 0.00	72.82 2.40 0.00	77.84 2.96 0.00	78.97 2.60 0.00	57.48 1.89 0.00	40.41 1.62 0.00
HUNTER MOUNT___DRP 323613	36.11 1.73 0.00	34.29 1.82 0.00	37.18 2.00 0.00	37.89 1.93 0.00	38.70 1.91 0.00	37.74 2.00 0.00	39.20 1.88 0.00	41.23 1.99 -0.22	52.76 2.36 0.00	60.21 2.35 0.00	58.34 1.88 0.00	90.57 2.10 0.00	76.31 1.75 0.00	-12.00 1.64 77.09	39.79 2.41 50.77	69.24 2.28 0.00	82.89 2.59 0.00	124.18 4.57 0.00	148.75 5.58 0.00	73.53 3.11 0.00	78.60 3.71 0.00	79.68 3.31 0.00	57.97 2.38 0.00	40.81 2.03 0.00
HUNTINGTON_RES_REC 323705	36.89 2.50 0.00	34.98 2.51 0.00	37.71 2.54 0.00	38.49 2.52 0.00	39.46 2.67 0.00	38.38 2.65 0.00	40.21 2.90 0.00	43.36 2.95 -1.40	54.04 3.64 0.00	61.12 3.27 0.00	59.19 2.73 0.00	91.60 3.13 0.00	78.03 3.54 0.06	67.13 3.68 0.00	259.90 5.92 -165.84	410.09 4.42 -338.72	86.18 5.87 -0.02	388.44 8.85 -259.97	458.18 8.76 -306.26	337.45 3.99 -263.03	399.01 4.56 -319.57	77.33 3.84 2.88	58.62 3.22 0.19	43.66 3.18 -1.70
HUNTLEY___63 23557	35.89 1.51 0.00	33.14 0.66 0.00	35.88 0.71 0.00	36.97 1.00 0.00	37.90 1.11 0.00	36.38 0.64 0.00	38.08 0.77 0.00	39.34 0.33 0.00	51.03 0.63 0.00	59.06 1.21 0.00	57.31 0.86 0.00	90.38 1.90 0.00	75.51 0.95 0.00	63.73 0.28 0.00	88.49 0.35 0.00	66.46 -0.51 0.00	77.87 -2.42 0.00	115.60 -4.01 0.00	139.15 -4.02 0.00	68.65 -1.77 0.00	73.49 -1.40 0.00	76.31 -0.06 0.00	55.85 0.27 0.00	39.35 0.57 0.00
HUNTLEY___64 23558	35.89 1.51 0.00	33.14 0.66 0.00	35.88 0.71 0.00	36.97 1.00 0.00	37.90 1.11 0.00	36.38 0.64 0.00	38.08 0.77 0.00	39.34 0.33 0.00	51.03 0.63 0.00	59.06 1.21 0.00	57.31 0.86 0.00	90.38 1.90 0.00	75.51 0.95 0.00	63.73 0.28 0.00	88.49 0.35 0.00	66.46 -0.51 0.00	77.87 -2.42 0.00	115.60 -4.01 0.00	139.15 -4.02 0.00	68.65 -1.77 0.00	73.49 -1.40 0.00	76.31 -0.06 0.00	55.85 0.27 0.00	39.35 0.57 0.00
HUNTLEY___65 23559	35.89 1.51 0.00	33.14 0.66 0.00	35.88 0.71 0.00	36.97 1.00 0.00	37.90 1.11 0.00	36.38 0.64 0.00	38.08 0.77 0.00	39.34 0.33 0.00	51.03 0.63 0.00	59.06 1.21 0.00	57.31 0.86 0.00	90.38 1.90 0.00	75.51 0.95 0.00	63.73 0.28 0.00	88.49 0.35 0.00	66.46 -0.51 0.00	77.87 -2.42 0.00	115.60 -4.01 0.00	139.15 -4.02 0.00	68.65 -1.77 0.00	73.49 -1.40 0.00	76.31 -0.06 0.00	55.85 0.27 0.00	39.35 0.57 0.00
HUNTLEY___66 23560	35.89 1.51 0.00	33.14 0.66 0.00	35.88 0.71 0.00	36.97 1.00 0.00	37.90 1.11 0.00	36.38 0.64 0.00	38.08 0.77 0.00	39.34 0.33 0.00	51.03 0.63 0.00	59.06 1.21 0.00	57.31 0.86 0.00	90.38 1.90 0.00	75.51 0.95 0.00	63.73 0.28 0.00	88.49 0.35 0.00	66.46 -0.51 0.00	77.87 -2.42 0.00	115.60 -4.01 0.00	139.15 -4.02 0.00	68.65 -1.77 0.00	73.49 -1.40 0.00	76.31 -0.06 0.00	55.85 0.27 0.00	39.35 0.57 0.00
HUNTLEY___67 23561	35.76 1.38 0.00	33.07 0.60 0.00	35.89 0.71 0.00	36.93 0.97 0.00	37.86 1.07 0.00	36.32 0.58 0.00	38.01 0.70 0.00	39.34 0.32 0.00	51.10 0.70 0.00	59.10 1.24 0.00	57.28 0.83 0.00	90.30 1.82 0.00	75.46 0.91 0.00	63.68 0.23 0.00	88.41 0.26 0.00	66.45 -0.52 0.00	77.95 -2.34 0.00	115.74 -3.87 0.00	139.41 -3.76 0.00	68.83 -1.60 0.00	73.63 -1.26 0.00	76.40 0.03 0.00	55.86 0.27 0.00	39.30 0.51 0.00
HUNTLEY___68 23562	35.76 1.38 0.00	33.07 0.60 0.00	35.89 0.71 0.00	36.93 0.97 0.00	37.86 1.07 0.00	36.32 0.58 0.00	38.01 0.70 0.00	39.34 0.32 0.00	51.10 0.70 0.00	59.10 1.24 0.00	57.28 0.83 0.00	90.30 1.82 0.00	75.46 0.91 0.00	63.68 0.23 0.00	88.41 0.26 0.00	66.45 -0.52 0.00	77.95 -2.34 0.00	115.74 -3.87 0.00	139.41 -3.76 0.00	68.83 -1.60 0.00	73.63 -1.26 0.00	76.40 0.03 0.00	55.86 0.27 0.00	39.30 0.51 0.00
HYLAND___LFGE 323620	36.78 2.39 0.00	34.05 1.58 0.00	36.91 1.73 0.00	37.87 1.90 0.00	38.83 2.04 0.00	37.44 1.70 0.00	39.32 2.01 0.00	40.58 1.57 0.00	51.53 1.13 0.00	57.83 -0.03 0.00	53.36 -3.10 0.00	83.99 -4.48 0.00	69.91 -4.65 0.00	59.77 -3.68 0.00	83.02 -5.12 0.00	62.22 -4.74 0.00	74.05 -6.25 0.00	111.38 -8.23 0.00	134.03 -9.14 0.00	67.62 -2.80 0.00	72.95 -1.94 0.00	76.02 -0.35 0.00	56.04 0.46 0.00	40.99 2.21 0.00
INDECK___CORINTH 23802	36.18 1.80 0.00	34.36 1.89 0.00	37.19 2.01 0.00	37.91 1.95 0.00	38.68 1.89 0.00	37.76 2.02 0.00	39.29 1.97 0.00	41.51 2.19 -0.31	53.05 2.65 0.00	60.83 2.97 0.00	59.32 2.87 0.00	92.50 4.03 0.00	77.72 3.16 0.00	67.05 3.60 0.00	92.79 4.65 0.00	70.96 4.00 0.00	84.96 4.67 0.00	126.42 6.80 0.00	152.08 8.91 0.00	74.66 4.23 0.00	79.92 5.03 0.00	81.55 5.18 0.00	59.12 3.53 0.00	41.32 2.54 0.00
INDECK___ILION 23567	34.40 0.01 0.00	32.63 0.16 0.00	35.34 0.16 0.00	36.07 0.10 0.00	36.85 0.06 0.00	35.91 0.17 0.00	37.39 0.08 0.00	39.11 0.10 0.00	50.44 0.04 0.00	57.86 0.01 0.00	56.48 0.03 0.00	88.47 -0.01 0.00	74.62 0.06 0.00	63.79 0.34 0.00	88.69 0.55 0.00	67.40 0.44 0.00	80.63 0.33 0.00	120.04 0.43 0.00	143.57 0.40 0.00	70.74 0.31 0.00	75.47 0.58 0.00	76.86 0.49 0.00	55.82 0.23 0.00	38.96 0.18 0.00
INDECK___OLEAN 23982	35.59 1.21 0.00	33.25 0.77 0.00	36.16 0.99 0.00	37.14 1.17 0.00	38.08 1.29 0.00	36.69 0.95 0.00	38.44 1.12 0.00	39.83 0.82 0.00	51.55 1.15 0.00	59.55 1.70 0.00	57.31 0.85 0.00	89.57 1.10 0.00	74.90 0.34 0.00	63.29 -0.16 0.00	88.19 0.04 0.00	66.31 -0.66 0.00	78.32 -1.97 0.00	116.48 -3.13 0.00	139.36 -3.80 0.00	68.70 -1.72 0.00	73.55 -1.33 0.00	76.30 -0.07 0.00	55.86 0.27 0.00	39.19 0.41 0.00
INDECK___OSWEGO 23783	36.40 -0.88 -2.90	33.16 -0.92 -1.61	34.52 -1.01 -0.36	35.07 -1.01 -0.12	36.10 -1.05 -0.36	34.84 -1.01 -0.11	36.34 -1.04 -0.06	37.90 -1.11 0.00	52.58 -1.40 -3.58	68.73 -1.55 -12.43	65.08 -1.55 -10.18	100.95 -2.25 -14.72	89.66 -1.84 -16.94	75.55 -1.49 -13.59	100.34 -2.05 -14.24	83.69 -1.65 -18.38	98.01 -2.02 -19.73	141.02 -2.92 -24.33	168.22 -3.55 -28.60	90.25 -1.68 -21.51	92.04 -1.74 -18.90	87.35 -1.68 -12.66	61.33 -1.33 -7.07	41.03 -0.91 -3.16

INDECK___YERKES 23781	35.89 1.51 0.00	33.14 0.67 0.00	35.87 0.70 0.00	36.96 0.99 0.00	37.90 1.11 0.00	36.38 0.64 0.00	38.08 0.76 0.00	39.34 0.32 0.00	51.03 0.63 0.00	59.05 1.20 0.00	57.29 0.84 0.00	90.36 1.89 0.00	75.50 0.94 0.00	63.72 0.27 0.00	88.48 0.34 0.00	66.44 -0.52 0.00	77.87 -2.42 0.00	115.61 -4.00 0.00	139.13 -4.03 0.00	68.64 -1.78 0.00	73.51 -1.38 0.00	76.30 -0.07 0.00	55.86 0.28 0.00	39.34 0.56 0.00
INDIAN POINT_GT_1 24139	35.65 1.27 0.00	33.92 1.44 0.00	36.68 1.50 0.00	37.47 1.50 0.00	38.33 1.54 0.00	37.30 1.56 0.00	39.07 1.75 0.00	42.57 1.91 -1.64	52.78 2.38 0.00	60.63 2.77 0.00	58.92 2.47 0.00	91.89 3.41 0.00	77.73 3.17 0.00	66.47 3.02 0.00	92.68 4.53 0.00	70.51 3.55 0.00	84.83 4.54 0.00	126.20 6.59 0.00	150.10 6.93 0.00	73.52 3.10 0.00	78.41 3.53 0.00	79.61 3.24 0.00	57.84 2.25 0.00	40.50 1.71 0.00
INDIAN POINT_GT_2 23659	35.65 1.27 0.00	33.92 1.44 0.00	36.68 1.50 0.00	37.47 1.50 0.00	38.33 1.54 0.00	37.30 1.56 0.00	39.07 1.75 0.00	42.57 1.91 -1.64	52.78 2.38 0.00	60.63 2.77 0.00	58.92 2.47 0.00	91.89 3.41 0.00	77.73 3.17 0.00	66.47 3.02 0.00	92.68 4.53 0.00	70.51 3.55 0.00	84.83 4.54 0.00	126.20 6.59 0.00	150.10 6.93 0.00	73.52 3.10 0.00	78.41 3.53 0.00	79.61 3.24 0.00	57.84 2.25 0.00	40.50 1.71 0.00
INDIAN POINT_GT_3 24019	35.65 1.27 0.00	33.92 1.44 0.00	36.68 1.50 0.00	37.47 1.50 0.00	38.33 1.54 0.00	37.30 1.56 0.00	39.07 1.75 0.00	42.57 1.91 -1.64	52.78 2.38 0.00	60.63 2.77 0.00	58.92 2.47 0.00	91.89 3.41 0.00	77.73 3.17 0.00	66.47 3.02 0.00	92.68 4.53 0.00	70.51 3.55 0.00	84.83 4.54 0.00	126.20 6.59 0.00	150.10 6.93 0.00	73.52 3.10 0.00	78.41 3.53 0.00	79.61 3.24 0.00	57.84 2.25 0.00	40.50 1.71 0.00
INDIAN POINT___2 23530	35.59 1.20 0.00	33.85 1.38 0.00	36.61 1.43 0.00	37.39 1.43 0.00	38.25 1.47 0.00	37.22 1.48 0.00	38.98 1.67 0.00	43.02 1.83 -2.18	52.66 2.26 0.00	60.52 2.66 0.00	58.81 2.35 0.00	91.71 3.24 0.00	77.58 3.02 0.00	66.33 2.88 0.00	92.48 4.33 0.00	70.35 3.39 0.00	84.63 4.33 0.00	125.88 6.27 0.00	149.73 6.57 0.00	73.35 2.93 0.00	78.23 3.35 0.00	79.45 3.08 0.00	57.73 2.14 0.00	40.41 1.63 0.00
INDIAN POINT___3 23531	35.60 1.22 0.00	33.87 1.40 0.00	36.63 1.45 0.00	37.40 1.43 0.00	38.27 1.48 0.00	37.25 1.51 0.00	39.00 1.68 0.00	42.53 1.83 -1.68	52.68 2.28 0.00	60.51 2.65 0.00	58.81 2.36 0.00	91.70 3.22 0.00	77.56 3.00 0.00	66.33 2.88 0.00	92.47 4.32 0.00	70.33 3.37 0.00	84.62 4.33 0.00	125.88 6.26 0.00	149.72 6.56 0.00	73.35 2.92 0.00	78.24 3.35 0.00	79.44 3.06 0.00	57.73 2.14 0.00	40.42 1.64 0.00
INGHAM_C_115KV_TB7 356103	34.15 -0.23 0.00	32.63 0.16 0.00	35.32 0.14 0.00	35.96 -0.01 0.00	36.70 -0.09 0.00	35.88 0.14 0.00	37.24 -0.07 0.00	38.97 -0.05 0.00	50.13 -0.27 0.00	57.42 -0.43 0.00	56.09 -0.36 0.00	87.85 -0.62 0.00	74.13 -0.42 0.00	63.73 0.28 0.00	88.64 0.49 0.00	67.40 0.44 0.00	80.33 0.04 0.00	119.60 -0.02 0.00	142.92 -0.25 0.00	70.56 0.14 0.00	75.53 0.64 0.00	76.83 0.45 0.00	55.68 0.09 0.00	38.90 0.12 0.00
IP CORINTH___1 23988	36.39 2.00 0.00	34.56 2.09 0.00	37.40 2.22 0.00	38.12 2.16 0.00	38.89 2.11 0.00	37.98 2.23 0.00	39.51 2.19 0.00	41.74 2.42 -0.31	53.35 2.95 0.00	61.17 3.32 0.00	59.65 3.20 0.00	93.02 4.55 0.00	78.16 3.60 0.00	67.42 3.97 0.00	93.31 5.16 0.00	71.35 4.38 0.00	85.43 5.14 0.00	127.13 7.52 0.00	152.87 9.70 0.00	75.05 4.63 0.00	80.36 5.47 0.00	81.99 5.62 0.00	59.44 3.85 0.00	41.55 2.77 0.00
IP___TICONDEROGA 23804	38.17 3.78 0.00	36.31 3.84 0.00	39.30 4.12 0.00	40.08 4.12 0.00	40.76 3.96 0.00	40.07 4.33 0.00	41.80 4.49 0.00	44.30 4.97 -0.31	56.38 5.98 0.00	64.56 6.71 0.00	63.27 6.82 0.00	99.51 11.03 0.00	83.45 8.89 0.00	72.46 9.02 0.00	99.71 11.57 0.00	76.64 9.68 0.00	91.60 11.31 0.00	136.60 16.99 0.00	163.60 20.43 0.00	79.74 9.32 0.00	85.48 10.59 0.00	86.43 10.05 0.00	62.92 7.33 0.00	43.99 5.21 0.00
ISLIP_RES_REC 323679	37.44 3.05 0.00	35.47 3.00 0.00	38.19 3.01 0.00	38.91 2.94 0.00	39.92 3.13 0.00	38.82 3.09 0.00	40.67 3.35 0.00	43.86 3.45 -1.40	54.74 4.34 0.00	62.18 4.33 0.00	60.34 3.88 0.00	93.15 4.68 0.00	79.64 4.87 -0.22	68.22 4.78 0.00	155.94 7.52 -60.27	196.07 5.63 -123.48	87.52 7.22 -0.01	197.96 11.01 -67.34	232.60 11.37 -78.06	155.48 5.33 -79.72	204.14 6.08 -123.17	78.89 5.35 2.83	60.58 4.38 -0.62	44.36 3.87 -1.70
JAMAICA__27_KV_LOAD 355505	35.88 1.49 0.00	34.21 1.74 0.00	36.93 1.75 0.00	37.76 1.79 0.00	38.59 1.80 0.00	37.57 1.83 0.00	39.43 2.11 0.00	42.76 2.33 -1.41	53.36 2.96 0.00	61.20 3.34 0.00	59.27 2.81 0.00	92.60 4.12 0.00	78.38 3.82 0.00	67.01 3.56 0.00	93.47 5.33 0.00	71.10 4.14 0.00	85.56 5.26 0.00	127.28 7.67 0.00	151.34 8.18 0.00	74.07 3.64 0.00	79.01 4.12 0.00	80.31 3.94 0.00	58.34 2.75 0.00	40.79 2.01 0.00
JANIS___SOLAR 323808	36.99 2.03 -0.58	34.55 1.76 -0.32	37.08 1.83 -0.07	37.87 1.88 -0.02	38.82 1.96 -0.07	37.69 1.93 -0.02	39.42 2.09 -0.01	41.14 2.13 0.00	53.72 2.60 -0.72	63.06 2.71 -2.50	61.07 2.57 -2.04	95.65 4.23 -2.95	81.63 3.67 -3.40	69.46 3.28 -2.73	95.38 4.38 -2.86	73.78 3.13 -3.69	88.20 3.95 -3.96	131.41 6.91 -4.88	157.99 9.08 -5.74	79.66 4.91 -4.31	84.08 5.40 -3.79	84.66 5.75 -2.54	60.76 3.77 -1.40	41.87 2.46 -0.62
JARVIS____ 23743	34.39 0.01 0.00	32.52 0.04 0.00	35.24 0.06 0.00	36.00 0.04 0.00	36.82 0.04 0.00	35.80 0.06 0.00	37.35 0.04 0.00	39.05 0.04 0.00	50.44 0.04 0.00	57.89 0.04 0.00	56.45 0.00 0.00	88.48 0.00 0.00	74.60 0.05 0.00	63.55 0.10 0.00	88.29 0.14 0.00	67.05 0.09 0.00	80.38 0.09 0.00	119.73 0.12 0.00	143.30 0.13 0.00	70.52 0.10 0.00	75.04 0.15 0.00	76.51 0.14 0.00	55.65 0.06 0.00	38.84 0.05 0.00
JENNISON___1 23625	36.89 2.09 -0.41	34.60 1.90 -0.23	37.26 2.04 -0.05	38.04 2.06 -0.02	38.99 2.15 -0.05	37.86 2.10 -0.01	39.58 2.25 -0.01	41.41 2.39 0.00	54.07 3.16 -0.51	63.23 3.62 -1.76	61.55 3.66 -1.44	96.59 6.04 -2.08	82.00 5.05 -2.39	69.84 4.48 -1.92	96.37 6.21 -2.01	73.98 4.42 -2.60	88.30 5.22 -2.79	131.11 8.06 -3.44	157.04 9.84 -4.04	78.48 5.02 -3.04	83.01 5.45 -2.67	83.84 5.68 -1.79	60.39 3.82 -0.99	41.75 2.53 -0.44
JENNISON___2 23626	36.89 2.09 -0.41	34.60 1.90 -0.23	37.26 2.04 -0.05	38.04 2.06 -0.02	38.99 2.15 -0.05	37.86 2.10 -0.01	39.58 2.25 -0.01	41.41 2.39 0.00	54.07 3.16 -0.51	63.23 3.62 -1.76	61.55 3.66 -1.44	96.59 6.04 -2.08	82.00 5.05 -2.39	69.84 4.48 -1.92	96.37 6.21 -2.01	73.98 4.42 -2.60	88.30 5.22 -2.79	131.11 8.06 -3.44	157.04 9.84 -4.04	78.48 5.02 -3.04	83.01 5.45 -2.67	83.84 5.68 -1.79	60.39 3.82 -0.99	41.75 2.53 -0.44

JERICO_RISE_WT_PWR 323719	34.62 0.24 0.00	32.46 -0.01 0.00	35.04 -0.13 0.00	35.93 -0.04 0.00	36.74 -0.04 0.00	35.79 0.05 0.00	37.52 0.21 0.00	39.33 0.32 0.00	50.78 0.38 0.00	58.03 0.17 0.00	56.62 0.17 0.00	88.72 0.25 0.00	74.14 -0.42 0.00	62.63 -0.82 0.00	86.70 -1.44 0.00	65.99 -0.97 0.00	79.42 -0.87 0.00	118.29 -1.32 0.00	142.89 -0.28 0.00	69.92 -0.50 0.00	74.30 -0.59 0.00	76.28 -0.09 0.00	56.08 0.49 0.00	39.00 0.21 0.00
KATONAH__115KV_46KV_TB4 355592	35.97 1.59 0.00	34.22 1.75 0.00	37.00 1.83 0.00	37.77 1.80 0.00	38.64 1.85 0.00	37.62 1.89 0.00	39.40 2.09 0.00	42.19 2.28 -0.90	53.28 2.88 0.00	61.21 3.35 0.00	59.59 3.14 0.00	93.08 4.61 0.00	78.76 4.20 0.00	67.40 3.96 0.00	93.97 5.83 0.00	71.52 4.56 0.00	85.99 5.69 0.00	127.93 8.32 0.00	152.14 8.98 0.00	74.51 4.08 0.00	79.40 4.51 0.00	80.55 4.18 0.00	58.46 2.87 0.00	40.90 2.12 0.00
KCE_NY_1 323755	36.39 2.01 0.00	34.62 2.15 0.00	37.42 2.25 0.00	38.18 2.22 0.00	39.02 2.23 0.00	38.01 2.27 0.00	39.56 2.24 0.00	41.74 2.41 -0.31	53.36 2.97 0.00	61.07 3.21 0.00	59.57 3.11 0.00	92.98 4.51 0.00	78.44 3.88 0.00	67.33 3.88 0.00	93.39 5.24 0.00	71.20 4.23 0.00	85.49 5.20 0.00	127.09 7.48 0.00	152.25 9.08 0.00	74.94 4.52 0.00	80.05 5.16 0.00	81.36 4.99 0.00	59.10 3.51 0.00	41.38 2.60 0.00
KCE_NY_6_ESR 323823	36.19 1.80 0.00	33.49 1.02 0.00	36.32 1.15 0.00	37.35 1.39 0.00	38.30 1.52 0.00	36.78 1.04 0.00	38.50 1.19 0.00	39.89 0.88 0.00	51.89 1.49 0.00	60.08 2.23 0.00	58.32 1.87 0.00	91.99 3.51 0.00	76.91 2.35 0.00	64.99 1.54 0.00	90.29 2.15 0.00	67.86 0.90 0.00	79.69 -0.60 0.00	118.39 -1.22 0.00	142.18 -0.99 0.00	70.16 -0.26 0.00	75.03 0.15 0.00	77.80 1.43 0.00	56.83 1.24 0.00	39.93 1.14 0.00
KEDC_PORT_JEFF_GT2 24210	36.99 2.60 0.00	35.09 2.61 0.00	37.79 2.62 0.00	38.54 2.58 0.00	39.55 2.77 0.00	38.48 2.74 0.00	40.30 2.98 0.00	43.41 2.99 -1.40	54.12 3.73 0.00	61.40 3.54 0.00	59.33 2.87 0.00	91.38 2.90 0.00	78.34 3.67 -0.11	67.21 3.76 0.00	168.74 5.81 -74.79	224.29 4.18 -153.15	85.79 5.49 -0.01	216.04 8.31 -88.11	253.72 8.11 -102.45	175.77 3.77 -101.58	231.00 4.45 -151.66	77.14 3.68 2.92	59.37 3.45 -0.33	43.87 3.39 -1.70
KEDC_PORT_JEFF_GT3 24211	36.99 2.60 0.00	35.09 2.61 0.00	37.79 2.62 0.00	38.54 2.58 0.00	39.55 2.77 0.00	38.48 2.74 0.00	40.30 2.98 0.00	43.41 2.99 -1.40	54.12 3.73 0.00	61.40 3.54 0.00	59.33 2.87 0.00	91.38 2.90 0.00	78.34 3.67 -0.11	67.21 3.76 0.00	168.74 5.81 -74.79	224.29 4.18 -153.15	85.79 5.49 -0.01	216.04 8.31 -88.11	253.72 8.11 -102.45	175.77 3.77 -101.58	231.00 4.45 -151.66	77.14 3.68 2.92	59.37 3.45 -0.33	43.87 3.39 -1.70
KEDC_GLWD_GT4 24219	36.05 1.66 0.00	34.30 1.82 0.00	37.28 2.10 0.00	38.07 2.11 0.00	38.98 2.19 0.00	37.96 2.22 0.00	39.76 2.44 0.00	42.98 2.56 -1.40	53.46 3.06 0.00	61.08 3.22 0.00	59.49 3.04 0.00	92.69 4.22 0.00	78.59 4.03 0.00	67.34 3.89 0.00	94.07 5.93 0.00	71.49 4.52 0.00	86.11 5.81 0.00	127.75 8.13 0.00	151.51 8.34 0.00	74.19 3.77 0.00	79.17 4.28 0.00	81.16 3.80 -0.99	58.41 2.82 0.00	42.81 2.33 -1.70
KEDC_GLWD_GT5 24220	36.05 1.66 0.00	34.30 1.82 0.00	37.28 2.10 0.00	38.07 2.11 0.00	38.98 2.19 0.00	37.96 2.22 0.00	39.76 2.44 0.00	42.98 2.56 -1.40	53.46 3.06 0.00	61.08 3.22 0.00	59.49 3.04 0.00	92.69 4.22 0.00	78.59 4.03 0.00	67.34 3.89 0.00	94.07 5.93 0.00	71.49 4.52 0.00	86.11 5.81 0.00	127.75 8.13 0.00	151.51 8.34 0.00	74.19 3.77 0.00	79.17 4.28 0.00	81.16 3.80 -0.99	58.41 2.82 0.00	42.81 2.33 -1.70
KENSICO____ 23655	35.73 1.34 0.00	34.00 1.53 0.00	36.78 1.61 0.00	37.58 1.61 0.00	38.45 1.66 0.00	37.43 1.69 0.00	39.21 1.89 0.00	42.57 2.06 -1.50	52.96 2.56 0.00	60.81 2.95 0.00	59.08 2.63 0.00	92.16 3.68 0.00	77.95 3.40 0.00	66.68 3.23 0.00	92.97 4.82 0.00	70.71 3.75 0.00	85.07 4.78 0.00	126.56 6.95 0.00	150.45 7.28 0.00	73.70 3.27 0.00	78.61 3.72 0.00	79.79 3.42 0.00	57.96 2.37 0.00	40.59 1.81 0.00
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	35.90 1.51 0.00	34.06 1.58 0.00	36.78 1.60 0.00	37.53 1.56 0.00	38.38 1.59 0.00	37.35 1.61 0.00	39.08 1.77 0.00	40.68 1.85 0.19	52.88 2.48 0.00	60.75 2.89 0.00	59.43 2.97 0.00	93.23 4.76 0.00	78.81 4.26 0.00	55.80 3.55 11.19	86.41 5.64 7.37	71.13 4.16 0.00	85.69 5.40 0.00	127.24 7.63 0.00	151.74 8.58 0.00	74.47 4.04 0.00	79.46 4.57 0.00	81.16 4.79 0.00	58.77 3.18 0.00	40.95 2.17 0.00
KIAC_JFK_GT1 23816	35.75 1.36 0.00	34.10 1.63 0.00	36.82 1.64 0.00	37.63 1.67 0.00	38.47 1.68 0.00	37.44 1.70 0.00	39.30 1.98 0.00	42.62 2.19 -1.41	53.17 2.77 0.00	60.99 3.13 0.00	59.04 2.58 0.00	92.21 3.73 0.00	78.03 3.48 0.00	66.72 3.27 0.00	93.07 4.92 0.00	70.79 3.83 0.00	85.19 4.89 0.00	126.80 7.19 0.00	150.77 7.60 0.00	73.78 3.36 0.00	78.71 3.82 0.00	79.99 3.62 0.00	58.11 2.52 0.00	40.65 1.87 0.00
KIAC_JFK_GT2 23817	35.75 1.36 0.00	34.10 1.63 0.00	36.82 1.64 0.00	37.63 1.67 0.00	38.47 1.68 0.00	37.44 1.70 0.00	39.30 1.98 0.00	42.62 2.19 -1.41	53.17 2.77 0.00	60.99 3.13 0.00	59.04 2.58 0.00	92.21 3.73 0.00	78.03 3.48 0.00	66.72 3.27 0.00	93.07 4.92 0.00	70.79 3.83 0.00	85.19 4.89 0.00	126.80 7.19 0.00	150.77 7.60 0.00	73.78 3.36 0.00	78.71 3.82 0.00	79.99 3.62 0.00	58.11 2.52 0.00	40.65 1.87 0.00
KIAC_JFK____ 323774	35.75 1.36 0.00	34.09 1.62 0.00	36.82 1.64 0.00	37.64 1.67 0.00	38.47 1.68 0.00	37.44 1.70 0.00	39.30 1.98 0.00	42.62 2.19 -1.41	53.18 2.78 0.00	60.99 3.13 0.00	59.03 2.58 0.00	92.21 3.74 0.00	78.04 3.48 0.00	66.72 3.27 0.00	93.07 4.92 0.00	70.78 3.82 0.00	85.19 4.89 0.00	126.79 7.18 0.00	150.77 7.60 0.00	73.78 3.36 0.00	78.71 3.82 0.00	79.99 3.62 0.00	58.11 2.53 0.00	40.65 1.87 0.00
KINTIGH____ 23543	35.36 0.97 0.00	32.79 0.32 0.00	35.57 0.39 0.00	36.58 0.61 0.00	37.49 0.70 0.00	36.04 0.30 0.00	37.72 0.41 0.00	39.09 0.07 0.00	50.72 0.32 0.00	58.60 0.74 0.00	56.75 0.30 0.00	89.35 0.88 0.00	74.79 0.23 0.00	63.20 -0.25 0.00	87.73 -0.41 0.00	65.97 -1.00 0.00	77.65 -2.65 0.00	115.42 -4.19 0.00	138.88 -4.28 0.00	68.55 -1.87 0.00	73.33 -1.55 0.00	75.88 -0.49 0.00	55.41 -0.18 0.00	38.96 0.17 0.00
KNTFSRNC_46_KV_46KV_LOAD 80397	35.34 0.95 0.00	33.14 0.67 0.00	35.76 0.58 0.00	36.61 0.64 0.00	37.35 0.56 0.00	36.50 0.76 0.00	38.31 0.99 0.00	40.16 1.15 0.00	51.77 1.37 0.00	58.84 0.99 0.00	57.27 0.82 0.00	89.68 1.20 0.00	74.55 -0.01 0.00	62.88 -0.57 0.00	86.85 -1.29 0.00	66.31 -0.66 0.00	79.89 -0.41 0.00	118.60 -1.01 0.00	144.01 0.84 0.00	70.56 0.14 0.00	75.11 0.23 0.00	77.29 0.92 0.00	57.25 1.66 0.00	39.86 1.08 0.00

LACHUTE___HYDRO 323717	38.17 3.78 0.00	36.32 3.85 0.00	39.29 4.12 0.00	40.09 4.12 0.00	40.75 3.96 0.00	40.07 4.33 0.00	41.79 4.48 0.00	44.30 4.97 -0.31	56.38 5.98 0.00	64.56 6.70 0.00	63.27 6.81 0.00	99.50 11.03 0.00	83.44 8.89 0.00	72.46 9.02 0.00	99.71 11.57 0.00	76.64 9.68 0.00	91.60 11.30 0.00	136.61 16.99 0.00	163.59 20.43 0.00	79.74 9.31 0.00	85.48 10.60 0.00	86.43 10.06 0.00	62.92 7.33 0.00	43.99 5.21 0.00
LAWRNCAV_115KV_TB1 80681	34.54 -0.04 -0.20	32.34 -0.24 -0.11	34.94 -0.26 -0.03	35.74 -0.23 -0.01	36.45 -0.36 -0.02	35.17 -0.57 -0.01	36.88 -0.44 0.00	38.51 -0.50 0.00	49.95 -0.69 -0.25	57.85 -0.86 -0.86	56.65 -0.51 -0.70	88.76 -0.73 -1.02	74.51 -1.22 -1.17	63.07 -1.31 -0.94	87.15 -1.98 -0.99	66.75 -1.48 -1.27	80.21 -1.44 -1.36	119.28 -2.01 -1.68	143.33 -1.81 -1.98	71.12 -0.79 -1.49	74.95 -1.25 -1.30	76.23 -0.99 -0.85	55.61 -0.03 -0.05	38.68 -0.11 0.00
LEDERLE___ 23769	35.75 1.36 0.00	33.97 1.50 0.00	36.70 1.52 0.00	37.47 1.50 0.00	38.35 1.56 0.00	37.31 1.57 0.00	39.08 1.76 0.00	39.11 1.94 1.84	52.84 2.44 0.00	60.79 2.93 0.00	59.16 2.70 0.00	92.33 3.85 0.00	78.12 3.56 0.00	66.76 3.31 0.00	93.11 4.96 0.00	70.82 3.86 0.00	85.19 4.89 0.00	126.62 7.01 0.00	150.60 7.43 0.00	73.77 3.35 0.00	78.62 3.74 0.00	79.85 3.47 0.00	58.00 2.41 0.00	40.57 1.78 0.00
LIGHTHSE_115KV_TB6 355974	35.92 -0.05 -1.59	33.15 -0.20 -0.88	35.11 -0.26 -0.20	35.76 -0.27 -0.06	36.70 -0.28 -0.19	35.54 -0.26 -0.06	37.15 -0.19 -0.03	38.75 -0.26 0.00	51.99 -0.36 -1.96	64.22 -0.42 -6.79	61.63 -0.39 -5.56	96.07 -0.45 -8.04	83.37 -0.44 -9.26	70.68 -0.19 -7.42	95.55 -0.38 -7.78	76.47 -0.52 -10.04	90.66 -0.41 -10.78	132.47 -0.43 -13.29	158.14 -0.64 -15.62	82.34 0.17 -11.75	85.41 0.20 -10.33	83.73 0.49 -6.86	59.16 0.54 -3.03	40.43 0.33 -1.31
LINDEN COGEN___ 23786	33.79 1.01 1.60	31.51 1.27 2.24	33.02 1.32 3.48	32.76 1.34 4.54	31.30 1.42 6.91	25.56 1.45 11.62	24.97 1.67 14.01	29.31 1.87 11.57	36.93 2.33 15.80	42.43 2.64 18.07	51.25 2.30 7.50	85.42 3.19 6.24	77.55 3.06 0.06	66.19 2.93 0.19	92.61 4.47 0.00	69.49 3.43 0.90	82.20 4.40 2.49	119.38 6.27 6.51	147.91 6.36 1.61	73.20 2.78 0.00	78.19 3.30 0.00	79.35 2.98 0.00	57.53 1.94 0.00	40.25 1.47 0.00
LINDHRST_69_KV_BK1 356055	37.05 2.66 0.00	35.15 2.68 0.00	37.90 2.72 0.00	38.70 2.73 0.00	39.66 2.88 0.00	38.62 2.88 0.00	40.45 3.14 0.00	43.60 3.19 -1.40	54.42 4.02 0.00	61.65 3.79 0.00	59.90 3.45 0.00	92.76 4.29 0.00	79.02 4.30 -0.16	67.70 4.25 0.00	100.10 6.61 -5.35	82.91 4.98 -10.97	86.93 6.64 0.00	134.09 9.75 -4.72	158.39 9.93 -5.28	81.64 4.64 -6.57	91.54 5.51 -11.15	79.80 4.97 1.55	60.02 3.98 -0.46	43.88 3.40 -1.70
LIPA_MISC_IPP 23656	36.85 2.46 0.00	34.97 2.50 0.00	37.63 2.45 0.00	38.37 2.40 0.00	39.42 2.63 0.00	38.35 2.61 0.00	40.12 2.80 0.00	43.17 2.76 -1.40	53.69 3.29 0.00	60.94 3.08 0.00	59.42 2.97 0.00	91.80 3.33 0.00	78.24 3.57 -0.11	67.09 3.64 0.00	156.16 6.03 -61.99	198.61 4.55 -127.09	86.10 5.80 -0.01	190.13 8.82 -61.70	222.80 8.59 -71.04	152.18 4.19 -77.57	208.55 5.03 -128.64	77.70 4.28 2.95	59.53 3.61 -0.33	43.82 3.35 -1.70
LISF___SOLAR 323691	36.92 2.53 0.00	35.04 2.56 0.00	37.69 2.51 0.00	38.41 2.45 0.00	39.47 2.68 0.00	38.41 2.67 0.00	40.18 2.86 0.00	43.23 2.82 -1.40	53.80 3.40 0.00	61.03 3.17 0.00	59.57 3.11 0.00	92.01 3.53 0.00	78.40 3.72 -0.12	67.22 3.77 0.00	157.37 6.26 -62.96	200.77 4.75 -129.06	86.34 6.04 -0.01	193.29 9.13 -64.55	226.70 9.08 -74.45	154.71 4.40 -79.88	210.32 5.26 -130.17	77.93 4.50 2.94	59.70 3.75 -0.36	43.92 3.44 -1.70
LITTLE FALLS___HYD 24013	34.15 -0.23 0.00	32.63 0.16 0.00	35.32 0.14 0.00	35.96 -0.01 0.00	36.70 -0.09 0.00	35.88 0.14 0.00	37.24 -0.07 0.00	38.97 -0.05 0.00	50.13 -0.27 0.00	57.42 -0.43 0.00	56.09 -0.36 0.00	87.85 -0.62 0.00	74.13 -0.42 0.00	63.73 0.28 0.00	88.64 0.49 0.00	67.40 0.44 0.00	80.33 0.04 0.00	119.60 -0.02 0.00	142.92 -0.25 0.00	70.56 0.14 0.00	75.53 0.64 0.00	76.83 0.45 0.00	55.68 0.09 0.00	38.90 0.12 0.00
LITTLRIV_115KV_TB1 356100	35.00 0.40 -0.21	32.75 0.16 -0.12	35.33 0.12 -0.03	36.13 0.15 -0.01	36.85 0.03 -0.03	35.58 -0.17 -0.01	37.31 -0.01 0.00	38.96 -0.06 0.00	50.53 -0.14 -0.27	58.58 -0.20 -0.92	57.62 0.40 -0.76	90.42 0.85 -1.10	75.94 0.12 -1.26	64.28 -0.17 -1.01	88.80 -0.40 -1.06	68.13 -0.20 -1.37	81.82 0.06 -1.47	121.12 -0.30 -1.81	145.44 0.15 -2.13	72.23 0.21 -1.60	76.08 -0.21 -1.40	77.37 0.09 -0.91	56.38 0.74 -0.05	39.17 0.39 0.00
LI_NEWBRDGE___DRP 323616	36.23 1.85 0.00	34.41 1.93 0.00	37.15 1.97 0.00	37.95 1.98 0.00	38.89 2.11 0.00	37.86 2.12 0.00	39.63 2.32 0.00	42.76 2.34 -1.40	53.24 2.85 0.00	60.42 2.57 0.00	58.69 2.24 0.00	91.08 2.60 0.00	77.36 2.81 0.00	66.35 2.90 0.00	92.79 4.65 0.00	70.47 3.51 0.00	85.06 4.76 0.00	126.63 7.02 0.00	149.97 6.80 0.00	73.51 3.09 0.00	78.56 3.68 0.00	75.90 3.20 3.68	58.20 2.62 0.00	42.86 2.38 -1.70
LOCKPORT_115KV_TB60_63_64 80432	35.65 1.27 0.00	33.03 0.56 0.00	35.90 0.72 0.00	36.95 0.98 0.00	37.87 1.08 0.00	36.32 0.58 0.00	38.03 0.71 0.00	39.08 0.06 0.00	50.65 0.25 0.00	58.63 0.78 0.00	56.84 0.38 0.00	89.51 1.03 0.00	74.75 0.19 0.00	63.07 -0.38 0.00	87.51 -0.64 0.00	65.73 -1.24 0.00	77.05 -3.25 0.00	114.34 -5.27 0.00	137.72 -5.44 0.00	68.08 -2.35 0.00	72.93 -1.95 0.00	75.72 -0.65 0.00	55.44 -0.15 0.00	39.06 0.27 0.00
LOCKPORT___CC1 323769	35.56 1.17 0.00	32.95 0.48 0.00	35.78 0.60 0.00	36.84 0.87 0.00	37.76 0.97 0.00	36.21 0.47 0.00	37.90 0.58 0.00	38.97 -0.05 0.00	50.50 0.10 0.00	58.44 0.58 0.00	56.64 0.19 0.00	89.14 0.66 0.00	74.46 -0.10 0.00	62.83 -0.62 0.00	87.16 -0.99 0.00	65.46 -1.51 0.00	76.72 -3.58 0.00	113.93 -5.68 0.00	137.23 -5.94 0.00	67.83 -2.60 0.00	72.67 -2.22 0.00	75.46 -0.91 0.00	55.26 -0.33 0.00	38.93 0.14 0.00
LOCKPORT___CC2 323770	35.56 1.17 0.00	32.95 0.48 0.00	35.78 0.60 0.00	36.84 0.87 0.00	37.76 0.97 0.00	36.21 0.47 0.00	37.90 0.58 0.00	38.97 -0.05 0.00	50.50 0.10 0.00	58.44 0.58 0.00	56.64 0.19 0.00	89.14 0.66 0.00	74.46 -0.10 0.00	62.83 -0.62 0.00	87.16 -0.99 0.00	65.46 -1.51 0.00	76.72 -3.58 0.00	113.93 -5.68 0.00	137.23 -5.94 0.00	67.83 -2.60 0.00	72.67 -2.22 0.00	75.46 -0.91 0.00	55.26 -0.33 0.00	38.93 0.14 0.00
LOCKPORT___CC3 323771	35.56 1.17 0.00	32.95 0.48 0.00	35.78 0.60 0.00	36.84 0.87 0.00	37.76 0.97 0.00	36.21 0.47 0.00	37.90 0.58 0.00	38.97 -0.05 0.00	50.50 0.10 0.00	58.44 0.58 0.00	56.64 0.19 0.00	89.14 0.66 0.00	74.46 -0.10 0.00	62.83 -0.62 0.00	87.16 -0.99 0.00	65.46 -1.51 0.00	76.72 -3.58 0.00	113.93 -5.68 0.00	137.23 -5.94 0.00	67.83 -2.60 0.00	72.67 -2.22 0.00	75.46 -0.91 0.00	55.26 -0.33 0.00	38.93 0.14 0.00

LONG_LAKE_PHOENIX 24014	36.09 -0.50 -2.20	33.13 -0.57 -1.22	34.81 -0.64 -0.27	35.42 -0.64 -0.09	36.42 -0.64 -0.27	35.20 -0.62 -0.08	36.72 -0.63 -0.04	38.33 -0.69 0.00	52.29 -0.83 -2.72	66.40 -0.88 -9.42	63.39 -0.78 -7.72	98.67 -0.96 -11.16	86.69 -0.71 -12.84	73.20 -0.55 -10.30	98.26 -0.68 -10.79	80.28 -0.62 -13.93	94.40 -0.85 -14.96	136.66 -1.40 -18.44	163.19 -1.66 -21.68	85.90 -0.83 -16.30	88.36 -0.85 -14.33	85.15 -0.82 -9.60	60.26 -0.74 -5.41	40.66 -0.54 -2.42
LOVETT___3 23632	35.57 1.18 0.00	33.79 1.31 0.00	36.52 1.35 0.00	37.29 1.33 0.00	38.16 1.38 0.00	37.13 1.39 0.00	38.89 1.57 0.00	38.80 1.72 1.93	52.54 2.14 0.00	60.40 2.54 0.00	58.72 2.26 0.00	91.52 3.05 0.00	77.42 2.86 0.00	66.19 2.74 0.00	92.28 4.14 0.00	70.18 3.22 0.00	84.45 4.15 0.00	125.62 6.00 0.00	149.43 6.26 0.00	73.20 2.78 0.00	78.03 3.15 0.00	79.25 2.87 0.00	57.60 2.01 0.00	40.31 1.53 0.00
LOVETT___4 23642	35.57 1.18 0.00	33.79 1.31 0.00	36.52 1.35 0.00	37.29 1.33 0.00	38.16 1.38 0.00	37.13 1.39 0.00	38.89 1.57 0.00	38.80 1.72 1.93	52.54 2.14 0.00	60.40 2.54 0.00	58.72 2.26 0.00	91.52 3.05 0.00	77.42 2.86 0.00	66.19 2.74 0.00	92.28 4.14 0.00	70.18 3.22 0.00	84.45 4.15 0.00	125.62 6.00 0.00	149.43 6.26 0.00	73.20 2.78 0.00	78.03 3.15 0.00	79.25 2.87 0.00	57.60 2.01 0.00	40.31 1.53 0.00
LOVETT___5 23593	35.57 1.18 0.00	33.79 1.31 0.00	36.52 1.35 0.00	37.29 1.33 0.00	38.16 1.38 0.00	37.13 1.39 0.00	38.89 1.57 0.00	38.80 1.72 1.93	52.54 2.14 0.00	60.40 2.54 0.00	58.72 2.26 0.00	91.52 3.05 0.00	77.42 2.86 0.00	66.19 2.74 0.00	92.28 4.14 0.00	70.18 3.22 0.00	84.45 4.15 0.00	125.62 6.00 0.00	149.43 6.26 0.00	73.20 2.78 0.00	78.03 3.15 0.00	79.25 2.87 0.00	57.60 2.01 0.00	40.31 1.53 0.00
LOWER_RAQUET___HYD 24057	34.56 -0.06 -0.23	32.35 -0.25 -0.13	34.93 -0.27 -0.03	35.73 -0.24 -0.01	36.40 -0.42 -0.03	35.09 -0.66 -0.01	36.80 -0.52 0.00	38.41 -0.60 0.00	49.85 -0.83 -0.28	57.82 -1.02 -0.99	56.60 -0.66 -0.80	88.68 -0.96 -1.17	74.40 -1.51 -1.34	62.97 -1.55 -1.08	86.95 -2.32 -1.13	66.69 -1.73 -1.46	80.17 -1.69 -1.57	119.18 -2.36 -1.93	143.20 -2.24 -2.27	71.19 -0.94 -1.71	74.95 -1.43 -1.50	76.18 -1.16 -0.97	55.62 -0.02 -0.05	38.68 -0.10 0.00
LOWER___HUDSON 24059	35.72 1.33 0.00	34.01 1.54 0.00	36.83 1.65 0.00	37.55 1.58 0.00	38.35 1.56 0.00	37.41 1.67 0.00	38.82 1.50 0.00	40.91 1.57 -0.33	52.21 1.81 0.00	59.86 2.01 0.00	58.27 1.81 0.00	90.74 2.26 0.00	76.56 2.01 0.00	65.63 2.18 0.00	91.01 2.87 0.00	69.32 2.36 0.00	83.20 2.91 0.00	123.94 4.33 0.00	148.26 5.09 0.00	73.01 2.59 0.00	78.01 3.12 0.00	79.19 2.82 0.00	57.64 2.05 0.00	40.44 1.66 0.00
LOWVILLE_115KV_TB2 356335	35.69 0.72 -0.58	33.27 0.48 -0.32	35.71 0.46 -0.07	36.45 0.46 -0.02	37.28 0.42 -0.07	36.16 0.40 -0.02	37.94 0.61 -0.01	39.59 0.57 0.00	51.76 0.64 -0.72	60.91 0.57 -2.48	59.20 0.72 -2.03	92.53 1.11 -2.94	78.53 0.60 -3.38	66.86 0.71 -2.71	91.73 0.74 -2.84	70.89 0.27 -3.67	85.41 1.18 -3.94	126.37 1.91 -4.86	150.32 1.45 -5.71	76.80 2.09 -4.29	80.75 2.09 -3.77	81.52 2.65 -2.51	58.73 2.02 -1.12	40.48 1.21 -0.49
LUTHERFT_115KV_GLOB_FND_222 355753	36.36 1.98 0.00	34.57 2.09 0.00	37.41 2.24 0.00	38.16 2.20 0.00	38.97 2.18 0.00	38.00 2.26 0.00	39.52 2.20 0.00	41.69 2.36 -0.31	53.28 2.89 0.00	61.06 3.21 0.00	59.51 3.06 0.00	92.89 4.41 0.00	78.32 3.76 0.00	67.22 3.77 0.00	93.26 5.12 0.00	71.08 4.12 0.00	85.27 4.98 0.00	126.91 7.30 0.00	152.06 8.89 0.00	74.81 4.39 0.00	79.92 5.04 0.00	81.25 4.87 0.00	59.02 3.44 0.00	41.32 2.53 0.00
LUTHERNY_35_KV_BK2 355980	36.39 2.01 0.00	34.62 2.15 0.00	37.42 2.25 0.00	38.18 2.22 0.00	39.02 2.23 0.00	38.01 2.27 0.00	39.56 2.25 0.00	41.74 2.41 -0.31	53.36 2.97 0.00	61.06 3.21 0.00	59.57 3.12 0.00	93.00 4.53 0.00	78.44 3.88 0.00	67.32 3.88 0.00	93.39 5.24 0.00	71.19 4.23 0.00	85.49 5.20 0.00	127.07 7.46 0.00	152.22 9.06 0.00	74.94 4.52 0.00	80.05 5.17 0.00	81.37 4.99 0.00	59.10 3.51 0.00	41.38 2.60 0.00
LWR___OSWEGATCHIE_HYD 23850	35.09 0.25 -0.46	32.75 0.03 -0.25	35.24 0.01 -0.06	36.00 0.01 -0.02	36.74 -0.11 -0.06	35.52 -0.23 -0.02	37.29 -0.04 -0.01	38.90 -0.12 0.00	50.72 -0.24 -0.56	59.39 -0.41 -1.95	57.81 -0.24 -1.60	90.45 -0.34 -2.31	76.41 -0.80 -2.66	64.92 -0.66 -2.13	89.25 -1.13 -2.23	68.86 -0.98 -2.88	82.89 -0.50 -3.09	122.95 -0.47 -3.81	147.11 -0.54 -4.49	74.25 0.46 -3.37	78.09 0.24 -2.96	79.02 0.68 -1.97	57.41 0.95 -0.88	39.67 0.51 -0.38
LYONS_FALL_HYD 23570	35.57 0.83 -0.35	33.33 0.66 -0.19	35.87 0.65 -0.04	36.63 0.64 -0.01	37.48 0.65 -0.04	36.41 0.66 -0.01	38.10 0.78 -0.01	39.82 0.81 0.00	51.85 1.02 -0.43	60.45 1.11 -1.49	59.00 1.32 -1.22	92.42 2.18 -1.76	78.26 1.68 -2.03	66.69 1.62 -1.63	92.04 2.19 -1.70	70.65 1.49 -2.20	84.85 2.19 -2.36	125.69 3.16 -2.91	150.10 3.51 -3.42	75.45 2.45 -2.57	79.68 2.53 -2.26	80.72 2.84 -1.50	58.29 2.01 -0.69	40.32 1.24 -0.30
MADISON___COUNTY_LFGE 323628	35.76 1.02 -0.35	33.53 0.86 -0.20	36.09 0.87 -0.04	36.84 0.86 -0.01	37.73 0.90 -0.04	36.68 0.93 -0.01	38.33 1.00 -0.01	40.07 1.06 0.00	52.24 1.41 -0.43	61.07 1.71 -1.51	59.59 1.91 -1.23	93.55 3.29 -1.78	79.45 2.84 -2.05	67.72 2.63 -1.65	93.53 3.66 -1.72	71.83 2.65 -2.23	85.89 3.21 -2.39	127.25 4.69 -2.95	152.28 5.65 -3.46	76.05 3.03 -2.60	80.46 3.29 -2.29	81.29 3.38 -1.53	58.59 2.19 -0.81	40.53 1.39 -0.36
MALONE___115KV_TB1 356076	34.95 0.56 0.00	32.74 0.26 0.00	35.37 0.19 0.00	36.23 0.26 0.00	37.02 0.23 0.00	35.97 0.23 0.00	37.74 0.42 0.00	39.54 0.53 0.00	51.07 0.67 0.00	58.53 0.68 0.00	57.22 0.76 0.00	89.76 1.29 0.00	74.99 0.43 0.00	63.38 -0.07 0.00	87.85 -0.29 0.00	66.86 -0.10 0.00	80.45 0.16 0.00	119.85 0.24 0.00	144.68 1.51 0.00	70.89 0.47 0.00	75.20 0.31 0.00	77.16 0.79 0.00	56.71 1.12 0.00	39.41 0.62 0.00
MAPLEWOD_115KV_TB3 80458	35.67 1.28 0.00	33.93 1.45 0.00	36.75 1.58 0.00	37.47 1.50 0.00	38.28 1.50 0.00	37.32 1.58 0.00	38.77 1.46 0.00	40.88 1.55 -0.32	52.29 1.89 0.00	59.98 2.13 0.00	58.41 1.95 0.00	91.04 2.56 0.00	76.88 2.32 0.00	65.83 2.38 0.00	91.47 3.33 0.00	69.60 2.64 0.00	83.56 3.27 0.00	124.43 4.81 0.00	148.64 5.47 0.00	73.18 2.76 0.00	78.12 3.24 0.00	79.26 2.89 0.00	57.69 2.10 0.00	40.46 1.67 0.00
MAPLE RIDGE_WT_1 323574	34.28 -0.10 0.00	32.32 -0.15 0.00	35.00 -0.17 0.00	35.82 -0.15 0.00	36.64 -0.15 0.00	35.57 -0.17 0.00	37.16 -0.15 0.00	38.86 -0.15 0.00	50.20 -0.20 0.00	57.59 -0.26 0.00	56.29 -0.17 0.00	88.21 -0.26 0.00	74.25 -0.31 0.00	63.08 -0.37 0.00	87.51 -0.64 0.00	66.41 -0.55 0.00	79.67 -0.62 0.00	118.72 -0.89 0.00	142.48 -0.69 0.00	70.18 -0.25 0.00	74.49 -0.40 0.00	76.06 -0.31 0.00	55.43 -0.16 0.00	38.64 -0.14 0.00

MAPLE_RIDGE_WT_2 323611	34.28 -0.10 0.00	32.32 -0.15 0.00	35.00 -0.17 0.00	35.82 -0.15 0.00	36.64 -0.15 0.00	35.57 -0.17 0.00	37.16 -0.15 0.00	38.86 -0.15 0.00	50.20 -0.20 0.00	57.59 -0.26 0.00	56.29 -0.17 0.00	88.21 -0.26 0.00	74.25 -0.31 0.00	63.08 -0.37 0.00	87.51 -0.64 0.00	66.41 -0.55 0.00	79.67 -0.62 0.00	118.72 -0.89 0.00	142.48 -0.69 0.00	70.18 -0.25 0.00	74.49 -0.40 0.00	76.06 -0.31 0.00	55.43 -0.16 0.00	38.64 -0.14 0.00
MARBLE_RIVER_WT_PWR 323696	34.74 0.35 0.00	32.59 0.12 0.00	35.18 0.00 0.00	36.05 0.09 0.00	36.84 0.05 0.00	35.92 0.18 0.00	37.67 0.36 0.00	39.48 0.46 0.00	50.96 0.56 0.00	58.16 0.31 0.00	56.67 0.22 0.00	88.76 0.29 0.00	74.04 -0.52 0.00	62.53 -0.92 0.00	86.46 -1.69 0.00	65.85 -1.11 0.00	79.30 -1.00 0.00	118.00 -1.61 0.00	142.75 -0.42 0.00	69.86 -0.56 0.00	74.26 -0.62 0.00	76.33 -0.04 0.00	56.27 0.68 0.00	39.16 0.37 0.00
MARSHVLE_115KV_TB1 80742	37.56 3.17 0.00	35.19 2.72 0.00	38.11 2.94 0.00	39.00 3.03 0.00	39.97 3.18 0.00	38.72 2.98 0.00	40.61 3.29 0.00	42.72 3.48 -0.23	54.78 4.38 0.00	62.94 5.09 0.00	61.48 5.03 0.00	96.57 8.09 0.00	81.52 6.96 0.00	68.97 5.52 0.00	95.86 7.71 0.00	73.29 6.33 0.00	87.41 7.12 0.00	130.11 10.50 0.00	156.67 13.50 0.00	76.96 6.54 0.00	82.10 7.21 0.00	84.02 7.65 0.00	60.96 5.37 0.00	42.39 3.61 0.00
MARSH_HILL_WT_PWR 323713	36.27 1.63 -0.24	33.66 1.05 -0.14	36.34 1.13 -0.03	37.33 1.35 -0.01	38.39 1.57 -0.03	37.12 1.37 -0.01	38.82 1.50 0.00	40.40 1.39 0.00	52.63 1.93 -0.30	61.30 2.39 -1.05	59.34 2.02 -0.86	93.12 3.39 -1.25	78.29 2.29 -1.44	66.33 1.73 -1.15	91.98 2.62 -1.21	70.04 1.52 -1.56	83.09 1.12 -1.68	123.02 1.35 -2.06	147.59 1.99 -2.43	73.45 1.20 -1.82	78.08 1.59 -1.60	79.60 2.16 -1.07	58.12 1.93 -0.60	40.66 1.61 -0.27
MCINTYRE_115KV_TB2 80467	35.30 0.72 -0.19	33.03 0.45 -0.11	35.61 0.41 -0.02	36.43 0.46 -0.01	37.20 0.38 -0.02	35.95 0.20 -0.01	37.70 0.38 0.00	39.38 0.36 0.00	51.03 0.39 -0.24	59.09 0.41 -0.83	58.08 0.95 -0.68	91.20 1.75 -0.98	76.68 1.00 -1.13	64.92 0.57 -0.90	89.70 0.61 -0.95	68.81 0.63 -1.22	82.69 1.09 -1.31	122.34 1.12 -1.62	147.02 1.96 -1.90	72.94 1.09 -1.43	76.82 0.68 -1.25	78.17 0.99 -0.81	56.86 1.23 -0.05	39.48 0.70 0.00
MECO____69_KV_BK1 80468	38.09 3.70 0.00	35.90 3.43 0.00	38.78 3.60 0.00	39.60 3.63 0.00	40.61 3.82 0.00	39.57 3.83 0.00	41.15 3.84 0.00	43.38 4.11 -0.25	55.19 4.79 0.00	63.02 5.17 0.00	61.47 5.02 0.00	96.96 8.48 0.00	81.96 7.40 0.00	69.66 6.21 0.00	99.69 11.55 0.00	76.07 9.11 0.00	89.98 9.68 0.00	132.92 13.31 0.00	159.03 15.86 0.00	78.50 8.07 0.00	83.99 9.11 0.00	85.58 9.21 0.00	61.97 6.38 0.00	43.01 4.22 0.00
MENANDS__115KV_TB5 355628	35.23 0.85 0.00	33.56 1.08 0.00	36.36 1.18 0.00	37.06 1.10 0.00	37.87 1.09 0.00	36.93 1.19 0.00	38.35 1.03 0.00	40.40 1.06 -0.33	51.62 1.22 0.00	59.18 1.32 0.00	57.55 1.10 0.00	89.60 1.12 0.00	75.62 1.07 0.00	64.73 1.28 0.00	89.83 1.68 0.00	68.39 1.43 0.00	82.06 1.76 0.00	122.32 2.71 0.00	146.04 2.87 0.00	71.91 1.49 0.00	76.80 1.91 0.00	77.92 1.55 0.00	56.78 1.19 0.00	39.89 1.11 0.00
MG INDUSTRY__DRP 24185	35.30 0.91 0.00	33.60 1.13 0.00	36.47 1.29 0.00	37.21 1.24 0.00	38.03 1.24 0.00	37.06 1.32 0.00	38.47 1.15 0.00	40.46 1.16 -0.29	51.74 1.34 0.00	59.19 1.34 0.00	57.26 0.81 0.00	88.44 -0.04 0.00	73.95 -0.61 0.00	1.26 -0.37 61.82	46.61 -0.82 40.71	66.59 -0.37 0.00	79.90 -0.39 0.00	119.31 -0.30 0.00	142.56 -0.60 0.00	70.27 -0.15 0.00	75.09 0.21 0.00	76.23 -0.15 0.00	55.90 0.31 0.00	39.79 1.01 0.00
MID__OSWEGATCHIE_HYD 23849	35.09 0.25 -0.46	32.75 0.03 -0.25	35.24 0.01 -0.06	36.00 0.01 -0.02	36.74 -0.11 -0.06	35.52 -0.23 -0.02	37.29 -0.04 -0.01	38.90 -0.12 0.00	50.72 -0.24 -0.56	59.39 -0.41 -1.95	57.81 -0.24 -1.60	90.45 -0.34 -2.31	76.41 -0.80 -2.66	64.92 -0.66 -2.13	89.25 -1.13 -2.23	68.86 -0.98 -2.88	82.89 -0.50 -3.09	122.95 -0.47 -3.81	147.11 -0.54 -4.49	74.25 0.46 -3.37	78.09 0.24 -2.96	79.02 0.68 -1.97	57.41 0.95 -0.88	39.67 0.51 -0.38
MID__RAQUETTE_HYD 23851	34.56 -0.06 -0.23	32.35 -0.26 -0.13	34.93 -0.27 -0.03	35.73 -0.25 -0.01	36.40 -0.42 -0.03	35.09 -0.66 -0.01	36.80 -0.52 0.00	38.41 -0.60 0.00	49.86 -0.83 -0.28	57.82 -1.02 -0.99	56.60 -0.67 -0.80	88.68 -0.96 -1.17	74.40 -1.51 -1.34	62.97 -1.55 -1.08	86.95 -2.33 -1.13	66.69 -1.73 -1.46	80.17 -1.69 -1.57	119.18 -2.36 -1.93	143.20 -2.23 -2.27	71.19 -0.94 -1.71	74.95 -1.43 -1.50	76.19 -1.15 -0.97	55.62 -0.02 -0.05	38.68 -0.10 0.00
MILLIKEN__1 23584	36.24 1.06 -0.79	33.77 0.86 -0.44	36.18 0.91 -0.10	36.96 0.96 -0.03	37.88 0.99 -0.10	36.74 0.97 -0.03	38.41 1.08 -0.02	40.07 1.05 0.00	52.76 1.38 -0.98	62.85 1.59 -3.40	60.77 1.53 -2.78	95.20 2.70 -4.03	81.55 2.36 -4.63	69.18 2.01 -3.71	94.83 2.79 -3.89	73.97 1.98 -5.02	88.00 2.32 -5.40	130.05 3.78 -6.65	155.68 4.69 -7.82	78.72 2.42 -5.88	82.77 2.72 -5.17	82.83 3.00 -3.46	59.47 1.98 -1.91	40.91 1.28 -0.85
MILLIKEN__2 23585	36.24 1.06 -0.79	33.77 0.86 -0.44	36.18 0.91 -0.10	36.96 0.96 -0.03	37.88 0.99 -0.10	36.74 0.97 -0.03	38.41 1.08 -0.02	40.07 1.05 0.00	52.76 1.38 -0.98	62.85 1.59 -3.40	60.77 1.53 -2.78	95.20 2.70 -4.03	81.55 2.36 -4.63	69.18 2.01 -3.71	94.83 2.79 -3.89	73.97 1.98 -5.02	88.00 2.32 -5.40	130.05 3.78 -6.65	155.68 4.69 -7.82	78.72 2.42 -5.88	82.77 2.72 -5.17	82.83 3.00 -3.46	59.47 1.98 -1.91	40.91 1.28 -0.85
MILLIKEN__DIESEL 23629	36.24 1.06 -0.79	33.77 0.86 -0.44	36.18 0.91 -0.10	36.96 0.96 -0.03	37.88 0.99 -0.10	36.74 0.97 -0.03	38.41 1.08 -0.02	40.07 1.05 0.00	52.76 1.38 -0.98	62.85 1.59 -3.40	60.77 1.53 -2.78	95.20 2.70 -4.03	81.55 2.36 -4.63	69.18 2.01 -3.71	94.83 2.79 -3.89	73.97 1.98 -5.02	88.00 2.32 -5.40	130.05 3.78 -6.65	155.68 4.69 -7.82	78.72 2.42 -5.88	82.77 2.72 -5.17	82.83 3.00 -3.46	59.47 1.98 -1.91	40.91 1.28 -0.85
MILLSEAT__LFGE 323607	36.37 1.98 0.00	33.70 1.23 0.00	36.55 1.38 0.00	37.58 1.61 0.00	38.52 1.73 0.00	37.00 1.26 0.00	38.74 1.43 0.00	39.95 0.94 0.00	51.86 1.46 0.00	60.00 2.15 0.00	58.25 1.80 0.00	91.62 3.15 0.00	76.13 1.57 0.00	64.40 0.95 0.00	89.47 1.33 0.00	67.28 0.32 0.00	79.26 -1.03 0.00	117.64 -1.97 0.00	141.43 -1.74 0.00	69.93 -0.50 0.00	74.79 -0.09 0.00	77.46 1.09 0.00	56.60 1.01 0.00	40.05 1.26 0.00
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	35.68 1.30 0.00	33.95 1.48 0.00	36.72 1.55 0.00	37.51 1.54 0.00	38.37 1.58 0.00	37.35 1.62 0.00	39.11 1.80 0.00	42.53 1.95 -1.57	52.83 2.43 0.00	60.68 2.82 0.00	58.96 2.51 0.00	91.96 3.48 0.00	77.78 3.23 0.00	66.53 3.08 0.00	92.74 4.60 0.00	70.55 3.59 0.00	84.86 4.57 0.00	126.27 6.65 0.00	150.15 6.99 0.00	73.56 3.14 0.00	78.47 3.58 0.00	79.64 3.27 0.00	57.86 2.28 0.00	40.53 1.74 0.00

MILLWOOD_13_KV_LOAD 356217	35.81 1.42 0.00	34.07 1.59 0.00	36.84 1.67 0.00	37.62 1.66 0.00	38.50 1.71 0.00	37.47 1.73 0.00	39.25 1.93 0.00	42.69 2.11 -1.57	53.05 2.65 0.00	60.94 3.08 0.00	59.24 2.79 0.00	92.42 3.94 0.00	78.21 3.65 0.00	66.89 3.44 0.00	93.27 5.13 0.00	70.94 3.98 0.00	85.35 5.06 0.00	126.97 7.36 0.00	151.01 7.85 0.00	73.95 3.52 0.00	78.87 3.98 0.00	80.02 3.65 0.00	58.12 2.53 0.00	40.69 1.91 0.00
MODEL_CITY_ENERGY 24167	35.35 0.96 0.00	32.81 0.33 0.00	35.68 0.50 0.00	36.73 0.77 0.00	37.64 0.86 0.00	36.10 0.36 0.00	37.77 0.46 0.00	38.73 -0.29 0.00	50.17 -0.23 0.00	58.06 0.21 0.00	56.25 -0.20 0.00	88.58 0.11 0.00	73.99 -0.57 0.00	62.39 -1.06 0.00	86.55 -1.60 0.00	65.01 -1.96 0.00	76.15 -4.14 0.00	113.11 -6.50 0.00	136.30 -6.86 0.00	67.41 -3.02 0.00	72.21 -2.67 0.00	75.02 -1.36 0.00	54.94 -0.65 0.00	38.72 -0.07 0.00
MODERN_LFGE_ 323580	35.35 0.96 0.00	32.81 0.33 0.00	35.68 0.50 0.00	36.73 0.77 0.00	37.64 0.86 0.00	36.10 0.36 0.00	37.77 0.46 0.00	38.73 -0.29 0.00	50.17 -0.23 0.00	58.06 0.21 0.00	56.25 -0.20 0.00	88.58 0.11 0.00	73.99 -0.57 0.00	62.39 -1.06 0.00	86.55 -1.60 0.00	65.01 -1.96 0.00	76.15 -4.14 0.00	113.11 -6.50 0.00	136.30 -6.86 0.00	67.41 -3.02 0.00	72.21 -2.67 0.00	75.02 -1.36 0.00	54.94 -0.65 0.00	38.72 -0.07 0.00
MOHAWK_PAPER__DRP 24187	35.67 1.28 0.00	33.93 1.45 0.00	36.75 1.58 0.00	37.47 1.50 0.00	38.28 1.50 0.00	37.32 1.58 0.00	38.77 1.46 0.00	40.88 1.55 -0.32	52.29 1.89 0.00	59.98 2.13 0.00	58.41 1.95 0.00	91.04 2.56 0.00	76.88 2.32 0.00	65.83 2.38 0.00	91.47 3.33 0.00	69.60 2.64 0.00	83.56 3.27 0.00	124.43 4.81 0.00	148.64 5.47 0.00	73.18 2.76 0.00	78.12 3.24 0.00	79.26 2.89 0.00	57.69 2.10 0.00	40.46 1.67 0.00
MOHICAN__35_KV_115KV_LD 80490	36.64 2.25 0.00	34.81 2.34 0.00	37.66 2.49 0.00	38.40 2.43 0.00	39.17 2.38 0.00	38.26 2.53 0.00	39.81 2.50 0.00	42.05 2.73 -0.31	53.67 3.28 0.00	61.53 3.67 0.00	60.01 3.56 0.00	93.70 5.23 0.00	78.80 4.24 0.00	67.95 4.51 0.00	94.09 5.94 0.00	71.91 4.95 0.00	86.21 5.92 0.00	128.31 8.70 0.00	154.06 10.90 0.00	75.65 5.22 0.00	80.99 6.10 0.00	82.44 6.06 0.00	59.81 4.22 0.00	41.83 3.04 0.00
MONGAUP__HYD 23641	35.74 1.35 0.00	33.92 1.45 0.00	36.66 1.48 0.00	37.66 1.69 0.00	38.29 1.50 0.00	37.26 1.52 0.00	39.12 1.81 0.00	39.63 1.71 1.10	52.50 2.10 0.00	60.23 2.37 0.00	58.74 2.29 0.00	91.55 3.07 0.00	77.65 3.09 0.00	66.45 3.01 0.00	92.22 4.08 0.00	70.24 3.28 0.00	84.92 4.62 0.00	125.84 6.23 0.00	150.14 6.97 0.00	73.85 3.43 0.00	79.19 4.30 0.00	80.44 4.06 0.00	58.86 3.27 0.00	40.86 2.07 0.00
MONTAUK__DIESEL 23721	38.80 4.42 0.00	36.67 4.20 0.00	39.40 4.22 0.00	40.10 4.13 0.00	41.20 4.42 0.00	40.09 4.35 0.00	42.02 4.71 0.00	45.29 4.88 -1.40	56.70 6.30 0.00	64.61 6.75 0.00	63.11 6.66 0.00	98.17 9.69 0.00	83.61 8.93 -0.12	71.80 8.35 0.00	163.36 12.82 -62.40	204.34 9.45 -127.93	91.14 10.84 -0.01	198.53 16.11 -62.80	232.59 17.07 -72.35	157.38 8.48 -78.49	214.37 10.16 -129.32	82.56 9.12 2.95	62.94 7.02 -0.34	46.22 5.74 -1.70
MOONROAD_115KV_HARTFLD_TB1-2 355988	36.91 2.52 0.00	34.17 1.70 0.00	37.25 2.08 0.00	38.21 2.25 0.00	39.07 2.28 0.00	37.39 1.65 0.00	39.26 1.94 0.00	40.91 1.90 0.00	53.51 3.11 0.00	62.21 4.36 0.00	60.27 3.82 0.00	95.10 6.62 0.00	79.35 4.79 0.00	66.46 3.01 0.00	92.74 4.59 0.00	69.93 2.97 0.00	82.02 1.73 0.00	119.81 0.20 0.00	145.32 2.16 0.00	70.73 0.31 0.00	76.39 1.50 0.00	80.16 3.79 0.00	58.65 3.07 0.00	41.16 2.38 0.00
MORTIMER_115KV_TB3 55949	35.69 1.30 0.00	33.20 0.72 0.00	35.96 0.78 0.00	36.89 0.93 0.00	37.77 0.98 0.00	36.43 0.69 0.00	38.15 0.83 0.00	39.72 0.71 0.00	51.58 1.18 0.00	59.59 1.74 0.00	57.94 1.49 0.00	91.33 2.85 0.00	76.72 2.17 0.00	65.07 1.62 0.00	90.43 2.29 0.00	68.24 1.28 0.00	80.83 0.54 0.00	120.13 0.52 0.00	144.17 1.00 0.00	71.05 0.63 0.00	75.74 0.85 0.00	77.92 1.55 0.00	56.68 1.09 0.00	39.71 0.92 0.00
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	35.72 1.33 0.00	34.03 1.56 0.00	36.84 1.67 0.00	37.66 1.69 0.00	38.55 1.77 0.00	37.53 1.79 0.00	39.35 2.04 0.00	42.66 2.23 -1.41	53.17 2.77 0.00	60.95 3.09 0.00	59.16 2.71 0.00	92.29 3.81 0.00	78.10 3.54 0.00	66.79 3.34 0.00	93.18 5.03 0.00	70.85 3.89 0.00	85.25 4.96 0.00	126.80 7.19 0.00	150.65 7.48 0.00	73.76 3.34 0.00	78.70 3.81 0.00	79.88 3.51 0.00	57.96 2.37 0.00	40.59 1.80 0.00
MUNSVILLE_WIND_PWR 323609	38.05 3.16 -0.50	35.60 2.85 -0.27	38.22 2.98 -0.06	39.01 3.02 -0.02	40.00 3.15 -0.06	38.85 3.09 -0.02	40.66 3.33 -0.01	42.57 3.56 0.00	55.59 4.58 -0.61	65.10 5.11 -2.13	63.49 5.30 -1.74	99.63 8.64 -2.51	84.58 7.13 -2.90	72.29 6.52 -2.32	99.33 8.75 -2.43	76.33 6.22 -3.14	91.21 7.54 -3.37	135.81 12.04 -4.16	163.21 15.16 -4.89	81.96 7.86 -3.67	86.53 8.41 -3.23	87.27 8.74 -2.16	62.55 5.76 -1.19	43.10 3.78 -0.53
N SALMON__HYD 24042	34.95 0.56 0.00	32.74 0.26 0.00	35.37 0.20 0.00	36.23 0.26 0.00	37.02 0.23 0.00	35.97 0.23 0.00	37.74 0.42 0.00	39.54 0.53 0.00	51.07 0.68 0.00	58.53 0.68 0.00	57.22 0.76 0.00	89.76 1.28 0.00	74.99 0.44 0.00	63.38 -0.07 0.00	87.86 -0.29 0.00	66.85 -0.11 0.00	80.45 0.16 0.00	119.84 0.23 0.00	144.68 1.51 0.00	70.89 0.47 0.00	75.20 0.31 0.00	77.16 0.78 0.00	56.71 1.12 0.00	39.41 0.62 0.00
N.AKRON__115KV_KNAPP 355671	36.25 1.86 0.00	33.57 1.10 0.00	36.43 1.26 0.00	37.47 1.50 0.00	38.41 1.62 0.00	36.89 1.14 0.00	38.62 1.30 0.00	39.79 0.77 0.00	51.62 1.22 0.00	59.72 1.87 0.00	58.07 1.61 0.00	91.38 2.91 0.00	76.13 1.57 0.00	64.36 0.91 0.00	89.37 1.23 0.00	67.18 0.22 0.00	78.94 -1.36 0.00	116.97 -2.65 0.00	140.68 -2.49 0.00	69.57 -0.85 0.00	74.44 -0.45 0.00	77.18 0.80 0.00	56.45 0.86 0.00	39.81 1.03 0.00
N.BELMOR_69_KV_BK1 55787	36.50 2.11 0.00	34.69 2.22 0.00	37.45 2.28 0.00	38.26 2.30 0.00	39.21 2.42 0.00	38.18 2.44 0.00	39.96 2.65 0.00	43.05 2.64 -1.40	53.63 3.23 0.00	60.97 3.11 0.00	59.31 2.86 0.00	92.16 3.68 0.00	78.27 3.71 0.00	67.15 3.70 0.00	93.75 5.61 0.00	71.25 4.29 0.00	86.01 5.72 0.00	128.05 8.44 0.00	151.69 8.52 0.00	74.34 3.91 0.00	79.55 4.67 0.00	82.03 4.19 -1.46	58.83 3.24 0.00	43.19 2.71 -1.70
N.E._GEN_SANDY PD 24062	35.49 1.15 0.05	34.72 1.41 -0.84	35.81 1.48 0.85	37.34 1.40 0.03	38.17 1.38 0.00	37.35 1.51 -0.10	38.34 1.40 0.37	42.61 1.45 -2.15	49.98 1.63 2.06	59.79 1.93 0.00	58.18 1.73 0.00	90.49 2.01 0.00	74.59 1.82 1.79	65.48 2.03 0.00	89.36 2.68 1.47	69.16 2.20 0.00	83.16 2.87 0.00	123.87 4.26 0.00	147.80 4.64 0.00	72.69 2.26 0.00	83.24 2.72 -5.62	77.50 2.34 1.22	57.33 1.74 0.00	39.05 1.47 1.21

N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	35.64 1.25 0.00	33.85 1.38 0.00	36.59 1.41 0.00	37.36 1.40 0.00	38.23 1.44 0.00	37.19 1.46 0.00	38.95 1.64 0.00	38.92 1.79 1.89	52.65 2.25 0.00	60.56 2.70 0.00	58.90 2.45 0.00	91.87 3.40 0.00	77.71 3.15 0.00	66.42 2.98 0.00	92.64 4.49 0.00	70.48 3.51 0.00	84.78 4.49 0.00	126.09 6.47 0.00	149.96 6.80 0.00	73.44 3.02 0.00	78.28 3.39 0.00	79.49 3.12 0.00	57.77 2.18 0.00	40.42 1.63 0.00
N.QUEENS_27_KV_LOAD 356247	35.83 1.45 0.00	34.12 1.65 0.00	36.89 1.71 0.00	37.64 1.68 0.00	38.55 1.76 0.00	37.55 1.82 0.00	39.31 2.00 0.00	42.63 2.20 -1.41	53.10 2.70 0.00	60.95 3.10 0.00	59.10 2.65 0.00	92.26 3.78 0.00	78.13 3.57 0.00	66.81 3.36 0.00	93.39 5.24 0.00	70.95 3.99 0.00	85.40 5.11 0.00	127.03 7.42 0.00	150.67 7.51 0.00	73.83 3.41 0.00	78.87 3.98 0.00	80.04 3.66 0.00	58.11 2.53 0.00	40.64 1.86 0.00
N.TROY___115KV_TB1 355778	35.72 1.33 0.00	34.01 1.54 0.00	36.83 1.65 0.00	37.55 1.58 0.00	38.35 1.56 0.00	37.41 1.67 0.00	38.82 1.50 0.00	40.91 1.56 -0.33	52.21 1.81 0.00	59.86 2.01 0.00	58.27 1.81 0.00	90.74 2.27 0.00	76.57 2.01 0.00	65.63 2.18 0.00	91.01 2.87 0.00	69.32 2.36 0.00	83.21 2.91 0.00	123.95 4.34 0.00	148.26 5.09 0.00	73.02 2.60 0.00	78.01 3.12 0.00	79.19 2.82 0.00	57.65 2.06 0.00	40.44 1.66 0.00
NARROWS_GT1_1 24228	35.79 1.41 0.00	34.10 1.63 0.00	36.91 1.73 0.00	37.69 1.73 0.00	38.58 1.79 0.00	37.54 1.80 0.00	39.43 2.11 0.00	42.81 2.38 -1.41	53.40 3.00 0.00	61.20 3.34 0.00	59.20 2.75 0.00	92.49 4.01 0.00	78.32 3.76 0.00	66.87 3.42 0.00	93.50 5.35 0.00	70.96 4.00 0.00	85.38 5.09 0.00	126.88 7.27 0.00	150.56 7.39 0.00	73.90 3.48 0.00	79.01 4.12 -0.01	80.20 3.81 -0.02	59.33 2.56 -1.19	40.70 1.91 -0.01
NARROWS_GT1_2 24229	35.79 1.41 0.00	34.10 1.63 0.00	36.91 1.73 0.00	37.69 1.73 0.00	38.58 1.79 0.00	37.54 1.80 0.00	39.43 2.11 0.00	42.81 2.38 -1.41	53.40 3.00 0.00	61.20 3.34 0.00	59.20 2.75 0.00	92.49 4.01 0.00	78.32 3.76 0.00	66.87 3.42 0.00	93.50 5.35 0.00	70.96 4.00 0.00	85.38 5.09 0.00	126.88 7.27 0.00	150.56 7.39 0.00	73.90 3.48 0.00	79.01 4.12 -0.01	80.20 3.81 -0.02	59.33 2.56 -1.19	40.70 1.91 -0.01
NARROWS_GT1_3 24230	35.79 1.41 0.00	34.10 1.63 0.00	36.91 1.73 0.00	37.69 1.73 0.00	38.58 1.79 0.00	37.54 1.80 0.00	39.43 2.11 0.00	42.81 2.38 -1.41	53.40 3.00 0.00	61.20 3.34 0.00	59.20 2.75 0.00	92.49 4.01 0.00	78.32 3.76 0.00	66.87 3.42 0.00	93.50 5.35 0.00	70.96 4.00 0.00	85.38 5.09 0.00	126.88 7.27 0.00	150.56 7.39 0.00	73.90 3.48 0.00	79.01 4.12 -0.01	80.20 3.81 -0.02	59.33 2.56 -1.19	40.70 1.91 -0.01
NARROWS_GT1_4 24231	35.79 1.41 0.00	34.10 1.63 0.00	36.91 1.73 0.00	37.69 1.73 0.00	38.58 1.79 0.00	37.54 1.80 0.00	39.43 2.11 0.00	42.81 2.38 -1.41	53.40 3.00 0.00	61.20 3.34 0.00	59.20 2.75 0.00	92.49 4.01 0.00	78.32 3.76 0.00	66.87 3.42 0.00	93.50 5.35 0.00	70.96 4.00 0.00	85.38 5.09 0.00	126.88 7.27 0.00	150.56 7.39 0.00	73.90 3.48 0.00	79.01 4.12 -0.01	80.20 3.81 -0.02	59.33 2.56 -1.19	40.70 1.91 -0.01
NARROWS_GT1_5 24232	35.79 1.41 0.00	34.10 1.63 0.00	36.91 1.73 0.00	37.69 1.73 0.00	38.58 1.79 0.00	37.54 1.80 0.00	39.43 2.11 0.00	42.81 2.38 -1.41	53.40 3.00 0.00	61.20 3.34 0.00	59.20 2.75 0.00	92.49 4.01 0.00	78.32 3.76 0.00	66.87 3.42 0.00	93.50 5.35 0.00	70.96 4.00 0.00	85.38 5.09 0.00	126.88 7.27 0.00	150.56 7.39 0.00	73.90 3.48 0.00	79.01 4.12 -0.01	80.20 3.81 -0.02	59.33 2.56 -1.19	40.70 1.91 -0.01
NARROWS_GT1_6 24233	35.79 1.41 0.00	34.10 1.63 0.00	36.91 1.73 0.00	37.69 1.73 0.00	38.58 1.79 0.00	37.54 1.80 0.00	39.43 2.11 0.00	42.81 2.38 -1.41	53.40 3.00 0.00	61.20 3.34 0.00	59.20 2.75 0.00	92.49 4.01 0.00	78.32 3.76 0.00	66.87 3.42 0.00	93.50 5.35 0.00	70.96 4.00 0.00	85.38 5.09 0.00	126.88 7.27 0.00	150.56 7.39 0.00	73.90 3.48 0.00	79.01 4.12 -0.01	80.20 3.81 -0.02	59.33 2.56 -1.19	40.70 1.91 -0.01
NARROWS_GT1_7 24234	35.79 1.41 0.00	34.10 1.63 0.00	36.91 1.73 0.00	37.69 1.73 0.00	38.58 1.79 0.00	37.54 1.80 0.00	39.43 2.11 0.00	42.81 2.38 -1.41	53.40 3.00 0.00	61.20 3.34 0.00	59.20 2.75 0.00	92.49 4.01 0.00	78.32 3.76 0.00	66.87 3.42 0.00	93.50 5.35 0.00	70.96 4.00 0.00	85.38 5.09 0.00	126.88 7.27 0.00	150.56 7.39 0.00	73.90 3.48 0.00	79.01 4.12 -0.01	80.20 3.81 -0.02	59.33 2.56 -1.19	40.70 1.91 -0.01
NARROWS_GT1_8 24235	35.79 1.41 0.00	34.10 1.63 0.00	36.91 1.73 0.00	37.69 1.73 0.00	38.58 1.79 0.00	37.54 1.80 0.00	39.43 2.11 0.00	42.81 2.38 -1.41	53.40 3.00 0.00	61.20 3.34 0.00	59.20 2.75 0.00	92.49 4.01 0.00	78.32 3.76 0.00	66.87 3.42 0.00	93.50 5.35 0.00	70.96 4.00 0.00	85.38 5.09 0.00	126.88 7.27 0.00	150.56 7.39 0.00	73.90 3.48 0.00	79.01 4.12 -0.01	80.20 3.81 -0.02	59.33 2.56 -1.19	40.70 1.91 -0.01
NARROWS_GT2_1 24236	35.79 1.41 0.00	34.10 1.63 0.00	36.91 1.73 0.00	37.69 1.73 0.00	38.58 1.79 0.00	37.54 1.80 0.00	39.43 2.11 0.00	42.81 2.38 -1.41	53.40 3.00 0.00	61.20 3.34 0.00	59.20 2.75 0.00	92.49 4.01 0.00	78.32 3.76 0.00	66.87 3.42 0.00	93.50 5.35 0.00	70.96 4.00 0.00	85.38 5.09 0.00	126.88 7.27 0.00	150.56 7.39 0.00	73.90 3.48 0.00	79.01 4.12 -0.01	80.20 3.81 -0.02	59.33 2.56 -1.19	40.70 1.91 -0.01
NARROWS_GT2_2 24237	35.79 1.41 0.00	34.10 1.63 0.00	36.91 1.73 0.00	37.69 1.73 0.00	38.58 1.79 0.00	37.54 1.80 0.00	39.43 2.11 0.00	42.81 2.38 -1.41	53.40 3.00 0.00	61.20 3.34 0.00	59.20 2.75 0.00	92.49 4.01 0.00	78.32 3.76 0.00	66.87 3.42 0.00	93.50 5.35 0.00	70.96 4.00 0.00	85.38 5.09 0.00	126.88 7.27 0.00	150.56 7.39 0.00	73.90 3.48 0.00	79.01 4.12 -0.01	80.20 3.81 -0.02	59.33 2.56 -1.19	40.70 1.91 -0.01
NARROWS_GT2_3 24238	35.79 1.41 0.00	34.10 1.63 0.00	36.91 1.73 0.00	37.69 1.73 0.00	38.58 1.79 0.00	37.54 1.80 0.00	39.43 2.11 0.00	42.81 2.38 -1.41	53.40 3.00 0.00	61.20 3.34 0.00	59.20 2.75 0.00	92.49 4.01 0.00	78.32 3.76 0.00	66.87 3.42 0.00	93.50 5.35 0.00	70.96 4.00 0.00	85.38 5.09 0.00	126.88 7.27 0.00	150.56 7.39 0.00	73.90 3.48 0.00	79.01 4.12 -0.01	80.20 3.81 -0.02	59.33 2.56 -1.19	40.70 1.91 -0.01
NARROWS_GT2_4 24239	35.79 1.41 0.00	34.10 1.63 0.00	36.91 1.73 0.00	37.69 1.73 0.00	38.58 1.79 0.00	37.54 1.80 0.00	39.43 2.11 0.00	42.81 2.38 -1.41	53.40 3.00 0.00	61.20 3.34 0.00	59.20 2.75 0.00	92.49 4.01 0.00	78.32 3.76 0.00	66.87 3.42 0.00	93.50 5.35 0.00	70.96 4.00 0.00	85.38 5.09 0.00	126.88 7.27 0.00	150.56 7.39 0.00	73.90 3.48 0.00	79.01 4.12 -0.01	80.20 3.81 -0.02	59.33 2.56 -1.19	40.70 1.91 -0.01

NARROWS_GT2_5 24240	35.79 1.41 0.00	34.10 1.63 0.00	36.91 1.73 0.00	37.69 1.73 0.00	38.58 1.79 0.00	37.54 1.80 0.00	39.43 2.11 0.00	42.81 2.38 -1.41	53.40 3.00 0.00	61.20 3.34 0.00	59.20 2.75 0.00	92.49 4.01 0.00	78.32 3.76 0.00	66.87 3.42 0.00	93.50 5.35 0.00	70.96 4.00 0.00	85.38 5.09 0.00	126.88 7.27 0.00	150.56 7.39 0.00	73.90 3.48 0.00	79.01 4.12 -0.01	80.20 3.81 -0.02	59.33 2.56 -1.19	40.70 1.91 -0.01
NARROWS_GT2_6 24241	35.79 1.41 0.00	34.10 1.63 0.00	36.91 1.73 0.00	37.69 1.73 0.00	38.58 1.79 0.00	37.54 1.80 0.00	39.43 2.11 0.00	42.81 2.38 -1.41	53.40 3.00 0.00	61.20 3.34 0.00	59.20 2.75 0.00	92.49 4.01 0.00	78.32 3.76 0.00	66.87 3.42 0.00	93.50 5.35 0.00	70.96 4.00 0.00	85.38 5.09 0.00	126.88 7.27 0.00	150.56 7.39 0.00	73.90 3.48 0.00	79.01 4.12 -0.01	80.20 3.81 -0.02	59.33 2.56 -1.19	40.70 1.91 -0.01
NARROWS_GT2_7 24242	35.79 1.41 0.00	34.10 1.63 0.00	36.91 1.73 0.00	37.69 1.73 0.00	38.58 1.79 0.00	37.54 1.80 0.00	39.43 2.11 0.00	42.81 2.38 -1.41	53.40 3.00 0.00	61.20 3.34 0.00	59.20 2.75 0.00	92.49 4.01 0.00	78.32 3.76 0.00	66.87 3.42 0.00	93.50 5.35 0.00	70.96 4.00 0.00	85.38 5.09 0.00	126.88 7.27 0.00	150.56 7.39 0.00	73.90 3.48 0.00	79.01 4.12 -0.01	80.20 3.81 -0.02	59.33 2.56 -1.19	40.70 1.91 -0.01
NARROWS_GT2_8 24243	35.79 1.41 0.00	34.10 1.63 0.00	36.91 1.73 0.00	37.69 1.73 0.00	38.58 1.79 0.00	37.54 1.80 0.00	39.43 2.11 0.00	42.81 2.38 -1.41	53.40 3.00 0.00	61.20 3.34 0.00	59.20 2.75 0.00	92.49 4.01 0.00	78.32 3.76 0.00	66.87 3.42 0.00	93.50 5.35 0.00	70.96 4.00 0.00	85.38 5.09 0.00	126.88 7.27 0.00	150.56 7.39 0.00	73.90 3.48 0.00	79.01 4.12 -0.01	80.20 3.81 -0.02	59.33 2.56 -1.19	40.70 1.91 -0.01
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	36.11 1.73 0.00	34.29 1.82 0.00	37.18 2.00 0.00	37.89 1.93 0.00	38.70 1.91 0.00	37.74 2.00 0.00	39.20 1.88 0.00	41.23 1.99 -0.22	52.76 2.36 0.00	60.21 2.35 0.00	58.34 1.88 0.00	90.57 2.10 0.00	76.31 1.75 0.00	-12.00 1.64 77.09	39.79 2.41 50.77	69.24 2.28 0.00	82.89 2.59 0.00	124.18 4.57 0.00	148.75 5.58 0.00	73.53 3.11 0.00	78.60 3.71 0.00	79.68 3.31 0.00	57.97 2.38 0.00	40.81 2.03 0.00
NCHELSEA_115KV_TR2 355582	36.11 1.73 0.00	34.32 1.85 0.00	37.12 1.94 0.00	37.87 1.90 0.00	38.73 1.94 0.00	37.70 1.97 0.00	39.45 2.13 0.00	41.37 2.35 0.00	53.39 2.99 0.00	61.40 3.55 0.00	59.85 3.39 0.00	93.46 4.98 0.00	79.08 4.52 0.00	67.64 4.20 0.00	94.25 6.11 0.00	71.69 4.73 0.00	86.08 5.79 0.00	128.05 8.43 0.00	152.51 9.34 0.00	74.76 4.33 0.00	79.66 4.77 0.00	80.85 4.48 0.00	58.71 3.12 0.00	41.05 2.26 0.00
NEG CAPITAL___MECHNVIL 23645	36.41 2.02 0.00	34.58 2.10 0.00	37.43 2.26 0.00	38.17 2.21 0.00	38.97 2.18 0.00	38.02 2.28 0.00	39.54 2.22 0.00	41.72 2.39 -0.32	53.34 2.94 0.00	61.18 3.32 0.00	59.67 3.22 0.00	93.11 4.63 0.00	78.55 4.00 0.00	67.42 3.97 0.00	93.56 5.42 0.00	71.30 4.33 0.00	85.52 5.23 0.00	127.31 7.69 0.00	152.42 9.25 0.00	75.02 4.60 0.00	80.11 5.23 0.00	81.36 4.99 0.00	59.10 3.51 0.00	41.36 2.58 0.00
NEG CENTRAL_HIGH_ACRES 23767	35.22 0.55 -0.29	32.73 0.10 -0.16	35.28 0.06 -0.04	36.15 0.17 -0.01	37.03 0.20 -0.04	35.78 0.03 -0.01	37.47 0.15 -0.01	39.06 0.05 0.00	51.11 0.35 -0.36	59.87 0.77 -1.24	58.16 0.69 -1.02	91.51 1.56 -1.47	77.53 1.28 -1.70	65.73 0.93 -1.36	90.87 1.30 -1.43	69.43 0.63 -1.84	82.24 -0.02 -1.97	121.68 -0.37 -2.43	145.76 -0.26 -2.86	72.47 -0.10 -2.15	76.77 -0.01 -1.89	78.11 0.47 -1.27	56.51 0.22 -0.70	39.30 0.20 -0.31
NEG CENTRAL___DRP 24199	35.93 0.77 -0.76	33.39 0.50 -0.43	35.79 0.51 -0.09	36.57 0.58 -0.03	37.51 0.62 -0.09	36.34 0.57 -0.03	38.03 0.69 -0.02	39.65 0.64 0.00	52.31 0.96 -0.94	62.35 1.22 -3.28	60.31 1.18 -2.69	94.58 2.23 -3.88	80.85 1.83 -4.47	68.67 1.64 -3.58	94.20 2.30 -3.76	73.32 1.51 -4.85	86.92 1.42 -5.21	128.19 2.16 -6.42	153.40 2.69 -7.55	77.45 1.36 -5.67	81.34 1.47 -4.99	81.50 1.79 -3.34	58.59 1.16 -1.84	40.41 0.81 -0.82
NEG CENTRAL___INDECK 23768	36.14 1.75 0.00	33.51 1.03 0.00	36.31 1.13 0.00	37.27 1.30 0.00	38.22 1.43 0.00	36.87 1.13 0.00	38.66 1.35 0.00	40.04 1.03 0.00	51.41 1.01 0.00	58.46 0.61 0.00	55.34 -1.11 0.00	87.16 -1.32 0.00	72.84 -1.72 0.00	62.09 -1.35 0.00	86.34 -1.81 0.00	64.91 -2.05 0.00	77.16 -3.13 0.00	115.35 -4.26 0.00	138.49 -4.68 0.00	69.16 -1.26 0.00	74.20 -0.69 0.00	76.87 0.49 0.00	56.30 0.71 0.00	40.31 1.53 0.00
NEG CENTRAL___SENECA 23627	35.88 1.11 -0.39	33.44 0.75 -0.22	35.99 0.77 -0.05	36.83 0.85 -0.02	37.77 0.94 -0.05	36.61 0.86 -0.01	38.33 1.01 -0.01	40.03 1.02 0.00	52.39 1.51 -0.48	61.37 1.85 -1.67	59.64 1.83 -1.37	93.74 3.29 -1.97	79.47 2.64 -2.27	67.58 2.31 -1.82	93.30 3.25 -1.91	71.56 2.13 -2.47	84.95 2.02 -2.65	125.83 2.96 -3.26	150.69 3.69 -3.84	75.17 1.86 -2.89	79.45 2.03 -2.53	80.52 2.46 -1.70	58.12 1.59 -0.94	40.35 1.15 -0.42
NEG CENTRAL___STATE_STREET 24147	36.44 0.96 -1.09	33.80 0.72 -0.61	36.10 0.79 -0.13	36.88 0.88 -0.04	37.76 0.83 -0.14	36.53 0.75 -0.04	38.32 0.99 -0.02	39.83 0.81 0.00	52.88 1.13 -1.35	63.99 1.45 -4.69	61.44 1.15 -3.84	96.16 2.14 -5.55	82.83 1.88 -6.39	70.32 1.75 -5.12	96.03 2.52 -5.37	75.66 1.77 -6.93	89.70 1.96 -7.44	132.31 3.53 -9.17	158.25 4.30 -10.78	80.60 2.07 -8.11	84.22 2.20 -7.12	83.66 2.52 -4.77	59.97 1.75 -2.63	41.02 1.07 -1.17
NEG MILLWOOD___DRP 24198	36.18 1.79 0.00	34.40 1.93 0.00	37.19 2.01 0.00	37.94 1.97 0.00	38.81 2.02 0.00	37.79 2.05 0.00	39.56 2.25 0.00	42.02 2.46 -0.55	53.55 3.15 0.00	61.58 3.73 0.00	60.03 3.57 0.00	93.79 5.31 0.00	79.40 4.84 0.00	67.96 4.52 0.00	94.73 6.59 0.00	72.11 5.15 0.00	86.63 6.34 0.00	128.91 9.29 0.00	153.36 10.19 0.00	75.11 4.68 0.00	80.00 5.11 0.00	81.16 4.79 0.00	58.88 3.29 0.00	41.17 2.38 0.00
NEG NORTH_FLCN_SEA 23793	35.25 0.87 0.00	33.08 0.61 0.00	35.72 0.54 0.00	36.55 0.59 0.00	37.29 0.50 0.00	36.44 0.69 0.00	38.24 0.92 0.00	40.08 1.07 0.00	51.65 1.25 0.00	58.70 0.85 0.00	56.88 0.42 0.00	88.87 0.39 0.00	73.63 -0.92 0.00	61.95 -1.50 0.00	85.46 -2.69 0.00	65.18 -1.78 0.00	78.63 -1.66 0.00	116.80 -2.81 0.00	142.10 -1.06 0.00	69.57 -0.86 0.00	74.13 -0.75 0.00	76.51 0.14 0.00	57.01 1.42 0.00	39.79 1.00 0.00
NEG NORTH_KES_CHATEGAY 23792	34.70 0.31 0.00	32.53 0.06 0.00	35.12 -0.05 0.00	36.01 0.04 0.00	36.82 0.03 0.00	35.86 0.12 0.00	37.61 0.30 0.00	39.41 0.40 0.00	50.89 0.49 0.00	58.13 0.27 0.00	56.73 0.27 0.00	88.88 0.40 0.00	74.23 -0.32 0.00	62.71 -0.73 0.00	86.80 -1.35 0.00	66.09 -0.87 0.00	79.55 -0.75 0.00	118.52 -1.09 0.00	143.20 0.04 0.00	70.09 -0.33 0.00	74.51 -0.38 0.00	76.49 0.12 0.00	56.23 0.64 0.00	39.10 0.32 0.00

NEG NORTH___ALICE_FALLS 23915	35.34 0.95 0.00	33.14 0.67 0.00	35.76 0.58 0.00	36.61 0.64 0.00	37.35 0.56 0.00	36.50 0.76 0.00	38.31 0.99 0.00	40.16 1.15 0.00	51.77 1.37 0.00	58.84 0.99 0.00	57.27 0.82 0.00	89.68 1.20 0.00	74.55 -0.01 0.00	62.88 -0.57 0.00	86.85 -1.29 0.00	66.31 -0.66 0.00	79.89 -0.41 0.00	118.60 -1.01 0.00	144.01 0.84 0.00	70.56 0.14 0.00	75.11 0.23 0.00	77.29 0.92 0.00	57.25 1.66 0.00	39.86 1.08 0.00
NEG NORTH___LWR_SARANAC 23913	35.34 0.95 0.00	33.14 0.67 0.00	35.76 0.58 0.00	36.61 0.64 0.00	37.35 0.56 0.00	36.50 0.76 0.00	38.31 0.99 0.00	40.16 1.15 0.00	51.77 1.37 0.00	58.84 0.99 0.00	57.27 0.82 0.00	89.68 1.20 0.00	74.55 -0.01 0.00	62.88 -0.57 0.00	86.85 -1.29 0.00	66.31 -0.66 0.00	79.89 -0.41 0.00	118.60 -1.01 0.00	144.01 0.84 0.00	70.56 0.14 0.00	75.11 0.23 0.00	77.29 0.92 0.00	57.25 1.66 0.00	39.86 1.08 0.00
NEG NORTH___PLATTSBURG 23628	35.34 0.95 0.00	33.13 0.66 0.00	35.76 0.58 0.00	36.61 0.64 0.00	37.35 0.56 0.00	36.50 0.76 0.00	38.31 0.99 0.00	40.16 1.15 0.00	51.77 1.37 0.00	58.84 0.99 0.00	57.27 0.82 0.00	89.68 1.20 0.00	74.55 -0.01 0.00	62.87 -0.57 0.00	86.85 -1.29 0.00	66.30 -0.66 0.00	79.89 -0.40 0.00	118.60 -1.01 0.00	144.01 0.84 0.00	70.56 0.14 0.00	75.11 0.23 0.00	77.29 0.92 0.00	57.25 1.66 0.00	39.86 1.08 0.00
NEG WEST_LEA_LOCKPORT 23791	35.56 1.17 0.00	32.94 0.47 0.00	35.78 0.61 0.00	36.84 0.87 0.00	37.76 0.97 0.00	36.21 0.47 0.00	37.89 0.58 0.00	38.97 -0.05 0.00	50.50 0.10 0.00	58.43 0.58 0.00	56.64 0.18 0.00	89.16 0.68 0.00	74.45 -0.10 0.00	62.82 -0.62 0.00	87.15 -1.00 0.00	65.44 -1.52 0.00	76.70 -3.59 0.00	113.87 -5.74 0.00	137.19 -5.97 0.00	67.80 -2.62 0.00	72.64 -2.25 0.00	75.45 -0.93 0.00	55.23 -0.35 0.00	38.92 0.14 0.00
NEG WEST___LANCASTR 23811	35.87 1.48 0.00	33.26 0.79 0.00	36.12 0.94 0.00	37.09 1.13 0.00	38.02 1.23 0.00	36.57 0.83 0.00	38.29 0.97 0.00	39.77 0.76 0.00	51.70 1.31 0.00	59.81 1.95 0.00	57.96 1.51 0.00	91.33 2.85 0.00	76.40 1.85 0.00	64.59 1.14 0.00	89.82 1.67 0.00	67.52 0.56 0.00	79.49 -0.81 0.00	118.17 -1.44 0.00	141.85 -1.31 0.00	69.98 -0.44 0.00	74.72 -0.17 0.00	77.42 1.04 0.00	56.50 0.91 0.00	39.64 0.86 0.00
NEG_PENN_ALLEGHNY 23528	35.57 0.72 -0.46	33.34 0.61 -0.26	35.94 0.71 -0.06	36.71 0.72 -0.02	37.62 0.78 -0.06	36.50 0.74 -0.02	38.14 0.82 -0.01	39.82 0.81 0.00	52.05 1.08 -0.57	61.19 1.35 -1.98	59.29 1.21 -1.63	93.05 2.22 -2.35	79.02 1.75 -2.71	67.08 1.47 -2.17	92.66 2.24 -2.28	71.38 1.48 -2.93	84.95 1.50 -3.15	125.79 2.29 -3.89	150.11 2.37 -4.57	75.07 1.21 -3.44	79.31 1.41 -3.02	80.12 1.73 -2.02	57.85 1.14 -1.12	40.14 0.86 -0.50
NEG___GEN_MONROE 24207	36.10 1.72 0.00	33.51 1.04 0.00	36.33 1.15 0.00	37.24 1.27 0.00	38.19 1.40 0.00	36.87 1.13 0.00	38.40 1.09 0.00	39.97 0.95 0.00	51.92 1.52 0.00	60.08 2.23 0.00	58.38 1.93 0.00	92.00 3.53 0.00	77.16 2.60 0.00	65.44 2.00 0.00	90.96 2.82 0.00	68.58 1.61 0.00	81.25 0.95 0.00	120.69 1.07 0.00	144.91 1.74 0.00	71.45 1.02 0.00	76.16 1.27 0.00	78.40 2.02 0.00	56.88 1.30 0.00	39.93 1.14 0.00
NEPA___ENERGY 23901	35.82 1.44 0.00	33.35 0.87 0.00	36.25 1.08 0.00	37.16 1.20 0.00	38.04 1.25 0.00	36.61 0.87 0.00	38.41 1.10 0.00	39.94 0.93 0.00	51.89 1.49 0.00	60.11 2.25 0.00	58.15 1.70 0.00	91.87 3.39 0.00	76.74 2.18 0.00	64.86 1.41 0.00	90.48 2.33 0.00	68.04 1.08 0.00	80.14 -0.15 0.00	119.03 -0.59 0.00	142.56 -0.60 0.00	70.14 -0.28 0.00	74.88 -0.01 0.00	77.88 1.51 0.00	56.85 1.26 0.00	39.90 1.11 0.00
NEVERSINK___HYD 23608	35.38 0.99 0.00	33.55 1.08 0.00	36.24 1.07 0.00	36.97 1.01 0.00	37.81 1.03 0.00	36.79 1.05 0.00	38.48 1.16 0.00	40.00 1.24 0.25	52.01 1.61 0.00	59.85 2.00 0.00	58.39 1.93 0.00	91.60 3.12 0.00	77.20 2.64 0.00	55.48 0.83 8.80	84.16 1.81 5.79	68.34 1.37 0.00	82.39 2.09 0.00	123.02 3.41 0.00	146.84 3.67 0.00	72.09 1.66 0.00	77.18 2.29 0.00	79.94 3.57 0.00	57.87 2.28 0.00	40.33 1.54 0.00
NEWKRMKL_115KV_TB1 55635	35.05 0.67 0.00	33.37 0.90 0.00	36.16 0.98 0.00	36.87 0.90 0.00	37.67 0.88 0.00	36.73 0.99 0.00	38.16 0.84 0.00	40.20 0.87 -0.32	51.41 1.01 0.00	58.93 1.07 0.00	57.35 0.90 0.00	89.31 0.84 0.00	75.38 0.83 0.00	64.47 1.03 0.00	89.50 1.36 0.00	68.13 1.16 0.00	81.71 1.42 0.00	121.76 2.15 0.00	145.35 2.18 0.00	71.56 1.14 0.00	76.42 1.53 0.00	77.52 1.15 0.00	56.50 0.91 0.00	39.69 0.91 0.00
NEWTON___FALLS_HYD 23847	35.09 0.25 -0.46	32.75 0.03 -0.25	35.24 0.01 -0.06	36.00 0.01 -0.02	36.74 -0.11 -0.06	35.52 -0.23 -0.02	37.29 -0.04 -0.01	38.90 -0.12 0.00	50.72 -0.24 -0.56	59.39 -0.41 -1.95	57.81 -0.24 -1.60	90.45 -0.34 -2.31	76.41 -0.80 -2.66	64.92 -0.66 -2.13	89.25 -1.13 -2.23	68.86 -0.98 -2.88	82.89 -0.50 -3.09	122.95 -0.47 -3.81	147.11 -0.54 -4.49	74.25 0.46 -3.37	78.09 0.24 -2.96	79.02 0.68 -1.97	57.41 0.95 -0.88	39.67 0.51 -0.38
NGRID_A1_DSASP 323792	35.35 0.96 0.00	32.55 0.07 0.00	35.11 -0.07 0.00	36.27 0.30 0.00	37.21 0.42 0.00	35.70 -0.04 0.00	37.35 0.03 0.00	38.55 -0.47 0.00	49.85 -0.55 0.00	57.55 -0.31 0.00	55.70 -0.76 0.00	87.72 -0.75 0.00	73.27 -1.29 0.00	61.71 -1.73 0.00	85.57 -2.58 0.00	64.26 -2.70 0.00	75.20 -5.09 0.00	111.77 -7.84 0.00	134.87 -8.30 0.00	66.69 -3.74 0.00	71.48 -3.41 0.00	74.32 -2.06 0.00	54.53 -1.06 0.00	38.55 -0.23 0.00
NGRID_A2_DSASP 323793	35.35 0.96 0.00	32.55 0.07 0.00	35.11 -0.07 0.00	36.27 0.30 0.00	37.21 0.42 0.00	35.70 -0.04 0.00	37.35 0.03 0.00	38.55 -0.47 0.00	49.85 -0.55 0.00	57.55 -0.31 0.00	55.70 -0.76 0.00	87.72 -0.75 0.00	73.27 -1.29 0.00	61.71 -1.73 0.00	85.57 -2.58 0.00	64.26 -2.70 0.00	75.20 -5.09 0.00	111.77 -7.84 0.00	134.87 -8.30 0.00	66.69 -3.74 0.00	71.48 -3.41 0.00	74.32 -2.06 0.00	54.53 -1.06 0.00	38.55 -0.23 0.00
NGRID_A4_DSASP 323807	35.35 0.96 0.00	32.54 0.06 0.00	35.11 -0.07 0.00	36.26 0.30 0.00	37.21 0.42 0.00	35.69 -0.05 0.00	37.35 0.03 0.00	38.55 -0.47 0.00	49.84 -0.56 0.00	57.54 -0.31 0.00	55.68 -0.77 0.00	87.73 -0.74 0.00	73.27 -1.29 0.00	61.71 -1.74 0.00	85.57 -2.58 0.00	64.26 -2.70 0.00	75.19 -5.10 0.00	111.72 -7.89 0.00	134.83 -8.33 0.00	66.68 -3.75 0.00	71.46 -3.43 0.00	74.31 -2.06 0.00	54.51 -1.08 0.00	38.55 -0.23 0.00
NIAGARA_115E_LBMP 323715	35.19 0.80 0.00	32.69 0.22 0.00	35.58 0.40 0.00	36.62 0.66 0.00	37.54 0.76 0.00	35.99 0.25 0.00	37.65 0.34 0.00	38.55 -0.47 0.00	49.92 -0.48 0.00	57.77 -0.09 0.00	55.94 -0.52 0.00	88.07 -0.40 0.00	73.57 -0.99 0.00	62.00 -1.45 0.00	86.00 -2.15 0.00	64.60 -2.36 0.00	75.63 -4.66 0.00	112.38 -7.23 0.00	135.51 -7.65 0.00	67.01 -3.41 0.00	71.81 -3.08 0.00	74.64 -1.73 0.00	54.68 -0.91 0.00	38.54 -0.25 0.00

NIAGARA_115W_LBMP 323714	35.29 0.90 0.00	32.49 0.01 0.00	35.04 -0.14 0.00	36.19 0.23 0.00	37.14 0.36 0.00	35.63 -0.11 0.00	37.28 -0.04 0.00	38.47 -0.55 0.00	49.72 -0.68 0.00	57.40 -0.45 0.00	55.54 -0.92 0.00	87.51 -0.97 0.00	73.07 -1.49 0.00	61.53 -1.91 0.00	85.32 -2.82 0.00	64.09 -2.87 0.00	74.99 -5.31 0.00	111.48 -8.13 0.00	134.51 -8.66 0.00	66.53 -3.89 0.00	71.28 -3.60 0.00	74.15 -2.23 0.00	54.41 -1.18 0.00	38.49 -0.30 0.00
NIAGARA_230_LBMP 323716	35.35 0.96 0.00	32.70 0.22 0.00	35.47 0.29 0.00	36.52 0.56 0.00	37.45 0.66 0.00	35.91 0.17 0.00	37.56 0.25 0.00	38.80 -0.22 0.00	50.34 -0.06 0.00	58.18 0.33 0.00	56.32 -0.14 0.00	88.73 0.25 0.00	74.14 -0.41 0.00	62.52 -0.93 0.00	86.70 -1.44 0.00	65.16 -1.80 0.00	76.38 -3.91 0.00	113.58 -6.04 0.00	136.91 -6.25 0.00	67.68 -2.74 0.00	72.44 -2.44 0.00	75.17 -1.21 0.00	55.02 -0.57 0.00	38.75 -0.04 0.00
NIAGARA__115KV_198_GIBSON 55903	35.29 0.90 0.00	32.48 0.00 0.00	35.03 -0.14 0.00	36.19 0.23 0.00	37.14 0.35 0.00	35.62 -0.12 0.00	37.28 -0.04 0.00	38.47 -0.54 0.00	49.72 -0.68 0.00	57.41 -0.45 0.00	55.54 -0.91 0.00	87.52 -0.95 0.00	73.07 -1.49 0.00	61.52 -1.93 0.00	85.31 -2.83 0.00	64.07 -2.89 0.00	74.97 -5.32 0.00	111.45 -8.16 0.00	134.48 -8.69 0.00	66.51 -3.92 0.00	71.27 -3.62 0.00	74.13 -2.25 0.00	54.40 -1.19 0.00	38.48 -0.31 0.00
NIAGARA____ 23760	35.25 0.87 0.00	32.62 0.14 0.00	35.27 0.09 0.00	36.39 0.43 0.00	37.36 0.57 0.00	35.83 0.09 0.00	37.50 0.18 0.00	38.65 -0.36 0.00	50.07 -0.33 0.00	57.86 0.01 0.00	56.02 -0.43 0.00	88.23 -0.24 0.00	73.71 -0.84 0.00	62.13 -1.32 0.00	86.17 -1.98 0.00	64.74 -2.23 0.00	75.83 -4.46 0.00	112.73 -6.88 0.00	135.94 -7.22 0.00	67.21 -3.21 0.00	71.95 -2.93 0.00	74.74 -1.63 0.00	54.72 -0.87 0.00	38.57 -0.21 0.00
NINE_MILE_1 23575	26.71 -0.90 6.78	27.77 -0.93 3.77	33.32 -1.02 0.84	34.68 -1.02 0.27	34.91 -1.04 0.83	34.46 -1.03 0.25	36.13 -1.05 0.13	37.89 -1.13 0.00	40.62 -1.40 8.38	27.26 -1.53 29.07	31.16 -1.49 23.80	51.90 -2.15 34.42	33.15 -1.78 39.63	30.18 -1.49 31.78	52.81 -2.03 33.31	22.35 -1.63 42.98	32.05 -2.09 46.15	59.60 -3.11 56.90	72.53 -3.74 66.89	18.28 -1.84 50.30	28.77 -1.91 44.21	44.93 -1.86 29.58	37.96 -1.42 16.21	30.56 -1.00 7.23
NINE_MILE_2 23744	26.61 -0.90 6.88	27.72 -0.93 3.83	33.31 -1.01 0.85	34.67 -1.02 0.27	34.90 -1.04 0.85	34.46 -1.03 0.25	36.13 -1.05 0.14	37.89 -1.13 0.00	40.50 -1.40 8.51	26.82 -1.53 29.51	30.80 -1.49 24.16	51.38 -2.15 34.94	32.56 -1.78 40.23	29.70 -2.03 32.26	52.31 -1.63 33.81	21.71 -1.63 43.62	31.36 -2.09 46.85	58.74 -3.11 57.76	71.52 -3.74 67.90	17.53 -1.83 51.06	28.11 -1.91 44.88	44.48 -1.86 30.03	37.71 -1.42 16.46	30.46 -1.00 7.33
NM_CAPITAL____DRP 24208	35.13 0.74 0.00	33.46 0.98 0.00	36.25 1.08 0.00	36.96 1.00 0.00	37.77 0.98 0.00	36.83 1.09 0.00	38.24 0.93 0.00	40.28 0.94 -0.33	51.47 1.07 0.00	59.00 1.15 0.00	57.37 0.91 0.00	89.32 0.84 0.00	75.38 0.83 0.00	64.50 1.06 0.00	89.50 1.36 0.00	68.14 1.17 0.00	81.77 1.48 0.00	121.86 2.25 0.00	145.52 2.36 0.00	71.65 1.23 0.00	76.53 1.64 0.00	77.65 1.27 0.00	56.59 1.00 0.00	39.76 0.98 0.00
NM_CENTRAL____DRP 24181	34.94 -0.10 -0.66	32.63 -0.20 -0.36	35.01 -0.25 -0.08	35.75 -0.24 -0.03	36.62 -0.25 -0.08	35.52 -0.24 -0.02	37.10 -0.22 -0.01	38.77 -0.25 0.00	51.00 -0.21 -0.81	60.58 -0.09 -2.81	58.70 -0.05 -2.30	92.04 0.23 -3.33	78.66 0.27 -3.83	66.80 0.28 -3.07	91.84 0.47 -3.22	71.36 0.24 -4.16	84.87 0.11 -4.46	125.24 0.12 -5.50	149.70 0.06 -6.47	75.28 -0.01 -4.86	79.17 0.01 -4.27	79.33 0.10 -2.86	57.10 -0.05 -1.56	39.42 -0.06 -0.69
NM_FRONTIER____DRP 24179	35.29 0.90 0.00	32.48 0.00 0.00	35.03 -0.14 0.00	36.19 0.23 0.00	37.14 0.35 0.00	35.62 -0.12 0.00	37.28 -0.04 0.00	38.47 -0.54 0.00	49.72 -0.68 0.00	57.41 -0.45 0.00	55.54 -0.91 0.00	87.52 -0.95 0.00	73.07 -1.49 0.00	61.52 -1.93 0.00	85.31 -2.83 0.00	64.07 -2.89 0.00	74.97 -5.32 0.00	111.45 -8.16 0.00	134.48 -8.69 0.00	66.51 -3.92 0.00	71.27 -3.62 0.00	74.13 -2.25 0.00	54.40 -1.19 0.00	38.48 -0.31 0.00
NM_ST_REGIS____HYD 24053	34.74 0.15 -0.20	32.50 -0.09 -0.12	35.08 -0.12 -0.03	35.89 -0.09 -0.01	36.60 -0.21 -0.03	35.35 -0.40 -0.01	37.09 -0.23 0.00	38.74 -0.28 0.00	50.26 -0.39 -0.25	58.22 -0.52 -0.88	56.96 -0.22 -0.72	89.26 -0.26 -1.04	74.84 -0.92 -1.20	63.31 -1.11 -0.96	87.45 -1.71 -1.01	67.04 -1.23 -1.30	80.57 -1.12 -1.40	119.75 -1.60 -1.73	144.11 -1.09 -2.03	71.44 -0.51 -1.53	75.33 -0.90 -1.34	76.69 -0.55 -0.87	55.97 0.34 -0.05	38.91 0.13 0.00
NORTHPORT____1 23551	36.46 2.08 0.00	34.68 2.21 0.00	37.43 2.26 0.00	38.27 2.30 0.00	39.25 2.46 0.00	38.18 2.44 0.00	40.00 2.68 0.00	43.03 2.61 -1.40	53.56 3.16 0.00	60.42 2.57 0.00	58.38 1.92 0.00	68.89 1.49 21.08	44.12 2.00 32.44	65.70 2.25 0.00	91.46 3.94 0.63	56.96 2.89 12.89	84.38 4.09 0.00	130.66 6.27 -4.78	154.52 5.65 -5.70	77.06 2.57 -4.06	81.06 3.16 -3.01	75.78 2.50 3.09	57.79 2.43 0.23	43.12 2.64 -1.70
NORTHPORT____2 23552	36.46 2.08 0.00	34.68 2.21 0.00	37.43 2.26 0.00	38.27 2.30 0.00	39.25 2.46 0.00	38.18 2.44 0.00	40.00 2.68 0.00	43.03 2.61 -1.40	53.56 3.16 0.00	60.42 2.57 0.00	58.38 1.92 0.00	68.89 1.49 21.08	44.12 2.00 32.44	65.70 2.25 0.00	91.46 3.94 6.32	56.96 2.89 12.89	84.38 4.09 0.00	113.02 6.27 12.87	133.53 5.65 15.29	61.24 2.57 11.75	66.61 3.16 11.43	75.78 2.50 3.09	57.79 2.43 0.23	43.12 2.64 -1.70
NORTHPORT____3 23553	36.43 2.04 0.00	34.61 2.14 0.00	37.36 2.18 0.00	38.16 2.20 0.00	39.12 2.33 0.00	38.08 2.34 0.00	39.87 2.56 0.00	42.96 2.55 -1.40	53.44 3.03 0.00	60.16 2.31 0.00	58.18 1.73 0.00	69.05 1.66 21.08	44.24 2.08 32.40	65.90 2.45 0.00	85.99 4.17 6.33	57.14 3.07 12.89	84.58 4.29 0.00	113.12 6.38 12.87	133.66 5.80 15.30	61.24 2.58 11.76	66.51 3.06 11.44	75.67 2.41 3.11	57.54 2.11 0.15	43.01 2.53 -1.70
NORTHPORT____4 23650	36.43 2.04 0.00	34.61 2.14 0.00	37.36 2.18 0.00	38.16 2.20 0.00	39.12 2.33 0.00	38.08 2.34 0.00	39.87 2.56 0.00	42.96 2.55 -1.40	53.44 3.03 0.00	60.16 2.31 0.00	58.18 1.73 0.00	69.05 1.66 21.08	44.24 2.08 32.40	65.90 2.45 0.00	85.99 4.17 6.33	57.14 3.07 12.89	84.58 4.29 0.00	113.12 6.38 12.87	133.66 5.80 15.30	61.24 2.58 11.76	66.51 3.06 11.44	75.67 2.41 3.11	57.54 2.11 0.15	43.01 2.53 -1.70
NORTHPORT____IC 23718	36.46 2.08 0.00	34.68 2.21 0.00	37.43 2.26 0.00	38.27 2.30 0.00	39.25 2.46 0.00	38.18 2.44 0.00	40.00 2.68 0.00	43.03 2.61 -1.40	53.56 3.16 0.00	60.42 2.57 0.00	58.38 1.92 0.00	68.89 1.49 21.08	44.12 2.00 32.44	65.70 2.25 0.00	91.46 3.94 6.32	56.96 2.89 12.89	84.38 4.09 0.00	113.02 6.27 12.87	133.53 5.65 15.29	61.24 2.57 11.75	66.61 3.16 11.43	75.78 2.50 3.09	57.79 2.43 0.23	43.12 2.64 -1.70

NORTH____COUNTRY_ESR 323785	34.62 0.24 0.00	32.46 -0.01 0.00	35.04 -0.13 0.00	35.93 -0.04 0.00	36.74 -0.04 0.00	35.79 0.05 0.00	37.52 0.21 0.00	39.33 0.32 0.00	50.78 0.38 0.00	58.03 0.17 0.00	56.62 0.17 0.00	88.72 0.25 0.00	74.14 -0.42 0.00	62.63 -0.82 0.00	86.70 -1.44 0.00	65.99 -0.97 0.00	79.42 -0.87 0.00	118.29 -1.32 0.00	142.89 -0.28 0.00	69.92 -0.50 0.00	74.30 -0.59 0.00	76.28 -0.09 0.00	56.08 0.49 0.00	39.00 0.21 0.00
NPX_GEN_1385_PROXY 323591	36.30 1.91 0.00	34.69 2.22 0.00	37.67 2.50 0.00	38.93 2.96 0.00	39.96 3.17 0.00	38.91 3.17 0.00	40.69 3.37 0.00	43.09 2.67 -1.40	53.51 3.11 0.00	60.02 2.16 0.00	59.79 1.95 -1.38	69.31 1.91 21.08	44.52 2.40 32.44	66.96 3.51 0.00	92.43 5.95 1.67	58.03 3.95 12.89	86.19 5.89 0.00	130.28 9.11 -1.56	153.77 8.74 -1.86	79.10 4.33 -4.35	84.51 4.99 -4.63	77.22 3.94 3.09	64.65 4.02 -5.05	43.76 3.45 -1.53
NPX_GEN_CSC 323557	36.78 2.39 0.00	34.88 2.41 0.00	37.50 2.32 0.00	38.22 2.25 0.00	39.32 2.53 0.00	38.26 2.53 0.00	39.98 2.67 0.00	43.01 2.60 -1.40	53.40 3.01 0.00	60.65 2.80 0.00	60.79 2.95 -1.38	91.83 3.36 0.00	78.20 3.53 -0.11	67.04 3.59 0.00	156.52 6.12 -62.25	199.26 4.67 -127.63	86.06 5.76 -0.01	190.65 8.78 -62.25	219.22 8.45 -67.60	152.74 4.25 -78.07	209.17 5.18 -129.11	77.81 4.38 2.95	64.89 3.68 -5.62	43.71 3.39 -1.53
NSINS_S_GLNS_FALLS 23858	36.62 2.23 0.00	34.78 2.31 0.00	37.63 2.45 0.00	38.36 2.39 0.00	39.13 2.35 0.00	38.23 2.49 0.00	39.77 2.45 0.00	42.01 2.69 -0.31	53.66 3.26 0.00	61.53 3.67 0.00	60.02 3.56 0.00	93.71 5.24 0.00	78.77 4.21 0.00	67.94 4.50 0.00	94.02 5.87 0.00	71.90 4.94 0.00	86.11 5.81 0.00	128.09 8.48 0.00	153.89 10.72 0.00	75.56 5.14 0.00	80.90 6.02 0.00	82.43 6.06 0.00	59.79 4.20 0.00	41.80 3.02 0.00
NUCOR_STEEL____DRP 24197	36.28 0.71 -1.18	33.63 0.50 -0.66	35.84 0.51 -0.15	36.61 0.60 -0.05	37.49 0.56 -0.14	36.31 0.52 -0.04	38.03 0.69 -0.02	39.49 0.48 0.00	52.54 0.68 -1.46	63.79 0.86 -5.07	61.45 0.85 -4.15	96.16 1.68 -6.00	82.93 1.46 -6.91	70.33 1.34 -5.54	95.91 1.95 -5.81	75.83 1.38 -7.50	89.81 1.46 -8.05	131.81 2.28 -9.93	157.57 2.73 -11.67	80.53 1.33 -8.77	84.04 1.44 -7.71	83.34 1.80 -5.16	59.68 1.25 -2.85	40.73 0.68 -1.27
NUMBER_THREE_WT_PWR 323818	35.68 0.72 -0.58	33.28 0.49 -0.32	35.71 0.46 -0.07	36.45 0.46 -0.02	37.28 0.42 -0.07	36.16 0.40 -0.02	37.94 0.61 -0.01	39.59 0.57 0.00	51.76 0.65 -0.72	60.90 0.56 -2.48	59.20 0.71 -2.03	92.53 1.12 -2.94	78.53 0.60 -3.38	66.86 0.71 -2.71	91.73 0.74 -2.84	70.89 0.27 -3.67	85.40 1.18 -3.94	126.37 1.91 -4.86	150.33 1.45 -5.71	76.80 2.09 -4.29	80.74 2.08 -3.77	81.52 2.65 -2.51	58.73 2.02 -1.12	40.48 1.21 -0.49
NYISO_LBMP_REFERENCE 24008	34.39 0.00 0.00	32.47 0.00 0.00	35.18 0.00 0.00	35.97 0.00 0.00	36.79 0.00 0.00	35.74 0.00 0.00	37.32 0.00 0.00	39.01 0.00 0.00	50.40 0.00 0.00	57.86 0.00 0.00	56.45 0.00 0.00	88.48 0.00 0.00	74.56 0.00 0.00	63.45 0.00 0.00	88.15 0.00 0.00	66.96 0.00 0.00	80.29 0.00 0.00	119.61 0.00 0.00	143.17 0.00 0.00	70.42 0.00 0.00	74.89 0.00 0.00	76.37 0.00 0.00	55.59 0.00 0.00	38.78 0.00 0.00
NYPA_BRENTWD____GT 24164	37.05 2.67 0.00	35.20 2.72 0.00	37.93 2.76 0.00	38.74 2.78 0.00	39.73 2.94 0.00	38.64 2.90 0.00	40.50 3.18 0.00	43.63 3.22 -1.40	54.33 3.93 0.00	61.61 3.76 0.00	59.68 3.22 0.00	91.82 3.34 0.00	79.31 3.75 -1.00	67.01 3.55 0.00	106.60 5.75 -12.70	97.15 4.10 -26.08	85.83 5.54 0.00	137.92 8.27 -10.04	162.55 8.16 -11.23	88.80 3.72 -14.66	106.44 4.64 -26.92	77.72 4.11 2.77	62.22 3.77 -2.86	43.93 3.44 -1.70
NYPA_GOWANUS____GT5 24156	35.77 1.38 0.00	34.08 1.61 0.00	36.88 1.71 0.00	37.66 1.70 0.00	38.55 1.76 0.00	37.52 1.78 0.00	39.39 2.08 0.00	42.78 2.35 -1.41	56.12 2.97 -2.75	60.06 3.31 1.10	59.19 2.73 0.00	92.46 3.98 0.00	78.30 3.75 0.00	66.85 3.40 0.00	93.47 5.32 0.00	70.94 3.98 0.00	85.36 5.06 0.00	126.85 7.24 0.00	150.51 7.34 0.00	73.88 3.45 0.00	78.98 4.09 -0.01	80.18 3.79 -0.02	59.32 2.55 -1.19	40.67 1.89 0.00
NYPA_GOWANUS____GT6 24157	35.77 1.38 0.00	34.08 1.61 0.00	36.88 1.71 0.00	37.66 1.70 0.00	38.55 1.76 0.00	37.52 1.78 0.00	39.39 2.08 0.00	42.78 2.35 -1.41	56.12 2.97 -2.75	60.06 3.31 1.10	59.19 2.73 0.00	92.46 3.98 0.00	78.30 3.75 0.00	66.85 3.40 0.00	93.47 5.32 0.00	70.94 3.98 0.00	85.36 5.06 0.00	126.85 7.24 0.00	150.51 7.34 0.00	73.88 3.45 0.00	78.98 4.09 -0.01	80.18 3.79 -0.02	59.32 2.55 -1.19	40.67 1.89 0.00
NYPA_HARLEM_RVR_GT1 24160	35.74 1.35 0.00	34.05 1.57 0.00	36.83 1.65 0.00	37.57 1.61 0.00	38.47 1.68 0.00	37.48 1.74 0.00	39.21 1.90 0.00	42.49 2.06 -1.41	52.93 2.53 0.00	60.72 2.86 0.00	58.89 2.43 0.00	91.92 3.44 0.00	77.82 3.26 0.00	66.56 3.11 0.00	93.01 4.87 0.00	70.67 3.71 0.00	85.06 4.77 0.00	126.51 6.90 0.00	150.16 7.00 0.00	73.57 3.15 0.00	78.59 3.70 0.00	79.77 3.39 0.00	57.90 2.32 0.00	40.52 1.74 0.00
NYPA_HARLEM_RVR_GT2 24161	35.74 1.35 0.00	34.05 1.57 0.00	36.83 1.65 0.00	37.57 1.61 0.00	38.47 1.68 0.00	37.48 1.74 0.00	39.21 1.90 0.00	42.49 2.06 -1.41	52.93 2.53 0.00	60.72 2.86 0.00	58.89 2.43 0.00	91.92 3.44 0.00	77.82 3.26 0.00	66.56 3.11 0.00	93.01 4.87 0.00	70.67 3.71 0.00	85.06 4.77 0.00	126.51 6.90 0.00	150.16 7.00 0.00	73.57 3.15 0.00	78.59 3.70 0.00	79.77 3.39 0.00	57.90 2.32 0.00	40.52 1.74 0.00
NYPA_KENT____GT 24152	35.73 1.34 0.00	34.06 1.59 0.00	36.88 1.70 0.00	37.67 1.71 0.00	38.56 1.78 0.00	37.54 1.80 0.00	39.43 2.11 0.00	42.78 2.36 -1.41	53.32 2.92 0.00	61.05 3.20 0.00	59.10 2.65 0.00	92.28 3.80 0.00	78.13 3.57 0.00	66.75 3.30 0.00	93.28 5.14 0.00	70.83 3.87 0.00	85.24 4.95 0.00	126.69 7.07 0.00	150.34 7.17 0.00	73.72 3.30 0.00	78.75 3.86 0.00	79.95 3.57 -0.01	58.42 2.37 -0.46	40.59 1.80 0.00
NYPA_POUCH1____GT 24155	35.50 1.30 0.19	33.82 1.52 0.18	36.46 1.61 0.32	37.23 1.60 0.33	37.99 1.65 0.45	36.68 1.67 0.73	38.40 1.96 0.88	41.76 2.25 -0.49	49.73 2.83 3.50	44.47 3.11 16.50	59.02 2.56 0.00	92.22 3.75 0.00	78.14 3.59 0.00	66.73 3.28 0.00	93.37 5.22 0.00	70.81 3.85 0.00	85.24 4.95 0.00	126.73 7.11 0.00	150.37 7.20 0.00	73.86 3.44 0.00	78.98 4.09 -0.01	80.12 3.73 -0.02	59.29 2.51 -1.19	40.65 1.86 -0.01
NYPA_VERNON____GT2 24162	35.66 1.28 0.00	34.02 1.55 0.00	36.84 1.67 0.00	37.66 1.69 0.00	38.55 1.76 0.00	37.55 1.82 0.00	39.42 2.11 0.00	42.75 2.33 -1.41	53.23 2.84 0.00	60.98 3.13 0.00	59.07 2.61 0.00	92.19 3.71 0.00	78.03 3.47 0.00	66.70 3.25 0.00	93.17 5.02 0.00	70.79 3.83 0.00	85.17 4.88 0.00	126.62 7.00 0.00	150.31 7.14 0.00	73.63 3.21 0.00	78.59 3.70 0.00	79.78 3.40 0.00	57.58 2.25 0.26	40.48 1.70 0.00

NYPY_VERNON____GT3 24163	35.66 1.28 0.00	34.02 1.55 0.00	36.84 1.67 0.00	37.66 1.69 0.00	38.55 1.76 0.00	37.55 1.82 0.00	39.42 2.11 0.00	42.75 2.33 -1.41	53.23 2.84 0.00	60.98 3.13 0.00	59.07 2.61 0.00	92.19 3.71 0.00	78.03 3.47 0.00	66.70 3.25 0.00	93.17 5.02 0.00	70.79 3.83 0.00	85.17 4.88 0.00	126.62 7.00 0.00	150.31 7.14 0.00	73.63 3.21 0.00	78.59 3.70 0.00	79.78 3.40 0.00	57.58 2.25 0.26	40.48 1.70 0.00
NYPY____ASTORIA_CC1 323568	35.62 1.24 0.00	33.97 1.51 0.00	36.80 1.62 0.00	37.60 1.63 0.00	38.48 1.69 0.00	37.50 1.76 0.00	39.39 2.07 0.00	42.70 2.27 -1.41	53.15 2.75 0.00	60.88 3.02 0.00	58.95 2.50 0.00	92.00 3.53 0.00	77.86 3.30 0.00	66.58 3.13 0.00	92.99 4.85 0.00	70.66 3.70 0.00	85.02 4.73 0.00	126.40 6.78 0.00	150.04 6.88 0.00	73.50 3.08 0.00	78.46 3.58 0.00	79.64 3.27 0.00	57.09 2.15 0.64	40.41 1.63 0.00
NYPY____ASTORIA_CC2 323569	35.62 1.24 0.00	33.97 1.51 0.00	36.80 1.62 0.00	37.60 1.63 0.00	38.48 1.69 0.00	37.50 1.76 0.00	39.39 2.07 0.00	42.70 2.27 -1.41	53.15 2.75 0.00	60.88 3.02 0.00	58.95 2.50 0.00	92.00 3.53 0.00	77.86 3.30 0.00	66.58 3.13 0.00	92.99 4.85 0.00	70.66 3.70 0.00	85.02 4.73 0.00	126.40 6.78 0.00	150.04 6.88 0.00	73.50 3.08 0.00	78.46 3.58 0.00	79.64 3.27 0.00	57.09 2.15 0.64	40.41 1.63 0.00
NYPY____HOLTSVILL 23794	36.80 2.41 0.00	34.93 2.46 0.00	37.64 2.46 0.00	38.40 2.43 0.00	39.41 2.63 0.00	38.35 2.61 0.00	40.14 2.83 0.00	43.23 2.82 -1.40	53.81 3.41 0.00	60.99 3.14 0.00	59.24 2.78 0.00	91.40 2.93 0.00	77.94 3.28 -0.10	66.83 3.39 0.00	154.65 5.52 -60.99	196.13 4.10 -125.07	85.72 5.42 -0.01	186.76 8.23 -58.92	218.90 8.03 -67.71	149.44 3.75 -75.27	206.40 4.48 -127.03	77.23 3.81 2.96	59.20 3.31 -0.31	43.65 3.17 -1.70
NYPY____HELLGATE_GT1 24158	35.74 1.35 0.00	34.05 1.57 0.00	36.83 1.65 0.00	37.57 1.61 0.00	38.47 1.68 0.00	37.48 1.74 0.00	39.22 1.90 0.00	42.52 2.09 -1.41	52.96 2.56 0.00	60.78 2.92 0.00	58.93 2.48 0.00	91.99 3.52 0.00	77.88 3.32 0.00	66.61 3.17 0.00	93.08 4.94 0.00	70.73 3.77 0.00	85.12 4.83 0.00	126.59 6.98 0.00	150.27 7.11 0.00	73.63 3.21 0.00	78.65 3.77 0.00	79.83 3.46 0.00	57.94 2.36 0.00	40.55 1.77 0.00
NYPY____HELLGATE_GT2 24159	35.74 1.35 0.00	34.05 1.57 0.00	36.83 1.65 0.00	37.57 1.61 0.00	38.47 1.68 0.00	37.48 1.74 0.00	39.22 1.90 0.00	42.52 2.09 -1.41	52.96 2.56 0.00	60.78 2.92 0.00	58.93 2.48 0.00	91.99 3.52 0.00	77.88 3.32 0.00	66.61 3.17 0.00	93.08 4.94 0.00	70.73 3.77 0.00	85.12 4.83 0.00	126.59 6.98 0.00	150.27 7.11 0.00	73.63 3.21 0.00	78.65 3.77 0.00	79.83 3.46 0.00	57.94 2.36 0.00	40.55 1.77 0.00
NYS_BARGE____HYD 23848	35.65 1.27 0.00	33.05 0.58 0.00	35.89 0.72 0.00	36.95 0.98 0.00	37.87 1.09 0.00	36.32 0.58 0.00	38.03 0.71 0.00	39.07 0.06 0.00	50.65 0.25 0.00	58.63 0.78 0.00	56.86 0.40 0.00	89.49 1.02 0.00	74.75 0.19 0.00	63.08 -0.37 0.00	87.53 -0.61 0.00	65.74 -1.22 0.00	77.07 -3.22 0.00	114.39 -5.23 0.00	137.74 -5.42 0.00	68.09 -2.33 0.00	72.95 -1.94 0.00	75.75 -0.62 0.00	55.44 -0.14 0.00	39.07 0.28 0.00
OAK ORCHARD____HYD 24046	35.69 1.30 0.00	33.21 0.74 0.00	35.95 0.78 0.00	36.89 0.92 0.00	37.77 0.99 0.00	36.44 0.70 0.00	38.14 0.83 0.00	39.71 0.70 0.00	51.58 1.18 0.00	59.59 1.74 0.00	57.94 1.49 0.00	91.32 2.84 0.00	76.74 2.18 0.00	65.06 1.61 0.00	90.45 2.30 0.00	68.25 1.29 0.00	80.84 0.54 0.00	120.18 0.56 0.00	144.18 1.01 0.00	71.05 0.63 0.00	75.75 0.86 0.00	77.92 1.55 0.00	56.69 1.10 0.00	39.71 0.92 0.00
OAKDALE__35_KV_LOAD 356122	35.42 0.59 -0.45	33.20 0.48 -0.25	35.81 0.57 -0.06	36.58 0.59 -0.02	37.48 0.63 -0.06	36.34 0.59 -0.02	37.97 0.64 -0.01	39.63 0.62 0.00	51.81 0.86 -0.56	60.86 1.08 -1.93	58.95 0.91 -1.58	92.47 1.71 -2.29	78.50 1.31 -2.63	66.64 1.09 -2.11	92.03 1.68 -2.21	70.89 1.08 -2.85	84.35 0.99 -3.06	124.89 1.50 -3.78	149.06 1.46 -4.44	74.54 0.78 -3.34	78.79 0.97 -2.94	79.62 1.28 -1.96	57.52 0.85 -1.08	39.93 0.66 -0.48
OCC_CHEM____DRP 24175	35.35 0.96 0.00	32.54 0.06 0.00	35.11 -0.07 0.00	36.26 0.30 0.00	37.21 0.42 0.00	35.69 -0.05 0.00	37.35 0.03 0.00	38.55 -0.47 0.00	49.84 -0.56 0.00	57.54 -0.31 0.00	55.68 -0.77 0.00	87.73 -0.74 0.00	73.27 -1.29 0.00	61.71 -1.74 0.00	85.57 -2.58 0.00	64.26 -2.70 0.00	75.19 -5.10 0.00	111.72 -7.89 0.00	134.83 -8.33 0.00	66.68 -3.75 0.00	71.46 -3.43 0.00	74.31 -2.06 0.00	54.51 -1.08 0.00	38.55 -0.23 0.00
OH_GEN_PROXY 24063	35.32 0.93 0.00	32.69 0.22 0.00	35.47 0.29 0.00	36.51 0.55 0.00	37.44 0.65 0.00	35.91 0.17 0.00	37.58 0.27 0.00	38.85 -0.16 0.00	50.43 0.03 0.00	58.25 0.40 0.00	57.80 -0.04 -1.38	88.87 0.40 0.00	74.25 -0.30 0.00	62.64 -0.80 0.00	86.89 -1.25 0.00	65.31 -1.65 0.00	76.60 -3.70 0.00	113.93 -5.68 0.00	137.27 -5.90 0.00	67.85 -2.58 0.00	72.59 -2.29 0.00	75.28 -1.09 0.00	60.34 -0.53 -5.29	38.58 -0.03 0.17
OLIN_CORP_DRP 24177	35.25 0.86 0.00	32.71 0.23 0.00	35.60 0.42 0.00	36.65 0.68 0.00	37.56 0.77 0.00	36.01 0.27 0.00	37.69 0.37 0.00	38.63 -0.38 0.00	50.04 -0.36 0.00	57.90 0.04 0.00	56.07 -0.39 0.00	88.32 -0.16 0.00	73.75 -0.81 0.00	62.15 -1.30 0.00	86.22 -1.93 0.00	64.75 -2.21 0.00	75.82 -4.47 0.00	112.65 -6.96 0.00	135.86 -7.30 0.00	67.17 -3.25 0.00	71.97 -2.91 0.00	74.81 -1.57 0.00	54.79 -0.80 0.00	38.60 -0.18 0.00
OLIN_CORP_DSASP 323712	35.35 0.96 0.00	32.55 0.07 0.00	35.11 -0.07 0.00	36.27 0.30 0.00	37.21 0.42 0.00	35.70 -0.04 0.00	37.35 0.03 0.00	38.55 -0.47 0.00	49.85 -0.55 0.00	57.55 -0.31 0.00	55.70 -0.76 0.00	87.72 -0.75 0.00	73.27 -1.29 0.00	61.71 -1.73 0.00	85.57 -2.58 0.00	64.26 -2.70 0.00	75.20 -5.09 0.00	111.77 -7.84 0.00	134.87 -8.30 0.00	66.69 -3.74 0.00	71.48 -3.41 0.00	74.32 -2.06 0.00	54.53 -1.06 0.00	38.55 -0.23 0.00
ONEIDA_HERK_LFGE 323681	35.48 0.86 -0.23	33.33 0.74 -0.13	35.93 0.73 -0.03	36.69 0.72 -0.01	37.56 0.74 -0.03	36.52 0.77 -0.01	38.17 0.85 0.00	39.91 0.89 0.00	51.87 1.19 -0.28	60.18 1.34 -0.99	58.83 1.57 -0.80	92.27 2.63 -1.17	78.03 2.13 -1.34	66.52 1.99 -1.08	92.06 2.78 -1.13	70.40 1.98 -1.46	84.48 2.63 -1.57	125.19 3.65 -1.93	149.72 4.28 -2.27	74.68 2.55 -1.71	79.07 2.68 -1.50	80.23 2.86 -1.00	58.01 1.95 -0.47	40.22 1.23 -0.21
ONEIDA____115KV_TB4 55905	35.76 1.02 -0.35	33.53 0.86 -0.20	36.09 0.87 -0.04	36.84 0.86 -0.01	37.73 0.90 -0.04	36.68 0.93 -0.01	38.33 1.00 -0.01	40.07 1.06 0.00	52.24 1.41 -0.43	61.07 1.71 -1.51	59.59 1.91 -1.23	93.55 3.29 -1.78	79.45 2.84 -2.05	67.72 2.63 -1.65	93.53 3.66 -1.72	71.83 2.65 -2.23	85.89 3.21 -2.39	127.25 4.69 -2.95	152.28 5.65 -3.46	76.05 3.03 -2.60	80.46 3.29 -2.29	81.29 3.38 -1.53	58.59 2.19 -0.81	40.53 1.39 -0.36

ONONDAGA_REF_OCCRA 23987	35.32 0.14 -0.80	32.94 0.02 -0.44	35.27 0.00 -0.10	36.00 0.00 -0.03	36.90 0.01 -0.10	35.78 0.01 -0.03	37.38 0.05 -0.02	39.04 0.03 0.00	51.52 0.14 -0.98	61.54 0.27 -3.41	59.55 0.30 -2.79	93.33 0.81 -4.04	79.96 0.75 -4.66	67.85 0.68 -3.73	93.09 1.04 -3.91	72.70 0.69 -5.05	86.42 0.71 -5.42	127.31 1.01 -6.68	152.16 1.14 -7.85	76.88 0.55 -5.91	80.67 0.59 -5.19	80.56 0.72 -3.47	57.89 0.40 -1.90	39.88 0.25 -0.85
ONONDAGA___COGEN 23986	35.69 0.07 -1.22	33.11 -0.04 -0.68	35.26 -0.07 -0.15	35.96 -0.05 -0.05	36.88 -0.06 -0.15	35.74 -0.04 -0.04	37.34 0.00 -0.02	38.94 -0.08 0.00	51.86 -0.05 -1.51	63.05 -0.05 -5.25	60.70 -0.05 -4.30	94.91 0.22 -6.21	81.91 0.20 -7.15	69.42 0.24 -5.73	94.60 0.44 -6.01	74.97 0.26 -7.76	88.80 0.17 -8.33	130.08 0.20 -10.27	155.39 0.15 -12.08	79.54 0.04 -9.08	82.90 0.03 -7.98	81.91 0.19 -5.34	58.66 0.12 -2.95	40.19 0.09 -1.32
ONTARIO___LFGE 23819	35.88 1.11 -0.39	33.45 0.76 -0.22	35.99 0.77 -0.05	36.83 0.85 -0.02	37.78 0.94 -0.05	36.61 0.86 -0.01	38.33 1.01 -0.01	40.03 1.02 0.00	52.39 1.51 -0.48	61.37 1.85 -1.67	59.65 1.82 -1.37	93.74 3.29 -1.97	79.46 2.64 -2.27	67.58 2.31 -1.82	93.30 3.25 -1.91	71.56 2.14 -2.47	84.95 2.01 -2.65	125.84 2.97 -3.26	150.67 3.67 -3.84	75.17 1.86 -2.89	79.45 2.02 -2.53	80.53 2.45 -1.70	58.12 1.59 -0.94	40.35 1.15 -0.42
ORANGEVILLE_WT_PWR 323706	35.81 1.42 0.00	33.21 0.73 0.00	35.96 0.78 0.00	37.04 1.07 0.00	38.02 1.23 0.00	36.62 0.88 0.00	38.29 0.97 0.00	39.70 0.69 0.00	51.55 1.15 0.00	59.54 1.69 0.00	57.71 1.26 0.00	90.79 2.31 0.00	75.92 1.36 0.00	64.24 0.80 0.00	89.33 1.19 0.00	67.27 0.31 0.00	79.40 -0.90 0.00	117.93 -1.68 0.00	141.53 -1.63 0.00	69.78 -0.64 0.00	74.77 -0.11 0.00	77.36 0.98 0.00	56.52 0.93 0.00	39.71 0.93 0.00
ORANGEVILLE___ESR 323794	35.81 1.42 0.00	33.21 0.73 0.00	35.96 0.78 0.00	37.04 1.07 0.00	38.02 1.23 0.00	36.62 0.88 0.00	38.29 0.97 0.00	39.70 0.69 0.00	51.55 1.15 0.00	59.54 1.69 0.00	57.71 1.26 0.00	90.79 2.31 0.00	75.92 1.36 0.00	64.24 0.80 0.00	89.33 1.19 0.00	67.27 0.31 0.00	79.40 -0.90 0.00	117.93 -1.68 0.00	141.53 -1.63 0.00	69.78 -0.64 0.00	74.77 -0.11 0.00	77.36 0.98 0.00	56.52 0.93 0.00	39.71 0.93 0.00
OSWEGATCHIE___HYD 24044	35.10 0.25 -0.46	32.75 0.03 -0.25	35.24 0.01 -0.06	36.00 0.02 -0.02	36.74 -0.10 -0.06	35.53 -0.23 -0.02	37.29 -0.04 -0.01	38.90 -0.12 0.00	50.72 -0.24 -0.56	59.39 -0.41 -1.95	57.81 -0.23 -1.60	90.45 -0.34 -2.31	76.41 -0.80 -2.66	64.92 -0.66 -2.13	89.25 -1.13 -2.23	68.86 -0.98 -2.88	82.89 -0.50 -3.09	122.95 -0.47 -3.81	147.11 0.46 -4.49	74.25 0.46 -3.37	78.09 0.24 -2.96	79.02 0.68 -1.97	57.41 0.95 -0.88	39.67 0.51 -0.38
OSWEGO___5 23606	38.85 -0.60 -5.06	34.64 -0.65 -2.81	35.09 -0.72 -0.63	35.45 -0.72 -0.20	36.68 -0.73 -0.62	35.21 -0.72 -0.19	36.68 -0.73 -0.10	38.21 -0.80 0.00	55.68 -0.97 -6.25	78.50 -1.03 -21.68	73.20 -1.01 -17.75	112.76 -1.39 -25.67	102.97 -1.14 -29.56	86.19 -0.95 -23.70	111.71 -1.28 -24.84	97.94 -1.07 -32.06	113.30 -1.42 -34.42	159.93 -2.13 -42.44	190.48 -2.58 -49.89	106.70 -1.24 -37.52	106.58 -1.28 -32.97	97.23 -1.21 -22.07	66.78 -0.96 -12.15	43.52 -0.68 -5.42
OSWEGO___6 23613	38.85 -0.60 -5.06	34.64 -0.65 -2.81	35.09 -0.72 -0.63	35.45 -0.72 -0.20	36.68 -0.73 -0.62	35.21 -0.72 -0.19	36.68 -0.73 -0.10	38.21 -0.80 0.00	55.68 -0.97 -6.25	78.50 -1.03 -21.68	73.20 -1.01 -17.75	112.76 -1.39 -25.67	102.97 -1.14 -29.56	86.19 -0.95 -23.70	111.71 -1.28 -24.84	97.94 -1.07 -32.06	113.30 -1.42 -34.42	159.93 -2.13 -42.44	190.48 -2.58 -49.89	106.70 -1.24 -37.52	106.58 -1.28 -32.97	97.23 -1.21 -22.07	66.78 -0.96 -12.15	43.52 -0.68 -5.42
OUTOKUMPU-AB___DRP 24206	35.89 1.51 0.00	33.14 0.66 0.00	35.88 0.71 0.00	36.97 1.00 0.00	37.90 1.11 0.00	36.38 0.64 0.00	38.08 0.77 0.00	39.34 0.33 0.00	51.03 0.63 0.00	59.06 1.21 0.00	57.31 0.86 0.00	90.38 1.90 0.00	75.51 0.95 0.00	63.73 0.28 0.00	88.49 0.35 0.00	66.46 -0.51 0.00	77.87 -2.42 0.00	115.60 -4.01 0.00	139.15 -4.02 0.00	68.65 -1.77 0.00	73.49 -1.40 0.00	76.31 -0.06 0.00	55.85 0.27 0.00	39.35 0.57 0.00
OXBOW___ 24026	35.53 1.14 0.00	32.75 0.28 0.00	35.39 0.21 0.00	36.50 0.53 0.00	37.44 0.65 0.00	35.92 0.18 0.00	37.60 0.28 0.00	38.83 -0.18 0.00	50.30 -0.10 0.00	58.14 0.28 0.00	56.37 -0.08 0.00	88.83 0.35 0.00	74.24 -0.32 0.00	62.60 -0.85 0.00	86.85 -1.29 0.00	65.25 -1.71 0.00	76.40 -3.89 0.00	113.43 -6.19 0.00	136.70 -6.47 0.00	67.52 -2.90 0.00	72.31 -2.57 0.00	75.09 -1.29 0.00	55.06 -0.52 0.00	38.86 0.07 0.00
OXY_CHEM_DSASP 323612	35.35 0.96 0.00	32.54 0.06 0.00	35.11 -0.07 0.00	36.26 0.30 0.00	37.21 0.42 0.00	35.69 -0.05 0.00	37.35 0.03 0.00	38.55 -0.47 0.00	49.84 -0.56 0.00	57.54 -0.31 0.00	55.68 -0.77 0.00	87.73 -0.74 0.00	73.27 -1.29 0.00	61.71 -1.74 0.00	85.57 -2.58 0.00	64.26 -2.70 0.00	75.19 -5.10 0.00	111.72 -7.89 0.00	134.83 -8.33 0.00	66.68 -3.75 0.00	71.46 -3.43 0.00	74.31 -2.06 0.00	54.51 -1.08 0.00	38.55 -0.23 0.00
OZONE_PARK_ESR 323760	36.20 1.81 0.00	34.48 2.01 0.00	37.28 2.10 0.00	38.10 2.14 0.00	39.00 2.21 0.00	37.96 2.23 0.00	39.83 2.52 0.00	43.21 2.79 -1.41	53.94 3.55 0.00	61.85 4.00 0.00	60.08 3.63 0.00	93.83 5.35 0.00	79.37 4.81 0.00	67.89 4.45 0.00	94.70 6.55 0.00	72.04 5.08 0.00	86.65 6.36 0.00	128.84 9.22 0.00	153.08 9.91 0.00	74.95 4.52 0.00	79.94 5.06 0.00	81.14 4.77 0.00	58.86 3.27 0.00	41.17 2.38 0.00
PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	35.35 0.96 0.00	32.54 0.06 0.00	35.11 -0.07 0.00	36.26 0.30 0.00	37.21 0.42 0.00	35.69 -0.05 0.00	37.35 0.03 0.00	38.55 -0.47 0.00	49.84 -0.56 0.00	57.54 -0.31 0.00	55.68 -0.77 0.00	87.73 -0.74 0.00	73.27 -1.29 0.00	61.71 -1.74 0.00	85.57 -2.58 0.00	64.26 -2.70 0.00	75.19 -5.10 0.00	111.72 -7.89 0.00	134.83 -8.33 0.00	66.68 -3.75 0.00	71.46 -3.43 0.00	74.31 -2.06 0.00	54.51 -1.08 0.00	38.55 -0.23 0.00
PACKARD___115KV_DUPONT_184 80571	35.35 0.96 0.00	32.54 0.06 0.00	35.11 -0.07 0.00	36.26 0.30 0.00	37.21 0.42 0.00	35.69 -0.05 0.00	37.35 0.03 0.00	38.55 -0.47 0.00	49.84 -0.56 0.00	57.54 -0.31 0.00	55.68 -0.77 0.00	87.73 -0.74 0.00	73.27 -1.29 0.00	61.71 -1.74 0.00	85.57 -2.58 0.00	64.26 -2.70 0.00	75.19 -5.10 0.00	111.72 -7.89 0.00	134.83 -8.33 0.00	66.68 -3.75 0.00	71.46 -3.43 0.00	74.31 -2.06 0.00	54.51 -1.08 0.00	38.55 -0.23 0.00
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	35.77 1.38 0.00	34.06 1.59 0.00	36.83 1.65 0.00	37.59 1.63 0.00	38.47 1.68 0.00	37.49 1.75 0.00	39.23 1.91 0.00	42.52 2.09 -1.41	52.94 2.54 0.00	60.75 2.89 0.00	58.94 2.49 0.00	92.03 3.55 0.00	77.89 3.33 0.00	66.60 3.16 0.00	93.06 4.92 0.00	70.71 3.75 0.00	85.10 4.81 0.00	126.52 6.90 0.00	150.27 7.11 0.00	73.66 3.24 0.00	78.69 3.80 0.00	79.87 3.49 0.00	57.97 2.39 0.00	40.59 1.81 0.00

PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	36.06 1.68 0.00	34.35 1.88 0.00	37.11 1.93 0.00	37.89 1.92 0.00	38.68 1.89 0.00	37.75 2.00 0.00	39.46 2.14 0.00	42.77 2.34 -1.41	53.28 2.88 0.00	61.21 3.35 0.00	59.81 3.36 0.00	93.48 5.01 0.00	78.98 4.43 0.00	67.52 4.07 0.00	94.34 6.19 0.00	71.71 4.75 0.00	86.22 5.93 0.00	127.60 7.98 0.00	151.62 8.45 0.00	74.30 3.88 0.00	79.37 4.49 0.00	80.58 4.21 0.00	58.49 2.91 0.00	40.97 2.19 0.00
PATROON__115KV_TB1 80586	35.18 0.80 0.00	33.49 1.02 0.00	36.29 1.11 0.00	37.00 1.04 0.00	37.81 1.02 0.00	36.87 1.13 0.00	38.30 0.98 0.00	40.36 1.02 -0.32	51.62 1.22 0.00	59.18 1.32 0.00	57.61 1.16 0.00	89.75 1.27 0.00	75.76 1.20 0.00	64.81 1.36 0.00	89.98 1.83 0.00	68.47 1.51 0.00	82.13 1.84 0.00	122.35 2.74 0.00	146.06 2.90 0.00	71.91 1.49 0.00	76.77 1.88 0.00	77.89 1.52 0.00	56.74 1.16 0.00	39.85 1.07 0.00
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	36.13 1.75 0.00	33.46 0.99 0.00	36.33 1.15 0.00	37.32 1.36 0.00	38.25 1.47 0.00	36.77 1.03 0.00	38.50 1.19 0.00	39.97 0.95 0.00	51.99 1.59 0.00	60.21 2.35 0.00	58.44 1.99 0.00	92.16 3.69 0.00	77.11 2.55 0.00	65.19 1.75 0.00	90.66 2.51 0.00	68.16 1.20 0.00	80.13 -0.16 0.00	118.96 -0.65 0.00	142.85 -0.31 0.00	70.43 0.01 0.00	75.21 0.32 0.00	77.95 1.58 0.00	56.88 1.29 0.00	39.91 1.13 0.00
PAWLING_115_KV_BK3_REV_LBMP_H 345028	36.18 1.79 0.00	34.40 1.93 0.00	37.19 2.01 0.00	37.94 1.97 0.00	38.81 2.02 0.00	37.79 2.05 0.00	39.56 2.25 0.00	42.02 2.46 -0.55	53.55 3.15 0.00	61.58 3.73 0.00	60.03 3.57 0.00	93.79 5.31 0.00	79.40 4.84 0.00	67.96 4.52 0.00	94.73 6.59 0.00	72.11 5.15 0.00	86.63 6.34 0.00	128.91 9.29 0.00	153.36 10.19 0.00	75.11 4.68 0.00	80.00 5.11 0.00	81.16 4.79 0.00	58.88 3.29 0.00	41.17 2.38 0.00
PEEKSKILL____ 23653	35.65 1.27 0.00	33.92 1.45 0.00	36.68 1.50 0.00	37.47 1.50 0.00	38.33 1.54 0.00	37.30 1.56 0.00	39.07 1.75 0.00	42.57 1.92 -1.64	52.78 2.38 0.00	60.63 2.77 0.00	58.92 2.47 0.00	91.89 3.41 0.00	77.73 3.17 0.00	66.48 3.03 0.00	92.67 4.53 0.00	70.50 3.54 0.00	84.83 4.54 0.00	126.20 6.59 0.00	150.10 6.93 0.00	73.52 3.10 0.00	78.41 3.53 0.00	79.61 3.24 0.00	57.84 2.25 0.00	40.49 1.71 0.00
PGE MADISON__WINDPWR 24146	38.05 3.16 -0.50	35.60 2.85 -0.27	38.22 2.98 -0.06	39.01 3.02 -0.02	40.00 3.15 -0.06	38.85 3.09 -0.02	40.66 3.33 -0.01	42.57 3.56 0.00	55.59 4.58 -0.61	65.10 5.11 -2.13	63.49 5.30 -1.74	99.63 8.64 -2.51	84.58 7.13 -2.90	72.29 6.52 -2.32	99.33 8.75 -2.43	76.33 6.22 -3.14	91.21 7.54 -3.37	135.81 12.04 -4.16	163.21 15.16 -4.89	81.96 7.86 -3.67	86.53 8.41 -3.23	87.27 8.74 -2.16	62.55 5.76 -1.19	43.10 3.78 -0.53
PIERCEFIELD__HYD 23852	34.56 -0.06 -0.23	32.35 -0.26 -0.13	34.93 -0.27 -0.03	35.73 -0.25 -0.01	36.40 -0.42 -0.03	35.09 -0.66 -0.01	36.80 -0.52 0.00	38.41 -0.60 0.00	49.86 -0.83 -0.28	57.82 -1.02 -0.99	56.60 -0.67 -0.80	88.68 -0.96 -1.17	74.40 -1.51 -1.34	62.97 -1.55 -1.08	86.95 -2.33 -1.13	66.69 -1.73 -1.46	80.17 -1.69 -1.57	119.18 -2.36 -1.93	143.20 -2.23 -2.27	71.19 -0.94 -1.71	74.95 -1.43 -1.50	76.19 -1.15 -0.97	55.62 -0.02 -0.05	38.68 -0.10 0.00
PINELAWN_CC_1 323563	36.83 2.44 0.00	34.94 2.47 0.00	37.70 2.52 0.00	38.49 2.53 0.00	39.46 2.67 0.00	38.41 2.67 0.00	40.24 2.92 0.00	43.40 2.98 -1.40	54.10 3.70 0.00	60.93 3.07 0.00	58.95 2.49 0.00	91.04 2.56 0.00	77.36 2.67 -0.13	66.29 2.84 0.00	96.75 4.67 -3.94	78.56 3.51 -8.08	85.17 4.88 0.00	130.16 7.46 -3.09	153.90 7.28 -3.46	78.29 3.34 -4.52	87.97 4.73 -8.35	78.87 4.39 1.89	59.51 3.54 -0.38	43.62 3.14 -1.70
PJM_GEN_HTP_PROXY 323702	35.61 1.27 0.05	33.99 1.52 0.00	36.76 1.59 0.00	37.58 1.61 0.00	38.47 1.68 0.00	37.45 1.71 0.00	39.27 1.95 0.00	42.60 2.17 -1.41	53.12 2.72 0.00	60.93 3.07 0.00	59.17 2.72 0.00	92.33 3.85 0.00	78.11 3.55 0.00	66.80 3.36 0.00	91.70 5.03 1.47	70.85 3.89 0.00	85.26 4.97 0.00	126.76 7.15 0.00	150.55 7.39 0.00	73.71 3.28 0.00	78.63 3.74 0.00	79.80 3.43 0.00	57.90 2.31 0.00	37.08 1.74 3.45
PJM_GEN_KEystone 24065	34.99 0.76 0.16	32.99 0.67 0.16	35.67 0.74 0.24	36.44 0.79 0.32	37.15 0.85 0.48	35.45 0.72 1.01	37.22 0.89 0.98	36.94 0.86 2.94	50.45 1.15 1.11	58.12 1.53 1.26	57.03 1.10 0.52	89.66 1.62 0.44	75.80 1.25 0.00	64.49 1.06 0.01	88.44 1.77 1.47	67.99 1.09 0.06	81.06 0.94 0.17	120.40 1.24 0.45	144.01 0.96 0.11	70.80 0.37 0.00	75.55 0.67 0.00	77.40 1.03 0.00	56.37 0.79 0.00	36.06 0.72 3.45
PJM_GEN_NEPTUNE_PROXY 323594	36.16 1.82 0.05	34.38 1.91 0.00	37.12 1.95 0.00	37.91 1.95 0.00	38.87 2.08 0.00	37.83 2.09 0.00	39.60 2.29 0.00	42.73 2.31 -1.40	53.20 2.81 0.00	60.38 2.52 0.00	58.65 2.19 0.00	91.01 2.53 0.00	77.31 2.75 0.00	66.28 2.83 0.00	91.24 4.57 1.47	70.42 3.46 0.00	84.99 4.70 0.00	126.55 6.94 0.00	149.88 6.72 0.00	73.46 3.04 0.00	78.51 3.62 0.00	75.85 3.15 3.68	58.16 2.57 0.00	39.39 2.35 1.75
PJM_GEN_VFT_PROXY 323633	33.74 1.01 1.65	31.51 1.27 2.24	33.02 1.32 3.48	32.76 1.34 4.54	31.30 1.42 6.91	25.56 1.45 11.62	24.97 1.67 14.01	29.31 1.87 11.57	36.93 2.33 15.80	42.43 2.64 18.07	51.25 2.30 7.50	85.42 3.19 6.24	77.55 3.06 0.06	66.19 2.93 0.19	91.14 4.47 1.47	69.49 3.43 0.90	82.20 4.40 2.49	119.38 6.27 6.51	147.91 6.36 1.61	73.20 2.78 0.00	78.19 3.30 0.00	79.35 2.98 0.00	57.53 1.94 0.00	36.80 1.47 3.45
PLATSBRG_115KV_PMLD1 355749	35.21 0.83 0.00	33.05 0.58 0.00	35.69 0.51 0.00	36.52 0.55 0.00	37.25 0.46 0.00	36.40 0.66 0.00	38.20 0.89 0.00	40.04 1.03 0.00	51.61 1.21 0.00	58.72 0.87 0.00	56.98 0.53 0.00	89.17 0.70 0.00	74.04 -0.52 0.00	62.39 -1.06 0.00	86.08 -2.07 0.00	65.64 -1.32 0.00	79.19 -1.10 0.00	117.62 -1.99 0.00	142.89 -0.28 0.00	69.97 -0.46 0.00	74.50 -0.38 0.00	76.73 0.36 0.00	57.01 1.42 0.00	39.74 0.95 0.00
PLEASANTVLY__LBMP 24000	35.56 1.17 0.00	33.84 1.37 0.00	36.62 1.44 0.00	37.37 1.40 0.00	38.23 1.44 0.00	37.23 1.49 0.00	38.91 1.59 0.00	41.37 1.70 -0.66	52.46 2.06 0.00	60.27 2.42 0.00	58.61 2.16 0.00	91.37 2.89 0.00	77.22 2.66 0.00	66.07 2.62 0.00	91.98 3.84 0.00	69.99 3.03 0.00	84.18 3.88 0.00	125.29 5.68 0.00	149.08 5.92 0.00	73.13 2.71 0.00	78.02 3.14 0.00	79.21 2.83 0.00	57.59 2.00 0.00	40.38 1.60 0.00
PLSNTVLE_13_KV_13.8KVDIST 80602	35.79 1.41 0.00	34.05 1.58 0.00	36.84 1.66 0.00	37.62 1.65 0.00	38.49 1.70 0.00	37.47 1.73 0.00	39.24 1.93 0.00	42.22 2.09 -1.11	53.02 2.63 0.00	60.87 3.02 0.00	59.17 2.72 0.00	92.33 3.86 0.00	78.09 3.53 0.00	66.83 3.38 0.00	93.12 4.97 0.00	70.85 3.89 0.00	85.23 4.94 0.00	126.76 7.15 0.00	150.78 7.61 0.00	73.86 3.44 0.00	78.80 3.91 0.00	79.93 3.56 0.00	58.05 2.47 0.00	40.62 1.84 0.00

PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	35.79 1.41 0.00	34.05 1.58 0.00	36.84 1.66 0.00	37.62 1.65 0.00	38.49 1.70 0.00	37.47 1.73 0.00	39.24 1.93 0.00	42.22 2.09 -1.11	53.02 2.63 0.00	60.87 3.02 0.00	59.17 2.72 0.00	92.33 3.86 0.00	78.09 3.53 0.00	66.83 3.38 0.00	93.12 4.97 0.00	70.85 3.89 0.00	85.23 4.94 0.00	126.76 7.15 0.00	150.78 7.61 0.00	73.86 3.44 0.00	78.80 3.91 0.00	79.93 3.56 0.00	58.05 2.47 0.00	40.62 1.84 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	35.98 1.59 0.00	34.21 1.73 0.00	36.99 1.81 0.00	37.73 1.77 0.00	38.59 1.80 0.00	37.58 1.84 0.00	39.29 1.97 0.00	41.56 2.17 -0.38	53.11 2.71 0.00	61.08 3.23 0.00	59.51 3.06 0.00	92.95 4.48 0.00	78.63 4.07 0.00	67.31 3.86 0.00	93.72 5.58 0.00	71.32 4.36 0.00	85.76 5.46 0.00	127.41 7.80 0.00	151.78 8.61 0.00	74.43 4.01 0.00	79.34 4.45 0.00	80.52 4.15 0.00	58.45 2.86 0.00	40.92 2.13 0.00
POLETTI____ 23519	35.61 1.23 0.00	33.94 1.47 0.00	36.72 1.54 0.00	37.54 1.57 0.00	38.42 1.64 0.00	37.41 1.67 0.00	39.22 1.91 0.00	42.55 2.13 -1.41	53.04 2.65 0.00	60.83 2.97 0.00	59.06 2.60 0.00	92.15 3.67 0.00	77.98 3.42 0.00	66.70 3.25 0.00	93.06 4.91 0.00	70.76 3.80 0.00	85.13 4.84 0.00	126.59 6.97 0.00	150.37 7.21 0.00	73.61 3.19 0.00	78.54 3.65 0.00	79.69 3.32 0.00	57.84 2.25 0.00	40.47 1.69 0.00
POMONA____ESR 323819	35.64 1.25 0.00	33.85 1.38 0.00	36.59 1.41 0.00	37.36 1.40 0.00	38.23 1.44 0.00	37.19 1.46 0.00	38.95 1.64 0.00	38.92 1.79 1.89	52.65 2.25 0.00	60.56 2.70 0.00	58.90 2.45 0.00	91.87 3.40 0.00	77.71 3.15 0.00	66.42 2.98 0.00	92.64 4.49 0.00	70.48 3.51 0.00	84.78 4.49 0.00	126.09 6.47 0.00	149.96 6.80 0.00	73.44 3.02 0.00	78.28 3.39 0.00	79.49 3.12 0.00	57.77 2.18 0.00	40.42 1.63 0.00
PORT_JEFF_3 23555	36.88 2.50 0.00	35.01 2.54 0.00	37.71 2.54 0.00	38.47 2.51 0.00	39.48 2.69 0.00	38.41 2.67 0.00	40.22 2.90 0.00	43.32 2.90 -1.40	53.95 3.55 0.00	61.18 3.32 0.00	59.28 2.82 0.00	91.27 2.79 0.00	77.95 3.28 -0.11	66.86 3.41 0.00	157.56 5.46 -63.95	202.08 4.01 -131.10	85.61 5.31 -0.01	193.05 8.02 -65.42	226.38 7.78 -75.44	155.09 3.61 -81.06	211.46 4.31 -132.27	77.02 3.59 2.95	59.19 3.28 -0.32	43.75 3.27 -1.70
PORT_JEFF_4 23616	36.88 2.50 0.00	35.01 2.54 0.00	37.71 2.54 0.00	38.47 2.51 0.00	39.48 2.69 0.00	38.41 2.67 0.00	40.22 2.90 0.00	43.32 2.90 -1.40	53.95 3.55 0.00	61.18 3.32 0.00	59.28 2.82 0.00	91.27 2.79 0.00	77.95 3.28 -0.11	66.86 3.41 0.00	157.56 5.46 -63.95	202.08 4.01 -131.10	85.61 5.31 -0.01	193.05 8.02 -65.42	226.38 7.78 -75.44	155.09 3.61 -81.06	211.46 4.31 -132.27	77.02 3.59 2.95	59.19 3.28 -0.32	43.75 3.27 -1.70
PORT_JEFF_IC 23713	36.99 2.60 0.00	35.09 2.61 0.00	37.79 2.62 0.00	38.54 2.58 0.00	39.55 2.77 0.00	38.48 2.74 0.00	40.30 2.98 0.00	43.41 2.99 -1.40	54.12 3.73 0.00	61.40 3.54 0.00	59.33 2.87 0.00	91.38 2.90 0.00	78.34 3.67 -0.11	67.21 3.76 0.00	168.74 5.81 -74.79	224.29 4.18 -153.15	85.79 5.49 -0.01	216.04 8.31 -88.11	253.72 8.11 -102.45	175.77 3.77 -101.58	231.00 4.45 -151.66	77.14 3.68 2.92	59.37 3.45 -0.33	43.87 3.39 -1.70
PPL PILGRIM_ST_GT1 24216	37.05 2.67 0.00	35.20 2.72 0.00	37.93 2.76 0.00	38.74 2.78 0.00	39.73 2.94 0.00	38.64 2.90 0.00	40.50 3.18 0.00	43.63 3.22 -1.40	54.33 3.93 0.00	61.61 3.76 0.00	59.68 3.22 0.00	91.82 3.34 0.00	79.31 3.75 -1.00	67.01 3.55 0.00	106.60 5.75 -12.70	97.15 4.10 -26.08	85.83 5.54 0.00	137.92 8.27 -10.04	162.55 8.16 -11.23	88.80 3.72 -14.66	106.44 4.64 -26.92	77.72 4.11 2.77	62.22 3.77 -2.86	43.93 3.44 -1.70
PPL PILGRIM_ST_GT2 24217	37.05 2.67 0.00	35.20 2.72 0.00	37.93 2.76 0.00	38.74 2.78 0.00	39.73 2.94 0.00	38.64 2.90 0.00	40.50 3.18 0.00	43.63 3.22 -1.40	54.33 3.93 0.00	61.61 3.76 0.00	59.68 3.22 0.00	91.82 3.34 0.00	79.31 3.75 -1.00	67.01 3.55 0.00	106.60 5.75 -12.70	97.15 4.10 -26.08	85.83 5.54 0.00	137.92 8.27 -10.04	162.55 8.16 -11.23	88.80 3.72 -14.66	106.44 4.64 -26.92	77.72 4.11 2.77	62.22 3.77 -2.86	43.93 3.44 -1.70
PPL_SHRM_GT3 24213	36.79 2.40 0.00	34.90 2.43 0.00	37.51 2.33 0.00	38.22 2.26 0.00	39.33 2.54 0.00	38.27 2.53 0.00	40.00 2.68 0.00	42.96 2.54 -1.40	52.56 2.16 0.00	59.79 1.93 0.00	59.46 3.00 0.00	91.91 3.43 0.00	78.25 3.57 -0.12	67.08 3.63 0.00	159.78 6.21 -65.43	205.36 4.31 -134.09	86.00 5.71 -0.01	197.96 8.95 -69.40	231.07 7.70 -80.21	158.83 4.03 -84.37	214.19 4.63 -134.67	77.89 4.45 2.93	59.64 3.71 -0.35	43.88 3.39 -1.70
PPL_SHRM_GT4 24214	36.79 2.40 0.00	34.90 2.43 0.00	37.51 2.33 0.00	38.22 2.26 0.00	39.33 2.54 0.00	38.27 2.53 0.00	40.00 2.68 0.00	42.96 2.54 -1.40	52.56 2.16 0.00	59.79 1.93 0.00	59.46 3.00 0.00	91.91 3.43 0.00	78.25 3.57 -0.12	67.08 3.63 0.00	159.78 6.21 -65.43	205.36 4.31 -134.09	86.00 5.71 -0.01	197.96 8.95 -69.40	231.07 7.70 -80.21	158.83 4.03 -84.37	214.19 4.63 -134.67	77.89 4.45 2.93	59.64 3.71 -0.35	43.88 3.39 -1.70
PROJECT___ORANGE 1 24174	34.98 -0.07 -0.66	32.65 -0.18 -0.36	35.04 -0.21 -0.08	35.78 -0.22 -0.03	36.65 -0.21 -0.08	35.56 -0.21 -0.02	37.14 -0.19 -0.01	38.80 -0.21 0.00	51.05 -0.16 -0.81	60.63 -0.03 -2.81	58.77 0.01 -2.30	92.16 0.35 -3.33	78.74 0.35 -3.83	66.87 0.35 -3.07	91.92 0.56 -3.22	71.43 0.31 -4.15	84.98 0.22 -4.46	125.35 0.23 -5.50	149.83 0.20 -6.46	75.34 0.05 -4.86	79.23 0.07 -4.27	79.41 0.18 -2.86	57.14 0.00 -1.55	39.45 -0.02 -0.69
PROJECT___ORANGE 2 24166	34.98 -0.07 -0.66	32.65 -0.18 -0.36	35.04 -0.21 -0.08	35.78 -0.22 -0.03	36.65 -0.21 -0.08	35.56 -0.21 -0.02	37.14 -0.19 -0.01	38.80 -0.21 0.00	51.05 -0.16 -0.81	60.63 -0.03 -2.81	58.77 0.01 -2.30	92.16 0.35 -3.33	78.74 0.35 -3.83	66.87 0.35 -3.07	91.92 0.56 -3.22	71.43 0.31 -4.15	84.98 0.22 -4.46	125.35 0.23 -5.50	149.83 0.20 -6.46	75.34 0.05 -4.86	79.23 0.07 -4.27	79.41 0.18 -2.86	57.14 0.00 -1.55	39.45 -0.02 -0.69
PUCKETT___SOLAR 323809	36.06 1.23 -0.45	33.80 1.08 -0.25	36.41 1.18 -0.06	37.18 1.20 -0.02	38.12 1.27 -0.06	36.98 1.22 -0.02	38.65 1.33 -0.01	40.41 1.40 0.00	52.80 1.85 -0.55	61.91 2.13 -1.92	60.08 2.05 -1.57	94.33 3.58 -2.27	80.11 2.94 -2.62	68.07 2.53 -2.10	93.98 3.64 -2.20	72.31 2.52 -2.84	86.16 2.82 -3.04	127.58 4.22 -3.75	152.45 4.87 -4.41	76.23 2.49 -3.32	80.59 2.79 -2.92	81.38 3.06 -1.95	58.75 2.08 -1.08	40.70 1.43 -0.48
PYRITES___HYD 24023	35.18 0.58 -0.21	32.92 0.33 -0.12	35.50 0.29 -0.03	36.30 0.33 -0.01	37.05 0.23 -0.03	35.78 0.03 -0.01	37.52 0.20 0.00	39.19 0.18 0.00	50.81 0.15 -0.26	58.89 0.13 -0.91	58.00 0.80 -0.74	91.11 1.56 -1.07	76.55 0.76 -1.24	64.81 0.37 -0.99	89.52 0.34 -1.04	68.70 0.40 -1.34	82.45 0.72 -1.44	121.88 0.50 -1.77	146.31 1.06 -2.08	72.68 0.69 -1.57	76.51 0.25 -1.38	77.84 0.58 -0.89	56.70 1.06 -0.05	39.37 0.59 0.00

QUAKERRD_115KV_BK1 80622	34.53 0.14 0.00	32.21 -0.27 0.00	34.86 -0.32 0.00	35.75 -0.22 0.00	36.60 -0.18 0.00	35.38 -0.37 0.00	37.02 -0.30 0.00	38.59 -0.42 0.00	50.11 -0.29 0.00	57.85 0.00 0.00	56.35 -0.10 0.00	88.78 0.31 0.00	74.70 0.14 0.00	63.39 -0.05 0.00	88.09 -0.05 0.00	66.57 -0.40 0.00	79.03 -1.26 0.00	117.44 -2.17 0.00	140.83 -2.34 0.00	69.34 -1.08 0.00	73.87 -1.02 0.00	75.84 -0.54 0.00	55.11 -0.47 0.00	38.54 -0.25 0.00
QUEENSBRY_115KV_TB8 356137	36.70 2.32 0.00	34.85 2.38 0.00	37.72 2.54 0.00	38.45 2.49 0.00	39.21 2.42 0.00	38.30 2.56 0.00	39.88 2.57 0.00	42.13 2.81 -0.31	53.83 3.43 0.00	61.72 3.87 0.00	60.21 3.75 0.00	94.00 5.52 0.00	78.98 4.42 0.00	68.19 4.74 0.00	94.30 6.15 0.00	72.14 5.18 0.00	86.39 6.10 0.00	128.67 9.06 0.00	154.64 11.47 0.00	75.83 5.41 0.00	81.20 6.31 0.00	82.72 6.34 0.00	60.00 4.41 0.00	41.95 3.16 0.00
RAMAPO___LBMP 323565	35.49 1.11 0.00	33.74 1.27 0.00	36.46 1.29 0.00	37.25 1.29 0.00	38.11 1.32 0.00	37.07 1.33 0.00	38.82 1.51 0.00	38.84 1.64 1.82	52.44 2.04 0.00	60.30 2.45 0.00	58.61 2.16 0.00	91.43 2.95 0.00	77.33 2.77 0.00	66.08 2.63 0.00	92.14 3.99 0.00	70.09 3.13 0.00	84.30 4.01 0.00	125.43 5.82 0.00	149.21 6.05 0.00	73.12 2.69 0.00	77.95 3.07 0.00	79.20 2.82 0.00	57.57 1.98 0.00	40.29 1.50 0.00
RANKINE____ 23646	36.16 1.77 0.00	33.45 0.98 0.00	36.30 1.12 0.00	37.33 1.36 0.00	38.27 1.48 0.00	36.74 1.01 0.00	38.46 1.15 0.00	39.87 0.85 0.00	51.85 1.45 0.00	60.03 2.17 0.00	58.26 1.80 0.00	91.89 3.42 0.00	76.82 2.27 0.00	64.92 1.48 0.00	90.21 2.06 0.00	67.79 0.83 0.00	79.62 -0.67 0.00	118.24 -1.37 0.00	142.12 -1.05 0.00	70.09 -0.33 0.00	74.92 0.03 0.00	77.72 1.34 0.00	56.76 1.17 0.00	39.87 1.09 0.00
RAVENSWOOD_GT2_1 24244	35.66 1.27 0.00	33.99 1.52 0.00	36.81 1.63 0.00	37.62 1.66 0.00	38.52 1.73 0.00	37.50 1.75 0.00	39.32 2.01 0.00	42.64 2.21 -1.41	53.13 2.74 0.00	60.90 3.04 0.00	59.10 2.65 0.00	92.22 3.75 0.00	78.02 3.47 0.00	66.74 3.29 0.00	93.11 4.97 0.00	70.78 3.82 0.00	85.19 4.90 0.00	126.67 7.06 0.00	150.48 7.31 0.00	73.67 3.25 0.00	78.60 3.71 0.00	79.78 3.40 0.00	57.89 2.30 0.00	40.52 1.74 0.00
RAVENSWOOD_GT2_2 24245	35.66 1.27 0.00	33.99 1.52 0.00	36.81 1.63 0.00	37.62 1.66 0.00	38.52 1.73 0.00	37.50 1.75 0.00	39.32 2.01 0.00	42.64 2.21 -1.41	53.13 2.74 0.00	60.90 3.04 0.00	59.10 2.65 0.00	92.22 3.75 0.00	78.02 3.47 0.00	66.74 3.29 0.00	93.11 4.97 0.00	70.78 3.82 0.00	85.19 4.90 0.00	126.67 7.06 0.00	150.48 7.31 0.00	73.67 3.25 0.00	78.60 3.71 0.00	79.78 3.40 0.00	57.89 2.30 0.00	40.52 1.74 0.00
RAVENSWOOD_GT2_3 24246	35.68 1.30 0.00	34.02 1.55 0.00	36.82 1.65 0.00	37.65 1.68 0.00	38.54 1.75 0.00	37.52 1.79 0.00	39.35 2.03 0.00	42.67 2.25 -1.41	53.18 2.78 0.00	60.94 3.08 0.00	59.15 2.70 0.00	92.30 3.82 0.00	78.10 3.54 0.00	66.79 3.34 0.00	93.18 5.03 0.00	70.85 3.88 0.00	85.24 4.95 0.00	126.79 7.18 0.00	150.54 7.38 0.00	73.74 3.31 0.00	78.66 3.78 0.00	79.85 3.47 0.00	57.93 2.34 0.00	40.55 1.76 0.00
RAVENSWOOD_GT2_4 24247	35.68 1.30 0.00	34.02 1.55 0.00	36.82 1.65 0.00	37.65 1.68 0.00	38.54 1.75 0.00	37.52 1.79 0.00	39.35 2.03 0.00	42.67 2.25 -1.41	53.18 2.78 0.00	60.94 3.08 0.00	59.15 2.70 0.00	92.30 3.82 0.00	78.10 3.54 0.00	66.79 3.34 0.00	93.18 5.03 0.00	70.85 3.88 0.00	85.24 4.95 0.00	126.79 7.18 0.00	150.54 7.38 0.00	73.74 3.31 0.00	78.66 3.78 0.00	79.85 3.47 0.00	57.93 2.34 0.00	40.55 1.76 0.00
RAVENSWOOD_GT3_1 24248	35.66 1.27 0.00	33.99 1.52 0.00	36.81 1.63 0.00	37.62 1.66 0.00	38.52 1.73 0.00	37.50 1.75 0.00	39.32 2.01 0.00	42.64 2.21 -1.41	53.13 2.74 0.00	60.90 3.05 0.00	59.10 2.65 0.00	92.22 3.75 0.00	78.03 3.48 0.00	66.74 3.29 0.00	93.12 4.97 0.00	70.79 3.83 0.00	85.19 4.90 0.00	126.68 7.07 0.00	150.48 7.31 0.00	73.67 3.25 0.00	78.60 3.71 0.00	79.78 3.40 0.00	57.89 2.30 0.00	40.52 1.74 0.00
RAVENSWOOD_GT3_2 24249	35.66 1.27 0.00	33.99 1.52 0.00	36.81 1.63 0.00	37.62 1.66 0.00	38.52 1.73 0.00	37.50 1.75 0.00	39.32 2.01 0.00	42.64 2.21 -1.41	53.13 2.74 0.00	60.90 3.05 0.00	59.10 2.65 0.00	92.22 3.75 0.00	78.03 3.48 0.00	66.74 3.29 0.00	93.12 4.97 0.00	70.79 3.83 0.00	85.19 4.90 0.00	126.68 7.07 0.00	150.48 7.31 0.00	73.67 3.25 0.00	78.60 3.71 0.00	79.78 3.40 0.00	57.89 2.30 0.00	40.52 1.74 0.00
RAVENSWOOD_GT3_3 24250	35.74 1.35 0.00	34.07 1.59 0.00	36.88 1.70 0.00	37.70 1.73 0.00	38.59 1.80 0.00	37.57 1.83 0.00	39.41 2.09 0.00	42.73 2.31 -1.41	53.28 2.88 0.00	61.06 3.20 0.00	59.27 2.81 0.00	92.47 3.99 0.00	78.24 3.69 0.00	66.92 3.47 0.00	93.36 5.21 0.00	70.98 4.02 0.00	85.40 5.11 0.00	127.01 7.40 0.00	150.82 7.66 0.00	73.86 3.44 0.00	78.81 3.92 0.00	79.99 3.62 0.00	58.02 2.43 0.00	40.61 1.82 0.00
RAVENSWOOD_GT3_4 24251	35.74 1.35 0.00	34.06 1.59 0.00	36.88 1.70 0.00	37.70 1.73 0.00	38.59 1.80 0.00	37.57 1.83 0.00	39.41 2.09 0.00	42.74 2.31 -1.41	53.28 2.88 0.00	61.05 3.20 0.00	59.27 2.82 0.00	92.48 4.00 0.00	78.24 3.69 0.00	66.92 3.48 0.00	93.36 5.21 0.00	70.98 4.02 0.00	85.40 5.11 0.00	127.00 7.39 0.00	150.82 7.65 0.00	73.86 3.44 0.00	78.80 3.91 0.00	80.00 3.63 0.00	58.02 2.43 0.00	40.61 1.82 0.00
RAVENSWOOD_GT_1 23729	35.66 1.28 0.00	34.02 1.55 0.00	36.84 1.67 0.00	37.66 1.69 0.00	38.55 1.76 0.00	37.55 1.82 0.00	39.42 2.11 0.00	42.75 2.33 -1.41	53.23 2.84 0.00	60.98 3.13 0.00	59.07 2.61 0.00	92.19 3.71 0.00	78.03 3.47 0.00	66.70 3.25 0.00	93.17 5.02 0.00	70.79 3.83 0.00	85.17 4.88 0.00	126.62 7.00 0.00	150.31 7.14 0.00	73.63 3.21 0.00	78.59 3.70 0.00	79.78 3.40 0.00	57.58 2.25 0.26	40.48 1.70 0.00
RAVENSWOOD_GT_10 24258	35.66 1.27 0.00	33.99 1.53 0.00	36.81 1.63 0.00	37.62 1.66 0.00	38.52 1.73 0.00	37.50 1.75 0.00	39.32 2.01 0.00	42.64 2.21 -1.41	53.14 2.74 0.00	60.91 3.05 0.00	59.12 2.66 0.00	92.24 3.76 0.00	78.05 3.50 0.00	66.75 3.30 0.00	93.12 4.98 0.00	70.81 3.85 0.00	85.20 4.90 0.00	126.68 7.07 0.00	150.51 7.34 0.00	73.69 3.27 0.00	78.62 3.74 0.00	79.79 3.42 0.00	57.90 2.31 0.00	40.53 1.75 0.00
RAVENSWOOD_GT_11 24259	35.66 1.27 0.00	33.99 1.52 0.00	36.81 1.63 0.00	37.62 1.66 0.00	38.52 1.73 0.00	37.50 1.75 0.00	39.32 2.01 0.00	42.64 2.21 -1.41	53.13 2.74 0.00	60.91 3.05 0.00	59.12 2.66 0.00	92.24 3.76 0.00	78.05 3.50 0.00	66.75 3.30 0.00	93.12 4.97 0.00	70.81 3.85 0.00	85.20 4.90 0.00	126.68 7.07 0.00	150.50 7.33 0.00	73.69 3.27 0.00	78.62 3.74 0.00	79.80 3.43 0.00	57.90 2.31 0.00	40.53 1.74 0.00

RAVENSWOOD_GT_4 24252	35.68 1.29 0.00	34.02 1.54 0.00	36.82 1.64 0.00	37.64 1.67 0.00	38.53 1.74 0.00	37.50 1.76 0.00	39.32 2.01 0.00	42.64 2.21 -1.41	53.15 2.75 0.00	60.93 3.08 0.00	59.17 2.71 0.00	92.29 3.82 0.00	78.10 3.54 0.00	66.80 3.35 0.00	93.18 5.03 0.00	70.85 3.89 0.00	85.25 4.96 0.00	126.79 7.18 0.00	150.59 7.42 0.00	73.73 3.31 0.00	78.67 3.78 0.00	79.85 3.47 0.00	57.73 2.35 0.20	40.56 1.77 0.00
RAVENSWOOD_GT_5 24254	35.68 1.29 0.00	34.02 1.54 0.00	36.82 1.64 0.00	37.64 1.67 0.00	38.53 1.74 0.00	37.50 1.76 0.00	39.32 2.01 0.00	42.64 2.21 -1.41	53.15 2.75 0.00	60.93 3.08 0.00	59.17 2.71 0.00	92.29 3.82 0.00	78.10 3.54 0.00	66.80 3.35 0.00	93.18 5.03 0.00	70.85 3.89 0.00	85.25 4.96 0.00	126.79 7.18 0.00	150.59 7.42 0.00	73.73 3.31 0.00	78.67 3.78 0.00	79.85 3.47 0.00	57.73 2.35 0.20	40.56 1.77 0.00
RAVENSWOOD_GT_6 24253	35.68 1.29 0.00	34.02 1.54 0.00	36.82 1.64 0.00	37.64 1.67 0.00	38.53 1.74 0.00	37.50 1.76 0.00	39.32 2.01 0.00	42.64 2.21 -1.41	53.15 2.75 0.00	60.93 3.08 0.00	59.17 2.71 0.00	92.29 3.82 0.00	78.10 3.54 0.00	66.80 3.35 0.00	93.18 5.03 0.00	70.85 3.89 0.00	85.25 4.96 0.00	126.79 7.18 0.00	150.59 7.42 0.00	73.73 3.31 0.00	78.67 3.78 0.00	79.85 3.47 0.00	57.73 2.35 0.20	40.56 1.77 0.00
RAVENSWOOD_GT_7 24255	35.68 1.29 0.00	34.02 1.54 0.00	36.82 1.64 0.00	37.64 1.67 0.00	38.53 1.74 0.00	37.50 1.76 0.00	39.32 2.01 0.00	42.64 2.21 -1.41	53.15 2.75 0.00	60.93 3.08 0.00	59.17 2.71 0.00	92.29 3.82 0.00	78.10 3.54 0.00	66.80 3.35 0.00	93.18 5.03 0.00	70.85 3.89 0.00	85.25 4.96 0.00	126.79 7.18 0.00	150.59 7.42 0.00	73.73 3.31 0.00	78.67 3.78 0.00	79.85 3.47 0.00	57.73 2.35 0.20	40.56 1.77 0.00
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	35.66 1.27 0.00	33.99 1.53 0.00	36.81 1.63 0.00	37.62 1.66 0.00	38.52 1.73 0.00	37.50 1.75 0.00	39.32 2.01 0.00	42.64 2.21 -1.41	53.14 2.74 0.00	60.91 3.05 0.00	59.12 2.66 0.00	92.24 3.76 0.00	78.05 3.50 0.00	66.75 3.30 0.00	93.12 4.98 0.00	70.81 3.85 0.00	85.20 4.90 0.00	126.68 7.07 0.00	150.51 7.34 0.00	73.69 3.27 0.00	78.62 3.74 0.00	79.79 3.42 0.00	57.90 2.31 0.00	40.53 1.75 0.00
RAVENSWOOD_GT_9 24257	35.66 1.27 0.00	33.99 1.52 0.00	36.81 1.63 0.00	37.62 1.66 0.00	38.52 1.73 0.00	37.50 1.75 0.00	39.32 2.01 0.00	42.64 2.21 -1.41	53.13 2.74 0.00	60.91 3.05 0.00	59.12 2.66 0.00	92.24 3.76 0.00	78.05 3.50 0.00	66.75 3.30 0.00	93.12 4.97 0.00	70.81 3.85 0.00	85.20 4.90 0.00	126.68 7.07 0.00	150.50 7.33 0.00	73.69 3.27 0.00	78.62 3.74 0.00	79.80 3.43 0.00	57.90 2.31 0.00	40.53 1.74 0.00
RAVENSWOOD___1 23533	35.63 1.25 0.00	33.98 1.51 0.00	36.82 1.64 0.00	37.63 1.66 0.00	38.52 1.73 0.00	37.52 1.78 0.00	39.39 2.08 0.00	42.72 2.29 -1.41	53.19 2.79 0.00	60.92 3.07 0.00	59.01 2.56 0.00	92.11 3.63 0.00	77.96 3.40 0.00	66.64 3.19 0.00	93.09 4.94 0.00	70.73 3.77 0.00	85.11 4.82 0.00	126.52 6.90 0.00	150.20 7.03 0.00	73.57 3.15 0.00	78.54 3.65 0.00	79.72 3.35 0.00	57.16 2.21 0.63	40.45 1.67 0.00
RAVENSWOOD___2 23534	35.33 0.94 0.00	33.72 1.25 0.00	36.66 1.48 0.00	37.55 1.58 0.00	38.43 1.65 0.00	37.44 1.70 0.00	39.30 1.99 0.00	42.59 2.17 -1.41	52.88 2.48 0.00	60.42 2.56 0.00	58.51 2.05 0.00	91.30 2.82 0.00	77.29 2.73 0.00	66.07 2.63 0.00	92.32 4.17 0.00	70.14 3.18 0.00	84.41 4.12 0.00	125.47 5.86 0.00	148.97 5.80 0.00	72.97 2.55 0.00	77.91 3.03 0.00	79.13 2.76 0.00	56.68 1.73 0.64	40.11 1.33 0.00
RAVENSWOOD___3 23535	35.66 1.27 0.00	33.99 1.52 0.00	36.81 1.63 0.00	37.62 1.66 0.00	38.52 1.73 0.00	37.50 1.76 0.00	39.32 2.01 0.00	42.64 2.22 -1.41	53.13 2.74 0.00	60.91 3.05 0.00	59.11 2.66 0.00	92.24 3.76 0.00	78.04 3.48 0.00	66.74 3.29 0.00	93.12 4.97 0.00	70.80 3.84 0.00	85.19 4.90 0.00	126.68 7.07 0.00	150.48 7.31 0.00	73.68 3.25 0.00	78.61 3.72 0.00	79.78 3.41 0.00	57.90 2.31 0.00	40.53 1.74 0.00
RAVENSWOOD___4 23820	35.61 1.23 0.00	33.96 1.49 0.00	36.79 1.61 0.00	37.61 1.64 0.00	38.49 1.70 0.00	37.50 1.76 0.00	39.37 2.05 0.00	42.69 2.26 -1.41	53.14 2.74 0.00	60.87 3.01 0.00	58.97 2.52 0.00	92.03 3.56 0.00	77.89 3.33 0.00	66.59 3.15 0.00	93.01 4.87 0.00	70.68 3.71 0.00	85.05 4.76 0.00	126.43 6.82 0.00	150.10 6.93 0.00	73.53 3.11 0.00	78.50 3.61 0.01	79.66 3.29 0.00	56.75 2.17 1.02	40.42 1.64 0.01
RCPI_TRUST___DRP 24196	35.69 1.31 0.00	34.02 1.55 0.00	36.80 1.62 0.00	37.62 1.65 0.00	38.51 1.72 0.00	37.50 1.76 0.00	39.33 2.02 0.00	42.68 2.25 -1.41	53.22 2.82 0.00	61.04 3.19 0.00	59.29 2.84 0.00	92.50 4.03 0.00	78.26 3.70 0.00	66.94 3.49 0.00	93.35 5.21 0.00	70.99 4.02 0.00	85.41 5.12 0.00	127.00 7.39 0.00	150.80 7.63 0.00	73.81 3.39 0.00	78.74 3.86 0.00	79.91 3.54 0.00	57.97 2.38 0.00	40.57 1.79 0.00
RED___ROCHESTER 323720	35.99 1.60 0.00	33.46 0.98 0.00	36.22 1.05 0.00	37.15 1.18 0.00	38.03 1.25 0.00	36.68 0.94 0.00	38.42 1.11 0.00	40.02 1.01 0.00	52.02 1.62 0.00	60.15 2.30 0.00	58.55 2.10 0.00	92.31 3.84 0.00	77.61 3.06 0.00	65.86 2.41 0.00	91.58 3.43 0.00	69.13 2.17 0.00	81.83 1.54 0.00	121.57 1.96 0.00	145.76 2.60 0.00	71.85 1.43 0.00	76.54 1.65 0.00	78.71 2.33 0.00	57.24 1.65 0.00	40.07 1.29 0.00
REGAN___SOLAR 323812	38.09 3.70 0.00	35.94 3.47 0.00	38.78 3.60 0.00	39.60 3.63 0.00	40.61 3.82 0.00	39.57 3.83 0.00	41.16 3.84 0.00	43.38 4.11 -0.25	55.19 4.80 0.00	63.03 5.17 0.00	61.47 5.02 0.00	96.96 8.48 0.00	81.96 7.40 0.00	69.66 6.21 0.00	99.69 11.55 0.00	76.07 9.11 0.00	89.97 9.68 0.00	132.92 13.31 0.00	159.03 15.86 0.00	78.49 8.07 0.00	83.99 9.10 0.00	85.58 9.21 0.00	61.97 6.38 0.00	43.01 4.22 0.00
RENSSELAER___COGEN 23796	34.89 0.50 0.00	33.21 0.74 0.00	35.99 0.82 0.00	36.71 0.74 0.00	37.51 0.72 0.00	36.57 0.83 0.00	37.97 0.65 0.00	40.01 0.67 -0.32	51.11 0.71 0.00	58.53 0.67 0.00	56.86 0.41 0.00	88.48 0.01 0.00	74.64 0.09 0.00	63.81 0.37 0.00	88.54 0.39 0.00	67.45 0.49 0.00	80.93 0.64 0.00	120.65 1.03 0.00	144.06 0.90 0.00	70.97 0.54 0.00	75.81 0.93 0.00	76.95 0.57 0.00	56.11 0.52 0.00	39.45 0.67 0.00
REPUBLIC_115KV_BARTNBRK 55605	38.36 3.97 0.00	36.52 4.05 0.00	39.52 4.34 0.00	40.30 4.33 0.00	40.98 4.20 0.00	40.31 4.56 0.00	42.04 4.72 0.00	44.59 5.26 -0.31	56.86 6.46 0.00	65.14 7.28 0.00	64.01 7.56 0.00	100.72 12.24 0.00	84.49 9.93 0.00	73.34 9.89 0.00	100.89 12.74 0.00	77.56 10.60 0.00	92.42 12.12 0.00	137.64 18.02 0.00	164.81 21.65 0.00	80.37 9.94 0.00	86.08 11.19 0.00	87.10 10.73 0.00	63.47 7.88 0.00	44.33 5.55 0.00

REVERE_CPPR_DRP 24186	36.08 1.38 -0.32	33.80 1.15 -0.18	36.38 1.17 -0.04	37.14 1.16 -0.01	38.03 1.20 -0.04	36.99 1.23 -0.01	38.68 1.36 -0.01	40.45 1.43 0.00	52.70 1.91 -0.39	61.47 2.26 -1.36	60.06 2.49 -1.11	94.26 4.18 -1.61	79.96 3.55 -1.85	68.23 3.30 -1.48	94.36 4.66 -1.56	72.34 3.37 -2.01	86.62 4.17 -2.15	128.36 6.10 -2.66	153.71 7.42 -3.12	76.79 4.02 -2.35	81.25 4.31 -2.06	82.18 4.43 -1.38	59.22 2.93 -0.71	40.96 1.86 -0.31
REYNOLDS_115KV_TB3 80639	35.22 0.84 0.00	33.56 1.09 0.00	36.36 1.18 0.00	37.07 1.11 0.00	37.88 1.09 0.00	36.93 1.19 0.00	38.32 1.01 0.00	40.36 1.02 -0.33	51.54 1.14 0.00	59.08 1.22 0.00	57.42 0.97 0.00	89.37 0.89 0.00	75.42 0.87 0.00	64.56 1.11 0.00	89.52 1.38 0.00	68.17 1.21 0.00	81.84 1.54 0.00	121.98 2.36 0.00	145.68 2.51 0.00	71.76 1.34 0.00	76.64 1.76 0.00	77.79 1.41 0.00	56.69 1.10 0.00	39.84 1.06 0.00
RIVERBAY____ 323610	36.06 1.68 0.00	34.35 1.88 0.00	37.11 1.93 0.00	37.89 1.92 0.00	38.68 1.89 0.00	37.75 2.00 0.00	39.46 2.14 0.00	42.77 2.34 -1.41	53.28 2.88 0.00	61.21 3.35 0.00	59.81 3.36 0.00	93.48 5.01 0.00	78.98 4.43 0.00	67.52 4.07 0.00	94.34 6.19 0.00	71.71 4.75 0.00	86.22 5.93 0.00	127.60 7.98 0.00	151.62 8.45 0.00	74.30 3.88 0.00	79.37 4.49 0.00	80.58 4.21 0.00	58.49 2.91 0.00	40.97 2.19 0.00
RIVERSDE_115KV_TB3 55908	35.13 0.74 0.00	33.46 0.98 0.00	36.25 1.08 0.00	36.96 1.00 0.00	37.77 0.98 0.00	36.83 1.09 0.00	38.24 0.93 0.00	40.28 0.94 -0.33	51.47 1.07 0.00	59.00 1.15 0.00	57.37 0.91 0.00	89.32 0.84 0.00	75.38 0.83 0.00	64.50 1.06 0.00	89.50 1.36 0.00	68.14 1.17 0.00	81.77 1.48 0.00	121.86 2.25 0.00	145.52 2.36 0.00	71.65 1.23 0.00	76.53 1.64 0.00	77.65 1.27 0.00	56.59 1.00 0.00	39.76 0.98 0.00
ROARING__BROOK_WT_PWR 323790	34.28 -0.10 0.00	32.32 -0.15 0.00	35.00 -0.17 0.00	35.82 -0.15 0.00	36.64 -0.15 0.00	35.57 -0.17 0.00	37.16 -0.15 0.00	38.86 -0.15 0.00	50.20 -0.20 0.00	57.59 -0.26 0.00	56.29 -0.17 0.00	88.21 -0.26 0.00	74.25 -0.31 0.00	63.08 -0.37 0.00	87.51 -0.64 0.00	66.41 -0.55 0.00	79.67 -0.62 0.00	118.72 -0.89 0.00	142.48 -0.69 0.00	70.18 -0.25 0.00	74.49 -0.40 0.00	76.06 -0.31 0.00	55.43 -0.16 0.00	38.64 -0.14 0.00
ROCHESRG_115KV_T4 355643	35.47 1.08 0.00	33.00 0.53 0.00	35.75 0.57 0.00	36.68 0.72 0.00	37.55 0.77 0.00	36.23 0.49 0.00	37.92 0.61 0.00	39.47 0.46 0.00	51.24 0.84 0.00	59.19 1.33 0.00	57.54 1.09 0.00	90.66 2.18 0.00	76.15 1.60 0.00	64.57 1.12 0.00	89.72 1.57 0.00	67.70 0.74 0.00	80.19 -0.11 0.00	119.17 -0.44 0.00	143.01 -0.15 0.00	70.49 0.07 0.00	75.17 0.28 0.00	77.34 0.97 0.00	56.28 0.69 0.00	39.43 0.65 0.00
ROCHESTER_9_IC 23652	35.75 1.36 0.00	33.25 0.77 0.00	36.01 0.83 0.00	36.94 0.97 0.00	37.81 1.03 0.00	36.48 0.74 0.00	38.20 0.89 0.00	39.77 0.76 0.00	51.67 1.27 0.00	59.72 1.86 0.00	58.09 1.63 0.00	91.56 3.08 0.00	76.94 2.39 0.00	65.24 1.79 0.00	90.69 2.55 0.00	68.44 1.48 0.00	81.04 0.74 0.00	120.46 0.85 0.00	144.49 1.32 0.00	71.20 0.78 0.00	75.89 1.01 0.00	78.07 1.70 0.00	56.79 1.20 0.00	39.77 0.98 0.00
ROCKVIEW_13_KV_LD 356306	35.90 1.51 0.00	34.17 1.70 0.00	36.96 1.78 0.00	37.76 1.79 0.00	38.64 1.85 0.00	37.62 1.88 0.00	39.42 2.11 0.00	42.73 2.30 -1.41	53.30 2.90 0.00	61.17 3.31 0.00	59.45 3.00 0.00	92.76 4.28 0.00	78.48 3.92 0.00	67.12 3.68 0.00	93.62 5.47 0.00	71.20 4.24 0.00	85.67 5.37 0.00	127.43 7.82 0.00	151.45 8.28 0.00	74.16 3.74 0.00	79.10 4.21 0.00	80.28 3.90 0.00	58.28 2.70 0.00	40.80 2.02 0.00
ROME____115KV_TB2 80656	36.08 1.38 -0.32	33.80 1.15 -0.18	36.38 1.17 -0.04	37.14 1.16 -0.01	38.03 1.20 -0.04	36.99 1.23 -0.01	38.68 1.36 -0.01	40.45 1.43 0.00	52.70 1.91 -0.39	61.47 2.26 -1.36	60.06 2.49 -1.11	94.26 4.18 -1.61	79.96 3.55 -1.85	68.23 3.30 -1.48	94.36 4.66 -1.56	72.34 3.37 -2.01	86.62 4.17 -2.15	128.36 6.10 -2.66	153.71 7.42 -3.12	76.79 4.02 -2.35	81.25 4.31 -2.06	82.18 4.43 -1.38	59.22 2.93 -0.71	40.96 1.86 -0.31
ROSETON__1 23587	35.51 1.13 0.00	33.79 1.32 0.00	36.56 1.39 0.00	37.33 1.36 0.00	38.18 1.39 0.00	37.17 1.44 0.00	38.85 1.54 0.00	40.66 1.65 0.00	52.42 2.02 0.00	60.22 2.36 0.00	58.52 2.06 0.00	91.25 2.77 0.00	77.13 2.57 0.00	65.95 2.50 0.00	91.81 3.66 0.00	69.86 2.90 0.00	84.02 3.72 0.00	125.03 5.42 0.00	148.79 5.63 0.00	72.98 2.56 0.00	77.90 3.01 0.00	79.12 2.75 0.00	57.54 1.95 0.00	40.32 1.54 0.00
ROSETON__2 23588	35.51 1.13 0.00	33.79 1.32 0.00	36.56 1.39 0.00	37.33 1.36 0.00	38.18 1.39 0.00	37.17 1.44 0.00	38.85 1.54 0.00	40.66 1.65 0.00	52.42 2.02 0.00	60.22 2.36 0.00	58.52 2.06 0.00	91.25 2.77 0.00	77.13 2.57 0.00	65.95 2.50 0.00	91.81 3.66 0.00	69.86 2.90 0.00	84.02 3.72 0.00	125.03 5.42 0.00	148.79 5.63 0.00	72.98 2.56 0.00	77.90 3.01 0.00	79.12 2.75 0.00	57.54 1.95 0.00	40.32 1.54 0.00
ROTTTRDAM_115KV_TB3 80664	35.66 1.27 0.00	33.88 1.40 0.00	36.70 1.53 0.00	37.45 1.49 0.00	38.29 1.49 0.00	37.29 1.55 0.00	38.79 1.47 0.00	40.86 1.55 -0.30	52.29 1.89 0.00	59.95 2.10 0.00	58.42 1.97 0.00	91.23 2.76 0.00	76.96 2.40 0.00	65.79 2.35 0.00	91.45 3.31 0.00	69.58 2.62 0.00	83.51 3.22 0.00	124.28 4.67 0.00	148.63 5.46 0.00	73.12 2.70 0.00	78.09 3.20 0.00	79.36 2.99 0.00	57.73 2.15 0.00	40.43 1.65 0.00
RUSSELL__1 23602	35.99 1.60 0.00	33.45 0.98 0.00	36.22 1.05 0.00	37.15 1.18 0.00	38.03 1.24 0.00	36.69 0.95 0.00	38.42 1.10 0.00	40.02 1.01 0.00	52.02 1.62 0.00	60.16 2.31 0.00	58.56 2.10 0.00	92.33 3.86 0.00	77.61 3.05 0.00	65.85 2.40 0.00	91.58 3.43 0.00	69.11 2.14 0.00	81.82 1.53 0.00	121.55 1.93 0.00	145.78 2.61 0.00	71.83 1.40 0.00	76.52 1.63 0.00	78.69 2.32 0.00	57.24 1.65 0.00	40.07 1.29 0.00
RUSSELL__2 23532	35.99 1.60 0.00	33.45 0.98 0.00	36.22 1.05 0.00	37.15 1.18 0.00	38.03 1.24 0.00	36.69 0.95 0.00	38.42 1.10 0.00	40.02 1.01 0.00	52.02 1.62 0.00	60.16 2.31 0.00	58.56 2.10 0.00	92.33 3.86 0.00	77.61 3.05 0.00	65.85 2.40 0.00	91.58 3.43 0.00	69.11 2.14 0.00	81.82 1.53 0.00	121.55 1.93 0.00	145.78 2.61 0.00	71.83 1.40 0.00	76.52 1.63 0.00	78.69 2.32 0.00	57.24 1.65 0.00	40.07 1.29 0.00
RUSSELL__3 23549	35.99 1.60 0.00	33.45 0.98 0.00	36.22 1.05 0.00	37.15 1.18 0.00	38.03 1.24 0.00	36.69 0.95 0.00	38.42 1.10 0.00	40.02 1.01 0.00	52.02 1.62 0.00	60.16 2.31 0.00	58.56 2.10 0.00	92.33 3.86 0.00	77.61 3.05 0.00	65.85 2.40 0.00	91.58 3.43 0.00	69.11 2.14 0.00	81.82 1.53 0.00	121.55 1.93 0.00	145.78 2.61 0.00	71.83 1.40 0.00	76.52 1.63 0.00	78.69 2.32 0.00	57.24 1.65 0.00	40.07 1.29 0.00

RUSSELL___4 23556	35.99 1.60 0.00	33.45 0.98 0.00	36.22 1.05 0.00	37.15 1.18 0.00	38.03 1.24 0.00	36.69 0.95 0.00	38.42 1.10 0.00	40.02 1.01 0.00	52.02 1.62 0.00	60.16 2.31 0.00	58.56 2.10 0.00	92.33 3.86 0.00	77.61 3.05 0.00	65.85 2.40 0.00	91.58 3.43 0.00	69.11 2.14 0.00	81.82 1.53 0.00	121.55 1.93 0.00	145.78 2.61 0.00	71.83 1.40 0.00	76.52 1.63 0.00	78.69 2.32 0.00	57.24 1.65 0.00	40.07 1.29 0.00
RUSSELL___STATION 23914	35.99 1.60 0.00	33.45 0.98 0.00	36.22 1.05 0.00	37.15 1.18 0.00	38.03 1.24 0.00	36.69 0.95 0.00	38.42 1.10 0.00	40.02 1.01 0.00	52.02 1.62 0.00	60.16 2.31 0.00	58.56 2.10 0.00	92.33 3.86 0.00	77.61 3.05 0.00	65.85 2.40 0.00	91.58 3.43 0.00	69.11 2.14 0.00	81.82 1.53 0.00	121.55 1.93 0.00	145.78 2.61 0.00	71.83 1.40 0.00	76.52 1.63 0.00	78.69 2.32 0.00	57.24 1.65 0.00	40.07 1.29 0.00
S SALMON___HYD 24043	35.92 -0.05 -1.59	33.15 -0.20 -0.88	35.11 -0.26 -0.20	35.76 -0.27 -0.06	36.70 -0.28 -0.19	35.54 -0.26 -0.06	37.16 -0.19 -0.03	38.75 -0.26 0.00	51.99 -0.36 -1.96	64.22 -0.42 -6.79	61.63 -0.39 -5.56	96.07 -0.44 -8.04	83.37 -0.44 -9.26	70.68 -0.19 -7.42	95.55 -0.38 -7.78	76.47 -0.53 -10.04	90.66 -0.41 -10.78	132.47 -0.43 -13.29	158.15 -0.64 -15.62	82.34 0.17 -11.75	85.41 0.20 -10.33	83.73 0.50 -6.86	59.17 0.55 -3.03	40.43 0.33 -1.31
S.PERRY___115KV_TB1 80734	36.14 1.75 0.00	33.51 1.04 0.00	36.31 1.14 0.00	37.27 1.30 0.00	38.22 1.43 0.00	36.87 1.13 0.00	38.66 1.35 0.00	40.05 1.03 0.00	51.41 1.01 0.00	58.47 0.62 0.00	55.34 -1.11 0.00	87.16 -1.32 0.00	72.86 -1.70 0.00	62.17 -1.28 0.00	86.32 -1.82 0.00	64.90 -2.06 0.00	77.18 -3.12 0.00	115.33 -4.28 0.00	138.48 -4.69 0.00	69.15 -1.28 0.00	74.19 -0.69 0.00	76.90 0.53 0.00	56.28 0.70 0.00	40.31 1.53 0.00
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	35.90 1.51 0.00	33.19 0.71 0.00	36.01 0.83 0.00	37.05 1.08 0.00	37.98 1.19 0.00	36.45 0.71 0.00	38.16 0.84 0.00	39.48 0.46 0.00	51.29 0.90 0.00	59.33 1.47 0.00	57.53 1.07 0.00	90.69 2.21 0.00	75.81 1.25 0.00	63.98 0.53 0.00	88.85 0.70 0.00	66.77 -0.19 0.00	78.32 -1.97 0.00	116.32 -3.29 0.00	140.05 -3.11 0.00	69.13 -1.29 0.00	73.96 -0.93 0.00	76.75 0.38 0.00	56.09 0.51 0.00	39.45 0.67 0.00
SAWYER___23_KV_LOAD 55526	35.90 1.51 0.00	33.19 0.71 0.00	36.01 0.83 0.00	37.05 1.08 0.00	37.98 1.19 0.00	36.45 0.71 0.00	38.16 0.84 0.00	39.48 0.46 0.00	51.29 0.90 0.00	59.33 1.47 0.00	57.53 1.07 0.00	90.69 2.21 0.00	75.81 1.25 0.00	63.98 0.53 0.00	88.85 0.70 0.00	66.77 -0.19 0.00	78.32 -1.97 0.00	116.32 -3.29 0.00	140.05 -3.11 0.00	69.13 -1.29 0.00	73.96 -0.93 0.00	76.75 0.38 0.00	56.09 0.51 0.00	39.45 0.67 0.00
SELKIRK___I 23801	35.30 0.91 0.00	33.60 1.13 0.00	36.47 1.29 0.00	37.21 1.24 0.00	38.02 1.23 0.00	37.06 1.32 0.00	38.47 1.15 0.00	40.46 1.16 -0.29	51.74 1.34 0.00	59.20 1.35 0.00	57.26 0.80 0.00	88.44 -0.04 0.00	73.95 -0.61 0.00	1.26 -0.36 61.82	46.61 -0.82 40.71	66.59 -0.37 0.00	79.90 -0.39 0.00	119.31 -0.30 0.00	142.56 -0.61 0.00	70.27 -0.15 0.00	75.09 0.20 0.00	76.23 -0.14 0.00	55.90 0.31 0.00	39.79 1.01 0.00
SELKIRK___II 23799	35.05 0.67 0.00	33.36 0.89 0.00	36.18 1.01 0.00	36.91 0.95 0.00	37.71 0.93 0.00	36.76 1.02 0.00	38.18 0.86 0.00	40.20 0.87 -0.31	51.38 0.99 0.00	58.80 0.95 0.00	56.90 0.44 0.00	88.35 -0.12 0.00	74.48 -0.08 0.00	-163.70 0.08 227.24	-61.52 -0.03 149.64	67.19 0.23 0.00	80.65 0.36 0.00	120.29 0.68 0.00	143.65 0.49 0.00	70.79 0.37 0.00	75.66 0.78 0.00	76.81 0.44 0.00	56.04 0.45 0.00	39.52 0.73 0.00
SENECA OSWGO___HYD 24041	36.09 -0.50 -2.20	33.13 -0.57 -1.22	34.81 -0.64 -0.27	35.42 -0.64 -0.09	36.42 -0.64 -0.27	35.20 -0.62 -0.08	36.72 -0.63 -0.04	38.33 -0.68 0.00	52.28 -0.83 -2.72	66.41 -0.87 -9.42	63.39 -0.78 -7.72	98.66 -0.97 -11.16	86.69 -0.71 -12.84	73.20 -0.55 -10.30	98.27 -0.67 -10.79	80.28 -0.61 -13.93	94.40 -0.85 -14.96	136.65 -1.41 -18.44	163.19 -1.65 -21.68	85.90 -0.83 -16.30	88.37 -0.85 -14.33	85.15 -0.82 -9.60	60.26 -0.74 -5.41	40.66 -0.54 -2.42
SENECA___115KV_TB3 355854	36.22 1.84 0.00	33.51 1.04 0.00	36.36 1.18 0.00	37.39 1.42 0.00	38.33 1.54 0.00	36.80 1.06 0.00	38.53 1.22 0.00	39.95 0.93 0.00	51.96 1.56 0.00	60.15 2.30 0.00	58.40 1.94 0.00	92.12 3.65 0.00	77.03 2.47 0.00	65.08 1.63 0.00	90.44 2.30 0.00	67.97 1.01 0.00	79.81 -0.48 0.00	118.53 -1.08 0.00	142.45 -0.71 0.00	70.24 -0.18 0.00	75.09 0.21 0.00	77.89 1.52 0.00	56.88 1.29 0.00	39.95 1.17 0.00
SENECA___ENERGY 23797	35.86 0.57 -0.91	33.28 0.30 -0.51	35.58 0.29 -0.11	36.36 0.36 -0.04	37.29 0.39 -0.11	36.10 0.33 -0.03	37.80 0.46 -0.02	39.37 0.36 0.00	52.12 0.59 -1.13	62.54 0.77 -3.91	60.36 0.71 -3.20	94.55 1.45 -4.63	81.06 1.18 -5.33	68.76 1.04 -4.27	94.09 1.47 -4.48	73.64 0.90 -5.78	87.18 0.68 -6.20	128.40 1.14 -7.65	153.61 1.46 -8.99	77.96 0.77 -6.76	81.70 0.87 -5.94	81.56 1.21 -3.98	58.54 0.76 -2.20	40.28 0.51 -0.98
SHOEMAKER___GT 23640	35.52 1.13 0.00	33.72 1.25 0.00	36.49 1.32 0.00	37.26 1.29 0.00	38.12 1.33 0.00	37.07 1.33 0.00	38.76 1.45 0.00	39.46 1.54 1.10	52.29 1.90 0.00	60.08 2.22 0.00	58.39 1.94 0.00	91.16 2.69 0.00	77.18 2.62 0.00	65.88 2.43 0.00	91.67 3.52 0.00	69.77 2.81 0.00	83.92 3.63 0.00	124.95 5.34 0.00	148.98 5.82 0.00	73.13 2.71 0.00	78.01 3.12 0.00	79.30 2.93 0.00	57.63 2.04 0.00	40.31 1.52 0.00
SHOEMAKR_138KV_BK 111 55601	35.47 1.09 0.00	33.68 1.21 0.00	36.45 1.27 0.00	37.22 1.26 0.00	38.06 1.27 0.00	37.02 1.28 0.00	38.72 1.40 0.00	39.46 1.49 1.04	52.25 1.85 0.00	60.04 2.18 0.00	58.37 1.92 0.00	91.16 2.68 0.00	77.12 2.56 0.00	65.84 2.40 0.00	91.66 3.52 0.00	69.76 2.79 0.00	83.89 3.60 0.00	124.87 5.25 0.00	148.84 5.67 0.00	73.03 2.61 0.00	77.91 3.02 0.00	79.19 2.81 0.00	57.54 1.95 0.00	40.26 1.47 0.00
SHOREHAM_IC_1 23715	36.79 2.40 0.00	34.90 2.43 0.00	37.51 2.33 0.00	38.22 2.26 0.00	39.33 2.54 0.00	38.27 2.53 0.00	40.00 2.68 0.00	42.96 2.54 -1.40	52.56 2.16 0.00	59.79 1.93 0.00	59.46 3.00 0.00	91.91 3.43 0.00	78.25 3.57 -0.12	67.08 3.63 0.00	159.78 6.21 -65.43	205.36 4.31 -134.09	86.00 5.71 -0.01	197.96 8.95 -69.40	231.07 7.70 -80.21	158.83 4.03 -84.37	214.19 4.63 -134.67	77.89 4.45 2.93	59.64 3.71 -0.35	43.88 3.39 -1.70
SHOREHAM_IC_2 23716	36.79 2.40 0.00	34.90 2.43 0.00	37.51 2.33 0.00	38.22 2.26 0.00	39.33 2.54 0.00	38.27 2.53 0.00	40.00 2.68 0.00	42.96 2.54 -1.40	52.56 2.16 0.00	59.79 1.93 0.00	59.46 3.00 0.00	91.91 3.43 0.00	78.25 3.57 -0.12	67.08 3.63 0.00	159.78 6.21 -65.43	205.36 4.31 -134.09	86.00 5.71 -0.01	197.96 8.95 -69.40	231.07 7.70 -80.21	158.83 4.03 -84.37	214.19 4.63 -134.67	77.89 4.45 2.93	59.64 3.71 -0.35	43.88 3.39 -1.70

SISSONVILLE____ 23735	34.56 -0.06 -0.23	32.35 -0.26 -0.13	34.93 -0.27 -0.03	35.73 -0.25 -0.01	36.40 -0.42 -0.03	35.09 -0.66 -0.01	36.80 -0.52 0.00	38.41 -0.60 0.00	49.86 -0.83 -0.28	57.82 -1.02 -0.99	56.60 -0.67 -0.80	88.68 -0.96 -1.17	74.40 -1.51 -1.34	62.97 -1.55 -1.08	86.95 -2.33 -1.13	66.69 -1.73 -1.46	80.17 -1.69 -1.57	119.18 -2.36 -1.93	143.20 -2.23 -2.27	71.19 -0.94 -1.71	74.95 -1.43 -1.50	76.19 -1.15 -0.97	55.62 -0.02 -0.05	38.68 -0.10 0.00
SITHE_IND_GS1 24169	27.15 -0.91 6.33	28.00 -0.95 3.52	33.36 -1.04 0.78	34.67 -1.05 0.25	34.95 -1.06 0.78	34.46 -1.04 0.23	36.11 -1.07 0.13	37.86 -1.16 0.00	41.15 -1.43 7.82	29.16 -1.55 27.14	32.72 -1.51 22.22	54.17 -2.17 32.14	35.76 -1.80 37.00	32.27 -1.51 29.67	54.98 -2.07 31.10	25.20 -1.64 40.13	35.11 -2.09 43.10	63.33 -3.15 53.13	76.92 -3.79 62.46	21.60 -1.86 46.97	31.67 -1.94 41.28	46.87 -1.88 27.63	39.01 -1.43 15.14	31.01 -1.02 6.75
SITHE_IND_GS2 24170	27.15 -0.91 6.33	28.00 -0.95 3.52	33.36 -1.04 0.78	34.67 -1.05 0.25	34.95 -1.06 0.78	34.46 -1.04 0.23	36.11 -1.07 0.13	37.86 -1.16 0.00	41.15 -1.43 7.82	29.16 -1.55 27.14	32.72 -1.51 22.22	54.17 -2.17 32.14	35.76 -1.80 37.00	32.27 -1.51 29.67	54.98 -2.07 31.10	25.20 -1.64 40.13	35.11 -2.09 43.10	63.33 -3.15 53.13	76.92 -3.79 62.46	21.60 -1.86 46.97	31.67 -1.94 41.28	46.87 -1.88 27.63	39.01 -1.43 15.14	31.01 -1.02 6.75
SITHE_IND_GS3 24171	27.15 -0.91 6.33	28.00 -0.95 3.52	33.36 -1.04 0.78	34.67 -1.05 0.25	34.95 -1.06 0.78	34.46 -1.04 0.23	36.11 -1.07 0.13	37.86 -1.16 0.00	41.15 -1.43 7.82	29.16 -1.55 27.14	32.72 -1.51 22.22	54.17 -2.17 32.14	35.76 -1.80 37.00	32.27 -1.51 29.67	54.98 -2.07 31.10	25.20 -1.64 40.13	35.11 -2.09 43.10	63.33 -3.15 53.13	76.92 -3.79 62.46	21.60 -1.86 46.97	31.67 -1.94 41.28	46.87 -1.88 27.63	39.01 -1.43 15.14	31.01 -1.02 6.75
SITHE_IND_GS4 24172	27.15 -0.91 6.33	28.00 -0.95 3.52	33.36 -1.04 0.78	34.67 -1.05 0.25	34.95 -1.06 0.78	34.46 -1.04 0.23	36.11 -1.07 0.13	37.86 -1.16 0.00	41.15 -1.43 7.82	29.16 -1.55 27.14	32.72 -1.51 22.22	54.17 -2.17 32.14	35.76 -1.80 37.00	32.27 -1.51 29.67	54.98 -2.07 31.10	25.20 -1.64 40.13	35.11 -2.09 43.10	63.33 -3.15 53.13	76.92 -3.79 62.46	21.60 -1.86 46.97	31.67 -1.94 41.28	46.87 -1.88 27.63	39.01 -1.43 15.14	31.01 -1.02 6.75
SITHE____BATAVIA 24024	36.73 2.35 0.00	34.04 1.57 0.00	36.88 1.70 0.00	37.89 1.92 0.00	38.85 2.06 0.00	37.36 1.62 0.00	39.11 1.80 0.00	40.40 1.39 0.00	52.51 2.11 0.00	60.73 2.87 0.00	59.01 2.55 0.00	92.77 4.29 0.00	76.76 2.20 0.00	65.03 1.58 0.00	90.35 2.20 0.00	68.02 1.06 0.00	80.33 0.04 0.00	119.20 -0.41 0.00	143.18 0.01 0.00	70.79 0.36 0.00	75.66 0.77 0.00	78.23 1.86 0.00	57.13 1.54 0.00	40.56 1.77 0.00
SITHE____INDEPEND 23800	27.15 -0.91 6.33	28.00 -0.95 3.52	33.36 -1.04 0.78	34.67 -1.04 0.25	34.95 -1.06 0.78	34.46 -1.04 0.23	36.11 -1.07 0.13	37.86 -1.15 0.00	41.15 -1.42 7.82	29.16 -1.55 27.14	32.72 -1.51 22.22	54.17 -2.17 32.14	35.76 -1.80 37.00	32.26 -1.52 29.67	54.98 -2.06 31.10	25.20 -1.64 40.13	35.11 -2.09 43.10	63.33 -3.15 53.13	76.91 -3.80 62.46	21.60 -1.86 46.97	31.66 -1.94 41.28	46.86 -1.89 27.63	39.01 -1.43 15.14	31.01 -1.03 6.75
SITHE____MASSENA 23902	34.41 0.03 0.00	32.33 -0.14 0.00	34.97 -0.20 0.00	35.82 -0.14 0.00	36.63 -0.16 0.00	35.50 -0.24 0.00	37.17 -0.14 0.00	38.89 -0.12 0.00	50.21 -0.19 0.00	57.56 -0.30 0.00	56.51 0.06 0.00	88.62 0.15 0.00	74.38 -0.18 0.00	63.00 -0.45 0.00	87.37 -0.77 0.00	66.40 -0.56 0.00	79.79 -0.50 0.00	118.85 -0.77 0.00	142.85 -0.31 0.00	70.24 -0.18 0.00	74.30 -0.58 0.00	76.00 -0.37 0.00	55.59 0.00 0.00	38.68 -0.10 0.00
SITHE____OGDNSBRG 24021	35.02 0.63 0.00	32.85 0.38 0.00	35.52 0.34 0.00	36.35 0.38 0.00	37.11 0.32 0.00	35.89 0.15 0.00	37.63 0.32 0.00	39.31 0.30 0.00	50.71 0.31 0.00	58.16 0.31 0.00	57.27 0.81 0.00	89.97 1.50 0.00	75.38 0.82 0.00	63.87 0.43 0.00	88.55 0.40 0.00	67.41 0.45 0.00	81.15 0.86 0.00	120.48 0.87 0.00	144.83 1.67 0.00	71.35 0.93 0.00	75.42 0.54 0.00	77.19 0.82 0.00	56.66 1.07 0.00	39.38 0.59 0.00
SITHE____STERLING 23777	35.76 1.02 -0.35	33.54 0.88 -0.20	36.09 0.87 -0.04	36.84 0.86 -0.01	37.73 0.90 -0.04	36.68 0.93 -0.01	38.33 1.00 -0.01	40.07 1.06 0.00	52.24 1.40 -0.43	61.07 1.71 -1.51	59.59 1.90 -1.23	93.55 3.29 -1.78	79.44 2.83 -2.05	67.72 2.63 -1.65	93.53 3.66 -1.72	71.83 2.65 -2.23	85.89 3.21 -2.39	127.25 4.69 -2.95	152.28 5.65 -3.46	76.05 3.02 -2.60	80.46 3.28 -2.29	81.28 3.38 -1.53	58.59 2.19 -0.81	40.53 1.39 -0.36
SLEIGHT__34_KV_TB1 80719	36.42 1.29 -0.74	33.82 0.94 -0.41	36.21 0.95 -0.09	37.03 1.03 -0.03	37.93 1.05 -0.09	36.78 1.02 -0.03	38.51 1.18 -0.02	40.17 1.15 0.00	52.94 1.63 -0.91	63.10 2.09 -3.16	61.41 2.37 -2.58	96.54 4.33 -3.74	82.56 3.70 -4.30	70.27 3.37 -3.45	96.50 4.74 -3.61	75.03 3.40 -4.66	88.93 3.63 -5.01	130.58 4.80 -6.18	156.06 5.63 -7.26	78.56 2.68 -5.46	82.57 2.88 -4.80	82.65 3.06 -3.21	59.53 2.17 -1.78	40.95 1.37 -0.79
SOUTH CAIRO____GT 23612	36.66 2.27 0.00	34.77 2.30 0.00	37.68 2.50 0.00	38.40 2.44 0.00	39.23 2.44 0.00	38.25 2.51 0.00	39.74 2.43 0.00	41.80 2.57 -0.22	53.49 3.09 0.00	60.96 3.10 0.00	59.10 2.64 0.00	91.78 3.30 0.00	77.34 2.78 0.00	-11.51 2.13 77.09	40.98 3.60 50.77	70.39 3.42 0.00	84.08 3.79 0.00	126.07 6.46 0.00	151.24 8.07 0.00	74.92 4.50 0.00	80.06 5.17 0.00	81.19 4.82 0.00	58.97 3.38 0.00	41.47 2.68 0.00
SOUTH HAMPTN____IC 23720	37.67 3.28 0.00	35.67 3.20 0.00	38.34 3.16 0.00	39.06 3.09 0.00	40.14 3.35 0.00	39.06 3.32 0.00	40.89 3.57 0.00	44.03 3.62 -1.40	54.90 4.50 0.00	62.48 4.63 0.00	61.12 4.66 0.00	94.70 6.22 0.00	80.68 6.01 -0.12	69.25 5.80 0.00	159.72 9.20 -62.38	201.79 6.94 -127.90	88.70 8.40 -0.01	194.98 12.63 -62.74	228.50 13.05 -72.28	155.24 6.37 -78.44	211.63 7.45 -129.29	79.99 6.56 2.95	61.10 5.17 -0.34	44.89 4.41 -1.70
SOUTHDOW_115KV_TB1 355954	36.94 2.56 0.00	34.31 1.84 0.00	37.32 2.14 0.00	38.28 2.31 0.00	39.20 2.41 0.00	37.65 1.91 0.00	39.54 2.22 0.00	41.17 2.15 0.00	53.68 3.28 0.00	62.28 4.43 0.00	60.34 3.88 0.00	94.99 6.51 0.00	79.38 4.83 0.00	66.41 2.96 0.00	92.57 4.42 0.00	69.68 2.71 0.00	81.89 1.60 0.00	120.62 1.01 0.00	145.07 1.91 0.00	71.10 0.67 0.00	76.34 1.45 0.00	80.08 3.71 0.00	58.55 2.96 0.00	41.02 2.24 0.00
SOUTHOLD_69_KV_BK 2 55809	38.68 4.29 0.00	36.57 4.10 0.00	39.28 4.10 0.00	39.99 4.02 0.00	41.08 4.29 0.00	39.96 4.22 0.00	41.90 4.58 0.00	45.16 4.75 -1.40	56.53 6.13 0.00	64.42 6.56 0.00	62.93 6.48 0.00	97.83 9.35 0.00	83.30 8.62 -0.12	71.43 7.98 0.00	162.84 12.27 -62.42	203.77 8.84 -127.97	89.88 9.58 -0.01	196.87 14.39 -62.86	230.65 15.06 -72.43	156.61 7.65 -78.54	214.26 10.02 -129.35	82.45 9.03 2.94	62.83 6.90 -0.34	46.07 5.60 -1.70

SOUTHOLD___IC 23719	38.68 4.29 0.00	36.57 4.09 0.00	39.28 4.10 0.00	39.99 4.03 0.00	41.08 4.29 0.00	39.96 4.23 0.00	41.90 4.58 0.00	45.16 4.75 -1.40	56.53 6.13 0.00	64.43 6.57 0.00	62.93 6.48 0.00	97.83 9.36 0.00	83.29 8.62 -0.12	71.41 7.96 0.00	162.84 12.27 -62.42	203.77 8.84 -127.97	89.88 9.58 -0.01	196.86 14.38 -62.86	230.67 15.08 -72.43	156.61 7.65 -78.54	214.26 10.02 -129.35	82.46 9.03 2.94	62.82 6.89 -0.34	46.08 5.60 -1.70
SPIERFLS_115KV_TB 1 80737	36.39 2.00 0.00	34.56 2.09 0.00	37.40 2.22 0.00	38.12 2.16 0.00	38.89 2.11 0.00	37.98 2.23 0.00	39.51 2.19 0.00	41.74 2.42 -0.31	53.35 2.95 0.00	61.17 3.32 0.00	59.65 3.20 0.00	93.02 4.55 0.00	78.16 3.60 0.00	67.42 3.97 0.00	93.31 5.16 0.00	71.35 4.38 0.00	85.43 5.14 0.00	127.13 7.52 0.00	152.87 9.70 0.00	75.05 4.63 0.00	80.36 5.47 0.00	81.99 5.62 0.00	59.44 3.85 0.00	41.55 2.77 0.00
ST LAWRENCE____ 23600	34.01 -0.38 0.00	31.95 -0.52 0.00	34.58 -0.60 0.00	35.42 -0.55 0.00	36.24 -0.55 0.00	35.14 -0.60 0.00	36.79 -0.53 0.00	38.51 -0.50 0.00	49.72 -0.68 0.00	56.98 -0.88 0.00	55.88 -0.57 0.00	87.63 -0.85 0.00	73.62 -0.94 0.00	62.37 -1.08 0.00	86.51 -1.63 0.00	65.76 -1.20 0.00	78.97 -1.32 0.00	117.71 -1.91 0.00	141.48 -1.69 0.00	69.54 -0.89 0.00	73.57 -1.32 0.00	75.22 -1.15 0.00	54.93 -0.65 0.00	38.22 -0.56 0.00
STATE_CA_115KV_115_LB 55624	35.19 0.80 0.00	33.49 1.02 0.00	36.29 1.12 0.00	37.00 1.04 0.00	37.81 1.02 0.00	36.87 1.13 0.00	38.31 0.99 0.00	40.36 1.02 -0.32	51.62 1.22 0.00	59.20 1.34 0.00	57.62 1.16 0.00	89.75 1.28 0.00	75.77 1.21 0.00	64.81 1.37 0.00	89.98 1.83 0.00	68.48 1.52 0.00	82.14 1.85 0.00	122.36 2.75 0.00	146.06 2.90 0.00	71.91 1.49 0.00	76.77 1.88 0.00	77.89 1.52 0.00	56.75 1.16 0.00	39.86 1.07 0.00
STATE_ST_34_KV_LOAD 55959	36.44 0.96 -1.09	33.80 0.72 -0.61	36.10 0.79 -0.13	36.88 0.88 -0.04	37.76 0.83 -0.14	36.53 0.75 -0.04	38.32 0.99 -0.02	39.83 0.81 0.00	52.88 1.13 -1.35	63.99 1.45 -4.69	61.44 1.15 -3.84	96.16 2.14 -5.55	82.83 1.88 -6.39	70.32 1.75 -5.12	96.03 2.52 -5.37	75.66 1.77 -6.93	89.70 1.96 -7.44	132.31 3.53 -9.17	158.25 4.30 -10.78	80.60 2.07 -8.11	84.22 2.20 -7.12	83.66 2.52 -4.77	59.97 1.75 -2.63	41.02 1.07 -1.17
STATION 5_MISC_HYD 23604	35.75 1.36 0.00	33.25 0.78 0.00	36.01 0.83 0.00	36.94 0.97 0.00	37.82 1.03 0.00	36.48 0.74 0.00	38.20 0.89 0.00	39.77 0.76 0.00	51.68 1.28 0.00	59.72 1.87 0.00	58.09 1.63 0.00	91.56 3.08 0.00	76.95 2.39 0.00	65.24 1.80 0.00	90.69 2.55 0.00	68.44 1.48 0.00	81.04 0.75 0.00	120.48 0.87 0.00	144.50 1.33 0.00	71.21 0.79 0.00	75.90 1.01 0.00	78.07 1.70 0.00	56.79 1.21 0.00	39.78 0.99 0.00
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	35.85 1.24 -0.23	33.36 0.76 -0.13	35.99 0.78 -0.03	36.86 0.88 -0.01	37.76 0.94 -0.03	36.51 0.76 -0.01	38.24 0.92 0.00	39.89 0.87 0.00	52.12 1.44 -0.28	60.84 2.00 -0.98	59.24 1.98 -0.80	93.27 3.63 -1.17	78.93 3.03 -1.34	66.95 2.43 -1.08	92.74 3.47 -1.13	70.74 2.32 -1.46	83.94 2.08 -1.57	124.15 2.61 -1.93	148.72 3.28 -2.27	73.79 1.66 -1.71	78.22 1.83 -1.50	79.64 2.26 -1.00	57.64 1.49 -0.56	40.11 1.08 -0.25
STA_56_34_KV_BUS2_REV_LBMP_B 345033	35.48 1.10 0.00	33.01 0.54 0.00	35.74 0.56 0.00	36.66 0.69 0.00	37.52 0.73 0.00	36.22 0.49 0.00	37.93 0.62 0.00	39.52 0.51 0.00	51.36 0.96 0.00	59.38 1.52 0.00	57.84 1.39 0.00	91.21 2.73 0.00	76.71 2.16 0.00	65.09 1.65 0.00	90.49 2.34 0.00	68.32 1.36 0.00	80.97 0.68 0.00	120.23 0.62 0.00	144.17 1.00 0.00	71.00 0.58 0.00	75.62 0.73 0.00	77.69 1.32 0.00	56.49 0.90 0.00	39.51 0.73 0.00
STA_56___34_KV_BUS2 355983	35.48 1.10 0.00	33.01 0.54 0.00	35.74 0.56 0.00	36.66 0.69 0.00	37.52 0.73 0.00	36.22 0.49 0.00	37.93 0.62 0.00	39.52 0.51 0.00	51.36 0.96 0.00	59.38 1.52 0.00	57.84 1.39 0.00	91.21 2.73 0.00	76.71 2.16 0.00	65.09 1.65 0.00	90.49 2.34 0.00	68.32 1.36 0.00	80.97 0.68 0.00	120.23 0.62 0.00	144.17 1.00 0.00	71.00 0.58 0.00	75.62 0.73 0.00	77.69 1.32 0.00	56.49 0.90 0.00	39.51 0.73 0.00
STA_67___115KV_BK2 355882	35.65 1.26 0.00	33.16 0.69 0.00	35.91 0.74 0.00	36.84 0.87 0.00	37.73 0.94 0.00	36.38 0.64 0.00	38.10 0.78 0.00	39.66 0.64 0.00	51.51 1.11 0.00	59.53 1.67 0.00	57.88 1.43 0.00	91.23 2.75 0.00	76.64 2.09 0.00	64.97 1.52 0.00	90.31 2.16 0.00	68.15 1.19 0.00	80.70 0.40 0.00	119.98 0.37 0.00	143.94 0.77 0.00	70.94 0.52 0.00	75.62 0.73 0.00	77.79 1.42 0.00	56.61 1.02 0.00	39.64 0.86 0.00
STA_7___115KV_9TRANS 80674	35.99 1.60 0.00	33.45 0.98 0.00	36.22 1.05 0.00	37.15 1.18 0.00	38.03 1.24 0.00	36.69 0.95 0.00	38.42 1.10 0.00	40.02 1.01 0.00	52.02 1.62 0.00	60.16 2.31 0.00	58.56 2.10 0.00	92.33 3.86 0.00	77.61 3.05 0.00	65.85 2.40 0.00	91.58 3.43 0.00	69.11 2.14 0.00	81.82 1.53 0.00	121.55 1.93 0.00	145.78 2.61 0.00	71.83 1.40 0.00	76.52 1.63 0.00	78.69 2.32 0.00	57.24 1.65 0.00	40.07 1.29 0.00
STA_82___115KV_TB1 80780	35.68 1.29 0.00	33.18 0.71 0.00	35.95 0.77 0.00	36.87 0.90 0.00	37.76 0.97 0.00	36.42 0.68 0.00	38.13 0.82 0.00	39.69 0.67 0.00	51.55 1.15 0.00	59.57 1.71 0.00	57.91 1.45 0.00	91.27 2.79 0.00	76.69 2.13 0.00	65.03 1.58 0.00	90.38 2.23 0.00	68.21 1.24 0.00	80.78 0.48 0.00	120.10 0.49 0.00	144.08 0.91 0.00	71.00 0.58 0.00	75.69 0.81 0.00	77.86 1.48 0.00	56.65 1.06 0.00	39.68 0.89 0.00
STEEL___WIND 323596	36.19 1.80 0.00	33.49 1.02 0.00	36.32 1.15 0.00	37.35 1.39 0.00	38.30 1.52 0.00	36.78 1.04 0.00	38.50 1.19 0.00	39.89 0.88 0.00	51.89 1.49 0.00	60.08 2.23 0.00	58.32 1.87 0.00	91.99 3.51 0.00	76.91 2.35 0.00	64.99 1.54 0.00	90.29 2.15 0.00	67.86 0.90 0.00	79.69 -0.60 0.00	118.39 -1.22 0.00	142.18 -0.99 0.00	70.16 -0.26 0.00	75.03 0.15 0.00	77.80 1.43 0.00	56.83 1.24 0.00	39.93 1.14 0.00
STEPHTWN_115KV_BK_2 55603	35.22 0.83 0.00	33.49 1.02 0.00	36.33 1.16 0.00	37.04 1.07 0.00	37.87 1.09 0.00	36.91 1.17 0.00	38.43 1.12 0.00	40.57 1.23 -0.32	51.84 1.44 0.00	59.20 1.35 0.00	57.88 1.42 0.00	89.95 1.47 0.00	75.90 1.34 0.00	64.90 1.46 0.00	89.96 1.81 0.00	68.61 1.65 0.00	82.10 1.81 0.00	122.45 2.84 0.00	146.17 3.00 0.00	72.06 1.64 0.00	76.87 1.98 0.00	78.06 1.69 0.00	56.77 1.18 0.00	39.94 1.16 0.00
STEUBEN_REC_LFGE 323667	36.55 1.84 -0.32	33.87 1.22 -0.18	36.54 1.33 -0.04	37.53 1.55 -0.01	38.59 1.76 -0.04	37.32 1.57 -0.01	39.06 1.74 -0.01	40.68 1.67 0.00	53.07 2.27 -0.40	62.06 2.81 -1.39	60.08 2.50 -1.13	94.25 4.14 -1.63	79.40 2.96 -1.88	67.23 2.27 -1.51	93.08 3.35 -2.04	71.07 2.07 -2.19	84.22 1.74 -2.19	124.58 2.26 -2.71	149.52 3.17 -3.18	74.56 1.75 -2.39	79.09 2.10 -2.10	80.49 2.71 -1.41	58.66 2.30 -0.78	40.97 1.84 -0.35

STONY___BROOK 24151	37.09 2.70 0.00	35.17 2.70 0.00	37.89 2.71 0.00	38.64 2.67 0.00	39.64 2.85 0.00	38.55 2.81 0.00	40.39 3.07 0.00	43.53 3.12 -1.40	54.31 3.91 0.00	61.62 3.76 0.00	59.59 3.14 0.00	91.93 3.46 0.00	78.69 4.02 -0.10	67.54 4.09 0.00	176.62 6.34 -82.13	239.72 4.64 -168.12	86.37 6.07 -0.01	231.24 9.22 -102.41	271.78 9.19 -119.42	189.57 4.28 -114.86	244.95 4.97 -165.10	77.66 4.19 2.91	59.59 3.70 -0.30	44.00 3.51 -1.70
STURGEON_POOL_HYD 23609	35.52 1.14 0.00	33.80 1.33 0.00	36.57 1.39 0.00	37.33 1.36 0.00	38.17 1.39 0.00	37.17 1.43 0.00	38.87 1.55 0.00	40.57 1.56 0.00	52.40 2.01 0.00	60.25 2.40 0.00	58.80 2.35 0.00	91.98 3.50 0.00	77.94 3.38 0.00	46.34 3.27 20.37	79.67 4.94 13.41	70.82 3.86 0.00	85.26 4.96 0.00	126.56 6.94 0.00	150.40 7.24 0.00	73.67 3.25 0.00	78.58 3.69 0.00	79.77 3.40 0.00	57.91 2.32 0.00	40.44 1.66 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	35.49 1.11 0.00	33.72 1.25 0.00	36.45 1.27 0.00	37.22 1.26 0.00	38.08 1.29 0.00	37.06 1.32 0.00	38.76 1.44 0.00	39.28 1.56 1.29	52.37 1.97 0.00	60.21 2.36 0.00	58.66 2.21 0.00	91.61 3.13 0.00	77.49 2.93 0.00	66.21 2.76 0.00	92.30 4.16 0.00	70.18 3.22 0.00	84.38 4.09 0.00	125.46 5.85 0.00	149.36 6.19 0.00	73.20 2.78 0.00	78.04 3.16 0.00	79.27 2.90 0.00	57.61 2.02 0.00	40.29 1.51 0.00
SWANROAD_115KV_TB1 355699	35.28 0.89 0.00	32.74 0.27 0.00	35.65 0.47 0.00	36.70 0.73 0.00	37.61 0.82 0.00	36.05 0.31 0.00	37.72 0.41 0.00	38.64 -0.37 0.00	50.05 -0.35 0.00	57.93 0.08 0.00	56.08 -0.38 0.00	88.33 -0.15 0.00	73.77 -0.79 0.00	62.15 -1.30 0.00	86.26 -1.89 0.00	64.77 -2.19 0.00	75.85 -4.44 0.00	112.65 -6.96 0.00	135.85 -7.31 0.00	67.18 -3.24 0.00	71.98 -2.91 0.00	74.83 -1.54 0.00	54.81 -0.78 0.00	38.63 -0.15 0.00
SYNERGY___BIOGAS 323694	36.73 2.35 0.00	34.04 1.57 0.00	36.88 1.70 0.00	37.89 1.92 0.00	38.85 2.06 0.00	37.36 1.62 0.00	39.11 1.80 0.00	40.40 1.39 0.00	52.51 2.11 0.00	60.73 2.87 0.00	59.01 2.55 0.00	92.77 4.29 0.00	76.76 2.20 0.00	65.03 1.58 0.00	90.35 2.20 0.00	68.02 1.06 0.00	80.33 0.04 0.00	119.20 -0.41 0.00	143.18 0.01 0.00	70.79 0.36 0.00	75.66 0.77 0.00	78.23 1.86 0.00	57.13 1.54 0.00	40.56 1.77 0.00
SYRACUSE___ENERGY_ST1 323597	35.69 0.07 -1.22	33.11 -0.04 -0.68	35.26 -0.07 -0.15	35.96 -0.05 -0.05	36.88 -0.06 -0.15	35.74 -0.04 -0.04	37.34 0.00 -0.02	38.94 -0.08 0.00	51.86 -0.05 -1.51	63.05 -0.05 -5.25	60.70 -0.05 -4.30	94.91 0.22 -6.21	81.91 0.20 -7.15	69.42 0.24 -5.73	94.60 0.44 -6.01	74.97 0.26 -7.76	88.80 0.17 -8.33	130.08 0.20 -10.27	155.39 0.15 -12.08	79.54 0.04 -9.08	82.90 0.03 -7.98	81.91 0.19 -5.34	58.66 0.12 -2.95	40.19 0.09 -1.32
SYRACUSE___ENERGY_ST2 323598	35.69 0.07 -1.22	33.11 -0.04 -0.68	35.26 -0.07 -0.15	35.96 -0.05 -0.05	36.88 -0.06 -0.15	35.74 -0.04 -0.04	37.34 0.00 -0.02	38.94 -0.08 0.00	51.86 -0.05 -1.51	63.05 -0.05 -5.25	60.70 -0.05 -4.30	94.91 0.22 -6.21	81.91 0.20 -7.15	69.42 0.24 -5.73	94.60 0.44 -6.01	74.97 0.26 -7.76	88.80 0.17 -8.33	130.08 0.20 -10.27	155.39 0.15 -12.08	79.54 0.04 -9.08	82.90 0.03 -7.98	81.91 0.19 -5.34	58.66 0.12 -2.95	40.19 0.09 -1.32
SYRACUSE___POWER 24017	35.29 0.10 -0.80	32.90 -0.02 -0.45	35.22 -0.05 -0.10	35.95 -0.05 -0.03	36.85 -0.04 -0.10	35.74 -0.04 -0.03	37.33 0.00 -0.02	38.99 -0.02 0.00	51.46 0.08 -0.99	61.48 0.19 -3.44	59.50 0.23 -2.81	93.21 0.66 -4.07	79.87 0.63 -4.69	67.80 0.60 -3.76	93.00 0.92 -3.94	72.64 0.60 -5.08	86.32 0.57 -5.46	127.15 0.81 -6.73	151.99 0.91 -7.91	76.80 0.43 -5.95	80.57 0.46 -5.22	80.47 0.59 -3.50	57.81 0.30 -1.92	39.81 0.18 -0.85
TALLMAN__138KV_BK151 55660	35.59 1.21 0.00	33.82 1.35 0.00	36.56 1.38 0.00	37.33 1.36 0.00	38.20 1.41 0.00	37.15 1.41 0.00	38.92 1.60 0.00	38.99 1.75 1.78	52.60 2.20 0.00	60.51 2.66 0.00	58.86 2.40 0.00	91.80 3.32 0.00	77.64 3.09 0.00	66.36 2.92 0.00	92.55 4.41 0.00	70.42 3.46 0.00	84.70 4.41 0.00	125.97 6.36 0.00	149.86 6.69 0.00	73.39 2.97 0.00	78.24 3.35 0.00	79.46 3.08 0.00	57.73 2.15 0.00	40.39 1.61 0.00
TEALLAVE_115KV_TB7 355573	34.94 -0.10 -0.66	32.63 -0.20 -0.36	35.01 -0.25 -0.08	35.75 -0.24 -0.03	36.62 -0.25 -0.08	35.52 -0.24 -0.02	37.10 -0.22 -0.01	38.77 -0.25 0.00	51.00 -0.21 -0.81	60.58 -0.09 -2.81	58.70 -0.05 -2.30	92.04 0.23 -3.33	78.66 0.27 -3.83	66.80 0.28 -3.07	91.84 0.47 -3.22	71.36 0.24 -4.16	84.87 0.11 -4.46	125.24 0.12 -5.50	149.70 0.06 -6.47	75.28 -0.01 -4.86	79.17 0.01 -4.27	79.33 0.10 -2.86	57.10 -0.05 -1.56	39.42 -0.06 -0.69
TELGRAPH_34_KV_EAST 80808	35.99 1.61 0.00	33.35 0.88 0.00	36.21 1.03 0.00	37.24 1.27 0.00	38.18 1.39 0.00	36.65 0.91 0.00	38.37 1.05 0.00	39.52 0.50 0.00	51.28 0.88 0.00	59.36 1.50 0.00	57.66 1.21 0.00	90.79 2.32 0.00	75.85 1.29 0.00	64.07 0.63 0.00	88.96 0.82 0.00	66.89 -0.07 0.00	78.54 -1.76 0.00	116.37 -3.24 0.00	140.01 -3.15 0.00	69.19 -1.23 0.00	74.04 -0.84 0.00	76.78 0.41 0.00	56.11 0.53 0.00	39.53 0.74 0.00
TEMPLE___115KV_TB 2 55572	34.98 -0.07 -0.66	32.65 -0.18 -0.36	35.04 -0.21 -0.08	35.78 -0.22 -0.03	36.65 -0.21 -0.08	35.56 -0.21 -0.02	37.14 -0.19 -0.01	38.80 -0.21 0.00	51.05 -0.16 -0.81	60.63 -0.03 -2.81	58.77 0.01 -2.30	92.16 0.35 -3.33	78.74 0.35 -3.83	66.87 0.35 -3.07	91.92 0.56 -3.22	71.43 0.31 -4.15	84.98 0.22 -4.46	125.35 0.23 -5.50	149.83 0.20 -6.46	75.34 0.05 -4.86	79.23 0.07 -4.27	79.41 0.18 -2.86	57.14 0.00 -1.55	39.45 -0.02 -0.69
TIANA____69_KV_BK 1 55817	37.45 3.06 0.00	35.48 3.01 0.00	38.12 2.95 0.00	38.85 2.88 0.00	39.93 3.14 0.00	38.86 3.12 0.00	40.66 3.35 0.00	43.77 3.36 -1.40	54.54 4.14 0.00	62.03 4.18 0.00	60.70 4.25 0.00	94.00 5.52 0.00	80.09 5.42 -0.12	68.72 5.28 0.00	159.03 8.47 -62.41	201.32 6.40 -127.96	88.13 7.83 -0.01	194.25 11.80 -62.84	227.61 12.04 -72.40	154.87 5.93 -78.52	211.15 6.93 -129.34	79.49 6.06 2.94	60.76 4.84 -0.34	44.64 4.16 -1.70
TILDEN___115KV_TB1 80814	35.29 0.10 -0.80	32.90 -0.02 -0.45	35.22 -0.05 -0.10	35.95 -0.05 -0.03	36.85 -0.04 -0.10	35.74 -0.04 -0.03	37.33 0.00 -0.02	38.99 -0.02 0.00	51.46 0.08 -0.99	61.48 0.19 -3.44	59.50 0.23 -2.81	93.21 0.66 -4.07	79.87 0.63 -4.69	67.80 0.60 -3.76	93.00 0.92 -3.94	72.64 0.60 -5.08	86.32 0.57 -5.46	127.15 0.81 -6.73	151.99 0.91 -7.91	76.80 0.43 -5.95	80.57 0.46 -5.22	80.47 0.59 -3.50	57.81 0.30 -1.92	39.81 0.18 -0.85
TRIGEN___CC 323695	36.30 1.91 0.00	34.49 2.02 0.00	37.24 2.06 0.00	38.04 2.08 0.00	38.99 2.20 0.00	37.94 2.20 0.00	39.72 2.41 0.00	42.86 2.45 -1.40	53.40 3.01 0.00	60.76 2.91 0.00	59.11 2.65 0.00	91.86 3.38 0.00	77.98 3.42 0.00	66.81 3.36 0.00	93.39 5.25 0.00	70.96 4.00 0.00	85.61 5.31 0.00	127.38 7.77 0.00	150.99 7.83 0.00	73.99 3.56 0.00	79.05 4.17 0.00	83.46 3.75 -3.34	58.50 2.91 0.00	42.95 2.48 -1.70

TRINITY__115KV__4 BK 55933	35.01 0.63 0.00	33.34 0.87 0.00	36.12 0.95 0.00	36.84 0.88 0.00	37.64 0.85 0.00	36.70 0.96 0.00	38.11 0.80 0.00	40.16 0.82 -0.32	51.32 0.92 0.00	58.80 0.94 0.00	57.18 0.73 0.00	89.01 0.54 0.00	75.12 0.56 0.00	64.25 0.80 0.00	89.16 1.01 0.00	67.89 0.93 0.00	81.46 1.16 0.00	121.40 1.79 0.00	144.98 1.81 0.00	71.39 0.97 0.00	76.24 1.35 0.00	77.37 1.00 0.00	56.39 0.80 0.00	39.64 0.85 0.00
UNION__PROCESSING_DRP 323587	35.69 1.30 0.00	33.20 0.72 0.00	35.96 0.78 0.00	36.89 0.93 0.00	37.77 0.98 0.00	36.43 0.69 0.00	38.15 0.83 0.00	39.72 0.71 0.00	51.58 1.18 0.00	59.59 1.74 0.00	57.94 1.49 0.00	91.33 2.85 0.00	76.72 2.17 0.00	65.07 1.62 0.00	90.43 2.29 0.00	68.24 1.28 0.00	80.83 0.54 0.00	120.13 0.52 0.00	144.17 1.00 0.00	71.05 0.63 0.00	75.74 0.85 0.00	77.92 1.55 0.00	56.68 1.09 0.00	39.71 0.92 0.00
UPPER HUDSON__HYD 24058	36.39 2.00 0.00	34.56 2.08 0.00	37.40 2.22 0.00	38.12 2.16 0.00	38.89 2.11 0.00	37.98 2.24 0.00	39.51 2.19 0.00	41.74 2.42 -0.31	53.35 2.95 0.00	61.17 3.31 0.00	59.65 3.20 0.00	93.03 4.56 0.00	78.16 3.60 0.00	67.41 3.96 0.00	93.31 5.16 0.00	71.34 4.38 0.00	85.43 5.14 0.00	127.13 7.52 0.00	152.86 9.69 0.00	75.05 4.63 0.00	80.36 5.47 0.00	81.99 5.62 0.00	59.44 3.85 0.00	41.56 2.77 0.00
UPPER RAQUET__HYD 24056	34.56 -0.06 -0.23	32.35 -0.25 -0.13	34.93 -0.27 -0.03	35.73 -0.24 -0.01	36.40 -0.42 -0.03	35.09 -0.66 -0.01	36.80 -0.52 0.00	38.41 -0.60 0.00	49.85 -0.83 -0.28	57.82 -1.02 -0.99	56.60 -0.66 -0.80	88.68 -0.96 -1.17	74.40 -1.51 -1.34	62.97 -1.55 -1.08	86.95 -2.32 -1.13	66.69 -1.73 -1.46	80.17 -1.69 -1.57	119.18 -2.36 -1.93	143.20 -2.24 -2.27	71.19 -0.94 -1.71	74.95 -1.43 -1.50	76.18 -1.16 -0.97	55.62 -0.02 -0.05	38.68 -0.10 0.00
VALLEY44_115KV_TB2 355964	35.67 1.28 0.00	33.27 0.80 0.00	36.17 0.99 0.00	37.15 1.18 0.00	38.09 1.30 0.00	36.69 0.95 0.00	38.47 1.16 0.00	39.94 0.93 0.00	51.73 1.33 0.00	59.79 1.94 0.00	57.63 1.18 0.00	90.20 1.72 0.00	75.42 0.87 0.00	63.75 0.30 0.00	88.82 0.67 0.00	66.75 -0.21 0.00	78.79 -1.51 0.00	117.15 -2.46 0.00	140.22 -2.95 0.00	69.14 -1.29 0.00	73.98 -0.91 0.00	76.68 0.31 0.00	56.10 0.52 0.00	39.36 0.58 0.00
VALLEY__115KV_TB 1-4 80826	34.38 -0.01 0.00	32.69 0.22 0.00	35.39 0.21 0.00	36.09 0.12 0.00	36.86 0.07 0.00	35.97 0.23 0.00	37.41 0.09 0.00	39.13 0.12 0.00	50.45 0.05 0.00	57.87 0.01 0.00	56.65 0.19 0.00	88.79 0.31 0.00	74.91 0.36 0.00	64.16 0.71 0.00	89.14 1.00 0.00	67.80 0.84 0.00	80.87 0.58 0.00	120.05 0.44 0.00	143.71 0.54 0.00	70.84 0.42 0.00	75.66 0.77 0.00	77.03 0.66 0.00	55.88 0.29 0.00	39.02 0.23 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	36.01 1.40 -0.22	33.97 1.38 -0.13	36.74 1.53 -0.03	37.52 1.54 -0.01	38.41 1.59 -0.03	37.28 1.53 -0.01	38.90 1.58 0.00	40.54 1.53 0.00	52.83 2.15 -0.28	61.36 2.54 -0.97	59.52 2.27 -0.80	93.27 3.65 -1.15	78.96 3.08 -1.32	67.10 2.59 -1.06	92.96 3.70 -1.11	71.18 2.78 -1.43	85.20 3.37 -1.54	126.66 5.15 -1.90	151.42 6.02 -2.24	75.06 2.96 -1.68	79.72 3.36 -1.48	80.69 3.33 -0.99	58.48 2.34 -0.54	40.71 1.68 -0.24
VISCHER__FERRY HYD 24020	35.72 1.33 0.00	34.01 1.54 0.00	36.83 1.65 0.00	37.55 1.58 0.00	38.35 1.56 0.00	37.41 1.67 0.00	38.82 1.50 0.00	40.91 1.57 -0.33	52.21 1.81 0.00	59.86 2.01 0.00	58.27 1.81 0.00	90.74 2.26 0.00	76.56 2.01 0.00	65.63 2.18 0.00	91.01 2.87 0.00	69.32 2.36 0.00	83.20 2.91 0.00	123.94 4.33 0.00	148.26 5.09 0.00	73.01 2.59 0.00	78.01 3.12 0.00	79.19 2.82 0.00	57.64 2.05 0.00	40.44 1.66 0.00
V_A_10_SYNC_DSASP 323832	35.36 0.97 0.00	32.79 0.32 0.00	35.57 0.39 0.00	36.58 0.61 0.00	37.49 0.70 0.00	36.04 0.30 0.00	37.72 0.41 0.00	39.09 0.07 0.00	50.72 0.32 0.00	58.60 0.74 0.00	56.75 0.30 0.00	89.35 0.88 0.00	74.79 0.23 0.00	63.20 -0.25 0.00	87.73 -0.41 0.00	65.97 -1.00 0.00	77.65 -2.65 0.00	115.42 -4.19 0.00	138.88 -4.28 0.00	68.55 -1.87 0.00	73.33 -1.55 0.00	75.88 -0.49 0.00	55.41 -0.18 0.00	38.96 0.17 0.00
V_CMM_10_SYNC_DSASP 323787	34.15 -0.23 0.00	32.09 -0.38 0.00	34.73 -0.45 0.00	35.57 -0.40 0.00	36.39 -0.40 0.00	35.28 -0.46 0.00	36.95 -0.36 0.00	38.68 -0.33 0.00	49.95 -0.45 0.00	57.26 -0.60 0.00	56.15 -0.30 0.00	88.08 -0.40 0.00	73.97 -0.59 0.00	62.65 -0.80 0.00	86.89 -1.25 0.00	66.04 -0.92 0.00	79.32 -0.97 0.00	118.19 -1.43 0.00	142.05 -1.12 0.00	69.82 -0.60 0.00	73.88 -1.01 0.00	75.55 -0.82 0.00	55.17 -0.42 0.00	38.38 -0.40 0.00
V_CMP_10_SYNC_DSASP 323788	35.21 0.83 0.00	33.05 0.58 0.00	35.69 0.51 0.00	36.52 0.55 0.00	37.25 0.46 0.00	36.40 0.66 0.00	38.20 0.88 0.00	40.04 1.02 0.00	51.61 1.21 0.00	58.72 0.87 0.00	56.98 0.53 0.00	89.17 0.70 0.00	74.04 -0.52 0.00	62.39 -1.06 0.00	86.08 -2.07 0.00	65.64 -1.32 0.00	79.19 -1.10 0.00	117.62 -1.99 0.00	142.89 -0.28 0.00	69.97 -0.46 0.00	74.50 -0.38 0.00	76.73 0.36 0.00	57.01 1.42 0.00	39.74 0.95 0.00
V_E_10_SYNC_DSASP 323830	38.05 3.16 -0.50	35.60 2.85 -0.27	38.22 2.98 -0.06	39.01 3.02 -0.02	40.00 3.15 -0.06	38.85 3.09 -0.02	40.66 3.33 -0.01	42.57 3.56 0.00	55.59 4.58 -0.61	65.10 5.11 -2.13	63.49 5.30 -1.74	99.63 8.64 -2.51	84.58 7.13 -2.90	72.29 6.52 -2.32	99.33 8.75 -2.43	76.33 6.22 -3.14	91.21 7.54 -3.37	135.81 12.04 -4.16	163.21 15.16 -4.89	81.96 7.86 -3.67	86.53 8.41 -3.23	87.27 8.74 -2.16	62.55 5.76 -1.19	43.10 3.78 -0.53
V_F_30_NSYNC__DSASP 323816	36.36 1.98 0.00	34.56 2.09 0.00	37.41 2.24 0.00	38.16 2.19 0.00	38.97 2.18 0.00	38.00 2.26 0.00	39.52 2.20 0.00	41.69 2.36 -0.31	53.28 2.89 0.00	61.06 3.21 0.00	59.52 3.07 0.00	92.88 4.40 0.00	78.31 3.76 0.00	67.22 3.77 0.00	93.26 5.11 0.00	71.08 4.12 0.00	85.28 4.98 0.00	126.91 7.30 0.00	152.05 8.88 0.00	74.81 4.39 0.00	79.92 5.04 0.00	81.25 4.87 0.00	59.02 3.43 0.00	41.32 2.53 0.00
V_F_30_SYNC_DSASP 323786	35.18 0.80 0.00	33.49 1.02 0.00	36.29 1.11 0.00	37.00 1.04 0.00	37.81 1.02 0.00	36.87 1.13 0.00	38.30 0.98 0.00	40.36 1.02 -0.32	51.62 1.22 0.00	59.18 1.32 0.00	57.61 1.16 0.00	89.75 1.27 0.00	75.76 1.20 0.00	64.81 1.36 0.00	89.98 1.83 0.00	68.47 1.51 0.00	82.13 1.84 0.00	122.35 2.74 0.00	146.06 2.90 0.00	71.91 1.49 0.00	76.77 1.88 0.00	77.89 1.52 0.00	56.74 1.16 0.00	39.85 1.07 0.00
V_XM_10_SYNC_DSASP 323789	35.21 0.83 0.00	33.05 0.58 0.00	35.69 0.51 0.00	36.52 0.55 0.00	37.25 0.46 0.00	36.40 0.66 0.00	38.20 0.88 0.00	40.04 1.02 0.00	51.61 1.21 0.00	58.72 0.87 0.00	56.98 0.53 0.00	89.17 0.70 0.00	74.04 -0.52 0.00	62.39 -1.06 0.00	86.08 -2.07 0.00	65.64 -1.32 0.00	79.19 -1.10 0.00	117.62 -1.99 0.00	142.89 -0.28 0.00	69.97 -0.46 0.00	74.50 -0.38 0.00	76.73 0.36 0.00	57.01 1.42 0.00	39.74 0.95 0.00

W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	35.74 1.35 0.00	33.95 1.48 0.00	36.70 1.52 0.00	37.47 1.50 0.00	38.33 1.54 0.00	37.30 1.56 0.00	39.07 1.75 0.00	39.03 1.92 1.90	52.81 2.41 0.00	60.76 2.91 0.00	59.11 2.65 0.00	92.23 3.76 0.00	78.04 3.48 0.00	66.69 3.25 0.00	93.01 4.86 0.00	70.76 3.80 0.00	85.10 4.81 0.00	126.55 6.94 0.00	150.51 7.34 0.00	73.71 3.29 0.00	78.57 3.68 0.00	79.77 3.40 0.00	57.95 2.36 0.00	40.55 1.76 0.00
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	35.70 1.31 0.00	34.03 1.56 0.00	36.81 1.64 0.00	37.63 1.66 0.00	38.52 1.73 0.00	37.51 1.77 0.00	39.35 2.04 0.00	42.69 2.27 -1.41	53.25 2.85 0.00	61.08 3.22 0.00	59.31 2.86 0.00	92.53 4.05 0.00	78.30 3.74 0.00	66.97 3.52 0.00	93.41 5.26 0.00	71.03 4.06 0.00	85.44 5.15 0.00	127.04 7.43 0.00	150.86 7.69 0.00	73.85 3.43 0.00	78.75 3.87 0.00	79.92 3.55 0.00	57.98 2.40 0.00	40.59 1.80 0.00
W50THST__13_KV_LOAD 356117	35.89 1.50 0.00	34.21 1.73 0.00	37.02 1.84 0.00	37.85 1.89 0.00	38.76 1.97 0.00	37.77 2.03 0.00	39.69 2.37 0.00	43.09 2.67 -1.41	53.78 3.38 0.00	61.69 3.83 0.00	59.91 3.45 0.00	93.47 4.99 0.00	79.06 4.51 0.00	67.60 4.16 0.00	94.28 6.13 0.00	71.69 4.72 0.00	86.21 5.92 0.00	128.13 8.51 0.00	152.10 8.93 0.00	74.38 3.95 0.00	79.28 4.39 0.00	80.45 4.08 0.00	58.33 2.74 0.00	40.80 2.02 0.00
WADING RIVER_IC_1 23522	36.78 2.39 0.00	34.88 2.41 0.00	37.49 2.31 0.00	38.21 2.25 0.00	39.32 2.53 0.00	38.26 2.53 0.00	39.97 2.66 0.00	43.01 2.59 -1.40	53.40 3.00 0.00	60.65 2.79 0.00	59.43 2.97 0.00	91.84 3.36 0.00	78.22 3.54 -0.11	67.04 3.59 0.00	156.50 6.14 -62.21	199.20 4.69 -127.55	86.09 5.80 -0.01	190.59 8.82 -62.16	223.22 8.47 -71.58	152.70 4.29 -77.98	209.14 5.21 -129.05	77.83 4.41 2.95	59.62 3.70 -0.33	43.88 3.40 -1.70
WADING RIVER_IC_2 23547	36.78 2.39 0.00	34.88 2.41 0.00	37.49 2.31 0.00	38.21 2.25 0.00	39.32 2.53 0.00	38.26 2.53 0.00	39.97 2.66 0.00	43.01 2.59 -1.40	53.40 3.00 0.00	60.65 2.79 0.00	59.43 2.97 0.00	91.84 3.36 0.00	78.22 3.54 -0.11	67.04 3.59 0.00	156.50 6.14 -62.21	199.20 4.69 -127.55	86.09 5.80 -0.01	190.59 8.82 -62.16	223.22 8.47 -71.58	152.70 4.29 -77.98	209.14 5.21 -129.05	77.83 4.41 2.95	59.62 3.70 -0.33	43.88 3.40 -1.70
WADING RIVER_IC_3 23601	36.78 2.39 0.00	34.88 2.41 0.00	37.49 2.31 0.00	38.21 2.25 0.00	39.32 2.53 0.00	38.26 2.53 0.00	39.97 2.66 0.00	43.01 2.59 -1.40	53.40 3.00 0.00	60.65 2.79 0.00	59.43 2.97 0.00	91.84 3.36 0.00	78.22 3.54 -0.11	67.04 3.59 0.00	156.50 6.14 -62.21	199.20 4.69 -127.55	86.09 5.80 -0.01	190.59 8.82 -62.16	223.22 8.47 -71.58	152.70 4.29 -77.98	209.14 5.21 -129.05	77.83 4.41 2.95	59.62 3.70 -0.33	43.88 3.40 -1.70
WALDENNY_I2_KV_BK2 80841	36.22 1.84 0.00	33.52 1.05 0.00	36.39 1.21 0.00	37.41 1.45 0.00	38.35 1.56 0.00	36.83 1.09 0.00	38.57 1.25 0.00	39.94 0.92 0.00	51.94 1.54 0.00	60.16 2.30 0.00	58.42 1.97 0.00	92.16 3.69 0.00	77.10 2.54 0.00	65.14 1.70 0.00	90.53 2.39 0.00	68.00 1.04 0.00	79.87 -0.43 0.00	118.50 -1.11 0.00	142.43 -0.73 0.00	70.24 -0.19 0.00	75.08 0.19 0.00	77.87 1.50 0.00	56.86 1.27 0.00	39.94 1.15 0.00
WALDEN__HYDRO 24148	35.96 1.58 0.00	34.15 1.68 0.00	36.91 1.73 0.00	37.67 1.70 0.00	38.52 1.73 0.00	37.48 1.74 0.00	39.22 1.91 0.00	40.71 2.05 0.35	53.37 2.97 0.00	61.30 3.44 0.00	59.62 3.17 0.00	93.11 4.64 0.00	79.01 4.46 0.00	67.48 4.03 0.00	94.16 6.02 0.00	72.06 5.10 0.00	85.94 5.65 0.00	127.27 7.66 0.00	151.36 8.19 0.00	74.37 3.94 0.00	79.36 4.47 0.00	80.60 4.23 0.00	58.50 2.91 0.00	40.86 2.08 0.00
WARRENSBURG____ 23737	36.39 2.00 0.00	34.56 2.08 0.00	37.40 2.22 0.00	38.12 2.16 0.00	38.89 2.11 0.00	37.98 2.24 0.00	39.51 2.19 0.00	41.74 2.42 -0.31	53.35 2.95 0.00	61.17 3.31 0.00	59.65 3.20 0.00	93.03 4.56 0.00	78.16 3.60 0.00	67.41 3.96 0.00	93.31 5.16 0.00	71.34 4.38 0.00	85.43 5.14 0.00	127.13 7.52 0.00	152.86 9.69 0.00	75.05 4.63 0.00	80.36 5.47 0.00	81.99 5.62 0.00	59.44 3.85 0.00	41.56 2.77 0.00
WATERSIDE____6 8 9 23538	35.61 1.23 0.00	33.96 1.48 0.00	36.79 1.61 0.00	37.61 1.64 0.00	38.49 1.70 0.00	37.50 1.76 0.00	39.37 2.05 0.00	42.69 2.26 -1.41	53.14 2.74 0.00	60.87 3.02 0.00	58.97 2.52 0.00	92.03 3.55 0.00	77.89 3.33 0.00	66.60 3.15 0.00	93.01 4.87 0.00	70.68 3.72 0.00	85.05 4.76 0.00	126.43 6.82 0.00	150.10 6.93 0.00	73.53 3.11 0.00	78.50 3.62 0.01	79.66 3.30 0.00	56.75 2.17 1.02	40.42 1.64 0.01
WATKINRD_115KV_LN8_ILLION 55919	34.40 0.01 0.00	32.63 0.16 0.00	35.34 0.16 0.00	36.07 0.10 0.00	36.85 0.06 0.00	35.91 0.17 0.00	37.39 0.08 0.00	39.11 0.10 0.00	50.44 0.04 0.00	57.86 0.01 0.00	56.48 0.03 0.00	88.47 -0.01 0.00	74.62 0.06 0.00	63.79 0.34 0.00	88.69 0.55 0.00	67.40 0.44 0.00	80.63 0.33 0.00	120.04 0.43 0.00	143.57 0.40 0.00	70.74 0.31 0.00	75.47 0.58 0.00	76.86 0.49 0.00	55.82 0.23 0.00	38.96 0.18 0.00
WATSON__69_KV_BK 1 55734	37.45 3.06 0.00	35.50 3.03 0.00	38.24 3.06 0.00	39.01 3.05 0.00	40.02 3.23 0.00	38.95 3.21 0.00	40.80 3.49 0.00	43.99 3.58 -1.40	54.90 4.50 0.00	62.30 4.44 0.00	60.50 4.04 0.00	93.44 4.96 0.00	80.07 5.03 -0.49	68.33 4.89 0.00	127.00 7.54 -31.30	136.77 5.63 -64.17	87.65 7.36 0.00	163.03 10.90 -32.51	191.95 11.26 -37.52	115.68 5.29 -39.97	145.65 6.15 -64.61	79.31 5.52 2.59	61.52 4.54 -1.39	44.40 3.92 -1.70
WDELAWARE__HYD 323627	35.24 0.85 0.00	33.39 0.92 0.00	36.10 0.93 0.00	36.83 0.87 0.00	37.65 0.86 0.00	36.61 0.88 0.00	38.34 1.03 0.00	39.86 1.09 0.25	51.84 1.44 0.00	59.63 1.77 0.00	57.94 1.49 0.00	90.87 2.39 0.00	76.62 2.06 0.00	54.96 0.51 9.00	83.58 1.36 5.93	67.99 1.03 0.00	82.00 1.71 0.00	122.83 3.22 0.00	146.66 3.49 0.00	71.97 1.55 0.00	77.04 2.16 0.00	79.65 3.28 0.00	57.66 2.07 0.00	40.18 1.39 0.00
WEST BABYLON__IC 23714	37.21 2.82 0.00	35.30 2.83 0.00	38.04 2.87 0.00	38.84 2.87 0.00	39.81 3.02 0.00	38.76 3.02 0.00	40.59 3.27 0.00	43.76 3.35 -1.40	54.63 4.23 0.00	61.85 4.00 0.00	60.10 3.64 0.00	92.96 4.48 0.00	79.29 4.51 -0.23	67.86 4.42 0.00	102.46 6.87 -7.45	87.40 5.16 -15.28	87.15 6.86 0.00	136.11 9.99 -6.51	160.67 10.22 -7.28	84.30 4.78 -9.10	96.18 5.74 -15.56	79.79 5.23 1.81	60.44 4.21 -0.64	44.09 3.62 -1.70
WEST CANADA__HYD 24049	34.39 0.01 0.00	32.52 0.04 0.00	35.24 0.06 0.00	36.00 0.04 0.00	36.82 0.04 0.00	35.80 0.06 0.00	37.35 0.04 0.00	39.05 0.04 0.00	50.44 0.04 0.00	57.89 0.04 0.00	56.45 0.00 0.00	88.48 0.00 0.00	74.60 0.05 0.00	63.55 0.10 0.00	88.29 0.14 0.00	67.05 0.09 0.00	80.38 0.09 0.00	119.73 0.12 0.00	143.30 0.13 0.00	70.52 0.10 0.00	75.04 0.15 0.00	76.51 0.14 0.00	55.65 0.06 0.00	38.84 0.05 0.00

WESTERN_NY_WIND 24143	36.70 2.31 0.00	34.01 1.53 0.00	36.85 1.67 0.00	37.86 1.89 0.00	38.82 2.03 0.00	37.32 1.58 0.00	39.08 1.76 0.00	40.36 1.34 0.00	52.44 2.04 0.00	60.64 2.79 0.00	58.94 2.48 0.00	92.63 4.16 0.00	76.76 2.20 0.00	65.03 1.58 0.00	90.33 2.18 0.00	68.01 1.05 0.00	80.28 -0.01 0.00	119.18 -0.43 0.00	143.12 -0.05 0.00	70.77 0.34 0.00	75.62 0.73 0.00	78.24 1.87 0.00	57.12 1.53 0.00	40.50 1.71 0.00
WESTOVER___LESR 323668	35.53 0.68 -0.46	33.30 0.57 -0.26	35.91 0.68 -0.06	36.67 0.69 -0.02	37.58 0.73 -0.06	36.45 0.70 -0.02	38.08 0.76 -0.01	39.76 0.75 0.00	51.98 1.02 -0.57	61.09 1.26 -1.97	59.17 1.11 -1.62	92.87 2.06 -2.33	78.83 1.58 -2.69	66.91 1.31 -2.16	92.42 2.02 -2.26	71.19 1.32 -2.91	84.68 1.26 -3.13	125.35 1.87 -3.86	149.61 1.90 -4.54	74.83 1.00 -3.41	79.06 1.18 -3.00	79.93 1.55 -2.01	57.71 1.01 -1.11	40.06 0.78 -0.49
WETHRSFD_WT_PWR 323626	35.80 1.41 0.00	33.20 0.73 0.00	35.96 0.78 0.00	37.04 1.07 0.00	38.02 1.23 0.00	36.62 0.88 0.00	38.29 0.97 0.00	39.71 0.70 0.00	51.55 1.15 0.00	59.55 1.70 0.00	57.72 1.26 0.00	90.80 2.32 0.00	75.93 1.37 0.00	64.24 0.80 0.00	89.37 1.22 0.00	67.28 0.32 0.00	79.43 -0.86 0.00	118.03 -1.58 0.00	141.63 -1.54 0.00	69.81 -0.61 0.00	74.83 -0.05 0.00	77.38 1.01 0.00	56.54 0.95 0.00	39.72 0.94 0.00
WHAVSTOR_138KV_BK127 55557	35.56 1.17 0.00	33.78 1.31 0.00	36.52 1.34 0.00	37.29 1.33 0.00	38.16 1.37 0.00	37.12 1.38 0.00	38.88 1.56 0.00	38.80 1.71 1.92	52.52 2.13 0.00	60.39 2.54 0.00	58.70 2.25 0.00	91.50 3.03 0.00	77.41 2.86 0.00	66.16 2.72 0.00	92.26 4.12 0.00	70.17 3.21 0.00	84.43 4.14 0.00	125.60 5.98 0.00	149.37 6.20 0.00	73.17 2.75 0.00	78.02 3.13 0.00	79.24 2.86 0.00	57.58 1.99 0.00	40.30 1.52 0.00
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	35.56 1.17 0.00	33.78 1.31 0.00	36.52 1.34 0.00	37.29 1.33 0.00	38.16 1.37 0.00	37.12 1.38 0.00	38.88 1.56 0.00	38.80 1.71 1.92	52.52 2.13 0.00	60.39 2.54 0.00	58.70 2.25 0.00	91.50 3.03 0.00	77.41 2.86 0.00	66.16 2.72 0.00	92.26 4.12 0.00	70.17 3.21 0.00	84.43 4.14 0.00	125.60 5.98 0.00	149.37 6.20 0.00	73.17 2.75 0.00	78.02 3.13 0.00	79.24 2.86 0.00	57.58 1.99 0.00	40.30 1.52 0.00
WHITEHAL_115KV_TB1 80871	37.51 3.12 0.00	35.65 3.17 0.00	38.61 3.43 0.00	39.39 3.42 0.00	40.00 3.21 0.00	39.29 3.55 0.00	41.01 3.70 0.00	43.33 4.01 -0.31	54.96 4.55 0.00	62.70 4.84 0.00	61.21 4.76 0.00	96.17 7.70 0.00	80.64 6.08 0.00	70.04 6.59 0.00	96.53 8.39 0.00	74.19 7.23 0.00	89.19 8.89 0.00	132.98 13.36 0.00	159.37 16.20 0.00	77.68 7.26 0.00	83.39 8.50 0.00	84.21 7.84 0.00	61.38 5.79 0.00	43.06 4.27 0.00
WHITEPLN_13_KV_LOAD 356215	35.97 1.58 0.00	34.25 1.77 0.00	37.01 1.83 0.00	37.80 1.83 0.00	38.69 1.90 0.00	37.70 1.96 0.00	39.47 2.15 0.00	42.87 2.36 -1.50	53.39 2.99 0.00	61.33 3.47 0.00	60.05 3.60 0.00	93.76 5.29 0.00	79.39 4.83 0.00	67.91 4.46 0.00	94.70 6.55 0.00	72.05 5.09 0.00	86.66 6.36 0.00	128.03 8.42 0.00	152.06 8.89 0.00	74.42 3.99 0.00	79.33 4.44 0.00	80.49 4.12 0.00	58.43 2.85 0.00	40.89 2.11 0.00
WM_FLOYD_69_KV_BK2 356380	37.02 2.64 0.00	35.13 2.66 0.00	37.78 2.61 0.00	38.51 2.55 0.00	39.57 2.78 0.00	38.51 2.77 0.00	40.27 2.96 0.00	43.35 2.94 -1.40	53.97 3.57 0.00	61.25 3.40 0.00	59.77 3.31 0.00	92.34 3.86 0.00	78.69 4.00 -0.13	67.48 4.03 0.00	158.31 6.61 -63.55	202.24 5.02 -130.27	86.65 6.36 -0.01	195.51 9.58 -66.32	229.40 9.65 -76.58	156.42 4.68 -81.32	211.51 5.52 -131.10	78.21 4.76 2.93	59.90 3.94 -0.37	44.03 3.56 -1.70
WOODARD___115KV_TB2 355635	35.02 -0.18 -0.82	32.64 -0.29 -0.45	34.95 -0.33 -0.10	35.67 -0.33 -0.03	36.56 -0.33 -0.10	35.45 -0.32 -0.03	37.02 -0.31 -0.02	38.66 -0.35 0.00	51.06 -0.35 -1.01	61.10 -0.27 -3.52	59.11 -0.22 -2.88	92.59 -0.05 -4.16	79.37 0.02 -4.79	67.36 0.07 -3.84	92.34 0.17 -4.03	72.18 0.03 -5.20	85.76 -0.12 -5.58	126.27 -0.22 -6.88	150.91 -0.35 -8.09	76.29 -0.22 -6.08	80.02 -0.21 -5.35	79.82 -0.13 -3.58	57.34 -0.20 -1.96	39.50 -0.16 -0.87
YORK___WARBASSE 23770	35.79 1.41 0.00	34.11 1.63 0.00	36.90 1.73 0.00	37.69 1.73 0.00	38.58 1.79 0.00	37.54 1.80 0.00	39.43 2.12 0.00	42.80 2.38 -1.41	53.40 3.00 0.00	61.20 3.34 0.00	59.20 2.75 0.00	92.47 4.00 0.00	78.32 3.77 0.00	66.88 3.43 0.00	93.49 5.35 0.00	70.96 4.00 0.00	85.38 5.09 0.00	126.89 7.28 0.00	150.56 7.39 0.00	73.90 3.48 0.00	79.02 4.13 -0.01	80.20 3.81 -0.02	59.35 2.57 -1.19	40.69 1.90 -0.01