

Day Ahead Market Generator LBMP

--- 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	35.77	32.93	31.56	31.25	30.79	31.24	32.12	35.20	38.63	44.56	49.77	52.31	56.13	60.21	69.16	94.70	111.86	114.65	104.07	84.62	59.17	51.23	46.41	38.32
24138	2.21	2.10	2.00	1.88	1.85	2.12	2.33	2.61	2.81	3.07	2.77	2.82	3.08	3.30	3.77	6.28	8.00	8.00	6.08	4.05	2.28	1.87	2.29	2.00
	0.00	-0.86	-0.56	-2.50	-2.49	0.00	0.00	0.00	-0.67	-0.02	0.00	0.00	0.00	0.00	-0.40	0.00	0.00	-0.05	0.00	-1.19	0.00	0.00	0.00	0.00
74TH STREET_GT_1	35.77	32.99	31.62	31.31	30.84	31.27	32.08	35.16	38.63	44.48	49.68	52.16	55.97	60.04	68.90	94.43	111.45	114.33	103.97	84.54	59.17	51.28	46.41	38.36
24260	2.21	2.16	2.06	1.93	1.90	2.15	2.29	2.57	2.81	2.99	2.68	2.67	2.92	3.13	3.51	6.01	7.58	7.67	5.98	3.97	2.28	1.92	2.29	2.03
	0.00	-0.86	-0.56	-2.50	-2.49	0.00	0.00	0.00	-0.67	-0.02	0.00	0.00	0.00	0.00	-0.40	0.00	0.00	-0.05	0.00	-1.19	0.00	0.00	0.00	0.00
74TH STREET_GT_2	35.77	32.99	31.62	31.31	30.84	31.27	32.08	35.16	38.63	44.48	49.68	52.16	55.97	60.04	68.90	94.43	111.45	114.33	103.97	84.54	59.17	51.28	46.41	38.36
24261	2.21	2.16	2.06	1.93	1.90	2.15	2.29	2.57	2.81	2.99	2.68	2.67	2.92	3.13	3.51	6.01	7.58	7.67	5.98	3.97	2.28	1.92	2.29	2.03
	0.00	-0.86	-0.56	-2.50	-2.49	0.00	0.00	0.00	-0.67	-0.02	0.00	0.00	0.00	0.00	-0.40	0.00	0.00	-0.05	0.00	-1.19	0.00	0.00	0.00	0.00
ADK HUDSON___FALLS	36.44	35.38	33.34	37.21	33.59	31.54	32.29	35.23	38.51	45.22	50.95	53.99	57.89	62.21	74.78	96.39	113.73	116.38	107.11	103.64	62.42	54.48	48.48	39.74
24011	2.89	2.67	2.55	2.34	2.27	2.42	2.50	2.64	2.95	3.73	3.95	4.50	4.83	5.29	5.85	7.96	9.87	9.59	9.11	7.62	5.52	5.13	4.37	3.41
	0.00	-2.74	-1.80	-8.00	-4.87	0.00	0.00	0.00	-0.41	-0.01	0.00	0.00	-0.01	-0.01	-3.94	-0.01	0.00	-0.19	-0.01	-16.64	0.00	0.00	0.00	0.00
ADK RESOURCE___RCVRY	36.81	35.67	33.61	37.48	33.81	31.77	32.56	35.58	38.90	45.72	51.51	54.68	58.69	63.06	75.66	97.71	115.19	117.88	108.49	104.92	63.27	55.27	49.10	40.21
23798	3.25	2.94	2.81	2.58	2.49	2.65	2.77	3.00	3.34	4.23	4.51	5.19	5.62	6.15	6.82	9.28	11.32	11.09	10.49	8.81	6.37	5.92	4.98	3.89
	0.00	-2.75	-1.80	-8.03	-4.88	0.00	0.00	0.00	-0.41	-0.01	0.00	0.00	-0.01	-0.01	-3.84	-0.01	0.00	-0.19	-0.01	-16.73	0.00	0.00	0.00	0.00
ADK S GLENS___FALLS	36.44	35.38	33.34	37.21	33.59	31.54	32.29	35.23	38.51	45.22	50.95	53.99	57.89	62.21	74.78	96.39	113.73	116.38	107.11	103.64	62.42	54.48	48.48	39.74
24028	2.89	2.67	2.55	2.34	2.27	2.42	2.50	2.64	2.95	3.73	3.95	4.50	4.83	5.29	5.85	7.96	9.87	9.59	9.11	7.62	5.52	5.13	4.37	3.41
	0.00	-2.74	-1.80	-8.00	-4.87	0.00	0.00	0.00	-0.41	-0.01	0.00	0.00	-0.01	-0.01	-3.94	-0.01	0.00	-0.19	-0.01	-16.64	0.00	0.00	0.00	0.00
ADK_NYS___DAM	35.64	34.22	32.47	35.17	32.52	31.16	31.91	34.71	37.86	44.02	49.58	52.21	56.04	60.05	74.48	93.47	109.88	113.38	103.49	95.54	59.85	51.92	46.63	38.50
23527	2.08	2.04	2.03	1.88	1.82	2.04	2.12	2.12	2.25	2.53	2.58	2.72	2.97	3.13	3.44	5.04	6.02	6.61	5.48	4.28	2.96	2.56	2.51	2.18
	0.00	-2.20	-1.44	-6.42	-4.25	0.00	0.00	0.00	-0.46	-0.01	0.00	0.00	-0.02	-0.02	-6.04	-0.02	0.00	-0.18	-0.02	-11.87	0.00	0.00	0.00	0.00
AIR_PRODUCTS___DRP	34.40	32.75	31.16	33.14	31.24	30.05	30.77	33.44	36.45	42.40	47.80	50.38	53.78	57.63	58.71	89.73	105.63	108.68	99.34	88.97	57.52	49.89	45.04	37.19
24190	0.84	0.93	0.96	0.89	0.87	0.93	0.98	0.85	0.88	0.91	0.80	0.89	0.74	0.74	0.78	1.33	1.77	2.03	1.37	1.03	0.63	0.54	0.93	0.87
	0.00	-1.84	-1.21	-5.38	-3.92	0.00	0.00	0.00	-0.43	-0.01	0.00	0.00	0.02	0.02	7.07	0.02	0.00	-0.06	0.02	-8.55	0.00	0.00	0.00	0.00
AKWESSNE_115KV_BK	32.99	29.41	28.42	26.31	25.95	28.48	29.16	32.10	34.69	40.94	46.44	48.70	52.05	55.88	63.95	86.65	101.68	103.93	96.32	78.19	55.82	48.51	43.50	35.56
355683	-0.57	-0.57	-0.58	-0.56	-0.50	-0.64	-0.63	-0.49	-0.46	-0.54	-0.56	-0.79	-1.01	-1.02	-1.04	-1.77	-2.18	-2.66	-1.67	-1.19	-1.08	-0.84	-0.62	-0.76
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	34.40	32.75	31.16	33.14	31.24	30.05	30.77	33.44	36.45	42.40	47.80	50.38	53.78	57.63	58.71	89.73	105.63	108.68	99.34	88.97	57.52	49.89	45.04	37.19
23571	0.84	0.93	0.96	0.89	0.87	0.93	0.98	0.85	0.88	0.91	0.80	0.89	0.74	0.74	0.78	1.33	1.77	2.03	1.37	1.03	0.63	0.54	0.93	0.87
	0.00	-1.84	-1.21	-5.38	-3.92	0.00	0.00	0.00	-0.43	-0.01	0.00	0.00	0.02	0.02	7.07	0.02	0.00	-0.06	0.02	-8.55	0.00	0.00	0.00	0.00
ALBANY___2	34.40	32.75	31.16	33.14	31.24	30.05	30.77	33.44	36.45	42.40	47.80	50.38	53.78	57.63	58.71	89.73	105.63	108.68	99.34	88.97	57.52	49.89	45.04	37.19
23572	0.84	0.93	0.96	0.89	0.87	0.93	0.98	0.85	0.88	0.91	0.80	0.89	0.74	0.74	0.78	1.33	1.77	2.03	1.37	1.03	0.63	0.54	0.93	0.87
	0.00	-1.84	-1.21	-5.38	-3.92	0.00	0.00	0.00	-0.43	-0.01	0.00	0.00	0.02	0.02	7.07	0.02	0.00	-0.06	0.02	-8.55	0.00	0.00	0.00	0.00
ALBANY___3	34.40	32.75	31.16	33.14	31.24	30.05	30.77	33.44	36.45	42.40	47.80	50.38	53.78	57.63	58.71	89.73	105.63	108.68	99.34	88.97	57.52	49.89	45.04	37.19
23573	0.84	0.93	0.96	0.89	0.87	0.93	0.98	0.85	0.88	0.91	0.80	0.89	0.74	0.74	0.78	1.33	1.77	2.03	1.37	1.03	0.63	0.54	0.93	0.87
	0.00	-1.84	-1.21	-5.38	-3.92	0.00	0.00	0.00	-0.43	-0.01	0.00	0.00	0.02	0.02	7.07	0.02	0.00	-0.06	0.02	-8.55	0.00	0.00	0.00	0.00

ALBANY___4 23574	34.40 0.84 0.00	32.75 0.93 -1.84	31.16 0.96 -1.21	33.14 0.89 -5.38	31.24 0.87 -3.92	30.05 0.93 0.00	30.77 0.98 0.00	33.44 0.85 0.00	36.45 0.88 -0.43	42.40 0.91 -0.01	47.80 0.80 0.00	50.38 0.89 0.00	53.78 0.74 0.02	57.63 0.74 0.02	58.71 0.78 7.07	89.73 1.33 0.02	105.63 1.77 0.00	108.68 2.03 -0.06	99.34 1.37 0.02	88.97 1.03 -8.55	57.52 0.63 0.00	49.89 0.54 0.00	45.04 0.93 0.00	37.19 0.87 0.00
ALBANY___LFGE 323615	34.87 1.31 0.00	33.41 1.32 -2.11	31.72 1.33 -1.38	34.27 1.24 -6.17	31.84 1.19 -4.20	30.40 1.28 0.00	31.13 1.34 0.00	33.86 1.27 0.00	36.91 1.34 -0.43	43.02 1.54 -0.01	48.55 1.55 0.00	51.22 1.73 0.00	54.70 1.65 0.00	58.67 1.77 0.00	68.36 2.02 -1.34	91.43 3.01 0.00	107.60 3.73 0.00	110.68 3.95 -0.14	101.03 3.04 0.00	92.82 2.46 -10.98	58.55 1.65 0.00	50.73 1.38 0.00	45.70 1.59 0.00	37.70 1.38 0.00
ALCOA_PA_115KV_PL-6C 55860	33.19 -0.37 0.00	29.56 -0.42 0.00	28.53 -0.46 0.00	26.41 -0.46 0.00	26.00 -0.45 0.00	28.54 -0.58 0.00	29.22 -0.57 0.00	32.13 -0.46 0.00	34.76 -0.39 0.00	41.10 -0.37 0.00	46.58 -0.42 0.00	48.90 -0.59 0.00	52.21 -0.85 0.00	56.11 -0.80 0.00	64.28 -0.71 0.00	87.01 -1.41 0.00	102.10 -1.77 0.00	104.14 -2.45 0.00	96.62 -1.37 0.00	78.51 -0.87 0.00	56.04 -0.85 0.00	48.71 -0.64 0.00	43.67 -0.44 0.00	35.78 -0.54 0.00
ALCOA_RYNLDS___DRP 24188	33.19 -0.37 0.00	29.56 -0.42 0.00	28.53 -0.46 0.00	26.41 -0.46 0.00	26.00 -0.45 0.00	28.54 -0.58 0.00	29.22 -0.57 0.00	32.13 -0.46 0.00	34.76 -0.39 0.00	41.10 -0.37 0.00	46.58 -0.42 0.00	48.90 -0.59 0.00	52.21 -0.85 0.00	56.11 -0.80 0.00	64.28 -0.71 0.00	87.01 -1.41 0.00	102.10 -1.77 0.00	104.14 -2.45 0.00	96.62 -1.37 0.00	78.51 -0.87 0.00	56.04 -0.85 0.00	48.71 -0.64 0.00	43.67 -0.44 0.00	35.78 -0.54 0.00
ALCOA___DSASP 323711	33.19 -0.37 0.00	29.59 -0.39 0.00	28.53 -0.47 0.00	26.41 -0.46 0.00	26.00 -0.45 0.00	28.57 -0.55 0.00	29.25 -0.54 0.00	32.13 -0.46 0.00	34.76 -0.39 0.00	41.10 -0.37 0.00	46.58 -0.42 0.00	48.90 -0.59 0.00	52.20 -0.85 0.00	56.11 -0.80 0.00	64.28 -0.71 0.00	87.01 -1.42 0.00	102.10 -1.77 0.00	104.15 -2.45 0.00	96.62 -1.37 0.00	78.51 -0.87 0.00	56.04 -0.85 0.00	48.71 -0.64 0.00	43.67 -0.44 0.00	35.78 -0.54 0.00
ALLEGHENY___COGEN 23514	35.17 1.61 0.00	31.35 1.23 -0.14	29.99 0.90 -0.09	28.03 0.75 -0.41	27.43 0.58 -0.40	29.82 0.70 0.00	30.42 0.63 0.00	32.75 0.16 0.00	34.90 -0.24 0.00	40.81 -0.67 0.00	43.66 -3.34 0.00	46.12 -3.37 0.00	49.87 -3.18 0.00	53.32 -3.58 0.00	61.22 -3.77 0.00	83.64 -4.78 0.00	97.84 -6.03 0.00	102.13 -4.47 -0.01	94.17 -3.82 0.00	77.87 -1.51 0.00	57.75 0.85 0.00	50.19 0.84 0.00	43.98 -0.13 0.00	38.76 2.43 0.00
ALTAMONT_115KV_TB 2 55880	34.77 1.21 0.00	32.89 1.26 -1.66	31.39 1.30 -1.09	32.91 1.21 -4.84	31.35 1.16 -3.73	30.40 1.28 0.00	31.07 1.28 0.00	33.79 1.21 0.00	36.84 1.27 -0.42	42.94 1.45 -0.01	48.36 1.36 0.00	50.92 1.44 0.00	54.37 1.33 0.01	58.26 1.37 0.01	62.61 1.43 3.81	90.80 2.39 0.01	106.88 3.01 0.00	109.87 3.20 -0.07	100.53 2.55 0.01	88.24 2.06 -6.79	58.26 1.37 0.00	50.54 1.18 0.00	45.57 1.46 0.00	37.59 1.27 0.00
ALTONA_WT_PWR 323606	33.42 -0.13 0.00	29.77 -0.21 0.00	28.68 -0.32 0.00	26.58 -0.29 0.00	26.24 -0.21 0.00	28.89 -0.23 0.00	29.64 -0.15 0.00	32.62 0.03 0.00	35.36 0.21 0.00	41.68 0.21 0.00	47.28 0.28 0.00	48.75 -0.74 0.00	51.57 -1.49 0.00	55.03 -1.88 0.00	63.11 -1.89 0.00	85.32 -3.10 0.00	100.23 -3.64 0.00	102.55 -4.05 0.00	95.25 -2.74 0.00	77.24 -2.14 0.00	55.07 -1.82 0.00	48.56 -0.79 0.00	44.16 0.04 0.00	36.03 -0.29 0.00
AMERICAN_REF_FUEL 24010	33.76 0.20 0.00	29.98 -0.12 -0.12	28.73 -0.35 -0.08	26.75 -0.48 -0.36	26.23 -0.58 -0.36	28.48 -0.64 0.00	29.19 -0.60 0.00	31.32 -1.27 0.00	33.78 -1.37 0.00	39.86 -1.62 0.00	45.83 -1.17 0.00	48.80 -0.69 0.00	52.58 -0.48 0.00	56.22 -0.68 0.00	64.67 -0.32 0.00	86.39 -2.03 0.00	100.85 -3.02 0.00	102.98 -3.62 -0.01	95.05 -2.94 0.00	77.63 -1.75 0.00	57.13 0.23 0.00	49.70 0.35 0.00	43.36 -0.75 0.00	36.94 0.62 0.00
ARKWRIGHT___SUMMIT_WT_PWR 323751	35.17 1.61 0.00	31.50 1.38 -0.14	30.11 1.01 -0.09	27.93 0.64 -0.42	27.05 0.19 -0.41	29.35 0.23 0.00	30.42 0.63 0.00	32.88 0.29 0.00	35.60 0.46 0.00	42.26 0.79 0.00	48.88 1.88 0.00	51.82 2.33 0.00	55.92 2.86 0.00	59.98 3.07 0.00	68.96 3.97 0.00	92.13 3.71 0.00	107.71 3.85 0.00	110.12 3.51 -0.01	101.51 3.52 0.00	82.71 3.33 0.00	60.65 3.75 0.00	52.75 3.40 0.00	45.88 1.77 0.00	38.79 2.47 0.00
ARTHUR_KILL_GT_1 23520	32.40 2.18 3.34	32.42 2.04 -0.40	31.56 2.00 -0.56	31.28 1.91 -2.50	30.88 1.93 -2.50	31.19 2.07 0.00	31.49 2.08 0.39	31.53 2.41 3.47	31.83 2.60 5.92	33.72 2.49 10.25	33.86 1.93 15.07	33.91 1.93 17.51	34.88 2.07 20.24	36.60 2.39 22.69	39.40 2.60 28.20	62.03 4.95 31.34	71.56 6.34 38.64	73.08 6.50 40.01	62.17 4.90 40.71	44.22 3.09 38.26	37.04 1.59 21.44	34.77 1.28 15.86	33.99 1.72 11.84	31.54 1.78 6.56
ARTHUR_KILL_2 23512	32.30 2.08 3.34	32.30 1.92 -0.40	31.44 1.88 -0.56	31.20 1.83 -2.50	30.77 1.82 -2.50	31.10 1.98 0.00	31.40 2.00 0.39	31.40 2.28 3.47	31.69 2.46 5.92	33.55 2.32 10.25	33.67 1.74 15.07	33.71 1.73 17.51	34.67 1.86 20.24	36.32 2.11 22.69	39.07 2.27 28.20	61.50 4.42 31.34	70.93 5.71 38.64	72.44 5.86 40.01	61.58 4.31 40.71	43.83 2.70 38.26	36.76 1.31 21.44	34.53 1.04 15.86	33.78 1.50 11.84	31.40 1.64 6.56
ARTHUR_KILL_3 23513	31.99 1.78 3.35	32.08 1.71 -0.39	31.17 1.62 -0.55	30.90 1.53 -2.50	30.44 1.51 -2.49	30.83 1.72 0.01	31.32 1.91 0.38	31.24 2.12 3.46	31.49 2.25 5.91	33.56 2.32 10.24	33.87 1.93 15.06	33.87 1.88 17.50	34.84 2.02 20.23	36.44 2.22 22.69	39.21 2.41 28.19	61.60 4.51 31.33	71.04 5.81 38.64	72.56 5.97 40.01	61.70 4.41 40.70	43.83 2.70 38.25	36.82 1.36 21.44	34.63 1.14 15.86	33.87 1.59 11.83	31.21 1.45 6.57
ARTHUR_KILL_COGEN 323718	32.40 2.18 3.34	32.42 2.04 -0.40	31.56 2.00 -0.56	31.28 1.91 -2.50	30.88 1.93 -2.50	31.19 2.07 0.00	31.49 2.08 0.39	31.53 2.41 3.47	31.83 2.60 5.92	33.72 2.49 10.25	33.86 1.93 15.07	33.91 1.93 17.51	34.88 2.07 20.24	36.60 2.39 22.69	39.40 2.60 28.20	62.03 4.95 31.34	71.56 6.34 38.64	73.08 6.50 40.01	62.17 4.90 40.71	44.22 3.09 38.26	37.04 1.59 21.44	34.77 1.28 15.86	33.99 1.72 11.84	31.54 1.78 6.56
ASHOKAN____ 23654	35.10 1.54 0.00	32.11 0.84 -1.29	30.63 0.78 -0.85	31.33 0.70 -3.77	30.26 0.69 -3.13	29.91 0.79 0.00	30.68 0.89 0.00	33.73 1.14 0.00	37.52 2.11 -0.27	42.44 0.95 -0.01	47.94 0.94 0.00	50.67 1.19 0.00	55.06 2.02 0.01	59.00 2.11 0.01	64.26 4.10 4.84	93.36 4.95 0.01	108.02 4.16 0.00	114.64 8.00 -0.04	102.78 4.80 0.01	85.50 1.74 -4.38	58.43 1.54 0.00	50.63 1.28 0.00	45.79 1.68 0.00	37.85 1.53 0.00

ASTORIA_EAST_ENERGY_CC1 323581	35.75 2.18 -0.01	32.91 2.07 -0.87	31.54 1.97 -0.57	31.23 1.85 -2.50	30.76 1.82 -2.49	31.33 2.21 0.00	31.84 2.05 0.00	34.90 2.31 0.00	38.16 2.36 -0.66	43.86 2.36 -0.02	48.83 1.83 0.00	51.37 1.88 0.00	55.07 2.02 0.00	59.29 2.39 0.01	67.99 2.60 -0.39	93.20 4.77 -0.01	110.00 6.13 -0.01	112.84 6.18 -0.06	102.60 4.61 -0.01	83.60 3.02 -1.20	58.43 1.54 0.01	50.68 1.33 0.01	45.89 1.77 -0.01	38.04 1.71 -0.01
ASTORIA_EAST_ENERGY_CC2 323582	35.75 2.18 -0.01	32.91 2.07 -0.87	31.54 1.97 -0.57	31.23 1.85 -2.50	30.76 1.82 -2.49	31.33 2.21 0.00	31.84 2.05 0.00	34.90 2.31 0.00	38.16 2.36 -0.66	43.86 2.36 -0.02	48.83 1.83 0.00	51.37 1.88 0.00	55.07 2.02 0.00	59.29 2.39 0.01	67.99 2.60 -0.39	93.20 4.77 -0.01	110.00 6.13 -0.01	112.84 6.18 -0.06	102.60 4.61 -0.01	83.60 3.02 -1.20	58.43 1.54 0.01	50.68 1.33 0.01	45.89 1.77 -0.01	38.04 1.71 -0.01
ASTORIA_GT2_1 24094	35.68 2.11 -0.01	32.94 2.10 -0.87	31.54 1.97 -0.57	31.26 1.88 -2.50	30.79 1.85 -2.49	31.04 1.92 0.00	31.85 2.06 0.00	34.90 2.31 0.00	38.17 2.35 -0.67	43.90 2.41 -0.02	48.88 1.88 0.00	51.37 1.88 0.00	55.12 2.07 0.00	59.34 2.45 0.01	68.05 2.66 -0.39	93.29 4.86 -0.01	110.10 6.23 -0.01	112.84 6.18 -0.06	102.60 4.61 -0.01	83.60 3.02 -1.20	58.48 1.59 0.01	50.72 1.38 0.01	45.93 1.81 -0.01	38.07 1.74 -0.01
ASTORIA_GT2_2 24095	35.68 2.11 -0.01	32.94 2.10 -0.87	31.54 1.97 -0.57	31.26 1.88 -2.50	30.79 1.85 -2.49	31.04 1.92 0.00	31.85 2.06 0.00	34.90 2.31 0.00	38.17 2.35 -0.67	43.90 2.41 -0.02	48.88 1.88 0.00	51.37 1.88 0.00	55.12 2.07 0.00	59.34 2.45 0.01	68.05 2.66 -0.39	93.29 4.86 -0.01	110.10 6.23 -0.01	112.84 6.18 -0.06	102.60 4.61 -0.01	83.60 3.02 -1.20	58.48 1.59 0.01	50.72 1.38 0.01	45.93 1.81 -0.01	38.07 1.74 -0.01
ASTORIA_GT2_3 24096	35.68 2.11 -0.01	32.94 2.10 -0.87	31.54 1.97 -0.57	31.26 1.88 -2.50	30.79 1.85 -2.49	31.04 1.92 0.00	31.85 2.06 0.00	34.90 2.31 0.00	38.17 2.35 -0.67	43.90 2.41 -0.02	48.88 1.88 0.00	51.37 1.88 0.00	55.12 2.07 0.00	59.34 2.45 0.01	68.05 2.66 -0.39	93.29 4.86 -0.01	110.10 6.23 -0.01	112.84 6.18 -0.06	102.60 4.61 -0.01	83.60 3.02 -1.20	58.48 1.59 0.01	50.72 1.38 0.01	45.93 1.81 -0.01	38.07 1.74 -0.01
ASTORIA_GT2_4 24097	35.68 2.11 -0.01	32.94 2.10 -0.87	31.54 1.97 -0.57	31.26 1.88 -2.50	30.79 1.85 -2.49	31.04 1.92 0.00	31.85 2.06 0.00	34.90 2.31 0.00	38.17 2.35 -0.67	43.90 2.41 -0.02	48.88 1.88 0.00	51.37 1.88 0.00	55.12 2.07 0.00	59.34 2.45 0.01	68.05 2.66 -0.39	93.29 4.86 -0.01	110.10 6.23 -0.01	112.84 6.18 -0.06	102.60 4.61 -0.01	83.60 3.02 -1.20	58.48 1.59 0.01	50.72 1.38 0.01	45.93 1.81 -0.01	38.07 1.74 -0.01
ASTORIA_GT3_1 24098	35.68 2.11 -0.01	32.94 2.10 -0.87	31.54 1.97 -0.57	31.26 1.88 -2.50	30.79 1.85 -2.49	31.04 1.92 0.00	31.85 2.06 0.00	34.90 2.31 0.00	38.17 2.35 -0.67	43.90 2.41 -0.02	48.88 1.88 0.00	51.37 1.88 0.00	55.12 2.07 0.00	59.34 2.45 0.01	68.05 2.66 -0.39	93.29 4.86 -0.01	110.10 6.23 -0.01	112.84 6.18 -0.06	102.60 4.61 -0.01	83.60 3.02 -1.20	58.48 1.59 0.01	50.72 1.38 0.01	45.93 1.81 -0.01	38.07 1.74 -0.01
ASTORIA_GT3_2 24099	35.68 2.11 -0.01	32.94 2.10 -0.87	31.54 1.97 -0.57	31.26 1.88 -2.50	30.79 1.85 -2.49	31.04 1.92 0.00	31.85 2.06 0.00	34.90 2.31 0.00	38.17 2.35 -0.67	43.90 2.41 -0.02	48.88 1.88 0.00	51.37 1.88 0.00	55.12 2.07 0.00	59.34 2.45 0.01	68.05 2.66 -0.39	93.29 4.86 -0.01	110.10 6.23 -0.01	112.84 6.18 -0.06	102.60 4.61 -0.01	83.60 3.02 -1.20	58.48 1.59 0.01	50.72 1.38 0.01	45.93 1.81 -0.01	38.07 1.74 -0.01
ASTORIA_GT3_3 24100	35.68 2.11 -0.01	32.94 2.10 -0.87	31.54 1.97 -0.57	31.26 1.88 -2.50	30.79 1.85 -2.49	31.04 1.92 0.00	31.85 2.06 0.00	34.90 2.31 0.00	38.17 2.35 -0.67	43.90 2.41 -0.02	48.88 1.88 0.00	51.37 1.88 0.00	55.12 2.07 0.00	59.34 2.45 0.01	68.05 2.66 -0.39	93.29 4.86 -0.01	110.10 6.23 -0.01	112.84 6.18 -0.06	102.60 4.61 -0.01	83.60 3.02 -1.20	58.48 1.59 0.01	50.72 1.38 0.01	45.93 1.81 -0.01	38.07 1.74 -0.01
ASTORIA_GT3_4 24101	35.68 2.11 -0.01	32.94 2.10 -0.87	31.54 1.97 -0.57	31.26 1.88 -2.50	30.79 1.85 -2.49	31.04 1.92 0.00	31.85 2.06 0.00	34.90 2.31 0.00	38.17 2.35 -0.67	43.90 2.41 -0.02	48.88 1.88 0.00	51.37 1.88 0.00	55.12 2.07 0.00	59.34 2.45 0.01	68.05 2.66 -0.39	93.29 4.86 -0.01	110.10 6.23 -0.01	112.84 6.18 -0.06	102.60 4.61 -0.01	83.60 3.02 -1.20	58.48 1.59 0.01	50.72 1.38 0.01	45.93 1.81 -0.01	38.07 1.74 -0.01
ASTORIA_GT4_1 24102	35.68 2.11 -0.01	32.94 2.10 -0.87	31.54 1.97 -0.57	31.26 1.88 -2.50	30.79 1.85 -2.49	31.04 1.92 0.00	31.85 2.06 0.00	34.90 2.31 0.00	38.17 2.35 -0.67	43.90 2.41 -0.02	48.88 1.88 0.00	51.37 1.88 0.00	55.12 2.07 0.00	59.34 2.45 0.01	68.05 2.66 -0.39	93.29 4.86 -0.01	110.10 6.23 -0.01	112.84 6.18 -0.06	102.60 4.61 -0.01	83.60 3.02 -1.20	58.48 1.59 0.01	50.72 1.38 0.01	45.93 1.81 -0.01	38.07 1.74 -0.01
ASTORIA_GT4_2 24103	35.68 2.11 -0.01	32.94 2.10 -0.87	31.54 1.97 -0.57	31.26 1.88 -2.50	30.79 1.85 -2.49	31.04 1.92 0.00	31.85 2.06 0.00	34.90 2.31 0.00	38.17 2.35 -0.67	43.90 2.41 -0.02	48.88 1.88 0.00	51.37 1.88 0.00	55.12 2.07 0.00	59.34 2.45 0.01	68.05 2.66 -0.39	93.29 4.86 -0.01	110.10 6.23 -0.01	112.84 6.18 -0.06	102.60 4.61 -0.01	83.60 3.02 -1.20	58.48 1.59 0.01	50.72 1.38 0.01	45.93 1.81 -0.01	38.07 1.74 -0.01
ASTORIA_GT4_3 24104	35.68 2.11 -0.01	32.94 2.10 -0.87	31.54 1.97 -0.57	31.26 1.88 -2.50	30.79 1.85 -2.49	31.04 1.92 0.00	31.85 2.06 0.00	34.90 2.31 0.00	38.17 2.35 -0.67	43.90 2.41 -0.02	48.88 1.88 0.00	51.37 1.88 0.00	55.12 2.07 0.00	59.34 2.45 0.01	68.05 2.66 -0.39	93.29 4.86 -0.01	110.10 6.23 -0.01	112.84 6.18 -0.06	102.60 4.61 -0.01	83.60 3.02 -1.20	58.48 1.59 0.01	50.72 1.38 0.01	45.93 1.81 -0.01	38.07 1.74 -0.01
ASTORIA_GT4_4 24105	35.68 2.11 -0.01	32.94 2.10 -0.87	31.54 1.97 -0.57	31.26 1.88 -2.50	30.79 1.85 -2.49	31.04 1.92 0.00	31.85 2.06 0.00	34.90 2.31 0.00	38.17 2.35 -0.67	43.90 2.41 -0.02	48.88 1.88 0.00	51.37 1.88 0.00	55.12 2.07 0.00	59.34 2.45 0.01	68.05 2.66 -0.39	93.29 4.86 -0.01	110.10 6.23 -0.01	112.84 6.18 -0.06	102.60 4.61 -0.01	83.60 3.02 -1.20	58.48 1.59 0.01	50.72 1.38 0.01	45.93 1.81 -0.01	38.07 1.74 -0.01
ASTORIA_GT_1 23523	35.85 2.28 -0.01	33.00 2.16 -0.87	31.63 2.06 -0.57	31.31 1.94 -2.50	30.84 1.91 -2.49	31.39 2.27 0.00	31.94 2.15 0.00	35.00 2.41 0.00	38.27 2.46 -0.66	44.02 2.53 -0.02	49.02 2.02 0.00	51.52 2.03 0.00	55.28 2.23 0.00	59.52 2.62 0.01	68.24 2.86 -0.39	93.56 5.13 -0.01	110.42 6.55 -0.01	113.16 6.50 -0.06	102.90 4.90 -0.01	83.84 3.26 -1.20	58.65 1.77 0.01	50.82 1.48 0.01	46.02 1.90 -0.01	38.15 1.82 -0.01

ASTORIA_GT_10 24110	35.64 2.08 0.00	32.87 2.04 -0.86	31.47 1.91 -0.56	31.17 1.80 -2.50	30.74 1.80 -2.49	31.07 1.95 0.00	31.91 2.12 0.00	34.97 2.38 0.00	38.35 2.53 -0.67	44.02 2.53 -0.02	49.02 2.02 0.00	51.42 1.93 0.00	55.12 2.07 0.00	55.26 2.22 3.86	57.99 2.40 9.41	92.93 4.51 0.00	109.68 5.82 0.00	112.51 5.86 -0.05	82.21 4.31 20.09	57.55 2.70 24.53	50.52 1.37 7.74	47.51 1.18 3.03	45.75 1.63 0.00	37.99 1.67 0.00
ASTORIA_GT_11 24225	35.64 2.08 0.00	32.87 2.04 -0.86	31.47 1.91 -0.56	31.17 1.80 -2.50	30.74 1.80 -2.49	31.07 1.95 0.00	31.91 2.12 0.00	34.97 2.38 0.00	38.35 2.53 -0.67	44.02 2.53 -0.02	49.02 2.02 0.00	51.42 1.93 0.00	55.12 2.07 0.00	55.26 2.22 3.86	57.99 2.40 9.41	92.93 4.51 0.00	109.68 5.82 0.00	112.51 5.86 -0.05	82.21 4.31 20.09	57.55 2.70 24.53	50.52 1.37 7.74	47.51 1.18 3.03	45.75 1.63 0.00	37.99 1.67 0.00
ASTORIA_GT_12 24226	35.71 2.15 0.00	32.87 2.04 -0.86	31.50 1.94 -0.56	31.17 1.80 -2.50	30.74 1.80 -2.49	31.19 2.07 0.00	31.94 2.15 0.00	35.00 2.41 0.00	38.35 2.53 -0.67	44.02 2.53 -0.02	49.02 2.02 0.00	51.42 1.93 0.00	55.07 2.02 0.00	55.26 2.22 3.86	57.99 2.41 9.41	92.93 4.51 0.00	109.68 5.81 0.00	112.50 5.86 -0.05	82.21 4.31 20.09	57.55 2.70 24.54	50.52 1.36 7.74	47.46 1.14 3.03	45.75 1.63 0.00	37.99 1.67 0.00
ASTORIA_GT_13 24227	35.71 2.15 0.00	32.87 2.04 -0.86	31.50 1.94 -0.56	31.17 1.80 -2.50	30.74 1.80 -2.49	31.19 2.07 0.00	31.94 2.15 0.00	35.00 2.41 0.00	38.35 2.53 -0.67	44.02 2.53 -0.02	49.02 2.02 0.00	51.42 1.93 0.00	55.07 2.02 0.00	55.26 2.22 3.86	57.99 2.41 9.41	92.93 4.51 0.00	109.68 5.81 0.00	112.50 5.86 -0.05	82.21 4.31 20.09	57.55 2.70 24.54	50.52 1.36 7.74	47.46 1.14 3.03	45.75 1.63 0.00	37.99 1.67 0.00
ASTORIA_GT_5 24106	35.85 2.28 -0.01	33.00 2.16 -0.87	31.63 2.06 -0.57	31.31 1.94 -2.50	30.84 1.91 -2.49	31.39 2.27 0.00	31.94 2.15 0.00	35.00 2.41 0.00	38.27 2.46 -0.66	44.02 2.53 -0.02	49.02 2.02 0.00	51.52 2.03 0.00	55.28 2.23 0.00	59.52 2.62 0.01	68.24 2.86 -0.39	93.56 5.13 -0.01	110.42 6.55 -0.01	113.16 6.50 -0.06	102.90 4.90 -0.01	83.84 3.26 -1.20	58.65 1.77 0.01	50.82 1.48 0.01	46.02 1.90 -0.01	38.15 1.82 -0.01
ASTORIA_GT_7 24107	35.85 2.28 -0.01	33.00 2.16 -0.87	31.63 2.06 -0.57	31.31 1.94 -2.50	30.84 1.91 -2.49	31.39 2.27 0.00	31.94 2.15 0.00	35.00 2.41 0.00	38.27 2.46 -0.66	44.02 2.53 -0.02	49.02 2.02 0.00	51.52 2.03 0.00	55.28 2.23 0.00	59.52 2.62 0.01	68.24 2.86 -0.39	93.56 5.13 -0.01	110.42 6.55 -0.01	113.16 6.50 -0.06	102.90 4.90 -0.01	83.84 3.26 -1.20	58.65 1.77 0.01	50.82 1.48 0.01	46.02 1.90 -0.01	38.15 1.82 -0.01
ASTORIA_GT_8 24108	35.75 2.18 -0.01	33.00 2.16 -0.87	31.60 2.03 -0.57	31.31 1.93 -2.50	30.84 1.90 -2.49	31.13 2.01 0.00	31.91 2.12 0.00	34.97 2.38 0.00	38.28 2.46 -0.67	44.02 2.53 -0.02	49.02 2.02 0.00	51.52 2.03 0.00	55.28 2.23 0.00	59.52 2.62 0.01	68.24 2.86 -0.39	93.56 5.13 -0.01	110.41 6.54 -0.01	113.16 6.50 -0.06	102.90 4.90 -0.01	83.84 3.25 -1.20	58.65 1.76 0.01	50.82 1.48 0.01	46.02 1.90 -0.01	38.15 1.82 -0.01
ASTORIA___2 24149	35.78 2.21 -0.01	32.94 2.10 -0.87	31.57 2.00 -0.57	31.25 1.88 -2.50	30.79 1.85 -2.49	31.33 2.21 0.00	31.87 2.08 0.00	34.94 2.35 0.00	38.16 2.36 -0.66	43.90 2.40 -0.02	48.88 1.88 0.00	51.37 1.88 0.00	55.12 2.07 0.00	59.34 2.45 0.01	68.05 2.67 -0.39	93.29 4.86 -0.01	110.10 6.23 -0.01	112.84 6.18 -0.06	102.60 4.61 -0.01	83.60 3.02 -1.20	58.48 1.59 0.01	50.72 1.38 0.01	45.93 1.81 -0.01	38.07 1.74 -0.01
ASTORIA___3 23516	35.71 2.15 0.00	32.87 2.04 -0.86	31.50 1.94 -0.56	31.17 1.80 -2.50	30.74 1.80 -2.49	31.19 2.07 0.00	31.94 2.15 0.00	35.00 2.41 0.00	38.35 2.53 -0.67	44.02 2.53 -0.02	49.02 2.02 0.00	51.42 1.93 0.00	55.07 2.02 0.00	55.26 2.22 3.86	57.99 2.41 9.41	92.93 4.51 0.00	109.68 5.81 0.00	112.50 5.86 -0.05	82.21 4.31 20.09	57.55 2.70 24.54	50.52 1.36 7.74	47.46 1.14 3.03	45.75 1.63 0.00	37.99 1.67 0.00
ASTORIA___4 23517	35.64 2.08 0.00	32.87 2.04 -0.86	31.47 1.91 -0.56	31.17 1.80 -2.50	30.74 1.80 -2.49	31.07 1.95 0.00	31.91 2.12 0.00	34.97 2.38 0.00	38.35 2.53 -0.67	44.02 2.53 -0.02	49.02 2.02 0.00	51.42 1.93 0.00	55.12 2.07 0.00	55.26 2.22 3.86	57.99 2.40 9.41	92.93 4.51 0.00	109.68 5.82 0.00	112.51 5.86 -0.05	82.21 4.31 20.09	57.55 2.70 24.53	50.52 1.37 7.74	47.51 1.18 3.03	45.75 1.63 0.00	37.99 1.67 0.00
ASTORIA___5 23518	35.71 2.15 0.00	32.87 2.04 -0.86	31.50 1.94 -0.56	31.17 1.80 -2.50	30.74 1.80 -2.49	31.19 2.07 0.00	31.94 2.15 0.00	35.00 2.41 0.00	38.35 2.53 -0.67	44.02 2.53 -0.02	49.02 2.02 0.00	51.42 1.93 0.00	55.07 2.02 0.00	55.26 2.22 3.86	57.99 2.41 9.41	92.93 4.51 0.00	109.68 5.81 0.00	112.50 5.86 -0.05	82.21 4.31 20.09	57.55 2.70 24.54	50.52 1.36 7.74	47.46 1.14 3.03	45.75 1.63 0.00	37.99 1.67 0.00
AST_ENERGY_2_CC3 323677	35.54 1.98 0.00	32.69 1.86 -0.86	31.33 1.77 -0.56	31.04 1.67 -2.50	30.58 1.64 -2.49	31.01 1.89 0.00	31.84 2.05 0.00	34.87 2.28 0.00	38.24 2.42 -0.67	44.02 2.53 -0.02	49.16 2.16 0.00	51.62 2.13 0.00	55.39 2.33 0.00	59.41 2.50 0.00	68.19 2.79 -0.40	93.46 5.04 0.00	110.31 6.44 0.00	113.15 6.50 -0.05	102.89 4.90 0.00	83.75 3.18 -1.19	58.55 1.65 0.00	50.73 1.38 0.00	45.97 1.85 0.00	37.99 1.67 0.00
AST_ENERGY_2_CC4 323678	35.54 1.98 0.00	32.69 1.86 -0.86	31.33 1.77 -0.56	31.04 1.67 -2.50	30.58 1.64 -2.49	31.01 1.89 0.00	31.84 2.05 0.00	34.87 2.28 0.00	38.24 2.42 -0.67	44.02 2.53 -0.02	49.16 2.16 0.00	51.62 2.13 0.00	55.39 2.33 0.00	59.41 2.50 0.00	68.19 2.79 -0.40	93.46 5.04 0.00	110.31 6.44 0.00	113.15 6.50 -0.05	102.89 4.90 0.00	83.75 3.18 -1.19	58.55 1.65 0.00	50.73 1.38 0.00	45.97 1.85 0.00	37.99 1.67 0.00
ATHENS_STG_1 23668	34.76 1.21 0.00	32.15 1.26 -0.91	30.93 1.33 -0.60	30.76 1.24 -2.66	30.42 1.22 -2.75	30.46 1.34 0.00	31.13 1.34 0.00	33.89 1.30 0.00	37.04 1.34 -0.55	42.94 1.45 -0.02	48.22 1.22 0.00	50.67 1.19 0.00	54.33 1.27 0.00	58.21 1.31 0.00	66.29 1.30 0.00	90.71 2.30 0.00	106.88 3.01 0.00	109.85 3.19 -0.05	100.34 2.35 0.00	81.94 1.74 -0.81	57.98 1.08 0.00	50.29 0.94 0.00	45.35 1.23 0.00	37.45 1.13 0.00
ATHENS_STG_2 23670	34.76 1.21 0.00	32.15 1.26 -0.91	30.93 1.33 -0.60	30.76 1.24 -2.66	30.42 1.22 -2.75	30.46 1.34 0.00	31.13 1.34 0.00	33.89 1.30 0.00	37.04 1.34 -0.55	42.94 1.45 -0.02	48.22 1.22 0.00	50.67 1.19 0.00	54.33 1.27 0.00	58.21 1.31 0.00	66.29 1.30 0.00	90.71 2.30 0.00	106.88 3.01 0.00	109.85 3.19 -0.05	100.34 2.35 0.00	81.94 1.74 -0.81	57.98 1.08 0.00	50.29 0.94 0.00	45.35 1.23 0.00	37.45 1.13 0.00

ATHENS_STG_3 23677	34.76	32.15	30.93	30.76	30.42	30.46	31.13	33.89	37.04	42.94	48.22	50.67	54.33	58.21	66.29	90.71	106.88	109.85	100.34	81.94	57.98	50.29	45.35	37.45
	1.21	1.26	1.33	1.24	1.22	1.34	1.34	1.30	1.34	1.45	1.22	1.19	1.27	1.31	1.30	2.30	3.01	3.19	2.35	1.74	1.08	0.94	1.23	1.13
	0.00	-0.91	-0.60	-2.66	-2.75	0.00	0.00	0.00	-0.55	-0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.05	0.00	-0.81	0.00	0.00	0.00	0.00
AUBURN____LFGE 323710	34.43	30.71	29.56	27.62	27.17	29.67	30.39	33.14	35.75	42.26	48.39	51.02	55.45	59.70	68.47	96.03	112.74	116.42	106.71	85.16	59.76	51.52	45.53	37.63
	0.87	0.63	0.49	0.46	0.42	0.55	0.60	0.55	0.60	0.79	1.32	1.53	2.02	2.16	2.53	3.36	3.74	4.26	4.12	3.25	2.67	2.17	1.41	1.31
	0.00	-0.10	-0.07	-0.29	-0.29	0.00	0.00	0.00	0.00	0.00	-0.07	0.00	-0.38	-0.63	-0.94	-4.25	-5.14	-5.56	-4.61	-2.52	-0.19	0.00	0.00	0.00
BABYLON_RES_REC 323704	46.55	40.42	36.66	31.95	31.48	32.15	32.92	35.91	39.37	45.40	48.89	55.84	65.00	58.77	67.46	92.40	110.83	116.18	105.21	85.73	59.72	50.85	46.76	43.20
	3.15	3.00	2.81	2.58	2.54	2.91	3.13	3.33	3.55	3.77	1.88	1.68	2.07	1.88	2.08	3.98	5.29	5.65	4.21	2.54	1.36	1.33	2.60	3.09
	-9.83	-7.45	-4.85	-2.51	-2.49	-0.12	0.00	0.00	-0.67	-0.15	0.00	-4.67	-9.88	0.01	-0.39	0.01	-1.67	-3.94	-3.01	-3.81	-1.46	-0.17	-0.04	-3.79
BABYLON__69_KV_BK2 356345	47.02	40.90	37.09	32.36	31.85	32.53	33.13	36.37	39.90	46.14	50.07	65.43	83.84	60.54	69.22	94.87	117.28	122.14	114.10	93.32	62.43	52.32	47.50	43.86
	3.62	3.48	3.25	2.98	2.91	3.29	3.34	3.78	4.08	4.52	3.06	2.97	3.34	3.64	3.83	6.45	8.10	8.21	6.57	4.45	2.79	2.42	3.31	3.74
	-9.83	-7.45	-4.85	-2.51	-2.49	-0.12	0.00	0.00	-0.67	-0.15	-0.01	-12.97	-27.44	0.00	-0.39	0.00	-5.32	-7.33	-9.55	-9.49	-2.74	-0.55	-0.08	-3.79
BARON_WINDS____WT_PWR 323822	34.53	30.94	29.70	27.81	27.10	29.30	30.27	32.69	35.18	41.72	47.81	50.67	54.73	58.81	67.48	91.49	107.20	109.87	101.17	81.93	59.33	51.33	45.00	37.81
	0.97	0.78	0.58	0.40	0.13	0.18	0.48	0.10	0.07	0.25	0.80	1.19	1.59	1.77	2.27	2.12	2.18	2.02	2.15	1.99	2.39	1.98	0.88	1.49
	0.00	-0.18	-0.12	-0.54	-0.52	0.00	0.00	0.00	0.03	0.00	-0.02	0.00	-0.09	-0.14	-0.21	-0.95	-1.15	-1.25	-1.03	-0.56	-0.04	0.00	0.00	0.00
BARRETT_IC_1 23704	46.02	39.91	36.16	31.53	31.06	31.63	32.26	35.16	38.46	44.36	48.50	50.92	54.59	58.55	67.13	91.95	108.53	111.54	101.50	82.62	57.85	50.23	46.11	42.51
	2.62	2.49	2.32	2.15	2.12	2.39	2.47	2.57	2.64	2.74	1.50	1.44	1.54	1.65	1.76	3.54	4.68	4.91	3.52	2.06	0.97	0.89	1.99	2.40
	-9.84	-7.45	-4.85	-2.51	-2.49	-0.12	0.00	0.00	-0.67	-0.15	0.00	0.01	0.01	0.01	-0.38	0.01	0.02	-0.04	0.01	-1.18	0.02	0.01	-0.01	-3.79
BARRETT_IC_10 23701	46.02	39.91	36.16	31.53	31.06	31.63	32.26	35.16	38.46	44.36	48.50	50.92	54.59	58.55	67.13	91.95	108.53	111.54	101.50	82.62	57.85	50.23	46.11	42.51
	2.62	2.49	2.32	2.15	2.12	2.39	2.47	2.57	2.64	2.74	1.50	1.44	1.54	1.65	1.76	3.54	4.68	4.91	3.52	2.06	0.97	0.89	1.99	2.40
	-9.84	-7.45	-4.85	-2.51	-2.49	-0.12	0.00	0.00	-0.67	-0.15	0.00	0.01	0.01	0.01	-0.38	0.01	0.02	-0.04	0.01	-1.18	0.02	0.01	-0.01	-3.79
BARRETT_IC_11 23702	46.02	39.91	36.16	31.53	31.06	31.63	32.26	35.16	38.46	44.36	48.50	50.92	54.59	58.55	67.13	91.95	108.53	111.54	101.50	82.62	57.85	50.23	46.11	42.51
	2.62	2.49	2.32	2.15	2.12	2.39	2.47	2.57	2.64	2.74	1.50	1.44	1.54	1.65	1.76	3.54	4.68	4.91	3.52	2.06	0.97	0.89	1.99	2.40
	-9.84	-7.45	-4.85	-2.51	-2.49	-0.12	0.00	0.00	-0.67	-0.15	0.00	0.01	0.01	0.01	-0.38	0.01	0.02	-0.04	0.01	-1.18	0.02	0.01	-0.01	-3.79
BARRETT_IC_12 23703	46.02	39.91	36.16	31.53	31.06	31.63	32.26	35.16	38.46	44.36	48.50	50.92	54.59	58.55	67.13	91.95	108.53	111.54	101.50	82.62	57.85	50.23	46.11	42.51
	2.62	2.49	2.32	2.15	2.12	2.39	2.47	2.57	2.64	2.74	1.50	1.44	1.54	1.65	1.76	3.54	4.68	4.91	3.52	2.06	0.97	0.89	1.99	2.40
	-9.84	-7.45	-4.85	-2.51	-2.49	-0.12	0.00	0.00	-0.67	-0.15	0.00	0.01	0.01	0.01	-0.38	0.01	0.02	-0.04	0.01	-1.18	0.02	0.01	-0.01	-3.79
BARRETT_IC_2 23705	46.02	39.91	36.16	31.53	31.06	31.63	32.26	35.16	38.46	44.36	48.50	50.92	54.59	58.55	67.13	91.95	108.53	111.54	101.50	82.62	57.85	50.23	46.11	42.51
	2.62	2.49	2.32	2.15	2.12	2.39	2.47	2.57	2.64	2.74	1.50	1.44	1.54	1.65	1.76	3.54	4.68	4.91	3.52	2.06	0.97	0.89	1.99	2.40
	-9.84	-7.45	-4.85	-2.51	-2.49	-0.12	0.00	0.00	-0.67	-0.15	0.00	0.01	0.01	0.01	-0.38	0.01	0.02	-0.04	0.01	-1.18	0.02	0.01	-0.01	-3.79
BARRETT_IC_3 23706	46.02	39.91	36.16	31.53	31.06	31.63	32.26	35.16	38.46	44.36	48.50	50.92	54.59	58.55	67.13	91.95	108.53	111.54	101.50	82.62	57.85	50.23	46.11	42.51
	2.62	2.49	2.32	2.15	2.12	2.39	2.47	2.57	2.64	2.74	1.50	1.44	1.54	1.65	1.76	3.54	4.68	4.91	3.52	2.06	0.97	0.89	1.99	2.40
	-9.84	-7.45	-4.85	-2.51	-2.49	-0.12	0.00	0.00	-0.67	-0.15	0.00	0.01	0.01	0.01	-0.38	0.01	0.02	-0.04	0.01	-1.18	0.02	0.01	-0.01	-3.79
BARRETT_IC_4 23707	46.02	39.91	36.16	31.53	31.06	31.63	32.26	35.16	38.46	44.36	48.50	50.92	54.59	58.55	67.13	91.95	108.53	111.54	101.50	82.62	57.85	50.23	46.11	42.51
	2.62	2.49	2.32	2.15	2.12	2.39	2.47	2.57	2.64	2.74	1.50	1.44	1.54	1.65	1.76	3.54	4.68	4.91	3.52	2.06	0.97	0.89	1.99	2.40
	-9.84	-7.45	-4.85	-2.51	-2.49	-0.12	0.00	0.00	-0.67	-0.15	0.00	0.01	0.01	0.01	-0.38	0.01	0.02	-0.04	0.01	-1.18	0.02	0.01	-0.01	-3.79
BARRETT_IC_5 23708	46.02	39.91	36.16	31.53	31.06	31.63	32.26	35.16	38.46	44.36	48.50	50.92	54.59	58.55	67.13	91.95	108.53	111.54	101.50	82.62	57.85	50.23	46.11	42.51
	2.62	2.49	2.32	2.15	2.12	2.39	2.47	2.57	2.64	2.74	1.50	1.44	1.54	1.65	1.76	3.54	4.68	4.91	3.52	2.06	0.97	0.89	1.99	2.40
	-9.84	-7.45	-4.85	-2.51	-2.49	-0.12	0.00	0.00	-0.67	-0.15	0.00	0.01	0.01	0.01	-0.38	0.01	0.02	-0.04	0.01	-1.18	0.02	0.01	-0.01	-3.79
BARRETT_IC_6 23709	46.02	39.91	36.16	31.53	31.06	31.63	32.26	35.16	38.46	44.36	48.50	50.92	54.59	58.55	67.13	91.95	108.53	111.54	101.50	82.62	57.85	50.23	46.11	42.51
	2.62	2.49	2.32	2.15	2.12	2.39	2.47	2.57	2.64	2.74	1.50	1.44	1.54	1.65	1.76	3.54	4.68	4.91	3.52	2.06	0.97	0.89	1.99	2.40
	-9.84	-7.45	-4.85	-2.51	-2.49	-0.12	0.00	0.00	-0.67	-0.15	0.00	0.01	0.01	0.01	-0.38	0.01	0.02	-0.04	0.01	-1.18	0.02	0.01	-0.01	-3.79
BARRETT_IC_7 23710	45.91	39.91	36.16	31.55	31.06	31.63	32.11	35.16	38.46	44.36	48.50	50.92	54.59	58.61	67.14	91.95	108.53	111.55	101.51	82.63	57.86	50.23	46.10	42.51
	2.52	2.49	2.32	2.18	2.12	2.39	2.32	2.57	2.64	2.74	1.50	1.44	1.54	1.71	1.75	3.54	4.67	4.90	3.53	2.06	0.97	0.89	1.99	2.40
	-9.83	-7.45	-4.85	-2.51	-2.49	-0.12	0.00	0.00	-0.67	-0.15	0.00	0.01	0.01	0.01	-0.39	0.01	0.01	-0.05	0.01	-1.19	0.01	0.01	0.00	-3.79

BARRETT_IC_8 23711	46.02 2.62 -9.84	39.91 2.49 -7.45	36.16 2.32 -4.85	31.53 2.15 -2.51	31.06 2.12 -2.49	31.63 2.39 -0.12	32.26 2.47 0.00	35.16 2.57 0.00	38.46 2.64 -0.67	44.36 2.74 -0.15	48.50 1.50 0.00	50.92 1.44 0.01	54.59 1.54 0.01	58.55 1.65 0.01	67.13 1.76 -0.38	91.95 3.54 0.01	108.53 4.68 0.02	111.54 4.91 -0.04	101.50 3.52 0.01	82.62 2.06 -1.18	57.85 0.97 0.02	50.23 0.89 0.01	46.11 1.99 -0.01	42.51 2.40 -3.79
BARRETT_IC_9 23700	46.02 2.62 -9.84	39.91 2.49 -7.45	36.16 2.32 -4.85	31.53 2.15 -2.51	31.06 2.12 -2.49	31.63 2.39 -0.12	32.26 2.47 0.00	35.16 2.57 0.00	38.46 2.64 -0.67	44.36 2.74 -0.15	48.50 1.50 0.00	50.92 1.44 0.01	54.59 1.54 0.01	58.55 1.65 0.01	67.13 1.76 -0.38	91.95 3.54 0.01	108.53 4.68 0.02	111.54 4.91 -0.04	101.50 3.52 0.01	82.62 2.06 -1.18	57.85 0.97 0.02	50.23 0.89 0.01	46.11 1.99 -0.01	42.51 2.40 -3.79
BARRETT___1 23545	46.02 2.62 -9.84	39.91 2.49 -7.45	36.16 2.32 -4.85	31.53 2.15 -2.51	31.06 2.12 -2.49	31.63 2.39 -0.12	32.26 2.47 0.00	35.16 2.57 0.00	38.46 2.64 -0.67	44.36 2.74 -0.15	48.50 1.50 0.00	50.92 1.44 0.01	54.59 1.54 0.01	58.55 1.65 0.01	67.13 1.76 -0.38	91.95 3.54 0.01	108.53 4.68 0.02	111.54 4.91 -0.04	101.50 3.52 0.01	82.62 2.06 -1.18	57.85 0.97 0.02	50.23 0.89 0.01	46.11 1.99 -0.01	42.51 2.40 -3.79
BARRETT___2 23546	46.02 2.62 -9.84	39.91 2.49 -7.45	36.16 2.32 -4.85	31.53 2.15 -2.51	31.06 2.12 -2.49	31.63 2.39 -0.12	32.26 2.47 0.00	35.16 2.57 0.00	38.46 2.64 -0.67	44.36 2.74 -0.15	48.50 1.50 0.00	50.92 1.44 0.01	54.59 1.54 0.01	58.55 1.65 0.01	67.13 1.76 -0.38	91.95 3.54 0.01	108.53 4.68 0.02	111.54 4.91 -0.04	101.50 3.52 0.01	82.62 2.06 -1.18	57.85 0.97 0.02	50.23 0.89 0.01	46.11 1.99 -0.01	42.51 2.40 -3.79
BATAVIA___115KV_TB1 55881	35.27 1.71 0.00	31.17 1.08 -0.11	29.83 0.75 -0.07	27.82 0.62 -0.33	27.26 0.48 -0.33	29.64 0.52 0.00	30.45 0.66 0.00	32.88 0.29 0.00	35.29 0.14 0.00	41.76 0.29 0.00	48.13 1.13 0.00	51.27 1.78 0.00	55.28 2.23 0.00	59.01 2.11 0.00	67.92 2.92 0.00	91.07 2.65 0.00	106.04 2.18 0.00	108.31 1.71 -0.01	100.05 2.06 0.00	81.84 2.46 0.00	59.91 3.02 0.00	52.02 2.66 0.00	45.44 1.32 0.00	38.39 2.07 0.00
BAYONEEC___CTG1 323682	35.54 1.98 0.00	32.72 1.89 -0.86	31.36 1.80 -0.56	31.07 1.69 -2.50	30.58 1.64 -2.49	31.01 1.89 0.00	31.87 2.08 0.00	34.90 2.31 0.00	38.24 2.42 -0.67	44.02 2.53 -0.02	49.16 2.16 0.00	51.62 2.13 0.00	55.39 2.33 0.00	59.41 2.50 0.00	68.19 2.79 -0.40	93.46 5.04 0.00	110.31 6.44 0.00	113.15 6.50 -0.05	102.89 4.90 0.00	61.12 3.09 21.35	58.55 1.65 0.00	44.67 1.38 6.06	34.14 1.85 11.83	33.33 1.64 4.63
BAYONEEC___CTG10 323750	35.54 1.98 0.00	32.72 1.89 -0.86	31.36 1.80 -0.56	31.07 1.69 -2.50	30.58 1.64 -2.49	31.01 1.89 0.00	31.87 2.08 0.00	34.90 2.31 0.00	38.24 2.42 -0.67	44.02 2.53 -0.02	49.16 2.16 0.00	51.62 2.13 0.00	55.39 2.33 0.00	59.41 2.50 0.00	68.19 2.79 -0.40	93.46 5.04 0.00	110.31 6.44 0.00	113.15 6.50 -0.05	102.89 4.90 0.00	61.12 3.09 21.35	58.55 1.65 0.00	44.67 1.38 6.06	34.14 1.85 11.83	33.33 1.64 4.63
BAYONEEC___CTG2 323683	35.54 1.98 0.00	32.72 1.89 -0.86	31.36 1.80 -0.56	31.07 1.69 -2.50	30.58 1.64 -2.49	31.01 1.89 0.00	31.87 2.08 0.00	34.90 2.31 0.00	38.24 2.42 -0.67	44.02 2.53 -0.02	49.16 2.16 0.00	51.62 2.13 0.00	55.39 2.33 0.00	59.41 2.50 0.00	68.19 2.79 -0.40	93.46 5.04 0.00	110.31 6.44 0.00	113.15 6.50 -0.05	102.89 4.90 0.00	61.12 3.09 21.35	58.55 1.65 0.00	44.67 1.38 6.06	34.14 1.85 11.83	33.33 1.64 4.63
BAYONEEC___CTG3 323684	35.54 1.98 0.00	32.72 1.89 -0.86	31.36 1.80 -0.56	31.07 1.69 -2.50	30.58 1.64 -2.49	31.01 1.89 0.00	31.87 2.08 0.00	34.90 2.31 0.00	38.24 2.42 -0.67	44.02 2.53 -0.02	49.16 2.16 0.00	51.62 2.13 0.00	55.39 2.33 0.00	59.41 2.50 0.00	68.19 2.79 -0.40	93.46 5.04 0.00	110.31 6.44 0.00	113.15 6.50 -0.05	102.89 4.90 0.00	61.12 3.09 21.35	58.55 1.65 0.00	44.67 1.38 6.06	34.14 1.85 11.83	33.33 1.64 4.63
BAYONEEC___CTG4 323685	35.54 1.98 0.00	32.72 1.89 -0.86	31.36 1.80 -0.56	31.07 1.69 -2.50	30.58 1.64 -2.49	31.01 1.89 0.00	31.87 2.08 0.00	34.90 2.31 0.00	38.24 2.42 -0.67	44.02 2.53 -0.02	49.16 2.16 0.00	51.62 2.13 0.00	55.39 2.33 0.00	59.41 2.50 0.00	68.19 2.79 -0.40	93.46 5.04 0.00	110.31 6.44 0.00	113.15 6.50 -0.05	102.89 4.90 0.00	61.12 3.09 21.35	58.55 1.65 0.00	44.67 1.38 6.06	34.14 1.85 11.83	33.33 1.64 4.63
BAYONEEC___CTG5 323686	35.54 1.98 0.00	32.72 1.89 -0.86	31.36 1.80 -0.56	31.07 1.69 -2.50	30.58 1.64 -2.49	31.01 1.89 0.00	31.87 2.08 0.00	34.90 2.31 0.00	38.24 2.42 -0.67	44.02 2.53 -0.02	49.16 2.16 0.00	51.62 2.13 0.00	55.39 2.33 0.00	59.41 2.50 0.00	68.19 2.79 -0.40	93.46 5.04 0.00	110.31 6.44 0.00	113.15 6.50 -0.05	102.89 4.90 0.00	61.12 3.09 21.35	58.55 1.65 0.00	44.67 1.38 6.06	34.14 1.85 11.83	33.33 1.64 4.63
BAYONEEC___CTG6 323687	35.54 1.98 0.00	32.72 1.89 -0.86	31.36 1.80 -0.56	31.07 1.69 -2.50	30.58 1.64 -2.49	31.01 1.89 0.00	31.87 2.08 0.00	34.90 2.31 0.00	38.24 2.42 -0.67	44.02 2.53 -0.02	49.16 2.16 0.00	51.62 2.13 0.00	55.39 2.33 0.00	59.41 2.50 0.00	68.19 2.79 -0.40	93.46 5.04 0.00	110.31 6.44 0.00	113.15 6.50 -0.05	102.89 4.90 0.00	61.12 3.09 21.35	58.55 1.65 0.00	44.67 1.38 6.06	34.14 1.85 11.83	33.33 1.64 4.63
BAYONEEC___CTG7 323688	35.54 1.98 0.00	32.72 1.89 -0.86	31.36 1.80 -0.56	31.07 1.69 -2.50	30.58 1.64 -2.49	31.01 1.89 0.00	31.87 2.08 0.00	34.90 2.31 0.00	38.24 2.42 -0.67	44.02 2.53 -0.02	49.16 2.16 0.00	51.62 2.13 0.00	55.39 2.33 0.00	59.41 2.50 0.00	68.19 2.79 -0.40	93.46 5.04 0.00	110.31 6.44 0.00	113.15 6.50 -0.05	102.89 4.90 0.00	61.12 3.09 21.35	58.55 1.65 0.00	44.67 1.38 6.06	34.14 1.85 11.83	33.33 1.64 4.63
BAYONEEC___CTG8 323689	35.54 1.98 0.00	32.72 1.89 -0.86	31.36 1.80 -0.56	31.07 1.69 -2.50	30.58 1.64 -2.49	31.01 1.89 0.00	31.87 2.08 0.00	34.90 2.31 0.00	38.24 2.42 -0.67	44.02 2.53 -0.02	49.16 2.16 0.00	51.62 2.13 0.00	55.39 2.33 0.00	59.41 2.50 0.00	68.19 2.79 -0.40	93.46 5.04 0.00	110.31 6.44 0.00	113.15 6.50 -0.05	102.89 4.90 0.00	61.12 3.09 21.35	58.55 1.65 0.00	44.67 1.38 6.06	34.14 1.85 11.83	33.33 1.64 4.63
BAYONEEC___CTG9 323749	35.54 1.98 0.00	32.72 1.89 -0.86	31.36 1.80 -0.56	31.07 1.69 -2.50	30.58 1.64 -2.49	31.01 1.89 0.00	31.87 2.08 0.00	34.90 2.31 0.00	38.24 2.42 -0.67	44.02 2.53 -0.02	49.16 2.16 0.00	51.62 2.13 0.00	55.39 2.33 0.00	59.41 2.50 0.00	68.19 2.79 -0.40	93.46 5.04 0.00	110.31 6.44 0.00	113.15 6.50 -0.05	102.89 4.90 0.00	61.12 3.09 21.35	58.55 1.65 0.00	44.67 1.38 6.06	34.14 1.85 11.83	33.33 1.64 4.63

BEACON___LESR 323632	35.10 1.54 0.00	33.34 1.50 -1.86	31.70 1.48 -1.22	33.67 1.37 -5.43	31.70 1.32 -3.93	30.55 1.43 0.00	31.34 1.55 0.00	34.09 1.50 0.00	37.12 1.54 -0.43	43.23 1.74 -0.01	48.83 1.83 0.00	51.52 2.03 0.00	54.93 1.91 0.04	58.92 2.05 0.04	53.76 2.27 13.51	91.83 3.44 0.04	108.12 4.26 0.00	111.08 4.48 -0.01	101.58 3.63 0.04	91.04 2.94 -8.72	58.89 1.99 0.00	51.03 1.68 0.00	46.01 1.90 0.00	37.96 1.64 0.00
BEAVER RIVER___HYD 24048	33.80 0.24 0.00	29.77 -0.21 0.00	28.74 -0.26 0.00	26.58 -0.29 0.00	26.17 -0.34 -0.06	28.68 -0.44 0.00	29.46 -0.33 0.00	32.26 -0.33 0.00	34.80 -0.35 0.00	41.60 0.12 0.00	47.23 0.19 -0.04	49.88 0.39 0.00	53.55 0.27 -0.23	57.80 0.51 -0.38	66.41 0.84 -0.57	91.80 0.79 -2.59	108.03 1.04 -3.13	110.73 0.75 -3.38	102.65 1.86 -2.80	82.66 1.74 -1.53	58.43 1.42 -0.12	50.39 1.04 0.00	44.86 0.75 0.00	36.94 0.62 0.00
BEEBEE_GT_13 23619	34.57 1.01 0.00	30.70 0.63 -0.09	29.46 0.41 -0.06	27.47 0.32 -0.27	27.08 0.34 -0.28	29.35 0.23 0.00	30.12 0.33 0.00	32.72 0.13 0.00	35.25 0.11 0.00	41.76 0.29 0.00	47.94 0.94 0.00	50.92 1.44 0.00	54.91 1.86 0.00	58.73 1.82 0.00	67.46 2.47 0.00	90.90 2.48 0.00	105.84 1.97 0.00	108.31 1.71 -0.01	99.85 1.86 0.00	81.45 2.06 0.00	59.17 2.28 0.00	51.37 2.02 0.00	45.13 1.01 0.00	37.78 1.45 0.00
BENSHRST_27_KV_BENSHRST_1 355998	36.01 2.45 0.00	33.17 2.34 -0.86	31.76 2.20 -0.56	31.47 2.10 -2.50	31.04 2.09 -2.50	31.33 2.21 0.00	32.14 2.35 0.00	35.29 2.70 0.00	38.77 2.95 -0.67	44.48 2.99 -0.02	49.54 2.54 0.00	52.06 2.57 0.00	55.87 2.81 0.00	67.45 3.13 -7.42	87.42 3.38 -19.05	94.40 5.92 -0.06	111.34 7.48 0.00	114.21 7.57 -0.05	103.76 5.78 0.01	73.18 3.89 10.09	73.78 2.16 -14.72	48.15 1.83 3.03	46.32 2.21 0.00	38.47 2.14 0.00
BETHLEHEM___GRP 23843	34.40 0.84 0.00	32.75 0.93 -1.84	31.16 0.96 -1.21	33.14 0.89 -5.38	31.24 0.87 -3.92	30.05 0.93 0.00	30.77 0.98 0.00	33.44 0.85 0.00	36.45 0.88 -0.43	42.40 0.91 -0.01	47.80 0.80 0.00	50.38 0.89 0.00	53.78 0.74 0.02	57.63 0.74 0.02	58.71 0.78 7.07	89.73 1.33 0.02	105.63 1.77 0.00	108.68 2.03 -0.06	99.34 1.37 0.02	88.97 1.03 -8.55	57.52 0.63 0.00	49.89 0.54 0.00	45.04 0.93 0.00	37.19 0.87 0.00
BETHLEHEM___GS1 323560	34.43 0.87 0.00	32.75 0.93 -1.84	31.16 0.96 -1.21	33.14 0.89 -5.38	31.24 0.87 -3.92	30.05 0.93 0.00	30.77 0.98 0.00	33.43 0.85 0.00	36.46 0.88 -0.43	42.40 0.91 -0.01	47.80 0.80 0.00	50.43 0.94 0.00	53.78 0.74 0.02	57.62 0.74 0.02	58.71 0.78 7.07	89.73 1.33 0.02	105.63 1.76 0.00	108.68 2.02 -0.06	99.34 1.37 0.02	88.96 1.03 -8.55	57.52 0.63 0.00	49.89 0.54 0.00	45.04 0.93 0.00	37.19 0.87 0.00
BETHLEHEM___GS2 323561	34.43 0.87 0.00	32.75 0.93 -1.84	31.16 0.96 -1.21	33.14 0.89 -5.38	31.24 0.87 -3.92	30.05 0.93 0.00	30.77 0.98 0.00	33.43 0.85 0.00	36.46 0.88 -0.43	42.40 0.91 -0.01	47.80 0.80 0.00	50.43 0.94 0.00	53.78 0.74 0.02	57.62 0.74 0.02	58.71 0.78 7.07	89.73 1.33 0.02	105.63 1.76 0.00	108.68 2.02 -0.06	99.34 1.37 0.02	88.96 1.03 -8.55	57.52 0.63 0.00	49.89 0.54 0.00	45.04 0.93 0.00	37.19 0.87 0.00
BETHLEHEM___GS3 323562	34.43 0.87 0.00	32.75 0.93 -1.84	31.16 0.96 -1.21	33.14 0.89 -5.38	31.24 0.87 -3.92	30.05 0.93 0.00	30.77 0.98 0.00	33.43 0.85 0.00	36.46 0.88 -0.43	42.40 0.91 -0.01	47.80 0.80 0.00	50.43 0.94 0.00	53.78 0.74 0.02	57.62 0.74 0.02	58.71 0.78 7.07	89.73 1.33 0.02	105.63 1.76 0.00	108.68 2.02 -0.06	99.34 1.37 0.02	88.96 1.03 -8.55	57.52 0.63 0.00	49.89 0.54 0.00	45.04 0.93 0.00	37.19 0.87 0.00
BETHLEHEM___STEEL 23779	34.93 1.38 0.00	31.01 0.90 -0.13	29.72 0.64 -0.09	27.69 0.43 -0.39	26.89 0.05 -0.39	29.50 0.38 0.00	30.30 0.51 0.00	32.56 -0.03 0.00	34.97 -0.18 0.00	41.35 -0.12 0.00	47.61 0.61 0.00	50.68 1.19 0.00	54.65 1.59 0.00	58.50 1.59 0.00	67.33 2.34 0.00	90.01 1.59 0.00	105.21 1.35 0.00	107.56 0.96 -0.01	99.17 1.18 0.00	80.73 1.35 0.00	59.29 2.39 0.00	51.47 2.12 0.00	44.86 0.75 0.00	38.03 1.71 0.00
BETHLHEM_115KV_TB1 79974	34.46 0.91 0.00	32.76 0.99 -1.80	31.22 1.04 -1.18	33.09 0.97 -5.25	31.25 0.93 -3.87	30.14 1.02 0.00	30.83 1.04 0.00	33.50 0.91 0.00	36.52 0.95 -0.43	42.52 1.04 -0.01	47.94 0.94 0.00	50.48 0.99 0.00	53.83 0.80 0.02	57.74 0.85 0.02	59.19 0.84 6.65	89.91 1.50 0.02	105.84 1.97 0.00	108.89 2.24 -0.06	99.54 1.57 0.02	88.70 1.19 -8.13	57.64 0.74 0.00	49.99 0.64 0.00	45.13 1.01 0.00	37.27 0.94 0.00
BETHPAGE_CC_5 323564	46.11 2.72 -9.83	40.03 2.61 -7.45	36.34 2.49 -4.85	31.71 2.34 -2.51	31.24 2.30 -2.49	31.86 2.62 -0.12	32.62 2.83 0.00	35.55 2.97 0.00	38.98 3.16 -0.67	44.94 3.32 -0.15	48.88 1.88 0.00	53.79 1.83 -2.47	60.47 2.18 -5.23	59.23 2.33 0.01	67.92 2.53 -0.39	93.01 4.59 0.01	110.23 5.92 -0.45	113.78 6.07 -1.11	103.32 4.51 -0.82	84.06 2.78 -1.90	58.83 1.54 -0.39	50.67 1.28 -0.04	46.24 2.12 -0.01	42.69 2.58 -3.79
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	35.00 1.44 0.00	31.07 0.96 -0.14	29.75 0.67 -0.09	27.73 0.46 -0.40	26.84 0.00 -0.39	29.56 0.44 0.00	30.36 0.57 0.00	32.62 0.03 0.00	35.08 -0.07 0.00	41.52 0.04 0.00	47.80 0.80 0.00	50.87 1.39 0.00	54.86 1.80 0.00	58.78 1.88 0.00	67.66 2.66 0.00	90.45 2.03 0.00	105.73 1.87 0.00	108.10 1.49 -0.01	99.66 1.67 0.00	80.97 1.59 0.00	59.46 2.56 0.00	51.62 2.27 0.00	44.95 0.84 0.00	38.10 1.78 0.00
BINGHAMTON___COGEN 23790	34.40 0.84 0.00	30.86 0.60 -0.29	29.71 0.52 -0.19	28.16 0.46 -0.83	27.53 0.32 -0.76	29.61 0.50 0.00	30.33 0.54 0.00	32.98 0.39 0.00	35.48 0.39 0.05	42.05 0.58 0.00	47.92 0.89 -0.03	50.58 1.09 0.00	54.60 1.38 -0.16	58.71 1.54 -0.27	67.21 1.82 -0.40	92.44 2.21 -1.81	108.54 2.49 -2.18	111.42 2.45 -2.38	102.30 2.35 -1.96	82.98 1.98 -1.61	58.74 1.76 -0.08	50.83 1.48 0.00	45.04 0.93 0.00	37.38 1.05 0.00
BIXINCNT_115KV_LOAD 355685	35.07 1.51 0.00	31.11 0.99 -0.15	29.79 0.70 -0.10	27.75 0.46 -0.43	26.58 -0.29 -0.42	29.56 0.44 0.00	30.39 0.60 0.00	32.72 0.13 0.00	35.15 0.00 0.00	41.68 0.21 0.00	48.08 1.08 0.00	51.17 1.68 0.00	55.18 2.12 0.00	59.18 2.28 0.00	68.05 3.05 0.00	90.90 2.48 0.00	105.94 2.08 0.00	108.42 1.81 -0.01	100.15 2.16 0.00	81.05 1.67 0.00	59.51 2.62 0.00	51.62 2.27 0.00	44.95 0.84 0.00	38.03 1.71 0.00
BLACK RIVER___HYD 24047	34.06 0.50 0.00	29.89 -0.09 0.00	28.82 -0.17 0.00	26.71 -0.16 0.00	26.35 -0.18 -0.08	28.86 -0.26 0.00	29.64 -0.15 0.00	32.43 -0.16 0.00	34.90 -0.24 0.00	41.85 0.37 0.00	47.63 0.57 -0.07	50.43 0.94 0.00	54.32 0.90 -0.37	58.71 1.20 -0.61	67.59 1.69 -0.90	94.45 1.94 -4.09	111.29 2.49 -4.94	114.49 2.55 -5.34	106.05 3.63 -4.43	85.06 3.26 -2.43	59.75 2.67 -0.18	51.37 2.02 0.00	45.53 1.41 0.00	37.41 1.09 0.00

BLACKRVR_115KV_TB2 79977	34.10 0.54 0.00	29.89 -0.09 0.00	28.77 -0.23 0.00	26.68 -0.19 0.00	26.27 -0.26 -0.08	28.83 -0.29 0.00	29.67 -0.12 0.00	32.43 -0.16 0.00	34.90 -0.25 0.00	41.85 0.37 0.00	47.63 0.56 -0.07	50.43 0.94 0.00	54.32 0.90 -0.37	58.71 1.20 -0.61	67.59 1.69 -0.90	94.46 1.95 -4.09	111.30 2.49 -4.94	114.50 2.56 -5.34	106.05 3.63 -4.43	84.98 3.18 -2.43	59.75 2.67 -0.18	51.37 2.02 0.00	45.53 1.41 0.00	37.41 1.09 0.00
BLISS_WT_PWR 323608	34.60 1.04 0.00	31.05 0.93 -0.15	29.70 0.61 -0.10	27.67 0.38 -0.43	26.44 -0.42 -0.42	28.74 -0.38 0.00	30.21 0.42 0.00	32.62 0.03 0.00	35.18 0.04 0.00	41.64 0.17 0.00	48.03 1.03 0.00	51.17 1.68 0.00	55.18 2.12 0.00	59.29 2.39 0.00	68.11 3.12 0.00	90.89 2.47 0.00	105.83 1.97 0.00	108.53 1.92 -0.01	100.14 2.15 0.00	81.05 1.67 0.00	59.46 2.56 0.00	51.62 2.27 0.00	44.91 0.79 0.00	38.03 1.71 0.00
BLUE_CIRC_CHEM_DRP 24182	35.04 1.48 0.00	33.06 1.50 -1.58	31.54 1.51 -1.04	32.89 1.40 -4.63	31.42 1.35 -3.62	30.58 1.46 0.00	31.25 1.46 0.00	33.99 1.40 0.00	36.99 1.44 -0.40	43.14 1.66 -0.01	48.69 1.69 0.00	51.32 1.83 0.00	53.57 0.53 0.02	57.46 0.57 0.02	58.90 0.52 6.61	89.29 0.88 0.02	105.11 1.25 0.00	108.24 1.60 -0.05	98.95 0.98 0.02	86.61 0.95 -6.28	57.52 0.63 0.00	49.84 0.49 0.00	45.88 1.76 0.00	37.88 1.56 0.00
BOC_GAS_DRP 24189	34.57 1.01 0.00	32.60 1.08 -1.54	31.17 1.16 -1.01	32.45 1.07 -4.51	31.10 1.03 -3.61	30.28 1.16 0.00	30.92 1.13 0.00	33.63 1.04 0.00	36.66 1.09 -0.42	42.69 1.20 -0.01	48.08 1.08 0.00	50.63 1.14 0.00	54.00 0.95 0.01	57.86 0.97 0.01	61.54 0.91 4.36	90.09 1.68 0.01	105.94 2.08 0.00	109.00 2.35 -0.06	99.64 1.67 0.01	86.50 1.35 -5.77	57.75 0.85 0.00	50.09 0.74 0.00	45.26 1.15 0.00	37.34 1.02 0.00
BOONVILLE_115KV_TB1 79983	34.36 0.81 0.00	30.37 0.39 0.00	29.29 0.29 0.00	27.17 0.30 0.00	26.74 0.24 -0.05	29.44 0.32 0.00	30.21 0.42 0.00	33.08 0.49 0.00	35.75 0.60 0.00	42.64 1.16 0.00	48.47 1.46 -0.02	51.12 1.63 0.00	54.84 1.70 -0.09	59.15 2.11 -0.14	67.87 2.66 -0.21	92.74 3.36 -0.96	109.07 4.05 -1.16	111.26 3.41 -1.25	102.65 3.63 -1.04	82.89 2.94 -0.57	59.16 2.22 -0.04	51.13 1.78 0.00	45.53 1.41 0.00	37.45 1.13 0.00
BORALEX_4TH_BRANCH 23824	35.64 2.08 0.00	34.22 2.04 -2.20	32.47 2.03 -1.44	35.17 1.88 -6.42	32.52 1.82 -4.25	31.16 2.04 0.00	31.91 2.12 0.00	34.71 2.12 0.00	37.86 2.25 -0.46	44.02 2.53 -0.01	49.58 2.58 0.00	52.21 2.72 0.00	56.04 2.97 -0.02	60.05 3.13 -0.02	74.48 3.44 -6.04	93.47 5.04 -0.02	109.88 6.02 0.00	113.38 6.61 -0.18	103.49 5.48 -0.02	95.54 4.28 -11.87	59.85 2.96 0.00	51.92 2.56 0.00	46.63 2.51 0.00	38.50 2.18 0.00
BOWLINE___1 23526	35.00 1.44 0.00	32.24 1.44 -0.82	30.99 1.45 -0.54	30.65 1.37 -2.41	30.19 1.35 -2.39	30.63 1.51 0.00	31.40 1.61 0.00	34.25 1.66 0.00	35.90 1.76 1.00	43.23 1.78 0.03	48.50 1.50 0.00	50.93 1.44 0.00	54.70 1.65 0.00	58.67 1.77 0.00	66.88 1.89 0.00	92.05 3.63 0.00	108.54 4.68 0.00	111.55 4.91 -0.05	101.51 3.52 0.00	82.74 2.22 -1.14	58.09 1.20 0.00	50.34 0.99 0.00	45.44 1.32 0.00	37.52 1.20 0.00
BOWLINE___2 23595	35.03 1.47 0.00	32.27 1.47 -0.82	30.99 1.45 -0.54	30.67 1.40 -2.41	30.19 1.35 -2.39	30.66 1.54 0.00	31.43 1.64 0.00	34.28 1.69 0.00	35.90 1.76 1.00	43.23 1.78 0.03	48.50 1.50 0.00	50.93 1.44 0.00	54.70 1.65 0.00	58.67 1.77 0.00	66.94 1.95 0.00	92.05 3.63 0.00	108.54 4.68 0.00	111.55 4.91 -0.05	101.62 3.63 0.00	82.83 2.30 -1.14	58.09 1.20 0.00	50.34 0.99 0.00	45.44 1.32 0.00	37.52 1.20 0.00
BRADY___115KV_TB2 356060	33.46 -0.10 0.00	29.68 -0.30 0.00	28.62 -0.38 0.00	26.49 -0.38 0.00	26.03 -0.42 0.00	28.57 -0.55 0.00	29.28 -0.51 0.00	32.20 -0.39 0.00	34.87 -0.28 0.00	41.31 -0.17 0.00	46.86 -0.14 0.00	49.19 -0.30 0.00	52.52 -0.53 0.00	56.51 -0.40 0.00	64.86 -0.13 0.00	87.80 -0.62 0.00	103.03 -0.83 0.00	104.68 -1.92 0.00	97.40 -0.59 0.00	79.14 -0.24 0.00	56.56 -0.34 0.00	49.10 -0.25 0.00	44.07 -0.04 0.00	36.10 -0.22 0.00
BRANSCOMB___SOLAR 323811	35.98 2.42 0.00	34.91 2.28 -2.66	32.94 2.20 -1.74	36.67 2.04 -7.76	33.21 1.98 -4.77	31.22 2.10 0.00	31.94 2.15 0.00	34.77 2.18 0.00	37.92 2.36 -0.42	44.35 2.86 -0.01	50.01 3.01 0.00	52.90 3.41 0.00	56.68 3.61 -0.01	60.84 3.92 -0.01	74.08 4.36 -4.73	94.53 6.10 -0.01	111.44 7.58 0.00	114.47 7.68 -0.19	104.96 6.96 -0.01	101.16 5.87 -15.90	61.17 4.27 0.00	53.15 3.80 0.00	47.51 3.40 0.00	39.08 2.76 0.00
BRENTWOD_69_KV_W. BRTWOOD 56703	46.82 3.42 -9.83	40.75 3.33 -7.45	36.98 3.13 -4.85	32.22 2.85 -2.51	31.72 2.78 -2.49	32.41 3.17 -0.12	33.01 3.22 0.00	36.24 3.65 0.00	39.72 3.90 -0.67	45.85 4.23 -0.15	49.62 2.59 -0.03	87.00 2.38 -35.13	130.11 2.76 -74.30	59.57 2.67 0.00	68.05 2.66 -0.39	93.28 4.86 0.00	115.51 6.23 -5.41	119.46 6.40 -6.46	112.51 4.80 -9.72	92.12 3.10 -9.64	61.25 1.93 -2.42	51.69 1.78 -0.56	47.05 2.87 -0.07	43.64 3.52 -3.79
BRISTLHL_115KV_TB1 79998	33.26 -0.30 0.00	29.59 -0.39 0.00	28.56 -0.43 0.00	26.47 -0.40 0.00	26.18 -0.40 -0.13	28.68 -0.44 0.00	29.37 -0.42 0.00	32.07 -0.52 0.00	34.48 -0.67 0.00	40.85 -0.62 0.00	46.67 -0.47 -0.14	49.14 -0.35 0.00	53.66 -0.16 -0.77	58.12 -0.06 -1.27	66.88 0.00 -1.89	96.88 -0.09 -8.55	113.88 -0.31 -10.33	117.23 -0.53 -11.17	106.77 -0.49 -9.27	84.06 -0.40 -5.07	57.22 -0.06 -0.38	49.20 -0.15 0.00	43.72 -0.40 0.00	36.14 -0.18 0.00
BROOKHAVEN___DRP 24191	46.65 3.26 -9.83	40.69 3.27 -7.45	36.95 3.10 -4.85	32.14 2.77 -2.51	31.66 2.72 -2.49	32.33 3.09 -0.12	32.92 3.13 0.00	36.04 3.45 0.00	39.40 3.59 -0.67	45.48 3.86 -0.15	49.40 2.40 0.00	55.65 2.08 -4.08	63.97 2.28 -8.63	59.70 2.79 0.00	68.45 3.05 -0.40	93.82 5.39 0.00	136.51 6.75 -25.89	149.67 6.93 -36.14	149.83 5.39 -46.45	124.69 3.73 -41.58	72.85 2.33 -13.62	53.88 1.83 -2.70	47.30 2.78 -0.40	43.54 3.41 -3.80
BROOKLYN_NAVY_YARD 23515	35.57 2.01 0.00	32.76 1.92 -0.86	31.36 1.80 -0.56	31.07 1.69 -2.50	30.58 1.64 -2.49	31.01 1.89 0.00	31.87 2.08 0.00	34.94 2.35 0.00	38.35 2.53 -0.67	44.15 2.66 -0.02	49.26 2.26 0.00	51.66 2.18 0.00	55.45 2.39 0.00	59.52 2.62 0.00	68.32 2.93 -0.40	93.64 5.22 0.00	110.52 6.65 0.00	113.48 6.83 -0.05	103.18 5.19 0.00	83.91 3.33 -1.19	58.66 1.77 0.00	50.83 1.48 0.00	46.05 1.94 0.00	38.03 1.71 0.00
BROOKLYN___ARMY_DRP 323595	35.81 2.25 0.00	33.02 2.19 -0.86	31.62 2.06 -0.56	31.34 1.96 -2.50	30.90 1.96 -2.50	31.19 2.07 0.00	31.99 2.20 0.00	35.10 2.51 0.00	38.56 2.74 -0.67	44.23 2.74 -0.02	49.21 2.21 0.00	51.72 2.23 0.00	55.44 2.39 0.00	67.05 2.73 -7.42	86.97 2.92 -19.05	93.69 5.22 -0.06	110.51 6.65 0.00	113.36 6.72 -0.05	103.08 5.10 0.01	72.55 3.25 10.09	73.38 1.76 -14.72	47.80 1.48 3.03	46.01 1.90 0.00	38.25 1.93 0.00

BROOKVLE_69_KV_TB1 55790	45.94 2.55 -9.83	39.88 2.46 -7.45	36.28 2.44 -4.85	31.63 2.26 -2.51	31.16 2.22 -2.49	31.74 2.50 -0.12	32.35 2.56 0.00	35.46 2.87 0.00	38.95 3.13 -0.67	44.98 3.36 -0.15	49.68 2.68 0.00	52.21 2.72 0.00	56.18 3.13 0.00	60.37 3.47 0.00	69.16 3.77 -0.39	94.61 6.19 0.00	111.65 7.79 0.00	114.43 7.78 -0.05	104.16 6.17 0.00	84.70 4.13 -1.19	59.34 2.45 0.00	51.37 2.02 0.00	46.58 2.47 0.00	42.66 2.54 -3.79
BROOME_2_LFGE 323671	34.30 0.74 0.00	30.86 0.60 -0.29	29.71 0.52 -0.19	28.13 0.43 -0.83	27.51 0.29 -0.76	29.47 0.35 0.00	30.27 0.48 0.00	32.95 0.36 0.00	35.48 0.39 0.05	42.05 0.58 0.00	47.92 0.89 -0.03	50.58 1.09 0.00	54.59 1.38 -0.16	58.71 1.54 -0.27	67.21 1.82 -0.40	92.44 2.21 -1.80	108.53 2.49 -2.18	111.42 2.45 -2.37	102.29 2.35 -1.96	82.98 1.99 -1.61	58.74 1.77 -0.08	50.83 1.48 0.00	45.04 0.93 0.00	37.38 1.05 0.00
BROOME___LFGE 323600	34.30 0.74 0.00	30.86 0.60 -0.29	29.71 0.52 -0.19	28.13 0.43 -0.83	27.51 0.29 -0.76	29.47 0.35 0.00	30.27 0.48 0.00	32.95 0.36 0.00	35.48 0.39 0.05	42.05 0.58 0.00	47.92 0.89 -0.03	50.58 1.09 0.00	54.59 1.38 -0.16	58.71 1.54 -0.27	67.21 1.82 -0.40	92.44 2.21 -1.80	108.53 2.49 -2.18	111.42 2.45 -2.37	102.29 2.35 -1.96	82.98 1.99 -1.61	58.74 1.77 -0.08	50.83 1.48 0.00	45.04 0.93 0.00	37.38 1.05 0.00
BROWNFLS_115KV_TB_3_5 80003	33.39 -0.17 0.00	29.50 -0.48 0.00	28.42 -0.58 0.00	26.28 -0.59 0.00	25.75 -0.74 -0.04	28.22 -0.90 0.00	28.99 -0.80 0.00	31.84 -0.75 0.00	34.37 -0.77 0.00	40.94 -0.54 0.00	46.47 -0.56 -0.03	48.90 -0.59 0.00	52.36 -0.85 -0.16	56.48 -0.68 -0.26	64.87 -0.52 -0.39	89.04 -1.15 -1.77	104.75 -1.25 -2.14	106.99 -1.92 -2.31	99.42 -0.49 -1.92	80.27 -0.16 -1.05	56.80 -0.17 -0.08	49.15 -0.20 0.00	43.98 -0.13 0.00	36.21 -0.11 0.00
BROWNSV1_27_KV_LOAD 356125	35.84 2.28 0.00	33.05 2.22 -0.86	31.65 2.09 -0.56	31.36 1.99 -2.50	30.87 1.93 -2.49	31.30 2.18 0.00	32.14 2.35 0.00	35.23 2.64 0.00	38.70 2.88 -0.67	44.56 3.07 -0.02	49.82 2.82 0.00	52.31 2.82 0.00	56.13 3.08 0.00	60.26 3.36 0.00	69.16 3.77 -0.40	94.79 6.37 0.00	111.96 8.10 0.00	114.86 8.21 -0.05	104.46 6.47 0.00	84.94 4.37 -1.19	59.40 2.50 0.00	51.42 2.07 0.00	46.58 2.47 0.00	38.43 2.11 0.00
BURROWS___LYONSDAL 23803	34.20 0.64 0.00	30.19 0.21 0.00	29.11 0.12 0.00	27.00 0.13 0.00	26.58 0.08 -0.05	29.24 0.12 0.00	30.00 0.21 0.00	32.88 0.29 0.00	35.46 0.32 0.00	42.35 0.87 0.00	48.15 1.13 -0.02	50.83 1.34 0.00	54.50 1.33 -0.12	58.81 1.71 -0.20	67.50 2.21 -0.30	92.51 2.74 -1.35	108.82 3.32 -1.63	111.02 2.66 -1.76	102.59 3.14 -1.46	82.80 2.62 -0.80	58.95 1.99 -0.06	50.93 1.58 0.00	45.35 1.24 0.00	37.30 0.98 0.00
CAITHNESS_CC_1 323624	46.65 3.25 -9.83	40.60 3.18 -7.45	36.86 3.02 -4.85	32.09 2.71 -2.51	31.58 2.64 -2.49	32.30 3.06 -0.12	33.10 3.31 0.00	36.01 3.42 0.00	39.37 3.55 -0.67	45.40 3.77 -0.15	49.26 2.26 0.00	55.31 1.83 -3.99	63.99 2.49 -8.44	59.35 2.45 0.00	68.19 2.79 -0.40	93.46 5.04 0.00	135.96 6.34 -25.76	172.84 6.50 -59.74	149.20 4.99 -46.22	124.09 3.33 -41.37	81.47 2.05 -22.53	53.72 1.68 -2.69	47.38 2.60 -0.66	43.43 3.30 -3.80
CALPINE BETH_PAGE_GT4 24209	45.98 2.58 -9.83	39.97 2.55 -7.45	36.25 2.41 -4.85	31.71 2.34 -2.51	31.21 2.27 -2.49	31.83 2.59 -0.12	32.41 2.62 0.00	35.46 2.87 0.00	38.88 3.06 -0.67	44.86 3.23 -0.15	48.88 1.88 0.00	53.14 1.88 -1.77	59.04 2.23 -3.76	59.35 2.45 0.01	67.99 2.60 -0.39	93.01 4.60 0.01	110.22 6.02 -0.34	112.72 6.08 -0.05	103.20 4.61 -0.61	83.96 2.86 -1.72	58.48 1.59 0.01	50.66 1.28 -0.03	46.19 2.07 0.00	42.62 2.51 -3.79
CALPINE_BETH_PAGE_GT_4 323586	46.04 2.65 -9.84	39.97 2.55 -7.45	36.25 2.41 -4.85	31.71 2.34 -2.51	31.21 2.28 -2.49	31.83 2.59 -0.12	32.59 2.80 0.00	35.46 2.87 0.00	38.88 3.06 -0.67	44.86 3.24 -0.15	48.88 1.88 0.00	53.14 1.88 -1.77	59.04 2.23 -3.76	59.29 2.39 0.01	67.99 2.60 -0.39	93.01 4.59 0.01	110.22 6.02 -0.34	113.51 6.07 -0.84	103.20 4.61 -0.61	83.96 2.85 -1.72	58.78 1.59 -0.29	50.66 1.28 -0.03	46.20 2.07 -0.01	42.62 2.50 -3.79
CALPINE_BP_GT1 23823	46.04 2.65 -9.84	39.97 2.55 -7.45	36.25 2.41 -4.85	31.71 2.34 -2.51	31.21 2.28 -2.49	31.83 2.59 -0.12	32.59 2.80 0.00	35.46 2.87 0.00	38.88 3.06 -0.67	44.86 3.24 -0.15	48.88 1.88 0.00	53.14 1.88 -1.77	59.04 2.23 -3.76	59.29 2.39 0.01	67.99 2.60 -0.39	93.01 4.59 0.01	110.22 6.02 -0.34	113.51 6.07 -0.84	103.20 4.61 -0.61	83.96 2.85 -1.72	58.78 1.59 -0.29	50.66 1.28 -0.03	46.20 2.07 -0.01	42.62 2.50 -3.79
CALSPAN___DRP 24200	34.93 1.38 0.00	31.01 0.90 -0.13	29.72 0.64 -0.09	27.69 0.43 -0.39	26.89 0.05 -0.39	29.50 0.38 0.00	30.30 0.51 0.00	32.56 -0.03 0.00	34.97 -0.18 0.00	41.35 -0.12 0.00	47.61 0.61 0.00	50.68 1.19 0.00	54.65 1.59 0.00	58.50 1.59 0.00	67.33 2.34 0.00	90.01 1.59 0.00	105.21 1.35 0.00	107.56 0.96 -0.01	99.17 1.18 0.00	80.73 1.35 0.00	59.29 2.39 0.00	51.47 2.12 0.00	44.86 0.75 0.00	38.03 1.71 0.00
CALVERTON___SOLAR 323806	46.88 3.49 -9.83	40.81 3.39 -7.45	37.06 3.22 -4.85	32.25 2.88 -2.51	31.74 2.80 -2.49	32.44 3.20 -0.12	33.27 3.48 0.00	36.21 3.62 0.00	39.54 3.72 -0.67	45.69 4.07 -0.15	49.68 2.68 0.00	55.87 2.28 -4.10	64.87 3.13 -8.68	59.98 3.07 0.00	68.90 3.51 -0.40	94.44 6.02 0.00	137.30 7.48 -25.95	174.35 7.57 -60.19	150.63 6.08 -46.56	125.34 4.28 -41.67	82.32 2.73 -22.70	54.28 2.22 -2.71	47.82 3.04 -0.67	43.75 3.63 -3.80
CANDIGU_WT_PWR 323617	34.53 0.97 0.00	30.94 0.78 -0.18	29.70 0.58 -0.12	27.81 0.40 -0.54	27.10 0.13 -0.52	29.30 0.18 0.00	30.27 0.48 0.00	32.69 0.10 0.00	35.18 0.07 0.03	41.72 0.25 0.00	47.81 0.80 -0.02	50.67 1.19 0.00	54.73 1.59 -0.09	58.81 1.77 -0.14	67.48 2.27 -0.21	91.49 2.12 -0.95	107.20 2.18 -1.15	109.87 2.02 -1.25	101.17 2.15 -1.03	81.93 1.99 -0.56	59.33 2.39 -0.04	51.33 1.98 0.00	45.00 0.88 0.00	37.81 1.49 0.00
CARR STREET_E__SYR 24060	33.36 -0.20 0.00	29.71 -0.27 0.00	28.65 -0.35 0.00	26.58 -0.29 0.00	26.30 -0.29 -0.14	28.80 -0.32 0.00	29.43 -0.36 0.00	32.16 -0.42 0.00	34.73 -0.42 0.00	41.10 -0.37 0.00	46.90 -0.14 -0.04	49.49 0.00 0.00	53.55 0.27 -0.23	57.63 0.34 -0.38	66.02 0.46 -0.56	91.41 0.44 -2.55	107.25 0.31 -3.08	110.03 0.11 -3.33	100.85 0.10 -2.76	80.97 0.08 -1.51	57.30 0.29 -0.11	49.50 0.15 0.00	43.94 -0.18 0.00	36.36 0.04 0.00
CARTHAGE___PAPER 23857	33.89 0.34 0.00	29.80 -0.18 0.00	28.74 -0.26 0.00	26.60 -0.27 0.00	26.21 -0.32 -0.07	28.71 -0.41 0.00	29.52 -0.27 0.00	32.29 -0.29 0.00	34.80 -0.35 0.00	41.68 0.21 -0.06	47.34 0.28 -0.06	50.03 0.55 0.00	53.79 0.42 -0.31	58.11 0.69 -0.52	66.81 1.04 -0.78	92.99 1.06 -3.51	109.66 1.56 -4.24	112.56 1.38 -4.58	104.34 2.54 -3.80	83.84 2.38 -2.08	59.04 1.99 -0.16	50.83 1.48 0.00	45.17 1.06 0.00	37.12 0.80 0.00

CASSADAGA_WT_PWR 323784	35.30 1.74 0.00	31.65 1.53 -0.14	30.28 1.19 -0.09	28.04 0.75 -0.42	27.05 0.19 -0.41	29.38 0.26 0.00	30.54 0.75 0.00	33.08 0.49 0.00	35.85 0.70 0.00	42.55 1.08 0.00	49.26 2.26 0.00	52.11 2.62 0.00	56.24 3.18 0.00	60.38 3.47 0.00	69.35 4.36 0.00	92.66 4.24 0.00	108.33 4.46 0.00	110.76 4.15 -0.01	102.01 4.02 0.00	83.19 3.81 0.00	61.00 4.10 0.00	53.05 3.70 0.00	46.14 2.03 0.00	38.97 2.65 0.00
CE_DUNWOOD___DRP 24194	35.34 1.78 0.00	32.63 1.80 -0.86	31.30 1.74 -0.56	31.01 1.64 -2.50	30.54 1.61 -2.48	30.95 1.83 0.00	31.73 1.94 0.00	34.71 2.12 0.00	38.08 2.28 -0.65	43.90 2.41 -0.02	49.16 2.16 0.00	51.62 2.13 0.00	55.44 2.39 0.00	59.47 2.56 0.00	68.19 2.79 -0.40	93.28 4.86 0.00	110.09 6.23 0.00	113.05 6.40 -0.05	102.89 4.90 0.00	83.91 3.33 -1.19	58.77 1.88 0.00	50.93 1.58 0.00	46.01 1.90 0.00	37.99 1.67 0.00
CE_MILLWOOD___DRP 24193	35.27 1.71 0.00	32.57 1.74 -0.85	31.24 1.68 -0.56	30.94 1.59 -2.48	30.45 1.53 -2.47	30.87 1.75 0.00	31.64 1.85 0.00	34.61 2.02 0.00	37.92 2.14 -0.63	43.77 2.28 -0.02	49.02 2.02 0.00	51.52 2.03 0.00	55.34 2.28 0.00	59.35 2.45 0.00	68.05 2.66 -0.39	93.02 4.60 0.00	109.78 5.92 0.00	112.73 6.08 -0.05	102.69 4.70 0.00	83.74 3.18 -1.19	58.72 1.82 0.00	50.88 1.53 0.00	45.88 1.76 0.00	37.88 1.56 0.00
CE_NYC2_DRP 24202	35.64 2.08 0.00	32.87 2.04 -0.86	31.50 1.94 -0.56	31.20 1.83 -2.50	30.74 1.80 -2.49	31.10 1.98 0.00	31.93 2.14 0.00	35.00 2.41 0.00	38.38 2.57 -0.67	44.06 2.57 -0.02	49.07 2.07 0.00	51.52 2.03 0.00	55.18 2.12 0.00	55.37 2.33 3.86	58.06 2.47 9.41	93.11 4.69 0.00	109.89 6.02 0.00	112.72 6.08 -0.05	82.41 4.51 20.09	57.71 2.86 24.53	50.58 1.42 7.74	47.55 1.23 3.03	45.83 1.72 0.00	38.03 1.71 0.00
CE_NYC_DRP 24195	35.50 1.95 0.00	32.78 1.95 -0.86	31.39 1.83 -0.56	31.09 1.72 -2.50	30.63 1.69 -2.49	31.04 1.92 0.00	31.88 2.09 0.00	34.93 2.35 0.00	38.35 2.53 -0.67	44.15 2.65 -0.02	49.35 2.35 0.00	51.77 2.28 0.00	55.60 2.55 0.00	59.64 2.73 0.00	68.45 3.05 -0.40	93.81 5.39 0.00	110.72 6.85 0.00	113.58 6.93 -0.05	103.28 5.29 0.00	83.99 3.41 -1.19	58.77 1.88 0.00	50.93 1.58 0.00	46.10 1.99 0.00	38.07 1.74 0.00
CHAFFEE___LFGE 323603	34.60 1.04 0.00	30.99 0.87 -0.14	29.70 0.61 -0.09	27.66 0.38 -0.41	26.75 -0.11 -0.40	29.06 -0.06 0.00	30.18 0.39 0.00	32.52 -0.07 0.00	35.08 -0.07 0.00	41.52 0.04 0.00	47.85 0.85 0.00	50.93 1.44 0.00	54.91 1.86 0.00	58.90 1.99 0.00	67.72 2.73 0.00	90.63 2.21 0.00	105.83 1.97 0.00	108.21 1.60 -0.01	99.76 1.77 0.00	81.21 1.83 0.00	59.52 2.62 0.00	51.67 2.32 0.00	45.00 0.88 0.00	38.10 1.78 0.00
CHATEAUG_35_KV_LOAD 355732	33.22 -0.34 0.00	29.59 -0.39 0.00	28.53 -0.46 0.00	26.41 -0.46 0.00	26.11 -0.34 0.00	28.71 -0.41 0.00	29.46 -0.33 0.00	32.43 -0.16 0.00	35.15 0.00 0.00	41.43 -0.04 0.00	47.00 0.00 0.00	48.80 -0.69 0.00	51.83 -1.22 0.00	55.43 -1.48 0.00	63.56 -1.43 0.00	85.94 -2.48 0.00	101.16 -2.70 0.00	103.50 -3.09 0.00	96.03 -1.96 0.00	77.95 -1.43 0.00	55.59 -1.31 0.00	48.66 -0.69 0.00	43.94 -0.18 0.00	35.85 -0.47 0.00
CHATEAUG_WT_PWR 323614	33.22 -0.34 0.00	29.62 -0.36 0.00	28.53 -0.47 0.00	26.44 -0.43 0.00	26.11 -0.34 0.00	28.74 -0.38 0.00	29.49 -0.30 0.00	32.43 -0.16 0.00	35.18 0.04 0.00	41.47 0.00 0.00	47.05 0.05 0.00	48.70 -0.79 0.00	51.67 -1.38 0.00	55.20 -1.71 0.00	63.24 -1.75 0.00	85.59 -2.83 0.00	100.54 -3.33 0.00	102.97 -3.62 0.00	95.54 -2.45 0.00	77.40 -1.98 0.00	55.19 -1.71 0.00	48.51 -0.84 0.00	43.94 -0.18 0.00	35.85 -0.47 0.00
CHAT_HIGH_FALL_HYD 323578	33.22 -0.34 0.00	29.62 -0.36 0.00	28.53 -0.47 0.00	26.44 -0.43 0.00	26.11 -0.34 0.00	28.74 -0.38 0.00	29.46 -0.33 0.00	32.43 -0.16 0.00	35.15 0.00 0.00	41.43 -0.04 0.00	47.00 0.00 0.00	48.80 -0.69 0.00	51.84 -1.22 0.00	55.42 -1.48 0.00	63.56 -1.43 0.00	85.94 -2.48 0.00	101.16 -2.70 0.00	103.50 -3.09 0.00	96.03 -1.96 0.00	77.95 -1.43 0.00	55.59 -1.31 0.00	48.66 -0.69 0.00	43.94 -0.18 0.00	35.85 -0.47 0.00
CHAUTAUQUA___LFGE 323629	35.03 1.47 0.00	31.38 1.26 -0.14	30.04 0.96 -0.09	27.92 0.64 -0.41	27.06 0.21 -0.40	29.41 0.29 0.00	30.48 0.69 0.00	32.91 0.33 0.00	35.57 0.42 0.00	42.14 0.66 0.00	48.60 1.60 0.00	51.62 2.13 0.00	55.65 2.60 0.00	59.69 2.79 0.00	68.63 3.64 0.00	91.69 3.27 0.00	107.29 3.42 0.00	109.70 3.09 -0.01	101.12 3.13 0.00	82.40 3.02 0.00	60.43 3.53 0.00	52.51 3.16 0.00	45.70 1.59 0.00	38.65 2.33 0.00
CHERRYST_13_KV_LD 356241	35.61 2.05 0.00	32.87 2.04 -0.86	31.47 1.91 -0.56	31.20 1.83 -2.50	30.71 1.77 -2.49	31.16 2.04 0.00	31.99 2.20 0.00	35.07 2.48 0.00	38.52 2.71 -0.67	44.40 2.90 -0.02	49.59 2.59 0.00	52.06 2.57 0.00	55.92 2.86 0.00	60.04 3.13 0.00	68.84 3.44 -0.40	94.34 5.92 0.00	111.45 7.58 0.00	114.22 7.57 -0.05	103.77 5.78 0.00	84.39 3.81 -1.19	59.00 2.11 0.00	51.13 1.78 0.00	46.28 2.16 0.00	38.21 1.89 0.00
CHESTROR_138KV_BK263 355645	34.93 1.38 0.00	32.13 1.38 -0.78	30.87 1.36 -0.51	30.43 1.29 -2.27	29.95 1.24 -2.26	30.55 1.43 0.00	31.28 1.49 0.00	34.12 1.53 0.00	35.73 1.62 1.04	43.10 1.66 0.03	48.46 1.46 0.00	50.92 1.44 0.00	54.75 1.70 0.00	58.73 1.82 0.00	66.94 1.95 0.00	91.96 3.54 0.00	108.43 4.57 0.00	111.44 4.80 -0.05	101.62 3.63 0.00	82.92 2.46 -1.08	58.32 1.42 0.00	50.54 1.18 0.00	45.53 1.41 0.00	37.59 1.27 0.00
CH_MIDHUDSON___DRP 24192	35.34 1.78 0.00	32.63 1.77 -0.89	31.32 1.74 -0.58	31.10 1.64 -2.59	30.59 1.59 -2.55	30.93 1.81 0.00	31.67 1.88 0.00	34.58 1.99 0.00	37.70 2.07 -0.47	43.69 2.20 -0.01	49.07 2.07 0.00	51.62 2.13 0.00	55.50 2.44 0.00	59.52 2.62 0.00	67.85 2.86 0.00	93.28 4.86 0.00	109.78 5.92 0.00	112.94 6.29 -0.05	102.99 5.00 0.00	84.17 3.49 -1.30	59.00 2.11 0.00	51.13 1.78 0.00	46.05 1.94 0.00	38.07 1.74 0.00
CH_MISC_IPPS 23765	35.57 2.01 0.00	32.76 1.92 -0.87	31.42 1.86 -0.57	31.12 1.72 -2.53	30.61 1.67 -2.50	30.99 1.87 0.00	31.79 2.00 0.00	34.71 2.12 0.00	37.54 2.18 -0.21	43.80 2.32 -0.01	49.26 2.26 0.00	51.82 2.33 0.00	55.81 2.76 0.00	59.81 2.90 0.00	68.24 3.25 0.00	93.99 5.57 0.00	110.72 6.85 0.00	113.79 7.14 -0.05	103.77 5.78 0.00	84.68 4.05 -1.25	59.46 2.56 0.00	51.47 2.12 0.00	46.32 2.20 0.00	38.28 1.96 0.00
CH_RES_BVR_FALLS 23983	33.22 -0.34 0.00	29.68 -0.30 0.00	28.68 -0.32 0.00	26.58 -0.29 0.00	26.19 -0.26 0.00	28.80 -0.32 0.00	29.46 -0.33 0.00	32.29 -0.29 0.00	34.90 -0.24 0.00	41.19 -0.29 0.00	46.67 -0.33 0.00	49.09 -0.40 0.00	52.52 -0.53 0.00	56.34 -0.57 0.00	64.41 -0.59 0.00	87.45 -0.97 0.00	102.72 -1.14 0.00	105.32 -1.27 0.00	97.11 -0.88 0.00	78.67 -0.72 0.00	56.33 -0.57 0.00	48.86 -0.49 0.00	43.63 -0.48 0.00	35.78 -0.54 0.00

CH_RES_NIAGARA 23895	33.39 -0.17 0.00	30.22 0.12 -0.12	28.96 -0.12 -0.08	26.96 -0.27 -0.36	26.49 -0.32 -0.36	28.71 -0.41 0.00	29.28 -0.51 0.00	31.22 -1.37 0.00	33.64 -1.51 0.00	39.65 -1.82 0.00	45.54 -1.46 0.00	48.50 -0.99 0.00	52.20 -0.85 0.00	55.88 -1.02 0.00	64.22 -0.78 0.00	85.77 -2.65 0.00	100.13 -3.73 0.00	102.23 -4.38 -0.01	94.37 -3.62 0.00	77.08 -2.30 0.00	56.78 -0.11 0.00	49.40 0.05 0.00	43.14 -0.97 0.00	36.72 0.40 0.00
CH_RES_SYRACUSE 23985	33.73 0.17 0.00	30.01 0.03 0.00	28.94 -0.06 0.00	26.79 -0.08 0.00	26.56 -0.05 -0.16	29.06 -0.06 0.00	29.73 -0.06 0.00	32.49 -0.10 0.00	35.04 -0.11 0.00	41.35 -0.12 0.00	47.22 0.14 -0.08	49.79 0.30 0.00	54.01 0.53 -0.43	58.24 0.63 -0.71	66.83 0.78 -1.05	94.16 0.97 -4.76	110.44 0.83 -5.75	113.46 0.64 -6.22	103.74 0.59 -5.16	82.69 0.48 -2.82	57.68 0.57 -0.21	49.79 0.44 0.00	44.20 0.09 0.00	36.69 0.36 0.00
CLINTON_WT_PWR 323605	33.22 -0.34 0.00	29.62 -0.36 0.00	28.53 -0.47 0.00	26.44 -0.43 0.00	26.11 -0.34 0.00	28.74 -0.38 0.00	29.49 -0.30 0.00	32.43 -0.16 0.00	35.18 0.04 0.00	41.47 0.00 0.00	47.05 0.05 0.00	48.70 -0.79 0.00	51.67 -1.38 0.00	55.20 -1.71 0.00	63.24 -1.75 0.00	85.59 -2.83 0.00	100.54 -3.33 0.00	102.97 -3.62 0.00	95.54 -2.45 0.00	77.40 -1.98 0.00	55.19 -1.71 0.00	48.51 -0.84 0.00	43.94 -0.18 0.00	35.85 -0.47 0.00
CLINTON___LFGE 323618	33.59 0.03 0.00	29.95 -0.03 0.00	28.80 -0.20 0.00	26.68 -0.19 0.00	26.37 -0.08 0.00	29.03 -0.09 0.00	29.79 0.00 0.00	32.79 0.20 0.00	35.57 0.42 0.00	41.93 0.46 0.00	47.52 0.52 0.00	48.95 -0.54 0.00	51.67 -1.38 0.00	55.08 -1.82 0.00	63.24 -1.75 0.00	85.41 -3.01 0.00	100.33 -3.53 0.00	102.55 -4.05 0.00	95.54 -2.45 0.00	77.56 -1.82 0.00	55.19 -1.71 0.00	48.76 -0.59 0.00	44.42 0.31 0.00	36.21 -0.11 0.00
COBBLENY_34_KV_TB1 80064	35.00 1.44 0.00	31.05 0.93 -0.14	29.76 0.67 -0.09	27.74 0.46 -0.41	26.88 0.03 -0.40	29.56 0.44 0.00	30.36 0.57 0.00	32.65 0.07 0.00	35.08 -0.07 0.00	41.52 0.04 0.00	47.85 0.85 0.00	50.92 1.44 0.00	54.91 1.86 0.00	58.84 1.93 0.00	67.72 2.73 0.00	90.63 2.21 0.00	105.84 1.97 0.00	108.20 1.60 -0.01	99.75 1.76 0.00	81.13 1.75 0.00	59.51 2.62 0.00	51.67 2.32 0.00	45.00 0.88 0.00	38.10 1.78 0.00
COFFEEN___115KV_TB3 355620	34.33 0.77 0.00	30.04 0.06 0.00	28.88 -0.12 0.00	26.82 -0.05 0.00	26.40 -0.13 -0.08	29.00 -0.12 0.00	29.85 0.06 0.00	32.59 0.00 0.00	35.08 -0.07 0.00	42.18 0.71 0.00	48.01 0.94 -0.07	50.87 1.39 0.00	54.81 1.38 -0.38	59.18 1.65 -0.62	68.26 2.34 -0.93	95.44 2.83 -4.19	112.46 3.53 -5.07	115.59 3.52 -5.48	107.24 4.70 -4.54	86.00 4.13 -2.49	60.50 3.41 -0.19	51.97 2.62 0.00	45.97 1.85 0.00	37.81 1.49 0.00
COLDSPRG_115KV_BK1 355956	35.57 2.01 0.00	31.60 1.47 -0.15	30.26 1.16 -0.10	28.17 0.86 -0.44	26.93 0.05 -0.43	30.02 0.90 0.00	30.83 1.04 0.00	33.34 0.75 0.00	35.71 0.56 0.00	42.35 0.87 0.00	48.88 1.88 0.00	51.72 2.23 0.00	55.81 2.76 0.00	59.86 2.96 0.00	68.83 3.83 0.00	92.05 3.63 0.00	107.71 3.84 0.00	110.12 3.52 -0.01	101.42 3.43 0.00	82.64 3.25 0.00	60.54 3.64 0.00	52.61 3.26 0.00	45.75 1.63 0.00	38.61 2.29 0.00
COLONIE_LFGE___ 323577	35.37 1.81 0.00	34.15 1.74 -2.43	32.33 1.74 -1.59	35.58 1.61 -7.10	32.53 1.56 -4.52	30.81 1.69 0.00	31.55 1.76 0.00	34.31 1.73 0.00	37.44 1.86 -0.43	43.64 2.16 -0.01	49.21 2.21 0.00	51.86 2.38 0.00	55.57 2.49 -0.02	59.60 2.68 -0.02	74.66 2.99 -6.68	92.77 4.33 -0.02	109.16 5.29 0.00	112.33 5.54 -0.20	102.71 4.70 -0.02	97.08 3.81 -13.89	59.52 2.62 0.00	51.67 2.32 0.00	46.36 2.25 0.00	38.25 1.92 0.00
COOPERNY_115KV_TB1 80082	34.57 1.01 0.00	31.58 1.02 -0.59	30.40 1.01 -0.38	29.55 0.97 -1.71	29.07 0.93 -1.69	30.17 1.05 0.00	30.89 1.10 0.00	33.70 1.11 0.00	35.68 1.16 0.62	42.74 1.29 0.02	48.13 1.13 0.00	50.63 1.14 0.00	54.38 1.33 0.00	58.27 1.37 0.00	66.42 1.43 0.00	91.07 2.65 0.00	107.29 3.43 0.00	110.04 3.41 -0.04	100.73 2.74 0.00	82.12 1.91 -0.84	58.03 1.14 0.00	50.34 0.99 0.00	45.22 1.10 0.00	37.30 0.98 0.00
COPENHAGEN_WT_PWR 323753	33.99 0.44 0.00	29.86 -0.12 0.00	28.80 -0.20 0.00	26.68 -0.19 0.00	26.33 -0.21 -0.09	28.83 -0.29 0.00	29.61 -0.18 0.00	32.36 -0.23 0.00	34.87 -0.28 0.00	41.77 0.29 0.00	47.49 0.42 -0.07	50.28 0.79 0.00	54.24 0.80 -0.39	58.58 1.03 -0.65	67.46 1.50 -0.97	94.47 1.68 -4.38	111.23 2.08 -5.29	114.44 2.13 -5.72	105.96 3.23 -4.74	84.83 2.85 -2.60	59.48 2.39 -0.19	51.12 1.77 0.00	45.31 1.19 0.00	37.30 0.98 0.00
CORNELL___ 23752	34.73 1.17 0.00	31.01 0.84 -0.19	29.82 0.70 -0.13	28.05 0.62 -0.57	27.53 0.56 -0.53	29.85 0.73 0.00	30.56 0.77 0.00	33.31 0.72 0.00	35.82 0.70 0.03	42.55 1.08 0.00	48.55 1.50 -0.04	51.22 1.73 0.00	55.41 2.12 -0.23	59.68 2.39 -0.38	68.43 2.86 -0.57	94.72 3.71 -2.58	111.45 4.47 -3.12	114.67 4.69 -3.39	105.39 4.61 -2.80	84.72 3.81 -1.53	60.08 3.07 -0.11	51.82 2.47 0.00	45.79 1.68 0.00	37.92 1.60 0.00
CORONA_AAV_69_KV_TB1 355595	46.15 2.75 -9.83	40.06 2.64 -7.45	36.34 2.49 -4.85	31.69 2.31 -2.51	31.19 2.25 -2.49	31.77 2.53 -0.12	32.32 2.53 0.00	35.42 2.84 0.00	38.81 2.99 -0.67	44.78 3.15 -0.15	49.12 2.12 0.00	51.61 2.13 0.01	55.44 2.39 0.01	59.57 2.67 0.01	68.25 2.86 -0.39	93.45 5.04 0.01	110.30 6.44 0.01	113.25 6.61 -0.05	103.08 5.10 0.01	83.90 3.33 -1.19	58.77 1.88 0.01	50.92 1.58 0.01	46.41 2.29 0.00	42.69 2.58 -3.79
CORTLAND_115KV_TB3 80093	34.33 0.77 0.00	30.63 0.51 -0.15	29.50 0.41 -0.10	27.68 0.38 -0.43	27.19 0.32 -0.42	29.56 0.44 0.00	30.27 0.48 0.00	33.01 0.42 0.00	35.61 0.46 0.00	42.22 0.75 0.00	48.17 1.13 -0.04	50.78 1.29 0.00	54.89 1.59 -0.24	59.12 1.82 -0.40	67.73 2.14 -0.59	93.83 2.74 -2.67	110.20 3.12 -3.23	113.29 3.20 -3.50	103.92 3.04 -2.89	83.51 2.54 -1.58	59.12 2.11 -0.12	51.03 1.68 0.00	45.22 1.10 0.00	37.41 1.09 0.00
COXSACKIE___GT 23611	36.41 2.85 0.00	33.90 2.43 -1.49	32.32 2.35 -0.98	33.35 2.12 -4.36	31.93 2.04 -3.44	31.36 2.24 0.00	32.26 2.47 0.00	35.06 2.48 0.00	38.02 2.53 -0.34	43.93 2.45 -0.01	49.82 2.82 0.00	52.75 3.27 0.00	56.17 3.13 0.02	60.19 3.30 0.02	62.20 4.22 7.01	94.42 6.02 0.02	110.72 6.85 0.00	114.95 8.32 -0.04	105.12 7.15 0.02	90.75 5.55 -5.81	61.05 4.15 0.00	52.86 3.50 0.00	47.82 3.71 0.00	39.48 3.16 0.00
CPV_VALLEY___CC1 323721	34.70 1.14 0.00	31.82 1.14 -0.71	30.59 1.13 -0.46	30.01 1.08 -2.07	29.54 1.03 -2.05	30.29 1.17 0.00	31.07 1.28 0.00	33.89 1.30 0.00	35.45 1.34 1.03	42.81 1.37 0.03	48.18 1.18 0.00	50.63 1.14 0.00	54.38 1.33 0.00	58.27 1.36 0.00	66.49 1.50 0.00	91.25 2.83 0.00	107.50 3.63 0.00	110.47 3.83 -0.04	100.83 2.84 0.00	82.18 1.83 -0.97	57.92 1.03 0.00	50.19 0.84 0.00	45.22 1.10 0.00	37.30 0.98 0.00

CPV_VALLEY___CC2 323722	34.70 1.14 0.00	31.82 1.14 -0.71	30.59 1.13 -0.46	30.01 1.08 -2.07	29.54 1.03 -2.05	30.29 1.17 0.00	31.07 1.28 0.00	33.89 1.30 0.00	35.45 1.34 1.03	42.81 1.37 0.03	48.18 1.18 0.00	50.63 1.14 0.00	54.38 1.33 0.00	58.27 1.36 0.00	66.49 1.50 0.00	91.25 2.83 0.00	107.50 3.63 0.00	110.47 3.83 -0.04	100.83 2.84 0.00	82.18 1.83 -0.97	57.92 1.03 0.00	50.19 0.84 0.00	45.22 1.10 0.00	37.30 0.98 0.00
CRESCENT___HYD 24018	35.37 1.81 0.00	34.15 1.74 -2.43	32.33 1.74 -1.59	35.58 1.61 -7.10	32.53 1.56 -4.52	30.81 1.69 0.00	31.55 1.76 0.00	34.31 1.73 0.00	37.44 1.86 -0.43	43.64 2.16 -0.01	49.21 2.21 0.00	51.86 2.38 0.00	55.57 2.49 -0.02	59.60 2.68 -0.02	74.66 2.99 -6.68	92.77 4.33 -0.02	109.16 5.29 0.00	112.33 5.54 -0.20	102.71 4.70 -0.02	97.08 3.81 -13.89	59.52 2.62 0.00	51.67 2.32 0.00	46.36 2.25 0.00	38.25 1.92 0.00
CRICKET___VALLEY_CC1 323756	35.07 1.51 0.00	32.48 1.56 -0.94	31.18 1.56 -0.62	31.10 1.48 -2.75	30.56 1.43 -2.68	30.75 1.63 0.00	31.52 1.73 0.00	34.31 1.73 0.00	37.65 1.79 -0.71	43.32 1.82 -0.02	48.64 1.64 0.00	51.07 1.58 0.00	54.80 1.75 0.00	58.78 1.88 0.00	67.85 2.02 -0.84	91.87 3.44 0.00	108.22 4.36 0.00	111.46 4.80 -0.06	101.62 3.63 0.00	83.38 2.46 -1.54	58.37 1.48 0.00	50.59 1.23 0.00	45.61 1.50 0.00	37.70 1.38 0.00
CRICKET___VALLEY_CC2 323757	35.07 1.51 0.00	32.48 1.56 -0.94	31.18 1.56 -0.62	31.10 1.48 -2.75	30.56 1.43 -2.68	30.75 1.63 0.00	31.52 1.73 0.00	34.31 1.73 0.00	37.65 1.79 -0.71	43.32 1.82 -0.02	48.64 1.64 0.00	51.07 1.58 0.00	54.80 1.75 0.00	58.78 1.88 0.00	67.85 2.02 -0.84	91.87 3.44 0.00	108.22 4.36 0.00	111.46 4.80 -0.06	101.62 3.63 0.00	83.38 2.46 -1.54	58.37 1.48 0.00	50.59 1.23 0.00	45.61 1.50 0.00	37.70 1.38 0.00
CRICKET___VALLEY_CC3 323758	35.07 1.51 0.00	32.48 1.56 -0.94	31.18 1.56 -0.62	31.10 1.48 -2.75	30.56 1.43 -2.68	30.75 1.63 0.00	31.52 1.73 0.00	34.31 1.73 0.00	37.65 1.79 -0.71	43.32 1.82 -0.02	48.64 1.64 0.00	51.07 1.58 0.00	54.80 1.75 0.00	58.78 1.88 0.00	67.85 2.02 -0.84	91.87 3.44 0.00	108.22 4.36 0.00	111.46 4.80 -0.06	101.62 3.63 0.00	83.38 2.46 -1.54	58.37 1.48 0.00	50.59 1.23 0.00	45.61 1.50 0.00	37.70 1.38 0.00
CRUCIBLE_METL_DRP 24180	33.76 0.20 0.00	30.01 0.03 0.00	28.94 -0.06 0.00	26.82 -0.05 0.00	26.53 -0.08 -0.16	29.09 -0.03 0.00	29.76 -0.03 0.00	32.49 -0.10 0.00	35.04 -0.11 0.00	41.35 -0.12 0.00	47.22 0.14 -0.08	49.79 0.30 0.00	54.01 0.53 -0.43	58.24 0.63 -0.71	66.83 0.78 -1.05	94.15 0.97 -4.76	110.45 0.83 -5.75	113.46 0.64 -6.22	103.74 0.59 -5.16	82.68 0.48 -2.82	57.68 0.57 -0.21	49.79 0.44 0.00	44.20 0.09 0.00	36.69 0.36 0.00
DAHOWA___HYDRO 323763	36.14 2.58 0.00	35.06 2.40 -2.69	33.08 2.32 -1.76	36.84 2.12 -7.85	33.32 2.06 -4.81	31.30 2.19 0.00	32.05 2.26 0.00	34.94 2.35 0.00	38.13 2.56 -0.42	44.60 3.11 -0.01	50.29 3.29 0.00	53.25 3.76 0.00	57.10 4.03 -0.01	61.30 4.38 -0.01	74.23 4.81 -4.43	95.15 6.72 -0.01	112.18 8.31 0.00	115.11 8.32 -0.19	105.74 7.74 -0.01	102.08 6.51 -16.19	61.62 4.72 0.00	53.60 4.24 0.00	47.82 3.71 0.00	39.30 2.98 0.00
DANC___LFGE 323619	33.69 0.13 0.00	29.74 -0.24 0.00	28.68 -0.32 0.00	26.58 -0.29 0.00	26.26 -0.29 -0.10	28.77 -0.35 0.00	29.49 -0.30 0.00	32.23 -0.36 0.00	34.69 -0.46 0.00	41.35 -0.12 0.00	47.14 0.05 -0.09	49.79 0.30 0.00	53.91 0.37 -0.48	58.21 0.51 -0.80	67.03 0.84 -1.19	94.59 0.79 -5.38	111.19 0.83 -6.50	114.47 0.85 -7.02	105.38 1.56 -5.83	84.00 1.43 -3.19	58.45 1.31 -0.24	50.29 0.94 0.00	44.60 0.49 0.00	36.79 0.47 0.00
DANSKAMMER___1 23586	35.57 2.01 0.00	32.76 1.92 -0.87	31.42 1.86 -0.57	31.12 1.72 -2.53	30.61 1.67 -2.50	30.99 1.87 0.00	31.79 2.00 0.00	34.71 2.12 0.00	37.54 2.18 -0.21	43.80 2.32 -0.01	49.26 2.26 0.00	51.82 2.33 0.00	55.81 2.76 0.00	59.81 2.90 0.00	68.24 3.25 0.00	93.99 5.57 0.00	110.72 6.85 0.00	113.79 7.14 -0.05	103.77 5.78 0.00	84.68 4.05 -1.25	59.46 2.56 0.00	51.47 2.12 0.00	46.32 2.20 0.00	38.28 1.96 0.00
DANSKAMMER___2 23589	35.57 2.01 0.00	32.76 1.92 -0.87	31.42 1.86 -0.57	31.12 1.72 -2.53	30.61 1.67 -2.50	30.99 1.87 0.00	31.79 2.00 0.00	34.71 2.12 0.00	37.54 2.18 -0.21	43.80 2.32 -0.01	49.26 2.26 0.00	51.82 2.33 0.00	55.81 2.76 0.00	59.81 2.90 0.00	68.24 3.25 0.00	93.99 5.57 0.00	110.72 6.85 0.00	113.79 7.14 -0.05	103.77 5.78 0.00	84.68 4.05 -1.25	59.46 2.56 0.00	51.47 2.12 0.00	46.32 2.20 0.00	38.28 1.96 0.00
DANSKAMMER___3 23590	35.57 2.01 0.00	32.76 1.92 -0.87	31.42 1.86 -0.57	31.12 1.72 -2.53	30.61 1.67 -2.50	30.99 1.87 0.00	31.79 2.00 0.00	34.71 2.12 0.00	37.54 2.18 -0.21	43.80 2.32 -0.01	49.26 2.26 0.00	51.82 2.33 0.00	55.81 2.76 0.00	59.81 2.90 0.00	68.24 3.25 0.00	93.99 5.57 0.00	110.72 6.85 0.00	113.79 7.14 -0.05	103.77 5.78 0.00	84.68 4.05 -1.25	59.46 2.56 0.00	51.47 2.12 0.00	46.32 2.20 0.00	38.28 1.96 0.00
DANSKAMMER___4 23591	35.57 2.01 0.00	32.76 1.92 -0.87	31.42 1.86 -0.57	31.12 1.72 -2.53	30.61 1.67 -2.50	30.99 1.87 0.00	31.79 2.00 0.00	34.71 2.12 0.00	37.54 2.18 -0.21	43.80 2.32 -0.01	49.26 2.26 0.00	51.82 2.33 0.00	55.81 2.76 0.00	59.81 2.90 0.00	68.24 3.25 0.00	93.99 5.57 0.00	110.72 6.85 0.00	113.79 7.14 -0.05	103.77 5.78 0.00	84.68 4.05 -1.25	59.46 2.56 0.00	51.47 2.12 0.00	46.32 2.20 0.00	38.28 1.96 0.00
DANSKAMMER___DIESEL 23592	35.54 1.98 0.00	32.76 1.92 -0.87	31.42 1.86 -0.57	31.12 1.72 -2.53	30.61 1.67 -2.50	31.01 1.89 0.00	31.79 2.00 0.00	34.67 2.09 0.00	37.54 2.18 -0.21	43.80 2.32 -0.01	49.26 2.26 0.00	51.81 2.33 0.00	55.81 2.76 0.00	59.81 2.90 0.00	68.24 3.25 0.00	93.99 5.57 0.00	110.72 6.85 0.00	113.79 7.14 -0.05	103.77 5.78 0.00	84.77 4.13 -1.26	59.46 2.56 0.00	51.47 2.12 0.00	46.32 2.21 0.00	38.28 1.96 0.00
DARBY___SOLAR 323810	36.01 2.45 0.00	34.91 2.28 -2.66	32.97 2.23 -1.74	36.67 2.04 -7.76	33.21 1.98 -4.77	31.24 2.12 0.00	31.96 2.17 0.00	34.84 2.25 0.00	38.03 2.46 -0.42	44.47 2.99 -0.01	50.15 3.15 0.00	53.05 3.57 0.00	56.89 3.82 -0.01	61.02 4.10 -0.01	74.33 4.62 -4.72	94.80 6.37 -0.01	111.75 7.89 0.00	114.68 7.89 -0.19	105.25 7.25 -0.01	101.33 6.03 -15.92	61.22 4.32 0.00	53.25 3.90 0.00	47.56 3.44 0.00	39.12 2.80 0.00
DASHVILLE___HYD 23610	34.80 1.24 0.00	32.09 1.11 -1.01	30.76 1.10 -0.66	30.86 1.05 -2.94	30.15 1.01 -2.69	30.49 1.37 0.00	31.19 1.40 0.00	33.92 1.34 0.00	37.10 1.79 -0.16	42.72 1.24 0.00	47.89 0.89 0.00	50.33 0.84 0.00	54.69 1.64 0.00	58.61 1.71 0.00	65.52 2.34 1.81	92.22 3.80 0.00	108.33 4.47 0.00	112.72 6.08 -0.05	102.00 4.02 0.00	83.57 1.83 -2.36	57.98 1.08 0.00	50.34 0.99 0.00	45.30 1.19 0.00	37.45 1.13 0.00

DEERFIELD_69_KV_DEERFIELD LD 355887	47.92 4.53 -9.83	41.74 4.32 -7.45	37.93 4.09 -4.85	33.06 3.68 -2.51	32.54 3.60 -2.49	33.29 4.05 -0.12	33.87 4.08 0.00	37.18 4.59 0.00	40.70 4.89 -0.67	47.22 5.60 -0.15	51.70 4.70 0.00	58.31 4.65 -4.17	66.91 5.04 -8.82	62.77 5.86 0.00	72.02 6.63 -0.40	98.59 10.17 0.00	142.25 12.36 -26.02	155.75 12.47 -36.68	155.17 10.48 -46.69	128.87 7.70 -41.79	75.78 5.06 -13.82	56.16 4.10 -2.72	49.16 4.63 -0.41	45.10 4.98 -3.80
DELAWARE___LFGE 323621	34.90 1.34 0.00	31.73 1.14 -0.62	30.56 1.16 -0.40	29.77 1.10 -1.80	28.68 1.03 -1.20	30.34 1.22 0.00	31.01 1.22 0.00	33.83 1.24 0.00	36.40 1.30 0.05	43.13 1.66 0.00	48.85 1.83 -0.01	51.42 1.93 0.00	55.26 2.12 -0.08	59.31 2.28 -0.13	67.66 2.47 -0.19	92.84 3.54 -0.88	109.19 4.26 -1.07	112.16 4.37 -1.19	102.96 4.02 -0.96	85.11 3.18 -2.55	59.33 2.39 -0.04	51.32 1.97 0.00	45.88 1.76 0.00	37.85 1.53 0.00
DERFIELD_115KV_TB7 355931	33.63 0.07 0.00	30.04 0.06 0.00	29.06 0.06 0.00	26.95 0.08 0.00	26.50 0.05 0.00	29.21 0.09 0.00	29.88 0.09 0.00	32.65 0.07 0.00	35.22 0.07 0.00	41.60 0.12 0.00	47.09 0.09 0.00	49.64 0.15 0.00	53.21 0.16 0.00	57.08 0.17 0.00	65.19 0.19 0.00	88.69 0.27 0.00	104.17 0.31 0.00	106.92 0.32 0.00	98.28 0.29 0.00	79.54 0.16 0.00	57.07 0.17 0.00	49.45 0.10 0.00	44.20 0.09 0.00	36.43 0.11 0.00
DOGLEVILLE___HYD 23807	33.56 0.00 0.00	29.86 -0.12 0.00	28.91 -0.09 0.00	26.79 -0.08 0.00	26.37 -0.08 0.00	29.03 -0.09 0.00	29.70 -0.09 0.00	32.49 -0.10 0.00	35.08 -0.07 0.00	41.80 0.33 0.00	47.42 0.42 0.00	49.93 0.44 0.00	53.53 0.48 0.00	57.53 0.63 0.00	65.58 0.58 0.00	89.12 0.70 0.00	104.80 0.93 0.00	106.60 0.00 0.00	97.99 0.00 0.00	79.14 -0.24 0.00	56.73 -0.17 0.00	49.20 -0.15 0.00	44.03 -0.09 0.00	36.29 -0.04 0.00
DUNKIRK___115KV_TB_200 55889	35.37 1.81 0.00	31.38 1.26 -0.14	30.08 0.99 -0.09	27.98 0.70 -0.41	27.17 0.32 -0.40	29.82 0.70 0.00	30.59 0.80 0.00	32.95 0.36 0.00	35.50 0.35 0.00	42.05 0.58 0.00	48.46 1.46 0.00	51.47 1.98 0.00	55.50 2.44 0.00	59.47 2.56 0.00	68.44 3.44 0.00	91.43 3.01 0.00	106.98 3.12 0.00	109.38 2.77 -0.01	100.83 2.84 0.00	82.08 2.70 0.00	60.25 3.36 0.00	52.36 3.01 0.00	45.57 1.46 0.00	38.54 2.22 0.00
DUNKIRK___1 23563	35.37 1.81 0.00	31.38 1.26 -0.14	30.08 0.99 -0.09	27.98 0.70 -0.41	27.17 0.32 -0.40	29.82 0.70 0.00	30.59 0.80 0.00	32.95 0.36 0.00	35.50 0.35 0.00	42.05 0.58 0.00	48.46 1.46 0.00	51.47 1.98 0.00	55.50 2.44 0.00	59.47 2.56 0.00	68.44 3.44 0.00	91.43 3.01 0.00	106.98 3.12 0.00	109.38 2.77 -0.01	100.83 2.84 0.00	82.08 2.70 0.00	60.25 3.36 0.00	52.36 3.01 0.00	45.57 1.46 0.00	38.54 2.22 0.00
DUNKIRK___2 23564	35.37 1.81 0.00	31.38 1.26 -0.14	30.08 0.99 -0.09	27.98 0.70 -0.41	27.17 0.32 -0.40	29.82 0.70 0.00	30.59 0.80 0.00	32.95 0.36 0.00	35.50 0.35 0.00	42.05 0.58 0.00	48.46 1.46 0.00	51.47 1.98 0.00	55.50 2.44 0.00	59.47 2.56 0.00	68.44 3.44 0.00	91.43 3.01 0.00	106.98 3.12 0.00	109.38 2.77 -0.01	100.83 2.84 0.00	82.08 2.70 0.00	60.25 3.36 0.00	52.36 3.01 0.00	45.57 1.46 0.00	38.54 2.22 0.00
DUNKIRK___3 23565	35.14 1.58 0.00	31.17 1.05 -0.14	29.87 0.78 -0.09	27.81 0.54 -0.41	27.01 0.16 -0.40	29.64 0.52 0.00	30.42 0.63 0.00	32.75 0.16 0.00	35.22 0.07 0.00	41.68 0.21 0.00	48.03 1.03 0.00	51.02 1.53 0.00	55.02 1.96 0.00	58.95 2.05 0.00	67.79 2.79 0.00	90.72 2.30 0.00	106.04 2.18 0.00	108.52 1.92 -0.01	100.05 2.06 0.00	81.45 2.06 0.00	59.74 2.84 0.00	51.87 2.52 0.00	45.22 1.10 0.00	38.25 1.93 0.00
DUNKIRK___4 23566	35.14 1.58 0.00	31.17 1.05 -0.14	29.87 0.78 -0.09	27.81 0.54 -0.41	27.01 0.16 -0.40	29.64 0.52 0.00	30.42 0.63 0.00	32.75 0.16 0.00	35.22 0.07 0.00	41.68 0.21 0.00	48.03 1.03 0.00	51.02 1.53 0.00	55.02 1.96 0.00	58.95 2.05 0.00	67.79 2.79 0.00	90.72 2.30 0.00	106.04 2.18 0.00	108.52 1.92 -0.01	100.05 2.06 0.00	81.45 2.06 0.00	59.74 2.84 0.00	51.87 2.52 0.00	45.22 1.10 0.00	38.25 1.93 0.00
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	35.44 1.88 0.00	32.72 1.89 -0.86	31.36 1.80 -0.56	31.07 1.69 -2.50	30.60 1.67 -2.49	31.01 1.89 0.00	31.82 2.03 0.00	34.80 2.22 0.00	38.21 2.39 -0.67	44.02 2.53 -0.02	49.26 2.26 0.00	51.72 2.23 0.00	55.55 2.49 0.00	59.58 2.67 0.00	68.32 2.92 -0.40	93.55 5.13 0.00	110.30 6.44 0.00	113.37 6.72 -0.05	103.18 5.19 0.00	84.07 3.49 -1.19	58.89 1.99 0.00	51.03 1.68 0.00	46.10 1.99 0.00	38.07 1.74 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	35.17 1.61 0.00	32.40 1.59 -0.83	31.08 1.54 -0.55	30.75 1.45 -2.43	30.25 1.40 -2.40	30.72 1.60 0.00	31.46 1.67 0.00	34.28 1.69 0.00	36.55 1.79 0.39	43.29 1.82 0.01	48.65 1.65 0.00	51.17 1.68 0.00	55.07 2.02 0.00	59.01 2.11 0.00	67.33 2.34 0.00	92.58 4.16 0.00	109.26 5.40 0.00	112.30 5.65 -0.05	102.40 4.41 0.00	83.61 3.02 -1.21	58.72 1.82 0.00	50.88 1.53 0.00	45.83 1.72 0.00	37.85 1.53 0.00
E179THST_138_KV_TB4_REV_LBMP_J 345001	35.75 2.18 -0.01	33.00 2.16 -0.87	31.60 2.03 -0.57	31.26 1.88 -2.50	30.79 1.85 -2.49	31.07 1.95 0.00	31.88 2.09 0.00	34.90 2.31 0.00	38.24 2.43 -0.67	43.94 2.45 -0.02	48.93 1.93 0.00	51.37 1.88 0.00	55.12 2.07 0.00	59.29 2.39 0.01	67.92 2.53 -0.39	93.20 4.77 -0.01	110.00 6.13 -0.01	112.73 6.08 -0.06	102.51 4.51 -0.01	83.52 2.94 -1.20	58.37 1.48 0.01	50.68 1.33 0.01	45.89 1.76 -0.01	38.15 1.82 -0.01
E179THST_13_KV_LOAD 356214	35.98 2.42 -0.01	33.18 2.34 -0.87	31.77 2.20 -0.57	31.42 2.04 -2.50	30.95 2.01 -2.49	31.25 2.13 0.00	32.05 2.26 0.00	35.13 2.54 0.00	38.45 2.64 -0.67	44.19 2.70 -0.02	49.26 2.26 0.00	51.77 2.28 0.00	55.50 2.44 0.00	59.74 2.85 0.01	68.44 3.05 -0.39	93.91 5.48 -0.01	110.93 7.06 -0.01	113.69 7.04 -0.06	103.39 5.39 -0.01	84.16 3.57 -1.20	58.82 1.93 0.01	51.02 1.68 0.01	46.24 2.12 -0.01	38.40 2.07 -0.01
EAST HAMPTON___GT 23717	48.66 5.27 -9.83	42.34 4.92 -7.45	38.48 4.64 -4.85	33.54 4.16 -2.51	33.01 4.07 -2.49	33.81 4.57 -0.12	34.65 4.86 0.00	37.84 5.25 0.00	41.44 5.62 -0.67	48.22 6.60 -0.15	52.97 5.97 0.00	59.55 5.89 -4.17	68.94 7.06 -8.83	64.30 7.39 0.00	73.78 8.39 -0.40	100.97 12.55 0.00	145.06 15.16 -26.03	182.21 15.24 -60.37	157.72 13.03 -46.70	130.94 9.76 -41.79	86.15 6.48 -22.77	57.40 5.33 -2.72	50.43 5.65 -0.67	45.90 5.78 -3.80
EAST RIVER___6 23660	35.57 2.01 0.00	32.72 1.89 -0.86	31.33 1.77 -0.56	31.04 1.67 -2.50	30.55 1.61 -2.49	30.99 1.87 0.00	31.87 2.08 0.00	34.94 2.35 0.00	38.38 2.56 -0.67	44.15 2.66 -0.02	49.35 2.35 0.00	51.82 2.33 0.00	55.65 2.60 0.00	59.75 2.84 0.00	68.58 3.18 -0.40	94.08 5.66 0.00	111.02 7.16 0.00	114.00 7.35 -0.05	103.57 5.58 0.00	84.15 3.58 -1.19	58.83 1.94 0.00	50.93 1.58 0.00	46.10 1.99 0.00	38.03 1.71 0.00

EAST_RIVER___7 23524	35.57 2.01 0.00	32.72 1.89 -0.86	31.33 1.77 -0.56	31.04 1.67 -2.50	30.55 1.61 -2.49	30.99 1.87 0.00	31.87 2.08 0.00	34.94 2.35 0.00	38.38 2.56 -0.67	44.15 2.66 -0.02	49.35 2.35 0.00	51.82 2.33 0.00	55.65 2.60 0.00	59.75 2.84 0.00	68.58 3.18 -0.40	94.08 5.66 0.00	111.02 7.16 0.00	114.00 7.35 -0.05	103.57 5.58 0.00	84.15 3.58 -1.19	58.83 1.94 0.00	50.93 1.58 0.00	46.10 1.99 0.00	38.03 1.71 0.00
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	35.34 1.78 0.00	32.63 1.80 -0.86	31.30 1.74 -0.56	31.01 1.64 -2.50	30.54 1.61 -2.48	30.95 1.83 0.00	31.73 1.94 0.00	34.71 2.12 0.00	38.08 2.28 -0.65	43.90 2.41 -0.02	49.16 2.16 0.00	51.62 2.13 0.00	55.44 2.39 0.00	59.47 2.56 0.00	68.19 2.79 -0.40	93.28 4.86 0.00	110.09 6.23 0.00	113.05 6.40 -0.05	102.89 4.90 0.00	83.91 3.33 -1.19	58.77 1.88 0.00	50.93 1.58 0.00	46.01 1.90 0.00	37.99 1.67 0.00
EAST_HAMPTON___DIESEL 23722	48.66 5.27 -9.83	42.37 4.94 -7.45	38.48 4.64 -4.85	33.57 4.19 -2.51	33.01 4.07 -2.49	33.81 4.57 -0.12	34.68 4.89 0.00	37.84 5.25 0.00	41.44 5.62 -0.67	48.22 6.60 -0.15	53.02 6.02 0.00	59.60 5.94 -4.17	69.00 7.11 -8.83	64.30 7.39 0.00	73.84 8.45 -0.40	101.07 12.64 0.00	145.16 15.27 -26.03	182.32 15.35 -60.37	157.82 13.13 -46.70	130.94 9.76 -41.79	86.15 6.48 -22.76	57.40 5.33 -2.72	50.43 5.65 -0.67	45.93 5.81 -3.80
EAST_PULASKI___ESR 323781	33.42 -0.13 0.00	29.62 -0.36 0.00	28.59 -0.41 0.00	26.49 -0.38 0.00	26.17 -0.40 -0.12	28.71 -0.41 0.00	29.43 -0.36 0.00	32.13 -0.46 0.00	34.48 -0.67 0.00	40.94 -0.54 0.00	46.70 -0.42 -0.12	49.24 -0.25 0.00	53.57 -0.16 -0.68	57.97 -0.06 -1.12	66.73 0.06 -1.67	95.90 -0.09 -7.57	112.59 -0.42 -9.14	116.06 -0.43 -9.89	106.09 -0.10 -8.20	83.87 0.00 -4.49	57.52 0.28 -0.34	49.45 0.10 0.00	43.85 -0.26 0.00	36.25 -0.07 0.00
EAST_RIVER___1 323558	35.61 2.05 0.00	32.76 1.92 -0.86	31.39 1.83 -0.56	31.10 1.72 -2.50	30.63 1.69 -2.49	31.04 1.92 0.00	31.91 2.12 0.00	34.94 2.35 0.00	38.35 2.53 -0.67	44.15 2.66 -0.02	49.35 2.35 0.00	51.77 2.28 0.00	55.60 2.55 0.00	59.64 2.73 0.00	68.45 3.06 -0.40	93.82 5.39 0.00	110.72 6.85 0.00	113.58 6.92 -0.05	103.28 5.29 0.00	83.99 3.41 -1.19	58.77 1.87 0.00	50.88 1.53 0.00	46.10 1.99 0.00	38.07 1.74 0.00
EAST_RIVER___2 323559	35.57 2.01 0.00	32.72 1.89 -0.86	31.33 1.77 -0.56	31.04 1.67 -2.50	30.55 1.61 -2.49	30.99 1.87 0.00	31.87 2.08 0.00	34.94 2.35 0.00	38.38 2.56 -0.67	44.15 2.66 -0.02	49.35 2.35 0.00	51.82 2.33 0.00	55.65 2.60 0.00	59.75 2.84 0.00	68.58 3.18 -0.40	94.08 5.66 0.00	111.02 7.16 0.00	114.00 7.35 -0.05	103.57 5.58 0.00	84.15 3.58 -1.19	58.83 1.94 0.00	50.93 1.58 0.00	46.10 1.99 0.00	38.03 1.71 0.00
EAST___DELAWARE_HYD 23607	34.60 1.04 0.00	31.70 0.93 -0.79	30.41 0.90 -0.52	30.03 0.86 -2.30	29.47 0.82 -2.20	30.08 0.96 0.00	30.83 1.04 0.00	33.60 1.01 0.00	35.88 0.98 0.26	42.09 0.62 0.01	47.33 0.33 0.00	49.79 0.30 0.00	53.74 0.69 0.00	56.05 -0.85 0.00	63.37 -1.04 0.59	88.24 -0.18 0.00	104.39 0.52 0.00	108.45 1.81 -0.04	99.07 1.08 0.00	81.09 0.24 -1.47	56.73 -0.17 0.00	50.29 0.94 0.00	45.13 1.02 0.00	37.27 0.94 0.00
EIGHT_POINT___WT_PWR 323820	35.03 1.47 0.00	31.38 1.23 -0.17	30.07 0.96 -0.11	28.12 0.75 -0.50	27.38 0.45 -0.48	29.67 0.55 0.00	30.65 0.86 0.00	33.14 0.55 0.00	35.61 0.49 0.03	42.43 0.95 0.00	48.66 1.64 -0.02	51.62 2.13 0.00	55.90 2.76 -0.09	60.06 3.01 -0.14	68.91 3.70 -0.21	93.44 4.07 -0.95	109.58 4.56 -1.15	112.01 4.15 -1.26	103.23 4.21 -1.03	83.60 3.65 -0.57	60.58 3.64 -0.04	52.36 3.01 0.00	45.70 1.59 0.00	38.47 2.14 0.00
ELBRIDGE_115KV_TB2 80188	33.66 0.10 0.00	30.06 0.00 -0.08	28.96 -0.09 -0.05	27.02 -0.08 -0.23	26.59 -0.11 -0.25	29.03 -0.09 0.00	29.73 -0.06 0.00	32.43 -0.16 0.00	34.97 -0.18 0.00	41.31 -0.17 0.00	47.18 0.09 -0.08	49.69 0.20 0.00	53.99 0.48 -0.46	58.17 0.51 -0.75	66.77 0.65 -1.12	94.29 0.80 -5.08	110.62 0.62 -6.13	113.87 0.64 -6.64	104.18 0.69 -5.50	82.95 0.56 -3.01	57.81 0.68 -0.23	49.84 0.49 0.00	44.25 0.13 0.00	36.61 0.29 0.00
ELEC_TRO_TEK 24086	45.81 2.42 -9.83	39.79 2.37 -7.45	36.11 2.26 -4.85	31.47 2.10 -2.51	31.00 2.06 -2.49	31.57 2.33 -0.12	32.14 2.35 0.00	35.23 2.64 0.00	38.63 2.81 -0.67	44.61 2.99 -0.15	48.88 1.88 0.00	51.31 1.83 0.01	55.17 2.12 0.01	59.23 2.33 0.01	67.86 2.47 -0.39	92.92 4.51 0.01	109.67 5.82 0.01	112.51 5.86 -0.05	102.39 4.41 0.01	83.35 2.78 -1.19	58.43 1.54 0.01	50.58 1.23 0.01	46.10 1.99 0.00	42.44 2.32 -3.79
ELLENBURG_WT_PWR 323604	33.22 -0.34 0.00	29.62 -0.36 0.00	28.53 -0.47 0.00	26.44 -0.43 0.00	26.11 -0.34 0.00	28.74 -0.38 0.00	29.49 -0.30 0.00	32.43 -0.16 0.00	35.18 0.04 0.00	41.47 0.00 0.00	47.05 0.05 0.00	48.70 -0.79 0.00	51.67 -1.38 0.00	55.20 -1.71 0.00	63.24 -1.75 0.00	85.59 -2.83 0.00	100.54 -3.33 0.00	102.97 -3.62 0.00	95.54 -2.45 0.00	77.40 -1.98 0.00	55.19 -1.71 0.00	48.51 -0.84 0.00	43.94 -0.18 0.00	35.85 -0.47 0.00
ELM_ST_23_KV_LD_REV_LBMP_A 345012	34.73 1.17 0.00	30.86 0.75 -0.13	29.58 0.49 -0.09	27.55 0.30 -0.38	26.88 0.05 -0.38	29.38 0.26 0.00	30.15 0.36 0.00	32.36 -0.23 0.00	34.76 -0.39 0.00	41.10 -0.37 0.00	47.33 0.33 0.00	50.33 0.84 0.00	54.27 1.22 0.00	58.04 1.14 0.00	66.81 1.82 0.00	89.39 0.97 0.00	104.38 0.52 0.00	106.71 0.11 -0.01	98.38 0.39 0.00	80.10 0.71 0.00	58.89 1.99 0.00	51.13 1.78 0.00	44.60 0.49 0.00	37.85 1.53 0.00
EMPIRE_CC_1 323656	34.83 1.27 0.00	32.63 1.32 -1.33	31.20 1.33 -0.87	32.02 1.26 -3.89	30.99 1.22 -3.33	30.46 1.34 0.00	31.16 1.37 0.00	33.76 1.17 0.00	36.87 1.23 -0.49	42.82 1.33 -0.01	48.22 1.22 0.00	50.77 1.28 0.00	54.34 1.27 -0.02	58.17 1.25 -0.02	73.38 1.30 -7.09	90.65 2.21 -0.02	106.56 2.70 0.00	109.82 3.09 -0.13	100.36 2.35 -0.02	85.22 1.74 -4.09	58.03 1.14 0.00	50.39 1.04 0.00	45.39 1.28 0.00	37.52 1.20 0.00
EMPIRE_CC_2 323658	34.83 1.27 0.00	32.63 1.32 -1.33	31.20 1.33 -0.87	32.02 1.26 -3.89	30.99 1.22 -3.33	30.46 1.34 0.00	31.16 1.37 0.00	33.76 1.17 0.00	36.87 1.23 -0.49	42.82 1.33 -0.01	48.22 1.22 0.00	50.77 1.28 0.00	54.34 1.27 -0.02	58.17 1.25 -0.02	73.38 1.30 -7.09	90.65 2.21 -0.02	106.56 2.70 0.00	109.82 3.09 -0.13	100.36 2.35 -0.02	85.22 1.74 -4.09	58.03 1.14 0.00	50.39 1.04 0.00	45.39 1.28 0.00	37.52 1.20 0.00
ENORWICH_115KV_TB1 80156	36.68 3.12 0.00	32.41 2.10 -0.34	31.05 1.83 -0.22	29.63 1.77 -0.98	28.82 1.59 -0.78	31.10 1.98 0.00	31.99 2.20 0.00	34.90 2.31 0.00	37.50 2.39 0.04	45.12 3.65 0.00	51.50 4.47 -0.03	54.29 4.80 0.00	58.53 5.31 -0.17	63.17 5.98 -0.29	72.44 7.02 -0.43	99.55 9.20 -1.93	117.20 11.01 -2.33	120.33 11.19 -2.54	111.84 11.76 -2.09	91.01 9.61 -2.03	64.38 7.40 -0.09	55.42 6.07 0.00	48.70 4.59 0.00	40.14 3.81 0.00

ERIE_ST__34_KV_TB1-2 80199	35.14 1.58 0.00	31.16 1.05 -0.14	29.84 0.75 -0.09	27.81 0.54 -0.40	26.66 -0.19 -0.39	29.64 0.52 0.00	30.45 0.66 0.00	32.78 0.20 0.00	35.25 0.11 0.00	41.76 0.29 0.00	48.18 1.18 0.00	51.22 1.73 0.00	55.23 2.18 0.00	59.24 2.33 0.00	68.24 3.25 0.00	91.34 2.92 0.00	106.67 2.80 0.00	109.06 2.45 -0.01	100.54 2.55 0.00	81.60 2.22 0.00	59.86 2.96 0.00	51.92 2.57 0.00	45.17 1.06 0.00	38.21 1.89 0.00
ERIE_WT_PWR 323693	34.56 1.01 0.00	30.95 0.84 -0.13	29.67 0.58 -0.09	27.61 0.35 -0.39	26.79 -0.05 -0.39	29.09 -0.03 0.00	30.15 0.36 0.00	32.46 -0.13 0.00	35.01 -0.14 0.00	41.39 -0.08 0.00	47.66 0.66 0.00	50.73 1.24 0.00	54.70 1.65 0.00	58.61 1.71 0.00	67.40 2.41 0.00	90.10 1.68 0.00	105.32 1.45 0.00	107.67 1.07 -0.01	99.26 1.27 0.00	80.81 1.43 0.00	59.34 2.44 0.00	51.52 2.17 0.00	44.91 0.79 0.00	38.07 1.74 0.00
ESPRGFLD_115KV_TB1 80157	36.24 2.68 0.00	34.10 2.22 -1.91	32.39 2.15 -1.25	34.46 2.02 -5.57	29.75 1.90 -1.39	31.30 2.18 0.00	32.11 2.32 0.00	35.07 2.48 0.00	37.99 2.64 -0.20	44.84 3.36 -0.01	50.95 3.95 0.00	53.65 4.16 0.00	57.62 4.56 0.00	61.92 5.01 0.00	72.09 5.72 -1.37	96.38 7.96 0.00	113.31 9.45 0.00	116.53 9.81 -0.12	107.69 9.70 0.00	98.36 7.86 -11.12	62.70 5.80 0.00	54.29 4.94 0.00	48.08 3.97 0.00	39.56 3.23 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	34.67 1.11 0.00	30.95 0.78 -0.19	29.79 0.67 -0.13	28.03 0.59 -0.56	27.51 0.53 -0.53	29.82 0.70 0.00	30.53 0.74 0.00	33.27 0.68 0.00	35.78 0.67 0.03	42.47 1.00 0.00	48.50 1.46 -0.04	51.12 1.63 0.00	55.31 2.02 -0.24	59.58 2.28 -0.40	68.32 2.73 -0.59	94.55 3.45 -2.68	111.26 4.15 -3.24	114.48 4.37 -3.51	105.30 4.41 -2.90	84.62 3.65 -1.59	59.97 2.96 -0.12	51.72 2.37 0.00	45.70 1.59 0.00	37.85 1.53 0.00
ETNA____115KV_TB2 80207	34.67 1.11 0.00	30.95 0.78 -0.19	29.79 0.67 -0.13	28.03 0.59 -0.56	27.51 0.53 -0.53	29.82 0.70 0.00	30.53 0.74 0.00	33.27 0.68 0.00	35.78 0.67 0.03	42.47 1.00 0.00	48.50 1.46 -0.04	51.12 1.63 0.00	55.31 2.02 -0.24	59.58 2.28 -0.40	68.32 2.73 -0.59	94.55 3.45 -2.68	111.26 4.15 -3.24	114.48 4.37 -3.51	105.30 4.41 -2.90	84.62 3.65 -1.59	59.97 2.96 -0.12	51.72 2.37 0.00	45.70 1.59 0.00	37.85 1.53 0.00
EUCLID__115KV_TB2 356179	33.32 -0.23 0.00	29.65 -0.33 0.00	28.62 -0.38 0.00	26.49 -0.38 0.00	26.24 -0.34 -0.13	28.74 -0.38 0.00	29.43 -0.36 0.00	32.13 -0.46 0.00	34.62 -0.53 0.00	41.02 -0.46 0.00	46.75 -0.28 -0.04	49.34 -0.15 0.00	53.25 0.00 -0.20	57.29 0.06 -0.33	65.67 0.19 -0.49	90.71 0.09 -2.20	106.31 -0.21 -2.65	109.04 -0.43 -2.87	99.98 -0.39 -2.38	80.45 -0.24 -1.30	57.05 0.06 -0.10	49.30 -0.05 0.00	43.81 -0.31 0.00	36.21 -0.11 0.00
E_CANADA_CAP_HY 24051	37.05 3.49 0.00	35.38 3.03 -2.37	33.48 2.93 -1.56	36.49 2.69 -6.93	34.06 2.62 -4.99	31.98 2.86 0.00	32.86 3.07 0.00	35.82 3.23 0.00	39.33 3.87 -0.31	46.17 4.69 -0.01	52.36 5.36 0.00	55.18 5.69 0.00	58.58 5.52 0.00	62.94 6.03 0.00	73.55 6.76 -1.79	97.98 9.55 0.00	115.49 11.63 0.00	119.01 12.25 -0.16	109.85 11.85 0.00	103.71 9.92 -14.40	64.12 7.23 0.00	55.67 6.32 0.00	49.27 5.16 0.00	40.50 4.18 0.00
E_CANADA_MHWK_HY 24050	33.56 0.00 0.00	29.86 -0.12 0.00	28.91 -0.09 0.00	26.79 -0.08 0.00	26.37 -0.08 0.00	29.03 -0.09 0.00	29.70 -0.09 0.00	32.49 -0.10 0.00	35.08 -0.07 0.00	41.80 0.33 0.00	47.42 0.42 0.00	49.93 0.44 0.00	53.53 0.48 0.00	57.53 0.63 0.00	65.58 0.58 0.00	89.12 0.70 0.00	104.80 0.93 0.00	106.60 0.00 0.00	97.99 0.00 0.00	79.14 -0.24 0.00	56.73 -0.17 0.00	49.20 -0.15 0.00	44.03 -0.09 0.00	36.29 -0.04 0.00
E_FISHKILL__LBMP 23776	35.14 1.58 0.00	32.48 1.62 -0.88	31.17 1.59 -0.58	30.97 1.53 -2.57	30.49 1.48 -2.55	30.78 1.66 0.00	31.55 1.76 0.00	34.45 1.86 0.00	37.96 1.97 -0.85	43.57 2.07 -0.02	48.83 1.83 0.00	51.27 1.78 0.00	55.07 2.02 0.00	59.01 2.11 0.00	67.68 2.27 -0.41	92.40 3.98 0.00	108.95 5.09 0.00	111.98 5.33 -0.06	102.11 4.12 0.00	83.38 2.78 -1.22	58.55 1.65 0.00	50.73 1.38 0.00	45.79 1.68 0.00	37.81 1.49 0.00
FALCON__SEABRD_CC1 323796	33.63 0.07 0.00	29.95 -0.03 0.00	28.85 -0.14 0.00	26.74 -0.13 0.00	26.40 -0.05 0.00	29.06 -0.06 0.00	29.82 0.03 0.00	32.82 0.23 0.00	35.57 0.42 0.00	41.93 0.46 0.00	47.57 0.57 0.00	48.60 -0.89 0.00	51.15 -1.91 0.00	54.40 -2.50 0.00	62.39 -2.60 0.00	84.35 -4.07 0.00	99.09 -4.78 0.00	101.38 -5.22 0.00	94.27 -3.72 0.00	76.53 -2.85 0.00	54.45 -2.44 0.00	48.46 -0.89 0.00	44.42 0.31 0.00	36.25 -0.07 0.00
FALCON__SEABRD_CC2 323797	33.63 0.07 0.00	29.95 -0.03 0.00	28.85 -0.14 0.00	26.74 -0.13 0.00	26.40 -0.05 0.00	29.06 -0.06 0.00	29.82 0.03 0.00	32.82 0.23 0.00	35.57 0.42 0.00	41.93 0.46 0.00	47.57 0.57 0.00	48.60 -0.89 0.00	51.15 -1.91 0.00	54.40 -2.50 0.00	62.39 -2.60 0.00	84.35 -4.07 0.00	99.09 -4.78 0.00	101.38 -5.22 0.00	94.27 -3.72 0.00	76.53 -2.85 0.00	54.45 -2.44 0.00	48.46 -0.89 0.00	44.42 0.31 0.00	36.25 -0.07 0.00
FAR ROCKAWAY___4 23548	46.51 3.12 -9.83	40.39 2.97 -7.45	36.63 2.78 -4.85	31.93 2.55 -2.51	31.43 2.49 -2.49	32.03 2.80 -0.12	32.59 2.80 0.00	35.75 3.16 0.00	39.19 3.37 -0.67	44.94 3.32 -0.15	49.16 2.16 0.00	51.71 2.23 0.01	55.60 2.55 0.01	59.80 2.90 0.01	68.51 3.12 -0.39	93.81 5.39 0.01	110.71 6.85 0.01	113.68 7.04 -0.05	103.37 5.39 0.01	84.06 3.49 -1.19	58.82 1.93 0.01	50.97 1.63 0.01	46.45 2.34 0.00	42.73 2.62 -3.79
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	35.54 1.98 0.00	32.81 1.98 -0.86	31.42 1.86 -0.56	31.12 1.75 -2.50	30.66 1.72 -2.49	31.07 1.95 0.00	31.91 2.12 0.00	34.97 2.38 0.00	38.38 2.57 -0.67	44.19 2.70 -0.02	49.35 2.35 0.00	51.81 2.33 0.00	55.60 2.55 0.00	59.69 2.79 0.00	68.45 3.05 -0.40	93.81 5.39 0.00	110.72 6.85 0.00	113.69 7.04 -0.05	103.28 5.29 0.00	84.07 3.49 -1.19	58.77 1.88 0.00	50.93 1.58 0.00	46.10 1.99 0.00	38.10 1.78 0.00
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	35.54 1.98 0.00	32.81 1.98 -0.86	31.44 1.88 -0.56	31.15 1.77 -2.50	30.68 1.75 -2.49	31.07 1.95 0.00	31.91 2.12 0.00	34.97 2.38 0.00	38.38 2.57 -0.67	44.19 2.70 -0.02	49.35 2.35 0.00	51.81 2.33 0.00	55.60 2.55 0.00	59.69 2.79 0.00	68.45 3.05 -0.40	93.81 5.39 0.00	110.72 6.85 0.00	113.69 7.04 -0.05	103.28 5.29 0.00	84.07 3.49 -1.19	58.83 1.93 0.00	50.98 1.63 0.00	46.14 2.03 0.00	38.10 1.78 0.00
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	35.50 1.95 0.00	32.78 1.95 -0.86	31.42 1.86 -0.56	31.12 1.75 -2.50	30.66 1.72 -2.49	31.04 1.92 0.00	31.88 2.09 0.00	34.93 2.35 0.00	38.35 2.53 -0.67	44.15 2.65 -0.02	49.30 2.30 0.00	51.77 2.28 0.00	55.55 2.49 0.00	59.64 2.73 0.00	68.38 2.99 -0.40	93.73 5.31 0.00	110.61 6.75 0.00	113.47 6.82 -0.05	103.18 5.19 0.00	83.99 3.41 -1.19	58.72 1.82 0.00	50.88 1.53 0.00	46.05 1.94 0.00	38.07 1.74 0.00

FARRAGUT___LBMP 323566	35.47 1.91 0.00	32.75 1.92 -0.86	31.39 1.83 -0.56	31.09 1.72 -2.50	30.63 1.69 -2.49	31.01 1.89 0.00	31.85 2.06 0.00	34.90 2.31 0.00	38.31 2.50 -0.67	44.11 2.61 -0.02	49.26 2.26 0.00	51.67 2.18 0.00	55.50 2.44 0.00	59.52 2.62 0.00	68.25 2.86 -0.40	93.55 5.13 0.00	110.41 6.54 0.00	113.37 6.72 -0.05	103.09 5.10 0.00	83.83 3.25 -1.19	58.66 1.76 0.00	50.83 1.48 0.00	46.01 1.90 0.00	38.03 1.71 0.00
FENNER___WINDPWR 24204	34.43 0.87 0.00	30.58 0.51 -0.09	29.49 0.44 -0.06	27.51 0.38 -0.26	27.09 0.37 -0.27	29.56 0.44 0.00	30.30 0.51 0.00	33.14 0.55 0.00	35.78 0.63 0.00	42.59 1.12 0.00	48.58 1.55 -0.03	51.22 1.73 0.00	55.20 1.96 -0.18	59.48 2.28 -0.30	68.17 2.73 -0.45	93.89 3.44 -2.03	110.47 4.16 -2.45	113.08 3.83 -2.65	104.00 3.82 -2.20	83.68 3.09 -1.20	59.38 2.39 -0.09	51.27 1.92 0.00	45.53 1.41 0.00	37.56 1.24 0.00
FIBERTEK___ENERGY 23856	33.76 0.20 0.00	30.01 0.03 0.00	28.94 -0.06 0.00	26.82 -0.05 0.00	26.53 -0.08 -0.16	29.09 -0.03 0.00	29.76 -0.03 0.00	32.49 -0.10 0.00	35.04 -0.11 0.00	41.35 -0.12 0.00	47.22 0.14 -0.08	49.79 0.30 0.00	54.01 0.53 -0.43	58.24 0.63 -0.71	66.83 0.78 -1.05	94.15 0.97 -4.76	110.45 0.83 -5.75	113.46 0.64 -6.22	103.74 0.59 -5.16	82.68 0.48 -2.82	57.68 0.57 -0.21	49.79 0.44 0.00	44.20 0.09 0.00	36.69 0.36 0.00
FITZPATRICK____ 23598	32.72 -0.84 0.00	29.17 -0.81 0.00	28.19 -0.81 0.00	26.12 -0.75 0.00	25.81 -0.74 -0.10	28.30 -0.82 0.00	28.96 -0.83 0.00	31.61 -0.98 0.00	34.09 -1.05 0.00	40.31 -1.16 0.00	45.40 -1.17 0.43	48.40 -1.09 0.00	49.60 -1.12 2.34	51.90 -1.14 3.87	58.00 -1.24 5.76	60.50 -1.86 26.06	70.00 -2.38 31.48	70.00 -2.56 34.04	67.50 -2.25 28.24	62.10 -1.82 15.46	54.60 -1.14 1.16	48.36 -0.99 0.00	43.01 -1.10 0.00	35.56 -0.76 0.00
FLOWRFLD_69_KV_BK1 356044	46.88 3.49 -9.83	40.84 3.42 -7.45	37.06 3.22 -4.85	32.28 2.90 -2.51	31.80 2.86 -2.49	32.47 3.23 -0.12	33.07 3.28 0.00	36.30 3.72 0.00	39.79 3.97 -0.67	45.85 4.23 -0.15	49.59 2.59 0.00	55.33 2.33 -3.51	62.88 2.39 -7.43	59.82 2.90 -0.01	68.59 3.18 -0.41	93.91 5.48 -0.01	145.43 6.96 -34.61	175.08 7.25 -61.24	165.76 5.68 -62.09	138.37 3.81 -55.18	82.27 2.28 -23.10	54.99 2.02 -3.62	47.76 2.96 -0.69	43.72 3.60 -3.81
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	35.61 2.05 0.00	32.82 1.98 -0.87	31.48 1.91 -0.57	31.21 1.80 -2.54	30.68 1.72 -2.51	31.07 1.95 0.00	31.88 2.09 0.00	34.77 2.18 0.00	37.71 2.25 -0.32	43.93 2.45 -0.01	49.40 2.40 0.00	52.01 2.52 0.00	55.97 2.92 0.00	60.03 3.13 0.00	68.50 3.51 0.00	94.34 5.92 0.00	111.03 7.17 0.00	114.11 7.46 -0.05	104.06 6.08 0.00	85.01 4.37 -1.26	59.63 2.73 0.00	51.62 2.27 0.00	46.45 2.34 0.00	38.39 2.07 0.00
FORT ORANGE____ 23900	34.83 1.27 0.00	33.06 1.26 -1.82	31.46 1.27 -1.19	33.36 1.18 -5.31	31.46 1.14 -3.88	30.34 1.22 0.00	31.07 1.28 0.00	33.79 1.21 0.00	36.59 1.02 -0.42	42.52 1.04 -0.01	47.99 0.99 0.00	50.63 1.14 0.00	53.82 0.80 0.03	57.73 0.85 0.03	53.28 0.98 12.69	89.98 1.59 0.03	105.94 2.08 0.00	109.17 2.55 -0.02	99.72 1.77 0.03	89.19 1.43 -8.38	57.80 0.91 0.00	50.19 0.84 0.00	45.35 1.23 0.00	37.45 1.13 0.00
FORT_DRUM_COGEN 23780	34.06 0.50 0.00	29.89 -0.09 0.00	28.77 -0.23 0.00	26.68 -0.19 0.00	26.24 -0.29 -0.08	28.83 -0.29 0.00	29.64 -0.15 0.00	32.43 -0.16 0.00	34.90 -0.25 0.00	41.85 0.37 0.00	47.58 0.52 -0.07	50.38 0.89 0.00	54.31 0.90 -0.36	58.63 1.14 -0.59	67.50 1.62 -0.88	94.26 1.86 -3.98	111.06 2.39 -4.81	114.14 2.35 -5.20	105.83 3.53 -4.31	84.84 3.10 -2.36	59.63 2.56 -0.18	51.28 1.92 0.00	45.44 1.32 0.00	37.38 1.05 0.00
FPL_FAR_ROCK_GT1 24212	46.62 3.22 -9.84	40.39 2.97 -7.45	36.63 2.78 -4.85	31.93 2.55 -2.51	31.42 2.49 -2.49	32.04 2.80 -0.12	32.74 2.95 0.00	35.75 3.16 0.00	39.19 3.37 -0.67	44.94 3.32 -0.15	49.16 2.16 0.00	51.71 2.23 0.01	55.60 2.55 0.01	59.74 2.84 0.01	68.51 3.12 -0.39	93.81 5.39 0.01	110.71 6.85 0.01	113.68 7.03 -0.05	103.37 5.39 0.01	83.98 3.41 -1.19	58.83 1.94 0.01	50.97 1.63 0.01	46.45 2.34 0.00	42.73 2.62 -3.79
FPL_FAR_ROCK_GT2 23815	46.62 3.22 -9.84	40.39 2.97 -7.45	36.63 2.78 -4.85	31.93 2.55 -2.51	31.42 2.49 -2.49	32.04 2.80 -0.12	32.74 2.95 0.00	35.75 3.16 0.00	39.19 3.37 -0.67	44.94 3.32 -0.15	49.16 2.16 0.00	51.71 2.23 0.01	55.60 2.55 0.01	59.74 2.84 0.01	68.51 3.12 -0.39	93.81 5.39 0.01	110.71 6.85 0.01	113.68 7.03 -0.05	103.37 5.39 0.01	83.98 3.41 -1.19	58.83 1.94 0.01	50.97 1.63 0.01	46.45 2.34 0.00	42.73 2.62 -3.79
FRANKLIN_FALL_HYD 24054	33.32 -0.23 0.00	29.65 -0.33 0.00	28.56 -0.43 0.00	26.41 -0.46 0.00	26.05 -0.40 0.00	28.62 -0.50 0.00	29.40 -0.39 0.00	32.39 -0.20 0.00	35.15 0.00 0.00	41.47 0.00 0.00	47.05 0.05 0.00	48.99 -0.49 0.00	52.10 -0.95 0.00	55.82 -1.08 0.00	64.08 -0.91 0.00	86.56 -1.86 0.00	101.68 -2.18 0.00	103.61 -2.98 0.00	96.52 -1.47 0.00	78.43 -0.95 0.00	55.87 -1.02 0.00	48.81 -0.54 0.00	43.98 -0.13 0.00	35.96 -0.36 0.00
FREEPORT_EQUS_GT1 23764	46.31 2.92 -9.84	40.15 2.73 -7.45	36.40 2.55 -4.85	31.77 2.39 -2.51	31.27 2.33 -2.49	31.89 2.65 -0.12	32.62 2.83 0.00	35.62 3.03 0.00	39.02 3.20 -0.67	44.94 3.32 -0.15	49.12 2.12 0.00	51.66 2.18 0.01	55.54 2.49 0.01	59.63 2.73 0.01	68.11 2.73 -0.39	93.27 4.86 0.01	110.19 6.34 0.01	113.04 6.40 -0.05	102.88 4.90 0.01	83.66 3.09 -1.19	58.82 1.94 0.01	50.92 1.58 0.01	46.45 2.34 0.00	42.80 2.69 -3.79
FREEPORT___CT2 23818	46.31 2.92 -9.84	40.15 2.73 -7.45	36.40 2.55 -4.85	31.77 2.39 -2.51	31.27 2.33 -2.49	31.89 2.65 -0.12	32.62 2.83 0.00	35.62 3.03 0.00	39.02 3.20 -0.67	44.94 3.32 -0.15	49.12 2.12 0.00	51.66 2.18 0.01	55.54 2.49 0.01	59.63 2.73 0.01	68.11 2.73 -0.39	93.27 4.86 0.01	110.19 6.34 0.01	113.04 6.40 -0.05	102.88 4.90 0.01	83.66 3.09 -1.19	58.82 1.94 0.01	50.92 1.58 0.01	46.45 2.34 0.00	42.80 2.69 -3.79
FRESHKLS_33_KV_LOAD 356253	32.33 2.11 3.34	32.42 2.04 -0.40	31.50 1.94 -0.56	31.28 1.91 -2.50	30.88 1.93 -2.50	31.04 1.92 0.00	31.46 2.06 0.39	31.50 2.38 3.47	31.83 2.60 5.92	33.72 2.49 10.25	33.86 1.93 15.07	33.91 1.93 17.51	34.94 2.12 20.24	36.60 2.39 22.69	39.40 2.60 28.20	62.03 4.95 31.34	71.55 6.34 38.64	73.08 6.50 40.01	62.08 4.80 40.71	44.22 3.10 38.25	37.05 1.59 21.44	34.77 1.28 15.86	34.00 1.72 11.84	31.54 1.78 6.56
FULTON COGEN____ 23766	33.26 -0.30 0.00	29.59 -0.39 0.00	28.56 -0.43 0.00	26.47 -0.40 0.00	26.18 -0.40 -0.13	28.68 -0.44 0.00	29.37 -0.42 0.00	32.07 -0.52 0.00	34.48 -0.67 0.00	40.85 -0.62 0.00	46.67 -0.47 -0.14	49.14 -0.35 0.00	53.66 -0.16 -0.77	58.12 -0.06 -1.27	66.88 0.00 -1.89	96.88 -0.09 -8.55	113.88 -0.31 -10.33	117.23 -0.53 -11.17	106.77 -0.49 -9.27	84.06 -0.40 -5.07	57.22 -0.06 -0.38	49.20 -0.15 0.00	43.72 -0.40 0.00	36.14 -0.18 0.00

FULTON___LFGE 323630	38.02 4.46 0.00	36.48 3.93 -2.57	34.40 3.71 -1.69	37.80 3.41 -7.52	34.80 3.33 -5.02	32.70 3.58 0.00	33.66 3.87 0.00	36.69 4.11 0.00	39.91 4.43 -0.34	47.91 6.43 -0.01	54.47 7.47 0.00	57.31 7.82 0.00	61.33 8.27 -0.01	65.78 8.87 -0.01	78.02 11.05 -1.98	104.25 15.82 -0.01	123.28 19.42 0.00	123.17 16.41 -0.17	113.67 15.67 -0.01	108.28 13.09 -15.81	66.45 9.56 0.00	57.40 8.05 0.00	50.64 6.53 0.00	41.77 5.45 0.00
G.F.CEMENT___DRP 24184	36.44 2.89 0.00	35.38 2.67 -2.74	33.34 2.55 -1.80	37.21 2.34 -8.00	33.59 2.27 -4.87	31.54 2.42 0.00	32.29 2.50 0.00	35.23 2.64 0.00	38.51 2.95 -0.41	45.22 3.73 -0.01	50.95 3.95 0.00	53.99 4.50 0.00	57.89 4.83 -0.01	62.21 5.29 -0.01	74.78 5.85 -3.94	96.39 7.96 -0.01	113.73 9.87 0.00	116.38 9.59 -0.19	107.11 9.11 -0.01	103.64 7.62 -16.64	62.42 5.52 0.00	54.48 5.13 0.00	48.48 4.37 0.00	39.74 3.41 0.00
GARDENVILLE___LBMP 24039	34.83 1.28 0.00	30.92 0.81 -0.13	29.64 0.55 -0.09	27.61 0.35 -0.39	26.86 0.03 -0.39	29.44 0.32 0.00	30.21 0.42 0.00	32.46 -0.13 0.00	34.87 -0.28 0.00	41.23 -0.25 0.00	47.47 0.47 0.00	50.53 1.04 0.00	54.43 1.38 0.00	58.27 1.37 0.00	67.07 2.08 0.00	89.75 1.33 0.00	104.80 0.93 0.00	107.14 0.53 -0.01	98.87 0.88 0.00	80.41 1.03 0.00	59.06 2.16 0.00	51.32 1.97 0.00	44.73 0.62 0.00	37.92 1.60 0.00
GARDNVLA_35_KV_LD 355827	35.00 1.44 0.00	31.07 0.96 -0.14	29.78 0.70 -0.09	27.75 0.48 -0.39	26.95 0.11 -0.39	29.56 0.44 0.00	30.36 0.57 0.00	32.62 0.03 0.00	35.08 -0.07 0.00	41.47 0.00 0.00	47.75 0.75 0.00	50.83 1.34 0.00	54.81 1.75 0.00	58.73 1.82 0.00	67.59 2.60 0.00	90.37 1.95 0.00	105.63 1.77 0.00	107.88 1.28 -0.01	99.56 1.57 0.00	80.97 1.59 0.00	59.46 2.56 0.00	51.62 2.27 0.00	44.95 0.84 0.00	38.14 1.82 0.00
GELCKHM___115KV_LOAD 80723	33.46 -0.10 0.00	29.77 -0.21 0.00	28.74 -0.26 0.00	26.60 -0.27 0.00	26.36 -0.24 -0.14	28.86 -0.26 0.00	29.55 -0.24 0.00	32.26 -0.33 0.00	34.80 -0.35 0.00	41.14 -0.33 0.00	46.91 -0.14 -0.05	49.49 0.00 0.00	53.55 0.21 -0.28	57.60 0.23 -0.47	66.08 0.39 -0.69	91.91 0.35 -3.13	107.75 0.10 -3.79	110.69 0.00 -4.09	101.39 0.00 -3.40	81.24 0.00 -1.86	57.26 0.23 -0.14	49.45 0.10 0.00	43.94 -0.18 0.00	36.40 0.07 0.00
GENERAL___MILLS 23808	34.93 1.38 0.00	31.01 0.90 -0.13	29.72 0.64 -0.09	27.69 0.43 -0.39	26.89 0.05 -0.39	29.50 0.38 0.00	30.30 0.51 0.00	32.56 -0.03 0.00	34.97 -0.18 0.00	41.35 -0.12 0.00	47.61 0.61 0.00	50.68 1.19 0.00	54.65 1.59 0.00	58.50 1.59 0.00	67.33 2.34 0.00	90.01 1.59 0.00	105.21 1.35 0.00	107.56 0.96 -0.01	99.17 1.18 0.00	80.73 1.35 0.00	59.29 2.39 0.00	51.47 2.12 0.00	44.86 0.75 0.00	38.03 1.71 0.00
GE_PLASTICS___DRP 24183	34.67 1.11 0.00	32.77 1.14 -1.65	31.27 1.19 -1.08	32.80 1.10 -4.83	31.25 1.08 -3.72	30.31 1.19 0.00	30.98 1.19 0.00	33.70 1.11 0.00	36.73 1.16 -0.42	42.73 1.24 -0.01	48.13 1.13 0.00	50.73 1.24 0.00	53.67 0.64 0.02	57.51 0.63 0.02	57.91 0.65 7.73	89.46 1.06 0.02	105.32 1.45 0.00	108.45 1.81 -0.04	99.15 1.18 0.02	87.23 1.03 -6.82	57.52 0.63 0.00	49.89 0.54 0.00	45.35 1.24 0.00	37.49 1.16 0.00
GILBOA___1 23756	34.63 1.07 0.00	31.93 1.17 -0.78	30.90 1.39 -0.51	30.45 1.29 -2.29	30.08 1.24 -2.38	30.49 1.37 0.00	31.04 1.25 0.00	33.70 1.11 0.00	36.59 1.16 -0.29	42.73 1.24 -0.01	48.13 1.13 0.00	50.67 1.19 0.00	54.33 1.27 0.00	58.10 1.20 0.00	65.90 0.91 0.00	90.10 1.68 0.00	105.94 2.08 0.00	108.89 2.24 -0.05	99.65 1.66 0.00	81.60 1.59 -0.63	58.09 1.20 0.00	50.34 0.99 0.00	45.26 1.15 0.00	37.38 1.05 0.00
GILBOA___2 23757	34.63 1.07 0.00	31.93 1.17 -0.78	30.90 1.39 -0.51	30.45 1.29 -2.29	30.08 1.24 -2.38	30.49 1.37 0.00	31.04 1.25 0.00	33.70 1.11 0.00	36.59 1.16 -0.29	42.73 1.24 -0.01	48.13 1.13 0.00	50.67 1.19 0.00	54.33 1.27 0.00	58.10 1.20 0.00	65.90 0.91 0.00	90.10 1.68 0.00	105.94 2.08 0.00	108.89 2.24 -0.05	99.65 1.66 0.00	81.60 1.59 -0.63	58.09 1.20 0.00	50.34 0.99 0.00	45.26 1.15 0.00	37.38 1.05 0.00
GILBOA___3 23758	34.63 1.07 0.00	31.93 1.17 -0.78	30.90 1.39 -0.51	30.45 1.29 -2.29	30.08 1.24 -2.38	30.49 1.37 0.00	31.04 1.25 0.00	33.70 1.11 0.00	36.59 1.16 -0.29	42.73 1.24 -0.01	48.13 1.13 0.00	50.67 1.19 0.00	54.33 1.27 0.00	58.10 1.20 0.00	65.90 0.91 0.00	90.10 1.68 0.00	105.94 2.08 0.00	108.89 2.24 -0.05	99.65 1.66 0.00	81.60 1.59 -0.63	58.09 1.20 0.00	50.34 0.99 0.00	45.26 1.15 0.00	37.38 1.05 0.00
GILBOA___4 23759	34.63 1.07 0.00	31.93 1.17 -0.78	30.90 1.39 -0.51	30.45 1.29 -2.29	30.08 1.24 -2.38	30.49 1.37 0.00	31.04 1.25 0.00	33.70 1.11 0.00	36.59 1.16 -0.29	42.73 1.24 -0.01	48.13 1.13 0.00	50.67 1.19 0.00	54.33 1.27 0.00	58.10 1.20 0.00	65.90 0.91 0.00	90.10 1.68 0.00	105.94 2.08 0.00	108.89 2.24 -0.05	99.65 1.66 0.00	81.60 1.59 -0.63	58.09 1.20 0.00	50.34 0.99 0.00	45.26 1.15 0.00	37.38 1.05 0.00
GILBOA___ 23599	34.60 1.04 0.00	31.93 1.17 -0.78	30.90 1.39 -0.51	30.45 1.29 -2.29	30.08 1.24 -2.38	30.52 1.40 0.00	31.01 1.22 0.00	33.66 1.08 0.00	36.60 1.16 -0.29	42.73 1.24 -0.01	48.13 1.13 0.00	50.68 1.19 0.00	54.33 1.27 0.00	58.10 1.20 0.00	65.90 0.91 0.00	90.10 1.68 0.00	105.94 2.08 0.00	108.88 2.24 -0.05	99.66 1.67 0.00	81.60 1.59 -0.63	58.09 1.19 0.00	50.34 0.99 0.00	45.26 1.15 0.00	37.38 1.05 0.00
GINNA___ 23603	32.55 -1.01 0.00	29.05 -1.02 -0.09	27.87 -1.19 -0.06	26.00 -1.13 -0.26	25.61 -1.11 -0.27	27.92 -1.20 0.00	28.45 -1.34 0.00	31.12 -1.47 0.00	33.60 -1.55 0.00	39.86 -1.62 0.00	45.78 -1.22 0.00	48.60 -0.89 0.00	52.36 -0.69 0.00	56.11 -0.80 0.00	64.34 -0.65 0.00	87.00 -1.42 0.00	101.37 -2.49 0.00	103.73 -2.87 -0.01	95.54 -2.45 0.00	77.87 -1.51 0.00	56.27 -0.62 0.00	48.81 -0.54 0.00	43.01 -1.10 0.00	35.78 -0.54 0.00
GLEN PARK___ 23778	34.23 0.67 0.00	29.98 0.00 0.00	28.91 -0.09 0.00	26.76 -0.11 0.00	26.40 -0.13 -0.08	28.92 -0.20 0.00	29.76 -0.03 0.00	32.52 -0.07 0.00	35.01 -0.14 0.00	42.05 0.58 0.00	47.87 0.80 -0.07	50.73 1.24 0.00	54.65 1.22 -0.37	59.00 1.48 -0.62	67.99 2.08 -0.92	95.06 2.47 -4.17	112.01 3.11 -5.03	115.23 3.19 -5.44	106.81 4.31 -4.51	85.66 3.81 -2.47	60.21 3.13 -0.19	51.77 2.42 0.00	45.83 1.72 0.00	37.67 1.34 0.00
GLENDALE_27_KV_LOAD 356172	35.84 2.28 0.00	33.05 2.22 -0.86	31.65 2.09 -0.56	31.34 1.96 -2.50	30.87 1.93 -2.49	31.25 2.13 0.00	32.08 2.29 0.00	35.20 2.61 0.00	38.59 2.78 -0.67	44.36 2.86 -0.02	49.40 2.40 0.00	51.86 2.38 0.00	55.60 2.55 0.00	56.56 2.79 3.13	60.50 3.05 7.55	93.81 5.39 0.00	110.72 6.85 0.00	113.57 6.93 -0.05	84.52 5.29 18.77	59.30 3.49 23.57	52.50 1.88 6.28	47.90 1.58 3.03	46.14 2.03 0.00	38.28 1.96 0.00

GLENWOOD_IC_1_G5 23712	45.61 2.21 -9.83	39.58 2.16 -7.45	36.11 2.26 -4.85	31.50 2.12 -2.51	31.00 2.06 -2.49	31.57 2.33 -0.12	32.20 2.41 0.00	35.29 2.70 0.00	38.74 2.92 -0.67	44.61 2.99 -0.15	49.35 2.35 0.00	51.86 2.38 0.00	55.76 2.71 0.00	59.92 3.02 0.00	68.64 3.25 -0.39	93.90 5.48 0.00	110.82 6.96 0.00	113.68 7.04 -0.05	103.47 5.49 0.00	84.22 3.65 -1.19	59.00 2.11 0.00	51.07 1.73 0.00	46.28 2.16 0.00	42.36 2.25 -3.79
GLENWOOD_IC_2_G1 23688	45.64 2.25 -9.83	39.55 2.13 -7.45	35.90 2.06 -4.85	31.28 1.91 -2.51	30.82 1.88 -2.49	31.36 2.12 -0.12	32.08 2.29 0.00	35.06 2.48 0.00	38.46 2.64 -0.67	44.40 2.78 -0.15	49.21 2.21 0.00	51.72 2.23 0.00	55.55 2.49 0.00	59.58 2.68 0.00	68.32 2.93 -0.40	93.46 5.04 0.00	110.30 6.44 0.00	113.26 6.61 -0.05	103.08 5.09 0.00	83.99 3.41 -1.19	58.83 1.94 0.00	50.98 1.63 0.00	46.14 2.03 0.00	42.15 2.03 -3.79
GLENWOOD_IC_3_G1 23689	45.64 2.25 -9.83	39.55 2.13 -7.45	35.90 2.06 -4.85	31.28 1.91 -2.51	30.82 1.88 -2.49	31.36 2.12 -0.12	32.08 2.29 0.00	35.06 2.48 0.00	38.46 2.64 -0.67	44.40 2.78 -0.15	49.21 2.21 0.00	51.72 2.23 0.00	55.55 2.49 0.00	59.58 2.68 0.00	68.32 2.93 -0.40	93.46 5.04 0.00	110.30 6.44 0.00	113.26 6.61 -0.05	103.08 5.09 0.00	83.99 3.41 -1.19	58.83 1.94 0.00	50.98 1.63 0.00	46.14 2.03 0.00	42.15 2.03 -3.79
GLENWOOD___4 23550	45.68 2.28 -9.83	39.67 2.25 -7.45	36.11 2.26 -4.85	31.50 2.12 -2.51	31.00 2.06 -2.49	31.57 2.33 -0.12	32.20 2.41 0.00	35.29 2.70 0.00	38.74 2.92 -0.67	44.69 3.07 -0.15	49.40 2.40 0.00	51.91 2.42 0.00	55.81 2.76 0.00	59.97 3.07 0.00	68.70 3.31 -0.39	94.08 5.66 0.00	110.92 7.06 0.00	113.90 7.25 -0.05	103.57 5.59 0.00	84.30 3.73 -1.19	59.05 2.16 0.00	51.12 1.78 0.00	46.32 2.21 0.00	42.40 2.29 -3.79
GLENWOOD___5 23614	45.68 2.28 -9.83	39.67 2.25 -7.45	36.11 2.26 -4.85	31.50 2.12 -2.51	31.00 2.06 -2.49	31.57 2.33 -0.12	32.20 2.41 0.00	35.29 2.70 0.00	38.74 2.92 -0.67	44.69 3.07 -0.15	49.40 2.40 0.00	51.91 2.42 0.00	55.81 2.76 0.00	59.97 3.07 0.00	68.70 3.31 -0.39	94.08 5.66 0.00	110.92 7.06 0.00	113.90 7.25 -0.05	103.57 5.59 0.00	84.30 3.73 -1.19	59.05 2.16 0.00	51.12 1.78 0.00	46.32 2.21 0.00	42.40 2.29 -3.79
GLOBAL GREEN_PORT_GT1 23814	48.49 5.10 -9.83	42.22 4.80 -7.45	38.34 4.49 -4.85	33.40 4.03 -2.51	32.88 3.94 -2.49	33.66 4.42 -0.12	34.53 4.74 0.00	37.71 5.12 0.00	41.30 5.48 -0.67	48.01 6.38 -0.15	52.74 5.73 0.00	59.31 5.64 -4.18	68.70 6.79 -8.85	64.02 7.11 0.00	73.45 8.06 -0.40	100.54 12.11 0.00	144.55 14.65 -26.03	181.79 14.81 -60.38	157.35 12.65 -46.71	130.55 9.36 -41.80	85.93 6.26 -22.77	57.20 5.13 -2.72	50.25 5.47 -0.67	45.75 5.63 -3.80
GLOBE___DSASP 323697	33.63 0.07 0.00	30.22 0.12 -0.12	28.99 -0.09 -0.08	27.01 -0.21 -0.36	26.60 -0.21 -0.36	28.74 -0.38 0.00	29.43 -0.36 0.00	31.25 -1.34 0.00	33.57 -1.58 0.00	39.57 -1.91 0.00	45.45 -1.55 0.00	48.40 -1.09 0.00	52.10 -0.95 0.00	55.60 -1.31 0.00	64.08 -0.91 0.00	85.50 -2.92 0.00	99.81 -4.05 0.00	102.02 -4.58 -0.01	94.17 -3.82 0.00	76.84 -2.54 0.00	56.61 -0.28 0.00	49.30 -0.05 0.00	43.01 -1.10 0.00	36.65 0.33 0.00
GOETHSLN___LBMP 323567	31.89 1.68 3.35	32.08 1.71 -0.39	31.18 1.62 -0.55	30.90 1.53 -2.50	30.45 1.51 -2.49	30.83 1.72 0.01	31.64 1.85 0.00	31.21 2.09 3.46	31.48 2.25 5.91	33.56 2.32 10.24	33.87 1.93 15.06	33.82 1.83 17.50	34.89 2.07 20.23	59.13 2.22 0.00	39.21 2.40 28.19	92.93 4.51 0.00	109.68 5.82 0.00	72.56 5.97 40.01	102.30 4.31 0.00	43.83 2.70 38.25	36.83 1.37 21.44	34.63 1.14 15.86	33.88 1.59 11.82	33.15 1.45 4.62
GOLAH___69_KV_TB 1_2 80279	34.80 1.24 0.00	30.97 0.90 -0.10	29.67 0.61 -0.06	27.63 0.48 -0.28	27.16 0.42 -0.29	29.50 0.38 0.00	30.27 0.48 0.00	32.82 0.23 0.00	35.29 0.14 0.00	41.89 0.41 0.00	48.13 1.13 0.00	51.22 1.73 0.00	55.12 2.07 0.00	58.95 2.05 0.00	67.79 2.79 0.00	91.16 2.74 0.00	105.94 2.08 0.00	107.99 1.39 -0.01	99.75 1.76 0.00	81.29 1.91 0.00	59.12 2.22 0.00	51.42 2.07 0.00	45.08 0.97 0.00	37.92 1.60 0.00
GOODYEAR_LAKE_HYD 323669	35.37 1.81 0.00	32.45 1.47 -1.00	31.11 1.45 -0.66	31.20 1.40 -2.93	29.01 1.30 -1.26	30.66 1.54 0.00	31.40 1.61 0.00	34.25 1.66 0.00	36.94 1.79 0.00	43.88 2.41 0.00	49.74 2.73 -0.01	52.41 2.92 0.00	56.30 3.18 -0.07	60.48 3.47 -0.11	69.61 3.90 -0.71	94.54 5.39 -0.73	111.07 6.34 -0.88	114.11 6.50 -1.01	105.15 6.37 -0.79	89.55 5.00 -5.17	60.63 3.70 -0.03	52.46 3.11 0.00	46.72 2.60 0.00	38.50 2.18 0.00
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	34.40 0.84 0.00	30.86 0.60 -0.28	29.71 0.52 -0.19	28.15 0.46 -0.83	27.50 0.29 -0.76	29.61 0.50 0.00	30.33 0.54 0.00	32.98 0.39 0.00	35.45 0.35 0.05	42.05 0.58 0.00	47.92 0.89 -0.03	50.58 1.09 0.00	54.54 1.33 -0.16	58.65 1.48 -0.27	67.14 1.75 -0.40	92.42 2.21 -1.79	108.41 2.39 -2.16	111.40 2.45 -2.36	102.28 2.35 -1.94	82.96 1.98 -1.60	58.74 1.76 -0.08	50.83 1.48 0.00	45.04 0.93 0.00	37.38 1.05 0.00
GOUDEY___7 23579	34.43 0.87 0.00	30.89 0.63 -0.28	29.73 0.55 -0.19	28.18 0.48 -0.83	27.53 0.32 -0.76	29.64 0.52 0.00	30.36 0.57 0.00	33.01 0.42 0.00	35.48 0.39 0.05	42.09 0.62 0.00	47.97 0.94 -0.03	50.63 1.14 0.00	54.65 1.43 -0.16	58.76 1.59 -0.27	67.27 1.88 -0.40	92.51 2.30 -1.79	108.62 2.60 -2.16	111.51 2.56 -2.36	102.38 2.45 -1.94	83.04 2.06 -1.60	58.85 1.88 -0.08	50.88 1.53 0.00	45.08 0.97 0.00	37.45 1.13 0.00
GOUDEY___8 23580	34.40 0.84 0.00	30.86 0.60 -0.28	29.71 0.52 -0.19	28.15 0.46 -0.83	27.50 0.29 -0.76	29.61 0.50 0.00	30.33 0.54 0.00	32.98 0.39 0.00	35.45 0.35 0.05	42.05 0.58 0.00	47.92 0.89 -0.03	50.58 1.09 0.00	54.54 1.33 -0.16	58.65 1.48 -0.27	67.14 1.75 -0.40	92.42 2.21 -1.79	108.41 2.39 -2.16	111.40 2.45 -2.36	102.28 2.35 -1.94	82.96 1.98 -1.60	58.74 1.76 -0.08	50.83 1.48 0.00	45.04 0.93 0.00	37.38 1.05 0.00
GOWANUS_GT1_1 24077	35.81 2.25 0.00	33.02 2.19 -0.86	31.62 2.06 -0.56	31.34 1.96 -2.50	30.90 1.96 -2.50	31.19 2.07 0.00	31.99 2.20 0.00	35.10 2.51 0.00	38.56 2.74 -0.67	44.23 2.74 -0.02	49.21 2.21 0.00	51.72 2.23 0.00	55.44 2.39 0.00	67.05 2.73 -7.42	86.97 2.92 -19.05	93.69 5.22 -0.06	110.51 6.65 0.00	113.36 6.72 -0.05	103.08 5.10 0.01	72.55 3.25 10.09	73.38 1.76 -14.72	47.80 1.48 3.03	46.01 1.90 0.00	38.25 1.93 0.00
GOWANUS_GT1_2 24078	35.81 2.25 0.00	33.02 2.19 -0.86	31.62 2.06 -0.56	31.34 1.96 -2.50	30.90 1.96 -2.50	31.19 2.07 0.00	31.99 2.20 0.00	35.10 2.51 0.00	38.56 2.74 -0.67	44.23 2.74 -0.02	49.21 2.21 0.00	51.72 2.23 0.00	55.44 2.39 0.00	67.05 2.73 -7.42	86.97 2.92 -19.05	93.69 5.22 -0.06	110.51 6.65 0.00	113.36 6.72 -0.05	103.08 5.10 0.01	72.55 3.25 10.09	73.38 1.76 -14.72	47.80 1.48 3.03	46.01 1.90 0.00	38.25 1.93 0.00

GOWANUS_GT1_3 24079	35.81 2.25 0.00	33.02 2.19 -0.86	31.62 2.06 -0.56	31.34 1.96 -2.50	30.90 1.96 -2.50	31.19 2.07 0.00	31.99 2.20 0.00	35.10 2.51 0.00	38.56 2.74 -0.67	44.23 2.74 -0.02	49.21 2.21 0.00	51.72 2.23 0.00	55.44 2.39 0.00	67.05 2.73 -7.42	86.97 2.92 -19.05	93.69 5.22 -0.06	110.51 6.65 0.00	113.36 6.72 -0.05	103.08 5.10 0.01	72.55 3.25 10.09	73.38 1.76 -14.72	47.80 1.48 3.03	46.01 1.90 0.00	38.25 1.93 0.00
GOWANUS_GT1_4 24080	35.81 2.25 0.00	33.02 2.19 -0.86	31.62 2.06 -0.56	31.34 1.96 -2.50	30.90 1.96 -2.50	31.19 2.07 0.00	31.99 2.20 0.00	35.10 2.51 0.00	38.56 2.74 -0.67	44.23 2.74 -0.02	49.21 2.21 0.00	51.72 2.23 0.00	55.44 2.39 0.00	67.05 2.73 -7.42	86.97 2.92 -19.05	93.69 5.22 -0.06	110.51 6.65 0.00	113.36 6.72 -0.05	103.08 5.10 0.01	72.55 3.25 10.09	73.38 1.76 -14.72	47.80 1.48 3.03	46.01 1.90 0.00	38.25 1.93 0.00
GOWANUS_GT1_5 24084	35.81 2.25 0.00	33.02 2.19 -0.86	31.62 2.06 -0.56	31.34 1.96 -2.50	30.90 1.96 -2.50	31.19 2.07 0.00	31.99 2.20 0.00	35.10 2.51 0.00	38.56 2.74 -0.67	44.23 2.74 -0.02	49.21 2.21 0.00	51.72 2.23 0.00	55.44 2.39 0.00	67.05 2.73 -7.42	86.97 2.92 -19.05	93.69 5.22 -0.06	110.51 6.65 0.00	113.36 6.72 -0.05	103.08 5.10 0.01	72.55 3.25 10.09	73.38 1.76 -14.72	47.80 1.48 3.03	46.01 1.90 0.00	38.25 1.93 0.00
GOWANUS_GT1_6 24111	35.81 2.25 0.00	33.02 2.19 -0.86	31.62 2.06 -0.56	31.34 1.96 -2.50	30.90 1.96 -2.50	31.19 2.07 0.00	31.99 2.20 0.00	35.10 2.51 0.00	38.56 2.74 -0.67	44.23 2.74 -0.02	49.21 2.21 0.00	51.72 2.23 0.00	55.44 2.39 0.00	67.05 2.73 -7.42	86.97 2.92 -19.05	93.69 5.22 -0.06	110.51 6.65 0.00	113.36 6.72 -0.05	103.08 5.10 0.01	72.55 3.25 10.09	73.38 1.76 -14.72	47.80 1.48 3.03	46.01 1.90 0.00	38.25 1.93 0.00
GOWANUS_GT1_7 24112	35.81 2.25 0.00	33.02 2.19 -0.86	31.62 2.06 -0.56	31.34 1.96 -2.50	30.90 1.96 -2.50	31.19 2.07 0.00	31.99 2.20 0.00	35.10 2.51 0.00	38.56 2.74 -0.67	44.23 2.74 -0.02	49.21 2.21 0.00	51.72 2.23 0.00	55.44 2.39 0.00	67.05 2.73 -7.42	86.97 2.92 -19.05	93.69 5.22 -0.06	110.51 6.65 0.00	113.36 6.72 -0.05	103.08 5.10 0.01	72.55 3.25 10.09	73.38 1.76 -14.72	47.80 1.48 3.03	46.01 1.90 0.00	38.25 1.93 0.00
GOWANUS_GT1_8 24113	35.81 2.25 0.00	33.02 2.19 -0.86	31.62 2.06 -0.56	31.34 1.96 -2.50	30.90 1.96 -2.50	31.19 2.07 0.00	31.99 2.20 0.00	35.10 2.51 0.00	38.56 2.74 -0.67	44.23 2.74 -0.02	49.21 2.21 0.00	51.72 2.23 0.00	55.44 2.39 0.00	67.05 2.73 -7.42	86.97 2.92 -19.05	93.69 5.22 -0.06	110.51 6.65 0.00	113.36 6.72 -0.05	103.08 5.10 0.01	72.55 3.25 10.09	73.38 1.76 -14.72	47.80 1.48 3.03	46.01 1.90 0.00	38.25 1.93 0.00
GOWANUS_GT2_1 24114	35.91 2.35 0.00	33.02 2.19 -0.86	31.65 2.09 -0.56	31.33 1.96 -2.50	30.90 1.96 -2.50	31.30 2.19 0.00	32.03 2.24 0.00	35.13 2.54 0.00	38.56 2.74 -0.67	44.23 2.74 -0.02	49.21 2.21 0.00	51.72 2.23 0.00	55.45 2.39 0.00	67.00 2.68 -7.42	86.97 2.93 -19.05	93.69 5.22 -0.06	110.52 6.65 0.00	113.36 6.72 -0.05	103.07 5.09 0.01	72.55 3.26 10.09	73.39 1.77 -14.72	47.80 1.48 3.03	46.01 1.90 0.00	38.25 1.92 0.00
GOWANUS_GT2_2 24115	35.91 2.35 0.00	33.02 2.19 -0.86	31.65 2.09 -0.56	31.33 1.96 -2.50	30.90 1.96 -2.50	31.30 2.19 0.00	32.03 2.24 0.00	35.13 2.54 0.00	38.56 2.74 -0.67	44.23 2.74 -0.02	49.21 2.21 0.00	51.72 2.23 0.00	55.45 2.39 0.00	67.00 2.68 -7.42	86.97 2.93 -19.05	93.69 5.22 -0.06	110.52 6.65 0.00	113.36 6.72 -0.05	103.07 5.09 0.01	72.55 3.26 10.09	73.39 1.77 -14.72	47.80 1.48 3.03	46.01 1.90 0.00	38.25 1.92 0.00
GOWANUS_GT2_3 24116	35.91 2.35 0.00	33.02 2.19 -0.86	31.65 2.09 -0.56	31.33 1.96 -2.50	30.90 1.96 -2.50	31.30 2.19 0.00	32.03 2.24 0.00	35.13 2.54 0.00	38.56 2.74 -0.67	44.23 2.74 -0.02	49.21 2.21 0.00	51.72 2.23 0.00	55.45 2.39 0.00	67.00 2.68 -7.42	86.97 2.93 -19.05	93.69 5.22 -0.06	110.52 6.65 0.00	113.36 6.72 -0.05	103.07 5.09 0.01	72.55 3.26 10.09	73.39 1.77 -14.72	47.80 1.48 3.03	46.01 1.90 0.00	38.25 1.92 0.00
GOWANUS_GT2_4 24117	35.91 2.35 0.00	33.02 2.19 -0.86	31.65 2.09 -0.56	31.33 1.96 -2.50	30.90 1.96 -2.50	31.30 2.19 0.00	32.03 2.24 0.00	35.13 2.54 0.00	38.56 2.74 -0.67	44.23 2.74 -0.02	49.21 2.21 0.00	51.72 2.23 0.00	55.45 2.39 0.00	67.00 2.68 -7.42	86.97 2.93 -19.05	93.69 5.22 -0.06	110.52 6.65 0.00	113.36 6.72 -0.05	103.07 5.09 0.01	72.55 3.26 10.09	73.39 1.77 -14.72	47.80 1.48 3.03	46.01 1.90 0.00	38.25 1.92 0.00
GOWANUS_GT2_5 24118	35.91 2.35 0.00	33.02 2.19 -0.86	31.65 2.09 -0.56	31.33 1.96 -2.50	30.90 1.96 -2.50	31.30 2.19 0.00	32.03 2.24 0.00	35.13 2.54 0.00	38.56 2.74 -0.67	44.23 2.74 -0.02	49.21 2.21 0.00	51.72 2.23 0.00	55.45 2.39 0.00	67.00 2.68 -7.42	86.97 2.93 -19.05	93.69 5.22 -0.06	110.52 6.65 0.00	113.36 6.72 -0.05	103.07 5.09 0.01	72.55 3.26 10.09	73.39 1.77 -14.72	47.80 1.48 3.03	46.01 1.90 0.00	38.25 1.92 0.00
GOWANUS_GT2_6 24119	35.91 2.35 0.00	33.02 2.19 -0.86	31.65 2.09 -0.56	31.33 1.96 -2.50	30.90 1.96 -2.50	31.30 2.19 0.00	32.03 2.24 0.00	35.13 2.54 0.00	38.56 2.74 -0.67	44.23 2.74 -0.02	49.21 2.21 0.00	51.72 2.23 0.00	55.45 2.39 0.00	67.00 2.68 -7.42	86.97 2.93 -19.05	93.69 5.22 -0.06	110.52 6.65 0.00	113.36 6.72 -0.05	103.07 5.09 0.01	72.55 3.26 10.09	73.39 1.77 -14.72	47.80 1.48 3.03	46.01 1.90 0.00	38.25 1.92 0.00
GOWANUS_GT2_7 24120	35.91 2.35 0.00	33.02 2.19 -0.86	31.65 2.09 -0.56	31.33 1.96 -2.50	30.90 1.96 -2.50	31.30 2.19 0.00	32.03 2.24 0.00	35.13 2.54 0.00	38.56 2.74 -0.67	44.23 2.74 -0.02	49.21 2.21 0.00	51.72 2.23 0.00	55.45 2.39 0.00	67.00 2.68 -7.42	86.97 2.93 -19.05	93.69 5.22 -0.06	110.52 6.65 0.00	113.36 6.72 -0.05	103.07 5.09 0.01	72.55 3.26 10.09	73.39 1.77 -14.72	47.80 1.48 3.03	46.01 1.90 0.00	38.25 1.92 0.00
GOWANUS_GT2_8 24121	35.91 2.35 0.00	33.02 2.19 -0.86	31.65 2.09 -0.56	31.33 1.96 -2.50	30.90 1.96 -2.50	31.30 2.19 0.00	32.03 2.24 0.00	35.13 2.54 0.00	38.56 2.74 -0.67	44.23 2.74 -0.02	49.21 2.21 0.00	51.72 2.23 0.00	55.45 2.39 0.00	67.00 2.68 -7.42	86.97 2.93 -19.05	93.69 5.22 -0.06	110.52 6.65 0.00	113.36 6.72 -0.05	103.07 5.09 0.01	72.55 3.26 10.09	73.39 1.77 -14.72	47.80 1.48 3.03	46.01 1.90 0.00	38.25 1.92 0.00
GOWANUS_GT3_1 24122	35.91 2.35 0.00	33.02 2.19 -0.86	31.65 2.09 -0.56	31.33 1.96 -2.50	30.90 1.96 -2.50	31.30 2.19 0.00	32.03 2.24 0.00	35.13 2.54 0.00	38.56 2.74 -0.67	44.23 2.74 -0.02	49.21 2.21 0.00	51.72 2.23 0.00	55.45 2.39 0.00	67.00 2.68 -7.42	86.97 2.93 -19.05	93.69 5.22 -0.06	110.52 6.65 0.00	113.36 6.72 -0.05	103.07 5.09 0.01	72.55 3.26 10.09	73.39 1.77 -14.72	47.80 1.48 3.03	46.01 1.90 0.00	38.25 1.92 0.00

GOWANUS_GT3_2 24123	35.91 2.35 0.00	33.02 2.19 -0.86	31.65 2.09 -0.56	31.33 1.96 -2.50	30.90 1.96 -2.50	31.30 2.19 0.00	32.03 2.24 0.00	35.13 2.54 0.00	38.56 2.74 -0.67	44.23 2.74 -0.02	49.21 2.21 0.00	51.72 2.23 0.00	55.45 2.39 0.00	67.00 2.68 -7.42	86.97 2.93 -19.05	93.69 5.22 -0.06	110.52 6.65 0.00	113.36 6.72 -0.05	103.07 5.09 0.01	72.55 3.26 10.09	73.39 1.77 -14.72	47.80 1.48 3.03	46.01 1.90 0.00	38.25 1.92 0.00
GOWANUS_GT3_3 24124	35.91 2.35 0.00	33.02 2.19 -0.86	31.65 2.09 -0.56	31.33 1.96 -2.50	30.90 1.96 -2.50	31.30 2.19 0.00	32.03 2.24 0.00	35.13 2.54 0.00	38.56 2.74 -0.67	44.23 2.74 -0.02	49.21 2.21 0.00	51.72 2.23 0.00	55.45 2.39 0.00	67.00 2.68 -7.42	86.97 2.93 -19.05	93.69 5.22 -0.06	110.52 6.65 0.00	113.36 6.72 -0.05	103.07 5.09 0.01	72.55 3.26 10.09	73.39 1.77 -14.72	47.80 1.48 3.03	46.01 1.90 0.00	38.25 1.92 0.00
GOWANUS_GT3_4 24125	35.91 2.35 0.00	33.02 2.19 -0.86	31.65 2.09 -0.56	31.33 1.96 -2.50	30.90 1.96 -2.50	31.30 2.19 0.00	32.03 2.24 0.00	35.13 2.54 0.00	38.56 2.74 -0.67	44.23 2.74 -0.02	49.21 2.21 0.00	51.72 2.23 0.00	55.45 2.39 0.00	67.00 2.68 -7.42	86.97 2.93 -19.05	93.69 5.22 -0.06	110.52 6.65 0.00	113.36 6.72 -0.05	103.07 5.09 0.01	72.55 3.26 10.09	73.39 1.77 -14.72	47.80 1.48 3.03	46.01 1.90 0.00	38.25 1.92 0.00
GOWANUS_GT3_5 24126	35.91 2.35 0.00	33.02 2.19 -0.86	31.65 2.09 -0.56	31.33 1.96 -2.50	30.90 1.96 -2.50	31.30 2.19 0.00	32.03 2.24 0.00	35.13 2.54 0.00	38.56 2.74 -0.67	44.23 2.74 -0.02	49.21 2.21 0.00	51.72 2.23 0.00	55.45 2.39 0.00	67.00 2.68 -7.42	86.97 2.93 -19.05	93.69 5.22 -0.06	110.52 6.65 0.00	113.36 6.72 -0.05	103.07 5.09 0.01	72.55 3.26 10.09	73.39 1.77 -14.72	47.80 1.48 3.03	46.01 1.90 0.00	38.25 1.92 0.00
GOWANUS_GT3_6 24127	35.91 2.35 0.00	33.02 2.19 -0.86	31.65 2.09 -0.56	31.33 1.96 -2.50	30.90 1.96 -2.50	31.30 2.19 0.00	32.03 2.24 0.00	35.13 2.54 0.00	38.56 2.74 -0.67	44.23 2.74 -0.02	49.21 2.21 0.00	51.72 2.23 0.00	55.45 2.39 0.00	67.00 2.68 -7.42	86.97 2.93 -19.05	93.69 5.22 -0.06	110.52 6.65 0.00	113.36 6.72 -0.05	103.07 5.09 0.01	72.55 3.26 10.09	73.39 1.77 -14.72	47.80 1.48 3.03	46.01 1.90 0.00	38.25 1.92 0.00
GOWANUS_GT3_7 24128	35.91 2.35 0.00	33.02 2.19 -0.86	31.65 2.09 -0.56	31.33 1.96 -2.50	30.90 1.96 -2.50	31.30 2.19 0.00	32.03 2.24 0.00	35.13 2.54 0.00	38.56 2.74 -0.67	44.23 2.74 -0.02	49.21 2.21 0.00	51.72 2.23 0.00	55.45 2.39 0.00	67.00 2.68 -7.42	86.97 2.93 -19.05	93.69 5.22 -0.06	110.52 6.65 0.00	113.36 6.72 -0.05	103.07 5.09 0.01	72.55 3.26 10.09	73.39 1.77 -14.72	47.80 1.48 3.03	46.01 1.90 0.00	38.25 1.92 0.00
GOWANUS_GT3_8 24129	35.91 2.35 0.00	33.02 2.19 -0.86	31.65 2.09 -0.56	31.33 1.96 -2.50	30.90 1.96 -2.50	31.30 2.19 0.00	32.03 2.24 0.00	35.13 2.54 0.00	38.56 2.74 -0.67	44.23 2.74 -0.02	49.21 2.21 0.00	51.72 2.23 0.00	55.45 2.39 0.00	67.00 2.68 -7.42	86.97 2.93 -19.05	93.69 5.22 -0.06	110.52 6.65 0.00	113.36 6.72 -0.05	103.07 5.09 0.01	72.55 3.26 10.09	73.39 1.77 -14.72	47.80 1.48 3.03	46.01 1.90 0.00	38.25 1.92 0.00
GOWANUS_GT4_1 24130	35.81 2.25 0.00	33.02 2.19 -0.86	31.62 2.06 -0.56	31.34 1.96 -2.50	30.90 1.96 -2.50	31.19 2.07 0.00	31.99 2.20 0.00	35.10 2.51 0.00	38.56 2.74 -0.67	44.23 2.74 -0.02	49.21 2.21 0.00	51.72 2.23 0.00	55.44 2.39 0.00	67.05 2.73 -7.42	86.97 2.92 -19.05	93.69 5.22 -0.06	110.51 6.65 0.00	113.36 6.72 -0.05	103.08 5.10 0.01	72.55 3.25 10.09	73.38 1.76 -14.72	47.80 1.48 3.03	46.01 1.90 0.00	38.25 1.93 0.00
GOWANUS_GT4_2 24131	35.81 2.25 0.00	33.02 2.19 -0.86	31.62 2.06 -0.56	31.34 1.96 -2.50	30.90 1.96 -2.50	31.19 2.07 0.00	31.99 2.20 0.00	35.10 2.51 0.00	38.56 2.74 -0.67	44.23 2.74 -0.02	49.21 2.21 0.00	51.72 2.23 0.00	55.44 2.39 0.00	67.05 2.73 -7.42	86.97 2.92 -19.05	93.69 5.22 -0.06	110.51 6.65 0.00	113.36 6.72 -0.05	103.08 5.10 0.01	72.55 3.25 10.09	73.38 1.76 -14.72	47.80 1.48 3.03	46.01 1.90 0.00	38.25 1.93 0.00
GOWANUS_GT4_3 24132	35.81 2.25 0.00	33.02 2.19 -0.86	31.62 2.06 -0.56	31.34 1.96 -2.50	30.90 1.96 -2.50	31.19 2.07 0.00	31.99 2.20 0.00	35.10 2.51 0.00	38.56 2.74 -0.67	44.23 2.74 -0.02	49.21 2.21 0.00	51.72 2.23 0.00	55.44 2.39 0.00	67.05 2.73 -7.42	86.97 2.92 -19.05	93.69 5.22 -0.06	110.51 6.65 0.00	113.36 6.72 -0.05	103.08 5.10 0.01	72.55 3.25 10.09	73.38 1.76 -14.72	47.80 1.48 3.03	46.01 1.90 0.00	38.25 1.93 0.00
GOWANUS_GT4_4 24133	35.81 2.25 0.00	33.02 2.19 -0.86	31.62 2.06 -0.56	31.34 1.96 -2.50	30.90 1.96 -2.50	31.19 2.07 0.00	31.99 2.20 0.00	35.10 2.51 0.00	38.56 2.74 -0.67	44.23 2.74 -0.02	49.21 2.21 0.00	51.72 2.23 0.00	55.44 2.39 0.00	67.05 2.73 -7.42	86.97 2.92 -19.05	93.69 5.22 -0.06	110.51 6.65 0.00	113.36 6.72 -0.05	103.08 5.10 0.01	72.55 3.25 10.09	73.38 1.76 -14.72	47.80 1.48 3.03	46.01 1.90 0.00	38.25 1.93 0.00
GOWANUS_GT4_5 24134	35.81 2.25 0.00	33.02 2.19 -0.86	31.62 2.06 -0.56	31.34 1.96 -2.50	30.90 1.96 -2.50	31.19 2.07 0.00	31.99 2.20 0.00	35.10 2.51 0.00	38.56 2.74 -0.67	44.23 2.74 -0.02	49.21 2.21 0.00	51.72 2.23 0.00	55.44 2.39 0.00	67.05 2.73 -7.42	86.97 2.92 -19.05	93.69 5.22 -0.06	110.51 6.65 0.00	113.36 6.72 -0.05	103.08 5.10 0.01	72.55 3.25 10.09	73.38 1.76 -14.72	47.80 1.48 3.03	46.01 1.90 0.00	38.25 1.93 0.00
GOWANUS_GT4_6 24135	35.81 2.25 0.00	33.02 2.19 -0.86	31.62 2.06 -0.56	31.34 1.96 -2.50	30.90 1.96 -2.50	31.19 2.07 0.00	31.99 2.20 0.00	35.10 2.51 0.00	38.56 2.74 -0.67	44.23 2.74 -0.02	49.21 2.21 0.00	51.72 2.23 0.00	55.44 2.39 0.00	67.05 2.73 -7.42	86.97 2.92 -19.05	93.69 5.22 -0.06	110.51 6.65 0.00	113.36 6.72 -0.05	103.08 5.10 0.01	72.55 3.25 10.09	73.38 1.76 -14.72	47.80 1.48 3.03	46.01 1.90 0.00	38.25 1.93 0.00
GOWANUS_GT4_7 24136	35.81 2.25 0.00	33.02 2.19 -0.86	31.62 2.06 -0.56	31.34 1.96 -2.50	30.90 1.96 -2.50	31.19 2.07 0.00	31.99 2.20 0.00	35.10 2.51 0.00	38.56 2.74 -0.67	44.23 2.74 -0.02	49.21 2.21 0.00	51.72 2.23 0.00	55.44 2.39 0.00	67.05 2.73 -7.42	86.97 2.92 -19.05	93.69 5.22 -0.06	110.51 6.65 0.00	113.36 6.72 -0.05	103.08 5.10 0.01	72.55 3.25 10.09	73.38 1.76 -14.72	47.80 1.48 3.03	46.01 1.90 0.00	38.25 1.93 0.00
GOWANUS_GT4_8 24137	35.81 2.25 0.00	33.02 2.19 -0.86	31.62 2.06 -0.56	31.34 1.96 -2.50	30.90 1.96 -2.50	31.19 2.07 0.00	31.99 2.20 0.00	35.10 2.51 0.00	38.56 2.74 -0.67	44.23 2.74 -0.02	49.21 2.21 0.00	51.72 2.23 0.00	55.44 2.39 0.00	67.05 2.73 -7.42	86.97 2.92 -19.05	93.69 5.22 -0.06	110.51 6.65 0.00	113.36 6.72 -0.05	103.08 5.10 0.01	72.55 3.25 10.09	73.38 1.76 -14.72	47.80 1.48 3.03	46.01 1.90 0.00	38.25 1.93 0.00

GREENBSH_115KV_TB3 55895	34.57 1.01 0.00	32.92 1.08 -1.86	31.32 1.10 -1.22	33.33 1.02 -5.43	31.36 0.98 -3.93	30.20 1.08 0.00	30.89 1.10 0.00	33.57 0.98 0.00	36.60 1.02 -0.43	42.56 1.08 -0.01	47.99 0.99 0.00	50.58 1.09 0.00	53.87 0.85 0.04	57.78 0.91 0.04	52.46 0.97 13.51	89.98 1.59 0.04	105.94 2.08 0.00	108.95 2.35 -0.01	99.62 1.67 0.04	89.45 1.35 -8.72	57.75 0.85 0.00	50.04 0.69 0.00	45.22 1.10 0.00	37.38 1.05 0.00
GREENDGE_115KV_TB5 80291	34.43 0.87 0.00	30.89 0.75 -0.16	29.66 0.55 -0.11	27.80 0.46 -0.47	27.25 0.34 -0.46	29.67 0.55 0.00	30.42 0.63 0.00	32.78 0.20 0.00	35.29 0.18 0.03	42.01 0.54 0.00	48.20 1.18 -0.02	51.02 1.53 0.00	55.20 2.02 -0.13	59.34 2.22 -0.22	68.18 2.86 -0.32	93.07 3.18 -1.47	109.37 3.74 -1.77	112.14 3.62 -1.92	103.30 3.72 -1.59	83.27 3.02 -0.87	59.75 2.79 -0.07	51.57 2.22 0.00	45.22 1.10 0.00	37.67 1.34 0.00
GREENIDGE___3 23582	34.43 0.87 0.00	30.89 0.75 -0.16	29.66 0.55 -0.11	27.80 0.46 -0.47	27.25 0.34 -0.46	29.67 0.55 0.00	30.42 0.63 0.00	32.78 0.20 0.00	35.29 0.18 0.03	42.01 0.54 0.00	48.20 1.18 -0.02	51.02 1.53 0.00	55.20 2.02 -0.13	59.34 2.22 -0.22	68.18 2.86 -0.32	93.07 3.18 -1.47	109.37 3.74 -1.77	112.14 3.62 -1.92	103.30 3.72 -1.59	83.27 3.02 -0.87	59.75 2.79 -0.07	51.57 2.22 0.00	45.22 1.10 0.00	37.67 1.34 0.00
GREENIDGE___4 23583	34.26 0.71 0.00	30.86 0.72 -0.16	29.63 0.52 -0.11	27.75 0.40 -0.47	27.23 0.32 -0.46	29.50 0.38 0.00	30.33 0.54 0.00	32.82 0.23 0.00	35.29 0.18 0.03	42.01 0.54 0.00	48.20 1.18 -0.02	51.02 1.54 0.00	55.20 2.02 -0.13	59.40 2.28 -0.22	68.17 2.86 -0.32	93.15 3.27 -1.46	109.35 3.73 -1.76	112.13 3.63 -1.91	103.29 3.72 -1.58	83.34 3.09 -0.86	59.75 2.79 -0.06	51.57 2.22 0.00	45.22 1.10 0.00	37.67 1.34 0.00
GREENLWN_69_KV_BK 3 55738	46.04 2.65 -9.83	40.03 2.61 -7.45	36.28 2.44 -4.85	31.61 2.23 -2.51	31.13 2.20 -2.49	31.71 2.48 -0.12	32.29 2.50 0.00	35.46 2.87 0.00	38.91 3.09 -0.67	44.94 3.32 -0.15	48.36 1.36 0.00	48.51 1.34 2.31	49.76 1.59 4.88	58.71 1.82 0.01	67.33 1.95 -0.39	92.21 3.80 0.01	103.09 4.99 5.76	94.99 5.22 16.83	91.38 3.72 10.33	73.74 2.14 7.79	51.54 1.02 6.38	49.48 0.74 0.61	45.56 1.63 0.19	42.40 2.29 -3.79
GREENWD_138_KV_38B11_REV_LBMP_J 345004	35.81 2.25 0.00	33.02 2.19 -0.86	31.62 2.06 -0.56	31.34 1.96 -2.50	30.90 1.96 -2.50	31.19 2.07 0.00	31.99 2.20 0.00	35.10 2.51 0.00	38.56 2.74 -0.67	44.23 2.74 -0.02	49.21 2.21 0.00	51.72 2.23 0.00	55.44 2.39 0.00	67.05 2.73 -7.42	86.97 2.92 -19.05	93.69 5.22 -0.06	110.51 6.65 0.00	113.36 6.72 -0.05	103.08 5.10 0.01	72.55 3.25 10.09	73.38 1.76 -14.72	47.80 1.48 3.03	46.01 1.90 0.00	38.25 1.93 0.00
GRISSOM___SOLAR 323813	38.02 4.46 0.00	36.48 3.93 -2.57	34.40 3.71 -1.69	37.80 3.41 -7.52	34.80 3.33 -5.02	32.70 3.58 0.00	33.66 3.87 0.00	36.69 4.11 0.00	39.91 4.43 -0.34	47.91 6.43 -0.01	54.47 7.47 0.00	57.31 7.82 0.00	61.33 8.27 -0.01	65.78 8.87 -0.01	78.02 11.05 -1.98	104.25 15.82 -0.01	123.28 19.42 0.00	123.17 16.41 -0.17	113.67 15.67 -0.01	108.28 13.09 -15.81	66.45 9.56 0.00	57.40 8.05 0.00	50.64 6.53 0.00	41.77 5.45 0.00
GROVEVILLE___HYD 323602	35.61 2.05 0.00	32.82 1.98 -0.87	31.48 1.91 -0.57	31.21 1.80 -2.54	30.68 1.72 -2.51	31.07 1.95 0.00	31.88 2.09 0.00	34.77 2.18 0.00	37.71 2.25 -0.32	43.93 2.45 -0.01	49.40 2.40 0.00	52.01 2.52 0.00	55.97 2.92 0.00	60.03 3.13 0.00	68.50 3.51 0.00	94.34 5.92 0.00	111.03 7.17 0.00	114.11 7.46 -0.05	104.06 6.08 0.00	85.01 4.37 -1.26	59.63 2.73 0.00	51.62 2.27 0.00	46.45 2.34 0.00	38.39 2.07 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	33.76 0.20 0.00	30.01 0.03 0.00	28.94 -0.06 0.00	26.82 -0.05 0.00	26.53 -0.08 -0.16	29.09 -0.03 0.00	29.76 -0.03 0.00	32.49 -0.10 0.00	35.04 -0.11 0.00	41.35 -0.12 0.00	47.22 0.14 -0.08	49.79 0.30 0.00	54.01 0.53 -0.43	58.24 0.63 -0.71	66.83 0.78 -1.05	94.15 0.97 -4.76	110.45 0.83 -5.75	113.46 0.64 -6.22	103.74 0.59 -5.16	82.68 0.48 -2.82	57.68 0.57 -0.21	49.79 0.44 0.00	44.20 0.09 0.00	36.69 0.36 0.00
HAMLTNNY_34_KV_TB 80303	33.93 0.37 0.00	30.24 0.18 -0.08	29.14 0.09 -0.05	27.19 0.08 -0.24	26.78 0.08 -0.25	29.24 0.12 0.00	29.94 0.15 0.00	32.69 0.10 0.00	35.25 0.11 0.00	41.68 0.21 0.00	47.65 0.56 -0.08	50.23 0.74 0.00	54.61 1.11 -0.44	58.83 1.20 -0.73	67.57 1.49 -1.08	95.18 1.86 -4.91	111.56 1.77 -5.93	114.72 1.71 -6.42	104.97 1.67 -5.32	83.72 1.43 -2.91	58.42 1.31 -0.22	50.39 1.04 0.00	44.64 0.53 0.00	36.98 0.65 0.00
HAMPSHIRE___PAPER_HYD 323593	33.39 -0.17 0.00	29.53 -0.45 0.00	28.48 -0.52 0.00	26.28 -0.59 0.00	25.81 -0.69 -0.04	28.25 -0.87 0.00	28.99 -0.80 0.00	31.84 -0.75 0.00	34.37 -0.77 0.00	40.93 -0.54 0.00	46.47 -0.56 -0.03	48.90 -0.59 0.00	52.36 -0.85 -0.16	56.49 -0.68 -0.26	64.86 -0.52 -0.39	89.04 -1.15 -1.77	104.76 -1.24 -2.14	106.99 -1.92 -2.31	99.42 -0.49 -1.92	80.19 -0.24 -1.05	56.81 -0.17 -0.08	49.15 -0.20 0.00	43.98 -0.13 0.00	36.21 -0.11 0.00
HARDSCRABBLE_WT_PWR 323673	33.63 0.07 0.00	29.95 -0.03 0.00	28.97 -0.03 0.00	26.84 -0.03 0.00	26.45 0.00 0.00	29.12 0.00 0.00	29.79 0.00 0.00	32.59 0.00 0.00	35.15 0.00 0.00	41.89 0.41 0.00	47.57 0.57 0.00	50.09 0.60 0.00	53.69 0.64 0.00	57.64 0.74 0.00	65.78 0.78 0.00	89.39 0.97 0.00	105.11 1.25 0.00	106.92 0.32 0.00	98.28 0.29 0.00	79.38 0.00 0.00	56.84 -0.06 0.00	49.30 -0.05 0.00	44.11 0.00 0.00	36.32 0.00 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	35.14 1.58 0.00	32.33 1.56 -0.79	31.05 1.54 -0.52	30.60 1.42 -2.31	30.12 1.38 -2.29	30.69 1.57 0.00	31.46 1.67 0.00	34.32 1.73 0.00	35.91 1.79 1.03	43.39 1.95 0.03	48.83 1.83 0.00	51.37 1.88 0.00	55.28 2.23 0.00	59.29 2.39 0.00	67.59 2.60 0.00	93.11 4.69 0.00	109.78 5.92 0.00	112.51 5.86 -0.05	102.50 4.51 0.00	83.57 3.10 -1.09	58.72 1.82 0.00	50.83 1.48 0.00	45.79 1.68 0.00	37.85 1.53 0.00
HARSNRAD_115KV_TB1 81005	34.36 0.81 0.00	30.40 0.30 -0.12	29.13 0.06 -0.08	27.14 -0.08 -0.35	26.62 -0.19 -0.35	28.95 -0.17 0.00	29.70 -0.09 0.00	31.84 -0.75 0.00	34.09 -1.05 0.00	40.23 -1.24 0.00	46.30 -0.71 0.00	49.29 -0.20 0.00	53.11 0.05 0.00	56.73 -0.17 0.00	65.32 0.32 0.00	87.18 -1.24 0.00	101.79 -2.08 0.00	103.94 -2.66 -0.01	95.93 -2.06 0.00	78.27 -1.11 0.00	57.69 0.80 0.00	50.14 0.79 0.00	43.76 -0.35 0.00	37.34 1.02 0.00
HARZA MOOSE___RIVER 24016	34.20 0.64 0.00	30.19 0.21 0.00	29.11 0.12 0.00	27.00 0.13 0.00	26.58 0.08 -0.05	29.24 0.12 0.00	30.00 0.21 0.00	32.88 0.29 0.00	35.46 0.32 0.00	42.35 0.87 0.00	48.15 1.13 -0.02	50.83 1.34 0.00	54.50 1.33 -0.12	58.81 1.71 -0.20	67.50 2.21 -0.30	92.51 2.74 -1.35	108.82 3.32 -1.63	111.02 2.66 -1.76	102.59 3.14 -1.46	82.80 2.62 -0.80	58.95 1.99 -0.06	50.93 1.58 0.00	45.35 1.24 0.00	37.30 0.98 0.00

HDSNBRDG_115KV_BRDG_TB1 355580	33.46 -0.10 0.00	29.77 -0.21 0.00	28.74 -0.26 0.00	26.60 -0.27 0.00	26.33 -0.26 -0.14	28.86 -0.26 0.00	29.55 -0.24 0.00	32.26 -0.33 0.00	34.80 -0.35 0.00	41.23 -0.25 0.00	47.04 0.00 -0.04	49.64 0.15 0.00	53.65 0.37 -0.23	57.74 0.46 -0.38	66.14 0.58 -0.56	91.67 0.71 -2.55	107.46 0.52 -3.08	110.24 0.32 -3.33	101.04 0.29 -2.76	81.13 0.24 -1.51	57.41 0.40 -0.11	49.60 0.25 0.00	44.03 -0.09 0.00	36.43 0.11 0.00
HELLGATE_13_KV_LD 55870	35.64 2.08 0.00	32.91 2.07 -0.86	31.51 1.94 -0.57	31.20 1.83 -2.50	30.74 1.80 -2.49	31.10 1.98 0.00	31.91 2.12 0.00	34.97 2.38 0.00	38.35 2.53 -0.67	44.06 2.57 -0.02	49.02 2.02 0.00	51.47 1.98 0.00	55.12 2.07 0.00	56.79 2.28 2.39	61.80 2.47 5.67	93.02 4.60 0.00	109.79 5.92 0.00	112.62 5.97 -0.05	90.94 4.41 11.46	68.68 2.78 13.48	53.53 1.42 4.79	48.66 1.18 1.88	45.79 1.68 0.00	38.03 1.71 0.00
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	35.64 2.08 0.00	32.91 2.07 -0.86	31.51 1.94 -0.57	31.20 1.83 -2.50	30.74 1.80 -2.49	31.10 1.98 0.00	31.91 2.12 0.00	34.97 2.38 0.00	38.35 2.53 -0.67	44.06 2.57 -0.02	49.02 2.02 0.00	51.47 1.98 0.00	55.12 2.07 0.00	56.79 2.28 2.39	61.80 2.47 5.67	93.02 4.60 0.00	109.79 5.92 0.00	112.62 5.97 -0.05	90.94 4.41 11.46	68.68 2.78 13.48	53.53 1.42 4.79	48.66 1.18 1.88	45.79 1.68 0.00	38.03 1.71 0.00
HEMPSTEAD____ 23647	45.88 2.48 -9.84	39.79 2.37 -7.45	36.11 2.26 -4.85	31.50 2.12 -2.51	31.03 2.09 -2.49	31.63 2.39 -0.12	32.35 2.56 0.00	35.33 2.74 0.00	38.73 2.92 -0.67	44.65 3.03 -0.15	48.97 1.97 0.00	51.47 1.98 0.01	55.33 2.28 0.00	59.40 2.50 0.00	68.05 2.67 -0.39	93.19 4.77 0.01	109.98 6.13 0.01	112.93 6.29 -0.05	102.69 4.70 0.01	83.58 3.02 -1.19	58.60 1.71 0.01	50.73 1.38 0.01	46.19 2.07 0.00	42.44 2.33 -3.79
HEWLETT__69_KV_BK3 55828	46.31 2.92 -9.83	40.21 2.79 -7.45	36.45 2.61 -4.85	31.79 2.42 -2.51	31.29 2.35 -2.49	31.89 2.65 -0.12	32.44 2.65 0.00	35.55 2.97 0.00	38.98 3.16 -0.67	44.86 3.23 -0.15	49.12 2.12 0.00	51.66 2.18 0.01	55.49 2.44 0.01	59.63 2.73 0.01	68.31 2.92 -0.39	93.54 5.13 0.01	110.50 6.65 0.01	113.36 6.72 -0.05	103.18 5.19 0.01	83.90 3.33 -1.19	58.77 1.88 0.01	50.92 1.58 0.01	46.41 2.29 0.00	42.69 2.58 -3.79
HICKLING___1 23621	35.14 1.58 0.00	31.36 1.17 -0.21	30.09 0.96 -0.14	28.27 0.78 -0.62	27.54 0.50 -0.59	30.02 0.90 0.00	30.74 0.95 0.00	33.76 1.17 0.00	36.27 1.16 0.04	43.09 1.62 0.00	49.56 2.54 -0.03	52.41 2.92 0.00	56.85 3.66 -0.14	61.23 4.10 -0.23	70.28 4.94 -0.34	95.89 5.92 -1.54	112.58 6.85 -1.87	115.66 7.04 -2.03	106.42 6.76 -1.67	85.77 5.48 -0.92	61.63 4.67 -0.07	53.15 3.80 0.00	46.63 2.51 0.00	38.87 2.54 0.00
HICKLING___2 23622	35.14 1.58 0.00	31.36 1.17 -0.21	30.09 0.96 -0.14	28.27 0.78 -0.62	27.54 0.50 -0.59	30.02 0.90 0.00	30.74 0.95 0.00	33.76 1.17 0.00	36.27 1.16 0.04	43.09 1.62 0.00	49.56 2.54 -0.03	52.41 2.92 0.00	56.85 3.66 -0.14	61.23 4.10 -0.23	70.28 4.94 -0.34	95.89 5.92 -1.54	112.58 6.85 -1.87	115.66 7.04 -2.03	106.42 6.76 -1.67	85.77 5.48 -0.92	61.63 4.67 -0.07	53.15 3.80 0.00	46.63 2.51 0.00	38.87 2.54 0.00
HIGH FALLS___HY 23754	35.07 1.51 0.00	32.35 1.44 -0.94	31.00 1.39 -0.61	30.92 1.32 -2.73	30.26 1.27 -2.54	30.63 1.51 0.00	31.34 1.55 0.00	34.12 1.53 0.00	36.80 1.62 -0.04	43.01 1.53 0.00	48.32 1.32 0.00	50.78 1.29 0.00	55.01 1.96 0.00	58.55 1.65 0.00	65.58 1.88 1.30	92.31 3.89 0.00	109.16 5.30 0.00	112.19 5.54 -0.05	102.30 4.31 0.00	84.16 2.78 -2.00	58.49 1.59 0.00	50.98 1.63 0.00	45.66 1.54 0.00	37.74 1.42 0.00
HILLBURN___GT 23639	35.03 1.47 0.00	32.22 1.44 -0.80	30.95 1.42 -0.53	30.56 1.34 -2.35	30.11 1.32 -2.33	30.60 1.48 0.00	31.43 1.64 0.00	34.31 1.73 0.00	35.91 1.79 1.03	43.44 1.99 0.03	48.74 1.74 0.00	51.22 1.73 0.00	55.02 1.96 0.00	59.01 2.11 0.00	67.27 2.27 0.00	92.58 4.16 0.00	109.16 5.29 0.00	111.66 5.01 -0.05	101.71 3.72 0.00	82.88 2.38 -1.11	58.21 1.31 0.00	50.39 1.04 0.00	45.48 1.37 0.00	37.56 1.24 0.00
HILLSIDE_115KV_TB1 80332	34.33 0.77 0.00	30.68 0.48 -0.22	29.49 0.35 -0.14	27.75 0.24 -0.64	27.01 -0.05 -0.61	29.38 0.26 0.00	30.09 0.30 0.00	32.65 0.07 0.00	35.11 0.00 0.04	41.68 0.21 0.00	47.73 0.71 -0.02	50.48 0.99 0.00	54.57 1.38 -0.14	58.67 1.54 -0.23	67.28 1.95 -0.34	91.88 1.95 -1.52	107.88 2.18 -1.83	110.72 2.13 -2.00	101.79 2.16 -1.65	82.11 1.83 -0.90	58.96 1.99 -0.07	50.93 1.58 0.00	44.86 0.75 0.00	37.41 1.09 0.00
HISHELDN_WT_PWR 323625	34.40 0.84 0.00	30.81 0.69 -0.15	29.53 0.44 -0.10	27.54 0.24 -0.43	26.79 -0.08 -0.42	29.06 -0.06 0.00	30.00 0.21 0.00	32.33 -0.26 0.00	34.83 -0.32 0.00	41.23 -0.25 0.00	47.37 0.37 0.00	50.38 0.89 0.00	54.33 1.27 0.00	58.21 1.31 0.00	66.88 1.89 0.00	89.57 1.15 0.00	104.69 0.83 0.00	107.03 0.43 -0.01	98.77 0.78 0.00	80.41 1.03 0.00	58.94 2.05 0.00	51.12 1.77 0.00	44.65 0.53 0.00	37.81 1.49 0.00
HOLTSVILLE_IC_1 23690	46.65 3.25 -9.83	40.63 3.21 -7.45	36.86 3.02 -4.85	32.09 2.71 -2.51	31.61 2.67 -2.49	32.30 3.06 -0.12	33.10 3.31 0.00	36.04 3.45 0.00	39.47 3.66 -0.67	45.44 3.81 -0.15	49.21 2.21 0.00	55.04 1.78 -3.77	63.43 2.39 -7.99	59.30 2.39 0.00	68.06 2.67 -0.40	93.19 4.77 0.00	135.45 6.02 -25.57	172.18 6.29 -59.30	148.66 4.80 -45.87	123.55 3.09 -41.08	81.13 1.87 -22.36	53.55 1.53 -2.67	47.33 2.56 -0.66	43.39 3.27 -3.80
HOLTSVILLE_IC_10 23699	46.99 3.59 -9.83	40.90 3.48 -7.45	37.09 3.25 -4.85	32.30 2.93 -2.51	31.80 2.86 -2.49	32.53 3.29 -0.12	33.36 3.57 0.00	36.33 3.75 0.00	39.79 3.97 -0.67	45.81 4.19 -0.15	49.64 2.63 -0.01	57.34 2.28 -5.58	67.77 2.92 -11.80	59.92 3.01 0.00	68.77 3.38 -0.40	94.17 5.74 0.00	138.25 7.16 -27.22	177.30 7.57 -63.13	152.81 5.98 -48.84	127.08 4.05 -43.66	83.21 2.50 -23.81	54.31 2.12 -2.84	47.82 3.00 -0.70	43.76 3.63 -3.80
HOLTSVILLE_IC_2 23691	46.65 3.25 -9.83	40.63 3.21 -7.45	36.86 3.02 -4.85	32.09 2.71 -2.51	31.61 2.67 -2.49	32.30 3.06 -0.12	33.10 3.31 0.00	36.04 3.45 0.00	39.47 3.66 -0.67	45.44 3.81 -0.15	49.21 2.21 0.00	55.04 1.78 -3.77	63.43 2.39 -7.99	59.30 2.39 0.00	68.06 2.67 -0.40	93.19 4.77 0.00	135.45 6.02 -25.57	172.18 6.29 -59.30	148.66 4.80 -45.87	123.55 3.09 -41.08	81.13 1.87 -22.36	53.55 1.53 -2.67	47.33 2.56 -0.66	43.39 3.27 -3.80
HOLTSVILLE_IC_3 23692	46.65 3.25 -9.83	40.63 3.21 -7.45	36.86 3.02 -4.85	32.09 2.71 -2.51	31.61 2.67 -2.49	32.30 3.06 -0.12	33.10 3.31 0.00	36.04 3.45 0.00	39.47 3.66 -0.67	45.44 3.81 -0.15	49.21 2.21 0.00	55.04 1.78 -3.77	63.43 2.39 -7.99	59.30 2.39 0.00	68.06 2.67 -0.40	93.19 4.77 0.00	135.45 6.02 -25.57	172.18 6.29 -59.30	148.66 4.80 -45.87	123.55 3.09 -41.08	81.13 1.87 -22.36	53.55 1.53 -2.67	47.33 2.56 -0.66	43.39 3.27 -3.80

HOLTSVILLE_IC_4 23693	46.65 3.25 -9.83	40.63 3.21 -7.45	36.86 3.02 -4.85	32.09 2.71 -2.51	31.61 2.67 -2.49	32.30 3.06 -0.12	33.10 3.31 0.00	36.04 3.45 0.00	39.47 3.66 -0.67	45.44 3.81 -0.15	49.21 2.21 0.00	55.04 1.78 -3.77	63.43 2.39 -7.99	59.30 2.39 0.00	68.06 2.67 -0.40	93.19 4.77 0.00	135.45 6.02 -25.57	172.18 6.29 -59.30	148.66 4.80 -45.87	123.55 3.09 -41.08	81.13 1.87 -22.36	53.55 1.53 -2.67	47.33 2.56 -0.66	43.39 3.27 -3.80
HOLTSVILLE_IC_5 23694	46.65 3.25 -9.83	40.63 3.21 -7.45	36.86 3.02 -4.85	32.09 2.71 -2.51	31.61 2.67 -2.49	32.30 3.06 -0.12	33.10 3.31 0.00	36.04 3.45 0.00	39.47 3.66 -0.67	45.44 3.81 -0.15	49.21 2.21 0.00	55.04 1.78 -3.77	63.43 2.39 -7.99	59.30 2.39 0.00	68.06 2.67 -0.40	93.19 4.77 0.00	135.45 6.02 -25.57	172.18 6.29 -59.30	148.66 4.80 -45.87	123.55 3.09 -41.08	81.13 1.87 -22.36	53.55 1.53 -2.67	47.33 2.56 -0.66	43.39 3.27 -3.80
HOLTSVILLE_IC_6 23695	46.99 3.59 -9.83	40.90 3.48 -7.45	37.09 3.25 -4.85	32.30 2.93 -2.51	31.80 2.86 -2.49	32.53 3.29 -0.12	33.36 3.57 0.00	36.33 3.75 0.00	39.79 3.97 -0.67	45.81 4.19 -0.15	49.64 2.63 -0.01	57.34 2.28 -5.58	67.77 2.92 -11.80	59.92 3.01 0.00	68.77 3.38 -0.40	94.17 5.74 0.00	138.25 7.16 -27.22	177.30 7.57 -63.13	152.81 5.98 -48.84	127.08 4.05 -43.66	83.21 2.50 -23.81	54.31 2.12 -2.84	47.82 3.00 -0.70	43.76 3.63 -3.80
HOLTSVILLE_IC_7 23696	46.99 3.59 -9.83	40.90 3.48 -7.45	37.09 3.25 -4.85	32.30 2.93 -2.51	31.80 2.86 -2.49	32.53 3.29 -0.12	33.36 3.57 0.00	36.33 3.75 0.00	39.79 3.97 -0.67	45.81 4.19 -0.15	49.64 2.63 -0.01	57.34 2.28 -5.58	67.77 2.92 -11.80	59.92 3.01 0.00	68.77 3.38 -0.40	94.17 5.74 0.00	138.25 7.16 -27.22	177.30 7.57 -63.13	152.81 5.98 -48.84	127.08 4.05 -43.66	83.21 2.50 -23.81	54.31 2.12 -2.84	47.82 3.00 -0.70	43.76 3.63 -3.80
HOLTSVILLE_IC_8 23697	46.99 3.59 -9.83	40.90 3.48 -7.45	37.09 3.25 -4.85	32.30 2.93 -2.51	31.80 2.86 -2.49	32.53 3.29 -0.12	33.36 3.57 0.00	36.33 3.75 0.00	39.79 3.97 -0.67	45.81 4.19 -0.15	49.64 2.63 -0.01	57.34 2.28 -5.58	67.77 2.92 -11.80	59.92 3.01 0.00	68.77 3.38 -0.40	94.17 5.74 0.00	138.25 7.16 -27.22	177.30 7.57 -63.13	152.81 5.98 -48.84	127.08 4.05 -43.66	83.21 2.50 -23.81	54.31 2.12 -2.84	47.82 3.00 -0.70	43.76 3.63 -3.80
HOLTSVILLE_IC_9 23698	46.99 3.59 -9.83	40.90 3.48 -7.45	37.09 3.25 -4.85	32.30 2.93 -2.51	31.80 2.86 -2.49	32.53 3.29 -0.12	33.36 3.57 0.00	36.33 3.75 0.00	39.79 3.97 -0.67	45.81 4.19 -0.15	49.64 2.63 -0.01	57.34 2.28 -5.58	67.77 2.92 -11.80	59.92 3.01 0.00	68.77 3.38 -0.40	94.17 5.74 0.00	138.25 7.16 -27.22	177.30 7.57 -63.13	152.81 5.98 -48.84	127.08 4.05 -43.66	83.21 2.50 -23.81	54.31 2.12 -2.84	47.82 3.00 -0.70	43.76 3.63 -3.80
HOMER_HL_115KV_TB2 355744	34.80 1.24 0.00	30.91 0.78 -0.15	29.65 0.55 -0.10	27.64 0.32 -0.45	26.20 -0.69 -0.44	29.47 0.35 0.00	30.27 0.48 0.00	32.65 0.07 0.00	34.80 -0.35 0.00	41.10 -0.37 0.00	47.28 0.28 0.00	50.13 0.64 0.00	54.06 1.01 0.00	57.99 1.08 0.00	66.62 1.62 0.00	89.30 0.88 0.00	104.49 0.62 0.00	107.24 0.64 -0.01	98.77 0.78 0.00	80.33 0.95 0.00	58.77 1.88 0.00	50.98 1.63 0.00	44.47 0.35 0.00	37.49 1.16 0.00
HOWARD_WT_PWR 323690	35.07 1.51 0.00	31.41 1.26 -0.17	30.10 0.99 -0.11	28.16 0.78 -0.51	27.39 0.45 -0.49	29.67 0.55 0.00	30.68 0.89 0.00	33.18 0.59 0.00	35.64 0.53 0.03	42.47 0.99 0.00	48.80 1.79 -0.02	51.72 2.23 0.00	56.01 2.86 -0.09	60.24 3.18 -0.15	69.12 3.90 -0.23	93.69 4.24 -1.03	109.89 4.78 -1.24	112.43 4.48 -1.35	103.61 4.51 -1.12	83.80 3.81 -0.61	60.70 3.75 -0.05	52.46 3.11 0.00	45.75 1.63 0.00	38.50 2.18 0.00
HQ_GEN_CEDARS 23644	33.16 -0.40 0.00	29.53 -0.45 0.00	28.48 -0.52 0.00	26.36 -0.51 0.00	25.92 -0.53 0.00	28.45 -0.67 0.00	29.13 -0.66 0.00	32.07 -0.52 0.00	34.69 -0.46 0.00	40.98 -0.50 0.00	46.48 -0.52 0.00	48.80 -0.69 0.00	52.10 -0.95 0.00	55.94 -0.97 0.00	64.15 -0.84 0.00	86.83 -1.59 0.00	101.89 -1.97 0.00	103.82 -2.77 0.00	96.42 -1.57 0.00	78.35 -1.03 0.00	55.93 -0.97 0.00	48.61 -0.74 0.00	43.63 -0.49 0.00	35.74 -0.58 0.00
HQ_GEN_CEDARS_PROXY 323590	33.16 -0.40 0.00	29.56 -0.42 0.00	28.50 -0.49 0.00	26.39 -0.48 0.00	25.95 -0.50 0.00	28.48 -0.64 0.00	29.16 -0.63 0.00	32.07 -0.52 0.00	34.69 -0.46 0.00	40.98 -0.50 0.00	46.48 -0.52 0.00	48.80 -0.69 0.00	52.10 -0.95 0.00	55.94 -0.97 0.00	64.15 -0.85 0.00	86.83 -1.59 0.00	101.89 -1.98 0.00	103.82 -2.77 0.00	96.42 -1.57 0.00	78.35 -1.03 0.00	55.93 -0.97 0.00	48.61 -0.74 0.00	43.63 -0.48 0.00	35.74 -0.58 0.00
HQ_GEN_IMPORT 323601	33.09 -0.47 0.00	29.53 -0.45 0.00	28.53 -0.47 0.00	26.44 -0.43 0.00	26.05 -0.40 0.00	28.65 -0.47 0.00	29.34 -0.45 0.00	32.23 -0.36 0.00	34.80 -0.35 0.00	41.06 -0.41 0.00	46.58 -0.42 0.00	48.95 -0.54 0.00	52.36 -0.69 0.00	56.16 -0.74 0.00	64.22 -0.78 0.00	87.18 -1.24 0.00	102.41 -1.45 0.00	105.00 -1.60 0.00	96.82 -1.17 0.00	78.51 -0.87 0.00	56.16 -0.74 0.00	48.76 -0.59 0.00	43.63 -0.48 0.00	35.74 -0.58 0.00
HQ_GEN_WHEEL 23651	33.09 -0.47 0.00	29.53 -0.45 0.00	28.53 -0.47 0.00	26.44 -0.43 0.00	26.05 -0.40 0.00	28.65 -0.47 0.00	29.34 -0.45 0.00	32.23 -0.36 0.00	34.80 -0.35 0.00	41.06 -0.41 0.00	46.58 -0.42 0.00	48.95 -0.54 0.00	52.36 -0.69 0.00	56.16 -0.74 0.00	64.22 -0.78 0.00	87.18 -1.24 0.00	102.41 -1.45 0.00	105.00 -1.60 0.00	96.82 -1.17 0.00	78.51 -0.87 0.00	56.16 -0.74 0.00	48.76 -0.59 0.00	43.63 -0.48 0.00	35.74 -0.58 0.00
HUDSON_AVE_GT_3 23810	35.54 1.98 0.00	32.81 1.98 -0.86	31.42 1.86 -0.56	31.12 1.75 -2.50	30.66 1.72 -2.49	31.07 1.95 0.00	31.91 2.12 0.00	34.97 2.38 0.00	38.38 2.57 -0.67	44.19 2.70 -0.02	49.35 2.35 0.00	51.81 2.33 0.00	55.60 2.55 0.00	59.69 2.79 0.00	68.45 3.05 -0.40	93.81 5.39 0.00	110.72 6.85 0.00	113.69 7.04 -0.05	103.38 5.39 0.00	84.07 3.49 -1.19	58.83 1.93 0.00	50.93 1.58 0.00	46.14 2.03 0.00	38.10 1.78 0.00
HUDSON_AVE_GT_4 23540	35.54 1.98 0.00	32.81 1.98 -0.86	31.42 1.86 -0.56	31.12 1.75 -2.50	30.66 1.72 -2.49	31.07 1.95 0.00	31.91 2.12 0.00	34.97 2.38 0.00	38.38 2.57 -0.67	44.19 2.70 -0.02	49.35 2.35 0.00	51.81 2.33 0.00	55.60 2.55 0.00	59.69 2.79 0.00	68.45 3.05 -0.40	93.81 5.39 0.00	110.72 6.85 0.00	113.69 7.04 -0.05	103.38 5.39 0.00	84.07 3.49 -1.19	58.83 1.93 0.00	50.93 1.58 0.00	46.14 2.03 0.00	38.10 1.78 0.00
HUDSON_AVE_GT_5 23657	35.54 1.98 0.00	32.81 1.98 -0.86	31.42 1.86 -0.56	31.12 1.75 -2.50	30.66 1.72 -2.49	31.07 1.95 0.00	31.91 2.12 0.00	34.97 2.38 0.00	38.38 2.57 -0.67	44.19 2.70 -0.02	49.35 2.35 0.00	51.81 2.33 0.00	55.60 2.55 0.00	59.69 2.79 0.00	68.45 3.05 -0.40	93.81 5.39 0.00	110.72 6.85 0.00	113.69 7.04 -0.05	103.38 5.39 0.00	84.07 3.49 -1.19	58.83 1.93 0.00	50.93 1.58 0.00	46.14 2.03 0.00	38.10 1.78 0.00

HUDSON_AVE_10 24168	35.47 1.91 0.00	32.75 1.92 -0.86	31.36 1.80 -0.56	31.07 1.69 -2.50	30.60 1.67 -2.49	31.01 1.89 0.00	31.85 2.06 0.00	34.90 2.31 0.00	38.35 2.53 -0.67	44.15 2.65 -0.02	49.26 2.26 0.00	51.67 2.18 0.00	55.44 2.39 0.00	59.52 2.62 0.00	68.32 2.92 -0.40	93.64 5.22 0.00	110.61 6.75 0.00	113.47 6.82 -0.05	103.18 5.19 0.00	83.91 3.33 -1.19	58.66 1.76 0.00	50.83 1.48 0.00	46.05 1.94 0.00	38.03 1.71 0.00
HUDSON___115KV_TB 4 355613	35.47 1.91 0.00	33.36 1.74 -1.65	31.82 1.74 -1.08	33.27 1.59 -4.81	31.64 1.53 -3.66	30.87 1.75 0.00	31.61 1.82 0.00	34.32 1.73 0.00	37.29 1.76 -0.39	43.27 1.78 -0.01	48.93 1.93 0.00	51.72 2.23 0.00	54.99 1.96 0.02	58.99 2.11 0.02	58.30 2.60 9.30	92.11 3.71 0.02	108.23 4.36 0.00	111.85 5.22 -0.03	102.18 4.21 0.02	89.69 3.33 -6.97	59.29 2.39 0.00	51.37 2.02 0.00	46.45 2.34 0.00	38.36 2.03 0.00
HUNTER MOUNT___DRP 323613	35.74 2.18 0.00	33.39 1.92 -1.49	31.83 1.86 -0.98	32.92 1.69 -4.36	31.53 1.64 -3.44	31.04 1.92 0.00	31.82 2.03 0.00	34.48 1.89 0.00	37.53 2.04 -0.34	43.43 1.95 -0.01	49.21 2.21 0.00	52.06 2.57 0.00	55.26 2.23 0.02	59.33 2.45 0.02	61.10 3.12 7.01	92.65 4.24 0.02	108.54 4.67 0.00	112.82 6.18 -0.04	102.97 5.00 0.02	89.07 3.89 -5.80	59.80 2.90 0.00	51.77 2.42 0.00	46.94 2.82 0.00	38.72 2.40 0.00
HUNTINGTON_RES_REC 323705	46.58 3.19 -9.83	40.45 3.03 -7.45	36.66 2.81 -4.85	31.93 2.55 -2.51	31.45 2.51 -2.49	32.12 2.88 -0.12	32.92 3.13 0.00	35.91 3.33 0.00	39.41 3.59 -0.67	45.40 3.77 -0.15	48.97 1.97 0.00	48.98 1.83 2.34	50.34 2.23 4.94	59.32 2.39 -0.03	68.09 2.67 -0.43	93.31 4.86 -0.03	174.44 6.23 -64.34	262.22 6.50 -149.12	218.40 4.99 -115.42	184.11 3.18 -101.55	114.94 1.77 -56.28	57.52 1.43 -6.74	48.12 2.34 -1.67	43.13 2.98 -3.83
HUNTLEY___63 23557	34.70 1.14 0.00	30.88 0.78 -0.13	29.60 0.52 -0.08	27.56 0.32 -0.37	27.00 0.19 -0.36	29.38 0.26 0.00	30.12 0.33 0.00	32.23 -0.36 0.00	34.66 -0.49 0.00	40.69 -0.79 0.00	46.86 -0.14 0.00	49.88 0.40 0.00	53.80 0.74 0.00	57.53 0.63 0.00	66.23 1.23 0.00	88.51 0.09 0.00	103.34 -0.52 0.00	105.54 -1.07 -0.01	97.30 -0.69 0.00	79.22 -0.16 0.00	58.32 1.42 0.00	50.68 1.33 0.00	44.16 0.04 0.00	37.70 1.38 0.00
HUNTLEY___64 23558	34.70 1.14 0.00	30.88 0.78 -0.13	29.60 0.52 -0.08	27.56 0.32 -0.37	27.00 0.19 -0.36	29.38 0.26 0.00	30.12 0.33 0.00	32.23 -0.36 0.00	34.66 -0.49 0.00	40.69 -0.79 0.00	46.86 -0.14 0.00	49.88 0.40 0.00	53.80 0.74 0.00	57.53 0.63 0.00	66.23 1.23 0.00	88.51 0.09 0.00	103.34 -0.52 0.00	105.54 -1.07 -0.01	97.30 -0.69 0.00	79.22 -0.16 0.00	58.32 1.42 0.00	50.68 1.33 0.00	44.16 0.04 0.00	37.70 1.38 0.00
HUNTLEY___65 23559	34.70 1.14 0.00	30.88 0.78 -0.13	29.60 0.52 -0.08	27.56 0.32 -0.37	27.00 0.19 -0.36	29.38 0.26 0.00	30.12 0.33 0.00	32.23 -0.36 0.00	34.66 -0.49 0.00	40.69 -0.79 0.00	46.86 -0.14 0.00	49.88 0.40 0.00	53.80 0.74 0.00	57.53 0.63 0.00	66.23 1.23 0.00	88.51 0.09 0.00	103.34 -0.52 0.00	105.54 -1.07 -0.01	97.30 -0.69 0.00	79.22 -0.16 0.00	58.32 1.42 0.00	50.68 1.33 0.00	44.16 0.04 0.00	37.70 1.38 0.00
HUNTLEY___66 23560	34.70 1.14 0.00	30.88 0.78 -0.13	29.60 0.52 -0.08	27.56 0.32 -0.37	27.00 0.19 -0.36	29.38 0.26 0.00	30.12 0.33 0.00	32.23 -0.36 0.00	34.66 -0.49 0.00	40.69 -0.79 0.00	46.86 -0.14 0.00	49.88 0.40 0.00	53.80 0.74 0.00	57.53 0.63 0.00	66.23 1.23 0.00	88.51 0.09 0.00	103.34 -0.52 0.00	105.54 -1.07 -0.01	97.30 -0.69 0.00	79.22 -0.16 0.00	58.32 1.42 0.00	50.68 1.33 0.00	44.16 0.04 0.00	37.70 1.38 0.00
HUNTLEY___67 23561	34.50 0.94 0.00	30.65 0.54 -0.13	29.37 0.29 -0.08	27.38 0.13 -0.37	26.80 -0.03 -0.37	29.18 0.06 0.00	29.97 0.18 0.00	32.10 -0.49 0.00	34.48 -0.67 0.00	40.77 -0.71 0.00	46.86 -0.14 0.00	49.88 0.40 0.00	53.74 0.69 0.00	57.47 0.57 0.00	66.16 1.17 0.00	88.42 0.00 0.00	103.24 -0.62 0.00	105.54 -1.07 -0.01	97.40 -0.59 0.00	79.30 -0.08 0.00	58.32 1.42 0.00	50.73 1.38 0.00	44.25 0.13 0.00	37.56 1.23 0.00
HUNTLEY___68 23562	34.50 0.94 0.00	30.65 0.54 -0.13	29.37 0.29 -0.08	27.38 0.13 -0.37	26.80 -0.03 -0.37	29.18 0.06 0.00	29.97 0.18 0.00	32.10 -0.49 0.00	34.48 -0.67 0.00	40.77 -0.71 0.00	46.86 -0.14 0.00	49.88 0.40 0.00	53.74 0.69 0.00	57.47 0.57 0.00	66.16 1.17 0.00	88.42 0.00 0.00	103.24 -0.62 0.00	105.54 -1.07 -0.01	97.40 -0.59 0.00	79.30 -0.08 0.00	58.32 1.42 0.00	50.73 1.38 0.00	44.25 0.13 0.00	37.56 1.23 0.00
HYLAND___LFGE 323620	35.34 1.78 0.00	31.53 1.41 -0.14	30.13 1.04 -0.09	28.16 0.89 -0.41	27.54 0.69 -0.40	29.96 0.85 0.00	30.54 0.75 0.00	32.82 0.23 0.00	34.87 -0.28 0.00	40.65 -0.83 0.00	43.47 -3.53 0.00	45.93 -3.56 0.00	49.66 -3.40 0.00	53.03 -3.87 0.00	60.90 -4.09 0.00	83.73 -4.69 0.00	98.15 -5.71 0.00	102.45 -4.16 -0.01	94.47 -3.52 0.00	78.27 -1.11 0.00	58.15 1.25 0.00	50.59 1.23 0.00	44.34 0.22 0.00	38.97 2.65 0.00
INDECK___CORINTH 23802	36.04 2.48 0.00	34.99 2.25 -2.77	32.99 2.18 -1.81	36.93 1.99 -8.08	33.28 1.93 -4.90	31.16 2.04 0.00	31.91 2.12 0.00	34.84 2.25 0.00	38.09 2.53 -0.41	44.68 3.19 -0.01	50.24 3.24 0.00	53.25 3.76 0.00	57.09 4.03 -0.01	61.36 4.44 -0.01	73.42 4.74 -3.68	94.97 6.54 -0.01	111.97 8.11 0.00	114.68 7.89 -0.19	105.65 7.65 -0.01	102.69 6.43 -16.88	61.50 4.61 0.00	53.84 4.49 0.00	47.91 3.79 0.00	39.26 2.94 0.00
INDECK___ILION 23567	33.66 0.10 0.00	30.01 0.03 0.00	29.03 0.03 0.00	26.92 0.05 0.00	26.50 0.05 0.00	29.18 0.06 0.00	29.85 0.06 0.00	32.65 0.07 0.00	35.22 0.07 0.00	41.81 0.33 0.00	47.38 0.38 0.00	49.93 0.45 0.00	53.53 0.48 0.00	57.47 0.57 0.00	65.58 0.58 0.00	89.22 0.80 0.00	104.90 1.04 0.00	107.13 0.53 0.00	98.48 0.49 0.00	79.70 0.32 0.00	57.07 0.17 0.00	49.50 0.15 0.00	44.25 0.13 0.00	36.43 0.11 0.00
INDECK___OLEAN 23982	34.09 0.54 0.00	30.85 0.72 -0.15	29.59 0.49 -0.10	27.59 0.27 -0.45	26.10 -0.79 -0.44	28.33 -0.78 0.00	30.15 0.36 0.00	32.59 0.00 0.00	34.80 -0.35 0.00	41.10 -0.37 0.00	47.28 0.28 0.00	50.13 0.64 0.00	54.06 1.01 0.00	58.04 1.14 0.00	66.62 1.63 0.00	89.30 0.88 0.00	104.49 0.63 0.00	107.14 0.54 -0.01	98.77 0.78 0.00	80.34 0.96 0.00	58.77 1.87 0.00	50.98 1.63 0.00	44.47 0.35 0.00	37.48 1.16 0.00
INDECK___OSWEGO 23783	33.02 -0.54 0.00	29.41 -0.57 0.00	28.39 -0.61 0.00	26.30 -0.57 0.00	26.02 -0.56 -0.12	28.54 -0.58 0.00	29.16 -0.63 0.00	31.87 -0.72 0.00	34.09 -1.05 0.00	40.31 -1.16 -0.19	46.06 -1.13 0.00	48.45 -1.04 -1.01	53.06 -1.01 -1.67	57.56 -1.02 -1.02	66.38 -1.11 -2.49	98.11 -1.59 -11.28	115.41 -2.08 -13.62	119.20 -2.13 -14.73	108.25 -1.96 -12.22	84.56 -1.51 -6.69	56.49 -0.91 -0.50	48.51 -0.84 0.00	43.10 -1.01 0.00	35.63 -0.69 0.00

INDECK___YERKES 23781	34.33 0.77 0.00	30.82 0.72 -0.13	29.52 0.44 -0.08	27.48 0.24 -0.37	26.87 0.05 -0.36	29.18 0.06 0.00	29.94 0.15 0.00	32.13 -0.46 0.00	34.69 -0.46 0.00	40.65 -0.83 0.00	46.86 -0.14 0.00	49.88 0.39 0.00	53.80 0.74 0.00	57.59 0.69 0.00	66.23 1.23 0.00	88.51 0.09 0.00	103.35 -0.52 0.00	105.54 -1.07 -0.01	97.31 -0.68 0.00	79.30 -0.08 0.00	58.32 1.42 0.00	50.68 1.33 0.00	44.16 0.04 0.00	37.74 1.42 0.00
INDIAN POINT_GT_1 24139	35.20 1.64 0.00	32.50 1.68 -0.85	31.21 1.65 -0.55	30.90 1.56 -2.47	30.41 1.51 -2.45	30.84 1.72 0.00	31.61 1.82 0.00	34.54 1.96 0.00	37.88 2.11 -0.62	43.73 2.24 -0.02	48.97 1.97 0.00	51.42 1.93 0.00	55.28 2.23 0.00	59.30 2.39 0.00	67.98 2.60 -0.38	93.02 4.60 0.00	109.68 5.82 0.00	112.73 6.08 -0.05	102.60 4.61 0.00	83.66 3.10 -1.18	58.66 1.76 0.00	50.83 1.48 0.00	45.83 1.72 0.00	37.85 1.53 0.00
INDIAN POINT_GT_2 23659	35.20 1.64 0.00	32.50 1.68 -0.85	31.21 1.65 -0.55	30.90 1.56 -2.47	30.41 1.51 -2.45	30.84 1.72 0.00	31.61 1.82 0.00	34.54 1.96 0.00	37.88 2.11 -0.62	43.73 2.24 -0.02	48.97 1.97 0.00	51.42 1.93 0.00	55.28 2.23 0.00	59.30 2.39 0.00	67.98 2.60 -0.38	93.02 4.60 0.00	109.68 5.82 0.00	112.73 6.08 -0.05	102.60 4.61 0.00	83.66 3.10 -1.18	58.66 1.76 0.00	50.83 1.48 0.00	45.83 1.72 0.00	37.85 1.53 0.00
INDIAN POINT_GT_3 24019	35.20 1.64 0.00	32.50 1.68 -0.85	31.21 1.65 -0.55	30.90 1.56 -2.47	30.41 1.51 -2.45	30.84 1.72 0.00	31.61 1.82 0.00	34.54 1.96 0.00	37.88 2.11 -0.62	43.73 2.24 -0.02	48.97 1.97 0.00	51.42 1.93 0.00	55.28 2.23 0.00	59.30 2.39 0.00	67.98 2.60 -0.38	93.02 4.60 0.00	109.68 5.82 0.00	112.73 6.08 -0.05	102.60 4.61 0.00	83.66 3.10 -1.18	58.66 1.76 0.00	50.83 1.48 0.00	45.83 1.72 0.00	37.85 1.53 0.00
INDIAN POINT___2 23530	35.20 1.64 0.00	32.40 1.59 -0.83	31.11 1.56 -0.54	30.77 1.48 -2.43	30.32 1.45 -2.41	30.75 1.63 0.00	31.58 1.79 0.00	34.48 1.89 0.00	37.71 2.00 -0.56	43.56 2.07 -0.02	48.79 1.79 0.00	51.27 1.78 0.00	55.07 2.02 0.00	59.01 2.11 0.00	67.33 2.34 0.00	92.58 4.16 0.00	109.26 5.40 0.00	112.19 5.54 -0.05	102.20 4.21 0.00	83.31 2.78 -1.15	58.43 1.54 0.00	50.63 1.28 0.00	45.70 1.59 0.00	37.74 1.42 0.00
INDIAN POINT___3 23531	35.14 1.58 0.00	32.44 1.62 -0.85	31.15 1.59 -0.56	30.85 1.50 -2.47	30.39 1.48 -2.46	30.78 1.66 0.00	31.55 1.76 0.00	34.45 1.86 0.00	37.77 2.00 -0.61	43.57 2.07 -0.02	48.79 1.79 0.00	51.27 1.78 0.00	55.07 2.02 0.00	59.07 2.16 0.00	67.72 2.34 -0.39	92.58 4.16 0.00	109.16 5.30 0.00	112.19 5.54 -0.05	102.20 4.21 0.00	83.34 2.78 -1.18	58.43 1.54 0.00	50.63 1.28 0.00	45.70 1.59 0.00	37.74 1.42 0.00
INGHAM_C_115KV_TB7 356103	33.56 0.00 0.00	29.89 -0.09 0.00	28.88 -0.12 0.00	26.79 -0.08 0.00	26.37 -0.08 0.00	29.03 -0.09 0.00	29.70 -0.09 0.00	32.49 -0.10 0.00	35.08 -0.07 0.00	41.81 0.33 0.00	47.42 0.42 0.00	49.93 0.45 0.00	53.53 0.48 0.00	57.53 0.63 0.00	65.58 0.58 0.00	89.13 0.71 0.00	104.80 0.93 0.00	106.60 0.00 0.00	97.99 0.00 0.00	79.22 -0.16 0.00	56.73 -0.17 0.00	49.20 -0.15 0.00	44.03 -0.09 0.00	36.29 -0.04 0.00
IP CORINTH___1 23988	36.21 2.65 0.00	35.17 2.43 -2.77	33.16 2.35 -1.81	37.10 2.15 -8.08	33.44 2.09 -4.90	31.33 2.21 0.00	32.05 2.26 0.00	35.00 2.41 0.00	38.26 2.71 -0.41	44.93 3.44 -0.01	50.53 3.53 0.00	53.50 4.01 0.00	57.41 4.35 -0.01	61.69 4.78 -0.01	73.81 5.13 -3.68	95.50 7.07 -0.01	112.59 8.72 0.00	115.32 8.53 -0.19	106.23 8.23 -0.01	103.17 6.91 -16.88	61.85 4.95 0.00	54.14 4.79 0.00	48.17 4.06 0.00	39.48 3.16 0.00
IP___TICONDEROGA 23804	38.76 5.20 0.00	37.37 4.65 -2.75	35.15 4.35 -1.80	38.90 4.00 -8.03	35.22 3.89 -4.88	33.23 4.11 0.00	34.08 4.29 0.00	37.38 4.79 0.00	40.97 5.41 -0.41	48.33 6.84 -0.01	54.76 7.76 0.00	58.45 8.96 0.00	62.72 9.66 -0.01	67.56 10.64 -0.01	81.19 12.35 -3.84	104.70 16.27 -0.01	123.60 19.73 0.00	125.66 18.87 -0.19	115.74 17.74 -0.01	110.88 14.76 -16.73	67.71 10.81 0.00	59.17 9.82 0.00	52.27 8.16 0.00	42.64 6.32 0.00
ISLIP_RES_REC 323679	47.22 3.82 -9.83	41.11 3.69 -7.45	37.29 3.45 -4.85	32.46 3.09 -2.51	31.98 3.04 -2.49	32.70 3.46 -0.12	33.54 3.75 0.00	36.60 4.01 0.00	40.11 4.29 -0.67	46.19 4.56 -0.15	50.11 3.10 -0.01	59.87 2.82 -7.56	72.56 3.50 -16.00	60.61 3.70 0.00	69.56 4.16 -0.40	95.23 6.81 0.00	137.06 8.41 -24.79	172.84 8.74 -57.50	149.53 7.06 -44.48	124.09 4.84 -39.87	81.65 3.07 -21.68	54.50 2.56 -2.59	48.15 3.40 -0.64	44.05 3.92 -3.80
JAMAICA__27_KV_LOAD 355505	35.77 2.21 0.00	32.99 2.16 -0.86	31.53 1.97 -0.56	31.20 1.83 -2.50	30.74 1.80 -2.49	31.19 2.07 0.00	32.08 2.29 0.00	35.23 2.64 0.00	38.70 2.88 -0.67	44.60 3.11 -0.02	49.54 2.54 0.00	52.06 2.57 0.00	55.87 2.81 0.00	60.04 3.13 0.00	68.90 3.51 -0.40	94.61 6.19 0.00	111.76 7.89 0.00	114.75 8.10 -0.05	104.26 6.27 0.00	84.78 4.21 -1.19	59.23 2.33 0.00	51.18 1.83 0.00	46.54 2.43 0.00	38.39 2.07 0.00
JANIS___SOLAR 323808	35.67 2.12 0.00	31.72 1.47 -0.27	30.45 1.27 -0.18	28.82 1.15 -0.79	28.23 1.11 -0.67	30.37 1.25 0.00	31.22 1.43 0.00	34.02 1.43 0.00	36.48 1.37 0.04	43.50 2.03 0.00	49.62 2.58 -0.04	52.31 2.82 0.00	56.55 3.29 -0.20	60.94 3.70 -0.34	69.85 4.36 -0.50	96.35 5.66 -2.26	113.56 6.96 -2.73	117.25 7.68 -2.97	108.57 8.13 -2.45	88.28 6.90 -2.00	62.41 5.41 -0.10	53.74 4.39 0.00	47.29 3.18 0.00	39.08 2.76 0.00
JARVIS____ 23743	33.63 0.07 0.00	30.04 0.06 0.00	29.08 0.09 0.00	26.95 0.08 0.00	26.53 0.08 0.00	29.21 0.09 0.00	29.88 0.09 0.00	32.65 0.07 0.00	35.22 0.07 0.00	41.60 0.12 0.00	47.09 0.09 0.00	49.64 0.15 0.00	53.21 0.16 0.00	57.08 0.17 0.00	65.19 0.20 0.00	88.69 0.27 0.00	104.18 0.31 0.00	106.92 0.32 0.00	98.28 0.29 0.00	79.54 0.16 0.00	57.07 0.17 0.00	49.45 0.10 0.00	44.20 0.09 0.00	36.43 0.11 0.00
JENNISON___1 23625	35.94 2.38 0.00	32.03 1.65 -0.40	30.74 1.48 -0.26	29.46 1.42 -1.17	28.59 1.24 -0.89	30.69 1.57 0.00	31.52 1.73 0.00	34.35 1.76 0.00	36.96 1.86 0.05	44.25 2.78 0.00	50.46 3.43 -0.03	53.20 3.71 0.00	57.28 4.09 -0.14	61.75 4.61 -0.24	70.74 5.39 -0.35	97.00 6.99 -1.60	114.00 8.21 -1.93	117.02 8.31 -2.11	108.24 8.53 -1.73	88.34 6.91 -2.05	62.32 5.35 -0.07	53.74 4.39 0.00	47.51 3.40 0.00	39.23 2.91 0.00
JENNISON___2 23626	35.94 2.38 0.00	32.03 1.65 -0.40	30.74 1.48 -0.26	29.46 1.42 -1.17	28.59 1.24 -0.89	30.69 1.57 0.00	31.52 1.73 0.00	34.35 1.76 0.00	36.96 1.86 0.05	44.25 2.78 0.00	50.46 3.43 -0.03	53.20 3.71 0.00	57.28 4.09 -0.14	61.75 4.61 -0.24	70.74 5.39 -0.35	97.00 6.99 -1.60	114.00 8.21 -1.93	117.02 8.31 -2.11	108.24 8.53 -1.73	88.34 6.91 -2.05	62.32 5.35 -0.07	53.74 4.39 0.00	47.51 3.40 0.00	39.23 2.91 0.00

JERICO_RISE_WT_PWR 323719	33.12 -0.44 0.00	29.53 -0.45 0.00	28.45 -0.55 0.00	26.36 -0.51 0.00	26.03 -0.42 0.00	28.65 -0.47 0.00	29.37 -0.42 0.00	32.36 -0.23 0.00	35.08 -0.07 0.00	41.35 -0.12 0.00	46.91 -0.09 0.00	48.70 -0.79 0.00	51.73 -1.32 0.00	55.37 -1.53 0.00	63.43 -1.56 0.00	85.77 -2.65 0.00	100.85 -3.02 0.00	103.18 -3.42 0.00	95.74 -2.25 0.00	77.63 -1.75 0.00	55.36 -1.53 0.00	48.51 -0.84 0.00	43.81 -0.31 0.00	35.71 -0.62 0.00
KATONAH__115KV_46KV_TB4 355592	35.50 1.95 0.00	32.80 1.95 -0.87	31.43 1.86 -0.57	31.19 1.77 -2.55	30.65 1.67 -2.53	31.01 1.89 0.00	31.85 2.06 0.00	34.93 2.35 0.00	38.40 2.57 -0.68	44.27 2.78 -0.02	49.73 2.73 0.00	52.31 2.82 0.00	56.29 3.24 0.00	60.38 3.47 0.00	69.30 3.90 -0.41	94.79 6.37 0.00	111.86 8.00 0.00	114.97 8.31 -0.06	104.56 6.57 0.00	85.45 4.84 -1.22	59.91 3.02 0.00	51.77 2.42 0.00	46.45 2.34 0.00	38.25 1.93 0.00
KCE_NY_1 323755	36.14 2.58 0.00	35.10 2.40 -2.73	33.10 2.32 -1.79	36.98 2.15 -7.96	33.39 2.09 -4.85	31.33 2.21 0.00	32.08 2.29 0.00	34.94 2.35 0.00	38.13 2.56 -0.41	44.60 3.11 -0.01	50.34 3.34 0.00	53.25 3.76 0.00	57.10 4.03 -0.01	61.30 4.38 -0.01	74.00 4.94 -4.07	95.33 6.90 -0.01	112.27 8.41 0.00	115.32 8.53 -0.19	105.65 7.65 -0.01	102.25 6.35 -16.52	61.39 4.49 0.00	53.35 4.00 0.00	47.69 3.57 0.00	39.23 2.91 0.00
KCE_NY_6_ESR 323823	34.56 1.01 0.00	30.95 0.84 -0.13	29.67 0.58 -0.09	27.61 0.35 -0.39	26.79 -0.05 -0.39	29.09 -0.03 0.00	30.15 0.36 0.00	32.46 -0.13 0.00	35.01 -0.14 0.00	41.39 -0.08 0.00	47.66 0.66 0.00	50.73 1.24 0.00	54.70 1.65 0.00	58.61 1.71 0.00	67.40 2.41 0.00	90.10 1.68 0.00	105.32 1.45 0.00	107.67 1.07 -0.01	99.26 1.27 0.00	80.81 1.43 0.00	59.34 2.44 0.00	51.52 2.17 0.00	44.91 0.79 0.00	38.07 1.74 0.00
KEDC_PORT_JEFF_GT2 24210	46.82 3.42 -9.83	40.75 3.33 -7.45	36.98 3.13 -4.85	32.20 2.82 -2.51	31.69 2.75 -2.49	32.41 3.17 -0.12	33.21 3.42 0.00	36.21 3.62 0.00	39.65 3.83 -0.67	45.69 4.07 -0.15	49.35 2.35 0.00	55.51 1.98 -4.04	63.84 2.23 -8.56	59.19 2.28 -0.01	67.93 2.53 -0.40	93.11 4.68 -0.01	140.41 6.02 -30.53	183.57 6.18 -70.79	157.46 4.70 -54.77	131.21 3.02 -48.81	85.36 1.77 -26.70	54.17 1.63 -3.19	47.68 2.78 -0.79	43.58 3.45 -3.80
KEDC_PORT_JEFF_GT3 24211	46.82 3.42 -9.83	40.75 3.33 -7.45	36.98 3.13 -4.85	32.20 2.82 -2.51	31.69 2.75 -2.49	32.41 3.17 -0.12	33.21 3.42 0.00	36.21 3.62 0.00	39.65 3.83 -0.67	45.69 4.07 -0.15	49.35 2.35 0.00	55.51 1.98 -4.04	63.84 2.23 -8.56	59.19 2.28 -0.01	67.93 2.53 -0.40	93.11 4.68 -0.01	140.41 6.02 -30.53	183.57 6.18 -70.79	157.46 4.70 -54.77	131.21 3.02 -48.81	85.36 1.77 -26.70	54.17 1.63 -3.19	47.68 2.78 -0.79	43.58 3.45 -3.80
KEDC_GLWD_GT4 24219	45.68 2.28 -9.84	39.58 2.16 -7.45	36.11 2.26 -4.85	31.47 2.10 -2.51	31.00 2.06 -2.49	31.57 2.33 -0.12	32.29 2.50 0.00	35.29 2.70 0.00	38.73 2.92 -0.67	44.61 2.99 -0.15	49.35 2.35 0.00	51.86 2.38 0.00	55.76 2.70 0.00	59.86 2.96 0.00	68.64 3.25 -0.39	93.90 5.48 0.00	110.82 6.96 0.00	113.68 7.03 -0.05	103.47 5.48 0.00	84.22 3.65 -1.19	59.00 2.11 0.00	51.07 1.73 0.00	46.28 2.16 0.00	42.37 2.25 -3.79
KEDC_GLWD_GT5 24220	45.68 2.28 -9.84	39.58 2.16 -7.45	36.11 2.26 -4.85	31.47 2.10 -2.51	31.00 2.06 -2.49	31.57 2.33 -0.12	32.29 2.50 0.00	35.29 2.70 0.00	38.73 2.92 -0.67	44.61 2.99 -0.15	49.35 2.35 0.00	51.86 2.38 0.00	55.76 2.70 0.00	59.86 2.96 0.00	68.64 3.25 -0.39	93.90 5.48 0.00	110.82 6.96 0.00	113.68 7.03 -0.05	103.47 5.48 0.00	84.22 3.65 -1.19	59.00 2.11 0.00	51.07 1.73 0.00	46.28 2.16 0.00	42.37 2.25 -3.79
KENSICO____ 23655	35.34 1.78 0.00	32.63 1.80 -0.86	31.30 1.74 -0.56	31.01 1.64 -2.50	30.54 1.61 -2.48	30.95 1.83 0.00	31.73 1.94 0.00	34.71 2.12 0.00	38.08 2.28 -0.65	43.90 2.41 -0.02	49.16 2.16 0.00	51.62 2.13 0.00	55.44 2.39 0.00	59.47 2.56 0.00	68.19 2.79 -0.40	93.28 4.86 0.00	110.09 6.23 0.00	113.05 6.40 -0.05	102.89 4.90 0.00	83.91 3.33 -1.19	58.77 1.88 0.00	50.93 1.58 0.00	46.01 1.90 0.00	37.99 1.67 0.00
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	35.17 1.61 0.00	32.35 1.53 -0.85	31.03 1.48 -0.55	30.71 1.37 -2.47	30.12 1.32 -2.35	30.66 1.54 0.00	31.40 1.61 0.00	34.19 1.60 0.00	36.65 1.65 0.15	43.09 1.62 0.00	48.46 1.46 0.00	50.92 1.44 0.00	55.07 2.02 0.00	58.50 1.59 0.00	66.04 1.82 0.77	92.22 3.80 0.00	109.06 5.19 0.00	112.08 5.44 -0.05	102.30 4.31 0.00	83.86 2.86 -1.62	58.55 1.65 0.00	51.08 1.73 0.00	45.88 1.76 0.00	37.88 1.56 0.00
KIAC_JFK_GT1 23816	35.67 2.11 0.00	32.90 2.07 -0.86	31.44 1.88 -0.56	31.12 1.75 -2.50	30.66 1.72 -2.49	31.10 1.98 0.00	31.99 2.20 0.00	35.10 2.51 0.00	38.59 2.78 -0.67	44.44 2.94 -0.02	49.35 2.35 0.00	51.81 2.33 0.00	55.60 2.55 0.00	59.75 2.85 0.00	68.58 3.18 -0.40	94.17 5.75 0.00	111.24 7.37 0.00	114.22 7.57 -0.05	103.87 5.88 0.00	84.39 3.81 -1.19	58.94 2.05 0.00	50.98 1.63 0.00	46.36 2.25 0.00	38.25 1.93 0.00
KIAC_JFK_GT2 23817	35.67 2.11 0.00	32.90 2.07 -0.86	31.44 1.88 -0.56	31.12 1.75 -2.50	30.66 1.72 -2.49	31.10 1.98 0.00	31.99 2.20 0.00	35.10 2.51 0.00	38.59 2.78 -0.67	44.44 2.94 -0.02	49.35 2.35 0.00	51.81 2.33 0.00	55.60 2.55 0.00	59.75 2.85 0.00	68.58 3.18 -0.40	94.17 5.75 0.00	111.24 7.37 0.00	114.22 7.57 -0.05	103.87 5.88 0.00	84.39 3.81 -1.19	58.94 2.05 0.00	50.98 1.63 0.00	46.36 2.25 0.00	38.25 1.93 0.00
KIAC_JFK____ 323774	35.77 2.21 0.00	32.87 2.04 -0.86	31.47 1.91 -0.56	31.12 1.75 -2.50	30.66 1.72 -2.49	31.13 2.01 0.00	32.03 2.24 0.00	35.13 2.54 0.00	38.59 2.78 -0.67	44.44 2.94 -0.02	49.35 2.35 0.00	51.82 2.33 0.00	55.60 2.55 0.00	59.69 2.79 0.00	68.58 3.18 -0.40	94.08 5.66 0.00	111.24 7.38 0.00	114.22 7.57 -0.05	103.87 5.88 0.00	84.38 3.81 -1.19	58.94 2.05 0.00	50.98 1.63 0.00	46.36 2.25 0.00	38.25 1.92 0.00
KINTIGH____ 23543	34.10 0.54 0.00	30.29 0.21 -0.11	29.10 0.03 -0.07	27.10 -0.08 -0.31	26.79 0.03 -0.32	28.95 -0.17 0.00	29.70 -0.09 0.00	31.97 -0.62 0.00	34.34 -0.81 0.00	40.60 -0.87 0.00	46.58 -0.42 0.00	49.54 0.05 0.00	53.32 0.27 0.00	57.02 0.11 0.00	65.58 0.58 0.00	87.89 -0.53 0.00	102.51 -1.35 0.00	104.90 -1.71 -0.01	96.72 -1.27 0.00	78.83 -0.56 0.00	57.81 0.91 0.00	50.24 0.89 0.00	43.98 -0.13 0.00	37.16 0.84 0.00
KNTFSRNC_46_KV_46KV_LOAD 80397	33.59 0.03 0.00	29.89 -0.09 0.00	28.79 -0.20 0.00	26.66 -0.21 0.00	26.37 -0.08 0.00	29.00 -0.12 0.00	29.76 -0.03 0.00	32.78 0.20 0.00	35.57 0.42 0.00	41.93 0.46 0.00	47.52 0.52 0.00	48.94 -0.54 0.00	51.68 -1.38 0.00	55.08 -1.82 0.00	63.24 -1.75 0.00	85.41 -3.01 0.00	100.33 -3.53 0.00	102.55 -4.05 0.00	95.54 -2.45 0.00	77.56 -1.83 0.00	55.19 -1.71 0.00	48.76 -0.59 0.00	44.42 0.31 0.00	36.21 -0.11 0.00

LACHUTE___HYDRO 323717	38.79 5.23 0.00	37.34 4.61 -2.75	35.15 4.35 -1.80	38.87 3.98 -8.03	35.22 3.89 -4.88	33.20 4.08 0.00	34.11 4.32 0.00	37.38 4.79 0.00	40.97 5.41 -0.41	48.33 6.84 -0.01	54.75 7.75 0.00	58.45 8.96 0.00	62.72 9.66 -0.01	67.55 10.64 -0.01	81.19 12.35 -3.84	104.70 16.27 -0.01	123.60 19.74 0.00	125.66 18.87 -0.19	115.74 17.74 -0.01	110.87 14.76 -16.73	67.71 10.81 0.00	59.17 9.82 0.00	52.27 8.16 0.00	42.64 6.32 0.00
LAWRNCV_115KV_TB1 80681	33.09 -0.47 0.00	29.35 -0.63 0.00	28.30 -0.70 0.00	26.12 -0.75 0.00	25.55 -0.90 0.00	27.96 -1.16 0.00	28.69 -1.10 0.00	31.61 -0.98 0.00	34.23 -0.91 0.00	40.56 -0.91 0.00	46.03 -0.99 -0.01	48.25 -1.24 0.00	51.53 -1.59 -0.07	55.48 -1.54 -0.12	63.67 -1.49 -0.17	86.63 -2.56 -0.78	101.69 -3.12 -0.94	103.56 -4.05 -1.02	96.29 -2.55 -0.84	78.10 -1.75 -0.46	55.45 -1.48 -0.03	48.12 -1.23 0.00	43.28 -0.84 0.00	35.63 -0.69 0.00
LEDERLE___ 23769	35.17 1.61 0.00	32.41 1.62 -0.82	31.13 1.59 -0.53	30.76 1.50 -2.38	30.30 1.48 -2.36	30.81 1.69 0.00	31.55 1.76 0.00	34.45 1.86 0.00	36.10 1.97 1.02	43.52 2.07 0.03	48.83 1.83 0.00	51.32 1.83 0.00	55.18 2.12 0.00	59.18 2.28 0.00	67.46 2.47 0.00	92.93 4.51 0.00	109.58 5.71 0.00	112.40 5.76 -0.05	102.40 4.41 0.00	83.45 2.94 -1.13	58.55 1.65 0.00	50.73 1.38 0.00	45.75 1.63 0.00	37.78 1.45 0.00
LIGHTHSE_115KV_TB6 355974	33.53 -0.03 0.00	29.68 -0.30 0.00	28.62 -0.38 0.00	26.55 -0.32 0.00	26.22 -0.34 -0.11	28.74 -0.38 0.00	29.49 -0.30 0.00	32.20 -0.39 0.00	34.62 -0.53 0.00	41.14 -0.33 0.00	46.91 -0.19 -0.10	49.49 0.00 0.00	53.71 0.11 -0.55	58.05 0.23 -0.91	66.81 0.45 -1.36	94.93 0.35 -6.16	111.41 0.10 -7.44	114.75 0.11 -8.05	105.16 0.49 -6.68	83.51 0.48 -3.65	57.80 0.63 -0.27	49.75 0.39 0.00	44.11 0.00 0.00	36.47 0.15 0.00
LINDEN COGEN___ 23786	31.99 1.78 3.35	32.05 1.68 -0.39	31.15 1.59 -0.55	30.87 1.50 -2.50	30.42 1.48 -2.49	30.83 1.72 0.01	31.29 1.88 0.38	31.22 2.09 3.46	31.45 2.22 5.91	33.52 2.28 10.24	33.87 1.93 15.06	33.82 1.83 17.50	34.84 2.02 20.23	36.38 2.16 22.69	39.21 2.41 28.19	61.60 4.51 31.33	71.04 5.81 38.64	72.45 5.86 40.01	61.59 4.31 40.70	43.75 2.62 38.25	36.77 1.31 21.44	34.58 1.08 15.86	33.83 1.54 11.83	31.17 1.42 6.57
LINDHRST_69_KV_BK1 356055	46.72 3.32 -9.83	40.60 3.18 -7.45	36.83 2.99 -4.85	32.12 2.74 -2.51	31.64 2.70 -2.49	32.30 3.06 -0.12	32.89 3.10 0.00	36.11 3.52 0.00	39.58 3.76 -0.67	45.73 4.11 -0.15	49.69 2.68 -0.01	57.78 2.62 -5.66	68.01 2.97 -11.99	60.14 3.24 0.01	68.90 3.51 -0.39	94.34 5.92 0.01	113.58 7.48 -2.24	117.23 7.57 -3.07	108.09 6.08 -4.02	88.12 4.05 -4.69	60.48 2.45 -1.13	51.65 2.07 -0.23	47.06 2.91 -0.03	43.49 3.38 -3.79
LIPA_MISC_IPP 23656	46.65 3.26 -9.83	40.69 3.27 -7.45	36.95 3.10 -4.85	32.14 2.77 -2.51	31.66 2.72 -2.49	32.33 3.09 -0.12	32.92 3.13 0.00	36.04 3.45 0.00	39.40 3.59 -0.67	45.48 3.86 -0.15	49.40 2.40 0.00	55.65 2.08 -4.08	63.97 2.28 -8.63	59.70 2.79 0.00	68.45 3.05 -0.40	93.82 5.39 0.00	136.51 6.75 -25.89	149.67 6.93 -36.14	149.83 5.39 -46.45	124.69 3.73 -41.58	72.85 2.33 -13.62	53.88 1.83 -2.70	47.30 2.78 -0.40	43.54 3.41 -3.80
LISF___SOLAR 323691	46.78 3.39 -9.83	40.72 3.30 -7.45	36.98 3.13 -4.85	32.17 2.79 -2.51	31.69 2.75 -2.49	32.39 3.15 -0.12	33.21 3.42 0.00	36.11 3.52 0.00	39.47 3.66 -0.67	45.61 3.98 -0.15	49.54 2.54 0.00	56.01 2.13 -4.40	65.28 2.92 -9.31	59.81 2.90 0.00	68.71 3.31 -0.40	94.09 5.66 0.00	137.13 7.07 -26.20	174.61 7.25 -60.76	150.68 5.68 -47.01	125.41 3.97 -42.06	82.31 2.50 -22.91	54.11 2.02 -2.73	47.65 2.87 -0.67	43.61 3.49 -3.80
LITTLE FALLS___HYD 24013	33.56 0.00 0.00	29.89 -0.09 0.00	28.88 -0.12 0.00	26.79 -0.08 0.00	26.37 -0.08 0.00	29.03 -0.09 0.00	29.70 -0.09 0.00	32.49 -0.10 0.00	35.08 -0.07 0.00	41.81 0.33 0.00	47.42 0.42 0.00	49.93 0.45 0.00	53.53 0.48 0.00	57.53 0.63 0.00	65.58 0.58 0.00	89.13 0.71 0.00	104.80 0.93 0.00	106.60 0.00 0.00	97.99 0.00 0.00	79.22 -0.16 0.00	56.73 -0.17 0.00	49.20 -0.15 0.00	44.03 -0.09 0.00	36.29 -0.04 0.00
LITTLRIV_115KV_TB1 356100	33.42 -0.13 0.00	29.56 -0.42 0.00	28.48 -0.52 0.00	26.31 -0.56 0.00	25.74 -0.71 0.00	28.19 -0.93 0.00	28.96 -0.83 0.00	31.90 -0.68 0.00	34.55 -0.60 0.00	41.18 -0.29 0.00	46.78 -0.24 -0.01	49.04 -0.45 0.00	52.39 -0.74 -0.08	56.46 -0.57 -0.12	64.92 -0.26 -0.19	88.29 -0.97 -0.84	103.63 -1.25 -1.01	104.81 -2.88 -1.10	97.62 -1.27 -0.91	79.16 -0.71 -0.50	56.25 -0.68 -0.04	48.81 -0.54 0.00	43.85 -0.26 0.00	36.07 -0.25 0.00
LI_NEWBRDGE___DRP 323616	45.81 2.42 -9.83	39.79 2.37 -7.45	36.08 2.23 -4.85	31.44 2.07 -2.51	30.98 2.04 -2.49	31.54 2.30 -0.12	32.11 2.32 0.00	35.23 2.64 0.00	38.63 2.81 -0.67	44.57 2.94 -0.15	48.55 1.55 0.00	50.97 1.48 0.01	54.75 1.70 0.01	58.78 1.88 0.01	67.33 1.95 -0.39	92.21 3.80 0.01	108.84 4.99 0.01	111.76 5.12 -0.05	101.71 3.72 0.01	82.79 2.22 -1.19	58.03 1.14 0.01	50.23 0.89 0.01	45.88 1.76 0.00	42.40 2.29 -3.79
LOCKPORT_115KV_TB60_63_64 80432	34.46 0.91 0.00	30.43 0.33 -0.12	29.16 0.09 -0.08	27.16 -0.05 -0.35	26.67 -0.13 -0.35	28.97 -0.15 0.00	29.76 -0.03 0.00	31.90 -0.68 0.00	34.20 -0.95 0.00	40.35 -1.12 0.00	46.48 -0.52 0.00	49.49 0.00 0.00	53.32 0.27 0.00	56.96 0.06 0.00	65.58 0.58 0.00	87.62 -0.80 0.00	102.20 -1.66 0.00	104.36 -2.24 -0.01	96.42 -1.57 0.00	78.59 -0.79 0.00	57.86 0.97 0.00	50.34 0.99 0.00	43.89 -0.22 0.00	37.41 1.09 0.00
LOCKPORT___CC1 323769	33.89 0.34 0.00	30.22 0.12 -0.12	28.96 -0.12 -0.08	26.95 -0.27 -0.35	26.40 -0.40 -0.35	28.68 -0.44 0.00	29.43 -0.36 0.00	31.61 -0.98 0.00	34.09 -1.05 0.00	40.23 -1.24 0.00	46.30 -0.70 0.00	49.29 -0.20 0.00	53.11 0.05 0.00	56.79 -0.11 0.00	65.32 0.33 0.00	87.18 -1.24 0.00	101.79 -2.08 0.00	103.94 -2.66 -0.01	95.93 -2.06 0.00	78.35 -1.03 0.00	57.69 0.80 0.00	50.14 0.79 0.00	43.76 -0.35 0.00	37.34 1.02 0.00
LOCKPORT___CC2 323770	33.89 0.34 0.00	30.22 0.12 -0.12	28.96 -0.12 -0.08	26.95 -0.27 -0.35	26.40 -0.40 -0.35	28.68 -0.44 0.00	29.43 -0.36 0.00	31.61 -0.98 0.00	34.09 -1.05 0.00	40.23 -1.24 0.00	46.30 -0.70 0.00	49.29 -0.20 0.00	53.11 0.05 0.00	56.79 -0.11 0.00	65.32 0.33 0.00	87.18 -1.24 0.00	101.79 -2.08 0.00	103.94 -2.66 -0.01	95.93 -2.06 0.00	78.35 -1.03 0.00	57.69 0.80 0.00	50.14 0.79 0.00	43.76 -0.35 0.00	37.34 1.02 0.00
LOCKPORT___CC3 323771	33.89 0.34 0.00	30.22 0.12 -0.12	28.96 -0.12 -0.08	26.95 -0.27 -0.35	26.40 -0.40 -0.35	28.68 -0.44 0.00	29.43 -0.36 0.00	31.61 -0.98 0.00	34.09 -1.05 0.00	40.23 -1.24 0.00	46.30 -0.70 0.00	49.29 -0.20 0.00	53.11 0.05 0.00	56.79 -0.11 0.00	65.32 0.33 0.00	87.18 -1.24 0.00	101.79 -2.08 0.00	103.94 -2.66 -0.01	95.93 -2.06 0.00	78.35 -1.03 0.00	57.69 0.80 0.00	50.14 0.79 0.00	43.76 -0.35 0.00	37.34 1.02 0.00

LONG_LAKE_PHOENIX 24014	33.26 -0.30 0.00	29.59 -0.39 0.00	28.56 -0.43 0.00	26.47 -0.40 0.00	26.18 -0.40 -0.13	28.68 -0.44 0.00	29.37 -0.42 0.00	32.07 -0.52 0.00	34.48 -0.67 0.00	40.85 -0.62 0.00	46.67 -0.47 -0.14	49.14 -0.35 0.00	53.66 -0.16 -0.77	58.12 -0.06 -1.27	66.88 0.00 -1.89	96.88 -0.09 -8.55	113.88 -0.31 -10.33	117.23 -0.53 -11.17	106.77 -0.49 -9.27	84.06 -0.40 -5.07	57.22 -0.06 -0.38	49.20 -0.15 0.00	43.72 -0.40 0.00	36.14 -0.18 0.00
LOVETT___3 23632	34.97 1.41 0.00	32.27 1.47 -0.82	31.01 1.48 -0.54	30.66 1.40 -2.39	30.20 1.38 -2.38	30.66 1.54 0.00	31.40 1.61 0.00	34.28 1.69 0.00	35.93 1.79 1.01	43.27 1.82 0.03	48.55 1.55 0.00	50.97 1.48 0.00	54.75 1.70 0.00	58.73 1.82 0.00	66.94 1.95 0.00	92.13 3.71 0.00	108.64 4.78 0.00	111.66 5.01 -0.05	101.62 3.63 0.00	82.82 2.30 -1.14	58.15 1.25 0.00	50.39 1.04 0.00	45.48 1.37 0.00	37.56 1.23 0.00
LOVETT___4 23642	34.97 1.41 0.00	32.27 1.47 -0.82	31.01 1.48 -0.54	30.66 1.40 -2.39	30.20 1.38 -2.38	30.66 1.54 0.00	31.40 1.61 0.00	34.28 1.69 0.00	35.93 1.79 1.01	43.27 1.82 0.03	48.55 1.55 0.00	50.97 1.48 0.00	54.75 1.70 0.00	58.73 1.82 0.00	66.94 1.95 0.00	92.13 3.71 0.00	108.64 4.78 0.00	111.66 5.01 -0.05	101.62 3.63 0.00	82.82 2.30 -1.14	58.15 1.25 0.00	50.39 1.04 0.00	45.48 1.37 0.00	37.56 1.23 0.00
LOVETT___5 23593	34.97 1.41 0.00	32.27 1.47 -0.82	31.01 1.48 -0.54	30.66 1.40 -2.39	30.20 1.38 -2.38	30.66 1.54 0.00	31.40 1.61 0.00	34.28 1.69 0.00	35.93 1.79 1.01	43.27 1.82 0.03	48.55 1.55 0.00	50.97 1.48 0.00	54.75 1.70 0.00	58.73 1.82 0.00	66.94 1.95 0.00	92.13 3.71 0.00	108.64 4.78 0.00	111.66 5.01 -0.05	101.62 3.63 0.00	82.82 2.30 -1.14	58.15 1.25 0.00	50.39 1.04 0.00	45.48 1.37 0.00	37.56 1.23 0.00
LOWER_RAQUET___HYD 24057	33.06 -0.50 0.00	29.32 -0.66 0.00	28.27 -0.72 0.00	26.06 -0.81 0.00	25.45 -1.01 0.00	27.84 -1.28 0.00	28.57 -1.22 0.00	31.45 -1.14 0.00	34.06 -1.09 0.00	40.40 -1.08 0.00	45.84 -1.17 -0.01	48.05 -1.44 0.00	51.28 -1.86 -0.08	55.21 -1.82 -0.13	63.44 -1.75 -0.20	86.40 -2.92 -0.89	101.41 -3.53 -1.08	103.18 -4.58 -1.17	96.11 -2.84 -0.97	77.85 -2.06 -0.53	55.23 -1.71 -0.04	47.92 -1.43 0.00	43.14 -0.97 0.00	35.56 -0.76 0.00
LOWER___HUDSON 24059	35.37 1.81 0.00	34.15 1.74 -2.43	32.33 1.74 -1.59	35.58 1.61 -7.10	32.53 1.56 -4.52	30.81 1.69 0.00	31.55 1.76 0.00	34.31 1.73 0.00	37.44 1.86 -0.43	43.64 2.16 -0.01	49.21 2.21 0.00	51.86 2.38 0.00	55.57 2.49 -0.02	59.60 2.68 -0.02	74.66 2.99 -6.68	92.77 4.33 -0.02	109.16 5.29 0.00	112.33 5.54 -0.20	102.71 4.70 -0.02	97.08 3.81 -13.89	59.52 2.62 0.00	51.67 2.32 0.00	46.36 2.25 0.00	38.25 1.92 0.00
LOWVILLE_115KV_TB2 356335	33.93 0.37 0.00	29.89 -0.09 0.00	28.79 -0.20 0.00	26.68 -0.19 0.00	26.25 -0.26 -0.06	28.83 -0.29 0.00	29.61 -0.18 0.00	32.43 -0.16 0.00	35.01 -0.14 0.00	41.81 0.33 0.00	47.55 0.52 -0.04	50.18 0.69 0.00	53.84 0.58 -0.20	58.15 0.91 -0.33	66.73 1.23 -0.50	92.00 1.33 -2.25	108.35 1.77 -2.72	110.92 1.39 -2.94	102.68 2.25 -2.44	82.70 1.98 -1.33	58.59 1.59 -0.10	50.54 1.18 0.00	45.04 0.93 0.00	37.05 0.73 0.00
LUTHERFT_115KV_GLOB_FND_222 355753	36.08 2.52 0.00	35.07 2.37 -2.73	33.10 2.32 -1.79	36.95 2.12 -7.96	33.37 2.06 -4.85	31.33 2.21 0.00	32.05 2.26 0.00	34.90 2.31 0.00	38.09 2.53 -0.41	44.60 3.11 -0.01	50.34 3.34 0.00	53.20 3.71 0.00	57.04 3.98 -0.01	61.24 4.32 -0.01	73.94 4.87 -4.07	95.24 6.81 -0.01	112.17 8.31 0.00	115.21 8.42 -0.19	105.55 7.55 -0.01	102.17 6.27 -16.52	61.33 4.44 0.00	53.30 3.95 0.00	47.64 3.53 0.00	39.19 2.87 0.00
LUTHERNY_35_KV_BK2 355980	36.11 2.55 0.00	35.10 2.40 -2.73	33.10 2.32 -1.79	36.98 2.15 -7.96	33.39 2.09 -4.85	31.36 2.24 0.00	32.08 2.29 0.00	34.93 2.35 0.00	38.13 2.57 -0.41	44.60 3.11 -0.01	50.34 3.34 0.00	53.25 3.76 0.00	57.10 4.03 -0.01	61.30 4.38 -0.01	74.01 4.94 -4.07	95.33 6.90 -0.01	112.28 8.41 0.00	115.32 8.53 -0.19	105.64 7.64 -0.01	102.25 6.35 -16.52	61.39 4.49 0.00	53.35 4.00 0.00	47.69 3.57 0.00	39.23 2.91 0.00
LWR___OSWEGATCHIE_HYD 23850	33.39 -0.17 0.00	29.50 -0.48 0.00	28.42 -0.58 0.00	26.28 -0.59 0.00	25.75 -0.74 -0.04	28.22 -0.90 0.00	28.99 -0.80 0.00	31.84 -0.75 0.00	34.37 -0.77 0.00	40.94 -0.54 0.00	46.47 -0.56 -0.03	48.90 -0.59 0.00	52.36 -0.85 -0.16	56.48 -0.68 -0.26	64.87 -0.52 -0.39	89.04 -1.15 -1.77	104.75 -1.25 -2.14	106.99 -1.92 -2.31	99.42 -0.49 -1.92	80.27 -0.16 -1.05	56.80 -0.17 -0.08	49.15 -0.20 0.00	43.98 -0.13 0.00	36.21 -0.11 0.00
LYONS_FALL_HYD 23570	34.19 0.64 0.00	30.19 0.21 0.00	29.17 0.18 0.00	27.01 0.14 0.00	26.61 0.11 -0.05	29.24 0.12 0.00	30.00 0.21 0.00	32.85 0.26 0.00	35.46 0.32 0.00	42.35 0.87 0.00	48.15 1.13 -0.02	50.83 1.34 0.00	54.50 1.33 -0.12	58.81 1.71 -0.20	67.50 2.21 -0.30	92.51 2.74 -1.35	108.82 3.32 -1.63	111.02 2.67 -1.76	102.59 3.13 -1.46	82.80 2.62 -0.80	58.95 1.99 -0.06	50.93 1.58 0.00	45.35 1.23 0.00	37.30 0.98 0.00
MADISON___COUNTY_LFGE 323628	34.63 1.07 0.00	30.61 0.63 0.00	29.52 0.52 0.00	27.38 0.51 0.00	26.99 0.45 -0.09	29.70 0.58 0.00	30.48 0.69 0.00	33.34 0.75 0.00	35.99 0.84 0.00	42.97 1.49 0.00	49.00 1.97 -0.02	51.67 2.18 0.00	55.62 2.44 -0.12	59.90 2.79 -0.20	68.68 3.38 -0.30	94.12 4.33 -1.37	110.71 5.19 -1.65	113.07 4.69 -1.78	104.17 4.70 -1.48	83.92 3.73 -0.81	59.86 2.90 -0.06	51.72 2.37 0.00	45.92 1.81 0.00	37.81 1.49 0.00
MALONE___115KV_TB1 356076	33.32 -0.23 0.00	29.65 -0.33 0.00	28.56 -0.43 0.00	26.41 -0.46 0.00	26.05 -0.40 0.00	28.62 -0.50 0.00	29.40 -0.39 0.00	32.39 -0.20 0.00	35.15 0.00 0.00	41.47 0.00 0.00	47.05 0.05 0.00	48.99 -0.49 0.00	52.10 -0.95 0.00	55.82 -1.08 0.00	64.08 -0.91 0.00	86.56 -1.86 0.00	101.68 -2.18 0.00	103.61 -2.98 0.00	96.52 -1.47 0.00	78.43 -0.95 0.00	55.87 -1.02 0.00	48.81 -0.54 0.00	43.98 -0.13 0.00	35.96 -0.36 0.00
MAPLEWOD_115KV_TB3 80458	35.34 1.78 0.00	33.90 1.74 -2.19	32.17 1.74 -1.43	34.84 1.59 -6.39	32.29 1.56 -4.28	30.78 1.66 0.00	31.52 1.73 0.00	34.28 1.69 0.00	37.40 1.83 -0.43	43.60 2.12 -0.01	49.26 2.26 0.00	51.96 2.47 0.00	55.62 2.55 -0.01	59.65 2.73 -0.01	73.52 3.12 -5.41	92.94 4.51 -0.01	109.58 5.71 0.00	112.63 5.86 -0.17	103.00 5.00 -0.01	95.10 4.05 -11.67	59.68 2.79 0.00	51.72 2.37 0.00	46.50 2.38 0.00	38.32 2.00 0.00
MAPLE RIDGE_WT_1 323574	33.29 -0.27 0.00	29.74 -0.24 0.00	28.74 -0.26 0.00	26.63 -0.24 0.00	26.21 -0.24 0.00	28.86 -0.26 0.00	29.52 -0.27 0.00	32.36 -0.23 0.00	34.94 -0.21 0.00	41.27 -0.21 0.00	46.77 -0.23 0.00	49.19 -0.30 0.00	52.63 -0.43 0.00	56.45 -0.46 0.00	64.47 -0.52 0.00	87.62 -0.80 0.00	103.03 -0.83 0.00	105.63 -0.96 0.00	97.31 -0.68 0.00	78.83 -0.55 0.00	56.44 -0.46 0.00	48.91 -0.45 0.00	43.63 -0.48 0.00	35.78 -0.54 0.00

MAPLE RIDGE_WT_2 323611	33.29 -0.27 0.00	29.74 -0.24 0.00	28.74 -0.26 0.00	26.63 -0.24 0.00	26.21 -0.24 0.00	28.86 -0.26 0.00	29.52 -0.27 0.00	32.36 -0.23 0.00	34.94 -0.21 0.00	41.27 -0.21 0.00	46.77 -0.23 0.00	49.19 -0.30 0.00	52.63 -0.43 0.00	56.45 -0.46 0.00	64.47 -0.52 0.00	87.62 -0.80 0.00	103.03 -0.83 0.00	105.63 -0.96 0.00	97.31 -0.68 0.00	78.83 -0.55 0.00	56.44 -0.46 0.00	48.91 -0.45 0.00	43.63 -0.48 0.00	35.78 -0.54 0.00
MARBLE RIVER_WT_PWR 323696	33.22 -0.34 0.00	29.62 -0.36 0.00	28.53 -0.47 0.00	26.44 -0.43 0.00	26.11 -0.34 0.00	28.74 -0.38 0.00	29.46 -0.33 0.00	32.43 -0.16 0.00	35.18 0.04 0.00	41.47 0.00 0.00	47.05 0.05 0.00	48.75 -0.74 0.00	51.67 -1.38 0.00	55.25 -1.65 0.00	63.30 -1.69 0.00	85.59 -2.83 0.00	100.54 -3.33 0.00	102.97 -3.62 0.00	95.54 -2.45 0.00	77.48 -1.91 0.00	55.19 -1.71 0.00	48.51 -0.84 0.00	43.94 -0.18 0.00	35.85 -0.47 0.00
MARSHVLE_115KV_TB1 80742	37.15 3.59 0.00	35.50 3.12 -2.41	33.59 3.02 -1.58	36.69 2.79 -7.03	34.14 2.70 -5.00	32.12 3.00 0.00	32.95 3.16 0.00	35.91 3.32 0.00	39.33 3.87 -0.31	46.21 4.73 -0.01	52.36 5.36 0.00	55.18 5.69 0.00	58.74 5.68 0.00	63.11 6.20 0.00	73.84 7.02 -1.82	98.33 9.90 0.00	115.91 12.05 0.00	119.44 12.68 -0.16	110.24 12.25 0.00	104.33 10.32 -14.63	64.46 7.57 0.00	55.91 6.56 0.00	49.45 5.34 0.00	40.65 4.32 0.00
MARSH_HILL_WT_PWR 323713	35.03 1.47 0.00	31.38 1.23 -0.17	30.07 0.96 -0.11	28.12 0.75 -0.50	27.38 0.45 -0.48	29.67 0.55 0.00	30.65 0.86 0.00	33.14 0.55 0.00	35.61 0.49 0.03	42.43 0.95 0.00	48.66 1.64 -0.02	51.62 2.13 0.00	55.90 2.76 -0.09	60.06 3.01 -0.14	68.91 3.70 -0.21	93.44 4.07 -0.95	109.58 4.56 -1.15	112.01 4.15 -1.26	103.23 4.21 -1.03	83.60 3.65 -0.57	60.58 3.64 -0.04	52.36 3.01 0.00	45.70 1.59 0.00	38.47 2.14 0.00
MCINTYRE_115KV_TB2 80467	33.66 0.10 0.00	29.71 -0.27 0.00	28.62 -0.38 0.00	26.49 -0.38 0.00	26.00 -0.45 0.00	28.51 -0.61 0.00	29.28 -0.51 0.00	32.23 -0.36 0.00	34.90 -0.25 0.00	41.47 0.00 0.00	47.11 0.09 -0.01	49.44 -0.05 0.00	52.80 -0.32 -0.07	56.96 -0.06 -0.11	65.48 0.32 -0.17	89.08 -0.09 -0.75	104.56 -0.21 -0.90	105.87 -1.71 -0.98	98.60 -0.20 -0.81	79.98 0.16 -0.44	56.87 -0.06 -0.03	49.35 0.00 0.00	44.29 0.18 0.00	36.32 0.00 0.00
MECO____69_KV_BK1 80468	38.02 4.46 0.00	36.48 3.93 -2.57	34.40 3.71 -1.69	37.83 3.44 -7.52	34.80 3.33 -5.02	32.76 3.64 0.00	33.66 3.87 0.00	36.69 4.11 0.00	39.91 4.43 -0.34	47.91 6.43 -0.01	54.47 7.47 0.00	57.31 7.82 0.00	61.34 8.28 -0.01	65.79 8.88 -0.01	78.02 11.05 -1.98	104.25 15.83 -0.01	123.29 19.42 0.00	123.18 16.42 -0.17	113.67 15.68 -0.01	108.21 13.02 -15.81	66.46 9.56 0.00	57.39 8.04 0.00	50.64 6.53 0.00	41.77 5.45 0.00
MENANDS__115KV_TB5 355628	34.90 1.34 0.00	33.43 1.38 -2.07	31.75 1.39 -1.36	34.20 1.29 -6.04	31.87 1.27 -4.15	30.49 1.37 0.00	31.19 1.40 0.00	33.89 1.30 0.00	36.98 1.41 -0.43	43.06 1.58 -0.01	48.55 1.55 0.00	51.22 1.73 0.00	54.77 1.70 -0.02	58.68 1.76 -0.02	72.86 1.95 -5.92	91.44 3.01 -0.02	107.60 3.74 0.00	110.81 4.05 -0.17	101.14 3.14 -0.02	92.45 2.46 -10.61	58.55 1.65 0.00	50.78 1.43 0.00	45.75 1.63 0.00	37.78 1.45 0.00
MG INDUSTRY__DRP 24185	35.04 1.48 0.00	33.06 1.50 -1.58	31.54 1.51 -1.04	32.89 1.40 -4.63	31.42 1.35 -3.62	30.58 1.46 0.00	31.25 1.46 0.00	33.99 1.40 0.00	36.99 1.44 -0.40	43.14 1.66 -0.01	48.69 1.69 0.00	51.32 1.83 0.00	53.57 0.53 0.02	57.46 0.57 0.02	58.90 0.52 6.61	89.29 0.88 0.02	105.11 1.25 0.00	108.24 1.60 -0.05	98.95 0.98 0.02	86.61 0.95 -6.28	57.52 0.63 0.00	49.84 0.49 0.00	45.88 1.76 0.00	37.88 1.56 0.00
MID__OSWEGATCHIE_HYD 23849	33.39 -0.17 0.00	29.50 -0.48 0.00	28.42 -0.58 0.00	26.28 -0.59 0.00	25.75 -0.74 -0.04	28.22 -0.90 0.00	28.99 -0.80 0.00	31.84 -0.75 0.00	34.37 -0.77 0.00	40.94 -0.54 0.00	46.47 -0.56 -0.03	48.90 -0.59 0.00	52.36 -0.85 -0.16	56.48 -0.68 -0.26	64.87 -0.52 -0.39	89.04 -1.15 -1.77	104.75 -1.25 -2.14	106.99 -1.92 -2.31	99.42 -0.49 -1.92	80.27 -0.16 -1.05	56.80 -0.17 -0.08	49.15 -0.20 0.00	43.98 -0.13 0.00	36.21 -0.11 0.00
MID__RAQUETTE_HYD 23851	33.06 -0.50 0.00	29.29 -0.69 0.00	28.24 -0.75 0.00	26.04 -0.83 0.00	25.42 -1.03 0.00	27.81 -1.31 0.00	28.54 -1.25 0.00	31.45 -1.14 0.00	34.06 -1.09 0.00	40.40 -1.08 0.00	45.84 -1.18 -0.01	48.05 -1.44 0.00	51.28 -1.86 -0.08	55.22 -1.82 -0.13	63.44 -1.75 -0.20	86.40 -2.92 -0.89	101.41 -3.53 -1.08	103.18 -4.58 -1.17	96.12 -2.84 -0.97	77.85 -2.06 -0.53	55.23 -1.71 -0.04	47.92 -1.43 0.00	43.14 -0.97 0.00	35.56 -0.76 0.00
MILLIKEN__1 23584	34.67 1.11 0.00	30.93 0.78 -0.17	29.75 0.64 -0.11	27.96 0.59 -0.50	27.45 0.53 -0.47	29.82 0.70 0.00	30.53 0.74 0.00	33.27 0.68 0.00	35.78 0.67 0.03	42.51 1.04 0.00	48.56 1.50 -0.05	51.22 1.73 0.00	55.45 2.12 -0.28	59.70 2.33 -0.46	68.47 2.79 -0.68	95.13 3.63 -3.09	111.96 4.36 -3.73	115.22 4.58 -4.05	105.84 4.51 -3.35	84.94 3.73 -1.83	60.05 3.02 -0.14	51.72 2.37 0.00	45.75 1.63 0.00	37.85 1.53 0.00
MILLIKEN__2 23585	34.67 1.11 0.00	30.93 0.78 -0.17	29.75 0.64 -0.11	27.96 0.59 -0.50	27.45 0.53 -0.47	29.82 0.70 0.00	30.53 0.74 0.00	33.27 0.68 0.00	35.78 0.67 0.03	42.51 1.04 0.00	48.56 1.50 -0.05	51.22 1.73 0.00	55.45 2.12 -0.28	59.70 2.33 -0.46	68.47 2.79 -0.68	95.13 3.63 -3.09	111.96 4.36 -3.73	115.22 4.58 -4.05	105.84 4.51 -3.35	84.94 3.73 -1.83	60.05 3.02 -0.14	51.72 2.37 0.00	45.75 1.63 0.00	37.85 1.53 0.00
MILLIKEN__DIESEL 23629	34.67 1.11 0.00	30.93 0.78 -0.17	29.75 0.64 -0.11	27.96 0.59 -0.50	27.45 0.53 -0.47	29.82 0.70 0.00	30.53 0.74 0.00	33.27 0.68 0.00	35.78 0.67 0.03	42.51 1.04 0.00	48.56 1.50 -0.05	51.22 1.73 0.00	55.45 2.12 -0.28	59.70 2.33 -0.46	68.47 2.79 -0.68	95.13 3.63 -3.09	111.96 4.36 -3.73	115.22 4.58 -4.05	105.84 4.51 -3.35	84.94 3.73 -1.83	60.05 3.02 -0.14	51.72 2.37 0.00	45.75 1.63 0.00	37.85 1.53 0.00
MILLSEAT__LFGE 323607	34.63 1.07 0.00	30.81 0.72 -0.11	29.48 0.41 -0.08	27.45 0.24 -0.33	26.89 0.11 -0.34	29.27 0.15 0.00	30.00 0.21 0.00	32.39 -0.19 0.00	34.94 -0.21 0.00	41.31 -0.17 0.00	47.57 0.57 0.00	50.67 1.19 0.00	54.64 1.59 0.00	58.38 1.48 0.00	67.14 2.14 0.00	89.92 1.50 0.00	104.80 0.93 0.00	107.03 0.43 -0.01	98.87 0.88 0.00	80.89 1.50 0.00	59.23 2.33 0.00	51.47 2.12 0.00	44.95 0.84 0.00	38.10 1.78 0.00
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	35.27 1.71 0.00	32.57 1.74 -0.85	31.24 1.68 -0.56	30.94 1.59 -2.48	30.45 1.53 -2.47	30.87 1.75 0.00	31.64 1.85 0.00	34.61 2.02 0.00	37.92 2.14 -0.63	43.77 2.28 -0.02	49.02 2.02 0.00	51.52 2.03 0.00	55.34 2.28 0.00	59.35 2.45 0.00	68.05 2.66 -0.39	93.02 4.60 0.00	109.78 5.92 0.00	112.73 6.08 -0.05	102.69 4.70 0.00	83.74 3.18 -1.19	58.72 1.82 0.00	50.88 1.53 0.00	45.88 1.76 0.00	37.88 1.56 0.00

MILLWOOD_13_KV_LOAD 356217	35.34 1.78 0.00	32.66 1.83 -0.85	31.32 1.77 -0.56	31.02 1.67 -2.48	30.51 1.59 -2.47	30.93 1.81 0.00	31.73 1.94 0.00	34.74 2.15 0.00	38.10 2.32 -0.63	43.98 2.49 -0.02	49.30 2.30 0.00	51.81 2.33 0.00	55.71 2.65 0.00	59.75 2.85 0.00	68.57 3.18 -0.39	93.81 5.39 0.00	110.61 6.75 0.00	113.69 7.04 -0.05	103.38 5.39 0.00	84.38 3.81 -1.19	59.17 2.28 0.00	51.23 1.88 0.00	46.10 1.99 0.00	38.03 1.71 0.00
MODEL_CITY_ENERGY 24167	33.83 0.27 0.00	30.04 -0.06 -0.12	28.79 -0.29 -0.08	26.79 -0.43 -0.35	26.28 -0.53 -0.35	28.54 -0.58 0.00	29.25 -0.54 0.00	31.42 -1.17 0.00	33.88 -1.26 0.00	39.98 -1.49 0.00	45.97 -1.03 0.00	48.95 -0.54 0.00	52.74 -0.32 0.00	56.39 -0.51 0.00	64.86 -0.13 0.00	86.65 -1.77 0.00	101.16 -2.70 0.00	103.30 -3.31 -0.01	95.35 -2.64 0.00	77.87 -1.51 0.00	57.30 0.40 0.00	49.84 0.49 0.00	43.50 -0.62 0.00	37.09 0.76 0.00
MODERN_LFGE_ 323580	33.83 0.27 0.00	30.04 -0.06 -0.12	28.79 -0.29 -0.08	26.79 -0.43 -0.35	26.28 -0.53 -0.35	28.54 -0.58 0.00	29.25 -0.54 0.00	31.42 -1.17 0.00	33.88 -1.26 0.00	39.98 -1.49 0.00	45.97 -1.03 0.00	48.95 -0.54 0.00	52.74 -0.32 0.00	56.39 -0.51 0.00	64.86 -0.13 0.00	86.65 -1.77 0.00	101.16 -2.70 0.00	103.30 -3.31 -0.01	95.35 -2.64 0.00	77.87 -1.51 0.00	57.30 0.40 0.00	49.84 0.49 0.00	43.50 -0.62 0.00	37.09 0.76 0.00
MOHAWK_PAPER___DRP 24187	35.34 1.78 0.00	33.90 1.74 -2.19	32.17 1.74 -1.43	34.84 1.59 -6.39	32.29 1.56 -4.28	30.78 1.66 0.00	31.52 1.73 0.00	34.28 1.69 0.00	37.40 1.83 -0.43	43.60 2.12 -0.01	49.26 2.26 0.00	51.96 2.47 0.00	55.62 2.55 -0.01	59.65 2.73 -0.01	73.52 3.12 -5.41	92.94 4.51 -0.01	109.58 5.71 0.00	112.63 5.86 -0.17	103.00 5.00 -0.01	95.10 4.05 -11.67	59.68 2.79 0.00	51.72 2.37 0.00	46.50 2.38 0.00	38.32 2.00 0.00
MOHICAN___35_KV_115KV_LD 80490	36.44 2.89 0.00	35.38 2.67 -2.74	33.34 2.55 -1.80	37.21 2.34 -8.00	33.59 2.27 -4.87	31.54 2.42 0.00	32.29 2.50 0.00	35.23 2.64 0.00	38.51 2.95 -0.41	45.22 3.73 -0.01	50.95 3.95 0.00	53.99 4.50 0.00	57.89 4.83 -0.01	62.21 5.29 -0.01	74.78 5.85 -3.94	96.39 7.96 -0.01	113.73 9.87 0.00	116.38 9.59 -0.19	107.11 9.11 -0.01	103.64 7.62 -16.64	62.42 5.52 0.00	54.48 5.13 0.00	48.48 4.37 0.00	39.74 3.41 0.00
MONGAUP___HYD 23641	35.17 1.61 0.00	32.24 1.50 -0.76	30.95 1.45 -0.50	30.43 1.34 -2.22	29.95 1.30 -2.21	30.60 1.48 0.00	31.37 1.58 0.00	34.18 1.60 0.00	35.70 1.58 1.04	43.11 1.66 0.03	48.55 1.55 0.00	51.12 1.63 0.00	54.96 1.91 0.00	59.01 2.11 0.00	67.33 2.34 0.00	92.75 4.33 0.00	109.47 5.60 0.00	111.44 4.80 -0.05	101.91 3.92 0.00	83.21 2.78 -1.05	59.00 2.11 0.00	51.12 1.77 0.00	45.97 1.85 0.00	37.92 1.60 0.00
MONTAUK___DIESEL 23721	48.59 5.20 -9.83	42.34 4.92 -7.45	38.48 4.64 -4.85	33.54 4.16 -2.51	33.01 4.07 -2.49	33.81 4.57 -0.12	34.41 4.62 0.00	37.80 5.21 0.00	41.44 5.62 -0.67	48.22 6.59 -0.15	52.97 5.97 0.00	59.65 5.99 -4.17	68.41 6.53 -8.83	64.36 7.45 0.00	73.78 8.38 -0.40	100.98 12.56 0.00	145.06 15.16 -26.03	158.54 15.24 -36.70	157.72 13.03 -46.70	130.94 9.76 -41.80	77.22 6.49 -13.83	57.30 5.23 -2.72	50.17 5.65 -0.41	45.90 5.78 -3.80
MOONROAD_115KV_HARTFLD_TB1-2 355988	35.74 2.18 0.00	31.71 1.59 -0.14	30.34 1.25 -0.09	28.12 0.83 -0.42	27.18 0.32 -0.41	29.94 0.82 0.00	30.68 0.89 0.00	33.18 0.59 0.00	35.85 0.70 0.00	42.55 1.08 0.00	49.26 2.26 0.00	52.16 2.67 0.00	56.24 3.18 0.00	60.32 3.41 0.00	69.35 4.35 0.00	92.66 4.24 0.00	108.33 4.47 0.00	110.76 4.16 -0.01	102.01 4.02 0.00	83.19 3.81 0.00	60.99 4.10 0.00	53.05 3.70 0.00	46.14 2.03 0.00	38.97 2.65 0.00
MORTIMER_115KV_TB3 55949	34.50 0.94 0.00	30.64 0.57 -0.09	29.41 0.35 -0.06	27.41 0.27 -0.27	27.05 0.32 -0.28	29.32 0.20 0.00	30.09 0.30 0.00	32.69 0.10 0.00	35.18 0.04 0.00	41.68 0.21 0.00	47.80 0.80 0.00	50.83 1.34 0.00	54.75 1.70 0.00	58.56 1.65 0.00	67.27 2.27 0.00	90.63 2.21 0.00	105.63 1.77 0.00	108.09 1.49 -0.01	99.66 1.67 0.00	81.29 1.91 0.00	59.06 2.16 0.00	51.28 1.92 0.00	45.04 0.93 0.00	37.70 1.38 0.00
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	35.50 1.95 0.00	32.78 1.95 -0.86	31.42 1.86 -0.56	31.12 1.75 -2.50	30.66 1.72 -2.49	31.07 1.95 0.00	31.88 2.09 0.00	34.90 2.31 0.00	38.31 2.50 -0.67	44.11 2.61 -0.02	49.26 2.26 0.00	51.67 2.18 0.00	55.44 2.39 0.00	59.52 2.62 0.00	68.25 2.86 -0.40	93.46 5.04 0.00	110.30 6.44 0.00	113.26 6.61 -0.05	102.99 5.00 0.00	83.91 3.33 -1.19	58.72 1.82 0.00	50.93 1.58 0.00	46.05 1.94 0.00	38.10 1.78 0.00
MUNSVILLE_WIND_PWR 323609	36.85 3.29 0.00	32.53 2.22 -0.34	31.28 2.06 -0.22	29.73 1.88 -0.98	29.03 1.80 -0.78	31.13 2.01 0.00	32.12 2.33 0.00	35.10 2.51 0.00	37.71 2.60 0.04	45.45 3.98 0.00	51.92 4.89 -0.03	54.68 5.19 0.00	59.01 5.78 -0.17	63.68 6.48 -0.29	73.09 7.67 -0.43	100.34 9.99 -1.93	118.13 11.94 -2.33	121.39 12.25 -2.54	112.72 12.65 -2.09	91.80 10.40 -2.02	64.95 7.97 -0.09	55.86 6.51 0.00	49.05 4.94 0.00	40.43 4.10 0.00
N SALMON___HYD 24042	33.33 -0.23 0.00	29.68 -0.30 0.00	28.56 -0.43 0.00	26.47 -0.40 0.00	26.05 -0.40 0.00	28.65 -0.47 0.00	29.43 -0.36 0.00	32.39 -0.19 0.00	35.15 0.00 0.00	41.47 0.00 0.00	47.05 0.05 0.00	48.99 -0.49 0.00	52.10 -0.95 0.00	55.82 -1.08 0.00	64.08 -0.91 0.00	86.56 -1.86 0.00	101.68 -2.19 0.00	103.61 -2.98 0.00	96.52 -1.47 0.00	78.43 -0.95 0.00	55.87 -1.02 0.00	48.81 -0.54 0.00	43.98 -0.13 0.00	35.96 -0.36 0.00
N.AKRON___115KV_KNAPP 355671	35.04 1.48 0.00	30.93 0.84 -0.12	29.62 0.55 -0.08	27.61 0.40 -0.34	27.05 0.26 -0.34	29.44 0.32 0.00	30.24 0.45 0.00	32.56 -0.03 0.00	34.94 -0.21 0.00	41.31 -0.17 0.00	47.61 0.61 0.00	50.68 1.19 0.00	54.65 1.59 0.00	58.33 1.42 0.00	67.14 2.14 0.00	89.92 1.50 0.00	104.80 0.93 0.00	106.92 0.32 -0.01	98.77 0.78 0.00	80.73 1.35 0.00	59.23 2.33 0.00	51.47 2.12 0.00	44.91 0.79 0.00	38.07 1.74 0.00
N.BELMOR_69_KV_BK1 55787	46.11 2.72 -9.83	40.06 2.64 -7.45	36.34 2.49 -4.85	31.71 2.34 -2.51	31.21 2.27 -2.49	31.83 2.59 -0.12	32.41 2.62 0.00	35.52 2.93 0.00	38.95 3.13 -0.67	44.90 3.28 -0.15	49.12 2.12 0.00	51.61 2.13 0.01	55.49 2.44 0.01	59.63 2.73 0.01	68.18 2.79 -0.39	93.37 4.95 0.01	110.30 6.44 0.01	113.15 6.50 -0.05	102.98 5.00 0.01	83.82 3.25 -1.19	58.82 1.93 0.01	50.92 1.58 0.01	46.41 2.29 0.00	42.73 2.62 -3.79
N.E._GEN_SANDY PD 24062	49.90 1.61 -14.73	43.32 1.62 -11.73	43.41 1.65 -12.76	39.41 1.53 -11.01	39.04 1.51 -11.08	45.43 1.66 -14.65	46.60 1.76 -15.05	37.10 1.73 -2.79	39.94 1.79 -3.00	43.40 1.91 -0.02	50.92 1.83 -2.09	57.44 1.88 -6.07	62.05 1.96 -7.03	64.78 2.11 -5.77	75.55 2.27 -8.28	92.06 3.63 -0.01	108.33 4.46 0.00	118.44 4.91 -6.94	114.83 3.82 -13.02	109.36 2.78 -27.20	100.59 1.82 -41.87	55.70 1.53 -4.82	50.00 1.77 -4.12	52.00 1.56 -14.12

N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	35.04 1.48 0.00	32.32 1.53 -0.82	31.04 1.51 -0.54	30.68 1.42 -2.39	30.22 1.40 -2.37	30.69 1.57 0.00	31.46 1.67 0.00	34.32 1.73 0.00	35.96 1.83 1.02	43.35 1.91 0.03	48.65 1.65 0.00	51.12 1.63 0.00	54.91 1.86 0.00	58.90 1.99 0.00	67.14 2.14 0.00	92.40 3.98 0.00	108.95 5.09 0.00	111.97 5.33 -0.05	101.91 3.92 0.00	83.06 2.54 -1.13	58.32 1.42 0.00	50.54 1.18 0.00	45.57 1.46 0.00	37.63 1.31 0.00
N.QUEENS_27_KV_LOAD 356247	35.75 2.18 -0.01	33.00 2.16 -0.87	31.60 2.03 -0.57	31.31 1.93 -2.50	30.84 1.90 -2.49	31.13 2.01 0.00	31.91 2.12 0.00	34.97 2.38 0.00	38.28 2.46 -0.67	44.02 2.53 -0.02	49.02 2.02 0.00	51.52 2.03 0.00	55.28 2.23 0.00	59.52 2.62 0.01	68.24 2.86 -0.39	93.56 5.13 -0.01	110.41 6.54 -0.01	113.16 6.50 -0.06	102.90 4.90 -0.01	83.84 3.25 -1.20	58.65 1.76 0.01	50.82 1.48 0.01	46.02 1.90 -0.01	38.15 1.82 -0.01
N.TROY___115KV_TB1 355778	35.30 1.75 0.00	34.15 1.74 -2.43	32.33 1.74 -1.59	35.58 1.61 -7.10	32.53 1.56 -4.52	30.84 1.72 0.00	31.55 1.76 0.00	34.32 1.73 0.00	37.44 1.86 -0.43	43.64 2.16 -0.01	49.21 2.21 0.00	51.86 2.38 0.00	55.57 2.49 -0.02	59.60 2.67 -0.02	74.66 2.99 -6.68	92.77 4.33 -0.02	109.16 5.30 0.00	112.33 5.54 -0.20	102.71 4.70 -0.02	97.08 3.81 -13.89	59.51 2.62 0.00	51.67 2.32 0.00	46.36 2.25 0.00	38.25 1.93 0.00
NARROWS_GT1_1 24228	35.91 2.35 0.00	33.02 2.19 -0.86	31.65 2.09 -0.56	31.33 1.96 -2.50	30.90 1.96 -2.50	31.30 2.19 0.00	32.03 2.24 0.00	35.13 2.54 0.00	38.56 2.74 -0.67	44.23 2.74 -0.02	49.21 2.21 0.00	51.72 2.23 0.00	55.45 2.39 0.00	67.00 2.68 -7.42	86.97 2.93 -19.05	93.69 5.22 -0.06	110.52 6.65 0.00	113.36 6.72 -0.05	103.07 5.09 0.01	72.55 3.26 10.09	73.39 1.77 -14.72	47.80 1.48 3.03	46.01 1.90 0.00	38.25 1.92 0.00
NARROWS_GT1_2 24229	35.91 2.35 0.00	33.02 2.19 -0.86	31.65 2.09 -0.56	31.33 1.96 -2.50	30.90 1.96 -2.50	31.30 2.19 0.00	32.03 2.24 0.00	35.13 2.54 0.00	38.56 2.74 -0.67	44.23 2.74 -0.02	49.21 2.21 0.00	51.72 2.23 0.00	55.45 2.39 0.00	67.00 2.68 -7.42	86.97 2.93 -19.05	93.69 5.22 -0.06	110.52 6.65 0.00	113.36 6.72 -0.05	103.07 5.09 0.01	72.55 3.26 10.09	73.39 1.77 -14.72	47.80 1.48 3.03	46.01 1.90 0.00	38.25 1.92 0.00
NARROWS_GT1_3 24230	35.91 2.35 0.00	33.02 2.19 -0.86	31.65 2.09 -0.56	31.33 1.96 -2.50	30.90 1.96 -2.50	31.30 2.19 0.00	32.03 2.24 0.00	35.13 2.54 0.00	38.56 2.74 -0.67	44.23 2.74 -0.02	49.21 2.21 0.00	51.72 2.23 0.00	55.45 2.39 0.00	67.00 2.68 -7.42	86.97 2.93 -19.05	93.69 5.22 -0.06	110.52 6.65 0.00	113.36 6.72 -0.05	103.07 5.09 0.01	72.55 3.26 10.09	73.39 1.77 -14.72	47.80 1.48 3.03	46.01 1.90 0.00	38.25 1.92 0.00
NARROWS_GT1_4 24231	35.91 2.35 0.00	33.02 2.19 -0.86	31.65 2.09 -0.56	31.33 1.96 -2.50	30.90 1.96 -2.50	31.30 2.19 0.00	32.03 2.24 0.00	35.13 2.54 0.00	38.56 2.74 -0.67	44.23 2.74 -0.02	49.21 2.21 0.00	51.72 2.23 0.00	55.45 2.39 0.00	67.00 2.68 -7.42	86.97 2.93 -19.05	93.69 5.22 -0.06	110.52 6.65 0.00	113.36 6.72 -0.05	103.07 5.09 0.01	72.55 3.26 10.09	73.39 1.77 -14.72	47.80 1.48 3.03	46.01 1.90 0.00	38.25 1.92 0.00
NARROWS_GT1_5 24232	35.91 2.35 0.00	33.02 2.19 -0.86	31.65 2.09 -0.56	31.33 1.96 -2.50	30.90 1.96 -2.50	31.30 2.19 0.00	32.03 2.24 0.00	35.13 2.54 0.00	38.56 2.74 -0.67	44.23 2.74 -0.02	49.21 2.21 0.00	51.72 2.23 0.00	55.45 2.39 0.00	67.00 2.68 -7.42	86.97 2.93 -19.05	93.69 5.22 -0.06	110.52 6.65 0.00	113.36 6.72 -0.05	103.07 5.09 0.01	72.55 3.26 10.09	73.39 1.77 -14.72	47.80 1.48 3.03	46.01 1.90 0.00	38.25 1.92 0.00
NARROWS_GT1_6 24233	35.91 2.35 0.00	33.02 2.19 -0.86	31.65 2.09 -0.56	31.33 1.96 -2.50	30.90 1.96 -2.50	31.30 2.19 0.00	32.03 2.24 0.00	35.13 2.54 0.00	38.56 2.74 -0.67	44.23 2.74 -0.02	49.21 2.21 0.00	51.72 2.23 0.00	55.45 2.39 0.00	67.00 2.68 -7.42	86.97 2.93 -19.05	93.69 5.22 -0.06	110.52 6.65 0.00	113.36 6.72 -0.05	103.07 5.09 0.01	72.55 3.26 10.09	73.39 1.77 -14.72	47.80 1.48 3.03	46.01 1.90 0.00	38.25 1.92 0.00
NARROWS_GT1_7 24234	35.91 2.35 0.00	33.02 2.19 -0.86	31.65 2.09 -0.56	31.33 1.96 -2.50	30.90 1.96 -2.50	31.30 2.19 0.00	32.03 2.24 0.00	35.13 2.54 0.00	38.56 2.74 -0.67	44.23 2.74 -0.02	49.21 2.21 0.00	51.72 2.23 0.00	55.45 2.39 0.00	67.00 2.68 -7.42	86.97 2.93 -19.05	93.69 5.22 -0.06	110.52 6.65 0.00	113.36 6.72 -0.05	103.07 5.09 0.01	72.55 3.26 10.09	73.39 1.77 -14.72	47.80 1.48 3.03	46.01 1.90 0.00	38.25 1.92 0.00
NARROWS_GT1_8 24235	35.91 2.35 0.00	33.02 2.19 -0.86	31.65 2.09 -0.56	31.33 1.96 -2.50	30.90 1.96 -2.50	31.30 2.19 0.00	32.03 2.24 0.00	35.13 2.54 0.00	38.56 2.74 -0.67	44.23 2.74 -0.02	49.21 2.21 0.00	51.72 2.23 0.00	55.45 2.39 0.00	67.00 2.68 -7.42	86.97 2.93 -19.05	93.69 5.22 -0.06	110.52 6.65 0.00	113.36 6.72 -0.05	103.07 5.09 0.01	72.55 3.26 10.09	73.39 1.77 -14.72	47.80 1.48 3.03	46.01 1.90 0.00	38.25 1.92 0.00
NARROWS_GT2_1 24236	35.91 2.35 0.00	33.02 2.19 -0.86	31.65 2.09 -0.56	31.33 1.96 -2.50	30.90 1.96 -2.50	31.30 2.19 0.00	32.03 2.24 0.00	35.13 2.54 0.00	38.56 2.74 -0.67	44.23 2.74 -0.02	49.21 2.21 0.00	51.72 2.23 0.00	55.45 2.39 0.00	67.00 2.68 -7.42	86.97 2.93 -19.05	93.69 5.22 -0.06	110.52 6.65 0.00	113.36 6.72 -0.05	103.07 5.09 0.01	72.55 3.26 10.09	73.39 1.77 -14.72	47.80 1.48 3.03	46.01 1.90 0.00	38.25 1.92 0.00
NARROWS_GT2_2 24237	35.91 2.35 0.00	33.02 2.19 -0.86	31.65 2.09 -0.56	31.33 1.96 -2.50	30.90 1.96 -2.50	31.30 2.19 0.00	32.03 2.24 0.00	35.13 2.54 0.00	38.56 2.74 -0.67	44.23 2.74 -0.02	49.21 2.21 0.00	51.72 2.23 0.00	55.45 2.39 0.00	67.00 2.68 -7.42	86.97 2.93 -19.05	93.69 5.22 -0.06	110.52 6.65 0.00	113.36 6.72 -0.05	103.07 5.09 0.01	72.55 3.26 10.09	73.39 1.77 -14.72	47.80 1.48 3.03	46.01 1.90 0.00	38.25 1.92 0.00
NARROWS_GT2_3 24238	35.91 2.35 0.00	33.02 2.19 -0.86	31.65 2.09 -0.56	31.33 1.96 -2.50	30.90 1.96 -2.50	31.30 2.19 0.00	32.03 2.24 0.00	35.13 2.54 0.00	38.56 2.74 -0.67	44.23 2.74 -0.02	49.21 2.21 0.00	51.72 2.23 0.00	55.45 2.39 0.00	67.00 2.68 -7.42	86.97 2.93 -19.05	93.69 5.22 -0.06	110.52 6.65 0.00	113.36 6.72 -0.05	103.07 5.09 0.01	72.55 3.26 10.09	73.39 1.77 -14.72	47.80 1.48 3.03	46.01 1.90 0.00	38.25 1.92 0.00
NARROWS_GT2_4 24239	35.91 2.35 0.00	33.02 2.19 -0.86	31.65 2.09 -0.56	31.33 1.96 -2.50	30.90 1.96 -2.50	31.30 2.19 0.00	32.03 2.24 0.00	35.13 2.54 0.00	38.56 2.74 -0.67	44.23 2.74 -0.02	49.21 2.21 0.00	51.72 2.23 0.00	55.45 2.39 0.00	67.00 2.68 -7.42	86.97 2.93 -19.05	93.69 5.22 -0.06	110.52 6.65 0.00	113.36 6.72 -0.05	103.07 5.09 0.01	72.55 3.26 10.09	73.39 1.77 -14.72	47.80 1.48 3.03	46.01 1.90 0.00	38.25 1.92 0.00

NARROWS_GT2_5 24240	35.91 2.35 0.00	33.02 2.19 -0.86	31.65 2.09 -0.56	31.33 1.96 -2.50	30.90 1.96 -2.50	31.30 2.19 0.00	32.03 2.24 0.00	35.13 2.54 0.00	38.56 2.74 -0.67	44.23 2.74 -0.02	49.21 2.21 0.00	51.72 2.23 0.00	55.45 2.39 0.00	67.00 2.68 -7.42	86.97 2.93 -19.05	93.69 5.22 -0.06	110.52 6.65 0.00	113.36 6.72 -0.05	103.07 5.09 0.01	72.55 3.26 10.09	73.39 1.77 -14.72	47.80 1.48 3.03	46.01 1.90 0.00	38.25 1.92 0.00
NARROWS_GT2_6 24241	35.91 2.35 0.00	33.02 2.19 -0.86	31.65 2.09 -0.56	31.33 1.96 -2.50	30.90 1.96 -2.50	31.30 2.19 0.00	32.03 2.24 0.00	35.13 2.54 0.00	38.56 2.74 -0.67	44.23 2.74 -0.02	49.21 2.21 0.00	51.72 2.23 0.00	55.45 2.39 0.00	67.00 2.68 -7.42	86.97 2.93 -19.05	93.69 5.22 -0.06	110.52 6.65 0.00	113.36 6.72 -0.05	103.07 5.09 0.01	72.55 3.26 10.09	73.39 1.77 -14.72	47.80 1.48 3.03	46.01 1.90 0.00	38.25 1.92 0.00
NARROWS_GT2_7 24242	35.91 2.35 0.00	33.02 2.19 -0.86	31.65 2.09 -0.56	31.33 1.96 -2.50	30.90 1.96 -2.50	31.30 2.19 0.00	32.03 2.24 0.00	35.13 2.54 0.00	38.56 2.74 -0.67	44.23 2.74 -0.02	49.21 2.21 0.00	51.72 2.23 0.00	55.45 2.39 0.00	67.00 2.68 -7.42	86.97 2.93 -19.05	93.69 5.22 -0.06	110.52 6.65 0.00	113.36 6.72 -0.05	103.07 5.09 0.01	72.55 3.26 10.09	73.39 1.77 -14.72	47.80 1.48 3.03	46.01 1.90 0.00	38.25 1.92 0.00
NARROWS_GT2_8 24243	35.91 2.35 0.00	33.02 2.19 -0.86	31.65 2.09 -0.56	31.33 1.96 -2.50	30.90 1.96 -2.50	31.30 2.19 0.00	32.03 2.24 0.00	35.13 2.54 0.00	38.56 2.74 -0.67	44.23 2.74 -0.02	49.21 2.21 0.00	51.72 2.23 0.00	55.45 2.39 0.00	67.00 2.68 -7.42	86.97 2.93 -19.05	93.69 5.22 -0.06	110.52 6.65 0.00	113.36 6.72 -0.05	103.07 5.09 0.01	72.55 3.26 10.09	73.39 1.77 -14.72	47.80 1.48 3.03	46.01 1.90 0.00	38.25 1.92 0.00
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	35.74 2.18 0.00	33.39 1.92 -1.49	31.83 1.86 -0.98	32.92 1.69 -4.36	31.53 1.64 -3.44	31.04 1.92 0.00	31.82 2.03 0.00	34.48 1.89 0.00	37.53 2.04 -0.34	43.43 1.95 -0.01	49.21 2.21 0.00	52.06 2.57 0.00	55.26 2.23 0.02	59.33 2.45 0.02	61.10 3.12 7.01	92.65 4.24 0.02	108.54 4.67 0.00	112.82 6.18 -0.04	102.97 5.00 0.02	89.07 3.89 -5.80	59.80 2.90 0.00	51.77 2.42 0.00	46.94 2.82 0.00	38.72 2.40 0.00
NCHELSEA_115KV_TR2 355582	35.54 1.98 0.00	32.79 1.95 -0.87	31.42 1.86 -0.57	31.15 1.75 -2.53	30.62 1.67 -2.50	31.04 1.92 0.00	31.82 2.03 0.00	34.74 2.15 0.00	37.63 2.21 -0.27	43.85 2.36 -0.01	49.30 2.30 0.00	51.91 2.42 0.00	55.87 2.81 0.00	59.92 3.02 0.00	68.37 3.38 0.00	94.17 5.75 0.00	110.82 6.96 0.00	113.90 7.25 -0.05	103.87 5.88 0.00	84.77 4.13 -1.26	59.51 2.62 0.00	51.52 2.17 0.00	46.36 2.25 0.00	38.32 2.00 0.00
NEG CAPITAL___MECHNVIL 23645	36.14 2.58 0.00	35.03 2.40 -2.65	33.06 2.32 -1.74	36.76 2.15 -7.74	33.30 2.09 -4.76	31.36 2.24 0.00	32.12 2.33 0.00	34.97 2.38 0.00	38.17 2.60 -0.42	44.68 3.19 -0.01	50.43 3.43 0.00	53.35 3.86 0.00	57.21 4.14 -0.01	61.41 4.49 -0.01	74.93 5.13 -4.80	95.59 7.16 -0.01	112.59 8.73 0.00	115.63 8.84 -0.19	105.94 7.93 -0.01	101.73 6.51 -15.84	61.50 4.61 0.00	53.40 4.05 0.00	47.69 3.57 0.00	39.26 2.94 0.00
NEG CENTRAL_HIGH_ACRES 23767	33.66 0.10 0.00	30.01 -0.06 -0.09	28.80 -0.26 -0.06	26.84 -0.29 -0.27	26.46 -0.26 -0.27	28.89 -0.23 0.00	29.46 -0.33 0.00	32.13 -0.46 0.00	34.73 -0.42 0.00	41.23 -0.25 0.00	47.35 0.33 -0.02	50.23 0.74 0.00	54.32 1.17 -0.10	58.32 1.25 -0.17	66.93 1.69 -0.25	91.22 1.68 -1.13	106.26 1.04 -1.36	108.83 0.75 -1.48	100.19 0.98 -1.22	81.24 1.19 -0.67	58.37 1.42 -0.05	50.53 1.18 0.00	44.42 0.31 0.00	37.01 0.69 0.00
NEG CENTRAL___DRP 24199	34.23 0.67 0.00	30.53 0.45 -0.10	29.38 0.32 -0.07	27.41 0.24 -0.30	26.96 0.21 -0.30	29.44 0.32 0.00	30.18 0.39 0.00	32.78 0.20 0.00	35.32 0.18 0.00	41.97 0.50 0.00	48.08 1.03 -0.05	50.83 1.34 0.00	55.07 1.75 -0.27	59.28 1.93 -0.44	68.06 2.40 -0.66	94.32 2.92 -2.98	110.58 3.12 -3.60	113.48 2.98 -3.90	104.16 2.94 -3.23	83.53 2.38 -1.77	59.19 2.16 -0.13	51.08 1.73 0.00	45.04 0.93 0.00	37.38 1.05 0.00
NEG CENTRAL___INDECK 23768	34.80 1.24 0.00	31.05 0.93 -0.14	29.73 0.64 -0.09	27.76 0.48 -0.41	27.20 0.34 -0.40	29.56 0.44 0.00	30.21 0.42 0.00	32.62 0.03 0.00	34.94 -0.21 0.00	41.10 -0.37 0.00	45.64 -1.36 0.00	48.30 -1.19 0.00	52.26 -0.79 0.00	55.94 -0.97 0.00	64.15 -0.85 0.00	87.18 -1.24 0.00	101.68 -2.19 0.00	105.22 -1.39 -0.01	97.11 -0.88 0.00	79.78 0.40 0.00	58.72 1.82 0.00	50.93 1.58 0.00	44.60 0.49 0.00	38.36 2.03 0.00
NEG CENTRAL___SENECA 23627	34.43 0.87 0.00	30.75 0.66 -0.11	29.54 0.46 -0.08	27.58 0.38 -0.33	27.10 0.32 -0.33	29.59 0.47 0.00	30.33 0.54 0.00	32.85 0.26 0.00	35.39 0.25 0.00	42.10 0.62 0.00	48.34 1.32 -0.02	51.17 1.68 0.00	55.31 2.12 -0.14	59.46 2.33 -0.22	68.25 2.92 -0.33	93.38 3.45 -1.52	109.54 3.84 -1.83	112.21 3.62 -1.99	103.26 3.63 -1.64	83.30 3.02 -0.90	59.70 2.73 -0.07	51.52 2.17 0.00	45.30 1.19 0.00	37.67 1.34 0.00
NEG CENTRAL___STATE_STREET 24147	34.43 0.87 0.00	30.71 0.63 -0.10	29.56 0.49 -0.07	27.62 0.46 -0.29	27.17 0.42 -0.29	29.67 0.55 0.00	30.39 0.60 0.00	33.14 0.55 0.00	35.75 0.60 0.00	42.26 0.79 0.00	48.39 1.32 -0.07	51.02 1.53 0.00	55.45 2.02 -0.38	59.70 2.16 -0.63	68.47 2.53 -0.94	96.03 3.36 -4.25	112.74 3.74 -5.14	116.42 4.26 -5.56	106.71 4.12 -4.61	85.16 3.25 -2.52	59.76 2.67 -0.19	51.52 2.17 0.00	45.53 1.41 0.00	37.63 1.31 0.00
NEG MILLWOOD___DRP 24198	35.64 2.08 0.00	32.92 2.07 -0.87	31.54 1.97 -0.57	31.28 1.85 -2.55	30.72 1.75 -2.53	31.10 1.98 0.00	31.93 2.14 0.00	35.03 2.44 0.00	38.29 2.60 -0.54	44.39 2.90 -0.02	49.91 2.91 0.00	52.56 3.07 0.00	56.61 3.55 0.00	60.72 3.81 0.00	69.66 4.29 -0.37	95.41 6.99 0.00	112.48 8.62 0.00	115.71 9.06 -0.05	105.24 7.25 0.00	86.11 5.48 -1.25	60.37 3.47 0.00	52.11 2.76 0.00	46.67 2.56 0.00	38.47 2.14 0.00
NEG NORTH_FLCN_SEA 23793	33.63 0.07 0.00	29.92 -0.06 0.00	28.82 -0.17 0.00	26.68 -0.19 0.00	26.40 -0.05 0.00	29.03 -0.09 0.00	29.79 0.00 0.00	32.82 0.23 0.00	35.57 0.42 0.00	41.93 0.46 0.00	47.56 0.56 0.00	48.60 -0.89 0.00	51.14 -1.91 0.00	54.40 -2.50 0.00	62.39 -2.60 0.00	84.35 -4.07 0.00	99.09 -4.78 0.00	101.37 -5.22 0.00	94.27 -3.72 0.00	76.52 -2.86 0.00	54.45 -2.45 0.00	48.46 -0.89 0.00	44.42 0.31 0.00	36.25 -0.07 0.00
NEG NORTH_KES_CHATEGAY 23792	33.22 -0.34 0.00	29.59 -0.39 0.00	28.53 -0.46 0.00	26.41 -0.46 0.00	26.11 -0.34 0.00	28.71 -0.41 0.00	29.46 -0.33 0.00	32.43 -0.16 0.00	35.15 0.00 0.00	41.43 -0.04 0.00	47.00 0.00 0.00	48.80 -0.69 0.00	51.83 -1.22 0.00	55.43 -1.48 0.00	63.56 -1.43 0.00	85.94 -2.48 0.00	101.16 -2.70 0.00	103.50 -3.09 0.00	96.03 -1.96 0.00	77.95 -1.43 0.00	55.59 -1.31 0.00	48.66 -0.69 0.00	43.94 -0.18 0.00	35.85 -0.47 0.00

NEG NORTH___ALICE_FALLS 23915	33.59 0.03 0.00	29.89 -0.09 0.00	28.79 -0.20 0.00	26.66 -0.21 0.00	26.37 -0.08 0.00	29.00 -0.12 0.00	29.76 -0.03 0.00	32.78 0.20 0.00	35.57 0.42 0.00	41.93 0.46 0.00	47.52 0.52 0.00	48.94 -0.54 0.00	51.68 -1.38 0.00	55.08 -1.82 0.00	63.24 -1.75 0.00	85.41 -3.01 0.00	100.33 -3.53 0.00	102.55 -4.05 0.00	95.54 -2.45 0.00	77.56 -1.83 0.00	55.19 -1.71 0.00	48.76 -0.59 0.00	44.42 0.31 0.00	36.21 -0.11 0.00
NEG NORTH___LWR_SARANAC 23913	33.59 0.03 0.00	29.89 -0.09 0.00	28.79 -0.20 0.00	26.66 -0.21 0.00	26.37 -0.08 0.00	29.00 -0.12 0.00	29.76 -0.03 0.00	32.78 0.20 0.00	35.57 0.42 0.00	41.93 0.46 0.00	47.52 0.52 0.00	48.94 -0.54 0.00	51.68 -1.38 0.00	55.08 -1.82 0.00	63.24 -1.75 0.00	85.41 -3.01 0.00	100.33 -3.53 0.00	102.55 -4.05 0.00	95.54 -2.45 0.00	77.56 -1.83 0.00	55.19 -1.71 0.00	48.76 -0.59 0.00	44.42 0.31 0.00	36.21 -0.11 0.00
NEG NORTH___PLATTSBURG 23628	33.59 0.03 0.00	29.95 -0.03 0.00	28.80 -0.20 0.00	26.68 -0.19 0.00	26.37 -0.08 0.00	29.03 -0.09 0.00	29.79 0.00 0.00	32.79 0.20 0.00	35.57 0.42 0.00	41.93 0.46 0.00	47.52 0.52 0.00	48.95 -0.54 0.00	51.67 -1.38 0.00	55.08 -1.82 0.00	63.24 -1.75 0.00	85.41 -3.01 0.00	100.33 -3.53 0.00	102.55 -4.05 0.00	95.54 -2.45 0.00	77.56 -1.82 0.00	55.19 -1.71 0.00	48.76 -0.59 0.00	44.42 0.31 0.00	36.21 -0.11 0.00
NEG WEST_LEA_LOCKPORT 23791	34.36 0.81 0.00	30.40 0.30 -0.12	29.13 0.06 -0.08	27.14 -0.08 -0.35	26.62 -0.19 -0.35	28.95 -0.17 0.00	29.70 -0.09 0.00	31.84 -0.75 0.00	34.09 -1.05 0.00	40.23 -1.24 0.00	46.30 -0.71 0.00	49.29 -0.20 0.00	53.11 0.05 0.00	56.73 -0.17 0.00	65.32 0.32 0.00	87.18 -1.24 0.00	101.79 -2.08 0.00	103.94 -2.66 -0.01	95.93 -2.06 0.00	78.27 -1.11 0.00	57.69 0.80 0.00	50.14 0.79 0.00	43.76 -0.35 0.00	37.34 1.02 0.00
NEG WEST___LANCASTR 23811	34.77 1.21 0.00	30.84 0.72 -0.14	29.58 0.49 -0.09	27.59 0.30 -0.42	26.07 -0.79 -0.41	29.38 0.26 0.00	30.18 0.39 0.00	32.49 -0.10 0.00	34.90 -0.25 0.00	41.27 -0.21 0.00	47.52 0.52 0.00	50.48 0.99 0.00	54.49 1.43 0.00	58.38 1.48 0.00	67.14 2.14 0.00	89.92 1.50 0.00	105.11 1.25 0.00	107.67 1.07 -0.01	99.26 1.27 0.00	80.65 1.27 0.00	59.06 2.16 0.00	51.28 1.92 0.00	44.69 0.57 0.00	37.78 1.45 0.00
NEG_PENN_ALLEGHNY 23528	34.40 0.84 0.00	30.92 0.66 -0.28	29.76 0.58 -0.19	28.19 0.48 -0.83	27.58 0.37 -0.76	29.53 0.41 0.00	30.35 0.56 0.00	33.04 0.46 0.00	35.55 0.46 0.05	42.18 0.70 0.00	48.11 1.08 -0.03	50.73 1.24 0.00	54.81 1.59 -0.16	58.94 1.77 -0.27	67.47 2.08 -0.40	92.87 2.65 -1.80	108.94 2.90 -2.18	111.85 2.88 -2.37	102.68 2.74 -1.95	83.29 2.30 -1.61	59.02 2.05 -0.08	51.03 1.68 0.00	45.17 1.06 0.00	37.48 1.16 0.00
NEG___GEN_MONROE 24207	34.80 1.24 0.00	30.97 0.90 -0.10	29.67 0.61 -0.06	27.63 0.48 -0.28	27.16 0.42 -0.29	29.50 0.38 0.00	30.27 0.48 0.00	32.82 0.23 0.00	35.29 0.14 0.00	41.89 0.41 0.00	48.13 1.13 0.00	51.22 1.73 0.00	55.12 2.07 0.00	58.95 2.05 0.00	67.79 2.79 0.00	91.16 2.74 0.00	105.94 2.08 0.00	107.99 1.39 -0.01	99.75 1.76 0.00	81.29 1.91 0.00	59.12 2.22 0.00	51.42 2.07 0.00	45.08 0.97 0.00	37.92 1.60 0.00
NEPA___ENERGY 23901	34.97 1.41 0.00	31.05 0.93 -0.15	29.79 0.70 -0.10	27.75 0.46 -0.42	26.89 0.03 -0.42	29.56 0.44 0.00	30.36 0.57 0.00	32.69 0.10 0.00	35.15 0.00 0.00	41.60 0.12 0.00	47.85 0.85 0.00	50.83 1.34 0.00	54.75 1.70 0.00	58.67 1.76 0.00	67.46 2.47 0.00	90.37 1.95 0.00	105.63 1.77 0.00	108.20 1.60 -0.01	99.85 1.86 0.00	81.21 1.83 0.00	59.46 2.56 0.00	51.62 2.27 0.00	45.08 0.97 0.00	38.07 1.74 0.00
NEVERSINK___HYD 23608	34.73 1.17 0.00	31.78 1.02 -0.78	30.53 1.01 -0.51	30.10 0.94 -2.29	29.54 0.90 -2.19	30.17 1.05 0.00	30.92 1.13 0.00	33.70 1.11 0.00	36.01 1.12 0.27	42.42 0.95 0.01	47.71 0.71 0.00	50.18 0.69 0.00	54.17 1.12 0.00	56.28 -0.62 0.00	63.72 -0.71 0.56	88.68 0.27 0.00	104.80 0.93 0.00	108.45 1.81 -0.04	99.17 1.18 0.00	81.15 0.32 -1.45	56.84 -0.06 0.00	50.49 1.14 0.00	45.31 1.19 0.00	37.38 1.05 0.00
NEWKRMKL_115KV_TB1 55635	34.70 1.14 0.00	33.19 1.20 -2.02	31.54 1.22 -1.32	33.89 1.13 -5.89	31.63 1.08 -4.10	30.31 1.19 0.00	31.01 1.22 0.00	33.70 1.11 0.00	36.77 1.20 -0.43	42.86 1.37 -0.01	48.32 1.32 0.00	50.97 1.48 0.00	54.43 1.38 0.00	58.38 1.48 0.00	65.00 1.62 1.62	90.89 2.48 0.00	107.08 3.22 0.00	110.12 3.41 -0.11	100.53 2.55 0.00	91.57 2.06 -10.12	58.26 1.37 0.00	50.49 1.14 0.00	45.53 1.41 0.00	37.56 1.23 0.00
NEWTON___FALLS_HYD 23847	33.39 -0.17 0.00	29.50 -0.48 0.00	28.42 -0.58 0.00	26.28 -0.59 0.00	25.75 -0.74 -0.04	28.22 -0.90 0.00	28.99 -0.80 0.00	31.84 -0.75 0.00	34.37 -0.77 0.00	40.94 -0.54 -0.03	46.47 -0.56 0.00	48.90 -0.59 0.00	52.36 -0.85 -0.16	56.48 -0.68 -0.26	64.87 -0.52 -0.39	89.04 -1.15 -1.77	104.75 -1.25 -2.14	106.99 -1.92 -2.31	99.42 -0.49 -1.92	80.27 -0.16 -1.05	56.80 -0.17 -0.08	49.15 -0.20 0.00	43.98 -0.13 0.00	36.21 -0.11 0.00
NGRID_A1_DSASP 323792	33.39 -0.17 0.00	30.22 0.12 -0.12	28.96 -0.12 -0.08	26.96 -0.27 -0.36	26.49 -0.32 -0.36	28.71 -0.41 0.00	29.28 -0.51 0.00	31.22 -1.37 0.00	33.64 -1.51 0.00	39.65 -1.82 0.00	45.54 -1.46 0.00	48.50 -0.99 0.00	52.20 -0.85 0.00	55.88 -1.02 0.00	64.22 -0.78 0.00	85.77 -2.65 0.00	100.13 -3.73 0.00	102.23 -4.38 -0.01	94.37 -3.62 0.00	77.08 -2.30 0.00	56.78 -0.11 0.00	49.40 0.05 0.00	43.14 -0.97 0.00	36.72 0.40 0.00
NGRID_A2_DSASP 323793	33.39 -0.17 0.00	30.22 0.12 -0.12	28.96 -0.12 -0.08	26.96 -0.27 -0.36	26.49 -0.32 -0.36	28.71 -0.41 0.00	29.28 -0.51 0.00	31.22 -1.37 0.00	33.64 -1.51 0.00	39.65 -1.82 0.00	45.54 -1.46 0.00	48.50 -0.99 0.00	52.20 -0.85 0.00	55.88 -1.02 0.00	64.22 -0.78 0.00	85.77 -2.65 0.00	100.13 -3.73 0.00	102.23 -4.38 -0.01	94.37 -3.62 0.00	77.08 -2.30 0.00	56.78 -0.11 0.00	49.40 0.05 0.00	43.14 -0.97 0.00	36.72 0.40 0.00
NGRID_A4_DSASP 323807	33.73 0.17 0.00	30.28 0.18 -0.12	29.05 -0.03 -0.08	27.07 -0.16 -0.36	26.62 -0.19 -0.36	28.80 -0.32 0.00	29.49 -0.30 0.00	31.35 -1.24 0.00	33.64 -1.51 0.00	39.65 -1.82 0.00	45.54 -1.46 0.00	48.55 -0.94 0.00	52.21 -0.85 0.00	55.77 -1.14 0.00	64.21 -0.78 0.00	85.77 -2.65 0.00	100.12 -3.74 0.00	102.23 -4.37 -0.01	94.46 -3.53 0.00	77.00 -2.38 0.00	56.78 -0.11 0.00	49.40 0.05 0.00	43.14 -0.97 0.00	36.72 0.40 0.00
NIAGARA_115E_LBMP 323715	33.73 0.17 0.00	29.92 -0.18 -0.12	28.67 -0.41 -0.08	26.69 -0.54 -0.36	26.17 -0.64 -0.36	28.42 -0.70 0.00	29.13 -0.66 0.00	31.25 -1.34 0.00	33.67 -1.47 0.00	39.77 -1.70 0.00	45.73 -1.27 0.00	48.70 -0.79 0.00	52.42 -0.63 0.00	56.05 -0.85 0.00	64.47 -0.52 0.00	86.12 -2.30 0.00	100.54 -3.33 0.00	102.66 -3.94 -0.01	94.85 -3.14 0.00	77.40 -1.98 0.00	57.01 0.11 0.00	49.60 0.25 0.00	43.27 -0.84 0.00	36.87 0.55 0.00

NIAGARA_115W_LBMP 323714	33.29 -0.27 0.00	30.16 0.06 -0.12	28.93 -0.14 -0.08	26.93 -0.29 -0.36	26.46 -0.34 -0.36	28.65 -0.47 0.00	29.22 -0.57 0.00	31.12 -1.47 0.00	33.57 -1.58 0.00	39.57 -1.91 0.00	45.45 -1.55 0.00	48.40 -1.09 0.00	52.10 -0.95 0.00	55.71 -1.20 0.00	64.08 -0.91 0.00	85.50 -2.92 0.00	99.81 -4.05 0.00	102.02 -4.58 -0.01	94.17 -3.82 0.00	76.84 -2.54 0.00	56.61 -0.28 0.00	49.30 -0.05 0.00	43.01 -1.10 0.00	36.65 0.33 0.00
NIAGARA_230_LBMP 323716	33.76 0.20 0.00	30.22 0.12 -0.12	28.99 -0.09 -0.08	26.98 -0.24 -0.35	26.49 -0.32 -0.35	28.74 -0.38 0.00	29.43 -0.36 0.00	31.58 -1.01 0.00	34.02 -1.13 0.00	40.19 -1.29 0.00	46.11 -0.89 0.00	49.14 -0.34 0.00	52.84 -0.21 0.00	56.57 -0.34 0.00	64.99 0.00 0.00	86.92 -1.50 0.00	101.37 -2.49 0.00	103.62 -2.98 -0.01	95.64 -2.35 0.00	78.03 -1.35 0.00	57.41 0.51 0.00	49.99 0.64 0.00	43.67 -0.44 0.00	37.12 0.80 0.00
NIAGARA__115KV_198_GIBSON 55903	33.63 0.07 0.00	30.22 0.12 -0.12	28.99 -0.09 -0.08	27.01 -0.21 -0.36	26.60 -0.21 -0.36	28.74 -0.38 0.00	29.43 -0.36 0.00	31.25 -1.34 0.00	33.57 -1.58 0.00	39.57 -1.91 0.00	45.45 -1.55 0.00	48.40 -1.09 0.00	52.10 -0.95 0.00	55.60 -1.31 0.00	64.08 -0.91 0.00	85.50 -2.92 0.00	99.81 -4.05 0.00	102.02 -4.58 -0.01	94.17 -3.82 0.00	76.84 -2.54 0.00	56.61 -0.28 0.00	49.30 -0.05 0.00	43.01 -1.10 0.00	36.65 0.33 0.00
NIAGARA____ 23760	33.42 -0.13 0.00	29.98 -0.12 -0.12	28.76 -0.32 -0.08	26.77 -0.46 -0.36	26.25 -0.56 -0.36	28.51 -0.61 0.00	29.16 -0.63 0.00	31.32 -1.27 0.00	33.74 -1.41 0.00	39.86 -1.62 0.00	45.83 -1.17 0.00	48.80 -0.69 0.00	52.52 -0.53 0.00	56.22 -0.68 0.00	64.61 -0.39 0.00	86.39 -2.03 0.00	100.75 -3.11 0.00	102.98 -3.62 -0.01	95.05 -2.94 0.00	77.56 -1.82 0.00	57.07 0.17 0.00	49.65 0.30 0.00	43.32 -0.79 0.00	36.76 0.44 0.00
NINE_MILE_1 23575	32.72 -0.84 0.00	29.17 -0.81 0.00	28.19 -0.81 0.00	26.12 -0.75 0.00	25.81 -0.74 -0.10	28.30 -0.82 0.00	28.96 -0.83 0.00	31.61 -0.98 0.00	34.09 -1.05 0.00	40.31 -1.16 0.00	45.39 -1.17 0.43	48.40 -1.09 0.00	49.57 -1.12 2.37	51.85 -1.14 3.91	57.93 -1.24 5.83	60.18 -1.86 26.38	69.71 -2.29 31.86	69.58 -2.56 34.45	67.15 -2.25 28.59	61.99 -1.75 15.65	54.59 -1.14 1.17	48.36 -0.99 0.00	43.01 -1.10 0.00	35.56 -0.76 0.00
NINE_MILE_2 23744	32.72 -0.84 0.00	29.17 -0.81 0.00	28.19 -0.81 0.00	26.12 -0.75 0.00	25.81 -0.74 -0.10	28.30 -0.82 0.00	28.96 -0.83 0.00	31.61 -0.98 0.00	34.09 -1.05 0.00	40.31 -1.16 0.00	45.39 -1.17 0.44	48.40 -1.09 0.00	49.54 -1.12 2.40	51.79 -1.14 3.97	57.84 -1.24 5.92	59.78 -1.86 26.78	69.23 -2.29 32.35	69.06 -2.56 34.97	66.72 -2.25 29.02	61.75 -1.75 15.88	54.57 -1.14 1.19	48.36 -0.99 0.00	43.01 -1.10 0.00	35.56 -0.76 0.00
NM_CAPITAL____DRP 24208	34.80 1.24 0.00	33.26 1.29 -2.00	31.61 1.30 -1.31	33.91 1.21 -5.83	31.71 1.19 -4.07	30.40 1.28 0.00	31.10 1.31 0.00	33.79 1.21 0.00	36.88 1.30 -0.43	42.94 1.45 -0.01	48.41 1.41 0.00	51.07 1.58 0.00	54.55 1.49 -0.01	58.45 1.54 -0.01	71.35 1.69 -4.66	91.08 2.65 -0.01	107.19 3.32 0.00	110.37 3.62 -0.15	100.75 2.74 -0.01	91.47 2.14 -9.94	58.32 1.42 0.00	50.58 1.23 0.00	45.57 1.46 0.00	37.63 1.31 0.00
NM_CENTRAL____DRP 24181	33.49 -0.07 0.00	29.80 -0.18 0.00	28.74 -0.26 0.00	26.63 -0.24 0.00	26.35 -0.24 -0.14	28.89 -0.23 0.00	29.58 -0.21 0.00	32.30 -0.29 0.00	34.83 -0.32 0.00	41.27 -0.21 0.00	47.14 0.09 -0.04	49.74 0.25 0.00	53.76 0.48 -0.23	57.85 0.57 -0.38	66.34 0.78 -0.56	91.86 0.88 -2.55	107.67 0.73 -3.08	110.35 0.43 -3.33	101.15 0.39 -2.76	81.21 0.32 -1.51	57.47 0.46 -0.11	49.70 0.35 0.00	44.07 -0.04 0.00	36.47 0.15 0.00
NM_FRONTIER____DRP 24179	33.63 0.07 0.00	30.22 0.12 -0.12	28.99 -0.09 -0.08	27.01 -0.21 -0.36	26.60 -0.21 -0.36	28.74 -0.38 0.00	29.43 -0.36 0.00	31.25 -1.34 0.00	33.57 -1.58 0.00	39.57 -1.91 0.00	45.45 -1.55 0.00	48.40 -1.09 0.00	52.10 -0.95 0.00	55.60 -1.31 0.00	64.08 -0.91 0.00	85.50 -2.92 0.00	99.81 -4.05 0.00	102.02 -4.58 -0.01	94.17 -3.82 0.00	76.84 -2.54 0.00	56.61 -0.28 0.00	49.30 -0.05 0.00	43.01 -1.10 0.00	36.65 0.33 0.00
NM_ST_REGIS____HYD 24053	33.12 -0.44 0.00	29.35 -0.63 0.00	28.30 -0.70 0.00	26.12 -0.75 0.00	25.55 -0.90 0.00	27.98 -1.14 0.00	28.75 -1.04 0.00	31.68 -0.91 0.00	34.34 -0.81 0.00	40.64 -0.83 0.00	46.12 -0.89 -0.01	48.30 -1.19 0.00	51.43 -1.70 -0.07	55.37 -1.65 -0.12	63.55 -1.62 -0.18	86.48 -2.74 -0.80	101.61 -3.22 -0.97	103.48 -4.16 -1.05	96.31 -2.55 -0.87	78.03 -1.83 -0.48	55.34 -1.59 -0.04	48.12 -1.23 0.00	43.36 -0.75 0.00	35.63 -0.69 0.00
NORTHPORT____1 23551	46.28 2.89 -9.83	40.24 2.82 -7.45	36.51 2.67 -4.85	31.82 2.44 -2.51	31.32 2.38 -2.49	32.04 2.80 -0.12	32.83 3.04 0.00	35.72 3.13 0.00	39.16 3.34 -0.67	45.11 3.48 -0.15	48.41 1.41 0.00	47.73 1.09 2.84	48.38 1.33 6.01	57.41 1.25 0.75	65.14 1.37 1.22	91.59 3.18 0.01	98.14 4.16 9.88	112.52 4.48 -1.45	102.11 3.04 -1.08	83.18 1.67 -2.13	58.16 0.74 -0.52	50.00 0.59 -0.06	45.98 1.85 -0.02	43.02 2.91 -3.79
NORTHPORT____2 23552	46.28 2.89 -9.83	40.24 2.82 -7.45	36.51 2.67 -4.85	31.82 2.44 -2.51	31.32 2.38 -2.49	32.04 2.80 -0.12	32.83 3.04 0.00	35.72 3.13 0.00	39.16 3.34 -0.67	45.11 3.48 -0.15	48.41 1.41 0.00	47.73 1.09 2.84	48.38 1.33 6.01	57.41 1.25 0.75	65.14 1.37 1.22	91.59 3.18 0.01	98.14 4.16 9.88	105.79 4.48 5.28	96.90 3.04 4.13	78.65 1.67 2.40	55.62 0.74 2.01	49.70 0.59 0.24	45.91 1.85 0.05	43.02 2.91 -3.79
NORTHPORT____3 23553	46.01 2.62 -9.83	39.91 2.49 -7.45	36.16 2.32 -4.85	31.53 2.15 -2.51	31.06 2.12 -2.49	31.65 2.42 -0.12	32.41 2.62 0.00	35.39 2.80 0.00	38.80 2.99 -0.67	44.77 3.15 -0.15	48.02 1.03 0.01	48.55 0.94 1.88	50.32 1.22 3.96	57.46 1.31 0.76	65.14 1.37 1.23	91.41 3.01 0.01	98.02 4.05 9.89	105.68 4.37 5.29	96.79 2.94 4.14	78.48 1.50 2.41	55.44 0.57 2.02	49.49 0.39 0.25	45.37 1.32 0.06	42.18 2.07 -3.79
NORTHPORT____4 23650	46.01 2.62 -9.83	39.91 2.49 -7.45	36.16 2.32 -4.85	31.53 2.15 -2.51	31.06 2.12 -2.49	31.65 2.42 -0.12	32.41 2.62 0.00	35.39 2.80 0.00	38.80 2.99 -0.67	44.77 3.15 -0.15	48.02 1.03 0.01	48.55 0.94 1.88	50.32 1.22 3.96	57.46 1.31 0.76	65.14 1.37 1.23	91.41 3.01 0.01	98.02 4.05 9.89	105.68 4.37 5.29	96.79 2.94 4.14	78.48 1.50 2.41	55.44 0.57 2.02	49.49 0.39 0.25	45.37 1.32 0.06	42.18 2.07 -3.79
NORTHPORT____IC 23718	46.28 2.89 -9.83	40.24 2.82 -7.45	36.51 2.67 -4.85	31.82 2.44 -2.51	31.32 2.38 -2.49	32.04 2.80 -0.12	32.83 3.04 0.00	35.72 3.13 0.00	39.16 3.34 -0.67	45.11 3.48 -0.15	48.41 1.41 0.00	47.73 1.09 2.84	48.38 1.33 6.01	57.41 1.25 0.75	65.14 1.37 1.22	91.59 3.18 0.01	98.14 4.16 9.88	105.79 4.48 5.28	96.90 3.04 4.13	78.65 1.67 2.40	55.62 0.74 2.01	49.70 0.59 0.24	45.91 1.85 0.05	43.02 2.91 -3.79

NORTH____COUNTRY_ESR 323785	33.12 -0.44 0.00	29.53 -0.45 0.00	28.45 -0.55 0.00	26.36 -0.51 0.00	26.03 -0.42 0.00	28.65 -0.47 0.00	29.37 -0.42 0.00	32.36 -0.23 0.00	35.08 -0.07 0.00	41.35 -0.12 0.00	46.91 -0.09 0.00	48.70 -0.79 0.00	51.73 -1.32 0.00	55.37 -1.53 0.00	63.43 -1.56 0.00	85.77 -2.65 0.00	100.85 -3.02 0.00	103.18 -3.42 0.00	95.74 -2.25 0.00	77.63 -1.75 0.00	55.36 -1.53 0.00	48.51 -0.84 0.00	43.81 -0.31 0.00	35.71 -0.62 0.00
NPX_GEN_1385_PROXY 323591	46.11 2.72 -9.83	40.27 2.85 -7.45	36.51 2.67 -4.85	31.93 2.55 -2.51	31.45 2.51 -2.49	32.50 3.26 -0.12	33.54 3.75 0.00	35.85 3.26 0.00	39.30 3.48 -0.67	45.31 3.69 -0.15	48.64 1.64 0.00	48.82 2.18 2.84	49.54 2.49 6.01	58.60 2.45 0.75	66.57 2.79 1.22	93.90 5.48 0.01	100.32 6.34 9.88	114.39 7.57 -0.22	103.80 5.68 -0.13	103.45 4.13 -19.94	96.98 2.56 -37.52	51.47 2.12 0.00	46.98 2.87 0.00	43.89 3.78 -3.79
NPX_GEN_CSC 323557	46.72 3.32 -9.83	40.66 3.24 -7.45	36.92 3.07 -4.85	32.12 2.74 -2.51	31.64 2.70 -2.49	32.32 3.09 -0.12	33.13 3.34 0.00	36.01 3.42 0.00	39.27 3.45 -0.67	45.36 3.73 -0.15	49.45 2.44 0.00	53.68 1.98 -2.21	64.62 2.92 -8.65	59.58 2.68 0.00	68.51 3.12 -0.40	94.00 5.57 0.00	136.60 6.75 -25.99	173.79 6.92 -60.27	150.00 5.39 -46.62	125.00 3.89 -41.73	82.13 2.50 -22.73	54.04 1.98 -2.71	47.61 2.83 -0.67	43.61 3.49 -3.80
NSINS_S_GLNS_FALLS 23858	36.48 2.92 0.00	35.39 2.67 -2.75	33.35 2.55 -1.80	37.26 2.36 -8.03	33.60 2.27 -4.88	31.54 2.42 0.00	32.29 2.50 0.00	35.23 2.64 0.00	38.51 2.95 -0.41	45.26 3.77 -0.01	50.95 3.95 0.00	53.99 4.50 0.00	57.95 4.88 -0.01	62.26 5.35 -0.01	74.75 5.91 -3.84	96.48 8.05 -0.01	113.73 9.87 0.00	116.38 9.59 -0.19	107.11 9.11 -0.01	103.74 7.62 -16.73	62.42 5.52 0.00	54.53 5.18 0.00	48.53 4.41 0.00	39.77 3.45 0.00
NUCOR_STEEL____DRP 24197	34.23 0.67 0.00	30.52 0.45 -0.09	29.41 0.35 -0.06	27.44 0.30 -0.28	27.00 0.26 -0.28	29.50 0.38 0.00	30.21 0.42 0.00	32.91 0.33 0.00	35.50 0.35 0.00	42.10 0.62 0.00	48.16 1.08 -0.08	50.78 1.29 0.00	55.17 1.70 -0.41	59.35 1.76 -0.68	68.16 2.14 -1.02	95.85 2.83 -4.60	112.44 3.01 -5.56	115.71 3.09 -6.02	106.02 3.04 -4.99	84.57 2.46 -2.73	59.15 2.05 -0.20	50.98 1.63 0.00	45.13 1.01 0.00	37.30 0.98 0.00
NUMBER_THREE_WT_PWR 323818	33.93 0.37 0.00	29.89 -0.09 0.00	28.85 -0.14 0.00	26.71 -0.16 0.00	26.30 -0.21 -0.06	28.83 -0.29 0.00	29.61 -0.18 0.00	32.43 -0.16 0.00	35.01 -0.14 0.00	41.80 0.33 0.00	47.56 0.52 -0.04	50.18 0.69 0.00	53.84 0.58 -0.20	58.15 0.91 -0.33	66.72 1.23 -0.50	92.00 1.33 -2.25	108.35 1.76 -2.72	110.92 1.38 -2.94	102.68 2.26 -2.44	82.70 1.99 -1.33	58.59 1.59 -0.10	50.53 1.18 0.00	45.04 0.93 0.00	37.05 0.73 0.00
NYISO_LBMP_REFERENCE 24008	33.56 0.00 0.00	29.98 0.00 0.00	29.00 0.00 0.00	26.87 0.00 0.00	26.45 0.00 0.00	29.12 0.00 0.00	29.79 0.00 0.00	32.59 0.00 0.00	35.15 0.00 0.00	41.47 0.00 0.00	47.00 0.00 0.00	49.49 0.00 0.00	53.05 0.00 0.00	56.90 0.00 0.00	64.99 0.00 0.00	88.42 0.00 0.00	103.86 0.00 0.00	106.60 0.00 0.00	97.99 0.00 0.00	79.38 0.00 0.00	56.90 0.00 0.00	49.35 0.00 0.00	44.11 0.00 0.00	36.32 0.00 0.00
NYPA_BRENTWD____GT 24164	46.88 3.49 -9.83	40.75 3.33 -7.45	36.95 3.10 -4.85	32.22 2.85 -2.51	31.72 2.78 -2.49	32.44 3.20 -0.12	33.24 3.45 0.00	36.27 3.68 0.00	39.72 3.90 -0.67	45.86 4.23 -0.15	49.62 2.58 -0.03	87.00 2.38 -35.13	130.06 2.70 -74.30	59.29 2.39 0.00	68.05 2.67 -0.39	93.27 4.86 0.00	115.51 6.23 -5.41	125.59 6.40 -12.60	112.51 4.80 -9.72	92.04 3.02 -9.64	63.56 1.94 -4.73	51.68 1.77 -0.56	47.12 2.87 -0.14	43.64 3.52 -3.79
NYPA_GOWANUS____GT5 24156	35.91 2.35 0.00	33.02 2.19 -0.86	31.65 2.09 -0.56	31.33 1.96 -2.50	30.90 1.96 -2.50	31.30 2.19 0.00	32.03 2.24 0.00	35.13 2.54 0.00	38.56 2.74 -0.67	44.23 2.74 -0.02	49.21 2.21 0.00	51.72 2.23 0.00	55.45 2.39 0.00	67.00 2.68 -7.42	86.97 2.93 -19.05	93.69 5.22 -0.06	110.52 6.65 0.00	113.36 6.72 -0.05	102.98 4.99 0.01	72.55 3.26 10.09	73.39 1.77 -14.72	47.80 1.48 3.03	46.01 1.90 0.00	38.25 1.92 0.00
NYPA_GOWANUS____GT6 24157	35.91 2.35 0.00	33.02 2.19 -0.86	31.65 2.09 -0.56	31.33 1.96 -2.50	30.90 1.96 -2.50	31.30 2.19 0.00	32.03 2.24 0.00	35.13 2.54 0.00	38.56 2.74 -0.67	44.23 2.74 -0.02	49.21 2.21 0.00	51.72 2.23 0.00	55.45 2.39 0.00	67.00 2.68 -7.42	86.97 2.93 -19.05	93.69 5.22 -0.06	110.52 6.65 0.00	113.36 6.72 -0.05	102.98 4.99 0.01	72.55 3.26 10.09	73.39 1.77 -14.72	47.80 1.48 3.03	46.01 1.90 0.00	38.25 1.92 0.00
NYPA_HARLEM_RVR_GT1 24160	35.82 2.25 -0.01	32.97 2.13 -0.87	31.57 2.00 -0.57	31.25 1.88 -2.50	30.79 1.85 -2.49	31.36 2.24 0.00	31.87 2.08 0.00	34.94 2.35 0.00	38.20 2.39 -0.66	43.86 2.36 -0.02	48.83 1.83 0.00	51.32 1.83 0.00	55.07 2.02 0.00	59.29 2.39 0.01	67.99 2.60 -0.39	93.20 4.77 -0.01	110.00 6.13 -0.01	112.73 6.07 -0.06	102.51 4.51 -0.01	83.52 2.94 -1.20	58.43 1.54 0.01	50.62 1.28 0.01	45.89 1.77 -0.01	38.07 1.74 -0.01
NYPA_HARLEM_RVR_GT2 24161	35.82 2.25 -0.01	32.97 2.13 -0.87	31.57 2.00 -0.57	31.25 1.88 -2.50	30.79 1.85 -2.49	31.36 2.24 0.00	31.87 2.08 0.00	34.94 2.35 0.00	38.20 2.39 -0.66	43.86 2.36 -0.02	48.83 1.83 0.00	51.32 1.83 0.00	55.07 2.02 0.00	59.29 2.39 0.01	67.99 2.60 -0.39	93.20 4.77 -0.01	110.00 6.13 -0.01	112.73 6.07 -0.06	102.51 4.51 -0.01	83.52 2.94 -1.20	58.43 1.54 0.01	50.62 1.28 0.01	45.89 1.77 -0.01	38.07 1.74 -0.01
NYPA_KENT____GT 24152	35.84 2.28 0.00	32.96 2.13 -0.86	31.59 2.03 -0.56	31.28 1.91 -2.50	30.82 1.88 -2.49	31.24 2.12 0.00	32.03 2.24 0.00	35.10 2.51 0.00	38.49 2.67 -0.67	44.15 2.66 -0.02	49.16 2.16 0.00	51.62 2.13 0.00	55.28 2.23 0.00	62.29 2.50 -2.89	75.35 2.73 -7.63	93.40 4.95 -0.03	110.20 6.34 0.00	113.04 6.40 -0.05	95.62 4.80 7.17	67.92 3.02 14.48	64.19 1.59 -5.70	47.86 1.33 2.82	45.92 1.81 0.00	38.14 1.82 0.00
NYPA_POUCH1____GT 24155	37.34 2.25 -1.54	33.14 2.10 -1.07	31.59 2.03 -0.56	31.31 1.94 -2.50	30.88 1.93 -2.50	31.22 2.10 0.00	32.11 2.15 -0.18	36.66 2.48 -1.60	41.49 2.64 -3.70	48.75 2.53 -4.74	55.95 2.02 -6.93	59.57 2.03 -8.05	45.97 2.18 9.26	80.62 2.45 -21.27	108.44 2.67 -40.78	107.87 4.95 -14.50	127.98 6.34 -17.78	131.47 6.40 -18.48	121.51 4.80 -18.72	85.34 3.09 -2.87	56.66 1.59 1.83	41.73 1.28 8.90	40.46 1.77 5.42	41.16 1.82 -3.02
NYPA_VERNON____GT2 24162	35.77 2.21 0.00	32.90 2.07 -0.86	31.53 1.97 -0.56	31.20 1.83 -2.50	30.76 1.82 -2.49	31.22 2.10 0.00	31.99 2.20 0.00	35.03 2.45 0.00	38.42 2.60 -0.67	44.11 2.61 -0.02	49.16 2.16 0.00	51.57 2.08 0.00	55.23 2.18 0.00	57.65 2.39 1.64	63.80 2.60 3.80	93.20 4.77 -0.01	109.99 6.13 0.00	112.82 6.18 -0.05	88.26 4.61 14.34	63.46 2.94 18.86	55.12 1.54 3.31	48.01 1.28 2.62	45.88 1.77 0.00	38.07 1.74 0.00

NYPA_VERNON____GT3 24163	35.77	32.90	31.53	31.20	30.76	31.22	31.99	35.03	38.42	44.11	49.16	51.57	55.23	57.65	63.80	93.20	109.99	112.82	88.26	63.46	55.12	48.01	45.88	38.07
	2.21	2.07	1.97	1.83	1.82	2.10	2.20	2.45	2.60	2.61	2.16	2.08	2.18	2.39	2.60	4.77	6.13	6.18	4.61	2.94	1.54	1.28	1.77	1.74
	0.00	-0.86	-0.56	-2.50	-2.49	0.00	0.00	0.00	-0.67	-0.02	0.00	0.00	0.00	1.64	3.80	-0.01	0.00	-0.05	14.34	18.86	3.31	2.62	0.00	0.00
NYPA____ASTORIA_CC1 323568	35.71	32.87	31.50	31.17	30.74	31.19	31.94	35.00	38.35	44.02	49.02	51.42	55.07	55.26	57.99	92.93	109.68	112.50	82.21	57.55	50.52	47.46	45.75	37.99
	2.15	2.04	1.94	1.80	1.80	2.07	2.15	2.41	2.53	2.53	2.02	1.93	2.02	2.22	2.41	4.51	5.81	5.86	4.31	2.70	1.36	1.14	1.63	1.67
	0.00	-0.86	-0.56	-2.50	-2.49	0.00	0.00	0.00	-0.67	-0.02	0.00	0.00	0.00	3.86	9.41	0.00	0.00	-0.05	20.09	24.54	7.74	3.03	0.00	0.00
NYPA____ASTORIA_CC2 323569	35.71	32.87	31.50	31.17	30.74	31.19	31.94	35.00	38.35	44.02	49.02	51.42	55.07	55.26	57.99	92.93	109.68	112.50	82.21	57.55	50.52	47.46	45.75	37.99
	2.15	2.04	1.94	1.80	1.80	2.07	2.15	2.41	2.53	2.53	2.02	1.93	2.02	2.22	2.41	4.51	5.81	5.86	4.31	2.70	1.36	1.14	1.63	1.67
	0.00	-0.86	-0.56	-2.50	-2.49	0.00	0.00	0.00	-0.67	-0.02	0.00	0.00	0.00	3.86	9.41	0.00	0.00	-0.05	20.09	24.54	7.74	3.03	0.00	0.00
NYPA____HOLTSVILL 23794	46.65	40.63	36.86	32.09	31.61	32.30	33.10	36.04	39.47	45.44	49.17	55.04	63.38	59.30	68.00	93.19	135.45	172.18	148.66	123.55	81.08	53.55	47.28	43.35
	3.25	3.21	3.02	2.71	2.67	3.06	3.31	3.45	3.66	3.81	2.16	1.78	2.33	2.39	2.60	4.77	6.02	6.29	4.80	3.09	1.82	1.53	2.51	3.23
	-9.83	-7.45	-4.85	-2.51	-2.49	-0.12	0.00	0.00	-0.67	-0.15	0.00	-3.77	-7.99	0.00	-0.40	0.00	-25.57	-59.30	-45.87	-41.08	-22.36	-2.67	-0.66	-3.80
NYPA____HELLGATE_GT1 24158	35.82	32.97	31.57	31.25	30.79	31.36	31.87	34.94	38.20	43.90	48.88	51.37	55.12	59.29	67.99	93.29	110.10	112.84	102.60	83.60	58.43	50.68	45.93	38.11
	2.25	2.13	2.00	1.88	1.85	2.24	2.08	2.35	2.39	2.40	1.88	1.88	2.07	2.39	2.60	4.86	6.23	6.18	4.61	3.02	1.54	1.33	1.81	1.78
	-0.01	-0.87	-0.57	-2.50	-2.49	0.00	0.00	0.00	-0.66	-0.02	0.00	0.00	0.00	0.01	-0.39	-0.01	-0.01	-0.06	-0.01	-1.20	0.01	0.01	-0.01	-0.01
NYPA____HELLGATE_GT2 24159	35.82	32.97	31.57	31.25	30.79	31.36	31.87	34.94	38.20	43.90	48.88	51.37	55.12	59.29	67.99	93.29	110.10	112.84	102.60	83.60	58.43	50.68	45.93	38.11
	2.25	2.13	2.00	1.88	1.85	2.24	2.08	2.35	2.39	2.40	1.88	1.88	2.07	2.39	2.60	4.86	6.23	6.18	4.61	3.02	1.54	1.33	1.81	1.78
	-0.01	-0.87	-0.57	-2.50	-2.49	0.00	0.00	0.00	-0.66	-0.02	0.00	0.00	0.00	0.01	-0.39	-0.01	-0.01	-0.06	-0.01	-1.20	0.01	0.01	-0.01	-0.01
NYS_BARGE____HYD 23848	34.03	30.31	29.02	27.00	26.45	28.77	29.49	31.71	34.20	40.36	46.48	49.49	53.32	57.02	65.58	87.62	102.20	104.36	96.42	78.67	57.86	50.34	43.89	37.41
	0.47	0.21	-0.06	-0.22	-0.34	-0.35	-0.30	-0.88	-0.95	-1.12	-0.52	0.00	0.27	0.11	0.58	-0.80	-1.67	-2.24	-1.57	-0.72	0.97	0.99	-0.22	1.09
	0.00	-0.12	-0.08	-0.35	-0.35	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00
OAK ORCHARD____HYD 24046	34.30	30.61	29.38	27.36	26.97	29.41	29.97	32.59	35.18	41.64	47.80	50.83	54.75	58.61	67.27	90.71	105.63	108.09	99.65	81.28	59.06	51.27	45.04	37.70
	0.74	0.54	0.32	0.21	0.24	0.29	0.18	0.00	0.04	0.17	0.80	1.34	1.70	1.71	2.27	2.30	1.76	1.49	1.66	1.90	2.16	1.92	0.93	1.38
	0.00	-0.09	-0.06	-0.27	-0.28	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00
OAKDALE____35_KV_LOAD 356122	34.33	30.83	29.68	28.11	27.48	29.59	30.27	32.91	35.41	41.97	47.83	50.43	54.43	58.47	67.01	92.03	108.06	110.93	101.85	82.65	58.51	50.63	44.91	37.27
	0.77	0.57	0.49	0.40	0.26	0.47	0.48	0.33	0.32	0.50	0.80	0.94	1.22	1.31	1.62	1.86	2.08	2.03	1.96	1.67	1.54	1.28	0.79	0.94
	0.00	-0.29	-0.19	-0.84	-0.76	0.00	0.00	0.00	0.05	0.00	-0.03	0.00	-0.16	-0.26	-0.39	-1.75	-2.12	-2.31	-1.90	-1.60	-0.08	0.00	0.00	0.00
OCC_CHEM____DRP 24175	33.73	30.28	29.05	27.07	26.62	28.80	29.49	31.35	33.64	39.65	45.54	48.55	52.21	55.77	64.21	85.77	100.12	102.23	94.46	77.00	56.78	49.40	43.14	36.72
	0.17	0.18	-0.03	-0.16	-0.19	-0.32	-0.30	-1.24	-1.51	-1.82	-1.46	-0.94	-0.85	-1.14	-0.78	-2.65	-3.74	-4.37	-3.53	-2.38	-0.11	0.05	-0.97	0.40
	0.00	-0.12	-0.08	-0.36	-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	-0.01	0.00	0.00	0.00	0.00	0.00	0.00
OH_GEN_PROXY 24063	33.76	30.22	28.99	26.98	26.49	28.74	29.46	31.61	34.06	40.27	46.20	49.19	52.95	56.68	65.12	87.10	101.68	103.83	95.93	78.27	57.52	50.04	43.72	37.12
	0.20	0.12	-0.09	-0.24	-0.32	-0.38	-0.33	-0.98	-1.09	-1.20	-0.80	-0.30	-0.11	-0.23	0.13	-1.32	-2.19	-2.77	-2.06	-1.11	0.63	0.69	-0.40	0.80
	0.00	-0.12	-0.08	-0.35	-0.35	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00
OLIN_CORP_DRP 24177	34.13	30.07	28.85	26.86	26.39	28.62	29.40	31.48	33.78	39.86	45.83	48.80	52.52	56.17	64.67	86.39	100.75	102.98	95.05	77.56	57.12	49.70	43.36	36.94
	0.57	-0.03	-0.23	-0.38	-0.42	-0.50	-0.39	-1.11	-1.37	-1.62	-1.18	-0.69	-0.53	-0.74	-0.32	-2.03	-3.12	-3.62	-2.94	-1.83	0.23	0.35	-0.75	0.62
	0.00	-0.12	-0.08	-0.36	-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	-0.01	0.00	0.00	0.00	0.00	0.00	0.00
OLIN_CORP_DSASP 323712	33.39	30.22	28.96	26.96	26.49	28.71	29.28	31.22	33.64	39.65	45.54	48.50	52.20	55.88	64.22	85.77	100.13	102.23	94.37	77.08	56.78	49.40	43.14	36.72
	-0.17	0.12	-0.12	-0.27	-0.32	-0.41	-0.51	-1.37	-1.51	-1.82	-1.46	-0.99	-0.85	-1.02	-0.78	-2.65	-3.73	-4.38	-3.62	-2.30	-0.11	0.05	-0.97	0.40
	0.00	-0.12	-0.08	-0.36	-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	-0.01	0.00	0.00	0.00	0.00	0.00	0.00
ONEIDA_HERK_LFGE 323681	34.30	30.34	29.32	27.17	26.77	29.41	30.18	33.04	35.71	42.59	48.42	51.07	54.78	59.03	67.79	92.59	108.89	110.96	102.39	82.69	59.04	51.03	45.44	37.38
	0.74	0.36	0.32	0.30	0.26	0.29	0.39	0.46	0.56	1.12	1.41	1.58	1.65	1.99	2.60	3.27	3.95	3.19	3.43	2.78	2.11	1.68	1.32	1.05
	0.00	0.00	0.00	0.00	-0.05	0.00	0.00	0.00	0.00	0.00	-0.01	0.00	-0.08	-0.13	-0.20	-0.89	-1.08	-1.17	-0.97	-0.53	-0.04	0.00	0.00	0.00
ONEIDA____115KV_TB4 55905	34.63	30.61	29.52	27.38	26.99	29.70	30.48	33.34	35.99	42.97	49.00	51.67	55.62	59.90	68.68	94.12	110.71	113.07	104.17	83.92	59.86	51.72	45.92	37.81
	1.07	0.63	0.52	0.51	0.45	0.58	0.69	0.75	0.84	1.49	1.97	2.18	2.44	2.79	3.38	4.33	5.19	4.69	4.70	3.73	2.90	2.37	1.81	1.49
	0.00	0.00	0.00	0.00	-0.09	0.00	0.00	0.00	0.00	0.00	-0.02	0.00	-0.12	-0.20	-0.30	-1.37	-1.65	-1.78	-1.48	-0.81	-0.06	0.00	0.00	0.00

ONONDAGA_REF_OCCRA 23987	33.66 0.10 0.00	30.00 -0.06 -0.08	28.94 -0.12 -0.05	26.97 -0.13 -0.24	26.57 -0.13 -0.25	29.00 -0.12 0.00	29.70 -0.09 0.00	32.43 -0.16 0.00	34.97 -0.18 0.00	41.43 -0.04 0.00	47.29 0.24 -0.05	49.88 0.40 0.00	54.02 0.69 -0.28	58.16 0.80 -0.46	66.72 1.04 -0.68	92.76 1.24 -3.10	108.85 1.25 -3.74	111.61 0.96 -4.05	102.23 0.88 -3.36	81.93 0.71 -1.84	57.77 0.74 -0.14	49.89 0.54 0.00	44.29 0.18 0.00	36.65 0.33 0.00
ONONDAGA___COGEN 23986	33.76 0.20 0.00	30.01 0.03 0.00	28.94 -0.06 0.00	26.82 -0.05 0.00	26.53 -0.08 -0.16	29.09 -0.03 0.00	29.76 -0.03 0.00	32.49 -0.10 0.00	35.04 -0.11 0.00	41.35 -0.12 0.00	47.22 0.14 -0.08	49.79 0.30 0.00	54.01 0.53 -0.43	58.24 0.63 -0.71	66.83 0.78 -1.05	94.15 0.97 -4.76	110.45 0.83 -5.75	113.46 0.64 -6.22	103.74 0.59 -5.16	82.68 0.48 -2.82	57.68 0.57 -0.21	49.79 0.44 0.00	44.20 0.09 0.00	36.69 0.36 0.00
ONTARIO___LFGE 23819	34.30 0.74 0.00	30.72 0.63 -0.11	29.51 0.44 -0.08	27.55 0.35 -0.33	27.08 0.29 -0.33	29.50 0.38 0.00	30.24 0.45 0.00	32.85 0.26 0.00	35.40 0.25 0.00	42.10 0.62 0.00	48.34 1.31 -0.02	51.17 1.68 0.00	55.31 2.12 -0.14	59.52 2.39 -0.22	68.26 2.93 -0.33	93.38 3.44 -1.51	109.54 3.85 -1.83	112.20 3.63 -1.98	103.26 3.63 -1.64	83.37 3.09 -0.90	59.69 2.73 -0.07	51.57 2.22 0.00	45.31 1.19 0.00	37.67 1.34 0.00
ORANGEVILLE_WT_PWR 323706	34.43 0.87 0.00	30.82 0.69 -0.15	29.56 0.46 -0.10	27.58 0.27 -0.44	26.86 -0.03 -0.43	29.12 0.00 0.00	30.06 0.27 0.00	32.39 -0.19 0.00	34.90 -0.24 0.00	41.31 -0.17 0.00	47.47 0.47 0.00	50.43 0.94 0.00	54.38 1.33 0.00	58.33 1.42 0.00	67.01 2.02 0.00	89.83 1.41 0.00	105.01 1.14 0.00	107.36 0.75 -0.01	99.07 1.08 0.00	80.57 1.19 0.00	59.00 2.11 0.00	51.18 1.83 0.00	44.73 0.62 0.00	37.81 1.49 0.00
ORANGEVILLE___ESR 323794	34.43 0.87 0.00	30.82 0.69 -0.15	29.56 0.46 -0.10	27.58 0.27 -0.44	26.86 -0.03 -0.43	29.12 0.00 0.00	30.06 0.27 0.00	32.39 -0.19 0.00	34.90 -0.24 0.00	41.31 -0.17 0.00	47.47 0.47 0.00	50.43 0.94 0.00	54.38 1.33 0.00	58.33 1.42 0.00	67.01 2.02 0.00	89.83 1.41 0.00	105.01 1.14 0.00	107.36 0.75 -0.01	99.07 1.08 0.00	80.57 1.19 0.00	59.00 2.11 0.00	51.18 1.83 0.00	44.73 0.62 0.00	37.81 1.49 0.00
OSWEGATCHIE___HYD 24044	33.39 -0.17 0.00	29.53 -0.45 0.00	28.48 -0.52 0.00	26.28 -0.59 0.00	25.81 -0.69 -0.04	28.25 -0.87 0.00	28.99 -0.80 0.00	31.84 -0.75 0.00	34.37 -0.77 0.00	40.93 -0.54 0.00	46.47 -0.56 -0.03	48.90 -0.59 0.00	52.36 -0.85 -0.16	56.49 -0.68 -0.26	64.86 -0.52 -0.39	89.04 -1.15 -1.77	104.76 -1.24 -2.14	106.99 -1.92 -2.31	99.42 -0.49 -1.92	80.19 -0.24 -1.05	56.81 -0.17 -0.08	49.15 -0.20 0.00	43.98 -0.13 0.00	36.21 -0.11 0.00
OSWEGO___5 23606	33.02 -0.54 0.00	29.44 -0.54 0.00	28.42 -0.58 0.00	26.33 -0.54 0.00	26.03 -0.53 -0.11	28.54 -0.58 0.00	29.19 -0.60 0.00	31.90 -0.69 0.00	34.37 -0.77 0.00	40.65 -0.83 0.00	46.57 -0.75 -0.32	48.80 -0.69 0.00	54.19 -0.63 -1.77	59.20 -0.62 -2.92	68.69 -0.65 -4.35	107.04 -1.06 -19.67	126.17 -1.45 -23.77	130.70 -1.60 -25.70	117.94 -1.37 -21.32	89.94 -1.11 -11.67	57.20 -0.57 -0.88	48.81 -0.54 0.00	43.41 -0.71 0.00	35.89 -0.43 0.00
OSWEGO___6 23613	33.02 -0.54 0.00	29.44 -0.54 0.00	28.42 -0.58 0.00	26.33 -0.54 0.00	26.03 -0.53 -0.11	28.54 -0.58 0.00	29.19 -0.60 0.00	31.90 -0.69 0.00	34.37 -0.77 0.00	40.65 -0.83 0.00	46.57 -0.75 -0.32	48.80 -0.69 0.00	54.19 -0.63 -1.77	59.20 -0.62 -2.92	68.69 -0.65 -4.35	107.04 -1.06 -19.67	126.17 -1.45 -23.77	130.70 -1.60 -25.70	117.94 -1.37 -21.32	89.94 -1.11 -11.67	57.20 -0.57 -0.88	48.81 -0.54 0.00	43.41 -0.71 0.00	35.89 -0.43 0.00
OUTOKUMPU-AB___DRP 24206	34.70 1.14 0.00	30.88 0.78 -0.13	29.60 0.52 -0.08	27.56 0.32 -0.37	27.00 0.19 -0.36	29.38 0.26 0.00	30.12 0.33 0.00	32.23 -0.36 0.00	34.66 -0.49 0.00	40.69 -0.79 0.00	46.86 -0.14 0.00	49.88 0.40 0.00	53.80 0.74 0.00	57.53 0.63 0.00	66.23 1.23 0.00	88.51 0.09 0.00	103.34 -0.52 0.00	105.54 -1.07 -0.01	97.30 -0.69 0.00	79.22 -0.16 0.00	58.32 1.42 0.00	50.68 1.33 0.00	44.16 0.04 0.00	37.70 1.38 0.00
OXBOW___ 24026	33.93 0.37 0.00	30.58 0.48 -0.12	29.31 0.23 -0.08	27.26 0.03 -0.36	26.73 -0.08 -0.36	29.00 -0.12 0.00	29.67 -0.12 0.00	31.74 -0.85 0.00	34.23 -0.91 0.00	40.06 -1.41 0.00	46.11 -0.89 0.00	49.09 -0.40 0.00	52.90 -0.16 0.00	56.62 -0.28 0.00	65.12 0.13 0.00	86.92 -1.50 0.00	101.58 -2.29 0.00	103.62 -2.98 -0.01	95.64 -2.35 0.00	78.03 -1.35 0.00	57.41 0.51 0.00	49.95 0.59 0.00	43.54 -0.57 0.00	37.12 0.80 0.00
OXY_CHEM_DSASP 323612	33.73 0.17 0.00	30.28 0.18 -0.12	29.05 -0.03 -0.08	27.07 -0.16 -0.36	26.62 -0.19 -0.36	28.80 -0.32 0.00	29.49 -0.30 0.00	31.35 -1.24 0.00	33.64 -1.51 0.00	39.65 -1.82 0.00	45.54 -1.46 0.00	48.55 -0.94 0.00	52.21 -0.85 0.00	55.77 -1.14 0.00	64.21 -0.78 0.00	85.77 -2.65 0.00	100.12 -3.74 0.00	102.23 -4.37 -0.01	94.46 -3.53 0.00	77.00 -2.38 0.00	56.78 -0.11 0.00	49.40 0.05 0.00	43.14 -0.97 0.00	36.72 0.40 0.00
OZONE_PARK_ESR 323760	35.87 2.32 0.00	33.08 2.25 -0.86	31.68 2.12 -0.56	31.36 1.99 -2.50	30.90 1.96 -2.49	31.33 2.21 0.00	32.17 2.38 0.00	35.26 2.67 0.00	38.70 2.88 -0.67	44.60 3.11 -0.02	49.82 2.82 0.00	52.31 2.82 0.00	56.13 3.08 0.00	60.32 3.41 0.00	69.16 3.77 -0.40	94.88 6.45 0.00	111.96 8.10 0.00	114.96 8.31 -0.05	104.56 6.57 0.00	85.02 4.45 -1.19	59.46 2.56 0.00	51.47 2.12 0.00	46.58 2.47 0.00	38.47 2.14 0.00
PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	33.73 0.17 0.00	30.28 0.18 -0.12	29.05 -0.03 -0.08	27.07 -0.16 -0.36	26.62 -0.19 -0.36	28.80 -0.32 0.00	29.49 -0.30 0.00	31.35 -1.24 0.00	33.64 -1.51 0.00	39.65 -1.82 0.00	45.54 -1.46 0.00	48.55 -0.94 0.00	52.21 -0.85 0.00	55.77 -1.14 0.00	64.21 -0.78 0.00	85.77 -2.65 0.00	100.12 -3.74 0.00	102.23 -4.37 -0.01	94.46 -3.53 0.00	77.00 -2.38 0.00	56.78 -0.11 0.00	49.40 0.05 0.00	43.14 -0.97 0.00	36.72 0.40 0.00
PACKARD___115KV_DUPONT_184 80571	33.73 0.17 0.00	30.28 0.18 -0.12	29.05 -0.03 -0.08	27.07 -0.16 -0.36	26.62 -0.19 -0.36	28.80 -0.32 0.00	29.49 -0.30 0.00	31.35 -1.24 0.00	33.64 -1.51 0.00	39.65 -1.82 0.00	45.54 -1.46 0.00	48.55 -0.94 0.00	52.21 -0.85 0.00	55.77 -1.14 0.00	64.21 -0.78 0.00	85.77 -2.65 0.00	100.12 -3.74 0.00	102.23 -4.37 -0.01	94.46 -3.53 0.00	77.00 -2.38 0.00	56.78 -0.11 0.00	49.40 0.05 0.00	43.14 -0.97 0.00	36.72 0.40 0.00
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	35.75 2.18 -0.01	33.00 2.16 -0.87	31.60 2.03 -0.57	31.26 1.88 -2.50	30.79 1.85 -2.49	31.07 1.95 0.00	31.88 2.09 0.00	34.90 2.31 0.00	38.21 2.39 -0.67	43.90 2.41 -0.02	48.88 1.88 0.00	51.37 1.88 0.00	55.12 2.07 0.00	59.29 2.39 0.01	67.92 2.53 -0.39	93.20 4.77 -0.01	110.00 6.13 -0.01	112.73 6.08 -0.06	102.51 4.51 -0.01	83.52 2.94 -1.20	58.37 1.48 0.01	50.68 1.33 0.01	45.89 1.76 -0.01	38.15 1.82 -0.01

PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	36.22 2.65 -0.01	33.39 2.55 -0.87	31.97 2.41 -0.57	31.60 2.23 -2.50	31.16 2.22 -2.49	31.45 2.33 0.00	32.23 2.44 0.00	35.33 2.74 0.00	38.66 2.85 -0.67	44.77 3.28 -0.02	49.82 2.82 0.00	52.41 2.92 0.00	56.29 3.24 0.00	60.60 3.70 0.01	69.48 4.09 -0.39	95.33 6.90 -0.01	112.60 8.72 -0.01	114.44 7.78 -0.06	104.07 6.08 -0.01	84.71 4.13 -1.20	59.22 2.33 0.01	51.37 2.02 0.01	46.50 2.38 -0.01	38.55 2.22 -0.01
PATROON__115KV_TB1 80586	34.83 1.28 0.00	33.41 1.32 -2.11	31.72 1.33 -1.38	34.27 1.24 -6.17	31.84 1.19 -4.20	30.40 1.28 0.00	31.10 1.31 0.00	33.83 1.24 0.00	36.91 1.34 -0.43	43.02 1.53 -0.01	48.55 1.55 0.00	51.22 1.73 0.00	54.70 1.64 0.00	58.67 1.76 0.00	68.35 2.01 -1.34	91.43 3.01 0.00	107.60 3.74 0.00	110.68 3.94 -0.14	101.03 3.04 0.00	92.82 2.46 -10.98	58.55 1.65 0.00	50.73 1.38 0.00	45.70 1.59 0.00	37.70 1.38 0.00
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	34.97 1.41 0.00	31.02 0.90 -0.14	29.73 0.64 -0.09	27.70 0.43 -0.40	26.45 -0.40 -0.40	29.53 0.41 0.00	30.33 0.54 0.00	32.65 0.07 0.00	35.08 -0.07 0.00	41.52 0.04 0.00	47.85 0.85 0.00	50.87 1.39 0.00	54.91 1.86 0.00	58.84 1.93 0.00	67.72 2.73 0.00	90.63 2.21 0.00	105.94 2.08 0.00	108.31 1.71 -0.01	99.85 1.86 0.00	81.13 1.75 0.00	59.46 2.56 0.00	51.62 2.27 0.00	44.95 0.84 0.00	38.03 1.71 0.00
PAWLING_115_KV_BK3_REV_LBMP_H 345028	35.64 2.08 0.00	32.92 2.07 -0.87	31.54 1.97 -0.57	31.28 1.85 -2.55	30.72 1.75 -2.53	31.10 1.98 0.00	31.93 2.14 0.00	35.03 2.44 0.00	38.29 2.60 -0.54	44.39 2.90 -0.02	49.91 2.91 0.00	52.56 3.07 0.00	56.61 3.55 0.00	60.72 3.81 0.00	69.66 4.29 -0.37	95.41 6.99 0.00	112.48 8.62 0.00	115.71 9.06 -0.05	105.24 7.25 0.00	86.11 5.48 -1.25	60.37 3.47 0.00	52.11 2.76 0.00	46.67 2.56 0.00	38.47 2.14 0.00
PEEKSKILL____ 23653	35.30 1.74 0.00	32.50 1.68 -0.85	31.18 1.62 -0.55	30.90 1.56 -2.47	30.41 1.51 -2.45	30.81 1.69 0.00	31.64 1.85 0.00	34.58 1.99 0.00	37.87 2.11 -0.62	43.73 2.24 -0.02	48.97 1.97 0.00	51.42 1.93 0.00	55.28 2.23 0.00	59.24 2.33 0.00	67.98 2.60 -0.38	93.02 4.59 0.00	109.68 5.81 0.00	112.72 6.07 -0.05	102.60 4.61 0.00	83.65 3.09 -1.18	58.66 1.77 0.00	50.83 1.48 0.00	45.83 1.72 0.00	37.85 1.53 0.00
PGE MADISON__WINDPWR 24146	36.85 3.29 0.00	32.53 2.22 -0.34	31.28 2.06 -0.22	29.73 1.88 -0.98	29.03 1.80 -0.78	31.13 2.01 0.00	32.12 2.33 0.00	35.10 2.51 0.00	37.71 2.60 0.04	45.45 3.98 0.00	51.92 4.89 -0.03	54.68 5.19 0.00	59.01 5.78 -0.17	63.68 6.48 -0.29	73.09 7.67 -0.43	100.34 9.99 -1.93	118.13 11.94 -2.33	121.39 12.25 -2.54	112.72 12.65 -2.09	91.80 10.40 -2.02	64.95 7.97 -0.09	55.86 6.51 0.00	49.05 4.94 0.00	40.43 4.10 0.00
PIERCEFIELD__HYD 23852	33.06 -0.50 0.00	29.29 -0.69 0.00	28.24 -0.75 0.00	26.04 -0.83 0.00	25.42 -1.03 0.00	27.81 -1.31 0.00	28.54 -1.25 0.00	31.45 -1.14 0.00	34.06 -1.09 0.00	40.40 -1.08 0.00	45.84 -1.18 -0.01	48.05 -1.44 0.00	51.28 -1.86 -0.08	55.22 -1.82 -0.13	63.44 -1.75 -0.20	86.40 -2.92 -0.89	101.41 -3.53 -1.08	103.18 -4.58 -1.17	96.12 -2.84 -0.97	77.85 -2.06 -0.53	55.23 -1.71 -0.04	47.92 -1.43 0.00	43.14 -0.97 0.00	35.56 -0.76 0.00
PINELAWN_CC_1 323563	46.55 3.15 -9.83	40.42 3.00 -7.45	36.66 2.81 -4.85	31.95 2.58 -2.51	31.48 2.54 -2.49	32.15 2.91 -0.12	32.92 3.13 0.00	35.91 3.33 0.00	39.37 3.55 -0.67	45.40 3.77 -0.15	48.89 1.88 0.00	55.84 1.68 -4.67	65.00 2.07 -9.88	58.77 1.88 0.01	67.46 2.08 -0.39	92.40 3.98 0.01	110.83 5.29 -1.67	116.18 5.65 -3.94	105.21 4.21 -3.01	85.73 2.54 -3.81	59.72 1.36 -1.46	50.85 1.33 -0.17	46.76 2.60 -0.04	43.20 3.09 -3.79
PJM_GEN_HTP_PROXY 323702	35.54 1.98 0.00	32.72 1.89 -0.86	31.36 1.80 -0.56	31.07 1.69 -2.50	30.61 1.67 -2.49	31.01 1.89 0.00	31.87 2.08 0.00	34.87 2.28 0.00	38.28 2.46 -0.67	44.07 2.57 -0.02	49.26 2.26 0.00	51.72 2.23 0.00	55.50 2.44 0.00	59.52 2.62 0.00	68.32 2.93 -0.40	93.55 5.13 0.00	110.41 6.55 0.00	113.37 6.72 -0.05	103.08 5.09 0.00	83.83 3.26 -1.19	58.72 1.82 0.00	50.83 1.48 0.00	46.01 1.90 0.00	38.03 1.71 0.00
PJM_GEN_KEystone 24065	34.16 0.84 0.23	31.27 0.81 -0.49	30.06 0.73 -0.34	27.23 0.62 0.26	27.24 0.42 -0.37	28.33 0.49 1.28	29.70 0.75 0.84	31.92 0.59 1.26	33.80 0.56 1.91	36.44 0.54 5.57	39.90 0.57 7.67	44.31 0.74 5.92	49.25 0.96 4.76	54.20 1.03 3.73	57.49 1.23 8.74	72.67 1.68 17.43	79.94 2.08 26.00	75.76 2.02 32.86	69.84 1.47 29.62	61.82 1.03 18.59	52.41 1.03 5.51	44.13 0.89 6.11	38.35 0.62 6.38	36.12 0.94 1.15
PJM_GEN_NEPTUNE_PROXY 323594	45.84 2.45 -9.83	39.76 2.34 -7.45	36.05 2.20 -4.85	31.42 2.04 -2.51	30.95 2.01 -2.49	31.54 2.30 -0.12	32.29 2.50 0.00	35.23 2.64 0.00	38.60 2.78 -0.67	44.53 2.90 -0.15	48.50 1.50 0.00	50.92 1.44 0.01	54.75 1.70 0.01	58.72 1.82 0.01	67.33 1.95 -0.39	92.13 3.71 0.01	108.84 4.99 0.01	111.76 5.12 -0.05	101.61 3.63 0.01	82.71 2.14 -1.19	57.97 1.08 0.01	50.18 0.84 0.01	45.88 1.77 0.00	42.37 2.25 -3.79
PJM_GEN_VFT_PROXY 323633	31.99 1.78 3.35	32.05 1.68 -0.39	31.15 1.59 -0.55	30.87 1.50 -2.50	30.42 1.48 -2.49	30.83 1.72 0.01	31.29 1.88 0.38	31.22 2.09 3.46	31.45 2.22 5.91	33.52 2.28 10.24	33.87 1.93 15.06	33.82 1.83 17.50	34.84 2.02 20.23	36.38 2.16 22.69	39.21 2.41 28.19	61.60 4.51 31.33	71.04 5.81 38.64	72.45 5.86 40.01	61.59 4.31 40.70	43.75 2.62 38.25	36.77 1.31 21.44	34.58 1.08 15.86	33.83 1.54 11.83	31.17 1.42 6.57
PLATSBRG_115KV_PMLD1 355749	33.59 0.03 0.00	29.89 -0.09 0.00	28.79 -0.20 0.00	26.68 -0.19 0.00	26.37 -0.08 0.00	29.00 -0.12 0.00	29.76 -0.03 0.00	32.78 0.20 0.00	35.57 0.42 0.00	41.89 0.41 0.00	47.52 0.52 0.00	48.80 -0.69 0.00	51.46 -1.59 0.00	54.86 -2.05 0.00	62.91 -2.08 0.00	85.06 -3.36 0.00	99.92 -3.95 0.00	102.23 -4.37 0.00	94.95 -3.04 0.00	77.08 -2.30 0.00	54.91 -1.99 0.00	48.61 -0.74 0.00	44.38 0.26 0.00	36.21 -0.11 0.00
PLEASANTVLY__LBMP 24000	35.10 1.54 0.00	32.50 1.62 -0.91	31.19 1.59 -0.59	31.02 1.50 -2.65	30.56 1.48 -2.63	30.78 1.66 0.00	31.52 1.73 0.00	34.41 1.82 0.00	37.81 1.93 -0.73	43.53 2.03 -0.02	48.79 1.79 0.00	51.27 1.78 0.00	55.02 1.96 0.00	59.01 2.11 0.00	67.75 2.27 -0.48	92.31 3.89 0.00	108.85 4.99 0.00	111.98 5.33 -0.06	102.01 4.02 0.00	83.44 2.78 -1.28	58.49 1.59 0.00	50.73 1.38 0.00	45.75 1.63 0.00	37.81 1.49 0.00
PLSNTVLE_13_KV_13.8KVDIST 80602	35.40 1.85 0.00	32.70 1.86 -0.87	31.36 1.80 -0.57	31.09 1.69 -2.53	30.63 1.67 -2.51	30.98 1.86 0.00	31.79 2.00 0.00	34.74 2.15 0.00	38.23 2.35 -0.73	44.03 2.53 -0.02	49.30 2.30 0.00	51.77 2.28 0.00	55.60 2.55 0.00	59.64 2.73 0.00	68.45 3.05 -0.40	93.55 5.13 0.00	110.41 6.54 0.00	113.47 6.82 -0.06	103.28 5.29 0.00	84.24 3.65 -1.20	59.00 2.11 0.00	51.13 1.78 0.00	46.14 2.03 0.00	38.07 1.74 0.00

PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	35.40 1.85 0.00	32.70 1.86 -0.87	31.36 1.80 -0.57	31.09 1.69 -2.53	30.63 1.67 -2.51	30.98 1.86 0.00	31.79 2.00 0.00	34.74 2.15 0.00	38.23 2.35 -0.73	44.03 2.53 -0.02	49.30 2.30 0.00	51.77 2.28 0.00	55.60 2.55 0.00	59.64 2.73 0.00	68.45 3.05 -0.40	93.55 5.13 0.00	110.41 6.54 0.00	113.47 6.82 -0.06	103.28 5.29 0.00	84.24 3.65 -1.20	59.00 2.11 0.00	51.13 1.78 0.00	46.14 2.03 0.00	38.07 1.74 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	35.44 1.88 0.00	32.74 1.86 -0.90	31.41 1.83 -0.59	31.19 1.69 -2.63	30.67 1.64 -2.58	30.98 1.86 0.00	31.76 1.97 0.00	34.64 2.05 0.00	37.74 2.11 -0.49	43.77 2.28 -0.01	49.16 2.16 0.00	51.72 2.23 0.00	55.66 2.60 0.00	59.69 2.79 0.00	68.56 3.05 -0.51	93.64 5.22 0.00	110.30 6.44 0.00	113.37 6.72 -0.06	103.38 5.39 0.00	84.59 3.81 -1.40	59.29 2.39 0.00	51.37 2.02 0.00	46.23 2.12 0.00	38.21 1.89 0.00
POLETTI____ 23519	35.44 1.88 0.00	32.72 1.89 -0.86	31.33 1.77 -0.56	31.04 1.67 -2.50	30.58 1.64 -2.49	30.98 1.86 0.00	31.82 2.03 0.00	34.84 2.25 0.00	38.24 2.43 -0.67	44.02 2.53 -0.02	49.16 2.16 0.00	51.62 2.13 0.00	55.39 2.33 0.00	59.47 2.56 0.00	68.19 2.79 -0.40	93.46 5.04 0.00	110.30 6.44 0.00	113.26 6.61 -0.05	102.89 4.90 0.00	83.75 3.18 -1.19	58.60 1.71 0.00	50.78 1.43 0.00	45.97 1.85 0.00	37.99 1.67 0.00
POMONA____ESR 323819	35.04 1.48 0.00	32.32 1.53 -0.82	31.04 1.51 -0.54	30.68 1.42 -2.39	30.22 1.40 -2.37	30.69 1.57 0.00	31.46 1.67 0.00	34.32 1.73 0.00	35.96 1.83 1.02	43.35 1.91 0.03	48.65 1.65 0.00	51.12 1.63 0.00	54.91 1.86 0.00	58.90 1.99 0.00	67.14 2.14 0.00	92.40 3.98 0.00	108.95 5.09 0.00	111.97 5.33 -0.05	101.91 3.92 0.00	83.06 2.54 -1.13	58.32 1.42 0.00	50.54 1.18 0.00	45.57 1.46 0.00	37.63 1.31 0.00
PORT_JEFF_3 23555	46.72 3.32 -9.83	40.69 3.27 -7.45	36.89 3.04 -4.85	32.14 2.77 -2.51	31.64 2.70 -2.49	32.36 3.12 -0.12	33.16 3.37 0.00	36.11 3.52 0.00	39.54 3.72 -0.67	45.57 3.94 -0.15	49.21 2.21 0.00	55.18 1.73 -3.96	63.66 2.23 -8.37	59.13 2.22 0.00	67.86 2.47 -0.40	93.02 4.59 0.00	136.30 5.81 -26.62	174.41 6.07 -61.74	150.26 4.51 -47.76	124.96 2.85 -42.72	81.83 1.65 -23.28	53.61 1.48 -2.78	47.40 2.60 -0.68	43.46 3.34 -3.80
PORT_JEFF_4 23616	46.72 3.32 -9.83	40.69 3.27 -7.45	36.89 3.04 -4.85	32.14 2.77 -2.51	31.64 2.70 -2.49	32.36 3.12 -0.12	33.16 3.37 0.00	36.11 3.52 0.00	39.54 3.72 -0.67	45.57 3.94 -0.15	49.21 2.21 0.00	55.18 1.73 -3.96	63.66 2.23 -8.37	59.13 2.22 0.00	67.86 2.47 -0.40	93.02 4.59 0.00	136.30 5.81 -26.62	174.41 6.07 -61.74	150.26 4.51 -47.76	124.96 2.85 -42.72	81.83 1.65 -23.28	53.61 1.48 -2.78	47.40 2.60 -0.68	43.46 3.34 -3.80
PORT_JEFF_IC 23713	46.82 3.42 -9.83	40.75 3.33 -7.45	36.98 3.13 -4.85	32.20 2.82 -2.51	31.69 2.75 -2.49	32.41 3.17 -0.12	33.21 3.42 0.00	36.21 3.62 0.00	39.65 3.83 -0.67	45.69 4.07 -0.15	49.35 2.35 0.00	55.51 1.98 -4.04	63.84 2.23 -8.56	59.19 2.28 -0.01	67.93 2.53 -0.40	93.11 4.68 -0.01	140.41 6.02 -30.53	183.57 6.18 -70.79	157.46 4.70 -54.77	131.21 3.02 -48.81	85.36 1.77 -26.70	54.17 1.63 -3.19	47.68 2.78 -0.79	43.58 3.45 -3.80
PPL PILGRIM_ST_GT1 24216	46.88 3.49 -9.83	40.75 3.33 -7.45	36.95 3.10 -4.85	32.22 2.85 -2.51	31.72 2.78 -2.49	32.44 3.20 -0.12	33.24 3.45 0.00	36.27 3.68 0.00	39.72 3.90 -0.67	45.86 4.23 -0.15	49.62 2.58 -0.03	87.00 2.38 -35.13	130.06 2.70 -74.30	59.29 2.39 0.00	68.05 2.67 -0.39	93.27 4.86 0.00	115.51 6.23 -5.41	125.59 6.40 -12.60	112.51 4.80 -9.72	92.04 3.02 -9.64	63.56 1.94 -4.73	51.68 1.77 -0.56	47.12 2.87 -0.14	43.64 3.52 -3.79
PPL PILGRIM_ST_GT2 24217	46.88 3.49 -9.83	40.75 3.33 -7.45	36.95 3.10 -4.85	32.22 2.85 -2.51	31.72 2.78 -2.49	32.44 3.20 -0.12	33.24 3.45 0.00	36.27 3.68 0.00	39.72 3.90 -0.67	45.86 4.23 -0.15	49.62 2.58 -0.03	87.00 2.38 -35.13	130.06 2.70 -74.30	59.29 2.39 0.00	68.05 2.67 -0.39	93.27 4.86 0.00	115.51 6.23 -5.41	125.59 6.40 -12.60	112.51 4.80 -9.72	92.04 3.02 -9.64	63.56 1.94 -4.73	51.68 1.77 -0.56	47.12 2.87 -0.14	43.64 3.52 -3.79
PPL_SHRM_GT3 24213	46.75 3.36 -9.83	40.69 3.27 -7.45	36.95 3.10 -4.85	32.14 2.77 -2.51	31.66 2.73 -2.49	32.36 3.12 -0.12	33.16 3.37 0.00	36.01 3.42 0.00	38.73 2.92 -0.67	44.74 3.11 -0.15	49.45 2.44 0.00	55.77 1.98 -4.30	65.12 2.97 -9.10	59.64 2.73 0.00	68.64 3.25 -0.40	94.09 5.66 0.00	137.93 6.96 -27.11	176.49 7.03 -62.86	152.20 5.58 -48.63	126.82 3.97 -43.48	83.22 2.62 -23.71	54.20 2.02 -2.83	47.68 2.87 -0.70	43.65 3.52 -3.80
PPL_SHRM_GT4 24214	46.75 3.36 -9.83	40.69 3.27 -7.45	36.95 3.10 -4.85	32.14 2.77 -2.51	31.66 2.73 -2.49	32.36 3.12 -0.12	33.16 3.37 0.00	36.01 3.42 0.00	38.73 2.92 -0.67	44.74 3.11 -0.15	49.45 2.44 0.00	55.77 1.98 -4.30	65.12 2.97 -9.10	59.64 2.73 0.00	68.64 3.25 -0.40	94.09 5.66 0.00	137.93 6.96 -27.11	176.49 7.03 -62.86	152.20 5.58 -48.63	126.82 3.97 -43.48	83.22 2.62 -23.71	54.20 2.02 -2.83	47.68 2.87 -0.70	43.65 3.52 -3.80
PROJECT___ORANGE 1 24174	33.53 -0.03 0.00	29.83 -0.15 0.00	28.77 -0.23 0.00	26.66 -0.21 0.00	26.38 -0.21 -0.14	28.92 -0.20 0.00	29.61 -0.18 0.00	32.33 -0.26 0.00	34.87 -0.28 0.00	41.31 -0.17 0.00	47.18 0.14 -0.04	49.79 0.30 0.00	53.81 0.53 -0.23	57.97 0.68 -0.38	66.40 0.84 -0.56	91.94 0.97 -2.55	107.77 0.83 -3.08	110.46 0.53 -3.33	101.24 0.49 -2.76	81.29 0.40 -1.51	57.58 0.57 -0.11	49.75 0.39 0.00	44.11 0.00 0.00	36.50 0.18 0.00
PROJECT___ORANGE 2 24166	33.53 -0.03 0.00	29.83 -0.15 0.00	28.77 -0.23 0.00	26.66 -0.21 0.00	26.38 -0.21 -0.14	28.92 -0.20 0.00	29.61 -0.18 0.00	32.33 -0.26 0.00	34.87 -0.28 0.00	41.31 -0.17 0.00	47.18 0.14 -0.04	49.79 0.30 0.00	53.81 0.53 -0.23	57.97 0.68 -0.38	66.40 0.84 -0.56	91.94 0.97 -2.55	107.77 0.83 -3.08	110.46 0.53 -3.33	101.24 0.49 -2.76	81.29 0.40 -1.51	57.58 0.57 -0.11	49.75 0.39 0.00	44.11 0.00 0.00	36.50 0.18 0.00
PUCKETT___SOLAR 323809	34.83 1.27 0.00	31.26 0.96 -0.32	30.08 0.87 -0.21	28.56 0.75 -0.94	27.89 0.63 -0.80	29.85 0.73 0.00	30.68 0.89 0.00	33.37 0.78 0.00	35.84 0.74 0.05	42.55 1.08 0.00	48.39 1.36 -0.03	51.02 1.54 0.00	55.07 1.86 -0.16	59.21 2.05 -0.26	67.85 2.47 -0.38	93.34 3.18 -1.74	109.70 3.73 -2.10	112.94 4.05 -2.29	104.18 4.31 -1.89	84.78 3.65 -1.75	59.99 3.01 -0.08	51.87 2.52 0.00	45.88 1.77 0.00	38.03 1.71 0.00
PYRITES___HYD 24023	33.59 0.03 0.00	29.65 -0.33 0.00	28.56 -0.43 0.00	26.41 -0.46 0.00	25.87 -0.58 0.00	28.36 -0.76 0.00	29.13 -0.66 0.00	32.07 -0.52 0.00	34.76 -0.39 0.00	41.52 0.04 0.00	47.16 0.14 -0.01	49.49 0.00 0.00	52.86 -0.27 -0.07	57.03 0.00 -0.12	65.57 0.39 -0.18	89.07 -0.18 -0.82	104.44 -0.42 -0.99	105.43 -2.24 -1.07	98.29 -0.59 -0.89	79.71 -0.16 -0.49	56.65 -0.28 -0.04	49.15 -0.20 0.00	44.16 0.04 0.00	36.25 -0.07 0.00

QUAKERRD_115KV_BK1 80622	33.39 -0.17 0.00	29.74 -0.33 -0.09	28.56 -0.49 -0.06	26.62 -0.51 -0.26	26.27 -0.45 -0.27	28.51 -0.61 0.00	29.22 -0.57 0.00	31.81 -0.78 0.00	34.30 -0.84 0.00	40.64 -0.83 0.00	46.58 -0.42 0.00	49.44 -0.05 0.00	53.27 0.21 0.00	57.02 0.11 0.00	65.45 0.45 0.00	88.33 -0.09 0.00	103.03 -0.83 0.00	105.54 -1.07 -0.01	97.21 -0.78 0.00	79.14 -0.24 0.00	57.29 0.40 0.00	49.70 0.35 0.00	43.81 -0.31 0.00	36.50 0.18 0.00
QUENSBRY_115KV_TB8 356137	36.55 2.99 0.00	35.46 2.73 -2.76	33.42 2.61 -1.81	37.32 2.39 -8.05	33.67 2.33 -4.89	31.59 2.48 0.00	32.35 2.56 0.00	35.33 2.74 0.00	38.62 3.06 -0.41	45.38 3.90 -0.01	51.09 4.09 0.00	54.19 4.70 0.00	58.16 5.09 -0.01	62.49 5.58 -0.01	74.86 6.11 -3.76	96.74 8.31 -0.01	114.15 10.28 0.00	116.81 10.02 -0.19	107.50 9.50 -0.01	104.21 8.02 -16.81	62.64 5.75 0.00	54.78 5.43 0.00	48.70 4.59 0.00	39.88 3.56 0.00
RAMAPO___LBMP 323565	34.97 1.41 0.00	32.23 1.44 -0.81	30.98 1.45 -0.53	30.62 1.37 -2.38	30.13 1.32 -2.36	30.63 1.51 0.00	31.37 1.58 0.00	34.25 1.66 0.00	35.87 1.76 1.04	43.27 1.82 0.03	48.55 1.55 0.00	50.97 1.48 0.00	54.75 1.70 0.00	58.73 1.82 0.00	66.94 1.95 0.00	92.13 3.71 0.00	108.64 4.78 0.00	111.65 5.01 -0.05	101.71 3.72 0.00	82.89 2.38 -1.13	58.21 1.31 0.00	50.44 1.09 0.00	45.48 1.37 0.00	37.56 1.23 0.00
RANKINE____ 23646	34.93 1.38 0.00	31.01 0.90 -0.13	29.72 0.64 -0.09	27.69 0.43 -0.39	26.89 0.05 -0.39	29.50 0.38 0.00	30.30 0.51 0.00	32.56 -0.03 0.00	34.97 -0.18 0.00	41.35 -0.12 0.00	47.61 0.61 0.00	50.68 1.19 0.00	54.65 1.59 0.00	58.50 1.59 0.00	67.33 2.34 0.00	90.01 1.59 0.00	105.21 1.35 0.00	107.56 0.96 -0.01	99.17 1.18 0.00	80.73 1.35 0.00	59.29 2.39 0.00	51.47 2.12 0.00	44.86 0.75 0.00	38.03 1.71 0.00
RAVENSWOOD_GT2_1 24244	35.61 2.05 0.00	32.76 1.92 -0.86	31.39 1.83 -0.56	31.10 1.72 -2.50	30.63 1.69 -2.49	31.07 1.95 0.00	31.91 2.12 0.00	34.90 2.31 0.00	38.28 2.46 -0.67	44.07 2.57 -0.02	49.21 2.21 0.00	51.62 2.13 0.00	55.39 2.33 0.00	59.41 2.50 0.00	68.12 2.73 -0.40	93.37 4.95 0.00	110.20 6.34 0.00	113.15 6.50 -0.05	102.89 4.90 0.00	83.75 3.18 -1.19	58.60 1.71 0.00	50.83 1.48 0.00	46.01 1.90 0.00	38.07 1.74 0.00
RAVENSWOOD_GT2_2 24245	35.61 2.05 0.00	32.76 1.92 -0.86	31.39 1.83 -0.56	31.10 1.72 -2.50	30.63 1.69 -2.49	31.07 1.95 0.00	31.91 2.12 0.00	34.90 2.31 0.00	38.28 2.46 -0.67	44.07 2.57 -0.02	49.21 2.21 0.00	51.62 2.13 0.00	55.39 2.33 0.00	59.41 2.50 0.00	68.12 2.73 -0.40	93.37 4.95 0.00	110.20 6.34 0.00	113.15 6.50 -0.05	102.89 4.90 0.00	83.75 3.18 -1.19	58.60 1.71 0.00	50.83 1.48 0.00	46.01 1.90 0.00	38.07 1.74 0.00
RAVENSWOOD_GT2_3 24246	35.61 2.05 0.00	32.78 1.95 -0.86	31.42 1.86 -0.56	31.12 1.75 -2.50	30.66 1.72 -2.49	31.07 1.95 0.00	31.91 2.12 0.00	34.94 2.35 0.00	38.31 2.50 -0.67	44.11 2.61 -0.02	49.26 2.26 0.00	51.66 2.18 0.00	55.45 2.39 0.00	59.47 2.56 0.00	68.19 2.79 -0.40	93.46 5.04 0.00	110.31 6.44 0.00	113.26 6.61 -0.05	102.99 4.99 0.00	83.83 3.26 -1.19	58.66 1.77 0.00	50.83 1.48 0.00	46.05 1.94 0.00	38.07 1.74 0.00
RAVENSWOOD_GT2_4 24247	35.61 2.05 0.00	32.78 1.95 -0.86	31.42 1.86 -0.56	31.12 1.75 -2.50	30.66 1.72 -2.49	31.07 1.95 0.00	31.91 2.12 0.00	34.94 2.35 0.00	38.31 2.50 -0.67	44.11 2.61 -0.02	49.26 2.26 0.00	51.66 2.18 0.00	55.45 2.39 0.00	59.47 2.56 0.00	68.19 2.79 -0.40	93.46 5.04 0.00	110.31 6.44 0.00	113.26 6.61 -0.05	102.99 4.99 0.00	83.83 3.26 -1.19	58.66 1.77 0.00	50.83 1.48 0.00	46.05 1.94 0.00	38.07 1.74 0.00
RAVENSWOOD_GT3_1 24248	35.61 2.05 0.00	32.78 1.95 -0.86	31.39 1.83 -0.56	31.10 1.72 -2.50	30.63 1.69 -2.49	31.07 1.95 0.00	31.91 2.12 0.00	34.94 2.35 0.00	38.31 2.50 -0.67	44.07 2.57 -0.02	49.21 2.21 0.00	51.62 2.13 0.00	55.39 2.33 0.00	59.41 2.50 0.00	68.19 2.79 -0.40	93.37 4.95 0.00	110.20 6.34 0.00	113.15 6.50 -0.05	102.89 4.90 0.00	83.75 3.18 -1.19	58.60 1.71 0.00	50.83 1.48 0.00	46.01 1.90 0.00	38.07 1.74 0.00
RAVENSWOOD_GT3_2 24249	35.61 2.05 0.00	32.78 1.95 -0.86	31.39 1.83 -0.56	31.10 1.72 -2.50	30.63 1.69 -2.49	31.07 1.95 0.00	31.91 2.12 0.00	34.94 2.35 0.00	38.31 2.50 -0.67	44.07 2.57 -0.02	49.21 2.21 0.00	51.62 2.13 0.00	55.39 2.33 0.00	59.41 2.50 0.00	68.19 2.79 -0.40	93.37 4.95 0.00	110.20 6.34 0.00	113.15 6.50 -0.05	102.89 4.90 0.00	83.75 3.18 -1.19	58.60 1.71 0.00	50.83 1.48 0.00	46.01 1.90 0.00	38.07 1.74 0.00
RAVENSWOOD_GT3_3 24250	35.57 2.01 0.00	32.81 1.98 -0.86	31.44 1.88 -0.56	31.15 1.77 -2.50	30.68 1.75 -2.49	31.10 1.98 0.00	31.91 2.12 0.00	34.97 2.38 0.00	38.38 2.57 -0.67	44.15 2.65 -0.02	49.35 2.35 0.00	51.77 2.28 0.00	55.50 2.44 0.00	59.58 2.67 0.00	68.32 2.92 -0.40	93.64 5.22 0.00	110.51 6.65 0.00	113.47 6.82 -0.05	103.18 5.19 0.00	83.91 3.33 -1.19	58.72 1.82 0.00	50.93 1.58 0.00	46.10 1.99 0.00	38.14 1.82 0.00
RAVENSWOOD_GT3_4 24251	35.67 2.12 0.00	32.81 1.98 -0.86	31.44 1.88 -0.56	31.15 1.77 -2.50	30.68 1.75 -2.49	31.10 1.98 0.00	31.96 2.17 0.00	34.97 2.38 0.00	38.38 2.56 -0.67	44.15 2.66 -0.02	49.35 2.35 0.00	51.77 2.28 0.00	55.50 2.44 0.00	59.58 2.68 0.00	68.32 2.93 -0.40	93.64 5.22 0.00	110.52 6.65 0.00	113.48 6.83 -0.05	103.18 5.19 0.00	83.91 3.33 -1.19	58.72 1.82 0.00	50.93 1.58 0.00	46.10 1.99 0.00	38.14 1.82 0.00
RAVENSWOOD_GT_1 23729	35.77 2.21 0.00	32.90 2.07 -0.86	31.53 1.97 -0.56	31.20 1.83 -2.50	30.76 1.82 -2.49	31.22 2.10 0.00	31.99 2.20 0.00	35.03 2.45 0.00	38.42 2.60 -0.67	44.11 2.61 -0.02	49.16 2.16 0.00	51.57 2.08 0.00	55.23 2.18 0.00	57.65 2.39 1.64	63.80 2.60 3.80	93.20 4.77 -0.01	109.99 6.13 0.00	112.82 6.18 -0.05	88.26 4.61 14.34	63.46 2.94 18.86	55.12 1.54 3.31	48.01 1.28 2.62	45.88 1.77 0.00	38.07 1.74 0.00
RAVENSWOOD_GT_10 24258	35.50 1.95 0.00	32.78 1.95 -0.86	31.39 1.83 -0.56	31.09 1.72 -2.50	30.63 1.69 -2.49	31.04 1.92 0.00	31.85 2.06 0.00	34.90 2.31 0.00	38.31 2.50 -0.67	44.06 2.57 -0.02	49.26 2.26 0.00	51.67 2.18 0.00	55.39 2.33 0.00	59.47 2.56 0.00	68.19 2.79 -0.40	93.46 5.04 0.00	110.30 6.44 0.00	113.15 6.50 -0.05	101.67 5.00 1.31	81.68 3.18 0.87	58.60 1.71 0.00	50.53 1.48 0.30	46.01 1.90 0.00	38.07 1.74 0.00
RAVENSWOOD_GT_11 24259	35.61 2.05 0.00	32.76 1.92 -0.86	31.39 1.83 -0.56	31.10 1.72 -2.50	30.63 1.69 -2.49	31.07 1.95 0.00	31.91 2.12 0.00	34.90 2.31 0.00	38.31 2.50 -0.67	44.07 2.57 -0.02	49.26 2.26 0.00	51.66 2.18 0.00	55.39 2.33 0.00	59.41 2.50 0.00	68.18 2.79 -0.40	93.46 5.04 0.00	110.31 6.44 0.00	113.15 6.50 -0.05	101.67 4.99 1.31	81.68 3.18 0.88	58.60 1.71 0.00	50.53 1.48 0.30	46.01 1.90 0.00	38.07 1.74 0.00

RAVENSWOOD_GT_4 24252	35.47 1.91 0.00	32.75 1.92 -0.86	31.39 1.83 -0.56	31.09 1.72 -2.50	30.63 1.69 -2.49	31.04 1.92 0.00	31.85 2.06 0.00	34.90 2.31 0.00	38.28 2.46 -0.67	44.11 2.61 -0.02	49.30 2.30 0.00	51.72 2.23 0.00	55.50 2.44 0.00	58.27 2.62 1.25	65.06 2.86 2.80	93.56 5.13 -0.01	110.41 6.54 0.00	113.36 6.72 -0.05	92.17 5.10 10.92	68.56 3.25 14.08	56.19 1.82 2.52	48.89 1.53 1.99	46.05 1.94 0.00	38.07 1.74 0.00
RAVENSWOOD_GT_5 24254	35.47 1.91 0.00	32.75 1.92 -0.86	31.39 1.83 -0.56	31.09 1.72 -2.50	30.63 1.69 -2.49	31.04 1.92 0.00	31.85 2.06 0.00	34.90 2.31 0.00	38.28 2.46 -0.67	44.11 2.61 -0.02	49.30 2.30 0.00	51.72 2.23 0.00	55.50 2.44 0.00	58.27 2.62 1.25	65.06 2.86 2.80	93.56 5.13 -0.01	110.41 6.54 0.00	113.36 6.72 -0.05	92.17 5.10 10.92	68.56 3.25 14.08	56.19 1.82 2.52	48.89 1.53 1.99	46.05 1.94 0.00	38.07 1.74 0.00
RAVENSWOOD_GT_6 24253	35.47 1.91 0.00	32.75 1.92 -0.86	31.39 1.83 -0.56	31.09 1.72 -2.50	30.63 1.69 -2.49	31.04 1.92 0.00	31.85 2.06 0.00	34.90 2.31 0.00	38.28 2.46 -0.67	44.11 2.61 -0.02	49.30 2.30 0.00	51.72 2.23 0.00	55.50 2.44 0.00	58.27 2.62 1.25	65.06 2.86 2.80	93.56 5.13 -0.01	110.41 6.54 0.00	113.36 6.72 -0.05	92.17 5.10 10.92	68.56 3.25 14.08	56.19 1.82 2.52	48.89 1.53 1.99	46.05 1.94 0.00	38.07 1.74 0.00
RAVENSWOOD_GT_7 24255	35.47 1.91 0.00	32.75 1.92 -0.86	31.39 1.83 -0.56	31.09 1.72 -2.50	30.63 1.69 -2.49	31.04 1.92 0.00	31.85 2.06 0.00	34.90 2.31 0.00	38.28 2.46 -0.67	44.11 2.61 -0.02	49.30 2.30 0.00	51.72 2.23 0.00	55.50 2.44 0.00	58.27 2.62 1.25	65.06 2.86 2.80	93.56 5.13 -0.01	110.41 6.54 0.00	113.36 6.72 -0.05	92.17 5.10 10.92	68.56 3.25 14.08	56.19 1.82 2.52	48.89 1.53 1.99	46.05 1.94 0.00	38.07 1.74 0.00
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	35.50 1.95 0.00	32.78 1.95 -0.86	31.39 1.83 -0.56	31.09 1.72 -2.50	30.63 1.69 -2.49	31.04 1.92 0.00	31.85 2.06 0.00	34.90 2.31 0.00	38.31 2.50 -0.67	44.06 2.57 -0.02	49.26 2.26 0.00	51.67 2.18 0.00	55.39 2.33 0.00	59.47 2.56 0.00	68.19 2.79 -0.40	93.46 5.04 0.00	110.30 6.44 0.00	113.15 6.50 -0.05	101.67 5.00 1.31	81.68 3.18 0.87	58.60 1.71 0.00	50.53 1.48 0.30	46.01 1.90 0.00	38.07 1.74 0.00
RAVENSWOOD_GT_9 24257	35.61 2.05 0.00	32.76 1.92 -0.86	31.39 1.83 -0.56	31.10 1.72 -2.50	30.63 1.69 -2.49	31.07 1.95 0.00	31.91 2.12 0.00	34.90 2.31 0.00	38.31 2.50 -0.67	44.07 2.57 -0.02	49.26 2.26 0.00	51.66 2.18 0.00	55.39 2.33 0.00	59.41 2.50 0.00	68.18 2.79 -0.40	93.46 5.04 0.00	110.31 6.44 0.00	113.15 6.50 -0.05	101.67 4.99 1.31	81.68 3.18 0.88	58.60 1.71 0.00	50.53 1.48 0.30	46.01 1.90 0.00	38.07 1.74 0.00
RAVENSWOOD___1 23533	35.74 2.18 0.00	32.87 2.04 -0.86	31.50 1.94 -0.56	31.20 1.83 -2.50	30.74 1.80 -2.49	31.19 2.07 0.00	31.96 2.17 0.00	35.03 2.45 0.00	38.38 2.56 -0.67	44.07 2.57 -0.02	49.12 2.12 0.00	51.52 2.03 0.00	55.18 2.12 0.00	55.40 2.33 3.84	58.17 2.53 9.36	93.10 4.68 0.00	109.88 6.02 0.00	112.72 6.07 -0.05	82.46 4.51 20.04	57.75 2.85 24.48	50.67 1.48 7.70	47.61 1.28 3.03	45.83 1.72 0.00	38.07 1.74 0.00
RAVENSWOOD___2 23534	35.64 2.08 0.00	32.81 1.98 -0.86	31.44 1.88 -0.56	31.12 1.75 -2.50	30.68 1.75 -2.49	31.13 2.01 0.00	31.91 2.12 0.00	34.94 2.35 0.00	38.31 2.50 -0.67	43.81 2.32 -0.02	48.69 1.69 0.00	51.07 1.58 0.00	54.70 1.65 0.00	54.82 1.82 3.90	57.43 1.95 9.51	92.22 3.80 0.00	108.85 4.99 0.00	111.65 5.01 -0.05	81.52 3.72 20.19	56.89 2.14 24.64	50.04 0.97 7.82	47.15 0.84 3.04	45.53 1.41 0.00	37.96 1.64 0.00
RAVENSWOOD___3 23535	35.61 2.05 0.00	32.78 1.95 -0.86	31.42 1.86 -0.56	31.12 1.75 -2.50	30.63 1.69 -2.49	31.07 1.95 0.00	31.91 2.12 0.00	34.94 2.35 0.00	38.31 2.50 -0.67	44.07 2.57 -0.02	49.26 2.26 0.00	51.62 2.13 0.00	55.39 2.33 0.00	59.41 2.50 0.00	68.19 2.79 -0.40	93.37 4.95 0.00	110.20 6.34 0.00	113.15 6.50 -0.05	102.89 4.90 0.00	83.75 3.18 -1.19	58.60 1.71 0.00	50.83 1.48 0.00	46.01 1.90 0.00	38.07 1.74 0.00
RAVENSWOOD___4 23820	35.71 2.15 0.00	32.84 2.01 -0.86	31.47 1.91 -0.56	31.17 1.80 -2.50	30.71 1.77 -2.49	31.16 2.04 0.00	31.94 2.15 0.00	35.00 2.41 0.00	38.35 2.53 -0.67	44.07 2.57 -0.02	49.07 2.07 0.00	51.47 1.98 0.00	55.12 2.07 0.00	53.11 2.28 6.07	52.47 2.47 14.99	93.01 4.59 0.01	109.78 5.92 0.00	112.61 5.97 -0.05	76.68 4.51 25.81	51.97 2.78 30.18	46.16 1.42 12.16	47.14 1.23 3.44	45.83 1.72 0.00	38.03 1.71 0.00
RCPL_TRUST___DRP 24196	35.50 1.95 0.00	32.78 1.95 -0.86	31.39 1.83 -0.56	31.12 1.75 -2.50	30.66 1.72 -2.49	31.07 1.95 0.00	31.88 2.09 0.00	34.93 2.35 0.00	38.35 2.53 -0.67	44.19 2.70 -0.02	49.40 2.40 0.00	51.86 2.38 0.00	55.66 2.60 0.00	59.75 2.85 0.00	68.51 3.12 -0.40	93.90 5.48 0.00	110.82 6.96 0.00	113.69 7.04 -0.05	103.28 5.29 0.00	84.07 3.49 -1.19	58.83 1.93 0.00	50.93 1.58 0.00	46.10 1.99 0.00	38.10 1.78 0.00
RED___ROCHESTER 323720	34.56 1.01 0.00	30.85 0.78 -0.09	29.58 0.52 -0.06	27.55 0.40 -0.27	27.13 0.40 -0.28	29.58 0.46 0.00	30.15 0.36 0.00	32.85 0.26 0.00	35.50 0.35 0.00	42.05 0.58 0.00	48.31 1.31 0.00	51.37 1.88 0.00	55.39 2.33 0.00	59.29 2.39 0.00	67.99 2.99 0.00	91.60 3.18 0.00	106.56 2.70 0.00	109.16 2.55 -0.01	100.64 2.65 0.00	82.16 2.78 0.00	59.68 2.79 0.00	51.82 2.47 0.00	45.48 1.37 0.00	38.03 1.71 0.00
REGAN___SOLAR 323812	38.02 4.46 0.00	36.48 3.93 -2.57	34.40 3.71 -1.69	37.80 3.41 -7.52	34.80 3.33 -5.02	32.70 3.58 0.00	33.66 3.87 0.00	36.69 4.11 0.00	39.91 4.43 -0.34	47.91 6.43 -0.01	54.47 7.47 0.00	57.31 7.82 0.00	61.33 8.27 -0.01	65.78 8.87 -0.01	78.02 11.05 -1.98	104.25 15.82 -0.01	123.28 19.42 0.00	123.17 16.41 -0.17	113.67 15.67 -0.01	108.28 13.09 -15.81	66.45 9.56 0.00	57.40 8.05 0.00	50.64 6.53 0.00	41.77 5.45 0.00
RENSSELAER___COGEN 23796	34.60 1.04 0.00	32.89 1.05 -1.86	31.32 1.10 -1.22	33.32 1.02 -5.43	31.36 0.98 -3.93	30.20 1.08 0.00	30.92 1.13 0.00	33.60 1.01 0.00	36.60 1.02 -0.43	42.56 1.08 -0.01	47.99 0.99 0.00	50.58 1.09 0.00	53.87 0.85 0.04	57.78 0.91 0.04	52.46 0.98 13.51	89.98 1.59 0.04	105.94 2.08 0.00	108.95 2.34 -0.01	99.62 1.66 0.04	89.37 1.27 -8.72	57.75 0.85 0.00	50.04 0.69 0.00	45.22 1.10 0.00	37.38 1.05 0.00
REPUBLIC_115KV_BARTNBRK 55605	39.16 5.60 0.00	37.67 4.95 -2.75	35.44 4.64 -1.80	39.17 4.27 -8.03	35.51 4.18 -4.88	33.52 4.40 0.00	34.41 4.62 0.00	37.77 5.18 0.00	41.43 5.87 -0.41	48.95 7.47 -0.01	55.51 8.51 0.00	59.44 9.95 0.00	63.78 10.72 -0.01	68.75 11.84 -0.01	82.62 13.78 -3.84	106.47 18.04 -0.01	125.78 21.92 0.00	127.15 20.36 -0.19	117.01 19.01 -0.01	111.91 15.80 -16.73	68.45 11.55 0.00	59.96 10.61 0.00	52.85 8.73 0.00	43.08 6.76 0.00

REVERE_CPDR_DRP 24186	34.97 1.41 0.00	30.76 0.78 0.00	29.64 0.64 0.00	27.51 0.64 0.00	27.11 0.58 -0.08	29.85 0.73 0.00	30.65 0.86 0.00	33.60 1.01 0.00	36.31 1.16 0.00	43.42 1.95 0.00	49.56 2.54 -0.02	52.26 2.77 0.00	56.14 2.97 -0.11	60.56 3.47 -0.18	69.49 4.22 -0.27	94.96 5.31 -1.23	111.89 6.54 -1.49	114.17 5.97 -1.61	105.30 5.98 -1.33	84.95 4.84 -0.73	60.65 3.70 -0.05	52.36 3.01 0.00	46.45 2.34 0.00	38.25 1.93 0.00
REYNOLDS_115KV_TB3 80639	34.87 1.31 0.00	33.33 1.38 -1.97	31.68 1.39 -1.29	33.91 1.29 -5.75	31.76 1.27 -4.04	30.49 1.37 0.00	31.19 1.40 0.00	33.89 1.30 0.00	36.95 1.37 -0.44	42.98 1.49 -0.01	48.46 1.46 0.00	51.07 1.58 0.00	54.62 1.54 -0.03	58.53 1.59 -0.03	77.38 1.75 -10.63	91.19 2.74 -0.03	107.19 3.32 0.00	110.52 3.73 -0.20	100.86 2.84 -0.03	91.32 2.22 -9.72	58.38 1.48 0.00	50.63 1.28 0.00	45.61 1.50 0.00	37.70 1.38 0.00
RIVERBAY____ 323610	36.22 2.65 -0.01	33.39 2.55 -0.87	31.97 2.41 -0.57	31.60 2.23 -2.50	31.16 2.22 -2.49	31.45 2.33 0.00	32.23 2.44 0.00	35.33 2.74 0.00	38.66 2.85 -0.67	44.77 3.28 -0.02	49.82 2.82 0.00	52.41 2.92 0.00	56.29 3.24 0.00	60.60 3.70 0.01	69.48 4.09 -0.39	95.33 6.90 -0.01	112.60 8.72 -0.01	114.44 7.78 -0.06	104.07 6.08 -0.01	84.71 4.13 -1.20	59.22 2.33 0.01	51.37 2.02 0.01	46.50 2.38 -0.01	38.55 2.22 -0.01
RIVERSDE_115KV_TB3 55908	34.80 1.24 0.00	33.26 1.29 -2.00	31.61 1.30 -1.31	33.91 1.21 -5.83	31.71 1.19 -4.07	30.40 1.28 0.00	31.10 1.31 0.00	33.79 1.21 0.00	36.88 1.30 -0.43	42.94 1.45 -0.01	48.41 1.41 0.00	51.07 1.58 0.00	54.55 1.49 -0.01	58.45 1.54 -0.01	71.35 1.69 -4.66	91.08 2.65 -0.01	107.19 3.32 0.00	110.37 3.62 -0.15	100.75 2.74 -0.01	91.47 2.14 -9.94	58.32 1.42 0.00	50.58 1.23 0.00	45.57 1.46 0.00	37.63 1.31 0.00
ROARING__BROOK_WT_PWR 323790	33.29 -0.27 0.00	29.74 -0.24 0.00	28.74 -0.26 0.00	26.63 -0.24 0.00	26.21 -0.24 0.00	28.86 -0.26 0.00	29.52 -0.27 0.00	32.36 -0.23 0.00	34.94 -0.21 0.00	41.27 -0.21 0.00	46.77 -0.23 0.00	49.19 -0.30 0.00	52.63 -0.43 0.00	56.45 -0.46 0.00	64.47 -0.52 0.00	87.62 -0.80 0.00	103.03 -0.83 0.00	105.63 -0.96 0.00	97.31 -0.68 0.00	78.83 -0.55 0.00	56.44 -0.46 0.00	48.91 -0.45 0.00	43.63 -0.48 0.00	35.78 -0.54 0.00
ROCHESRG_115KV_T4 355643	34.30 0.74 0.00	30.49 0.42 -0.09	29.26 0.20 -0.06	27.27 0.13 -0.27	26.91 0.19 -0.28	29.18 0.06 0.00	29.94 0.15 0.00	32.46 -0.13 0.00	34.97 -0.18 0.00	41.39 -0.08 0.00	47.47 0.47 0.00	50.43 0.94 0.00	54.33 1.27 0.00	58.10 1.20 0.00	66.75 1.75 0.00	89.92 1.50 0.00	104.80 0.93 0.00	107.35 0.75 -0.01	98.97 0.98 0.00	80.65 1.27 0.00	58.60 1.71 0.00	50.88 1.53 0.00	44.73 0.62 0.00	37.45 1.13 0.00
ROCHESTER_9_IC 23652	34.57 1.01 0.00	30.70 0.63 -0.09	29.46 0.41 -0.06	27.47 0.32 -0.27	27.08 0.34 -0.28	29.35 0.23 0.00	30.12 0.33 0.00	32.72 0.13 0.00	35.25 0.11 0.00	41.76 0.29 0.00	47.94 0.94 0.00	50.92 1.44 0.00	54.91 1.86 0.00	58.73 1.82 0.00	67.46 2.47 0.00	90.90 2.48 0.00	105.84 1.97 0.00	108.31 1.71 -0.01	99.85 1.86 0.00	81.45 2.06 0.00	59.17 2.28 0.00	51.37 2.02 0.00	45.13 1.01 0.00	37.78 1.45 0.00
ROCKVIEW_13_KV_LD 356306	35.54 1.98 0.00	32.81 1.98 -0.86	31.44 1.88 -0.56	31.15 1.77 -2.50	30.68 1.75 -2.49	31.10 1.98 0.00	31.91 2.12 0.00	34.93 2.35 0.00	38.38 2.57 -0.67	44.23 2.74 -0.02	49.54 2.54 0.00	52.01 2.52 0.00	55.87 2.81 0.00	59.92 3.02 0.00	68.77 3.38 -0.40	94.08 5.66 0.00	111.13 7.27 0.00	114.11 7.46 -0.05	103.87 5.88 0.00	84.54 3.97 -1.19	59.23 2.33 0.00	51.28 1.92 0.00	46.28 2.16 0.00	38.21 1.89 0.00
ROME____115KV_TB2 80656	34.97 1.41 0.00	30.76 0.78 0.00	29.64 0.64 0.00	27.51 0.64 0.00	27.11 0.58 -0.08	29.85 0.73 0.00	30.65 0.86 0.00	33.60 1.01 0.00	36.31 1.16 0.00	43.42 1.95 0.00	49.56 2.54 -0.02	52.26 2.77 0.00	56.14 2.97 -0.11	60.56 3.47 -0.18	69.49 4.22 -0.27	94.96 5.31 -1.23	111.89 6.54 -1.49	114.17 5.97 -1.61	105.30 5.98 -1.33	84.95 4.84 -0.73	60.65 3.70 -0.05	52.36 3.01 0.00	46.45 2.34 0.00	38.25 1.93 0.00
ROSETON__1 23587	35.10 1.54 0.00	32.36 1.53 -0.85	31.09 1.54 -0.56	30.81 1.45 -2.49	30.33 1.40 -2.48	30.69 1.57 0.00	31.49 1.70 0.00	34.35 1.76 0.00	38.08 1.83 -1.10	43.41 1.91 -0.03	48.69 1.69 0.00	51.12 1.63 0.00	54.86 1.80 0.00	58.84 1.94 0.00	67.07 2.08 0.00	92.13 3.71 0.00	108.54 4.68 0.00	111.55 4.91 -0.05	101.71 3.72 0.00	83.07 2.54 -1.15	58.37 1.48 0.00	50.63 1.28 0.00	45.66 1.54 0.00	37.74 1.42 0.00
ROSETON__2 23588	35.10 1.54 0.00	32.36 1.53 -0.85	31.09 1.54 -0.56	30.81 1.45 -2.49	30.33 1.40 -2.48	30.69 1.57 0.00	31.49 1.70 0.00	34.35 1.76 0.00	38.08 1.83 -1.10	43.41 1.91 -0.03	48.69 1.69 0.00	51.12 1.63 0.00	54.86 1.80 0.00	58.84 1.94 0.00	67.07 2.08 0.00	92.13 3.71 0.00	108.54 4.68 0.00	111.55 4.91 -0.05	101.71 3.72 0.00	83.07 2.54 -1.15	58.37 1.48 0.00	50.63 1.28 0.00	45.66 1.54 0.00	37.74 1.42 0.00
ROTTTRDAM_115KV_TB3 80664	35.17 1.61 0.00	34.48 1.59 -2.91	32.50 1.59 -1.91	36.85 1.48 -8.50	32.95 1.43 -5.07	30.69 1.57 0.00	31.37 1.58 0.00	34.19 1.60 0.00	37.27 1.72 -0.40	43.52 2.03 -0.01	49.07 2.07 0.00	51.72 2.23 0.00	55.45 2.39 -0.01	59.47 2.56 -0.01	70.07 2.79 -2.28	92.58 4.16 -0.01	108.95 5.09 0.00	112.12 5.33 -0.19	102.60 4.61 -0.01	101.30 3.73 -18.18	59.51 2.62 0.00	51.62 2.27 0.00	46.28 2.16 0.00	38.10 1.78 0.00
RUSSELL__1 23602	34.77 1.21 0.00	30.88 0.81 -0.09	29.61 0.55 -0.06	27.60 0.46 -0.27	27.21 0.48 -0.28	29.53 0.41 0.00	30.30 0.51 0.00	32.95 0.36 0.00	35.50 0.35 0.00	42.05 0.58 0.00	48.32 1.32 0.00	51.37 1.88 0.00	55.39 2.33 0.00	59.24 2.33 0.00	67.98 2.99 0.00	91.60 3.18 0.00	106.56 2.70 0.00	109.16 2.56 -0.01	100.64 2.65 0.00	82.16 2.78 0.00	59.68 2.79 0.00	51.82 2.47 0.00	45.48 1.37 0.00	38.03 1.71 0.00
RUSSELL__2 23532	34.77 1.21 0.00	30.88 0.81 -0.09	29.61 0.55 -0.06	27.60 0.46 -0.27	27.21 0.48 -0.28	29.53 0.41 0.00	30.30 0.51 0.00	32.95 0.36 0.00	35.50 0.35 0.00	42.05 0.58 0.00	48.32 1.32 0.00	51.37 1.88 0.00	55.39 2.33 0.00	59.24 2.33 0.00	67.98 2.99 0.00	91.60 3.18 0.00	106.56 2.70 0.00	109.16 2.56 -0.01	100.64 2.65 0.00	82.16 2.78 0.00	59.68 2.79 0.00	51.82 2.47 0.00	45.48 1.37 0.00	38.03 1.71 0.00
RUSSELL__3 23549	34.77 1.21 0.00	30.88 0.81 -0.09	29.61 0.55 -0.06	27.60 0.46 -0.27	27.21 0.48 -0.28	29.53 0.41 0.00	30.30 0.51 0.00	32.95 0.36 0.00	35.50 0.35 0.00	42.05 0.58 0.00	48.32 1.32 0.00	51.37 1.88 0.00	55.39 2.33 0.00	59.24 2.33 0.00	67.98 2.99 0.00	91.60 3.18 0.00	106.56 2.70 0.00	109.16 2.56 -0.01	100.64 2.65 0.00	82.16 2.78 0.00	59.68 2.79 0.00	51.82 2.47 0.00	45.48 1.37 0.00	38.03 1.71 0.00

RUSSELL___4 23556	34.77 1.21 0.00	30.88 0.81 -0.09	29.61 0.55 -0.06	27.60 0.46 -0.27	27.21 0.48 -0.28	29.53 0.41 0.00	30.30 0.51 0.00	32.95 0.36 0.00	35.50 0.35 0.00	42.05 0.58 0.00	48.32 1.32 0.00	51.37 1.88 0.00	55.39 2.33 0.00	59.24 2.33 0.00	67.98 2.99 0.00	91.60 3.18 0.00	106.56 2.70 0.00	109.16 2.56 -0.01	100.64 2.65 0.00	82.16 2.78 0.00	59.68 2.79 0.00	51.82 2.47 0.00	45.48 1.37 0.00	38.03 1.71 0.00
RUSSELL___STATION 23914	34.77 1.21 0.00	30.88 0.81 -0.09	29.61 0.55 -0.06	27.60 0.46 -0.27	27.21 0.48 -0.28	29.53 0.41 0.00	30.30 0.51 0.00	32.95 0.36 0.00	35.50 0.35 0.00	42.05 0.58 0.00	48.32 1.32 0.00	51.37 1.88 0.00	55.39 2.33 0.00	59.24 2.33 0.00	67.98 2.99 0.00	91.60 3.18 0.00	106.56 2.70 0.00	109.16 2.56 -0.01	100.64 2.65 0.00	82.16 2.78 0.00	59.68 2.79 0.00	51.82 2.47 0.00	45.48 1.37 0.00	38.03 1.71 0.00
S SALMON___HYD 24043	33.49 -0.07 0.00	29.68 -0.30 0.00	28.65 -0.35 0.00	26.55 -0.32 0.00	26.25 -0.32 -0.11	28.74 -0.38 0.00	29.46 -0.33 0.00	32.16 -0.42 0.00	34.62 -0.53 0.00	41.14 -0.33 0.00	46.91 -0.19 -0.10	49.49 0.00 0.00	53.71 0.11 -0.55	58.05 0.23 -0.91	66.81 0.46 -1.36	94.94 0.36 -6.16	111.41 0.10 -7.44	114.75 0.11 -8.05	105.16 0.49 -6.68	83.52 0.48 -3.65	57.80 0.63 -0.27	49.74 0.39 0.00	44.11 0.00 0.00	36.47 0.15 0.00
S.PERRY___115KV_TB1 80734	35.04 1.48 0.00	31.11 0.99 -0.14	29.76 0.67 -0.09	27.84 0.56 -0.41	27.25 0.40 -0.40	29.67 0.55 0.00	30.33 0.54 0.00	32.69 0.10 0.00	34.94 -0.21 0.00	41.10 -0.37 0.00	45.64 -1.36 0.00	48.30 -1.19 0.00	52.26 -0.80 0.00	55.88 -1.02 0.00	64.15 -0.84 0.00	87.18 -1.24 0.00	101.68 -2.18 0.00	105.22 -1.39 -0.01	97.11 -0.88 0.00	79.70 0.32 0.00	58.72 1.82 0.00	50.93 1.58 0.00	44.60 0.49 0.00	38.36 2.03 0.00
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	34.60 1.04 0.00	30.73 0.63 -0.13	29.49 0.41 -0.08	27.46 0.21 -0.37	26.85 0.03 -0.37	29.27 0.15 0.00	30.03 0.24 0.00	32.20 -0.39 0.00	34.59 -0.56 0.00	40.89 -0.58 0.00	47.05 0.05 0.00	50.08 0.59 0.00	53.96 0.90 0.00	57.70 0.80 0.00	66.42 1.43 0.00	88.86 0.44 0.00	103.76 -0.10 0.00	105.96 -0.64 -0.01	97.79 -0.20 0.00	79.62 0.24 0.00	58.60 1.71 0.00	50.93 1.58 0.00	44.42 0.31 0.00	37.70 1.38 0.00
SAWYER___23_KV_LOAD 55526	34.60 1.04 0.00	30.73 0.63 -0.13	29.49 0.41 -0.08	27.46 0.21 -0.37	26.85 0.03 -0.37	29.27 0.15 0.00	30.03 0.24 0.00	32.20 -0.39 0.00	34.59 -0.56 0.00	40.89 -0.58 0.00	47.05 0.05 0.00	50.08 0.59 0.00	53.96 0.90 0.00	57.70 0.80 0.00	66.42 1.43 0.00	88.86 0.44 0.00	103.76 -0.10 0.00	105.96 -0.64 -0.01	97.79 -0.20 0.00	79.62 0.24 0.00	58.60 1.71 0.00	50.93 1.58 0.00	44.42 0.31 0.00	37.70 1.38 0.00
SELKIRK___I 23801	35.07 1.51 0.00	33.03 1.47 -1.58	31.54 1.51 -1.04	32.89 1.40 -4.63	31.42 1.35 -3.62	30.58 1.46 0.00	31.25 1.46 0.00	33.99 1.40 0.00	36.99 1.44 -0.40	43.15 1.66 -0.01	48.69 1.69 0.00	51.32 1.83 0.00	53.57 0.53 0.02	57.40 0.51 0.02	58.90 0.52 6.61	89.29 0.88 0.02	105.11 1.25 0.00	108.24 1.60 -0.05	98.95 0.98 0.02	86.62 0.96 -6.28	57.52 0.63 0.00	49.89 0.54 0.00	45.88 1.77 0.00	37.88 1.56 0.00
SELKIRK___II 23799	34.70 1.14 0.00	32.77 1.14 -1.65	31.27 1.19 -1.08	32.80 1.10 -4.83	31.25 1.08 -3.72	30.29 1.17 0.00	30.98 1.19 0.00	33.70 1.11 0.00	36.73 1.16 -0.42	42.73 1.24 -0.01	48.13 1.13 0.00	50.73 1.24 0.00	53.67 0.64 0.02	57.51 0.63 0.02	57.91 0.65 7.73	89.46 1.06 0.02	105.32 1.45 0.00	108.45 1.81 -0.04	99.15 1.18 0.02	87.23 1.03 -6.82	57.52 0.63 0.00	49.89 0.54 0.00	45.35 1.23 0.00	37.48 1.16 0.00
SENECA OSWGO___HYD 24041	33.22 -0.34 0.00	29.59 -0.39 0.00	28.56 -0.43 0.00	26.44 -0.43 0.00	26.18 -0.40 -0.13	28.68 -0.44 0.00	29.31 -0.48 0.00	32.03 -0.55 0.00	34.48 -0.67 0.00	40.85 -0.62 0.00	46.67 -0.47 -0.14	49.14 -0.34 0.00	53.66 -0.16 -0.77	58.12 -0.06 -1.27	66.88 0.00 -1.89	96.88 -0.09 -8.55	113.88 -0.31 -10.33	117.23 -0.53 -11.17	106.77 -0.49 -9.27	84.06 -0.39 -5.07	57.22 -0.06 -0.38	49.20 -0.15 0.00	43.72 -0.40 0.00	36.14 -0.18 0.00
SENECA___115KV_TB3 355854	35.00 1.44 0.00	31.04 0.93 -0.13	29.75 0.67 -0.09	27.72 0.46 -0.39	26.95 0.11 -0.39	29.56 0.44 0.00	30.36 0.57 0.00	32.59 0.00 0.00	35.04 -0.11 0.00	41.43 -0.04 0.00	47.75 0.75 0.00	50.78 1.29 0.00	54.75 1.70 0.00	58.61 1.71 0.00	67.53 2.53 0.00	90.28 1.86 0.00	105.42 1.56 0.00	107.78 1.17 -0.01	99.36 1.37 0.00	80.89 1.51 0.00	59.40 2.50 0.00	51.57 2.22 0.00	44.95 0.84 0.00	38.10 1.78 0.00
SENECA___ENERGY 23797	33.96 0.40 0.00	30.35 0.27 -0.10	29.21 0.15 -0.07	27.27 0.11 -0.29	26.83 0.08 -0.30	29.27 0.15 0.00	29.97 0.18 0.00	32.65 0.07 0.00	35.18 0.04 0.00	41.77 0.29 0.00	47.86 0.80 -0.06	50.58 1.09 0.00	54.86 1.48 -0.32	59.08 1.65 -0.53	67.86 2.08 -0.78	94.35 2.39 -3.55	110.74 2.60 -4.28	113.69 2.45 -4.64	104.28 2.45 -3.84	83.47 1.99 -2.10	58.93 1.87 -0.16	50.83 1.48 0.00	44.82 0.70 0.00	37.19 0.87 0.00
SHOEMAKER___GT 23640	35.00 1.44 0.00	32.12 1.38 -0.76	30.83 1.33 -0.50	30.35 1.26 -2.22	29.87 1.22 -2.21	30.49 1.37 0.00	31.25 1.46 0.00	34.09 1.50 0.00	35.62 1.51 1.04	42.98 1.54 0.03	48.41 1.41 0.00	50.87 1.38 0.00	54.70 1.65 0.00	58.61 1.71 0.00	66.88 1.89 0.00	91.86 3.44 0.00	108.22 4.36 0.00	111.22 4.58 -0.05	101.62 3.63 0.00	82.97 2.54 -1.05	58.49 1.59 0.00	50.68 1.33 0.00	45.57 1.45 0.00	37.67 1.34 0.00
SHOEMAKR_138KV_BK 111 55601	34.90 1.34 0.00	32.08 1.35 -0.75	30.80 1.30 -0.49	30.31 1.24 -2.20	29.83 1.19 -2.19	30.49 1.37 0.00	31.22 1.43 0.00	34.02 1.43 0.00	35.62 1.51 1.04	42.98 1.53 0.03	48.36 1.36 0.00	50.87 1.39 0.00	54.65 1.59 0.00	58.61 1.71 0.00	66.81 1.82 0.00	91.78 3.36 0.00	108.12 4.26 0.00	111.12 4.48 -0.05	101.52 3.53 0.00	82.88 2.46 -1.04	58.38 1.48 0.00	50.58 1.23 0.00	45.53 1.41 0.00	37.59 1.27 0.00
SHOREHAM_IC_1 23715	46.75 3.36 -9.83	40.69 3.27 -7.45	36.95 3.10 -4.85	32.14 2.77 -2.51	31.66 2.73 -2.49	32.36 3.12 -0.12	33.16 3.37 0.00	36.01 3.42 0.00	38.73 2.92 -0.67	44.74 3.11 -0.15	49.45 2.44 0.00	55.77 1.98 -4.30	65.12 2.97 -9.10	59.64 2.73 0.00	68.64 3.25 -0.40	94.09 5.66 0.00	137.93 6.96 -27.11	176.49 7.03 -62.86	152.20 5.58 -48.63	126.82 3.97 -43.48	83.22 2.62 -23.71	54.20 2.02 -2.83	47.68 2.87 -0.70	43.65 3.52 -3.80
SHOREHAM_IC_2 23716	46.75 3.36 -9.83	40.69 3.27 -7.45	36.95 3.10 -4.85	32.14 2.77 -2.51	31.66 2.73 -2.49	32.36 3.12 -0.12	33.16 3.37 0.00	36.01 3.42 0.00	38.73 2.92 -0.67	44.74 3.11 -0.15	49.45 2.44 0.00	55.77 1.98 -4.30	65.12 2.97 -9.10	59.64 2.73 0.00	68.64 3.25 -0.40	94.09 5.66 0.00	137.93 6.96 -27.11	176.49 7.03 -62.86	152.20 5.58 -48.63	126.82 3.97 -43.48	83.22 2.62 -23.71	54.20 2.02 -2.83	47.68 2.87 -0.70	43.65 3.52 -3.80

SISSONVILLE____ 23735	33.06 -0.50 0.00	29.29 -0.69 0.00	28.24 -0.75 0.00	26.04 -0.83 0.00	25.42 -1.03 0.00	27.81 -1.31 0.00	28.54 -1.25 0.00	31.45 -1.14 0.00	34.06 -1.09 0.00	40.40 -1.08 0.00	45.84 -1.18 -0.01	48.05 -1.44 0.00	51.28 -1.86 -0.08	55.22 -1.82 -0.13	63.44 -1.75 -0.20	86.40 -2.92 -0.89	101.41 -3.53 -1.08	103.18 -4.58 -1.17	96.12 -2.84 -0.97	77.85 -2.06 -0.53	55.23 -1.71 -0.04	47.92 -1.43 0.00	43.14 -0.97 0.00	35.56 -0.76 0.00
SITHE_IND_GS1 24169	32.69 -0.87 0.00	29.14 -0.84 0.00	28.16 -0.84 0.00	26.09 -0.78 0.00	25.78 -0.77 -0.10	28.30 -0.82 0.00	28.93 -0.86 0.00	31.61 -0.98 0.00	34.06 -1.09 0.00	40.27 -1.20 0.00	45.37 -1.22 0.40	48.35 -1.14 0.00	49.73 -1.12 2.21	52.05 -1.20 3.66	58.25 -1.30 5.44	61.93 -1.86 24.63	71.72 -2.38 29.75	71.86 -2.56 32.17	68.94 -2.35 26.69	62.95 -1.82 14.61	54.66 -1.14 1.10	48.31 -1.04 0.00	43.01 -1.10 0.00	35.52 -0.80 0.00
SITHE_IND_GS2 24170	32.69 -0.87 0.00	29.14 -0.84 0.00	28.16 -0.84 0.00	26.09 -0.78 0.00	25.78 -0.77 -0.10	28.30 -0.82 0.00	28.93 -0.86 0.00	31.61 -0.98 0.00	34.06 -1.09 0.00	40.27 -1.20 0.00	45.37 -1.22 0.40	48.35 -1.14 0.00	49.73 -1.12 2.21	52.05 -1.20 3.66	58.25 -1.30 5.44	61.93 -1.86 24.63	71.72 -2.38 29.75	71.86 -2.56 32.17	68.94 -2.35 26.69	62.95 -1.82 14.61	54.66 -1.14 1.10	48.31 -1.04 0.00	43.01 -1.10 0.00	35.52 -0.80 0.00
SITHE_IND_GS3 24171	32.69 -0.87 0.00	29.14 -0.84 0.00	28.16 -0.84 0.00	26.09 -0.78 0.00	25.78 -0.77 -0.10	28.30 -0.82 0.00	28.93 -0.86 0.00	31.61 -0.98 0.00	34.06 -1.09 0.00	40.27 -1.20 0.00	45.37 -1.22 0.40	48.35 -1.14 0.00	49.73 -1.12 2.21	52.05 -1.20 3.66	58.25 -1.30 5.44	61.93 -1.86 24.63	71.72 -2.38 29.75	71.86 -2.56 32.17	68.94 -2.35 26.69	62.95 -1.82 14.61	54.66 -1.14 1.10	48.31 -1.04 0.00	43.01 -1.10 0.00	35.52 -0.80 0.00
SITHE_IND_GS4 24172	32.69 -0.87 0.00	29.14 -0.84 0.00	28.16 -0.84 0.00	26.09 -0.78 0.00	25.78 -0.77 -0.10	28.30 -0.82 0.00	28.93 -0.86 0.00	31.61 -0.98 0.00	34.06 -1.09 0.00	40.27 -1.20 0.00	45.37 -1.22 0.40	48.35 -1.14 0.00	49.73 -1.12 2.21	52.05 -1.20 3.66	58.25 -1.30 5.44	61.93 -1.86 24.63	71.72 -2.38 29.75	71.86 -2.56 32.17	68.94 -2.35 26.69	62.95 -1.82 14.61	54.66 -1.14 1.10	48.31 -1.04 0.00	43.01 -1.10 0.00	35.52 -0.80 0.00
SITHE____BATAVIA 24024	34.94 1.38 0.00	31.08 0.99 -0.11	29.74 0.67 -0.07	27.70 0.51 -0.32	27.12 0.34 -0.33	29.56 0.44 0.00	30.27 0.48 0.00	32.79 0.20 0.00	35.36 0.21 0.00	41.85 0.37 0.00	48.22 1.22 0.00	51.37 1.88 0.00	55.39 2.33 0.00	59.18 2.28 0.00	68.05 3.06 0.00	91.33 2.91 0.00	106.35 2.49 0.00	108.52 1.92 -0.01	100.34 2.35 0.00	82.08 2.70 0.00	60.02 3.13 0.00	52.11 2.76 0.00	45.53 1.41 0.00	38.43 2.11 0.00
SITHE____INDEPEND 23800	32.72 -0.84 0.00	29.17 -0.81 0.00	28.16 -0.84 0.00	26.09 -0.78 0.00	25.81 -0.74 -0.10	28.28 -0.84 0.00	28.96 -0.83 0.00	31.61 -0.98 0.00	34.06 -1.09 0.00	40.27 -1.20 0.00	45.37 -1.22 0.40	48.35 -1.14 0.00	49.73 -1.11 2.21	52.05 -1.20 3.66	58.25 -1.30 5.44	61.93 -1.86 24.63	71.72 -2.39 29.75	71.87 -2.56 32.17	68.95 -2.35 26.69	62.94 -1.83 14.61	54.66 -1.14 1.10	48.31 -1.04 0.00	43.01 -1.10 0.00	35.52 -0.80 0.00
SITHE____MASSENA 23902	33.19 -0.37 0.00	29.59 -0.39 0.00	28.53 -0.47 0.00	26.41 -0.46 0.00	26.00 -0.45 0.00	28.57 -0.55 0.00	29.25 -0.54 0.00	32.13 -0.46 0.00	34.76 -0.39 0.00	41.06 -0.41 0.00	46.58 -0.42 0.00	48.90 -0.59 0.00	52.20 -0.85 0.00	56.11 -0.80 0.00	64.28 -0.71 0.00	87.00 -1.42 0.00	102.10 -1.77 0.00	104.04 -2.56 0.00	96.62 -1.37 0.00	78.51 -0.87 0.00	56.04 -0.85 0.00	48.71 -0.64 0.00	43.67 -0.44 0.00	35.78 -0.54 0.00
SITHE____OGDNSBRG 24021	33.59 0.03 0.00	29.68 -0.30 0.00	28.62 -0.38 0.00	26.49 -0.38 0.00	26.00 -0.45 0.00	28.54 -0.58 0.00	29.28 -0.51 0.00	32.23 -0.36 0.00	34.90 -0.25 0.00	41.43 -0.04 0.00	47.05 0.05 0.00	49.34 -0.15 0.00	52.68 -0.37 0.00	56.73 -0.17 0.00	65.19 0.19 0.00	88.15 -0.27 0.00	103.45 -0.42 0.00	104.78 -1.81 0.00	97.70 -0.29 0.00	79.46 0.08 0.00	56.78 -0.11 0.00	49.30 -0.05 0.00	44.25 0.13 0.00	36.29 -0.04 0.00
SITHE____STERLING 23777	34.63 1.07 0.00	30.58 0.60 0.00	29.55 0.55 0.00	27.38 0.51 0.00	27.04 0.50 -0.09	29.67 0.55 0.00	30.44 0.65 0.00	33.34 0.75 0.00	35.99 0.84 0.00	42.97 1.49 0.00	49.00 1.97 -0.02	51.66 2.18 0.00	55.62 2.44 -0.12	59.90 2.79 -0.20	68.67 3.38 -0.30	94.12 4.33 -1.37	110.70 5.19 -1.65	113.07 4.68 -1.78	104.17 4.70 -1.48	83.92 3.73 -0.81	59.86 2.90 -0.06	51.67 2.32 0.00	45.92 1.81 0.00	37.81 1.49 0.00
SLEIGHT__34_KV_TB1 80719	34.87 1.31 0.00	31.00 0.93 -0.09	29.78 0.72 -0.06	27.79 0.64 -0.27	27.36 0.63 -0.28	29.91 0.79 0.00	30.65 0.86 0.00	33.50 0.91 0.00	36.17 1.02 0.00	43.17 1.70 0.00	49.68 2.63 -0.05	52.46 2.97 0.00	57.03 3.71 -0.26	61.31 3.98 -0.43	70.37 4.74 -0.63	97.47 6.19 -2.86	113.87 6.54 -3.46	116.31 5.97 -3.75	106.87 5.78 -3.10	85.76 4.68 -1.70	60.78 3.76 -0.13	52.36 3.01 0.00	46.14 2.03 0.00	38.18 1.85 0.00
SOUTH CAIRO____GT 23612	36.11 2.55 0.00	33.66 2.19 -1.49	32.09 2.12 -0.98	33.17 1.94 -4.36	31.74 1.85 -3.44	31.16 2.04 0.00	32.03 2.24 0.00	34.84 2.25 0.00	37.81 2.32 -0.34	43.72 2.24 -0.01	49.58 2.58 0.00	52.51 3.02 0.00	55.79 2.76 0.02	59.79 2.90 0.02	61.75 3.77 7.01	93.62 5.22 0.02	109.78 5.92 0.00	114.09 7.46 -0.04	104.25 6.28 0.02	90.11 4.92 -5.81	60.54 3.64 0.00	52.41 3.06 0.00	47.42 3.31 0.00	39.16 2.84 0.00
SOUTH HAMPTN____IC 23720	47.59 4.19 -9.83	41.44 4.02 -7.45	37.61 3.77 -4.85	32.76 3.39 -2.51	32.24 3.31 -2.49	33.00 3.76 -0.12	33.81 4.02 0.00	36.86 4.27 0.00	40.32 4.50 -0.67	46.68 5.06 -0.15	51.00 3.99 0.00	57.41 3.76 -4.16	66.65 4.78 -8.82	61.74 4.83 0.00	70.98 5.59 -0.40	97.18 8.76 0.00	140.59 10.70 -26.02	177.83 10.88 -60.36	153.69 9.01 -46.69	127.75 6.59 -41.79	83.98 4.32 -22.76	55.57 3.50 -2.72	48.89 4.10 -0.67	44.66 4.54 -3.80
SOUTHDOW_115KV_TB1 355954	35.54 1.98 0.00	31.57 1.44 -0.15	30.23 1.13 -0.10	28.14 0.83 -0.44	26.91 0.03 -0.43	29.96 0.84 0.00	30.80 1.01 0.00	33.27 0.68 0.00	35.68 0.53 0.00	42.26 0.79 0.00	48.79 1.79 0.00	51.62 2.13 0.00	55.71 2.65 0.00	59.75 2.85 0.00	68.70 3.70 0.00	91.87 3.45 0.00	107.39 3.53 0.00	109.91 3.30 -0.01	101.22 3.23 0.00	82.48 3.10 0.00	60.48 3.58 0.00	52.51 3.16 0.00	45.66 1.54 0.00	38.54 2.22 0.00
SOUTHOLD_69_KV_BK 2 55809	48.46 5.07 -9.83	42.22 4.80 -7.45	38.34 4.49 -4.85	33.43 4.06 -2.51	32.91 3.97 -2.49	33.67 4.43 -0.12	34.29 4.50 0.00	37.67 5.08 0.00	41.30 5.48 -0.67	48.01 6.39 -0.15	52.74 5.73 0.00	59.41 5.74 -4.18	68.11 6.21 -8.85	64.08 7.17 0.00	73.45 8.06 -0.40	100.54 12.11 0.00	144.54 14.64 -26.03	158.14 14.82 -36.73	157.34 12.64 -46.71	130.63 9.45 -41.81	77.00 6.26 -13.84	57.10 5.03 -2.72	49.99 5.47 -0.41	45.75 5.63 -3.80

SOUTHOLD___IC 23719	48.49 5.10 -9.83	42.22 4.80 -7.45	38.34 4.49 -4.85	33.40 4.03 -2.51	32.88 3.94 -2.49	33.66 4.42 -0.12	34.53 4.74 0.00	37.71 5.12 0.00	41.30 5.48 -0.67	48.01 6.38 -0.15	52.74 5.73 0.00	59.31 5.64 -4.18	68.70 6.79 -8.85	64.02 7.11 0.00	73.45 8.06 -0.40	100.54 12.11 0.00	144.55 14.65 -26.03	181.79 14.81 -60.38	157.35 12.65 -46.71	130.55 9.36 -41.80	85.93 6.26 -22.77	57.20 5.13 -2.72	50.25 5.47 -0.67	45.75 5.63 -3.80
SPIERFLS_115KV_TB 1 80737	36.21 2.65 0.00	35.17 2.43 -2.77	33.16 2.35 -1.81	37.10 2.15 -8.08	33.44 2.09 -4.90	31.33 2.21 0.00	32.05 2.26 0.00	35.00 2.41 0.00	38.26 2.71 -0.41	44.93 3.44 -0.01	50.53 3.53 0.00	53.50 4.01 0.00	57.41 4.35 -0.01	61.69 4.78 -0.01	73.81 5.13 -3.68	95.50 7.07 -0.01	112.59 8.72 0.00	115.32 8.53 -0.19	106.23 8.23 -0.01	103.17 6.91 -16.88	61.85 4.95 0.00	54.14 4.79 0.00	48.17 4.06 0.00	39.48 3.16 0.00
ST LAWRENCE___ 23600	32.82 -0.74 0.00	29.29 -0.69 0.00	28.27 -0.72 0.00	26.20 -0.67 0.00	25.82 -0.64 0.00	28.36 -0.76 0.00	29.05 -0.74 0.00	31.94 -0.65 0.00	34.52 -0.63 0.00	40.73 -0.75 0.00	46.20 -0.80 0.00	48.45 -1.04 0.00	51.78 -1.27 0.00	55.54 -1.37 0.00	63.56 -1.43 0.00	86.21 -2.21 0.00	101.16 -2.70 0.00	103.61 -2.98 0.00	95.74 -2.25 0.00	77.71 -1.67 0.00	55.53 -1.37 0.00	48.26 -1.09 0.00	43.27 -0.84 0.00	35.38 -0.94 0.00
STATE_CA_115KV_115_LB 55624	34.83 1.28 0.00	33.43 1.32 -2.13	31.73 1.33 -1.40	34.32 1.24 -6.22	31.86 1.19 -4.22	30.40 1.28 0.00	31.13 1.34 0.00	33.83 1.24 0.00	36.91 1.34 -0.42	43.02 1.53 -0.01	48.55 1.55 0.00	51.22 1.73 0.00	54.70 1.64 0.00	58.67 1.76 0.00	68.70 2.01 -1.69	91.43 3.01 0.00	107.60 3.74 0.00	110.68 3.94 -0.14	101.03 3.04 0.00	92.98 2.46 -11.14	58.55 1.65 0.00	50.73 1.38 0.00	45.70 1.59 0.00	37.70 1.38 0.00
STATE_ST_34_KV_LOAD 55959	34.43 0.87 0.00	30.71 0.63 -0.10	29.56 0.49 -0.07	27.62 0.46 -0.29	27.17 0.42 -0.29	29.67 0.55 0.00	30.39 0.60 0.00	33.14 0.55 0.00	35.75 0.60 0.00	42.26 0.79 0.00	48.39 1.32 -0.07	51.02 1.53 0.00	55.45 2.02 -0.38	59.70 2.16 -0.63	68.47 2.53 -0.94	96.03 3.36 -4.25	112.74 3.74 -5.14	116.42 4.26 -5.56	106.71 4.12 -4.61	85.16 3.25 -2.52	59.76 2.67 -0.19	51.52 2.17 0.00	45.53 1.41 0.00	37.63 1.31 0.00
STATION 5_MISC_HYD 23604	34.36 0.80 0.00	30.67 0.60 -0.09	29.41 0.35 -0.06	27.41 0.27 -0.27	27.00 0.26 -0.28	29.44 0.32 0.00	30.00 0.21 0.00	32.65 0.07 0.00	35.25 0.11 0.00	41.77 0.29 0.00	47.94 0.94 0.00	50.93 1.44 0.00	54.91 1.86 0.00	58.78 1.88 0.00	67.46 2.47 0.00	90.89 2.47 0.00	105.83 1.97 0.00	108.30 1.70 -0.01	99.85 1.86 0.00	81.53 2.14 0.00	59.17 2.28 0.00	51.37 2.02 0.00	45.13 1.02 0.00	37.78 1.45 0.00
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	34.46 0.91 0.00	30.67 0.60 -0.09	29.44 0.38 -0.06	27.47 0.32 -0.27	27.05 0.32 -0.28	29.44 0.32 0.00	30.18 0.39 0.00	32.88 0.29 0.00	35.46 0.32 0.00	42.14 0.66 0.00	48.38 1.36 -0.01	51.32 1.83 0.00	55.42 2.28 -0.08	59.37 2.33 -0.13	68.25 3.05 -0.20	92.85 3.54 -0.89	108.16 3.22 -1.08	110.54 2.77 -1.17	101.80 2.84 -0.97	82.69 2.78 -0.53	59.44 2.50 -0.04	51.47 2.12 0.00	45.30 1.19 0.00	37.70 1.38 0.00
STA_56_34_KV_BUS2_REV_LBMP_B 345033	34.30 0.74 0.00	30.49 0.42 -0.09	29.26 0.20 -0.06	27.27 0.13 -0.27	26.89 0.16 -0.28	29.18 0.06 0.00	29.94 0.15 0.00	32.56 -0.03 0.00	35.11 -0.04 0.00	41.64 0.17 0.00	47.80 0.80 0.00	50.83 1.34 0.00	54.75 1.70 0.00	58.61 1.71 0.00	67.33 2.34 0.00	90.81 2.39 0.00	105.73 1.87 0.00	108.09 1.49 -0.01	99.66 1.67 0.00	81.21 1.83 0.00	58.89 1.99 0.00	51.08 1.73 0.00	44.91 0.79 0.00	37.49 1.16 0.00
STA_56___34_KV_BUS2 355983	34.30 0.74 0.00	30.49 0.42 -0.09	29.26 0.20 -0.06	27.27 0.13 -0.27	26.89 0.16 -0.28	29.18 0.06 0.00	29.94 0.15 0.00	32.56 -0.03 0.00	35.11 -0.04 0.00	41.64 0.17 0.00	47.80 0.80 0.00	50.83 1.34 0.00	54.75 1.70 0.00	58.61 1.71 0.00	67.33 2.34 0.00	90.81 2.39 0.00	105.73 1.87 0.00	108.09 1.49 -0.01	99.66 1.67 0.00	81.21 1.83 0.00	58.89 1.99 0.00	51.08 1.73 0.00	44.91 0.79 0.00	37.49 1.16 0.00
STA_67___115KV_BK2 355882	34.46 0.91 0.00	30.61 0.54 -0.09	29.38 0.32 -0.06	27.38 0.24 -0.27	27.02 0.29 -0.28	29.29 0.17 0.00	30.06 0.27 0.00	32.62 0.03 0.00	35.15 0.00 0.00	41.60 0.12 0.00	47.75 0.75 0.00	50.73 1.24 0.00	54.70 1.64 0.00	58.50 1.59 0.00	67.20 2.21 0.00	90.54 2.12 0.00	105.42 1.56 0.00	107.99 1.39 -0.01	99.56 1.57 0.00	81.13 1.75 0.00	59.00 2.11 0.00	51.18 1.83 0.00	45.00 0.88 0.00	37.63 1.31 0.00
STA_7___115KV_9TRANS 80674	34.77 1.21 0.00	30.88 0.81 -0.09	29.61 0.55 -0.06	27.60 0.46 -0.27	27.21 0.48 -0.28	29.53 0.41 0.00	30.30 0.51 0.00	32.95 0.36 0.00	35.50 0.35 0.00	42.05 0.58 0.00	48.32 1.32 0.00	51.37 1.88 0.00	55.39 2.33 0.00	59.24 2.33 0.00	67.98 2.99 0.00	91.60 3.18 0.00	106.56 2.70 0.00	109.16 2.56 -0.01	100.64 2.65 0.00	82.16 2.78 0.00	59.68 2.79 0.00	51.82 2.47 0.00	45.48 1.37 0.00	38.03 1.71 0.00
STA_82___115KV_TB1 80780	34.46 0.91 0.00	30.64 0.57 -0.09	29.41 0.35 -0.06	27.41 0.27 -0.27	27.02 0.29 -0.28	29.29 0.17 0.00	30.06 0.27 0.00	32.65 0.07 0.00	35.15 0.00 0.00	41.64 0.17 0.00	47.75 0.75 0.00	50.78 1.29 0.00	54.70 1.64 0.00	58.50 1.59 0.00	67.20 2.21 0.00	90.63 2.21 0.00	105.53 1.66 0.00	107.99 1.39 -0.01	99.66 1.67 0.00	81.21 1.83 0.00	59.06 2.16 0.00	51.23 1.88 0.00	45.00 0.88 0.00	37.67 1.34 0.00
STEEL___WIND 323596	34.56 1.01 0.00	30.95 0.84 -0.13	29.67 0.58 -0.09	27.61 0.35 -0.39	26.79 -0.05 -0.39	29.09 -0.03 0.00	30.15 0.36 0.00	32.46 -0.13 0.00	35.01 -0.14 0.00	41.39 -0.08 0.00	47.66 0.66 0.00	50.73 1.24 0.00	54.70 1.65 0.00	58.61 1.71 0.00	67.40 2.41 0.00	90.10 1.68 0.00	105.32 1.45 0.00	107.67 1.07 -0.01	99.26 1.27 0.00	80.81 1.43 0.00	59.34 2.44 0.00	51.52 2.17 0.00	44.91 0.79 0.00	38.07 1.74 0.00
STEPHTWN_115KV_BK_2 55603	35.07 1.51 0.00	33.34 1.50 -1.86	31.70 1.48 -1.22	33.67 1.37 -5.43	31.70 1.32 -3.93	30.58 1.46 0.00	31.31 1.52 0.00	34.05 1.47 0.00	37.12 1.55 -0.43	43.23 1.74 -0.01	48.83 1.83 0.00	51.52 2.03 0.00	54.93 1.91 0.04	58.92 2.05 0.04	53.76 2.27 13.51	91.83 3.45 0.04	108.12 4.26 0.00	111.09 4.48 -0.01	101.58 3.63 0.04	91.04 2.94 -8.72	58.89 1.99 0.00	51.03 1.68 0.00	46.01 1.90 0.00	37.96 1.63 0.00
STEUBEN_REC_LFGE 323667	35.47 1.91 0.00	31.57 1.41 -0.18	30.22 1.10 -0.12	28.32 0.91 -0.53	27.54 0.58 -0.51	30.17 1.05 0.00	30.92 1.13 0.00	33.37 0.78 0.00	35.78 0.67 0.03	42.68 1.20 0.00	49.09 2.07 -0.02	52.11 2.62 0.00	56.46 3.29 -0.11	60.68 3.59 -0.19	69.76 4.48 -0.28	94.63 4.95 -1.26	111.10 5.71 -1.52	113.58 5.33 -1.66	104.65 5.29 -1.37	84.58 4.45 -0.75	61.16 4.21 -0.06	52.81 3.45 0.00	46.01 1.90 0.00	38.68 2.36 0.00

STONY___BROOK 24151	46.92 3.52 -9.83	40.81 3.39 -7.45	37.03 3.19 -4.85	32.25 2.88 -2.51	31.74 2.80 -2.49	32.47 3.23 -0.12	33.27 3.48 0.00	36.27 3.68 0.00	39.75 3.94 -0.67	45.81 4.19 -0.15	49.54 2.54 0.00	55.35 2.18 -3.69	63.42 2.55 -7.81	59.59 2.68 -0.01	68.39 2.99 -0.41	93.73 5.30 -0.01	143.84 6.75 -33.23	190.69 7.03 -77.06	163.00 5.39 -59.62	135.99 3.58 -53.03	88.07 2.11 -29.07	54.70 1.87 -3.47	47.88 2.91 -0.86	43.69 3.56 -3.80
STURGEON_POOL_HYD 23609	34.93 1.38 0.00	32.29 1.32 -0.99	30.95 1.30 -0.65	31.00 1.24 -2.89	30.31 1.19 -2.67	30.60 1.49 0.00	31.34 1.55 0.00	34.05 1.47 0.00	37.06 1.76 -0.16	42.97 1.49 0.00	48.18 1.18 0.00	50.58 1.09 0.00	54.85 1.80 0.00	58.72 1.82 0.00	65.57 2.21 1.63	92.31 3.89 0.00	108.85 4.99 0.00	112.61 5.97 -0.05	102.10 4.12 0.00	83.93 2.30 -2.24	58.21 1.31 0.00	50.54 1.18 0.00	45.44 1.32 0.00	37.56 1.23 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	34.90 1.34 0.00	32.14 1.38 -0.78	30.87 1.36 -0.51	30.45 1.29 -2.29	29.97 1.24 -2.27	30.55 1.43 0.00	31.28 1.49 0.00	34.12 1.53 0.00	35.73 1.62 1.03	43.19 1.74 0.03	48.55 1.55 0.00	51.02 1.53 0.00	54.81 1.75 0.00	58.78 1.88 0.00	67.01 2.01 0.00	92.13 3.71 0.00	108.64 4.78 0.00	111.44 4.80 -0.05	101.62 3.63 0.00	82.93 2.46 -1.09	58.26 1.37 0.00	50.49 1.14 0.00	45.53 1.41 0.00	37.59 1.27 0.00
SWANROAD_115KV_TB1 355699	34.16 0.60 0.00	30.07 -0.03 -0.12	28.85 -0.23 -0.08	26.85 -0.38 -0.36	26.38 -0.42 -0.36	28.62 -0.50 0.00	29.40 -0.39 0.00	31.48 -1.11 0.00	33.78 -1.37 0.00	39.86 -1.62 0.00	45.83 -1.18 0.00	48.80 -0.69 0.00	52.58 -0.48 0.00	56.17 -0.74 0.00	64.67 -0.32 0.00	86.39 -2.03 0.00	100.85 -3.01 0.00	102.98 -3.62 -0.01	95.05 -2.94 0.00	77.56 -1.83 0.00	57.18 0.28 0.00	49.70 0.35 0.00	43.36 -0.75 0.00	36.98 0.65 0.00
SYNERGY___BIOGAS 323694	34.94 1.38 0.00	31.08 0.99 -0.11	29.74 0.67 -0.07	27.70 0.51 -0.32	27.12 0.34 -0.33	29.56 0.44 0.00	30.27 0.48 0.00	32.79 0.20 0.00	35.36 0.21 0.00	41.85 0.37 0.00	48.22 1.22 0.00	51.37 1.88 0.00	55.39 2.33 0.00	59.18 2.28 0.00	68.05 3.06 0.00	91.33 2.91 0.00	106.35 2.49 0.00	108.52 1.92 -0.01	100.34 2.35 0.00	82.08 2.70 0.00	60.02 3.13 0.00	52.11 2.76 0.00	45.53 1.41 0.00	38.43 2.11 0.00
SYRACUSE___ENERGY_ST1 323597	33.76 0.20 0.00	30.01 0.03 0.00	28.94 -0.06 0.00	26.82 -0.05 0.00	26.53 -0.08 -0.16	29.09 -0.03 0.00	29.76 -0.03 0.00	32.49 -0.10 0.00	35.04 -0.11 0.00	41.35 -0.12 0.00	47.22 0.14 -0.08	49.79 0.30 0.00	54.01 0.53 -0.43	58.24 0.63 -0.71	66.83 0.78 -1.05	94.15 0.97 -4.76	110.45 0.83 -5.75	113.46 0.64 -6.22	103.74 0.59 -5.16	82.68 0.48 -2.82	57.68 0.57 -0.21	49.79 0.44 0.00	44.20 0.09 0.00	36.69 0.36 0.00
SYRACUSE___ENERGY_ST2 323598	33.76 0.20 0.00	30.01 0.03 0.00	28.94 -0.06 0.00	26.82 -0.05 0.00	26.53 -0.08 -0.16	29.09 -0.03 0.00	29.76 -0.03 0.00	32.49 -0.10 0.00	35.04 -0.11 0.00	41.35 -0.12 0.00	47.22 0.14 -0.08	49.79 0.30 0.00	54.01 0.53 -0.43	58.24 0.63 -0.71	66.83 0.78 -1.05	94.15 0.97 -4.76	110.45 0.83 -5.75	113.46 0.64 -6.22	103.74 0.59 -5.16	82.68 0.48 -2.82	57.68 0.57 -0.21	49.79 0.44 0.00	44.20 0.09 0.00	36.69 0.36 0.00
SYRACUSE___POWER 24017	33.63 0.07 0.00	30.00 -0.06 -0.08	28.90 -0.14 -0.05	26.96 -0.13 -0.23	26.53 -0.16 -0.24	29.00 -0.12 0.00	29.70 -0.09 0.00	32.43 -0.16 0.00	34.97 -0.18 0.00	41.39 -0.08 0.00	47.24 0.19 -0.05	49.84 0.35 0.00	53.97 0.64 -0.28	58.11 0.74 -0.46	66.66 0.97 -0.69	92.69 1.15 -3.12	108.77 1.14 -3.77	111.53 0.85 -4.08	102.15 0.78 -3.38	81.87 0.64 -1.85	57.72 0.68 -0.14	49.84 0.49 0.00	44.25 0.13 0.00	36.61 0.29 0.00
TALLMAN___138KV_BK151 55660	35.04 1.48 0.00	32.29 1.50 -0.81	31.04 1.51 -0.53	30.66 1.42 -2.37	30.18 1.38 -2.35	30.69 1.57 0.00	31.43 1.64 0.00	34.32 1.73 0.00	35.98 1.86 1.03	43.35 1.91 0.03	48.65 1.65 0.00	51.07 1.58 0.00	54.91 1.86 0.00	58.90 1.99 0.00	67.14 2.14 0.00	92.40 3.98 0.00	108.95 5.09 0.00	111.97 5.33 -0.05	101.91 3.92 0.00	83.05 2.54 -1.13	58.32 1.42 0.00	50.49 1.14 0.00	45.57 1.46 0.00	37.63 1.31 0.00
TEALLAVE_115KV_TB7 355573	33.49 -0.07 0.00	29.80 -0.18 0.00	28.74 -0.26 0.00	26.63 -0.24 0.00	26.35 -0.24 -0.14	28.89 -0.23 0.00	29.58 -0.21 0.00	32.30 -0.29 0.00	34.83 -0.32 0.00	41.27 -0.21 0.00	47.14 0.09 -0.04	49.74 0.25 0.00	53.76 0.48 -0.23	57.85 0.57 -0.38	66.34 0.78 -0.56	91.86 0.88 -2.55	107.67 0.73 -3.08	110.35 0.43 -3.33	101.15 0.39 -2.76	81.21 0.32 -1.51	57.47 0.46 -0.11	49.70 0.35 0.00	44.07 -0.04 0.00	36.47 0.15 0.00
TELGRAPH_34_KV_EAST 80808	34.80 1.24 0.00	30.72 0.63 -0.12	29.42 0.35 -0.08	27.42 0.21 -0.34	26.89 0.11 -0.34	29.27 0.15 0.00	30.03 0.24 0.00	32.33 -0.26 0.00	34.69 -0.46 0.00	40.98 -0.50 0.00	47.19 0.19 0.00	50.28 0.79 0.00	54.17 1.11 0.00	57.87 0.97 0.00	66.62 1.62 0.00	89.22 0.80 0.00	103.97 0.10 0.00	106.07 -0.53 -0.01	97.99 0.00 0.00	79.94 0.56 0.00	58.72 1.82 0.00	51.03 1.68 0.00	44.55 0.44 0.00	37.81 1.49 0.00
TEMPLE___115KV_TB 2 55572	33.53 -0.03 0.00	29.83 -0.15 0.00	28.77 -0.23 0.00	26.66 -0.21 0.00	26.38 -0.21 -0.14	28.92 -0.20 0.00	29.61 -0.18 0.00	32.33 -0.26 0.00	34.87 -0.28 0.00	41.31 -0.17 0.00	47.18 0.14 -0.04	49.79 0.30 0.00	53.81 0.53 -0.23	57.97 0.68 -0.38	66.40 0.84 -0.56	91.94 0.97 -2.55	107.77 0.83 -3.08	110.46 0.53 -3.33	101.24 0.49 -2.76	81.29 0.40 -1.51	57.58 0.57 -0.11	49.75 0.39 0.00	44.11 0.00 0.00	36.50 0.18 0.00
TIANA___69_KV_BK 1 55817	47.29 3.89 -9.83	41.23 3.81 -7.45	37.44 3.60 -4.85	32.60 3.22 -2.51	32.09 3.15 -2.49	32.79 3.55 -0.12	33.39 3.60 0.00	36.60 4.01 0.00	40.04 4.22 -0.67	46.35 4.73 -0.15	50.58 3.57 0.00	57.08 3.41 -4.18	65.61 3.71 -8.84	61.29 4.38 0.00	70.33 4.94 -0.40	96.38 7.96 0.00	139.55 9.66 -26.03	153.12 9.81 -36.72	152.83 8.13 -46.71	127.06 5.87 -41.80	74.55 3.81 -13.84	55.08 3.01 -2.72	48.27 3.75 -0.41	44.37 4.25 -3.80
TILDEN___115KV_TB1 80814	33.63 0.07 0.00	30.00 -0.06 -0.08	28.90 -0.14 -0.05	26.96 -0.13 -0.23	26.53 -0.16 -0.24	29.00 -0.12 0.00	29.70 -0.09 0.00	32.43 -0.16 0.00	34.97 -0.18 0.00	41.39 -0.08 0.00	47.24 0.19 -0.05	49.84 0.35 0.00	53.97 0.64 -0.28	58.11 0.74 -0.46	66.66 0.97 -0.69	92.69 1.15 -3.12	108.77 1.14 -3.77	111.53 0.85 -4.08	102.15 0.78 -3.38	81.87 0.64 -1.85	57.72 0.68 -0.14	49.84 0.49 0.00	44.25 0.13 0.00	36.61 0.29 0.00
TRIGEN___CC 323695	45.81 2.42 -9.83	39.79 2.37 -7.45	36.11 2.26 -4.85	31.47 2.10 -2.51	31.00 2.06 -2.49	31.57 2.33 -0.12	32.14 2.35 0.00	35.23 2.64 0.00	38.63 2.81 -0.67	44.61 2.99 -0.15	48.88 1.88 0.00	51.31 1.83 0.01	55.17 2.12 0.01	59.23 2.33 0.01	67.86 2.47 -0.39	92.92 4.51 0.01	109.67 5.82 0.01	112.51 5.86 -0.05	102.39 4.41 0.01	83.35 2.78 -1.19	58.43 1.54 0.01	50.58 1.23 0.01	46.10 1.99 0.00	42.44 2.32 -3.79

TRINITY__115KV__4 BK 55933	34.67 1.11 0.00	33.05 1.17 -1.91	31.46 1.22 -1.25	33.56 1.13 -5.56	31.51 1.08 -3.98	30.28 1.16 0.00	31.01 1.22 0.00	33.70 1.11 0.00	36.74 1.16 -0.43	42.77 1.29 -0.01	48.22 1.22 0.00	50.87 1.39 0.00	54.32 1.27 0.01	58.21 1.31 0.01	64.07 1.43 2.35	90.71 2.30 0.01	106.77 2.91 0.00	109.78 3.09 -0.10	100.34 2.35 0.01	90.32 1.83 -9.11	58.09 1.19 0.00	50.39 1.04 0.00	45.44 1.32 0.00	37.52 1.20 0.00
UNION__PROCESSING_DRP 323587	34.50 0.94 0.00	30.64 0.57 -0.09	29.41 0.35 -0.06	27.41 0.27 -0.27	27.05 0.32 -0.28	29.32 0.20 0.00	30.09 0.30 0.00	32.69 0.10 0.00	35.18 0.04 0.00	41.68 0.21 0.00	47.80 0.80 0.00	50.83 1.34 0.00	54.75 1.70 0.00	58.56 1.65 0.00	67.27 2.27 0.00	90.63 2.21 0.00	105.63 1.77 0.00	108.09 1.49 -0.01	99.66 1.67 0.00	81.29 1.91 0.00	59.06 2.16 0.00	51.28 1.92 0.00	45.04 0.93 0.00	37.70 1.38 0.00
UPPER HUDSON__HYD 24058	36.21 2.65 0.00	35.17 2.43 -2.77	33.13 2.32 -1.81	37.10 2.15 -8.08	33.41 2.06 -4.90	31.30 2.19 0.00	32.08 2.29 0.00	35.03 2.45 0.00	38.26 2.71 -0.41	44.93 3.44 -0.01	50.53 3.53 0.00	53.50 4.01 0.00	57.42 4.35 -0.01	61.70 4.78 -0.01	73.81 5.13 -3.68	95.51 7.08 -0.01	112.59 8.73 0.00	115.32 8.53 -0.19	106.23 8.23 -0.01	103.16 6.90 -16.88	61.84 4.95 0.00	54.14 4.79 0.00	48.17 4.06 0.00	39.48 3.16 0.00
UPPER RAQUET__HYD 24056	33.06 -0.50 0.00	29.32 -0.66 0.00	28.27 -0.72 0.00	26.06 -0.81 0.00	25.45 -1.01 0.00	27.84 -1.28 0.00	28.57 -1.22 0.00	31.45 -1.14 0.00	34.06 -1.09 0.00	40.40 -1.08 0.00	45.84 -1.17 -0.01	48.05 -1.44 0.00	51.28 -1.86 -0.08	55.21 -1.82 -0.13	63.44 -1.75 -0.20	86.40 -2.92 -0.89	101.41 -3.53 -1.08	103.18 -4.58 -1.17	96.11 -2.84 -0.97	77.85 -2.06 -0.53	55.23 -1.71 -0.04	47.92 -1.43 0.00	43.14 -0.97 0.00	35.56 -0.76 0.00
VALLEY44_115KV_TB2 355964	34.73 1.17 0.00	30.88 0.75 -0.15	29.59 0.49 -0.10	27.61 0.30 -0.45	26.23 -0.66 -0.44	29.41 0.29 0.00	30.21 0.42 0.00	32.59 0.00 0.00	34.83 -0.32 0.00	41.18 -0.29 0.00	47.38 0.38 0.00	50.28 0.79 0.00	54.22 1.17 0.00	58.16 1.25 0.00	66.81 1.82 0.00	89.48 1.06 0.00	104.69 0.83 0.00	107.35 0.75 -0.01	98.97 0.98 0.00	80.41 1.03 0.00	58.83 1.93 0.00	51.08 1.73 0.00	44.55 0.44 0.00	37.59 1.27 0.00
VALLEY__115KV_TB 1-4 80826	33.69 0.13 0.00	30.01 0.03 0.00	29.03 0.03 0.00	26.90 0.03 0.00	26.48 0.03 0.00	29.18 0.06 0.00	29.85 0.06 0.00	32.65 0.07 0.00	35.22 0.07 0.00	42.01 0.54 0.00	47.66 0.66 0.00	50.23 0.74 0.00	53.80 0.74 0.00	57.82 0.91 0.00	65.97 0.97 0.00	89.75 1.33 0.00	105.42 1.56 0.00	107.24 0.64 0.00	98.58 0.59 0.00	79.62 0.24 0.00	57.01 0.11 0.00	49.50 0.15 0.00	44.25 0.13 0.00	36.43 0.11 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	35.67 2.11 0.00	32.24 1.65 -0.62	31.02 1.62 -0.40	30.25 1.59 -1.80	29.10 1.45 -1.20	30.87 1.75 0.00	31.64 1.85 0.00	34.54 1.96 0.00	37.21 2.11 0.05	44.21 2.74 0.00	50.12 3.10 -0.01	52.76 3.27 0.00	56.64 3.50 -0.08	60.85 3.81 -0.13	69.48 4.29 -0.19	95.14 5.84 -0.88	111.78 6.85 -1.07	115.03 7.25 -1.19	105.90 6.96 -0.96	87.49 5.56 -2.55	61.09 4.15 -0.04	52.81 3.45 0.00	47.11 3.00 0.00	38.87 2.54 0.00
VISCHER__FERRY HYD 24020	35.37 1.81 0.00	34.15 1.74 -2.43	32.33 1.74 -1.59	35.58 1.61 -7.10	32.53 1.56 -4.52	30.81 1.69 0.00	31.55 1.76 0.00	34.31 1.73 0.00	37.44 1.86 -0.43	43.64 2.16 -0.01	49.21 2.21 0.00	51.86 2.38 0.00	55.57 2.49 -0.02	59.60 2.68 -0.02	74.66 2.99 -6.68	92.77 4.33 -0.02	109.16 5.29 0.00	112.33 5.54 -0.20	102.71 4.70 -0.02	97.08 3.81 -13.89	59.52 2.62 0.00	51.67 2.32 0.00	46.36 2.25 0.00	38.25 1.92 0.00
V_A_10_SYNC_DSASP 323832	34.10 0.54 0.00	30.29 0.21 -0.11	29.10 0.03 -0.07	27.10 -0.08 -0.31	26.79 0.03 -0.32	28.95 -0.17 0.00	29.70 -0.09 0.00	31.97 -0.62 0.00	34.34 -0.81 0.00	40.60 -0.87 0.00	46.58 -0.42 0.00	49.54 0.05 0.00	53.32 0.27 0.00	57.02 0.11 0.00	65.58 0.58 0.00	87.89 -0.53 0.00	102.51 -1.35 0.00	104.90 -1.71 -0.01	96.72 -1.27 0.00	78.83 -0.56 0.00	57.81 0.91 0.00	50.24 0.89 0.00	43.98 -0.13 0.00	37.16 0.84 0.00
V_CMM_10_SYNC_DSASP 323787	32.96 -0.60 0.00	29.41 -0.57 0.00	28.39 -0.61 0.00	26.30 -0.57 0.00	25.92 -0.53 0.00	28.48 -0.64 0.00	29.16 -0.63 0.00	32.07 -0.52 0.00	34.66 -0.49 0.00	40.89 -0.58 0.00	46.39 -0.61 0.00	48.65 -0.84 0.00	51.99 -1.06 0.00	55.82 -1.08 0.00	63.89 -1.11 0.00	86.56 -1.86 0.00	101.58 -2.29 0.00	103.94 -2.66 0.00	96.23 -1.76 0.00	78.03 -1.35 0.00	55.76 -1.14 0.00	48.46 -0.89 0.00	43.45 -0.66 0.00	35.52 -0.80 0.00
V_CMP_10_SYNC_DSASP 323788	33.59 0.03 0.00	29.92 -0.06 0.00	28.82 -0.17 0.00	26.71 -0.16 0.00	26.37 -0.08 0.00	29.03 -0.09 0.00	29.79 0.00 0.00	32.79 0.20 0.00	35.57 0.42 0.00	41.89 0.41 0.00	47.52 0.52 0.00	48.80 -0.69 0.00	51.46 -1.59 0.00	54.86 -2.05 0.00	62.91 -2.08 0.00	85.06 -3.36 0.00	99.92 -3.95 0.00	102.22 -4.38 0.00	94.95 -3.04 0.00	77.08 -2.30 0.00	54.90 -1.99 0.00	48.61 -0.74 0.00	44.38 0.27 0.00	36.21 -0.11 0.00
V_E_10_SYNC_DSASP 323830	36.85 3.29 0.00	32.53 2.22 -0.34	31.28 2.06 -0.22	29.73 1.88 -0.98	29.03 1.80 -0.78	31.13 2.01 0.00	32.12 2.33 0.00	35.10 2.51 0.00	37.71 2.60 0.04	45.45 3.98 0.00	51.92 4.89 -0.03	54.68 5.19 0.00	59.01 5.78 -0.17	63.68 6.48 -0.29	73.09 7.67 -0.43	100.34 9.99 -1.93	118.13 11.94 -2.33	121.39 12.25 -2.54	112.72 12.65 -2.09	91.80 10.40 -2.02	64.95 7.97 -0.09	55.86 6.51 0.00	49.05 4.94 0.00	40.43 4.10 0.00
V_F_30_NSYNC__DSASP 323816	36.11 2.55 0.00	35.07 2.37 -2.73	33.07 2.29 -1.79	36.95 2.12 -7.96	33.37 2.06 -4.85	31.30 2.19 0.00	32.05 2.26 0.00	34.94 2.35 0.00	38.09 2.53 -0.41	44.60 3.11 -0.01	50.34 3.34 0.00	53.20 3.71 0.00	57.05 3.98 -0.01	61.24 4.32 -0.01	73.94 4.88 -4.07	95.24 6.81 -0.01	112.18 8.31 0.00	115.21 8.42 -0.19	105.55 7.55 -0.01	102.17 6.27 -16.52	61.34 4.44 0.00	53.30 3.95 0.00	47.64 3.53 0.00	39.19 2.87 0.00
V_F_30_SYNC_DSASP 323786	34.83 1.28 0.00	33.41 1.32 -2.11	31.72 1.33 -1.38	34.27 1.24 -6.17	31.84 1.19 -4.20	30.40 1.28 0.00	31.10 1.31 0.00	33.83 1.24 0.00	36.91 1.34 -0.43	43.02 1.53 -0.01	48.55 1.55 0.00	51.22 1.73 0.00	54.70 1.64 0.00	58.67 1.76 0.00	68.35 2.01 -1.34	91.43 3.01 0.00	107.60 3.74 0.00	110.68 3.94 -0.14	101.03 3.04 0.00	92.82 2.46 -10.98	58.55 1.65 0.00	50.73 1.38 0.00	45.70 1.59 0.00	37.70 1.38 0.00
V_XM_10_SYNC_DSASP 323789	33.59 0.03 0.00	29.92 -0.06 0.00	28.82 -0.17 0.00	26.71 -0.16 0.00	26.37 -0.08 0.00	29.03 -0.09 0.00	29.79 0.00 0.00	32.79 0.20 0.00	35.57 0.42 0.00	41.89 0.41 0.00	47.52 0.52 0.00	48.80 -0.69 0.00	51.46 -1.59 0.00	54.86 -2.05 0.00	62.91 -2.08 0.00	85.06 -3.36 0.00	99.92 -3.95 0.00	102.22 -4.38 0.00	94.95 -3.04 0.00	77.08 -2.30 0.00	54.90 -1.99 0.00	48.61 -0.74 0.00	44.38 0.27 0.00	36.21 -0.11 0.00

W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	35.14 1.58 0.00	32.38 1.59 -0.82	31.13 1.59 -0.54	30.76 1.50 -2.39	30.28 1.45 -2.37	30.78 1.66 0.00	31.52 1.73 0.00	34.41 1.82 0.00	36.07 1.93 1.02	43.44 1.99 0.03	48.74 1.74 0.00	51.22 1.73 0.00	55.07 2.02 0.00	59.07 2.16 0.00	67.33 2.34 0.00	92.66 4.24 0.00	109.37 5.50 0.00	112.29 5.65 -0.05	102.30 4.31 0.00	83.29 2.78 -1.13	58.49 1.59 0.00	50.68 1.33 0.00	45.70 1.59 0.00	37.74 1.42 0.00
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	35.50 1.95 0.00	32.78 1.95 -0.86	31.39 1.83 -0.56	31.12 1.75 -2.50	30.66 1.72 -2.49	31.07 1.95 0.00	31.88 2.09 0.00	34.93 2.35 0.00	38.35 2.53 -0.67	44.19 2.70 -0.02	49.40 2.40 0.00	51.86 2.38 0.00	55.66 2.60 0.00	59.75 2.85 0.00	68.51 3.12 -0.40	93.90 5.48 0.00	110.82 6.96 0.00	113.69 7.04 -0.05	103.28 5.29 0.00	84.07 3.49 -1.19	58.83 1.93 0.00	50.93 1.58 0.00	46.10 1.99 0.00	38.10 1.78 0.00
W50THST__13_KV_LOAD 356117	35.71 2.15 0.00	32.93 2.10 -0.86	31.56 2.00 -0.56	31.26 1.88 -2.50	30.79 1.85 -2.49	31.25 2.13 0.00	32.08 2.29 0.00	35.16 2.57 0.00	38.63 2.81 -0.67	44.56 3.07 -0.02	49.82 2.82 0.00	52.31 2.82 0.00	56.19 3.13 0.00	60.26 3.36 0.00	69.16 3.77 -0.40	94.79 6.37 0.00	111.86 8.00 0.00	114.65 7.99 -0.05	104.07 6.08 0.00	84.62 4.05 -1.19	59.17 2.28 0.00	51.23 1.88 0.00	46.41 2.29 0.00	38.32 2.00 0.00
WADING RIVER_IC_1 23522	46.72 3.32 -9.83	40.66 3.24 -7.45	36.92 3.07 -4.85	32.12 2.74 -2.51	31.64 2.70 -2.49	32.32 3.09 -0.12	33.13 3.34 0.00	36.01 3.42 0.00	39.27 3.45 -0.67	45.36 3.73 -0.15	49.45 2.44 0.00	55.55 1.98 -4.08	64.61 2.92 -8.64	59.58 2.68 0.00	68.58 3.18 -0.40	94.00 5.57 0.00	136.69 6.85 -25.97	173.76 6.92 -60.24	149.98 5.39 -46.60	124.98 3.89 -41.71	82.18 2.56 -22.72	54.09 2.02 -2.71	47.65 2.87 -0.67	43.64 3.52 -3.80
WADING RIVER_IC_2 23547	46.72 3.32 -9.83	40.66 3.24 -7.45	36.92 3.07 -4.85	32.12 2.74 -2.51	31.64 2.70 -2.49	32.32 3.09 -0.12	33.13 3.34 0.00	36.01 3.42 0.00	39.27 3.45 -0.67	45.36 3.73 -0.15	49.45 2.44 0.00	55.55 1.98 -4.08	64.61 2.92 -8.64	59.58 2.68 0.00	68.58 3.18 -0.40	94.00 5.57 0.00	136.69 6.85 -25.97	173.76 6.92 -60.24	149.98 5.39 -46.60	124.98 3.89 -41.71	82.18 2.56 -22.72	54.09 2.02 -2.71	47.65 2.87 -0.67	43.64 3.52 -3.80
WADING RIVER_IC_3 23601	46.72 3.32 -9.83	40.66 3.24 -7.45	36.92 3.07 -4.85	32.12 2.74 -2.51	31.64 2.70 -2.49	32.32 3.09 -0.12	33.13 3.34 0.00	36.01 3.42 0.00	39.27 3.45 -0.67	45.36 3.73 -0.15	49.45 2.44 0.00	55.55 1.98 -4.08	64.61 2.92 -8.64	59.58 2.68 0.00	68.58 3.18 -0.40	94.00 5.57 0.00	136.69 6.85 -25.97	173.76 6.92 -60.24	149.98 5.39 -46.60	124.98 3.89 -41.71	82.18 2.56 -22.72	54.09 2.02 -2.71	47.65 2.87 -0.67	43.64 3.52 -3.80
WALDENNY_12_KV_BK2 80841	34.97 1.41 0.00	31.01 0.90 -0.13	29.72 0.64 -0.09	27.69 0.43 -0.39	26.94 0.11 -0.39	29.53 0.41 0.00	30.30 0.51 0.00	32.56 -0.03 0.00	35.01 -0.14 0.00	41.39 -0.08 0.00	47.71 0.71 0.00	50.78 1.29 0.00	54.75 1.70 0.00	58.61 1.71 0.00	67.46 2.47 0.00	90.19 1.77 0.00	105.42 1.56 0.00	107.67 1.07 -0.01	99.26 1.27 0.00	80.73 1.35 0.00	59.34 2.45 0.00	51.52 2.17 0.00	44.86 0.75 0.00	38.07 1.74 0.00
WALDEN___HYDRO 24148	35.40 1.84 0.00	32.52 1.71 -0.83	31.19 1.65 -0.55	30.83 1.53 -2.43	30.33 1.48 -2.40	30.81 1.69 0.00	31.61 1.82 0.00	34.41 1.82 0.00	36.62 1.86 0.39	43.37 1.91 0.01	48.79 1.79 0.00	51.27 1.78 0.00	55.18 2.12 0.00	59.18 2.28 0.00	67.53 2.53 0.00	93.01 4.59 0.00	109.78 5.92 0.00	112.93 6.29 -0.05	103.08 5.09 0.00	84.18 3.58 -1.22	59.11 2.22 0.00	51.23 1.87 0.00	46.10 1.99 0.00	38.10 1.78 0.00
WARRENSBURG____ 23737	36.21 2.65 0.00	35.17 2.43 -2.77	33.13 2.32 -1.81	37.10 2.15 -8.08	33.41 2.06 -4.90	31.30 2.19 0.00	32.08 2.29 0.00	35.03 2.45 0.00	38.26 2.71 -0.41	44.93 3.44 -0.01	50.53 3.53 0.00	53.50 4.01 0.00	57.42 4.35 -0.01	61.70 4.78 -0.01	73.81 5.13 -3.68	95.51 7.08 -0.01	112.59 8.73 0.00	115.32 8.53 -0.19	106.23 8.23 -0.01	103.16 6.90 -16.88	61.84 4.95 0.00	54.14 4.79 0.00	48.17 4.06 0.00	39.48 3.16 0.00
WATERSIDE___6 8 9 23538	35.61 2.05 0.00	32.84 2.01 -0.86	31.47 1.91 -0.56	31.17 1.80 -2.50	30.71 1.77 -2.49	31.07 1.95 0.00	31.91 2.12 0.00	34.97 2.38 0.00	38.35 2.53 -0.67	44.06 2.57 -0.02	49.07 2.07 0.00	51.47 1.98 0.00	55.18 2.12 0.00	53.16 2.33 6.07	52.47 2.47 14.99	93.01 4.60 0.01	109.78 5.92 0.00	112.61 5.97 -0.05	76.68 4.51 25.81	52.06 2.86 30.18	46.16 1.42 12.16	47.14 1.23 3.44	45.83 1.72 0.00	38.03 1.71 0.00
WATKINRD_115KV_LN8_ILLION 55919	33.66 0.10 0.00	30.01 0.03 0.00	29.03 0.03 0.00	26.92 0.05 0.00	26.50 0.05 0.00	29.18 0.06 0.00	29.85 0.06 0.00	32.65 0.07 0.00	35.22 0.07 0.00	41.81 0.33 0.00	47.38 0.38 0.00	49.93 0.45 0.00	53.53 0.48 0.00	57.47 0.57 0.00	65.58 0.58 0.00	89.22 0.80 0.00	104.90 1.04 0.00	107.13 0.53 0.00	98.48 0.49 0.00	79.70 0.32 0.00	57.07 0.17 0.00	49.50 0.15 0.00	44.25 0.13 0.00	36.43 0.11 0.00
WATSON___69_KV_BK 1 55734	47.22 3.83 -9.83	41.11 3.69 -7.45	37.27 3.42 -4.85	32.49 3.12 -2.51	32.01 3.07 -2.49	32.70 3.47 -0.12	33.31 3.52 0.00	36.60 4.01 0.00	40.14 4.32 -0.67	46.35 4.73 -0.15	50.31 3.29 -0.02	69.70 3.12 -17.09	92.76 3.55 -36.15	60.89 3.98 0.00	69.61 4.22 -0.40	95.31 6.90 0.00	125.49 8.62 -13.00	134.24 8.74 -18.91	128.38 7.06 -23.33	105.70 4.84 -21.48	67.14 3.13 -7.11	53.37 2.66 -1.35	47.81 3.48 -0.21	44.08 3.96 -3.79
WDELAWARE___HYD 323627	34.60 1.04 0.00	31.70 0.93 -0.79	30.41 0.90 -0.52	30.03 0.86 -2.30	29.47 0.82 -2.20	30.08 0.96 0.00	30.83 1.04 0.00	33.60 1.01 0.00	35.87 0.98 0.26	42.13 0.66 0.01	47.37 0.37 0.00	49.84 0.35 0.00	53.80 0.74 0.00	56.05 -0.85 0.00	63.37 -1.04 0.58	88.24 -0.18 0.00	104.39 0.52 0.00	108.34 1.70 -0.04	99.07 1.08 0.00	81.08 0.24 -1.46	56.73 -0.17 0.00	50.34 0.99 0.00	45.13 1.02 0.00	37.27 0.94 0.00
WEST BABYLON___IC 23714	46.88 3.49 -9.83	40.78 3.36 -7.45	36.98 3.13 -4.85	32.25 2.88 -2.51	31.77 2.83 -2.49	32.44 3.20 -0.12	33.04 3.25 0.00	36.27 3.68 0.00	39.79 3.97 -0.67	45.98 4.35 -0.15	49.88 2.87 -0.01	60.19 2.82 -7.88	72.90 3.18 -16.66	60.37 3.47 0.01	69.09 3.70 -0.39	94.60 6.19 0.01	114.88 7.89 -3.12	118.69 7.89 -4.21	109.87 6.27 -5.61	89.66 4.21 -6.07	61.08 2.62 -1.56	51.94 2.27 -0.32	47.34 3.18 -0.05	43.71 3.60 -3.79
WEST CANADA___HYD 24049	33.63 0.07 0.00	30.04 0.06 0.00	29.08 0.09 0.00	26.95 0.08 0.00	26.53 0.08 0.00	29.21 0.09 0.00	29.88 0.09 0.00	32.65 0.07 0.00	35.22 0.07 0.00	41.60 0.12 0.00	47.09 0.09 0.00	49.64 0.15 0.00	53.21 0.16 0.00	57.08 0.17 0.00	65.19 0.20 0.00	88.69 0.27 0.00	104.18 0.31 0.00	106.92 0.32 0.00	98.28 0.29 0.00	79.54 0.16 0.00	57.07 0.17 0.00	49.45 0.10 0.00	44.20 0.09 0.00	36.43 0.11 0.00

WESTERN_NY_WIND 24143	34.90 1.34 0.00	31.05 0.96 -0.11	29.71 0.64 -0.07	27.68 0.48 -0.33	27.10 0.32 -0.33	29.50 0.38 0.00	30.24 0.45 0.00	32.72 0.13 0.00	35.29 0.14 0.00	41.77 0.29 0.00	48.13 1.13 0.00	51.27 1.78 0.00	55.28 2.23 0.00	59.07 2.16 0.00	67.92 2.93 0.00	91.07 2.65 0.00	106.05 2.18 0.00	108.30 1.70 -0.01	100.05 2.06 0.00	81.92 2.54 0.00	59.91 3.01 0.00	52.01 2.66 0.00	45.44 1.32 0.00	38.39 2.07 0.00
WESTOVER___LESR 323668	34.43 0.87 0.00	30.89 0.63 -0.28	29.73 0.55 -0.19	28.18 0.48 -0.83	27.53 0.32 -0.76	29.64 0.52 0.00	30.36 0.57 0.00	33.01 0.42 0.00	35.48 0.39 0.05	42.09 0.62 0.00	47.97 0.94 -0.03	50.63 1.14 0.00	54.65 1.43 -0.16	58.76 1.59 -0.27	67.27 1.88 -0.40	92.51 2.30 -1.79	108.62 2.60 -2.16	111.51 2.56 -2.36	102.38 2.45 -1.94	83.04 2.06 -1.60	58.85 1.88 -0.08	50.88 1.53 0.00	45.08 0.97 0.00	37.45 1.13 0.00
WETHRSFD_WT_PWR 323626	34.43 0.87 0.00	30.85 0.72 -0.15	29.56 0.46 -0.10	27.58 0.27 -0.45	26.86 -0.03 -0.44	29.12 0.00 0.00	30.06 0.27 0.00	32.39 -0.19 0.00	34.94 -0.21 0.00	41.35 -0.12 0.00	47.47 0.47 0.00	50.43 0.94 0.00	54.43 1.38 0.00	58.33 1.42 0.00	67.01 2.02 0.00	89.83 1.41 0.00	105.11 1.25 0.00	107.45 0.85 -0.01	99.07 1.08 0.00	80.65 1.27 0.00	59.00 2.11 0.00	51.23 1.87 0.00	44.73 0.62 0.00	37.81 1.49 0.00
WHAVSTOR_138KV_BK127 55557	34.97 1.41 0.00	32.27 1.47 -0.82	30.98 1.45 -0.54	30.66 1.40 -2.39	30.20 1.38 -2.38	30.66 1.54 0.00	31.40 1.61 0.00	34.28 1.69 0.00	35.93 1.79 1.01	43.27 1.82 0.03	48.55 1.55 0.00	50.97 1.48 0.00	54.75 1.70 0.00	58.73 1.82 0.00	66.94 1.95 0.00	92.13 3.71 0.00	108.64 4.78 0.00	111.66 5.01 -0.05	101.62 3.63 0.00	82.82 2.30 -1.14	58.15 1.25 0.00	50.39 1.04 0.00	45.48 1.37 0.00	37.56 1.23 0.00
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	34.97 1.41 0.00	32.27 1.47 -0.82	30.98 1.45 -0.54	30.66 1.40 -2.39	30.20 1.38 -2.38	30.66 1.54 0.00	31.40 1.61 0.00	34.28 1.69 0.00	35.93 1.79 1.01	43.27 1.82 0.03	48.55 1.55 0.00	50.97 1.48 0.00	54.75 1.70 0.00	58.73 1.82 0.00	66.94 1.95 0.00	92.13 3.71 0.00	108.64 4.78 0.00	111.66 5.01 -0.05	101.62 3.63 0.00	82.82 2.30 -1.14	58.15 1.25 0.00	50.39 1.04 0.00	45.48 1.37 0.00	37.56 1.23 0.00
WHITEHAL_115KV_TB1 80871	37.48 3.93 0.00	36.26 3.54 -2.75	34.13 3.33 -1.80	37.96 3.06 -8.03	34.32 2.99 -4.88	32.29 3.17 0.00	33.10 3.31 0.00	36.17 3.58 0.00	39.60 4.04 -0.41	46.50 5.02 -0.01	52.50 5.50 0.00	55.82 6.33 0.00	59.91 6.84 -0.01	64.43 7.51 -0.01	77.35 8.51 -3.84	99.75 11.32 -0.01	117.78 13.92 0.00	120.54 13.75 -0.19	111.03 13.03 -0.01	107.07 10.95 -16.73	64.86 7.97 0.00	56.65 7.30 0.00	50.20 6.09 0.00	41.04 4.72 0.00
WHITEPLN_13_KV_LOAD 356215	35.61 2.05 0.00	32.84 2.01 -0.86	31.50 1.94 -0.56	31.17 1.80 -2.50	30.73 1.80 -2.48	31.13 2.01 0.00	31.96 2.17 0.00	35.00 2.41 0.00	38.47 2.67 -0.65	44.77 3.28 -0.02	50.15 3.15 0.00	52.66 3.17 0.00	56.66 3.61 0.00	60.78 3.87 0.00	69.75 4.35 -0.40	95.49 7.07 0.00	112.90 9.04 0.00	114.65 7.99 -0.05	104.36 6.37 0.00	84.94 4.37 -1.19	59.46 2.56 0.00	51.42 2.07 0.00	46.41 2.29 0.00	38.28 1.96 0.00
WM_FLOYD_69_KV_BK2 356380	46.78 3.39 -9.83	40.81 3.39 -7.45	37.06 3.22 -4.85	32.25 2.88 -2.51	31.74 2.80 -2.49	32.44 3.20 -0.12	33.04 3.25 0.00	36.21 3.62 0.00	39.62 3.80 -0.67	45.77 4.15 -0.15	49.68 2.68 0.00	56.51 2.42 -4.60	65.44 2.65 -9.74	60.15 3.24 0.00	68.97 3.57 -0.40	94.44 6.01 0.00	137.73 7.48 -26.39	152.63 7.57 -38.47	151.41 6.08 -47.34	125.94 4.21 -42.35	74.07 2.67 -14.50	54.18 2.07 -2.75	47.54 3.00 -0.43	43.72 3.60 -3.80
WOODARD___115KV_TB2 355635	33.42 -0.13 0.00	29.74 -0.24 0.00	28.71 -0.29 0.00	26.60 -0.27 0.00	26.33 -0.26 -0.14	28.83 -0.29 0.00	29.52 -0.27 0.00	32.23 -0.36 0.00	34.76 -0.39 0.00	41.18 -0.29 0.00	47.01 -0.05 -0.05	49.59 0.10 0.00	53.66 0.32 -0.29	57.78 0.40 -0.47	66.22 0.52 -0.70	92.23 0.62 -3.19	108.13 0.42 -3.85	110.87 0.11 -4.17	101.54 0.10 -3.46	81.43 0.16 -1.89	57.32 0.28 -0.14	49.55 0.20 0.00	43.98 -0.13 0.00	36.40 0.07 0.00
YORK___WARBASSE 23770	35.81 2.25 0.00	33.02 2.19 -0.86	31.62 2.06 -0.56	31.34 1.96 -2.50	30.90 1.96 -2.50	31.19 2.07 0.00	31.99 2.20 0.00	35.10 2.51 0.00	38.56 2.74 -0.67	44.23 2.74 -0.02	49.21 2.21 0.00	51.72 2.23 0.00	55.44 2.39 0.00	67.05 2.73 -7.42	86.97 2.92 -19.05	93.69 5.22 -0.06	110.51 6.65 0.00	113.36 6.72 -0.05	103.08 5.10 0.01	72.55 3.25 10.09	73.38 1.76 -14.72	47.80 1.48 3.03	46.01 1.90 0.00	38.25 1.93 0.00