

Time Weighted/Integrated Real Time LBMP- Generator

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

Generator Data

08/09/2025

Name	00:00	01:00	02:00	03:00	04:00	05:00	06:00	07:00	08:00	09:00	10:00	11:00	12:00	13:00	14:00	15:00	16:00	17:00	18:00	19:00	20:00	21:00	22:00	23:00
PTID	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT
59TH STREET_GT_1	33.35	31.02	28.61	27.95	30.23	29.05	30.14	28.62	29.94	30.05	32.45	36.93	40.74	45.95	52.31	57.73	66.81	70.42	90.20	86.90	77.40	67.07	63.74	52.97
24138	1.05	0.96	0.88	0.81	0.74	0.73	0.78	0.83	0.88	0.98	1.13	1.21	1.25	1.23	1.30	1.40	1.58	1.39	1.20	0.87	0.45	0.40	0.34	0.79
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.17	-0.54	-0.87	-1.11	-1.32	-2.14	0.00	0.00	0.00	0.00	0.00	0.00	-0.11
74TH STREET_GT_1	33.39	31.07	28.64	27.98	30.26	29.09	30.16	28.64	29.95	30.05	32.46	36.93	40.75	45.95	52.32	57.79	66.89	70.59	90.37	87.06	77.56	67.21	63.88	53.03
24260	1.09	1.01	0.92	0.84	0.77	0.77	0.81	0.85	0.89	0.97	1.13	1.21	1.26	1.23	1.30	1.46	1.66	1.56	1.37	1.02	0.62	0.55	0.48	0.84
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.17	-0.54	-0.87	-1.11	-1.32	-2.14	0.00	0.00	0.00	0.00	-0.11
74TH STREET_GT_2	33.39	31.07	28.64	27.98	30.26	29.09	30.16	28.64	29.95	30.05	32.46	36.93	40.75	45.95	52.32	57.79	66.89	70.59	90.37	87.06	77.56	67.21	63.88	53.03
24261	1.09	1.01	0.92	0.84	0.77	0.77	0.81	0.85	0.89	0.97	1.13	1.21	1.26	1.23	1.30	1.46	1.66	1.56	1.37	1.02	0.62	0.55	0.48	0.84
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.17	-0.54	-0.87	-1.11	-1.32	-2.14	0.00	0.00	0.00	0.00	0.00	0.00	-0.11
ADK HUDSON___FALLS	33.95	31.58	29.17	28.54	31.00	29.75	30.85	29.07	30.10	29.95	31.99	36.04	39.13	43.64	49.85	55.23	63.46	72.30	94.54	91.30	81.73	70.19	65.98	54.10
24011	1.65	1.52	1.45	1.40	1.51	1.43	1.50	1.28	1.04	0.87	0.66	0.67	0.71	0.65	1.03	1.50	2.48	3.27	5.54	5.27	4.79	3.52	2.58	2.13
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.17	0.53	0.86	1.09	1.29	2.11	0.00	0.00	0.00	0.00	0.00	0.00	0.10
ADK RESOURCE___RCVRY	34.27	31.86	29.41	28.77	31.25	29.98	31.10	29.25	30.23	30.09	32.15	36.28	39.43	44.00	50.22	55.67	64.11	73.13	95.60	92.31	82.66	70.83	66.38	54.40
23798	1.97	1.81	1.68	1.63	1.76	1.66	1.75	1.46	1.16	1.01	0.82	0.90	1.01	0.99	1.38	1.93	3.11	4.10	6.60	6.28	5.72	4.17	2.98	2.43
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.17	0.53	0.85	1.07	1.28	2.08	0.00	0.00	0.00	0.00	0.00	0.00	0.10
ADK S GLENS___FALLS	33.95	31.58	29.17	28.54	31.00	29.75	30.85	29.07	30.10	29.95	31.99	36.04	39.13	43.64	49.85	55.23	63.46	72.30	94.54	91.30	81.73	70.19	65.98	54.10
24028	1.65	1.52	1.45	1.40	1.51	1.43	1.50	1.28	1.04	0.87	0.66	0.67	0.71	0.65	1.03	1.50	2.48	3.27	5.54	5.27	4.79	3.52	2.58	2.13
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.17	0.53	0.86	1.09	1.29	2.11	0.00	0.00	0.00	0.00	0.00	0.00	0.10
ADK_NYS___DAM	33.05	30.92	28.81	28.24	30.67	29.43	30.48	28.83	29.84	29.61	31.65	35.04	37.53	41.54	47.18	51.83	58.29	68.99	89.65	86.47	77.35	66.73	63.31	52.09
23527	0.75	0.87	1.08	1.10	1.18	1.11	1.13	1.05	0.78	0.54	0.32	-0.14	-0.27	-0.46	-0.39	-0.40	-0.27	-0.04	0.65	0.44	0.41	0.06	-0.09	0.25
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.37	1.15	1.85	2.34	2.78	4.53	0.00	0.00	0.00	0.00	0.00	0.00	0.22
AIR_PRODUCTS___DRP	32.07	29.95	27.76	27.19	29.55	28.37	29.32	27.74	28.85	28.72	30.85	34.61	37.50	41.74	47.94	53.45	61.03	68.65	89.05	86.24	77.06	66.70	63.32	52.10
24190	-0.23	-0.10	0.04	0.05	0.06	0.05	-0.03	-0.05	-0.21	-0.36	-0.48	-0.79	-1.00	-1.40	-1.07	-0.50	-0.31	-0.39	0.06	0.20	0.12	0.03	-0.08	0.11
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.14	0.44	0.71	0.90	1.07	1.74	0.00	0.00	0.00	0.00	0.00	0.00	0.08
AKWESSNE_115KV_BK	32.75	30.51	28.15	27.62	29.96	28.75	29.85	28.31	29.70	29.83	31.98	36.38	39.87	44.75	50.67	55.58	63.55	69.45	89.69	86.53	73.69	59.22	63.83	52.84
355683	0.45	0.45	0.43	0.48	0.47	0.43	0.50	0.52	0.64	0.75	0.65	0.84	0.91	0.90	0.77	0.56	0.46	0.42	0.70	0.49	0.46	0.69	0.98	0.77
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3.71	8.15	0.55	0.00
ALBANY_1_SOLAR	32.78	30.61	28.34	27.78	30.22	29.00	29.99	28.30	29.32	29.11	31.22	35.03	37.66	41.95	47.94	53.20	60.91	67.97	88.41	85.67	76.71	66.40	63.04	51.84
323833	0.48	0.55	0.62	0.64	0.73	0.68	0.63	0.51	0.26	0.03	-0.10	-0.42	-1.00	-1.42	-1.36	-1.10	-1.00	-1.06	-0.59	-0.36	-0.24	-0.27	-0.36	-0.17
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.10	0.30	0.48	0.61	0.72	1.17	0.00	0.00	0.00	0.00	0.00	0.00	0.05
ALBANY_2_SOLAR	32.78	30.60	28.34	27.77	30.20	28.99	29.98	28.29	29.32	29.11	31.21	35.02	37.66	41.94	47.92	53.19	60.89	67.94	88.34	85.62	76.67	66.37	63.00	51.81
323834	0.48	0.54	0.61	0.63	0.71	0.67	0.63	0.50	0.25	0.03	-0.12	-0.43	-1.00	-1.43	-1.39	-1.11	-1.02	-1.09	-0.65	-0.41	-0.27	-0.30	-0.40	-0.20
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.10	0.30	0.48	0.61	0.72	1.17	0.00	0.00	0.00	0.00	0.00	0.00	0.05
ALBANY___1	32.07	29.95	27.76	27.19	29.55	28.37	29.32	27.74	28.85	28.72	30.85	34.61	37.50	41.74	47.94	53.45	61.03	68.65	89.05	86.24	77.06	66.70	63.32	52.10
23571	-0.23	-0.10	0.04	0.05	0.06	0.05	-0.03	-0.05	-0.21	-0.36	-0.48	-0.79	-1.00	-1.40	-1.07	-0.50	-0.31	-0.39	0.06	0.20	0.12	0.03	-0.08	0.11
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.14	0.44	0.71	0.90	1.07	1.74	0.00	0.00	0.00	0.00	0.00	0.00	0.08

ALBANY___2 23572	32.07 -0.23 0.00	29.95 -0.10 0.00	27.76 0.04 0.00	27.19 0.05 0.00	29.55 0.06 0.00	28.37 0.05 0.00	29.32 -0.03 0.00	27.74 -0.05 0.00	28.85 -0.21 0.00	28.72 -0.36 0.00	30.85 -0.48 0.00	34.61 -0.79 0.14	37.50 -1.00 0.44	41.74 -1.40 0.71	47.94 -1.07 0.90	53.45 -0.50 1.07	61.03 -0.31 1.74	68.65 -0.39 0.00	89.05 0.06 0.00	86.24 0.20 0.00	77.06 0.12 0.00	66.70 0.03 0.00	63.32 -0.08 0.00	52.10 0.11 0.08
ALBANY___3 23573	32.07 -0.23 0.00	29.95 -0.10 0.00	27.76 0.04 0.00	27.19 0.05 0.00	29.55 0.06 0.00	28.37 0.05 0.00	29.32 -0.03 0.00	27.74 -0.05 0.00	28.85 -0.21 0.00	28.72 -0.36 0.00	30.85 -0.48 0.00	34.61 -0.79 0.14	37.50 -1.00 0.44	41.74 -1.40 0.71	47.94 -1.07 0.90	53.45 -0.50 1.07	61.03 -0.31 1.74	68.65 -0.39 0.00	89.05 0.06 0.00	86.24 0.20 0.00	77.06 0.12 0.00	66.70 0.03 0.00	63.32 -0.08 0.00	52.10 0.11 0.08
ALBANY___4 23574	32.07 -0.23 0.00	29.95 -0.10 0.00	27.76 0.04 0.00	27.19 0.05 0.00	29.55 0.06 0.00	28.37 0.05 0.00	29.32 -0.03 0.00	27.74 -0.05 0.00	28.85 -0.21 0.00	28.72 -0.36 0.00	30.85 -0.48 0.00	34.61 -0.79 0.14	37.50 -1.00 0.44	41.74 -1.40 0.71	47.94 -1.07 0.90	53.45 -0.50 1.07	61.03 -0.31 1.74	68.65 -0.39 0.00	89.05 0.06 0.00	86.24 0.20 0.00	77.06 0.12 0.00	66.70 0.03 0.00	63.32 -0.08 0.00	52.10 0.11 0.08
ALBANY___LFGE 323615	32.43 0.13 0.00	30.27 0.22 0.00	28.04 0.32 0.00	27.47 0.33 0.00	29.85 0.36 0.00	28.65 0.33 0.00	29.64 0.29 0.00	28.03 0.23 0.00	29.15 0.09 0.00	29.03 -0.04 0.00	31.19 -0.14 0.00	34.99 -0.40 0.15	37.93 -0.54 0.48	42.25 -0.82 0.77	48.47 -0.46 0.98	53.93 0.08 1.16	61.56 0.37 1.90	69.44 0.41 0.00	90.06 1.06 0.00	87.11 1.08 0.00	77.82 0.87 0.00	67.31 0.64 0.00	63.86 0.46 0.00	52.50 0.52 0.09
ALCOA_PA_115KV_PL-6C 55860	33.05 0.75 0.00	30.78 0.73 0.00	28.39 0.67 0.00	27.85 0.71 0.00	30.21 0.73 0.00	29.00 0.69 0.00	30.12 0.76 0.00	28.56 0.77 0.00	29.95 0.88 0.00	30.08 1.01 0.00	32.23 0.91 0.00	36.66 1.12 0.00	40.17 1.22 0.00	45.09 1.24 0.00	51.08 1.17 0.00	56.02 1.01 0.00	64.03 0.95 0.00	70.01 0.97 0.00	90.14 1.14 0.00	87.04 1.01 0.00	105.56 1.51 -27.10	144.70 1.33 -76.70	64.50 1.64 0.55	53.35 1.28 0.00
ALCOA_RYNLDS___DRP 24188	33.05 0.75 0.00	30.78 0.73 0.00	28.39 0.67 0.00	27.85 0.71 0.00	30.21 0.73 0.00	29.00 0.69 0.00	30.12 0.76 0.00	28.56 0.77 0.00	29.95 0.88 0.00	30.08 1.01 0.00	32.23 0.91 0.00	36.66 1.12 0.00	40.17 1.22 0.00	45.09 1.24 0.00	51.08 1.17 0.00	56.02 1.01 0.00	64.03 0.95 0.00	70.01 0.97 0.00	90.14 1.14 0.00	87.04 1.01 0.00	105.56 1.51 -27.10	144.70 1.33 -76.70	64.50 1.64 0.55	53.35 1.28 0.00
ALCOA___DSASP 323711	33.05 0.75 0.00	30.78 0.73 0.00	28.39 0.67 0.00	27.85 0.71 0.00	30.22 0.73 0.00	29.00 0.69 0.00	30.12 0.76 0.00	28.56 0.77 0.00	29.95 0.88 0.00	30.08 1.01 0.00	32.23 0.91 0.00	36.66 1.12 0.00	40.17 1.22 0.00	45.09 1.23 0.00	51.08 1.17 0.00	56.02 1.01 0.00	64.03 0.95 0.00	70.01 0.97 0.00	90.14 1.14 0.00	87.04 1.01 0.00	105.55 1.50 -27.10	144.70 1.33 -76.70	64.50 1.64 0.55	53.35 1.28 0.00
ALLEGHENY___COGEN 23514	34.28 1.98 0.00	31.72 1.66 0.00	28.74 1.02 0.00	27.94 0.80 0.00	30.30 0.81 0.00	29.18 0.86 0.00	30.61 1.26 0.00	28.96 1.17 0.00	30.32 1.26 0.00	30.32 1.25 0.00	33.07 1.74 0.00	37.92 2.38 0.00	41.85 2.90 0.00	47.69 3.83 -0.01	54.06 4.15 0.00	58.58 3.57 0.00	66.40 3.31 0.00	73.06 4.03 0.00	93.60 4.60 0.00	93.03 7.00 0.00	84.00 7.05 0.00	72.82 6.15 0.00	70.35 6.95 0.00	57.25 5.18 0.00
ALTAMONT_115KV_TB 2 55880	32.45 0.15 0.00	30.27 0.21 0.00	28.02 0.30 0.00	27.44 0.30 0.00	29.84 0.35 0.00	28.64 0.33 0.00	29.63 0.28 0.00	28.02 0.23 0.00	29.17 0.11 0.00	29.05 -0.03 0.00	31.22 -0.10 0.00	35.15 -0.30 0.10	38.21 -0.44 0.30	42.75 -0.63 0.48	48.78 -0.53 0.61	53.97 -0.33 0.72	61.72 -0.19 1.17	68.78 -0.25 0.00	88.91 -0.09 0.00	85.93 -0.10 0.00	76.84 -0.11 0.00	66.53 -0.13 0.00	63.20 -0.21 0.00	52.00 -0.01 0.05
ALTONA_WT_PWR 323606	32.81 0.51 0.00	30.62 0.57 0.00	28.24 0.51 0.00	27.67 0.53 0.00	30.02 0.53 0.00	28.83 0.51 0.00	29.94 0.59 0.00	28.48 0.68 0.00	29.85 0.79 0.00	30.05 0.97 0.00	32.26 0.94 0.00	36.67 1.13 0.00	40.17 1.23 0.00	44.96 1.11 0.00	50.85 0.94 0.00	55.63 0.62 0.00	63.68 0.59 0.00	69.53 0.50 0.00	90.12 1.13 0.00	86.98 0.95 0.00	76.86 1.10 1.18	68.48 0.53 -1.27	62.72 0.52 1.21	52.48 0.41 0.00
AMERICAN_REF_FUEL 24010	32.62 0.32 0.00	30.24 0.18 0.00	27.20 -0.52 0.00	26.32 -0.82 0.00	28.58 -0.91 0.00	27.46 -0.86 0.00	28.89 -0.46 0.00	27.60 -0.20 0.00	29.59 0.53 0.00	29.96 0.88 0.00	32.71 1.39 0.00	37.42 1.88 0.00	41.35 2.40 0.00	47.54 3.69 -0.01	53.83 3.92 0.00	58.99 3.98 0.00	66.69 3.61 0.00	73.12 4.08 0.00	92.80 3.80 0.00	90.31 4.27 0.00	80.84 3.89 0.00	70.36 3.69 0.00	67.61 4.21 0.00	54.73 2.66 0.00
ARKWRIGHT___SUMMIT_WT_PWR 323751	32.54 0.24 0.00	29.86 -0.20 0.00	26.99 -0.73 0.00	26.21 -0.94 0.00	28.51 -0.98 0.00	27.42 -0.89 0.00	28.98 -0.37 0.00	27.64 -0.15 0.00	29.84 0.78 0.00	30.46 1.38 0.00	33.46 2.13 0.00	38.28 2.74 0.00	42.16 3.21 0.00	48.39 4.53 -0.01	55.23 5.32 0.00	60.82 5.80 0.00	68.93 5.85 0.00	75.77 6.74 0.00	95.99 6.99 0.00	93.86 7.83 0.00	83.87 6.93 0.00	72.86 6.19 0.00	69.52 6.12 0.00	56.23 4.16 0.00
ARTHUR KILL_GT_1 23520	33.39 1.10 0.00	30.86 0.80 0.00	28.35 0.63 0.00	27.69 0.54 0.00	29.83 0.35 0.00	28.68 0.36 0.00	29.77 0.42 0.00	28.27 0.48 0.00	29.52 0.46 0.00	29.58 0.50 0.00	31.92 0.59 0.00	36.40 0.69 -0.17	40.18 0.69 -0.54	45.28 0.55 -0.87	51.44 0.43 -1.11	56.06 0.39 -0.66	65.70 0.48 -2.14	69.45 0.42 0.00	89.01 0.02 0.00	85.98 -0.06 0.00	76.62 -0.33 0.00	66.48 -0.19 0.00	63.23 -0.17 0.00	52.61 0.44 -0.11
ARTHUR_KILL_2 23512	33.29 0.99 0.00	30.76 0.71 0.00	28.27 0.54 0.00	27.61 0.47 0.00	29.75 0.26 0.00	28.60 0.28 0.00	29.68 0.33 0.00	28.18 0.39 0.00	29.44 0.38 0.00	29.49 0.42 0.00	31.83 0.51 0.00	36.30 0.58 -0.17	40.05 0.55 -0.54	45.13 0.40 -0.87	51.29 0.27 -1.10	55.87 0.20 -0.65	65.46 0.23 -2.14	69.17 0.13 0.00	88.65 -0.35 0.00	85.58 -0.45 0.00	76.26 -0.68 0.00	66.20 -0.47 0.00	62.96 -0.45 0.00	52.43 0.25 -0.11
ARTHUR_KILL_3 23513	32.94 0.64 0.00	30.67 0.61 0.00	28.29 0.57 0.00	27.64 0.51 0.00	29.87 0.39 0.00	28.72 0.40 0.00	29.78 0.43 0.00	28.28 0.49 0.00	29.55 0.49 0.00	29.64 0.56 0.00	31.99 0.67 0.00	36.41 0.69 -0.17	40.16 0.67 -0.54	45.29 0.57 -0.87	51.52 0.51 -1.11	56.92 0.59 -1.32	65.87 0.64 -2.14	69.43 0.40 0.00	88.85 -0.15 0.00	85.61 -0.43 0.00	76.27 -0.67 0.00	66.13 -0.54 0.00	62.87 -0.53 0.00	52.27 0.09 -0.11

ARTHUR_KILL_COGEN 323718	33.39 1.10 0.00	30.86 0.80 0.00	28.35 0.63 0.00	27.69 0.55 0.00	29.83 0.35 0.00	28.68 0.36 0.00	29.77 0.42 0.00	28.27 0.48 0.00	29.52 0.46 0.00	29.58 0.50 0.00	31.92 0.59 0.00	36.40 0.69 -0.17	40.18 0.68 -0.54	45.28 0.55 -0.87	51.46 0.44 -1.10	56.07 0.40 -0.65	65.70 0.48 -2.14	69.45 0.42 0.00	89.01 0.02 0.00	85.97 -0.06 0.00	76.62 -0.32 0.00	66.48 -0.19 0.00	63.22 -0.18 0.00	52.63 0.46 -0.11
ASHOKAN____ 23654	32.87 0.57 0.00	30.56 0.50 0.00	28.20 0.48 0.00	27.58 0.44 0.00	29.95 0.46 0.00	28.75 0.44 0.00	29.78 0.43 0.00	28.22 0.43 0.00	29.41 0.35 0.00	29.30 0.23 0.00	31.54 0.22 0.00	35.81 0.26 0.00	39.41 0.46 0.00	44.30 0.45 0.00	50.40 0.49 0.00	56.17 1.15 0.00	64.40 1.32 0.00	70.44 1.41 0.00	91.10 2.10 0.00	88.12 2.09 0.00	78.51 1.57 0.00	67.84 1.17 0.00	64.22 0.82 0.00	52.77 0.71 0.00
ASTORIA_EAST_ENERGY_CC1 323581	33.26 0.97 0.00	30.99 0.93 0.00	28.48 0.75 0.00	27.80 0.66 0.00	30.05 0.56 0.00	28.88 0.56 0.00	29.95 0.59 0.00	28.44 0.65 0.00	29.69 0.63 0.00	29.78 0.70 0.00	32.10 0.77 0.00	36.55 0.83 -0.17	40.32 0.83 -0.54	45.43 0.70 -0.87	51.65 0.64 -1.11	57.08 0.74 -1.32	65.82 0.60 -2.14	69.55 0.51 0.00	89.03 0.04 0.00	85.84 -0.19 0.00	76.47 -0.48 0.00	66.29 -0.37 0.00	63.18 -0.22 0.00	52.68 0.50 -0.11
ASTORIA_EAST_ENERGY_CC2 323582	33.24 0.95 0.00	30.98 0.92 0.00	28.47 0.75 0.00	27.79 0.64 0.00	30.04 0.55 0.00	28.87 0.55 0.00	29.93 0.58 0.00	28.44 0.65 0.00	29.69 0.63 0.00	29.78 0.70 0.00	32.10 0.77 0.00	36.55 0.83 -0.17	40.32 0.83 -0.54	45.43 0.70 -0.87	51.65 0.64 -1.11	57.08 0.74 -1.32	65.82 0.60 -2.14	69.55 0.51 0.00	89.03 0.04 0.00	85.84 -0.19 0.00	76.47 -0.48 0.00	66.29 -0.37 0.00	63.18 -0.22 0.00	52.68 0.50 -0.11
ASTORIA_GT2_1 24094	33.26 0.96 0.00	30.98 0.93 0.00	28.48 0.75 0.00	27.80 0.66 0.00	30.05 0.56 0.00	28.88 0.56 0.00	29.95 0.59 0.00	28.45 0.66 0.00	29.70 0.64 0.00	29.78 0.71 0.00	32.12 0.79 0.00	36.57 0.85 -0.17	40.35 0.86 -0.54	45.45 0.73 -0.87	51.68 0.66 -1.11	57.09 0.76 -1.32	65.87 0.65 -2.14	69.58 0.55 0.00	89.08 0.09 0.00	85.90 -0.13 0.00	76.52 -0.43 0.00	66.34 -0.33 0.00	63.24 -0.16 0.00	52.66 0.48 -0.11
ASTORIA_GT2_2 24095	33.26 0.96 0.00	30.98 0.93 0.00	28.48 0.75 0.00	27.80 0.66 0.00	30.05 0.56 0.00	28.88 0.56 0.00	29.95 0.59 0.00	28.45 0.66 0.00	29.70 0.64 0.00	29.78 0.71 0.00	32.12 0.79 0.00	36.57 0.85 -0.17	40.35 0.86 -0.54	45.45 0.73 -0.87	51.68 0.66 -1.11	57.09 0.76 -1.32	65.87 0.65 -2.14	69.58 0.55 0.00	89.08 0.09 0.00	85.90 -0.13 0.00	76.52 -0.43 0.00	66.34 -0.33 0.00	63.24 -0.16 0.00	52.66 0.48 -0.11
ASTORIA_GT2_3 24096	33.26 0.96 0.00	30.98 0.93 0.00	28.48 0.75 0.00	27.80 0.66 0.00	30.05 0.56 0.00	28.88 0.56 0.00	29.95 0.59 0.00	28.45 0.66 0.00	29.70 0.64 0.00	29.78 0.71 0.00	32.12 0.79 0.00	36.57 0.85 -0.17	40.35 0.86 -0.54	45.45 0.73 -0.87	51.68 0.66 -1.11	57.09 0.76 -1.32	65.87 0.65 -2.14	69.58 0.55 0.00	89.08 0.09 0.00	85.90 -0.13 0.00	76.52 -0.43 0.00	66.34 -0.33 0.00	63.24 -0.16 0.00	52.66 0.48 -0.11
ASTORIA_GT2_4 24097	33.26 0.96 0.00	30.98 0.93 0.00	28.48 0.75 0.00	27.80 0.66 0.00	30.05 0.56 0.00	28.88 0.56 0.00	29.95 0.59 0.00	28.45 0.66 0.00	29.70 0.64 0.00	29.78 0.71 0.00	32.12 0.79 0.00	36.57 0.85 -0.17	40.35 0.86 -0.54	45.45 0.73 -0.87	51.68 0.66 -1.11	57.09 0.76 -1.32	65.87 0.65 -2.14	69.58 0.55 0.00	89.08 0.09 0.00	85.90 -0.13 0.00	76.52 -0.43 0.00	66.34 -0.33 0.00	63.24 -0.16 0.00	52.66 0.48 -0.11
ASTORIA_GT3_1 24098	33.26 0.96 0.00	30.98 0.93 0.00	28.48 0.75 0.00	27.80 0.66 0.00	30.05 0.56 0.00	28.88 0.56 0.00	29.95 0.59 0.00	28.45 0.66 0.00	29.70 0.64 0.00	29.78 0.71 0.00	32.12 0.79 0.00	36.57 0.85 -0.17	40.35 0.86 -0.54	45.45 0.73 -0.87	51.68 0.66 -1.11	57.09 0.76 -1.32	65.87 0.65 -2.14	69.58 0.55 0.00	89.08 0.09 0.00	85.90 -0.13 0.00	76.52 -0.43 0.00	66.34 -0.33 0.00	63.24 -0.16 0.00	52.66 0.48 -0.11
ASTORIA_GT3_2 24099	33.26 0.96 0.00	30.98 0.93 0.00	28.48 0.75 0.00	27.80 0.66 0.00	30.05 0.56 0.00	28.88 0.56 0.00	29.95 0.59 0.00	28.45 0.66 0.00	29.70 0.64 0.00	29.78 0.71 0.00	32.12 0.79 0.00	36.57 0.85 -0.17	40.35 0.86 -0.54	45.45 0.73 -0.87	51.68 0.66 -1.11	57.09 0.76 -1.32	65.87 0.65 -2.14	69.58 0.55 0.00	89.08 0.09 0.00	85.90 -0.13 0.00	76.52 -0.43 0.00	66.34 -0.33 0.00	63.24 -0.16 0.00	52.66 0.48 -0.11
ASTORIA_GT3_3 24100	33.26 0.96 0.00	30.98 0.93 0.00	28.48 0.75 0.00	27.80 0.66 0.00	30.05 0.56 0.00	28.88 0.56 0.00	29.95 0.59 0.00	28.45 0.66 0.00	29.70 0.64 0.00	29.78 0.71 0.00	32.12 0.79 0.00	36.57 0.85 -0.17	40.35 0.86 -0.54	45.45 0.73 -0.87	51.68 0.66 -1.11	57.09 0.76 -1.32	65.87 0.65 -2.14	69.58 0.55 0.00	89.08 0.09 0.00	85.90 -0.13 0.00	76.52 -0.43 0.00	66.34 -0.33 0.00	63.24 -0.16 0.00	52.66 0.48 -0.11
ASTORIA_GT3_4 24101	33.26 0.96 0.00	30.98 0.93 0.00	28.48 0.75 0.00	27.80 0.66 0.00	30.05 0.56 0.00	28.88 0.56 0.00	29.95 0.59 0.00	28.45 0.66 0.00	29.70 0.64 0.00	29.78 0.71 0.00	32.12 0.79 0.00	36.57 0.85 -0.17	40.35 0.86 -0.54	45.45 0.73 -0.87	51.68 0.66 -1.11	57.09 0.76 -1.32	65.87 0.65 -2.14	69.58 0.55 0.00	89.08 0.09 0.00	85.90 -0.13 0.00	76.52 -0.43 0.00	66.34 -0.33 0.00	63.24 -0.16 0.00	52.66 0.48 -0.11
ASTORIA_GT4_1 24102	33.26 0.96 0.00	30.98 0.93 0.00	28.48 0.75 0.00	27.80 0.66 0.00	30.05 0.56 0.00	28.88 0.56 0.00	29.95 0.59 0.00	28.45 0.66 0.00	29.70 0.64 0.00	29.78 0.71 0.00	32.12 0.79 0.00	36.57 0.85 -0.17	40.35 0.86 -0.54	45.45 0.73 -0.87	51.68 0.66 -1.11	57.09 0.76 -1.32	65.87 0.65 -2.14	69.58 0.55 0.00	89.08 0.09 0.00	85.90 -0.13 0.00	76.52 -0.43 0.00	66.34 -0.33 0.00	63.24 -0.16 0.00	52.66 0.48 -0.11
ASTORIA_GT4_2 24103	33.26 0.96 0.00	30.98 0.93 0.00	28.48 0.75 0.00	27.80 0.66 0.00	30.05 0.56 0.00	28.88 0.56 0.00	29.95 0.59 0.00	28.45 0.66 0.00	29.70 0.64 0.00	29.78 0.71 0.00	32.12 0.79 0.00	36.57 0.85 -0.17	40.35 0.86 -0.54	45.45 0.73 -0.87	51.68 0.66 -1.11	57.09 0.76 -1.32	65.87 0.65 -2.14	69.58 0.55 0.00	89.08 0.09 0.00	85.90 -0.13 0.00	76.52 -0.43 0.00	66.34 -0.33 0.00	63.24 -0.16 0.00	52.66 0.48 -0.11
ASTORIA_GT4_3 24104	33.26 0.96 0.00	30.98 0.93 0.00	28.48 0.75 0.00	27.80 0.66 0.00	30.05 0.56 0.00	28.88 0.56 0.00	29.95 0.59 0.00	28.45 0.66 0.00	29.70 0.64 0.00	29.78 0.71 0.00	32.12 0.79 0.00	36.57 0.85 -0.17	40.35 0.86 -0.54	45.45 0.73 -0.87	51.68 0.66 -1.11	57.09 0.76 -1.32	65.87 0.65 -2.14	69.58 0.55 0.00	89.08 0.09 0.00	85.90 -0.13 0.00	76.52 -0.43 0.00	66.34 -0.33 0.00	63.24 -0.16 0.00	52.66 0.48 -0.11

ASTORIA_GT4_4 24105	33.26 0.96 0.00	30.98 0.93 0.00	28.48 0.75 0.00	27.80 0.66 0.00	30.05 0.56 0.00	28.88 0.56 0.00	29.95 0.59 0.00	28.45 0.66 0.00	29.70 0.64 0.00	29.78 0.71 0.00	32.12 0.79 0.00	36.57 0.85 -0.17	40.35 0.86 -0.54	45.45 0.73 -0.87	51.68 0.66 -1.11	57.09 0.76 -1.32	65.87 0.65 -2.14	69.58 0.55 0.00	89.08 0.09 0.00	85.90 -0.13 0.00	76.52 -0.43 0.00	66.34 -0.33 0.00	63.24 -0.16 0.00	52.66 0.48 -0.11
ASTORIA_GT_1 23523	33.32 1.02 0.00	31.05 0.99 0.00	28.53 0.80 0.00	27.84 0.70 0.00	30.10 0.61 0.00	28.92 0.60 0.00	29.99 0.64 0.00	28.51 0.72 0.00	29.76 0.70 0.00	29.84 0.77 0.00	32.18 0.85 0.00	36.65 0.93 -0.17	40.44 0.95 -0.54	45.56 0.84 -0.87	51.81 0.80 -1.11	57.23 0.90 -1.32	66.03 0.80 -2.14	69.76 0.73 0.00	89.29 0.30 0.00	86.10 0.07 0.00	76.70 -0.25 0.00	66.49 -0.18 0.00	63.37 -0.03 0.00	52.77 0.60 -0.11
ASTORIA_GT_10 24110	33.17 0.87 0.00	30.90 0.85 0.00	28.46 0.74 0.00	27.79 0.65 0.00	30.04 0.55 0.00	28.86 0.55 0.00	29.94 0.59 0.00	28.46 0.66 0.00	29.74 0.68 0.00	29.84 0.76 0.00	32.17 0.84 0.00	36.61 0.89 -0.17	40.38 0.89 -0.54	45.52 0.80 -0.87	51.77 0.76 -1.11	57.13 0.80 -1.32	66.00 0.77 -2.14	69.68 0.64 0.00	89.20 0.20 0.00	85.98 -0.06 0.00	76.58 -0.36 0.00	66.39 -0.28 0.00	63.20 -0.21 0.00	52.59 0.41 -0.11
ASTORIA_GT_11 24225	33.17 0.87 0.00	30.90 0.85 0.00	28.46 0.74 0.00	27.79 0.65 0.00	30.04 0.55 0.00	28.86 0.55 0.00	29.94 0.59 0.00	28.46 0.66 0.00	29.74 0.68 0.00	29.84 0.76 0.00	32.17 0.84 0.00	36.61 0.89 -0.17	40.38 0.89 -0.54	45.52 0.80 -0.87	51.77 0.76 -1.11	57.13 0.80 -1.32	66.00 0.77 -2.14	69.68 0.64 0.00	89.20 0.20 0.00	85.98 -0.06 0.00	76.58 -0.36 0.00	66.39 -0.28 0.00	63.20 -0.21 0.00	52.59 0.41 -0.11
ASTORIA_GT_12 24226	33.17 0.87 0.00	30.90 0.85 0.00	28.46 0.74 0.00	27.79 0.65 0.00	30.04 0.55 0.00	28.86 0.55 0.00	29.94 0.59 0.00	28.46 0.66 0.00	29.74 0.68 0.00	29.84 0.76 0.00	32.17 0.84 0.00	36.61 0.89 -0.17	40.38 0.89 -0.54	45.52 0.80 -0.87	51.77 0.76 -1.11	57.13 0.80 -1.32	66.00 0.77 -2.14	69.68 0.64 0.00	89.20 0.20 0.00	85.98 -0.06 0.00	76.58 -0.36 0.00	66.39 -0.28 0.00	63.20 -0.21 0.00	52.59 0.41 -0.11
ASTORIA_GT_13 24227	33.17 0.87 0.00	30.90 0.85 0.00	28.46 0.74 0.00	27.79 0.65 0.00	30.04 0.55 0.00	28.86 0.55 0.00	29.94 0.59 0.00	28.46 0.66 0.00	29.74 0.68 0.00	29.84 0.76 0.00	32.17 0.84 0.00	36.61 0.89 -0.17	40.38 0.89 -0.54	45.52 0.80 -0.87	51.77 0.76 -1.11	57.13 0.80 -1.32	66.00 0.77 -2.14	69.68 0.64 0.00	89.20 0.20 0.00	85.98 -0.06 0.00	76.58 -0.36 0.00	66.39 -0.28 0.00	63.20 -0.21 0.00	52.59 0.41 -0.11
ASTORIA_GT_5 24106	33.32 1.02 0.00	31.05 0.99 0.00	28.53 0.80 0.00	27.84 0.70 0.00	30.10 0.61 0.00	28.92 0.60 0.00	29.99 0.64 0.00	28.51 0.72 0.00	29.76 0.70 0.00	29.84 0.77 0.00	32.18 0.85 0.00	36.65 0.93 -0.17	40.44 0.95 -0.54	45.56 0.84 -0.87	51.81 0.80 -1.11	57.23 0.90 -1.32	66.03 0.80 -2.14	69.76 0.73 0.00	89.29 0.30 0.00	86.10 0.07 0.00	76.70 -0.25 0.00	66.49 -0.18 0.00	63.37 -0.03 0.00	52.77 0.60 -0.11
ASTORIA_GT_7 24107	33.32 1.02 0.00	31.05 0.99 0.00	28.53 0.80 0.00	27.84 0.70 0.00	30.10 0.61 0.00	28.92 0.60 0.00	29.99 0.64 0.00	28.51 0.72 0.00	29.76 0.70 0.00	29.84 0.77 0.00	32.18 0.85 0.00	36.65 0.93 -0.17	40.44 0.95 -0.54	45.56 0.84 -0.87	51.81 0.80 -1.11	57.23 0.90 -1.32	66.03 0.80 -2.14	69.76 0.73 0.00	89.29 0.30 0.00	86.10 0.07 0.00	76.70 -0.25 0.00	66.49 -0.18 0.00	63.37 -0.03 0.00	52.77 0.60 -0.11
ASTORIA_GT_8 24108	33.32 1.02 0.00	31.05 0.99 0.00	28.53 0.80 0.00	27.84 0.70 0.00	30.10 0.61 0.00	28.92 0.60 0.00	29.99 0.64 0.00	28.51 0.72 0.00	29.76 0.70 0.00	29.84 0.77 0.00	32.18 0.85 0.00	36.65 0.93 -0.17	40.44 0.95 -0.54	45.56 0.84 -0.87	51.81 0.80 -1.11	57.23 0.90 -1.32	66.03 0.80 -2.14	69.76 0.73 0.00	89.29 0.30 0.00	86.10 0.07 0.00	76.70 -0.25 0.00	66.49 -0.18 0.00	63.37 -0.03 0.00	52.77 0.60 -0.11
ASTORIA___2 24149	33.26 0.97 0.00	30.99 0.93 0.00	28.48 0.75 0.00	27.80 0.66 0.00	30.05 0.56 0.00	28.88 0.56 0.00	29.95 0.59 0.00	28.45 0.66 0.00	29.70 0.64 0.00	29.79 0.72 0.00	32.12 0.79 0.00	36.58 0.86 -0.17	40.35 0.85 -0.54	45.45 0.72 -0.87	51.68 0.67 -1.11	57.10 0.76 -1.32	65.87 0.64 -2.14	69.58 0.55 0.00	89.08 0.09 0.00	85.89 -0.14 0.00	76.51 -0.44 0.00	66.34 -0.33 0.00	63.23 -0.17 0.00	52.70 0.52 -0.11
ASTORIA___3 23516	33.26 0.97 0.00	30.99 0.93 0.00	28.48 0.75 0.00	27.80 0.66 0.00	30.05 0.56 0.00	28.88 0.56 0.00	29.94 0.59 0.00	28.45 0.66 0.00	29.70 0.64 0.00	29.79 0.72 0.00	32.12 0.79 0.00	36.57 0.85 -0.17	40.35 0.85 -0.54	45.45 0.72 -0.87	51.68 0.67 -1.11	57.10 0.76 -1.32	65.87 0.64 -2.14	69.58 0.55 0.00	89.07 0.07 0.00	85.89 -0.14 0.00	76.51 -0.44 0.00	66.34 -0.33 0.00	63.23 -0.17 0.00	52.70 0.52 -0.11
ASTORIA___4 23517	33.26 0.96 0.00	30.98 0.93 0.00	28.48 0.75 0.00	27.80 0.66 0.00	30.05 0.56 0.00	28.88 0.56 0.00	29.95 0.59 0.00	28.45 0.66 0.00	29.70 0.64 0.00	29.78 0.71 0.00	32.12 0.79 0.00	36.57 0.85 -0.17	40.35 0.86 -0.54	45.45 0.73 -0.87	51.68 0.66 -1.11	57.09 0.76 -1.32	65.87 0.65 -2.14	69.58 0.55 0.00	89.07 0.07 0.00	85.90 -0.13 0.00	76.51 -0.43 0.00	66.33 -0.33 0.00	63.23 -0.17 0.00	52.66 0.48 -0.11
ASTORIA___5 23518	33.18 0.88 0.00	30.90 0.85 0.00	28.46 0.74 0.00	27.79 0.65 0.00	30.04 0.55 0.00	28.86 0.55 0.00	29.94 0.59 0.00	28.46 0.66 0.00	29.74 0.68 0.00	29.83 0.76 0.00	32.17 0.84 0.00	36.60 0.88 -0.17	40.38 0.89 -0.54	45.52 0.80 -0.87	51.78 0.76 -1.11	57.13 0.80 -1.32	65.99 0.76 -2.14	69.67 0.64 0.00	89.20 0.20 0.00	85.97 -0.06 0.00	76.59 -0.36 0.00	66.39 -0.28 0.00	63.17 -0.23 0.00	52.61 0.43 -0.11
AST_ENERGY_2_CC3 323677	33.05 0.75 0.00	30.76 0.71 0.00	28.39 0.67 0.00	27.74 0.60 0.00	30.00 0.51 0.00	28.84 0.52 0.00	29.90 0.54 0.00	28.38 0.59 0.00	29.65 0.59 0.00	29.74 0.67 0.00	32.11 0.79 0.00	36.51 0.79 -0.17	40.26 0.77 -0.54	45.39 0.67 -0.87	51.66 0.65 -1.11	57.06 0.72 -1.32	66.04 0.81 -2.14	69.63 0.60 0.00	89.14 0.15 0.00	85.91 -0.12 0.00	76.51 -0.43 0.00	66.32 -0.35 0.00	63.04 -0.36 0.00	52.40 0.22 -0.11
AST_ENERGY_2_CC4 323678	33.05 0.75 0.00	30.76 0.71 0.00	28.39 0.67 0.00	27.74 0.60 0.00	30.00 0.51 0.00	28.84 0.52 0.00	29.90 0.54 0.00	28.38 0.59 0.00	29.65 0.59 0.00	29.74 0.67 0.00	32.11 0.79 0.00	36.51 0.79 -0.17	40.26 0.77 -0.54	45.39 0.67 -0.87	51.66 0.65 -1.11	57.06 0.72 -1.32	66.04 0.81 -2.14	69.63 0.60 0.00	89.14 0.15 0.00	85.91 -0.12 0.00	76.51 -0.43 0.00	66.32 -0.35 0.00	63.04 -0.36 0.00	52.40 0.22 -0.11

ATHENS_STG_1 23668	32.41 0.11 0.00	30.22 0.16 0.00	27.96 0.24 0.00	27.38 0.24 0.00	29.77 0.28 0.00	28.59 0.27 0.00	29.55 0.20 0.00	27.95 0.16 0.00	29.14 0.07 0.00	29.05 -0.03 0.00	31.30 -0.03 0.00	35.46 -0.15 -0.07	38.91 -0.25 -0.21	43.79 -0.39 -0.33	49.94 -0.39 -0.42	55.20 -0.32 -0.50	63.65 -0.25 -0.81	68.57 -0.46 0.00	88.23 -0.77 0.00	85.14 -0.89 0.00	76.05 -0.90 0.00	65.92 -0.75 0.00	62.66 -0.74 0.00	51.75 -0.36 -0.05
ATHENS_STG_2 23670	32.41 0.11 0.00	30.22 0.16 0.00	27.96 0.24 0.00	27.38 0.24 0.00	29.77 0.28 0.00	28.59 0.27 0.00	29.55 0.20 0.00	27.95 0.16 0.00	29.14 0.07 0.00	29.05 -0.03 0.00	31.30 -0.03 0.00	35.46 -0.15 -0.07	38.91 -0.25 -0.21	43.79 -0.39 -0.33	49.94 -0.39 -0.42	55.20 -0.32 -0.50	63.65 -0.25 -0.81	68.57 -0.46 0.00	88.23 -0.77 0.00	85.14 -0.89 0.00	76.05 -0.90 0.00	65.92 -0.75 0.00	62.66 -0.74 0.00	51.75 -0.36 -0.05
ATHENS_STG_3 23677	32.41 0.11 0.00	30.22 0.16 0.00	27.96 0.24 0.00	27.38 0.24 0.00	29.77 0.28 0.00	28.59 0.27 0.00	29.55 0.20 0.00	27.95 0.16 0.00	29.14 0.07 0.00	29.05 -0.03 0.00	31.30 -0.03 0.00	35.46 -0.15 -0.07	38.91 -0.25 -0.21	43.79 -0.39 -0.33	49.94 -0.39 -0.42	55.20 -0.32 -0.50	63.65 -0.25 -0.81	68.57 -0.46 0.00	88.23 -0.77 0.00	85.14 -0.89 0.00	76.05 -0.90 0.00	65.92 -0.75 0.00	62.66 -0.74 0.00	51.75 -0.36 -0.05
AUBURN___LFGE 323710	32.72 0.42 0.00	30.24 0.18 0.00	27.72 0.00 0.00	27.07 -0.07 0.00	29.41 -0.08 0.00	28.35 0.03 0.00	29.48 0.13 0.00	27.94 0.14 0.00	29.23 0.17 0.00	29.12 0.04 0.00	31.49 0.16 0.00	35.85 0.30 0.00	39.40 0.44 0.00	44.81 0.96 0.00	51.09 1.18 0.00	56.41 1.40 0.00	64.76 1.67 0.00	71.18 2.15 0.00	92.20 2.69 -0.52	88.85 2.68 -0.14	79.66 2.58 -0.13	68.95 2.09 -0.19	65.60 1.89 -0.30	53.27 1.20 0.00
BABYLON_RES_REC 323704	33.06 0.76 0.00	30.83 0.77 0.00	28.35 0.63 0.00	27.64 0.50 0.00	29.89 0.41 0.00	28.68 0.36 0.00	29.77 0.42 0.00	28.16 0.36 0.00	29.47 0.41 0.00	29.58 0.50 0.00	32.20 0.87 0.00	36.49 0.77 -0.17	40.18 0.68 -0.54	44.95 0.22 -0.87	37.70 -0.39 11.81	32.13 -0.43 22.45	52.39 -0.38 10.31	66.80 -0.67 1.56	46.45 -1.85 40.70	44.66 -1.96 39.41	33.76 -1.70 41.49	32.43 -1.36 32.87	36.62 -0.90 25.88	50.77 -0.14 1.15
BALL_HILL_WT_PWR 323825	32.81 0.51 0.00	30.29 0.23 0.00	27.36 -0.36 0.00	26.56 -0.58 0.00	28.82 -0.67 0.00	27.71 -0.61 0.00	29.17 -0.18 0.00	27.78 -0.01 0.00	29.79 0.73 0.00	30.13 1.05 0.00	33.00 1.68 0.00	37.90 2.35 0.00	41.74 2.79 0.00	47.90 4.04 -0.01	54.52 4.61 0.00	59.97 4.95 0.00	68.01 4.93 0.00	74.63 5.60 0.00	94.67 5.67 0.00	92.32 6.29 0.00	82.49 5.55 0.00	71.66 4.99 0.00	68.49 5.09 0.00	55.46 3.39 0.00
BARON_WINDS___WT_PWR 323822	32.21 -0.09 0.00	29.90 -0.16 0.00	27.17 -0.55 0.00	26.51 -0.63 0.00	28.83 -0.67 0.00	27.76 -0.56 0.00	29.06 -0.29 0.00	27.52 -0.26 0.00	29.09 0.03 0.00	29.19 0.11 0.00	31.79 0.47 0.00	36.35 0.80 0.00	39.92 0.97 0.00	45.53 1.67 0.00	51.95 2.04 0.00	57.25 2.24 0.00	65.47 2.39 0.00	71.95 2.92 0.00	92.05 2.91 -0.14	89.90 3.83 -0.04	80.45 3.47 -0.04	69.58 2.86 -0.05	66.11 2.63 -0.08	53.50 1.43 0.00
BARRETT_IC_1 23704	32.84 0.54 0.00	30.62 0.56 0.00	28.25 0.53 0.00	27.57 0.43 0.00	29.83 0.34 0.00	28.63 0.31 0.00	29.70 0.35 0.00	28.09 0.30 0.00	29.37 0.31 0.00	29.50 0.43 0.00	32.13 0.81 0.00	36.49 0.77 -0.17	40.20 0.71 -0.54	45.05 0.32 -0.87	52.30 -0.09 -2.48	58.79 -0.07 -3.84	66.67 0.13 -3.47	69.00 0.03 0.07	91.27 -0.91 -3.19	89.03 -1.19 -4.19	80.00 -1.35 -4.40	68.97 -1.19 -3.49	64.92 -1.23 -2.75	52.01 -0.31 -0.25
BARRETT_IC_10 23701	32.84 0.54 0.00	30.62 0.56 0.00	28.25 0.53 0.00	27.57 0.43 0.00	29.83 0.34 0.00	28.63 0.31 0.00	29.70 0.35 0.00	28.09 0.30 0.00	29.37 0.31 0.00	29.50 0.43 0.00	32.13 0.81 0.00	36.49 0.77 -0.17	40.20 0.71 -0.54	45.05 0.32 -0.87	52.30 -0.09 -2.48	58.79 -0.07 -3.84	66.67 0.13 -3.47	69.00 0.03 0.07	91.27 -0.91 -3.19	89.03 -1.19 -4.19	80.00 -1.35 -4.40	68.97 -1.19 -3.49	64.92 -1.23 -2.75	52.01 -0.31 -0.25
BARRETT_IC_11 23702	32.84 0.54 0.00	30.62 0.56 0.00	28.25 0.53 0.00	27.57 0.43 0.00	29.83 0.34 0.00	28.63 0.31 0.00	29.70 0.35 0.00	28.09 0.30 0.00	29.37 0.31 0.00	29.50 0.43 0.00	32.13 0.81 0.00	36.49 0.77 -0.17	40.20 0.71 -0.54	45.05 0.32 -0.87	52.30 -0.09 -2.48	58.79 -0.07 -3.84	66.67 0.13 -3.47	69.00 0.03 0.07	91.27 -0.91 -3.19	89.03 -1.19 -4.19	80.00 -1.35 -4.40	68.97 -1.19 -3.49	64.92 -1.23 -2.75	52.01 -0.31 -0.25
BARRETT_IC_12 23703	32.84 0.54 0.00	30.62 0.56 0.00	28.25 0.53 0.00	27.57 0.43 0.00	29.83 0.34 0.00	28.63 0.31 0.00	29.70 0.35 0.00	28.09 0.30 0.00	29.37 0.31 0.00	29.50 0.43 0.00	32.13 0.81 0.00	36.49 0.77 -0.17	40.20 0.71 -0.54	45.05 0.32 -0.87	52.30 -0.09 -2.48	58.79 -0.07 -3.84	66.67 0.13 -3.47	69.00 0.03 0.07	91.27 -0.91 -3.19	89.03 -1.19 -4.19	80.00 -1.35 -4.40	68.97 -1.19 -3.49	64.92 -1.23 -2.75	52.01 -0.31 -0.25
BARRETT_IC_2 23705	32.84 0.54 0.00	30.62 0.56 0.00	28.25 0.53 0.00	27.57 0.43 0.00	29.83 0.34 0.00	28.63 0.31 0.00	29.70 0.35 0.00	28.09 0.30 0.00	29.37 0.31 0.00	29.50 0.43 0.00	32.13 0.81 0.00	36.49 0.77 -0.17	40.20 0.71 -0.54	45.05 0.32 -0.87	52.30 -0.09 -2.48	58.79 -0.07 -3.84	66.67 0.13 -3.47	69.00 0.03 0.07	91.27 -0.91 -3.19	89.03 -1.19 -4.19	80.00 -1.35 -4.40	68.97 -1.19 -3.49	64.92 -1.23 -2.75	52.01 -0.31 -0.25
BARRETT_IC_3 23706	32.84 0.54 0.00	30.62 0.56 0.00	28.25 0.53 0.00	27.57 0.43 0.00	29.83 0.34 0.00	28.63 0.31 0.00	29.70 0.35 0.00	28.09 0.30 0.00	29.37 0.31 0.00	29.50 0.43 0.00	32.13 0.81 0.00	36.49 0.77 -0.17	40.20 0.71 -0.54	45.05 0.32 -0.87	52.30 -0.09 -2.48	58.79 -0.07 -3.84	66.67 0.13 -3.47	69.00 0.03 0.07	91.27 -0.91 -3.19	89.03 -1.19 -4.19	80.00 -1.35 -4.40	68.97 -1.19 -3.49	64.92 -1.23 -2.75	52.01 -0.31 -0.25
BARRETT_IC_4 23707	32.84 0.54 0.00	30.62 0.56 0.00	28.25 0.53 0.00	27.57 0.43 0.00	29.83 0.34 0.00	28.63 0.31 0.00	29.70 0.35 0.00	28.09 0.30 0.00	29.37 0.31 0.00	29.50 0.43 0.00	32.13 0.81 0.00	36.49 0.77 -0.17	40.20 0.71 -0.54	45.05 0.32 -0.87	52.30 -0.09 -2.48	58.79 -0.07 -3.84	66.67 0.13 -3.47	69.00 0.03 0.07	91.27 -0.91 -3.19	89.03 -1.19 -4.19	80.00 -1.35 -4.40	68.97 -1.19 -3.49	64.92 -1.23 -2.75	52.01 -0.31 -0.25
BARRETT_IC_5 23708	32.84 0.54 0.00	30.62 0.56 0.00	28.25 0.53 0.00	27.57 0.43 0.00	29.83 0.34 0.00	28.63 0.31 0.00	29.70 0.35 0.00	28.09 0.30 0.00	29.37 0.31 0.00	29.50 0.43 0.00	32.13 0.81 0.00	36.49 0.77 -0.17	40.20 0.71 -0.54	45.05 0.32 -0.87	52.30 -0.09 -2.48	58.79 -0.07 -3.84	66.67 0.13 -3.47	69.00 0.03 0.07	91.27 -0.91 -3.19	89.03 -1.19 -4.19	80.00 -1.35 -4.40	68.97 -1.19 -3.49	64.92 -1.23 -2.75	52.01 -0.31 -0.25

BARRETT_IC_6 23709	32.84 0.54 0.00	30.62 0.56 0.00	28.25 0.53 0.00	27.57 0.43 0.00	29.83 0.34 0.00	28.63 0.31 0.00	29.70 0.35 0.00	28.09 0.30 0.00	29.37 0.31 0.00	29.50 0.43 0.00	32.13 0.81 0.00	36.49 0.77 -0.17	40.20 0.71 -0.54	45.05 0.32 -0.87	52.30 -0.09 -2.48	58.79 -0.07 -3.84	66.67 0.13 -3.47	69.00 0.03 0.07	91.27 -0.91 -3.19	89.03 -1.19 -4.19	80.00 -1.35 -4.40	68.97 -1.19 -3.49	64.92 -1.23 -2.75	52.01 -0.31 -0.25
BARRETT_IC_7 23710	32.84 0.54 0.00	30.62 0.57 0.00	28.25 0.53 0.00	27.57 0.43 0.00	29.83 0.34 0.00	28.63 0.31 0.00	29.70 0.35 0.00	28.09 0.30 0.00	29.37 0.31 0.00	29.50 0.43 0.00	32.13 0.81 0.00	36.49 0.77 -0.17	40.20 0.71 -0.54	45.04 0.32 -0.87	52.32 -0.07 -2.48	58.82 -0.04 -3.84	66.66 0.12 -3.47	68.99 0.03 0.07	91.27 -0.92 -3.19	89.06 -1.16 -4.19	80.04 -1.31 -4.40	68.99 -1.17 -3.49	64.95 -1.20 -2.75	52.00 -0.31 -0.25
BARRETT_IC_8 23711	32.84 0.54 0.00	30.62 0.56 0.00	28.25 0.53 0.00	27.57 0.43 0.00	29.83 0.34 0.00	28.63 0.31 0.00	29.70 0.35 0.00	28.09 0.30 0.00	29.37 0.31 0.00	29.50 0.43 0.00	32.13 0.81 0.00	36.49 0.77 -0.17	40.20 0.71 -0.54	45.05 0.32 -0.87	52.30 -0.09 -2.48	58.79 -0.07 -3.84	66.67 0.13 -3.47	69.00 0.03 0.07	91.27 -0.91 -3.19	89.03 -1.19 -4.19	80.00 -1.35 -4.40	68.97 -1.19 -3.49	64.92 -1.23 -2.75	52.01 -0.31 -0.25
BARRETT_IC_9 23700	32.84 0.54 0.00	30.62 0.56 0.00	28.25 0.53 0.00	27.57 0.43 0.00	29.83 0.34 0.00	28.63 0.31 0.00	29.70 0.35 0.00	28.09 0.30 0.00	29.37 0.31 0.00	29.50 0.43 0.00	32.13 0.81 0.00	36.49 0.77 -0.17	40.20 0.71 -0.54	45.05 0.32 -0.87	52.30 -0.09 -2.48	58.79 -0.07 -3.84	66.67 0.13 -3.47	69.00 0.03 0.07	91.27 -0.91 -3.19	89.03 -1.19 -4.19	80.00 -1.35 -4.40	68.97 -1.19 -3.49	64.92 -1.23 -2.75	52.01 -0.31 -0.25
BARRETT___1 23545	32.84 0.54 0.00	30.62 0.56 0.00	28.25 0.53 0.00	27.57 0.43 0.00	29.83 0.34 0.00	28.63 0.31 0.00	29.70 0.35 0.00	28.09 0.30 0.00	29.37 0.31 0.00	29.50 0.43 0.00	32.13 0.81 0.00	36.49 0.77 -0.17	40.20 0.71 -0.54	45.05 0.32 -0.87	52.30 -0.09 -2.48	58.79 -0.07 -3.84	66.67 0.13 -3.47	69.00 0.03 0.07	91.27 -0.91 -3.19	89.03 -1.19 -4.19	80.00 -1.35 -4.40	68.97 -1.19 -3.49	64.92 -1.23 -2.75	52.01 -0.31 -0.25
BARRETT___2 23546	32.84 0.54 0.00	30.62 0.56 0.00	28.25 0.53 0.00	27.57 0.43 0.00	29.83 0.34 0.00	28.63 0.31 0.00	29.70 0.35 0.00	28.09 0.30 0.00	29.37 0.31 0.00	29.50 0.43 0.00	32.13 0.81 0.00	36.49 0.77 -0.17	40.20 0.71 -0.54	45.05 0.32 -0.87	52.30 -0.09 -2.48	58.79 -0.07 -3.84	66.67 0.13 -3.47	69.00 0.03 0.07	91.27 -0.91 -3.19	89.03 -1.19 -4.19	80.00 -1.35 -4.40	68.97 -1.19 -3.49	64.92 -1.23 -2.75	52.01 -0.31 -0.25
BATAVIA___115KV_TB1 55881	33.96 1.66 0.00	31.41 1.36 0.00	28.33 0.61 0.00	27.43 0.29 0.00	29.76 0.27 0.00	28.59 0.27 0.00	30.01 0.65 0.00	28.60 0.81 0.00	30.47 1.41 0.00	30.67 1.60 0.00	33.43 2.11 0.00	38.24 2.69 0.00	42.24 3.29 0.00	48.66 4.79 -0.01	55.23 5.32 0.00	60.73 5.71 0.00	69.12 6.03 0.00	75.93 6.90 0.00	97.22 8.22 0.00	94.96 8.93 0.00	84.89 7.95 0.00	73.65 6.98 0.00	70.32 6.91 0.00	56.79 4.72 0.00
BAYONEEC___CTG1 323682	33.11 0.81 0.00	30.81 0.76 0.00	28.42 0.69 0.00	27.76 0.62 0.00	30.01 0.52 0.00	28.85 0.53 0.00	29.92 0.57 0.00	28.40 0.61 0.00	29.68 0.62 0.00	29.77 0.70 0.00	32.15 0.82 0.00	36.58 0.86 -0.17	40.35 0.85 -0.54	45.51 0.78 -0.87	51.77 0.76 -1.11	57.17 0.83 -1.32	66.18 0.95 -2.14	69.78 0.75 0.00	89.32 0.32 0.00	86.08 0.05 0.00	76.69 -0.25 0.00	66.47 -0.20 0.00	63.19 -0.21 0.00	52.52 0.34 -0.11
BAYONEEC___CTG10 323750	33.11 0.81 0.00	30.81 0.76 0.00	28.42 0.69 0.00	27.76 0.62 0.00	30.01 0.52 0.00	28.85 0.53 0.00	29.92 0.57 0.00	28.40 0.61 0.00	29.68 0.62 0.00	29.77 0.70 0.00	32.15 0.82 0.00	36.58 0.86 -0.17	40.35 0.85 -0.54	45.51 0.78 -0.87	51.77 0.76 -1.11	57.17 0.83 -1.32	66.18 0.95 -2.14	69.78 0.75 0.00	89.32 0.32 0.00	86.08 0.05 0.00	76.69 -0.25 0.00	66.47 -0.20 0.00	63.19 -0.21 0.00	52.52 0.34 -0.11
BAYONEEC___CTG2 323683	33.11 0.81 0.00	30.81 0.76 0.00	28.42 0.69 0.00	27.76 0.62 0.00	30.01 0.52 0.00	28.85 0.53 0.00	29.92 0.57 0.00	28.40 0.61 0.00	29.68 0.62 0.00	29.77 0.70 0.00	32.15 0.82 0.00	36.58 0.86 -0.17	40.35 0.85 -0.54	45.51 0.78 -0.87	51.77 0.76 -1.11	57.17 0.83 -1.32	66.18 0.95 -2.14	69.78 0.75 0.00	89.32 0.32 0.00	86.08 0.05 0.00	76.69 -0.25 0.00	66.47 -0.20 0.00	63.19 -0.21 0.00	52.52 0.34 -0.11
BAYONEEC___CTG3 323684	33.11 0.81 0.00	30.81 0.76 0.00	28.42 0.69 0.00	27.76 0.62 0.00	30.01 0.52 0.00	28.85 0.53 0.00	29.92 0.57 0.00	28.40 0.61 0.00	29.68 0.62 0.00	29.77 0.70 0.00	32.15 0.82 0.00	36.58 0.86 -0.17	40.35 0.85 -0.54	45.51 0.78 -0.87	51.77 0.76 -1.11	57.17 0.83 -1.32	66.18 0.95 -2.14	69.78 0.75 0.00	89.32 0.32 0.00	86.08 0.05 0.00	76.69 -0.25 0.00	66.47 -0.20 0.00	63.19 -0.21 0.00	52.52 0.34 -0.11
BAYONEEC___CTG4 323685	33.11 0.81 0.00	30.81 0.76 0.00	28.42 0.69 0.00	27.76 0.62 0.00	30.01 0.52 0.00	28.85 0.53 0.00	29.92 0.57 0.00	28.40 0.61 0.00	29.68 0.62 0.00	29.77 0.70 0.00	32.15 0.82 0.00	36.58 0.86 -0.17	40.35 0.85 -0.54	45.51 0.78 -0.87	51.77 0.76 -1.11	57.17 0.83 -1.32	66.18 0.95 -2.14	69.78 0.75 0.00	89.32 0.32 0.00	86.08 0.05 0.00	76.69 -0.25 0.00	66.47 -0.20 0.00	63.19 -0.21 0.00	52.52 0.34 -0.11
BAYONEEC___CTG5 323686	33.11 0.81 0.00	30.81 0.76 0.00	28.42 0.69 0.00	27.76 0.62 0.00	30.01 0.52 0.00	28.85 0.53 0.00	29.92 0.57 0.00	28.40 0.61 0.00	29.68 0.62 0.00	29.77 0.70 0.00	32.15 0.82 0.00	36.58 0.86 -0.17	40.35 0.85 -0.54	45.51 0.78 -0.87	51.77 0.76 -1.11	57.17 0.83 -1.32	66.18 0.95 -2.14	69.78 0.75 0.00	89.32 0.32 0.00	86.08 0.05 0.00	76.69 -0.25 0.00	66.47 -0.20 0.00	63.19 -0.21 0.00	52.52 0.34 -0.11
BAYONEEC___CTG6 323687	33.11 0.81 0.00	30.81 0.76 0.00	28.42 0.69 0.00	27.76 0.62 0.00	30.01 0.52 0.00	28.85 0.53 0.00	29.92 0.57 0.00	28.40 0.61 0.00	29.68 0.62 0.00	29.77 0.70 0.00	32.15 0.82 0.00	36.58 0.86 -0.17	40.35 0.85 -0.54	45.51 0.78 -0.87	51.77 0.76 -1.11	57.17 0.83 -1.32	66.18 0.95 -2.14	69.78 0.75 0.00	89.32 0.32 0.00	86.08 0.05 0.00	76.69 -0.25 0.00	66.47 -0.20 0.00	63.19 -0.21 0.00	52.52 0.34 -0.11
BAYONEEC___CTG7 323688	33.11 0.81 0.00	30.81 0.76 0.00	28.42 0.69 0.00	27.76 0.62 0.00	30.01 0.52 0.00	28.85 0.53 0.00	29.92 0.57 0.00	28.40 0.61 0.00	29.68 0.62 0.00	29.77 0.70 0.00	32.15 0.82 0.00	36.58 0.86 -0.17	40.35 0.85 -0.54	45.51 0.78 -0.87	51.77 0.76 -1.11	57.17 0.83 -1.32	66.18 0.95 -2.14	69.78 0.75 0.00	89.32 0.32 0.00	86.08 0.05 0.00	76.69 -0.25 0.00	66.47 -0.20 0.00	63.19 -0.21 0.00	52.52 0.34 -0.11

BAYONEEC___CTG8 323689	33.11 0.81 0.00	30.81 0.76 0.00	28.42 0.69 0.00	27.76 0.62 0.00	30.01 0.52 0.00	28.85 0.53 0.00	29.92 0.57 0.00	28.40 0.61 0.00	29.68 0.62 0.00	29.77 0.70 0.00	32.15 0.82 0.00	36.58 0.86 -0.17	40.35 0.85 -0.54	45.51 0.78 -0.87	51.77 0.76 -1.11	57.17 0.83 -1.32	66.18 0.95 -2.14	69.78 0.75 0.00	89.32 0.32 0.00	86.08 0.05 0.00	76.69 -0.25 0.00	66.47 -0.20 0.00	63.19 -0.21 0.00	52.52 0.34 -0.11
BAYONEEC___CTG9 323749	33.11 0.81 0.00	30.81 0.76 0.00	28.42 0.69 0.00	27.76 0.62 0.00	30.01 0.52 0.00	28.85 0.53 0.00	29.92 0.57 0.00	28.40 0.61 0.00	29.68 0.62 0.00	29.77 0.70 0.00	32.15 0.82 0.00	36.58 0.86 -0.17	40.35 0.85 -0.54	45.51 0.78 -0.87	51.77 0.76 -1.11	57.17 0.83 -1.32	66.18 0.95 -2.14	69.78 0.75 0.00	89.32 0.32 0.00	86.08 0.05 0.00	76.69 -0.25 0.00	66.47 -0.20 0.00	63.19 -0.21 0.00	52.52 0.34 -0.11
BEACON___LESR 323632	32.50 0.20 0.00	30.28 0.23 0.00	28.05 0.33 0.00	27.46 0.33 0.00	29.87 0.38 0.00	28.66 0.34 0.00	29.68 0.33 0.00	28.05 0.26 0.00	29.17 0.11 0.00	29.12 0.04 0.00	31.24 -0.08 0.00	35.01 -0.38 0.15	37.97 -0.51 0.47	42.28 -0.81 0.75	48.56 -0.39 0.95	53.95 0.07 1.13	61.66 0.42 1.85	69.57 0.54 0.00	90.21 1.22 0.00	86.85 0.82 0.00	77.62 0.67 0.00	67.09 0.42 0.00	63.67 0.27 0.00	52.30 0.33 0.09
BEAVER RIVER___HYD 24048	33.44 1.13 0.00	30.75 0.70 0.00	28.07 0.35 0.00	27.53 0.39 0.00	30.07 0.58 0.00	29.03 0.71 0.00	30.30 0.95 0.00	28.74 0.95 0.00	30.08 1.02 0.00	30.12 1.04 0.00	32.43 1.11 0.00	36.59 1.04 0.00	40.04 1.09 0.00	45.18 1.34 0.00	51.60 1.69 0.00	56.85 1.83 0.00	65.29 2.21 0.00	71.90 2.87 0.00	94.34 5.06 -0.28	92.53 6.43 -0.07	95.90 6.40 -12.55	96.86 5.55 -24.65	71.12 4.94 -2.78	55.67 3.60 0.00
BEEBEE_GT_13 23619	33.14 0.84 0.00	30.70 0.65 0.00	27.88 0.16 0.00	27.09 -0.05 0.00	29.38 -0.11 0.00	28.22 -0.10 0.00	29.49 0.14 0.00	28.06 0.27 0.00	29.78 0.72 0.00	30.06 0.99 0.00	32.78 1.45 0.00	37.55 2.00 0.00	41.47 2.52 0.00	47.36 3.49 -0.02	53.84 3.94 0.00	59.25 4.23 0.00	67.49 4.41 0.00	74.06 5.03 0.00	94.75 5.75 0.00	91.93 5.90 0.00	81.92 4.98 0.00	70.98 4.31 0.00	67.65 4.25 0.00	54.91 2.84 0.00
BENSHRST_27_KV_BENSHRST_1 355998	33.51 1.21 0.00	31.12 1.07 0.00	28.62 0.90 0.00	27.94 0.80 0.00	30.18 0.69 0.00	29.00 0.68 0.00	30.08 0.73 0.00	28.59 0.80 0.00	29.89 0.82 0.00	29.98 0.91 0.00	32.37 1.04 0.00	36.89 1.18 -0.17	40.72 1.22 -0.54	45.91 1.18 -0.87	52.20 1.19 -1.11	57.62 1.29 -1.32	66.59 1.36 -2.14	70.30 1.27 0.00	90.05 1.06 0.00	86.87 0.84 0.00	77.37 0.43 0.00	67.14 0.47 0.00	63.86 0.46 0.00	53.12 0.94 -0.11
BETHLEHEM___GRP 23843	32.07 -0.23 0.00	29.95 -0.10 0.00	27.76 0.04 0.00	27.19 0.05 0.00	29.55 0.06 0.00	28.37 0.05 0.00	29.32 -0.03 0.00	27.74 -0.05 0.00	28.85 -0.21 0.00	28.72 -0.36 0.00	30.85 -0.48 0.00	34.61 -0.79 0.14	37.50 -1.00 0.44	41.74 -1.40 0.71	47.94 -1.07 0.90	53.45 -0.50 1.07	61.03 -0.31 1.74	68.65 -0.39 0.00	89.05 0.06 0.00	86.24 0.20 0.00	77.06 0.12 0.00	66.70 0.03 0.00	63.32 -0.08 0.00	52.10 0.11 0.08
BETHLEHEM___GS1 323560	32.07 -0.23 0.00	29.95 -0.10 0.00	27.76 0.04 0.00	27.19 0.05 0.00	29.55 0.06 0.00	28.37 0.05 0.00	29.32 -0.03 0.00	27.74 -0.05 0.00	28.85 -0.21 0.00	28.72 -0.36 0.00	30.85 -0.48 0.00	34.61 -0.80 0.14	37.50 -1.00 0.44	41.74 -1.40 0.71	47.94 -1.07 0.90	53.44 -0.51 1.07	61.03 -0.31 1.74	68.65 -0.38 0.00	89.06 0.06 0.00	86.24 0.20 0.00	77.06 0.11 0.00	66.70 0.03 0.00	63.32 -0.08 0.00	52.10 0.11 0.08
BETHLEHEM___GS2 323561	32.07 -0.23 0.00	29.95 -0.10 0.00	27.76 0.04 0.00	27.19 0.05 0.00	29.55 0.06 0.00	28.37 0.05 0.00	29.32 -0.03 0.00	27.74 -0.05 0.00	28.85 -0.21 0.00	28.72 -0.36 0.00	30.85 -0.48 0.00	34.61 -0.80 0.14	37.50 -1.00 0.44	41.74 -1.40 0.71	47.94 -1.07 0.90	53.44 -0.51 1.07	61.03 -0.31 1.74	68.65 -0.38 0.00	89.06 0.06 0.00	86.24 0.20 0.00	77.06 0.11 0.00	66.70 0.03 0.00	63.32 -0.08 0.00	52.10 0.11 0.08
BETHLEHEM___GS3 323562	32.07 -0.23 0.00	29.95 -0.10 0.00	27.76 0.04 0.00	27.19 0.05 0.00	29.55 0.06 0.00	28.37 0.05 0.00	29.32 -0.03 0.00	27.74 -0.05 0.00	28.85 -0.21 0.00	28.72 -0.36 0.00	30.85 -0.48 0.00	34.61 -0.80 0.14	37.50 -1.00 0.44	41.74 -1.40 0.71	47.94 -1.07 0.90	53.44 -0.51 1.07	61.03 -0.31 1.74	68.65 -0.38 0.00	89.06 0.06 0.00	86.24 0.20 0.00	77.06 0.11 0.00	66.70 0.03 0.00	63.32 -0.08 0.00	52.10 0.11 0.08
BETHLEHEM___STEEL 23779	33.11 0.81 0.00	30.63 0.57 0.00	27.62 -0.10 0.00	26.77 -0.37 0.00	29.01 -0.48 0.00	27.90 -0.42 0.00	29.33 -0.02 0.00	27.98 0.19 0.00	29.99 0.93 0.00	30.35 1.27 0.00	33.22 1.90 0.00	38.11 2.57 0.00	42.07 3.12 -0.01	48.28 4.43 0.00	54.82 4.92 0.00	60.22 5.20 0.00	68.29 5.21 0.00	74.93 5.89 0.00	95.21 6.22 0.00	92.64 6.61 0.00	82.69 5.74 0.00	71.85 5.18 0.00	68.77 5.37 0.00	55.65 3.59 0.00
BETHLHEM_115KV_TB1 79974	32.14 -0.16 0.00	30.01 -0.05 0.00	27.81 0.09 0.00	27.24 0.10 0.00	29.61 0.12 0.00	28.42 0.10 0.00	29.38 0.03 0.00	27.79 0.00 0.00	28.92 -0.14 0.00	28.80 -0.28 0.00	30.93 -0.40 0.00	34.72 -0.69 0.13	37.64 -0.89 0.42	41.94 -1.24 0.67	48.11 -0.95 0.85	53.54 -0.47 1.01	61.13 -0.31 1.65	68.65 -0.39 0.00	88.97 -0.03 0.00	86.09 0.06 0.00	76.94 0.00 0.00	66.60 -0.07 0.00	63.24 -0.16 0.00	52.03 0.04 0.08
BETHPAGE_CC_5 323564	33.10 0.80 0.00	30.86 0.80 0.00	28.39 0.67 0.00	27.69 0.55 0.00	29.95 0.46 0.00	28.75 0.43 0.00	29.83 0.48 0.00	28.22 0.43 0.00	29.55 0.49 0.00	29.64 0.57 0.00	32.21 0.89 0.00	36.49 0.77 -0.17	40.16 0.66 -0.54	44.94 0.22 -0.87	39.17 -0.07 10.67	34.67 0.00 20.35	53.96 0.08 9.21	67.58 -0.02 1.43	50.84 -1.01 37.14	48.83 -1.27 35.92	37.75 -1.38 37.81	35.52 -1.19 29.96	38.67 -1.14 23.59	50.82 -0.21 1.04
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	33.17 0.87 0.00	30.66 0.61 0.00	27.66 -0.06 0.00	26.81 -0.32 0.00	29.06 -0.43 0.00	27.94 -0.38 0.00	29.37 0.02 0.00	28.03 0.24 0.00	30.04 0.98 0.00	30.41 1.33 0.00	33.30 1.98 0.00	38.23 2.68 0.00	42.20 3.25 0.00	48.42 4.56 -0.01	55.00 5.10 0.00	60.42 5.40 0.00	68.52 5.43 0.00	75.19 6.15 0.00	95.54 6.54 0.00	92.93 6.89 0.00	82.90 5.95 0.00	72.02 5.35 0.00	68.89 5.49 0.00	55.74 3.67 0.00
BINGHAMTON___COGEN 23790	32.41 0.11 0.00	30.10 0.04 0.00	27.65 -0.07 0.00	27.04 -0.10 0.00	29.40 -0.09 0.00	28.25 -0.06 0.00	29.36 0.01 0.00	27.75 -0.04 0.00	29.10 0.04 0.00	29.07 0.00 0.00	31.50 0.18 0.00	35.87 0.33 0.00	39.31 0.36 0.00	44.52 0.67 0.00	50.84 0.93 0.00	56.15 1.13 0.00	64.36 1.28 0.00	70.61 1.58 0.00	90.77 1.53 -0.25	87.88 1.79 -0.07	78.47 1.46 -0.06	68.01 1.25 -0.09	64.60 1.05 -0.14	52.70 0.63 0.00

BIXINCNT_115KV_LOAD 355685	32.84 0.54 0.00	30.33 0.27 0.00	27.42 -0.31 0.00	26.63 -0.51 0.00	28.83 -0.66 0.00	27.79 -0.53 0.00	29.24 -0.12 0.00	27.99 0.20 0.00	30.08 1.02 0.00	30.52 1.45 0.00	33.42 2.10 0.00	38.36 2.82 0.00	42.23 3.28 0.00	48.29 4.43 -0.01	54.92 5.01 0.00	60.38 5.36 0.00	68.48 5.40 0.00	75.08 6.05 0.00	95.38 6.38 0.00	92.81 6.77 0.00	82.80 5.85 0.00	71.90 5.23 0.00	68.62 5.21 0.00	55.49 3.43 0.00
BLACK RIVER___HYD 24047	33.74 1.44 0.00	31.02 0.96 0.00	28.25 0.53 0.00	27.66 0.52 0.00	30.25 0.76 0.00	29.26 0.94 0.00	30.56 1.21 0.00	29.01 1.22 0.00	30.40 1.34 0.00	30.31 1.24 0.00	32.68 1.35 0.00	36.76 1.22 0.00	40.22 1.28 0.00	45.52 1.67 0.00	52.06 2.15 0.00	57.50 2.48 0.00	66.05 2.96 0.00	72.97 3.93 0.00	96.51 7.04 -0.47	95.11 8.95 -0.13	94.38 8.71 -8.72	91.16 7.40 -17.09	71.96 6.47 -2.08	56.77 4.70 0.00
BLACKRVR_115KV_TB2 79977	33.74 1.44 0.00	31.02 0.96 0.00	28.25 0.53 0.00	27.66 0.52 0.00	30.25 0.76 0.00	29.26 0.94 0.00	30.57 1.21 0.00	29.01 1.22 0.00	30.40 1.34 0.00	30.31 1.24 0.00	32.68 1.35 0.00	36.76 1.22 0.00	40.23 1.28 0.00	45.52 1.67 0.00	52.06 2.15 0.00	57.50 2.48 0.00	66.05 2.96 0.00	72.97 3.93 0.00	96.51 7.04 -0.47	95.10 8.94 -0.13	94.37 8.71 -8.72	91.16 7.39 -17.09	71.96 6.48 -2.08	56.77 4.70 0.00
BLDWN_LI_69_KV_BK4 356085	33.15 0.86 0.00	30.87 0.82 0.00	28.44 0.72 0.00	27.74 0.60 0.00	30.01 0.52 0.00	28.80 0.49 0.00	29.89 0.54 0.00	28.28 0.48 0.00	29.60 0.54 0.00	29.74 0.66 0.00	32.36 1.03 0.00	36.74 1.02 -0.17	40.50 1.01 -0.54	45.42 0.70 -0.87	44.97 0.52 5.47	44.88 0.65 10.78	59.78 0.90 4.20	69.09 0.93 0.87	68.15 0.24 21.09	65.70 -0.27 20.06	55.45 -0.38 21.11	49.59 -0.34 16.73	49.80 -0.43 13.17	51.75 0.22 0.53
BLISS_WT_PWR 323608	32.72 0.42 0.00	30.20 0.15 0.00	27.30 -0.42 0.00	26.53 -0.61 0.00	28.71 -0.78 0.00	27.70 -0.62 0.00	29.13 -0.22 0.00	27.94 0.15 0.00	30.05 0.99 0.00	30.52 1.45 0.00	33.44 2.11 0.00	38.39 2.84 0.00	42.24 3.29 0.00	48.32 4.47 -0.01	54.95 5.04 0.00	60.40 5.38 0.00	68.52 5.44 0.00	75.13 6.09 0.00	95.41 6.41 0.00	92.86 6.82 0.00	82.83 5.88 0.00	71.93 5.26 0.00	68.65 5.24 0.00	55.47 3.41 0.00
BLUESTONE___WT_PWR 323821	33.77 1.47 0.00	31.30 1.25 0.00	28.75 1.03 0.00	28.13 0.99 0.00	30.57 1.08 0.00	29.41 1.09 0.00	30.54 1.18 0.00	28.82 1.03 0.00	30.12 1.06 0.00	30.06 0.99 0.00	32.53 1.20 0.00	37.07 1.52 0.00	40.65 1.70 0.00	46.03 2.18 0.00	52.48 2.57 0.00	57.93 2.91 0.00	66.86 3.78 0.00	73.64 4.60 0.00	95.08 5.87 -0.21	92.19 6.10 -0.06	82.51 5.51 -0.05	71.33 4.58 -0.08	67.50 3.97 -0.13	54.89 2.83 0.00
BLUE_CIRC_CHEM_DRP 24182	32.53 0.23 0.00	30.37 0.32 0.00	28.14 0.42 0.00	27.57 0.43 0.00	29.99 0.50 0.00	28.79 0.47 0.00	29.77 0.41 0.00	28.12 0.33 0.00	29.20 0.14 0.00	29.02 -0.05 0.00	31.14 -0.18 0.00	34.94 -0.51 0.10	37.47 -1.19 0.30	41.69 -1.68 0.48	47.63 -1.67 0.61	52.81 -1.48 0.72	60.40 -1.50 1.18	67.32 -1.71 0.00	87.29 -1.70 0.00	84.46 -1.57 0.00	75.59 -1.36 0.00	65.46 -1.21 0.00	62.18 -1.23 0.00	51.18 -0.83 0.05
BOC_GAS_DRP 24189	32.30 0.00 0.00	30.14 0.08 0.00	27.90 0.18 0.00	27.33 0.19 0.00	29.72 0.23 0.00	28.54 0.22 0.00	29.50 0.15 0.00	27.91 0.12 0.00	29.07 0.01 0.00	28.96 -0.11 0.00	31.14 -0.19 0.00	35.05 -0.40 0.09	38.10 -0.56 0.29	42.59 -0.80 0.46	48.62 -0.70 0.58	53.79 -0.53 0.69	61.48 -0.47 1.13	68.39 -0.64 0.00	88.29 -0.71 0.00	85.32 -0.71 0.00	76.25 -0.69 0.00	66.08 -0.59 0.00	62.80 -0.60 0.00	51.71 -0.30 0.05
BOONVILLE_115KV_TB1 79983	33.23 0.93 0.00	30.71 0.65 0.00	28.15 0.43 0.00	27.57 0.43 0.00	30.04 0.55 0.00	28.92 0.60 0.00	30.08 0.73 0.00	28.49 0.70 0.00	29.76 0.70 0.00	29.76 0.68 0.00	32.09 0.77 0.00	36.34 0.80 0.00	39.83 0.88 0.00	44.94 1.09 0.00	51.32 1.41 0.00	56.64 1.63 0.00	65.17 2.09 0.00	71.68 2.64 0.00	93.27 4.13 -0.14	90.82 4.76 -0.04	86.12 4.44 -4.74	79.74 3.75 -9.31	67.77 3.30 -1.07	54.46 2.40 0.00
BORALEX_4TH_BRANCH 23824	33.05 0.75 0.00	30.93 0.87 0.00	28.80 1.08 0.00	28.24 1.10 0.00	30.67 1.18 0.00	29.43 1.11 0.00	30.48 1.13 0.00	28.83 1.04 0.00	29.84 0.78 0.00	29.61 0.54 0.00	31.65 0.32 0.00	35.04 -0.14 0.37	37.53 -0.27 1.15	41.54 -0.46 1.85	47.19 -0.38 2.34	51.83 -0.41 2.78	58.29 -0.26 4.53	68.99 -0.04 0.00	89.65 0.66 0.00	86.47 0.44 0.00	77.35 0.41 0.00	66.73 0.06 0.00	63.31 -0.09 0.00	52.09 0.24 0.22
BOWLINE___1 23526	32.82 0.53 0.00	30.57 0.52 0.00	28.19 0.47 0.00	27.56 0.42 0.00	29.83 0.35 0.00	28.67 0.35 0.00	29.74 0.39 0.00	28.19 0.39 0.00	29.45 0.39 0.00	29.51 0.43 0.00	31.87 0.55 0.00	36.22 0.51 -0.16	39.88 0.42 -0.51	45.00 0.33 -0.82	51.25 0.30 -1.04	56.69 0.44 -1.24	65.67 0.58 -2.01	69.43 0.40 0.00	88.95 -0.04 0.00	85.77 -0.26 0.00	76.49 -0.46 0.00	66.27 -0.40 0.00	62.94 -0.46 0.00	52.17 0.00 -0.10
BOWLINE___2 23595	32.86 0.56 0.00	30.58 0.53 0.00	28.20 0.48 0.00	27.57 0.43 0.00	29.84 0.36 0.00	28.67 0.35 0.00	29.74 0.39 0.00	28.19 0.40 0.00	29.45 0.39 0.00	29.51 0.43 0.00	31.89 0.56 0.00	36.25 0.54 -0.16	39.94 0.48 -0.51	45.06 0.39 -0.82	51.33 0.38 -1.04	56.79 0.53 -1.24	65.77 0.67 -2.01	69.54 0.50 0.00	89.08 0.08 0.00	85.91 -0.12 0.00	76.59 -0.35 0.00	66.37 -0.30 0.00	63.04 -0.36 0.00	52.25 0.08 -0.10
BRADY___115KV_TB2 356060	33.63 1.33 0.00	31.30 1.24 0.00	28.85 1.13 0.00	28.29 1.16 0.00	30.69 1.20 0.00	29.47 1.15 0.00	30.61 1.26 0.00	28.96 1.17 0.00	30.26 1.19 0.00	30.40 1.32 0.00	32.39 1.06 0.00	36.80 1.26 0.00	40.31 1.36 0.00	45.24 1.39 0.00	51.31 1.41 0.00	56.19 1.18 0.00	64.22 1.14 0.00	70.36 1.33 0.00	90.97 1.97 0.00	88.52 2.49 0.00	119.37 3.29 -39.14	151.19 2.89 -81.63	73.41 3.04 -6.97	54.41 2.34 0.00
BRANSCOMB___SOLAR 323811	33.45 1.16 0.00	31.17 1.12 0.00	28.85 1.12 0.00	28.24 1.10 0.00	30.68 1.19 0.00	29.44 1.12 0.00	30.50 1.15 0.00	28.78 0.99 0.00	29.80 0.74 0.00	29.61 0.54 0.00	31.69 0.36 0.00	35.60 0.24 0.19	38.56 0.21 0.59	43.01 0.11 0.95	49.06 0.36 1.21	54.25 0.67 1.44	62.08 1.33 2.34	70.89 1.86 0.00	92.47 3.47 0.00	89.39 3.36 0.00	79.94 2.99 0.00	68.89 2.23 0.00	65.08 1.68 0.00	53.39 1.44 0.11
BRDGHMPT_69_KV_BK1 55812	33.71 1.41 0.00	31.35 1.29 0.00	28.77 1.04 0.00	28.01 0.87 0.00	30.26 0.76 0.00	29.01 0.69 0.00	30.16 0.81 0.00	28.55 0.76 0.00	29.98 0.92 0.00	30.20 1.12 0.00	33.03 1.70 0.00	37.41 1.69 -0.17	41.15 1.66 -0.54	46.18 1.46 -0.87	37.95 1.64 13.59	31.40 2.12 25.73	54.16 3.11 12.03	70.49 3.22 1.76	45.52 2.76 46.24	43.57 2.40 44.86	31.29 1.55 47.21	31.04 1.78 37.41	35.41 1.46 29.45	51.76 1.02 1.33

BRENTWOD_69_KV_W. BRTWOOD 56703	33.10 0.80 0.00	30.91 0.85 0.00	28.41 0.69 0.00	27.69 0.55 0.00	29.94 0.45 0.00	28.71 0.39 0.00	29.80 0.45 0.00	28.18 0.39 0.00	29.49 0.43 0.00	29.65 0.58 0.00	32.32 0.99 0.00	36.61 0.89 -0.17	40.30 0.81 -0.54	45.06 0.34 -0.87	36.67 0.07 13.30	30.00 0.18 25.20	51.90 0.57 11.75	67.78 0.47 1.73	43.23 -0.43 45.33	41.52 -0.54 43.97	29.88 -0.79 46.28	29.27 -0.73 36.67	33.72 -0.81 28.87	50.59 -0.18 1.30
BRISTLHL_115KV_TB1 79998	31.84 -0.46 0.00	29.56 -0.50 0.00	27.16 -0.57 0.00	26.54 -0.60 0.00	28.84 -0.65 0.00	27.72 -0.60 0.00	28.77 -0.59 0.00	27.25 -0.54 0.00	28.50 -0.57 0.00	28.53 -0.54 0.00	30.86 -0.47 0.00	35.08 -0.47 0.00	38.51 -0.45 0.00	43.56 -0.29 0.00	49.66 -0.25 0.00	54.76 -0.26 0.00	62.80 -0.28 0.00	68.90 -0.13 0.00	89.92 -0.20 -1.12	86.38 0.05 -0.30	77.60 -0.08 -0.74	67.32 -0.15 -0.81	64.04 -0.25 -0.89	51.72 -0.34 0.00
BROOKHAVEN___DRP 24191	32.80 0.50 0.00	30.59 0.53 0.00	28.10 0.38 0.00	27.38 0.24 0.00	29.59 0.10 0.00	28.39 0.07 0.00	29.48 0.12 0.00	27.88 0.08 0.00	29.20 0.13 0.00	29.35 0.28 0.00	32.00 0.67 0.00	36.18 0.46 -0.17	39.79 0.29 -0.54	44.53 -0.20 -0.87	35.96 -0.35 13.60	29.13 -0.14 25.75	51.42 0.38 12.04	67.40 0.12 1.76	41.67 -1.07 46.26	40.07 -1.09 44.88	28.33 -1.39 47.23	28.30 -0.94 37.43	32.96 -0.98 29.46	50.02 -0.72 1.33
BROOKLYN_NAVY_YARD 23515	33.11 0.81 0.00	30.80 0.74 0.00	28.41 0.69 0.00	27.76 0.62 0.00	30.01 0.52 0.00	28.84 0.53 0.00	29.90 0.55 0.00	28.39 0.60 0.00	29.65 0.59 0.00	29.75 0.67 0.00	32.09 0.76 0.00	36.51 0.80 -0.17	40.28 0.79 -0.54	45.43 0.71 -0.87	51.67 0.65 -1.11	57.07 0.73 -1.32	66.05 0.83 -2.14	69.63 0.60 0.00	89.14 0.14 0.00	85.88 -0.15 0.00	76.49 -0.46 0.00	66.30 -0.37 0.00	63.08 -0.33 0.00	52.43 0.26 -0.11
BROOKLYN___ARMY_DRP 323595	33.30 1.00 0.00	30.94 0.89 0.00	28.46 0.74 0.00	27.79 0.65 0.00	30.01 0.53 0.00	28.85 0.53 0.00	29.92 0.57 0.00	28.43 0.64 0.00	29.71 0.65 0.00	29.81 0.73 0.00	32.16 0.83 0.00	36.64 0.92 -0.17	40.43 0.94 -0.54	45.57 0.84 -0.87	51.81 0.79 -1.11	57.19 0.85 -1.32	66.09 0.86 -2.14	69.76 0.73 0.00	89.36 0.37 0.00	86.22 0.19 0.00	76.80 -0.15 0.00	66.66 -0.01 0.00	63.41 0.01 0.00	52.77 0.59 -0.11
BROOME_2_LFGE 323671	32.41 0.11 0.00	30.10 0.05 0.00	27.65 -0.07 0.00	27.04 -0.10 0.00	29.40 -0.09 0.00	28.25 -0.06 0.00	29.36 0.01 0.00	27.75 -0.04 0.00	29.10 0.04 0.00	29.07 0.00 0.00	31.50 0.18 0.00	35.88 0.33 0.00	39.31 0.36 0.00	44.52 0.67 0.00	50.83 0.93 0.00	56.15 1.13 0.00	64.37 1.29 0.00	70.60 1.57 0.00	90.77 1.53 -0.25	87.89 1.79 -0.07	78.47 1.47 -0.06	68.01 1.25 -0.09	64.60 1.05 -0.14	52.70 0.63 0.00
BROOME___LFGE 323600	32.41 0.11 0.00	30.10 0.05 0.00	27.65 -0.07 0.00	27.04 -0.10 0.00	29.40 -0.09 0.00	28.25 -0.06 0.00	29.36 0.01 0.00	27.75 -0.04 0.00	29.10 0.04 0.00	29.07 0.00 0.00	31.50 0.18 0.00	35.88 0.33 0.00	39.31 0.36 0.00	44.52 0.67 0.00	50.83 0.93 0.00	56.15 1.13 0.00	64.37 1.29 0.00	70.60 1.57 0.00	90.77 1.53 -0.25	87.89 1.79 -0.07	78.47 1.47 -0.06	68.01 1.25 -0.09	64.60 1.05 -0.14	52.70 0.63 0.00
BROWNFLS_115KV_TB_3_5 80003	33.40 1.10 0.00	30.88 0.82 0.00	28.31 0.59 0.00	27.75 0.61 0.00	30.21 0.72 0.00	29.11 0.79 0.00	30.31 0.95 0.00	28.73 0.94 0.00	30.09 1.03 0.00	30.19 1.12 0.00	32.40 1.08 0.00	36.66 1.12 0.00	40.13 1.18 0.00	45.19 1.34 0.00	51.43 1.53 0.00	56.51 1.49 0.00	64.75 1.67 0.00	71.13 2.10 0.00	92.69 3.50 -0.19	90.48 4.40 -0.05	104.25 4.71 -22.60	115.17 4.08 -44.42	72.06 3.82 -4.84	54.88 2.82 0.00
BROWNSV1_27_KV_LOAD 356125	33.45 1.15 0.00	31.12 1.06 0.00	28.68 0.96 0.00	28.02 0.87 0.00	30.29 0.80 0.00	29.11 0.79 0.00	30.19 0.84 0.00	28.67 0.88 0.00	29.99 0.92 0.00	30.08 1.00 0.00	32.49 1.16 0.00	36.99 1.28 -0.17	40.80 1.30 -0.54	46.04 1.31 -0.87	52.41 1.39 -1.11	57.89 1.56 -1.32	67.00 1.78 -2.14	70.69 1.66 0.00	90.50 1.50 0.00	87.20 1.17 0.00	77.68 0.73 0.00	67.32 0.65 0.00	63.97 0.57 0.00	53.12 0.95 -0.11
BURROWS___LYONSDAL 23803	33.23 0.93 0.00	30.65 0.59 0.00	28.05 0.33 0.00	27.49 0.35 0.00	29.99 0.50 0.00	28.90 0.58 0.00	30.09 0.74 0.00	28.51 0.72 0.00	29.79 0.73 0.00	29.83 0.75 0.00	32.17 0.85 0.00	36.38 0.83 0.00	39.86 0.90 0.00	44.98 1.13 0.00	51.37 1.46 0.00	56.68 1.66 0.00	65.20 2.12 0.00	71.71 2.68 0.00	93.50 4.34 -0.17	91.24 5.16 -0.04	88.12 4.90 -6.28	83.15 4.15 -12.32	68.48 3.67 -1.40	54.74 2.67 0.00
CAITHNESS_CC_1 323624	32.79 0.49 0.00	30.58 0.52 0.00	28.10 0.38 0.00	27.39 0.25 0.00	29.60 0.11 0.00	28.39 0.07 0.00	29.48 0.13 0.00	27.88 0.09 0.00	29.20 0.13 0.00	29.35 0.28 0.00	32.00 0.67 0.00	36.18 0.46 -0.17	39.77 0.28 -0.54	44.50 -0.22 -0.87	35.86 -0.44 13.61	28.99 -0.26 25.76	51.21 0.17 12.04	67.21 -0.06 1.76	41.45 -1.27 46.28	39.83 -1.30 44.90	28.12 -1.57 47.25	28.05 -1.17 37.45	32.73 -1.20 29.48	49.96 -0.78 1.33
CALPINE BETH_PAGE_GT4 24209	33.12 0.82 0.00	30.87 0.81 0.00	28.41 0.69 0.00	27.71 0.57 0.00	29.98 0.49 0.00	28.77 0.45 0.00	29.86 0.51 0.00	28.25 0.46 0.00	29.58 0.52 0.00	29.69 0.61 0.00	32.27 0.94 0.00	36.53 0.81 -0.17	40.22 0.72 -0.54	45.02 0.30 -0.87	40.62 0.07 9.36	37.23 0.17 17.95	55.23 0.10 7.95	67.73 -0.02 1.29	54.92 -0.98 33.10	52.83 -1.25 31.95	41.95 -1.36 33.63	38.84 -1.18 26.65	41.42 -1.00 20.98	50.96 -0.19 0.91
CALPINE_BETH_PAGE_GT_4 323586	33.12 0.82 0.00	30.87 0.81 0.00	28.41 0.69 0.00	27.71 0.57 0.00	29.98 0.49 0.00	28.77 0.45 0.00	29.86 0.51 0.00	28.25 0.46 0.00	29.58 0.52 0.00	29.69 0.61 0.00	32.27 0.94 0.00	36.53 0.81 -0.17	40.22 0.72 -0.54	45.03 0.30 -0.87	40.59 0.05 9.36	37.20 0.13 17.95	55.23 0.10 7.95	67.73 -0.01 1.29	54.91 -0.98 33.10	52.81 -1.27 31.95	41.93 -1.38 33.63	38.83 -1.18 26.65	41.38 -1.04 20.98	50.96 -0.19 0.91
CALPINE_BP_GT1 23823	33.12 0.82 0.00	30.87 0.81 0.00	28.41 0.69 0.00	27.71 0.57 0.00	29.98 0.49 0.00	28.77 0.45 0.00	29.86 0.51 0.00	28.25 0.46 0.00	29.58 0.52 0.00	29.69 0.61 0.00	32.27 0.94 0.00	36.53 0.81 -0.17	40.22 0.72 -0.54	45.03 0.30 -0.87	40.59 0.05 9.36	37.20 0.13 17.95	55.23 0.10 7.95	67.73 -0.01 1.29	54.91 -0.98 33.10	52.81 -1.27 31.95	41.93 -1.38 33.63	38.83 -1.18 26.65	41.38 -1.04 20.98	50.96 -0.19 0.91
CALSPAN___DRP 24200	33.11 0.81 0.00	30.63 0.57 0.00	27.62 -0.10 0.00	26.77 -0.37 0.00	29.01 -0.48 0.00	27.90 -0.42 0.00	29.33 -0.02 0.00	27.98 0.19 0.00	29.99 0.93 0.00	30.35 1.27 0.00	33.22 1.90 0.00	38.11 2.57 0.00	42.07 3.12 0.00	48.28 4.43 -0.01	54.82 4.92 0.00	60.22 5.20 0.00	68.29 5.21 0.00	74.93 5.89 0.00	95.21 6.22 0.00	92.64 6.61 0.00	82.69 5.74 0.00	71.85 5.18 0.00	68.77 5.37 0.00	55.65 3.59 0.00

CALVERTON___SOLAR 323806	32.88 0.58 0.00	30.64 0.58 0.00	28.15 0.43 0.00	27.42 0.28 0.00	29.64 0.15 0.00	28.43 0.11 0.00	29.52 0.17 0.00	27.92 0.12 0.00	29.24 0.18 0.00	29.40 0.33 0.00	32.06 0.73 0.00	36.26 0.54 -0.17	39.87 0.38 -0.54	44.65 -0.07 -0.87	36.08 -0.23 13.60	29.29 0.02 25.74	51.73 0.69 12.03	67.75 0.47 1.76	42.12 -0.63 46.25	40.44 -0.72 44.87	28.62 -1.10 47.23	28.60 -0.64 37.42	33.21 -0.74 29.46	50.18 -0.56 1.33
CANDIGU_WT_PWR 323617	32.21 -0.09 0.00	29.90 -0.16 0.00	27.17 -0.55 0.00	26.51 -0.63 0.00	28.83 -0.67 0.00	27.76 -0.56 0.00	29.06 -0.29 0.00	27.52 -0.26 0.00	29.09 0.03 0.00	29.19 0.11 0.00	31.79 0.47 0.00	36.35 0.80 0.00	39.92 0.97 0.00	45.53 1.67 0.00	51.95 2.04 0.00	57.25 2.24 0.00	65.47 2.39 0.00	71.95 2.92 0.00	92.05 2.91 -0.14	89.90 3.83 -0.04	80.45 3.47 -0.04	69.58 2.86 -0.05	66.11 2.63 -0.08	53.50 1.43 0.00
CARR STREET_E_SYR 24060	31.89 -0.41 0.00	29.59 -0.46 0.00	27.18 -0.54 0.00	26.55 -0.59 0.00	28.91 -0.58 0.00	27.81 -0.51 0.00	28.87 -0.48 0.00	27.34 -0.45 0.00	28.64 -0.42 0.00	28.66 -0.41 0.00	31.01 -0.31 0.00	35.22 -0.33 0.00	38.70 -0.25 0.00	43.79 -0.06 0.00	49.93 0.02 0.00	55.11 0.10 0.00	63.22 0.14 0.00	69.35 0.32 0.00	89.65 0.31 -0.34	86.60 0.48 -0.09	77.65 0.24 -0.47	67.24 0.12 -0.46	63.74 -0.06 -0.39	51.83 -0.24 0.00
CARTHAGE___PAPER 23857	33.79 1.49 0.00	31.07 1.02 0.00	28.34 0.61 0.00	27.77 0.63 0.00	30.35 0.86 0.00	29.32 1.01 0.00	30.62 1.26 0.00	29.04 1.25 0.00	30.40 1.34 0.00	30.35 1.27 0.00	32.65 1.33 0.00	36.80 1.25 0.00	40.24 1.29 0.00	45.45 1.60 0.00	51.93 2.02 0.00	57.33 2.31 0.00	65.82 2.74 0.00	72.65 3.61 0.00	95.85 6.45 -0.40	94.26 8.12 -0.11	95.14 7.99 -10.20	93.53 6.85 -20.02	71.82 6.07 -2.35	56.51 4.44 0.00
CASSADAGA_WT_PWR 323784	32.59 0.29 0.00	29.92 -0.13 0.00	27.09 -0.63 0.00	26.33 -0.81 0.00	28.65 -0.84 0.00	27.56 -0.76 0.00	29.14 -0.21 0.00	27.81 0.02 0.00	30.03 0.97 0.00	30.64 1.56 0.00	33.66 2.33 0.00	38.58 3.03 0.00	42.47 3.52 0.00	48.71 4.85 -0.01	55.63 5.72 0.00	61.25 6.23 0.00	69.49 6.41 0.00	76.33 7.30 0.00	96.73 7.73 0.00	94.59 8.56 0.00	84.47 7.52 0.00	73.33 6.66 0.00	69.91 6.50 0.00	56.53 4.46 0.00
CE_DUNWOOD___DRP 24194	33.02 0.73 0.00	30.75 0.69 0.00	28.35 0.63 0.00	27.71 0.57 0.00	30.00 0.51 0.00	28.81 0.49 0.00	29.88 0.53 0.00	28.33 0.54 0.00	29.59 0.53 0.00	29.66 0.58 0.00	32.04 0.71 0.00	36.44 0.72 -0.17	40.18 0.69 -0.54	45.34 0.62 -0.87	51.65 0.64 -1.10	57.10 0.77 -1.32	66.15 0.94 -2.14	69.83 0.80 0.00	89.48 0.48 0.00	86.25 0.22 0.00	76.87 -0.07 0.00	66.61 -0.06 0.00	63.26 -0.14 0.00	52.47 0.29 -0.11
CE_MILLWOOD___DRP 24193	32.97 0.67 0.00	30.69 0.64 0.00	28.30 0.58 0.00	27.66 0.52 0.00	29.95 0.46 0.00	28.78 0.46 0.00	29.83 0.48 0.00	28.29 0.50 0.00	29.54 0.48 0.00	29.60 0.52 0.00	31.97 0.64 0.00	36.36 0.64 -0.17	40.10 0.61 -0.54	45.25 0.54 -0.87	51.54 0.54 -1.10	56.99 0.67 -1.31	66.04 0.83 -2.12	69.72 0.69 0.00	89.35 0.35 0.00	86.16 0.13 0.00	76.79 -0.15 0.00	66.54 -0.13 0.00	63.19 -0.21 0.00	52.39 0.22 -0.11
CE_NYC2_DRP 24202	33.20 0.90 0.00	30.92 0.86 0.00	28.48 0.75 0.00	27.81 0.67 0.00	30.05 0.56 0.00	28.88 0.56 0.00	29.95 0.60 0.00	28.47 0.68 0.00	29.75 0.69 0.00	29.84 0.76 0.00	32.19 0.86 0.00	36.63 0.91 -0.17	40.41 0.92 -0.54	45.56 0.84 -0.87	51.82 0.80 -1.11	57.20 0.86 -1.32	66.07 0.84 -2.14	69.75 0.72 0.00	89.31 0.32 0.00	86.06 0.03 0.00	76.68 -0.26 0.00	66.47 -0.20 0.00	63.25 -0.15 0.00	52.63 0.46 -0.11
CE_NYC_DRP 24195	33.18 0.88 0.00	30.87 0.82 0.00	28.47 0.75 0.00	27.82 0.67 0.00	30.08 0.59 0.00	28.91 0.59 0.00	29.98 0.63 0.00	28.46 0.67 0.00	29.75 0.68 0.00	29.84 0.76 0.00	32.21 0.89 0.00	36.66 0.94 -0.17	40.44 0.95 -0.54	45.61 0.88 -0.87	51.92 0.90 -1.11	57.34 1.01 -1.32	66.38 1.16 -2.14	70.03 0.99 0.00	89.64 0.64 0.00	86.37 0.33 0.00	76.93 -0.01 0.00	66.67 0.00 0.00	63.37 -0.03 0.00	52.65 0.47 -0.11
CHAFFEE___LFGE 323603	33.15 0.85 0.00	30.65 0.60 0.00	27.64 -0.08 0.00	26.78 -0.36 0.00	29.03 -0.46 0.00	27.92 -0.40 0.00	29.35 -0.01 0.00	28.00 0.21 0.00	30.01 0.95 0.00	30.38 1.30 0.00	33.24 1.91 0.00	38.14 2.60 0.00	42.11 3.16 0.00	48.38 4.53 -0.01	54.93 5.02 0.00	60.35 5.34 0.00	68.44 5.36 0.00	75.16 6.12 0.00	95.52 6.52 0.00	92.95 6.91 0.00	82.94 6.00 0.00	72.05 5.38 0.00	68.90 5.50 0.00	55.71 3.64 0.00
CHATEAUG_35_KV_LOAD 355732	32.64 0.34 0.00	30.47 0.41 0.00	28.09 0.37 0.00	27.55 0.41 0.00	29.89 0.40 0.00	28.72 0.40 0.00	29.83 0.48 0.00	28.35 0.56 0.00	29.70 0.64 0.00	29.90 0.83 0.00	32.09 0.76 0.00	36.48 0.94 0.00	39.98 1.03 0.00	44.80 0.95 0.00	50.68 0.77 0.00	55.49 0.48 0.00	63.51 0.43 0.00	69.40 0.36 0.00	89.86 0.86 0.00	86.85 0.82 0.00	76.93 1.07 1.08	71.77 0.59 -4.51	62.09 0.68 1.99	52.53 0.46 0.00
CHATEAUG_WT_PWR 323614	32.62 0.32 0.00	30.44 0.39 0.00	28.07 0.35 0.00	27.53 0.38 0.00	29.86 0.37 0.00	28.69 0.37 0.00	29.80 0.45 0.00	28.32 0.53 0.00	29.70 0.63 0.00	29.90 0.83 0.00	32.10 0.77 0.00	36.48 0.94 0.00	39.98 1.03 0.00	44.79 0.94 0.00	50.69 0.78 0.00	55.49 0.48 0.00	63.51 0.43 0.00	69.40 0.37 0.00	89.86 0.86 0.00	86.73 0.69 0.00	76.60 0.84 1.19	68.21 0.40 -1.14	62.70 0.48 1.18	52.40 0.33 0.00
CHAT_HIGH_FALL_HYD 323578	32.64 0.34 0.00	30.47 0.41 0.00	28.09 0.37 0.00	27.55 0.41 0.00	29.89 0.40 0.00	28.72 0.40 0.00	29.83 0.48 0.00	28.35 0.56 0.00	29.70 0.64 0.00	29.90 0.83 0.00	32.09 0.76 0.00	36.48 0.94 0.00	39.98 1.03 0.00	44.80 0.95 0.00	50.68 0.77 0.00	55.49 0.48 0.00	63.51 0.43 0.00	69.40 0.36 0.00	89.86 0.86 0.00	86.85 0.82 0.00	76.93 1.07 1.08	71.77 0.59 -4.51	62.09 0.68 1.99	52.53 0.46 0.00
CHAUTAUQUA___LFGE 323629	32.76 0.46 0.00	30.16 0.10 0.00	27.26 -0.46 0.00	26.48 -0.66 0.00	28.76 -0.73 0.00	27.66 -0.66 0.00	29.16 -0.19 0.00	27.76 -0.03 0.00	29.83 0.77 0.00	30.20 1.12 0.00	33.12 1.79 0.00	38.06 2.52 0.00	41.88 2.93 0.00	48.07 4.21 -0.01	54.84 4.93 0.00	60.40 5.38 0.00	68.46 5.38 0.00	75.21 6.18 0.00	95.29 6.29 0.00	93.16 7.13 0.00	83.26 6.31 0.00	72.34 5.67 0.00	69.04 5.63 0.00	55.88 3.81 0.00
CHERRYST_13_KV_LD 356241	33.27 0.97 0.00	30.95 0.90 0.00	28.54 0.82 0.00	27.88 0.74 0.00	30.16 0.67 0.00	28.99 0.67 0.00	30.06 0.71 0.00	28.54 0.75 0.00	29.84 0.78 0.00	29.94 0.86 0.00	32.33 1.01 0.00	36.79 1.07 -0.17	40.59 1.10 -0.54	45.78 1.05 -0.87	52.12 1.10 -1.11	57.56 1.23 -1.32	66.63 1.41 -2.14	70.28 1.25 0.00	89.96 0.97 0.00	86.68 0.65 0.00	77.20 0.25 0.00	66.90 0.23 0.00	63.57 0.17 0.00	52.81 0.63 -0.11

CHESTROR_138KV_BK263 355645	32.82 0.52 0.00	30.53 0.48 0.00	28.15 0.43 0.00	27.54 0.40 0.00	29.83 0.35 0.00	28.67 0.35 0.00	29.71 0.36 0.00	28.14 0.35 0.00	29.39 0.33 0.00	29.41 0.34 0.00	31.75 0.42 0.00	36.10 0.41 -0.15	39.79 0.38 -0.46	44.89 0.30 -0.74	51.16 0.32 -0.94	56.61 0.48 -1.12	65.55 0.65 -1.82	69.59 0.55 0.00	89.30 0.30 0.00	86.20 0.17 0.00	76.86 -0.08 0.00	66.59 -0.08 0.00	63.24 -0.16 0.00	52.32 0.15 -0.09
CH_MIDHUDSON___DRP 24192	32.96 0.66 0.00	30.68 0.63 0.00	28.32 0.60 0.00	27.69 0.55 0.00	30.02 0.53 0.00	28.84 0.52 0.00	29.88 0.53 0.00	28.33 0.53 0.00	29.56 0.50 0.00	29.56 0.48 0.00	31.91 0.58 0.00	36.24 0.57 -0.12	39.88 0.55 -0.38	44.98 0.51 -0.62	51.28 0.59 -0.78	56.70 0.75 -0.93	65.60 1.00 -1.52	70.05 1.02 0.00	89.93 0.93 0.00	86.68 0.65 0.00	77.27 0.32 0.00	66.90 0.22 0.00	63.48 0.08 0.00	52.49 0.34 -0.08
CH_MISC_IPPS 23765	33.20 0.90 0.00	30.88 0.83 0.00	28.48 0.76 0.00	27.85 0.71 0.00	30.18 0.69 0.00	28.99 0.67 0.00	30.05 0.70 0.00	28.49 0.70 0.00	29.74 0.68 0.00	29.77 0.69 0.00	32.16 0.84 0.00	36.57 0.89 -0.14	40.30 0.93 -0.42	45.47 0.94 -0.68	51.86 1.09 -0.86	57.40 1.35 -1.03	66.43 1.68 -1.67	70.81 1.77 0.00	90.84 1.85 0.00	87.57 1.54 0.00	78.03 1.09 0.00	67.53 0.87 0.00	64.05 0.65 0.00	52.91 0.76 -0.09
CH_RES_BVR_FALLS 23983	32.21 -0.08 0.00	29.93 -0.12 0.00	27.61 -0.11 0.00	27.08 -0.06 0.00	29.42 -0.07 0.00	28.25 -0.07 0.00	29.32 -0.03 0.00	27.79 0.00 0.00	29.11 0.05 0.00	29.22 0.14 0.00	31.45 0.13 0.00	35.73 0.18 0.00	39.13 0.19 0.00	44.02 0.17 0.00	50.02 0.11 0.00	55.04 0.02 0.00	63.05 -0.03 0.00	68.97 -0.06 0.00	89.01 0.01 0.00	86.02 -0.02 0.00	76.55 0.06 0.45	66.36 0.09 0.40	63.34 0.17 0.23	52.19 0.12 0.00
CH_RES_NIAGARA 23895	32.50 0.20 0.00	30.15 0.09 0.00	27.12 -0.60 0.00	26.25 -0.90 0.00	28.47 -1.03 0.00	27.34 -0.98 0.00	28.76 -0.59 0.00	27.47 -0.32 0.00	29.50 0.44 0.00	29.89 0.81 0.00	32.65 1.32 0.00	37.18 1.64 0.00	41.06 2.10 0.00	47.18 3.33 -0.01	53.40 3.50 0.00	58.49 3.48 0.00	66.12 3.04 0.00	72.45 3.42 0.00	91.95 2.96 0.00	89.37 3.34 0.00	79.97 3.02 0.00	69.63 2.96 0.00	67.18 3.78 0.00	54.52 2.45 0.00
CH_RES_SYRACUSE 23985	32.25 -0.05 0.00	29.91 -0.14 0.00	27.46 -0.26 0.00	26.84 -0.30 0.00	29.17 -0.32 0.00	28.04 -0.28 0.00	29.12 -0.24 0.00	27.57 -0.22 0.00	28.86 -0.20 0.00	28.87 -0.21 0.00	31.24 -0.09 0.00	35.54 -0.01 0.00	39.05 0.10 0.00	44.23 0.38 0.00	50.44 0.53 0.00	55.67 0.66 0.00	63.87 0.79 0.00	70.10 1.07 0.00	90.89 1.28 -0.62	87.59 1.39 -0.16	78.57 1.13 -0.49	68.03 0.85 -0.52	64.60 0.67 -0.53	52.40 0.34 0.00
CLINTON_WT_PWR 323605	32.62 0.32 0.00	30.44 0.39 0.00	28.07 0.35 0.00	27.53 0.38 0.00	29.86 0.37 0.00	28.69 0.37 0.00	29.80 0.45 0.00	28.32 0.53 0.00	29.70 0.63 0.00	29.90 0.83 0.00	32.10 0.77 0.00	36.48 0.94 0.00	39.98 1.03 0.00	44.79 0.94 0.00	50.69 0.78 0.00	55.49 0.48 0.00	63.51 0.43 0.00	69.40 0.37 0.00	89.86 0.86 0.00	86.73 0.69 0.00	76.60 0.84 1.19	68.21 0.40 -1.14	62.70 0.48 1.18	52.40 0.33 0.00
CLINTON___LFGE 323618	33.09 0.79 0.00	30.89 0.83 0.00	28.47 0.74 0.00	27.89 0.75 0.00	30.26 0.77 0.00	29.06 0.74 0.00	30.18 0.83 0.00	28.68 0.89 0.00	30.03 0.97 0.00	30.21 1.13 0.00	32.43 1.11 0.00	36.87 1.32 0.00	40.39 1.45 0.00	45.20 1.35 0.00	51.11 1.20 0.00	55.89 0.87 0.00	64.03 0.95 0.00	69.95 0.92 0.00	90.84 1.84 0.00	87.69 1.66 0.00	77.63 1.84 1.16	69.83 1.13 -2.03	63.11 1.10 1.39	52.94 0.88 0.00
COBBLENY_34_KV_TB1 80064	33.15 0.85 0.00	30.65 0.60 0.00	27.64 -0.08 0.00	26.79 -0.36 0.00	29.03 -0.46 0.00	27.92 -0.40 0.00	29.35 -0.01 0.00	28.00 0.21 0.00	30.01 0.95 0.00	30.38 1.30 0.00	33.24 1.91 0.00	38.15 2.60 0.00	42.11 3.16 0.00	48.36 4.51 -0.01	54.93 5.02 0.00	60.36 5.34 0.00	68.44 5.36 0.00	75.16 6.12 0.00	95.53 6.53 0.00	92.93 6.90 0.00	82.92 5.98 0.00	72.03 5.36 0.00	68.89 5.49 0.00	55.71 3.64 0.00
COFFEEN___115KV_TB3 355620	34.05 1.75 0.00	31.31 1.25 0.00	28.51 0.78 0.00	27.91 0.77 0.00	30.50 1.01 0.00	29.49 1.17 0.00	30.80 1.45 0.00	29.23 1.44 0.00	30.62 1.56 0.00	30.46 1.38 0.00	32.83 1.50 0.00	36.88 1.33 0.00	40.35 1.39 0.00	45.68 1.83 0.00	52.25 2.34 0.00	57.74 2.73 0.00	66.35 3.26 0.00	73.37 4.34 0.00	97.32 7.84 -0.49	96.13 9.97 -0.13	95.06 9.66 -8.46	91.44 8.20 -16.58	72.57 7.14 -2.03	57.27 5.20 0.00
COLDSPRG_115KV_BK1 355956	33.19 0.89 0.00	30.60 0.54 0.00	27.72 0.00 0.00	26.98 -0.16 0.00	29.26 -0.23 0.00	28.13 -0.19 0.00	29.67 0.32 0.00	28.27 0.48 0.00	30.34 1.27 0.00	30.77 1.70 0.00	33.74 2.41 0.00	38.74 3.20 0.00	42.59 3.64 0.00	48.70 4.84 -0.01	55.58 5.68 0.00	61.19 6.17 0.00	69.50 6.42 0.00	76.20 7.17 0.00	96.69 7.69 0.00	94.38 8.35 0.00	84.23 7.29 0.00	73.10 6.44 0.00	69.58 6.17 0.00	56.32 4.25 0.00
COLONIE_LFGE___ 323577	32.86 0.56 0.00	30.69 0.63 0.00	28.45 0.73 0.00	27.86 0.72 0.00	30.27 0.77 0.00	29.05 0.73 0.00	30.08 0.73 0.00	28.44 0.65 0.00	29.52 0.46 0.00	29.38 0.30 0.00	31.50 0.17 0.00	35.26 -0.07 0.22	38.11 -0.15 0.69	42.42 -0.31 1.11	48.36 -0.14 1.41	53.38 0.04 1.68	60.72 0.37 2.73	69.55 0.52 0.00	90.28 1.28 0.00	87.19 1.16 0.00	77.93 0.99 0.00	67.31 0.64 0.00	63.83 0.42 0.00	52.45 0.51 0.13
COOPERNY_115KV_TB1 80082	32.67 0.37 0.00	30.39 0.33 0.00	28.03 0.30 0.00	27.42 0.28 0.00	29.74 0.25 0.00	28.58 0.26 0.00	29.61 0.26 0.00	28.03 0.24 0.00	29.29 0.23 0.00	29.31 0.23 0.00	31.64 0.31 0.00	35.96 0.32 -0.10	39.56 0.29 -0.32	44.60 0.24 -0.51	50.81 0.26 -0.64	56.16 0.37 -0.76	64.83 0.50 -1.25	69.48 0.45 0.00	89.22 0.22 0.00	86.11 0.08 0.00	76.89 -0.06 0.00	66.62 -0.05 0.00	63.33 -0.07 0.00	52.25 0.12 -0.07
COPENHAGEN_WT_PWR 323753	33.30 1.00 0.00	30.58 0.52 0.00	27.81 0.09 0.00	27.24 0.10 0.00	29.83 0.34 0.00	28.89 0.57 0.00	30.21 0.86 0.00	28.70 0.90 0.00	30.12 1.06 0.00	30.12 1.05 0.00	32.49 1.16 0.00	36.57 1.03 0.00	40.01 1.06 0.00	45.29 1.44 0.00	51.79 1.88 0.00	57.18 2.16 0.00	65.65 2.57 0.00	72.45 3.42 0.00	95.76 6.25 -0.51	94.19 8.02 -0.13	92.78 7.84 -7.99	89.01 6.68 -15.66	71.18 5.83 -1.95	56.29 4.22 0.00
CORNELL_____ 23752	32.93 0.63 0.00	30.51 0.45 0.00	28.00 0.27 0.00	27.36 0.22 0.00	29.73 0.24 0.00	28.60 0.27 0.00	29.72 0.37 0.00	28.09 0.30 0.00	29.33 0.27 0.00	29.19 0.12 0.00	31.53 0.21 0.00	35.85 0.30 0.00	39.35 0.40 0.00	44.60 0.75 0.00	50.89 0.98 0.00	56.23 1.21 0.00	64.66 1.57 0.00	71.19 2.16 0.00	92.33 3.00 -0.34	89.70 3.58 -0.09	80.31 3.28 -0.08	69.51 2.72 -0.12	65.91 2.31 -0.20	53.60 1.53 0.00

CORONA__69_KV_TB1 355595	33.18 0.88 0.00	30.91 0.85 0.00	28.47 0.75 0.00	27.78 0.64 0.00	30.06 0.57 0.00	28.86 0.54 0.00	29.95 0.59 0.00	28.35 0.56 0.00	29.66 0.60 0.00	29.80 0.73 0.00	32.40 1.07 0.00	36.80 1.08 -0.17	40.55 1.06 -0.54	45.55 0.83 -0.87	51.71 0.69 -1.11	57.15 0.82 -1.32	66.34 1.12 -2.14	69.98 1.12 0.17	88.69 0.53 0.83	86.28 0.25 0.00	76.84 -0.10 0.00	66.53 -0.13 0.00	63.11 -0.29 0.00	52.52 0.34 -0.11
CORTLAND__115KV_TB3 80093	32.59 0.29 0.00	30.24 0.18 0.00	27.78 0.05 0.00	27.16 0.02 0.00	29.53 0.04 0.00	28.38 0.06 0.00	29.47 0.12 0.00	27.87 0.08 0.00	29.13 0.07 0.00	29.06 -0.02 0.00	31.42 0.09 0.00	35.72 0.18 0.00	39.20 0.25 0.00	44.36 0.51 0.00	50.63 0.72 0.00	55.92 0.90 0.00	64.23 1.15 0.00	70.56 1.53 0.00	91.31 1.95 -0.35	88.47 2.35 -0.09	79.09 2.06 -0.09	68.49 1.70 -0.13	65.00 1.39 -0.21	52.94 0.87 0.00
COXSACKIE__GT 23611	33.69 1.39 0.00	31.39 1.33 0.00	29.02 1.29 0.00	28.40 1.26 0.00	30.87 1.38 0.00	29.63 1.31 0.00	30.67 1.32 0.00	29.01 1.22 0.00	29.97 0.91 0.00	29.51 0.43 0.00	31.60 0.27 0.00	35.55 0.07 0.07	38.71 -0.03 0.21	43.36 -0.14 0.34	49.77 0.29 0.43	55.50 1.00 0.52	63.76 1.51 0.84	71.10 2.07 0.00	93.27 4.27 0.00	90.97 4.93 0.00	81.50 4.55 0.00	70.34 3.67 0.00	66.50 3.09 0.00	54.40 2.37 0.04
CPV_VALLEY__CC1 323721	32.61 0.31 0.00	30.35 0.29 0.00	27.98 0.26 0.00	27.37 0.23 0.00	29.67 0.18 0.00	28.50 0.18 0.00	29.54 0.19 0.00	27.99 0.20 0.00	29.22 0.16 0.00	29.25 0.18 0.00	31.59 0.26 0.00	35.90 0.22 -0.13	39.53 0.17 -0.41	44.56 0.05 -0.66	50.77 0.03 -0.84	56.13 0.12 -0.99	64.92 0.22 -1.62	69.10 0.07 0.00	88.67 -0.33 0.00	85.56 -0.47 0.00	76.33 -0.61 0.00	66.14 -0.53 0.00	62.83 -0.57 0.00	51.96 -0.19 -0.08
CPV_VALLEY__CC2 323722	32.61 0.31 0.00	30.35 0.29 0.00	27.98 0.26 0.00	27.37 0.23 0.00	29.67 0.18 0.00	28.50 0.18 0.00	29.54 0.19 0.00	27.99 0.20 0.00	29.22 0.16 0.00	29.25 0.18 0.00	31.59 0.26 0.00	35.90 0.22 -0.13	39.53 0.17 -0.41	44.56 0.05 -0.66	50.77 0.03 -0.84	56.13 0.12 -0.99	64.92 0.22 -1.62	69.10 0.07 0.00	88.67 -0.33 0.00	85.56 -0.47 0.00	76.33 -0.61 0.00	66.14 -0.53 0.00	62.83 -0.57 0.00	51.96 -0.19 -0.08
CRESCENT__HYD 24018	32.86 0.56 0.00	30.69 0.63 0.00	28.45 0.73 0.00	27.86 0.72 0.00	30.27 0.77 0.00	29.05 0.73 0.00	30.08 0.73 0.00	28.44 0.65 0.00	29.52 0.46 0.00	29.38 0.30 0.00	31.50 0.17 0.00	35.26 -0.07 0.22	38.11 -0.15 0.69	42.42 -0.31 1.11	48.36 -0.14 1.41	53.38 0.04 1.68	60.72 0.37 2.73	69.55 0.52 0.00	90.28 1.28 0.00	87.19 1.16 0.00	77.93 0.99 0.00	67.31 0.64 0.00	63.83 0.42 0.00	52.45 0.51 0.13
CRICKET__VALLEY_CC1 323756	32.46 0.16 0.00	30.26 0.20 0.00	27.97 0.25 0.00	27.37 0.23 0.00	29.68 0.19 0.00	28.50 0.18 0.00	29.52 0.16 0.00	28.01 0.21 0.00	29.16 0.10 0.00	29.13 0.05 0.00	31.39 0.06 0.00	33.12 -0.10 2.32	31.51 -0.21 7.23	31.84 -0.39 11.63	34.74 -0.45 14.72	37.08 -0.42 17.51	34.19 -0.39 28.51	68.65 -0.38 0.00	88.27 -0.73 0.00	85.09 -0.94 0.00	75.87 -1.08 0.00	65.67 -1.00 0.00	62.32 -1.09 0.00	50.06 -0.58 1.43
CRICKET__VALLEY_CC2 323757	32.46 0.16 0.00	30.26 0.20 0.00	27.97 0.25 0.00	27.37 0.23 0.00	29.68 0.19 0.00	28.50 0.18 0.00	29.52 0.16 0.00	28.01 0.21 0.00	29.16 0.10 0.00	29.13 0.05 0.00	31.39 0.06 0.00	33.12 -0.10 2.32	31.51 -0.21 7.23	31.84 -0.39 11.63	34.74 -0.45 14.72	37.08 -0.42 17.51	34.19 -0.39 28.51	68.65 -0.38 0.00	88.27 -0.73 0.00	85.09 -0.94 0.00	75.87 -1.08 0.00	65.67 -1.00 0.00	62.32 -1.09 0.00	50.06 -0.58 1.43
CRICKET__VALLEY_CC3 323758	32.46 0.16 0.00	30.26 0.20 0.00	27.97 0.25 0.00	27.37 0.23 0.00	29.68 0.19 0.00	28.50 0.18 0.00	29.52 0.16 0.00	28.01 0.21 0.00	29.16 0.10 0.00	29.13 0.05 0.00	31.39 0.06 0.00	33.12 -0.10 2.32	31.51 -0.21 7.23	31.84 -0.39 11.63	34.74 -0.45 14.72	37.08 -0.42 17.51	34.19 -0.39 28.51	68.65 -0.38 0.00	88.27 -0.73 0.00	85.09 -0.94 0.00	75.87 -1.08 0.00	65.67 -1.00 0.00	62.32 -1.09 0.00	50.06 -0.58 1.43
CRUCIBLE__METL_DRP 24180	32.25 -0.05 0.00	29.91 -0.15 0.00	27.47 -0.26 0.00	26.84 -0.30 0.00	29.17 -0.32 0.00	28.04 -0.28 0.00	29.12 -0.24 0.00	27.57 -0.22 0.00	28.86 -0.20 0.00	28.87 -0.21 0.00	31.24 -0.09 0.00	35.54 -0.01 0.00	39.05 0.10 0.00	44.22 0.37 0.00	50.44 0.53 0.00	55.67 0.65 0.00	63.87 0.79 0.00	70.10 1.07 0.00	90.89 1.28 -0.62	87.59 1.39 -0.16	78.57 1.14 -0.49	68.03 0.85 -0.52	64.60 0.66 -0.53	52.40 0.33 0.00
DAHOWA__HYDRO 323763	33.66 1.36 0.00	31.35 1.29 0.00	28.99 1.28 0.00	28.38 1.24 0.00	30.83 1.34 0.00	29.59 1.27 0.00	30.67 1.32 0.00	28.92 1.13 0.00	29.95 0.89 0.00	29.76 0.69 0.00	31.82 0.49 0.00	35.78 0.42 0.18	38.78 0.40 0.57	43.25 0.31 0.92	49.37 0.62 1.16	54.62 0.99 1.38	62.61 1.78 2.25	71.44 2.41 0.00	93.28 4.28 0.00	90.14 4.11 0.00	80.62 3.67 0.00	69.40 2.73 0.00	65.47 2.07 0.00	53.70 1.73 0.11
DANC__LFGE 323619	32.77 0.47 0.00	30.22 0.17 0.00	27.59 -0.13 0.00	27.00 -0.14 0.00	29.48 -0.01 0.00	28.47 0.15 0.00	29.68 0.33 0.00	28.16 0.37 0.00	29.52 0.46 0.00	29.52 0.44 0.00	31.86 0.53 0.00	35.99 0.44 0.00	39.42 0.46 0.00	44.60 0.75 0.00	50.95 1.04 0.00	56.20 1.18 0.00	64.47 1.39 0.00	70.95 1.92 0.00	93.27 3.64 -0.64	91.12 4.92 -0.17	87.22 4.83 -5.44	81.42 4.12 -10.63	68.44 3.55 -1.48	54.56 2.50 0.00
DANSKAMMER__1 23586	33.20 0.90 0.00	30.88 0.83 0.00	28.48 0.76 0.00	27.85 0.71 0.00	30.18 0.69 0.00	28.99 0.67 0.00	30.05 0.70 0.00	28.49 0.70 0.00	29.74 0.68 0.00	29.77 0.69 0.00	32.16 0.84 0.00	36.57 0.89 -0.14	40.30 0.93 -0.42	45.47 0.94 -0.68	51.86 1.09 -0.86	57.40 1.35 -1.03	66.43 1.68 -1.67	70.81 1.77 0.00	90.84 1.85 0.00	87.57 1.54 0.00	78.03 1.09 0.00	67.53 0.87 0.00	64.05 0.65 0.00	52.91 0.76 -0.09
DANSKAMMER__2 23589	33.20 0.90 0.00	30.88 0.83 0.00	28.48 0.76 0.00	27.85 0.71 0.00	30.18 0.69 0.00	28.99 0.67 0.00	30.05 0.70 0.00	28.49 0.70 0.00	29.74 0.68 0.00	29.77 0.69 0.00	32.16 0.84 0.00	36.57 0.89 -0.14	40.30 0.93 -0.42	45.47 0.94 -0.68	51.86 1.09 -0.86	57.40 1.35 -1.03	66.43 1.68 -1.67	70.81 1.77 0.00	90.84 1.85 0.00	87.57 1.54 0.00	78.03 1.09 0.00	67.53 0.87 0.00	64.05 0.65 0.00	52.91 0.76 -0.09
DANSKAMMER__3 23590	33.20 0.90 0.00	30.88 0.83 0.00	28.48 0.76 0.00	27.85 0.71 0.00	30.18 0.69 0.00	28.99 0.67 0.00	30.05 0.70 0.00	28.49 0.70 0.00	29.74 0.68 0.00	29.77 0.69 0.00	32.16 0.84 0.00	36.57 0.89 -0.14	40.30 0.93 -0.42	45.47 0.94 -0.68	51.86 1.09 -0.86	57.40 1.35 -1.03	66.43 1.68 -1.67	70.81 1.77 0.00	90.84 1.85 0.00	87.57 1.54 0.00	78.03 1.09 0.00	67.53 0.87 0.00	64.05 0.65 0.00	52.91 0.76 -0.09

DANSKAMMER___4 23591	33.20 0.90 0.00	30.88 0.83 0.00	28.48 0.76 0.00	27.85 0.71 0.00	30.18 0.69 0.00	28.99 0.67 0.00	30.05 0.70 0.00	28.49 0.70 0.00	29.74 0.68 0.00	29.77 0.69 0.00	32.16 0.84 0.00	36.57 0.89 -0.14	40.30 0.93 -0.42	45.47 0.94 -0.68	51.86 1.09 -0.86	57.40 1.35 -1.03	66.43 1.68 -1.67	70.81 1.77 0.00	90.84 1.85 0.00	87.57 1.54 0.00	78.03 1.09 0.00	67.53 0.87 0.00	64.05 0.65 0.00	52.91 0.76 -0.09
DANSKAMMER___DIESEL 23592	33.20 0.90 0.00	30.88 0.83 0.00	28.49 0.77 0.00	27.85 0.71 0.00	30.18 0.69 0.00	28.99 0.67 0.00	30.05 0.70 0.00	28.49 0.70 0.00	29.74 0.68 0.00	29.77 0.69 0.00	32.16 0.84 0.00	36.57 0.89 -0.14	40.30 0.93 -0.42	45.47 0.94 -0.68	51.86 1.09 -0.86	57.39 1.35 -1.03	66.42 1.67 -1.67	70.81 1.78 0.00	90.85 1.85 0.00	87.57 1.54 0.00	78.04 1.09 0.00	67.53 0.87 0.00	64.06 0.65 0.00	52.91 0.75 -0.09
DARBY___SOLAR 323810	33.46 1.17 0.00	31.18 1.13 0.00	28.85 1.13 0.00	28.24 1.10 0.00	30.68 1.19 0.00	29.44 1.12 0.00	30.51 1.15 0.00	28.78 0.99 0.00	29.81 0.75 0.00	29.63 0.56 0.00	31.71 0.38 0.00	35.62 0.27 0.19	38.59 0.23 0.59	43.03 0.13 0.95	49.10 0.40 1.21	54.31 0.72 1.44	62.17 1.42 2.33	70.99 1.95 0.00	92.56 3.56 0.00	89.48 3.44 0.00	80.01 3.07 0.00	68.93 2.26 0.00	65.09 1.69 0.00	53.41 1.46 0.11
DASHVILLE___HYD 23610	32.74 0.44 0.00	30.46 0.41 0.00	28.12 0.39 0.00	27.50 0.36 0.00	29.82 0.34 0.00	28.64 0.33 0.00	29.67 0.32 0.00	28.12 0.33 0.00	29.36 0.31 0.00	29.37 0.30 0.00	31.72 0.39 0.00	36.05 0.42 -0.08	39.70 0.50 -0.25	44.71 0.46 -0.40	50.84 0.43 -0.51	56.24 0.62 -0.60	64.79 0.73 -0.98	69.65 0.62 0.00	89.37 0.38 0.00	86.15 0.12 0.00	76.84 -0.11 0.00	66.54 -0.12 0.00	63.19 -0.21 0.00	52.19 0.07 -0.05
DELAWARE___LFGE 323621	32.82 0.51 0.00	30.51 0.45 0.00	28.15 0.43 0.00	27.55 0.40 0.00	29.99 0.50 0.00	28.81 0.49 0.00	29.81 0.46 0.00	28.17 0.38 0.00	29.46 0.40 0.00	29.43 0.36 0.00	31.81 0.49 0.00	36.13 0.58 0.00	39.57 0.62 0.00	44.60 0.75 0.00	50.80 0.89 0.00	56.04 1.02 0.00	64.35 1.26 0.00	70.32 1.29 0.00	90.50 1.38 -0.12	87.36 1.29 -0.03	78.06 1.09 -0.03	67.71 1.00 -0.04	64.38 0.91 -0.07	52.82 0.75 0.00
DERFIELD_115KV_TB7 355931	32.27 -0.03 0.00	30.03 -0.03 0.00	27.72 -0.01 0.00	27.14 0.00 0.00	29.49 0.00 0.00	28.32 0.00 0.00	29.33 -0.02 0.00	27.74 -0.05 0.00	28.97 -0.09 0.00	28.96 -0.12 0.00	31.20 -0.12 0.00	35.38 -0.17 0.00	38.76 -0.20 0.00	43.63 -0.21 0.00	49.72 -0.19 0.00	54.88 -0.14 0.00	62.97 -0.11 0.00	68.95 -0.09 0.00	88.96 -0.04 0.00	86.03 0.00 0.00	76.92 -0.03 0.00	66.62 -0.05 0.00	63.30 -0.11 0.00	52.00 -0.07 0.00
DOGLEVILLE___HYD 23807	32.96 0.66 0.00	30.70 0.65 0.00	28.45 0.73 0.00	27.85 0.71 0.00	30.26 0.77 0.00	29.04 0.72 0.00	29.94 0.59 0.00	28.16 0.37 0.00	28.78 -0.28 0.00	28.32 -0.76 0.00	30.31 -1.02 0.00	34.11 -1.44 0.00	37.39 -1.56 0.00	42.01 -1.84 0.00	48.25 -1.66 0.00	53.76 -1.26 0.00	62.08 -1.00 0.00	68.70 -0.33 0.00	90.20 1.20 0.00	88.25 2.22 0.00	78.98 2.04 0.00	68.08 1.42 0.00	64.28 0.88 0.00	52.82 0.75 0.00
DUNKIRK___115KV_TB_200 55889	32.77 0.47 0.00	30.18 0.12 0.00	27.28 -0.44 0.00	26.50 -0.64 0.00	28.78 -0.71 0.00	27.67 -0.65 0.00	29.16 -0.19 0.00	27.75 -0.04 0.00	29.80 0.73 0.00	30.12 1.05 0.00	33.04 1.71 0.00	37.98 2.44 0.00	41.80 2.85 0.00	47.96 4.11 -0.01	54.72 4.81 0.00	60.26 5.24 0.00	68.33 5.24 0.00	75.04 6.01 0.00	95.10 6.11 0.00	92.93 6.90 0.00	83.04 6.10 0.00	72.15 5.48 0.00	68.87 5.47 0.00	55.75 3.69 0.00
DUNKIRK___1 23563	32.77 0.47 0.00	30.18 0.12 0.00	27.28 -0.44 0.00	26.50 -0.64 0.00	28.78 -0.71 0.00	27.67 -0.65 0.00	29.16 -0.19 0.00	27.75 -0.04 0.00	29.80 0.73 0.00	30.12 1.05 0.00	33.04 1.71 0.00	37.98 2.44 0.00	41.80 2.85 0.00	47.96 4.11 -0.01	54.72 4.81 0.00	60.26 5.24 0.00	68.33 5.24 0.00	75.04 6.01 0.00	95.10 6.11 0.00	92.93 6.90 0.00	83.04 6.10 0.00	72.15 5.48 0.00	68.87 5.47 0.00	55.75 3.69 0.00
DUNKIRK___2 23564	32.77 0.47 0.00	30.18 0.12 0.00	27.28 -0.44 0.00	26.50 -0.64 0.00	28.78 -0.71 0.00	27.67 -0.65 0.00	29.16 -0.19 0.00	27.75 -0.04 0.00	29.80 0.73 0.00	30.12 1.05 0.00	33.04 1.71 0.00	37.98 2.44 0.00	41.80 2.85 0.00	47.96 4.11 -0.01	54.72 4.81 0.00	60.26 5.24 0.00	68.33 5.24 0.00	75.04 6.01 0.00	95.10 6.11 0.00	92.93 6.90 0.00	83.04 6.10 0.00	72.15 5.48 0.00	68.87 5.47 0.00	55.75 3.69 0.00
DUNKIRK___3 23565	32.78 0.48 0.00	30.25 0.19 0.00	27.34 -0.39 0.00	26.55 -0.59 0.00	28.81 -0.67 0.00	27.70 -0.62 0.00	29.16 -0.19 0.00	27.76 -0.03 0.00	29.76 0.70 0.00	30.08 1.01 0.00	32.97 1.64 0.00	37.87 2.33 0.00	41.69 2.74 0.00	47.81 3.95 -0.01	54.48 4.57 0.00	59.96 4.94 0.00	68.01 4.93 0.00	74.65 5.61 0.00	94.63 5.64 0.00	92.33 6.30 0.00	82.49 5.55 0.00	71.67 5.00 0.00	68.45 5.05 0.00	55.45 3.38 0.00
DUNKIRK___4 23566	32.78 0.48 0.00	30.25 0.19 0.00	27.34 -0.39 0.00	26.55 -0.59 0.00	28.81 -0.67 0.00	27.70 -0.62 0.00	29.16 -0.19 0.00	27.76 -0.03 0.00	29.76 0.70 0.00	30.08 1.01 0.00	32.97 1.64 0.00	37.87 2.33 0.00	41.69 2.74 0.00	47.81 3.95 -0.01	54.48 4.57 0.00	59.96 4.94 0.00	68.01 4.93 0.00	74.65 5.61 0.00	94.63 5.64 0.00	92.33 6.30 0.00	82.49 5.55 0.00	71.67 5.00 0.00	68.45 5.05 0.00	55.45 3.38 0.00
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	33.10 0.80 0.00	30.82 0.76 0.00	28.40 0.68 0.00	27.76 0.63 0.00	30.04 0.55 0.00	28.87 0.55 0.00	29.93 0.58 0.00	28.39 0.60 0.00	29.66 0.60 0.00	29.73 0.65 0.00	32.11 0.79 0.00	36.53 0.81 -0.17	40.29 0.80 -0.54	45.45 0.73 -0.87	51.76 0.74 -1.11	57.21 0.88 -1.32	66.25 1.03 -2.14	69.91 0.88 0.00	89.57 0.57 0.00	86.34 0.30 0.00	76.95 0.00 0.00	66.67 0.01 0.00	63.33 -0.07 0.00	52.54 0.36 -0.11
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	32.99 0.69 0.00	30.69 0.63 0.00	28.29 0.57 0.00	27.66 0.52 0.00	29.97 0.48 0.00	28.80 0.48 0.00	29.85 0.49 0.00	28.29 0.50 0.00	29.54 0.48 0.00	29.56 0.49 0.00	31.93 0.60 0.00	36.30 0.61 -0.14	39.99 0.61 -0.42	45.10 0.57 -0.68	51.40 0.63 -0.86	56.87 0.83 -1.03	65.83 1.07 -1.67	70.10 1.07 0.00	89.94 0.95 0.00	86.77 0.74 0.00	77.37 0.43 0.00	67.01 0.34 0.00	63.60 0.20 0.00	52.57 0.42 -0.09
E179THST_138_KV_TB4_REV_LBMP_J 345001	33.18 0.87 0.00	30.90 0.84 0.00	28.44 0.72 0.00	27.77 0.63 0.00	30.01 0.52 0.00	28.83 0.51 0.00	29.91 0.56 0.00	28.42 0.63 0.00	29.70 0.64 0.00	29.77 0.70 0.00	32.13 0.81 0.00	36.58 0.87 -0.17	40.36 0.87 -0.54	45.50 0.78 -0.87	51.73 0.71 -1.11	57.17 0.84 -1.32	66.03 0.80 -2.14	69.81 0.78 0.00	89.42 0.42 0.00	86.22 0.19 0.00	76.81 -0.13 0.00	66.56 -0.10 0.00	63.40 -0.01 0.00	52.71 0.53 -0.11

E179THST_13_KV_LOAD 356214	33.36 1.06 0.00	31.06 1.01 0.00	28.58 0.86 0.00	27.90 0.76 0.00	30.16 0.67 0.00	28.97 0.65 0.00	30.05 0.70 0.00	28.57 0.78 0.00	29.85 0.78 0.00	29.94 0.86 0.00	32.31 0.98 0.00	36.80 1.08 -0.17	40.60 1.11 -0.54	45.77 1.05 -0.87	52.07 1.05 -1.11	57.53 1.19 -1.32	66.43 1.21 -2.14	70.26 1.23 0.00	89.97 0.98 0.00	86.76 0.73 0.00	77.27 0.33 0.00	66.98 0.31 0.00	63.78 0.38 0.00	53.01 0.84 -0.11
EAST HAMPTON___GT 23717	34.24 1.95 0.00	31.83 1.77 0.00	29.20 1.48 0.00	28.42 1.28 0.00	30.68 1.19 0.00	29.41 1.09 0.00	30.61 1.25 0.00	28.99 1.20 0.00	30.46 1.40 0.00	30.68 1.61 0.00	33.62 2.29 0.00	38.10 2.38 -0.17	41.88 2.39 -0.54	47.07 2.35 -0.87	38.94 2.63 13.59	32.45 3.17 25.73	55.27 4.22 12.03	71.82 4.55 1.76	47.20 4.43 46.24	45.03 3.86 44.86	32.53 2.79 47.21	32.43 3.17 37.41	36.65 2.70 29.45	52.75 2.01 1.33
EAST RIVER___6 23660	33.25 0.95 0.00	30.92 0.86 0.00	28.48 0.76 0.00	27.84 0.70 0.00	30.12 0.63 0.00	28.95 0.63 0.00	29.99 0.64 0.00	28.49 0.70 0.00	29.80 0.74 0.00	29.87 0.80 0.00	32.27 0.94 0.00	36.72 1.00 -0.17	40.51 1.02 -0.54	45.71 0.98 -0.87	52.02 1.01 -1.11	57.48 1.14 -1.32	66.55 1.32 -2.14	70.22 1.19 0.00	89.83 0.83 0.00	86.56 0.53 0.00	77.09 0.14 0.00	66.79 0.12 0.00	63.46 0.05 0.00	52.72 0.54 -0.11
EAST RIVER___7 23524	33.25 0.95 0.00	30.92 0.86 0.00	28.48 0.76 0.00	27.84 0.70 0.00	30.12 0.63 0.00	28.95 0.63 0.00	29.99 0.64 0.00	28.49 0.70 0.00	29.80 0.74 0.00	29.87 0.80 0.00	32.27 0.94 0.00	36.72 1.00 -0.17	40.51 1.02 -0.54	45.71 0.98 -0.87	52.02 1.01 -1.11	57.48 1.14 -1.32	66.55 1.32 -2.14	70.22 1.19 0.00	89.83 0.83 0.00	86.56 0.53 0.00	77.09 0.14 0.00	66.79 0.12 0.00	63.46 0.05 0.00	52.72 0.54 -0.11
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	33.02 0.73 0.00	30.75 0.69 0.00	28.35 0.63 0.00	27.71 0.57 0.00	30.00 0.51 0.00	28.81 0.49 0.00	29.88 0.53 0.00	28.33 0.54 0.00	29.59 0.53 0.00	29.66 0.58 0.00	32.04 0.71 0.00	36.44 0.72 -0.17	40.18 0.69 -0.54	45.34 0.62 -0.87	51.65 0.64 -1.10	57.10 0.77 -1.32	66.15 0.94 -2.14	69.83 0.80 0.00	89.48 0.48 0.00	86.25 0.22 0.00	76.87 -0.07 0.00	66.61 -0.06 0.00	63.26 -0.14 0.00	52.47 0.29 -0.11
EAST_HAMPTON___DIESEL 23722	34.25 1.95 0.00	31.84 1.79 0.00	29.21 1.49 0.00	28.43 1.29 0.00	30.69 1.20 0.00	29.42 1.10 0.00	30.61 1.26 0.00	29.00 1.21 0.00	30.47 1.41 0.00	30.69 1.62 0.00	33.63 2.31 0.00	38.11 2.39 -0.17	41.88 2.39 -0.54	47.08 2.36 -0.87	38.97 2.65 13.59	32.49 3.21 25.73	55.32 4.27 12.03	71.87 4.60 1.76	47.29 4.52 46.24	45.10 3.92 44.86	32.59 2.86 47.21	32.45 3.19 37.41	36.69 2.74 29.45	52.77 2.03 1.33
EAST_POINT___SOLAR 323840	34.17 1.87 0.00	31.64 1.58 0.00	29.05 1.33 0.00	28.38 1.24 0.00	30.86 1.37 0.00	29.65 1.33 0.00	30.69 1.34 0.00	28.37 0.58 0.00	28.88 -0.18 0.00	28.70 -0.37 0.00	30.96 -0.37 0.00	35.15 -0.29 0.11	38.33 -0.27 0.35	43.12 -0.17 0.56	48.96 -0.24 0.71	53.77 -0.40 0.85	61.71 0.00 1.38	69.64 0.61 0.00	92.33 3.34 0.00	91.72 5.68 0.00	82.72 5.78 0.00	71.59 4.92 0.00	67.83 4.42 0.00	55.33 3.33 0.06
EAST_PULASKI___ESR 323781	32.28 -0.02 0.00	29.88 -0.17 0.00	27.38 -0.35 0.00	26.76 -0.37 0.00	29.15 -0.34 0.00	28.06 -0.26 0.00	29.17 -0.18 0.00	27.64 -0.14 0.00	28.93 -0.14 0.00	28.95 -0.13 0.00	31.24 -0.08 0.00	35.44 -0.10 0.00	38.86 -0.08 0.00	43.96 0.12 0.00	50.15 0.24 0.00	55.22 0.20 0.00	63.27 0.19 0.00	69.43 0.40 0.00	90.98 1.04 -0.94	88.10 1.81 -0.25	81.70 1.78 -2.99	73.94 1.52 -5.76	65.83 1.30 -1.13	52.90 0.83 0.00
EAST_RIVER___1 323558	33.18 0.88 0.00	30.87 0.81 0.00	28.47 0.74 0.00	27.82 0.67 0.00	30.08 0.59 0.00	28.91 0.59 0.00	29.98 0.63 0.00	28.46 0.67 0.00	29.75 0.68 0.00	29.84 0.76 0.00	32.21 0.89 0.00	36.66 0.94 -0.17	40.44 0.94 -0.54	45.61 0.88 -0.87	51.91 0.90 -1.11	57.34 1.01 -1.32	66.38 1.15 -2.14	70.03 1.00 0.00	89.63 0.64 0.00	86.35 0.32 0.00	76.93 -0.02 0.00	66.67 0.00 0.00	63.36 -0.04 0.00	52.64 0.46 -0.11
EAST_RIVER___2 323559	33.25 0.95 0.00	30.92 0.86 0.00	28.48 0.76 0.00	27.84 0.70 0.00	30.12 0.63 0.00	28.95 0.63 0.00	29.99 0.64 0.00	28.49 0.70 0.00	29.80 0.74 0.00	29.87 0.80 0.00	32.27 0.94 0.00	36.72 1.00 -0.17	40.51 1.02 -0.54	45.71 0.98 -0.87	52.02 1.01 -1.11	57.48 1.14 -1.32	66.55 1.32 -2.14	70.22 1.19 0.00	89.83 0.83 0.00	86.56 0.53 0.00	77.09 0.14 0.00	66.79 0.12 0.00	63.46 0.05 0.00	52.72 0.54 -0.11
EAST___DELAWARE_HYD 23607	32.55 0.24 0.00	30.25 0.19 0.00	27.87 0.15 0.00	27.24 0.10 0.00	29.53 0.04 0.00	28.37 0.05 0.00	29.38 0.03 0.00	27.85 0.05 0.00	29.07 0.02 0.00	29.07 -0.01 0.00	31.36 0.04 0.00	35.63 -0.03 -0.11	39.24 -0.05 -0.34	44.07 -0.32 -0.54	49.04 -1.55 -0.68	54.31 -1.52 -0.81	62.94 -1.46 -1.32	67.57 -1.47 0.00	86.93 -2.07 0.00	84.13 -1.90 0.00	76.87 -0.07 0.00	66.52 -0.15 0.00	63.15 -0.25 0.00	52.06 -0.08 -0.07
EIGHT_POINT___WT_PWR 323820	32.31 0.01 0.00	30.08 0.02 0.00	27.29 -0.43 0.00	26.57 -0.57 0.00	28.86 -0.63 0.00	27.89 -0.43 0.00	29.23 -0.12 0.00	27.74 -0.05 0.00	29.42 0.36 0.00	29.54 0.46 0.00	32.16 0.84 0.00	36.78 1.24 0.00	40.46 1.50 0.00	46.19 2.34 0.00	52.70 2.79 0.00	58.03 3.02 0.00	66.37 3.29 0.00	73.09 4.06 0.00	93.71 4.57 -0.14	91.66 5.59 -0.04	81.88 4.90 -0.04	70.65 3.93 -0.05	67.00 3.52 -0.08	53.90 1.84 0.00
ELBRIDGE_115KV_TB2 80188	32.13 -0.17 0.00	29.79 -0.26 0.00	27.35 -0.37 0.00	26.72 -0.42 0.00	29.04 -0.45 0.00	27.93 -0.39 0.00	29.01 -0.34 0.00	27.48 -0.31 0.00	28.77 -0.29 0.00	28.75 -0.32 0.00	31.10 -0.22 0.00	35.39 -0.16 0.00	38.87 -0.08 0.00	44.05 0.20 0.00	50.23 0.32 0.00	55.42 0.40 0.00	63.57 0.49 0.00	69.76 0.73 0.00	90.45 0.80 -0.65	87.08 0.87 -0.17	77.86 0.76 -0.16	67.47 0.57 -0.24	64.22 0.43 -0.38	52.20 0.13 0.00
ELEC_TRO_TEK 24086	32.99 0.69 0.00	30.73 0.67 0.00	28.31 0.59 0.00	27.63 0.49 0.00	29.90 0.41 0.00	28.70 0.38 0.00	29.79 0.44 0.00	28.20 0.41 0.00	29.51 0.45 0.00	29.64 0.56 0.00	32.20 0.87 0.00	36.53 0.81 -0.17	40.26 0.77 -0.54	45.18 0.46 -0.87	49.00 0.30 1.20	52.48 0.39 2.94	63.58 0.58 0.08	69.12 0.50 0.41	80.81 -0.26 7.92	78.47 -0.51 7.05	68.79 -0.73 7.42	60.15 -0.64 5.88	58.04 -0.73 4.63	51.91 -0.04 0.11
ELLENBURG_WT_PWR 323604	32.62 0.32 0.00	30.44 0.39 0.00	28.07 0.35 0.00	27.53 0.38 0.00	29.86 0.37 0.00	28.69 0.37 0.00	29.80 0.45 0.00	28.32 0.53 0.00	29.70 0.63 0.00	29.90 0.83 0.00	32.10 0.77 0.00	36.48 0.94 0.00	39.98 1.03 0.00	44.79 0.94 0.00	50.69 0.78 0.00	55.49 0.48 0.00	63.51 0.43 0.00	69.40 0.37 0.00	89.86 0.86 0.00	86.73 0.69 0.00	76.60 0.84 1.19	68.21 0.40 -1.14	62.70 0.48 1.18	52.40 0.33 0.00

ELM_ST_23_KV_LD_REV_LBMP_A 345012	33.00 0.70 0.00	30.53 0.48 0.00	27.54 -0.18 0.00	26.69 -0.45 0.00	28.93 -0.56 0.00	27.80 -0.52 0.00	29.24 -0.11 0.00	27.90 0.11 0.00	29.91 0.84 0.00	30.27 1.20 0.00	33.12 1.79 0.00	37.97 2.42 0.00	41.91 2.96 0.00	48.08 4.22 -0.01	54.56 4.65 0.00	59.91 4.90 0.00	67.88 4.80 0.00	74.46 5.43 0.00	94.61 5.62 0.00	92.06 6.02 0.00	82.20 5.25 0.00	71.47 4.80 0.00	68.46 5.05 0.00	55.44 3.37 0.00
EMPIRE_CC_1 323656	32.20 -0.10 0.00	30.20 0.15 0.00	28.05 0.33 0.00	27.48 0.34 0.00	29.85 0.36 0.00	28.64 0.32 0.00	29.60 0.25 0.00	27.98 0.19 0.00	29.06 0.00 0.00	28.93 -0.14 0.00	31.06 -0.26 0.00	34.59 -0.67 0.28	37.20 -0.87 0.88	41.23 -1.20 1.42	46.96 -1.15 1.79	51.75 -1.14 2.14	58.47 -1.14 3.47	67.72 -1.31 0.00	87.80 -1.20 0.00	84.77 -1.26 0.00	75.78 -1.17 0.00	65.55 -1.11 0.00	62.27 -1.13 0.00	51.27 -0.63 0.17
EMPIRE_CC_2 323658	32.20 -0.10 0.00	30.20 0.15 0.00	28.05 0.33 0.00	27.48 0.34 0.00	29.85 0.36 0.00	28.64 0.32 0.00	29.60 0.25 0.00	27.98 0.19 0.00	29.06 0.00 0.00	28.93 -0.14 0.00	31.06 -0.26 0.00	34.59 -0.67 0.28	37.20 -0.87 0.88	41.23 -1.20 1.42	46.96 -1.15 1.79	51.75 -1.14 2.14	58.47 -1.14 3.47	67.72 -1.31 0.00	87.80 -1.20 0.00	84.77 -1.26 0.00	75.78 -1.17 0.00	65.55 -1.11 0.00	62.27 -1.13 0.00	51.27 -0.63 0.17
ENORWICH_115KV_TB1 80156	34.19 1.90 0.00	31.65 1.60 0.00	29.06 1.34 0.00	28.47 1.33 0.00	30.93 1.44 0.00	29.77 1.45 0.00	30.95 1.60 0.00	29.24 1.45 0.00	30.51 1.45 0.00	30.33 1.26 0.00	32.78 1.46 0.00	37.37 1.82 0.00	40.99 2.04 0.00	46.47 2.62 0.00	53.05 3.14 0.00	58.67 3.65 0.00	67.73 4.65 0.00	74.73 5.70 0.00	97.01 7.75 -0.26	94.58 8.48 -0.07	84.57 7.56 -0.06	72.93 6.17 -0.09	68.92 5.37 -0.15	55.86 3.79 0.00
ERIE_ST__34_KV_TB1-2 80199	33.19 0.89 0.00	30.68 0.62 0.00	27.68 -0.04 0.00	26.84 -0.30 0.00	29.08 -0.41 0.00	27.94 -0.37 0.00	29.38 0.03 0.00	28.02 0.23 0.00	30.03 0.97 0.00	30.41 1.33 0.00	33.31 1.99 0.00	38.30 2.76 0.00	42.29 3.34 0.00	48.50 4.64 -0.01	55.15 5.24 0.00	60.61 5.60 0.00	68.76 5.68 0.00	75.47 6.43 0.00	95.95 6.95 0.00	93.31 7.27 0.00	83.17 6.22 0.00	72.17 5.50 0.00	68.94 5.53 0.00	55.76 3.69 0.00
ERIE_WT_PWR 323693	33.14 0.84 0.00	30.64 0.58 0.00	27.62 -0.10 0.00	26.77 -0.37 0.00	29.00 -0.49 0.00	27.90 -0.41 0.00	29.34 0.00 0.00	28.00 0.21 0.00	30.01 0.95 0.00	30.35 1.27 0.00	33.24 1.91 0.00	38.13 2.59 0.00	42.09 3.14 0.00	48.31 4.46 -0.01	54.84 4.93 0.00	60.25 5.23 0.00	68.31 5.23 0.00	74.97 5.93 0.00	95.29 6.29 0.00	92.71 6.67 0.00	82.77 5.82 0.00	71.91 5.24 0.00	68.81 5.41 0.00	55.70 3.63 0.00
ESPRGFLD_115KV_TB1 80157	33.62 1.32 0.00	31.12 1.06 0.00	28.55 0.82 0.00	27.87 0.73 0.00	30.34 0.85 0.00	29.15 0.83 0.00	30.28 0.92 0.00	28.52 0.73 0.00	29.87 0.81 0.00	29.98 0.90 0.00	32.55 1.22 0.00	37.11 1.63 0.07	40.66 1.93 0.22	45.91 2.41 0.35	52.06 2.59 0.44	57.04 2.55 0.53	65.19 2.97 0.86	72.27 3.24 0.00	93.18 4.19 0.00	90.42 4.39 0.00	80.98 4.04 0.00	70.20 3.53 0.00	66.70 3.29 0.00	54.48 2.45 0.04
ETNA_115_KV_TB1_REV_LBMP_C 345029	32.86 0.56 0.00	30.46 0.40 0.00	27.95 0.23 0.00	27.31 0.17 0.00	29.68 0.20 0.00	28.56 0.24 0.00	29.67 0.32 0.00	28.06 0.27 0.00	29.30 0.24 0.00	29.17 0.09 0.00	31.51 0.18 0.00	35.82 0.28 0.00	39.31 0.37 0.00	44.56 0.71 0.00	50.84 0.93 0.00	56.17 1.15 0.00	64.57 1.49 0.00	71.07 2.04 0.00	92.13 2.79 -0.35	89.45 3.32 -0.09	80.06 3.03 -0.09	69.29 2.50 -0.13	65.73 2.13 -0.21	53.47 1.41 0.00
ETNA____115KV_TB2 80207	32.86 0.56 0.00	30.46 0.40 0.00	27.95 0.23 0.00	27.31 0.17 0.00	29.68 0.20 0.00	28.56 0.24 0.00	29.67 0.32 0.00	28.06 0.27 0.00	29.30 0.24 0.00	29.17 0.09 0.00	31.51 0.18 0.00	35.82 0.28 0.00	39.31 0.37 0.00	44.56 0.71 0.00	50.84 0.93 0.00	56.17 1.15 0.00	64.57 1.49 0.00	71.07 2.04 0.00	92.13 2.79 -0.35	89.45 3.32 -0.09	80.06 3.03 -0.09	69.29 2.50 -0.13	65.73 2.13 -0.21	53.47 1.41 0.00
EUCLID__115KV_TB2 356179	31.86 -0.44 0.00	29.58 -0.48 0.00	27.17 -0.55 0.00	26.55 -0.59 0.00	28.86 -0.62 0.00	27.74 -0.58 0.00	28.80 -0.56 0.00	27.27 -0.52 0.00	28.58 -0.49 0.00	28.61 -0.47 0.00	30.95 -0.38 0.00	35.18 -0.36 0.00	38.64 -0.30 0.00	43.72 -0.13 0.00	49.84 -0.07 0.00	54.98 -0.03 0.00	63.05 -0.03 0.00	69.15 0.12 0.00	89.32 0.04 -0.29	86.30 0.19 -0.08	77.44 0.03 -0.47	67.08 -0.04 -0.45	63.58 -0.19 -0.37	51.73 -0.34 0.00
E_CANADA_CAP_HY 24051	33.83 1.53 0.00	31.33 1.27 0.00	28.74 1.02 0.00	28.07 0.93 0.00	30.52 1.03 0.00	29.32 1.00 0.00	30.46 1.10 0.00	28.57 0.78 0.00	29.70 0.64 0.00	29.75 0.68 0.00	32.18 0.85 0.10	36.64 1.19 0.32	40.04 1.41 0.51	45.13 1.78 0.65	51.10 1.84 0.77	55.94 1.69 1.25	63.91 2.08 1.25	71.45 2.42 0.00	92.96 3.96 0.00	90.80 4.77 0.00	81.59 4.65 0.00	70.69 4.02 0.00	67.15 3.75 0.00	54.82 2.81 0.06
E_CANADA_MHWK_HY 24050	32.96 0.66 0.00	30.70 0.65 0.00	28.45 0.73 0.00	27.85 0.71 0.00	30.26 0.77 0.00	29.04 0.72 0.00	29.94 0.59 0.00	28.16 0.37 0.00	28.78 -0.28 0.00	28.32 -0.76 0.00	30.31 -1.02 0.00	34.10 -1.44 0.00	37.39 -1.56 0.00	42.01 -1.84 0.00	48.25 -1.66 0.00	53.76 -1.26 0.00	62.08 -1.00 0.00	68.71 -0.33 0.00	90.20 1.20 0.00	88.25 2.22 0.00	78.98 2.04 0.00	68.08 1.41 0.00	64.28 0.88 0.00	52.82 0.76 0.00
E_FISHKILL__LBMP 23776	32.80 0.50 0.00	30.54 0.48 0.00	28.20 0.48 0.00	27.58 0.44 0.00	29.88 0.39 0.00	28.70 0.39 0.00	29.74 0.39 0.00	28.19 0.40 0.00	29.42 0.36 0.00	29.43 0.36 0.00	31.76 0.44 0.00	36.11 0.39 -0.18	39.85 0.34 -0.56	44.98 0.23 -0.90	51.27 0.23 -1.13	56.69 0.32 -1.35	65.69 0.41 -2.20	69.32 0.29 0.00	88.98 -0.02 0.00	85.79 -0.24 0.00	76.52 -0.42 0.00	66.28 -0.39 0.00	62.95 -0.45 0.00	52.17 -0.02 -0.11
FALCON__SEABRD_CC1 323796	33.00 0.70 0.00	30.84 0.78 0.00	28.42 0.69 0.00	27.85 0.71 0.00	30.21 0.73 0.00	29.02 0.70 0.00	30.12 0.77 0.00	28.64 0.85 0.00	30.00 0.94 0.00	30.21 1.14 0.00	32.44 1.11 0.00	36.84 1.29 0.00	40.33 1.38 0.00	45.05 1.20 0.00	50.87 0.96 0.00	55.56 0.54 0.00	63.58 0.50 0.00	69.43 0.40 0.00	90.06 1.07 0.00	86.91 0.87 0.00	76.81 1.04 1.18	68.66 0.44 -1.56	62.55 0.42 1.28	52.46 0.40 0.00
FALCON__SEABRD_CC2 323797	33.00 0.70 0.00	30.84 0.78 0.00	28.42 0.69 0.00	27.85 0.71 0.00	30.21 0.73 0.00	29.02 0.70 0.00	30.12 0.77 0.00	28.64 0.85 0.00	30.00 0.94 0.00	30.21 1.14 0.00	32.44 1.11 0.00	36.84 1.29 0.00	40.33 1.38 0.00	45.05 1.20 0.00	50.87 0.96 0.00	55.56 0.54 0.00	63.58 0.50 0.00	69.43 0.40 0.00	90.06 1.07 0.00	86.91 0.87 0.00	76.81 1.04 1.18	68.66 0.44 -1.56	62.55 0.42 1.28	52.46 0.40 0.00

FAR ROCKAWAY___4 23548	33.46 1.16 0.00	31.15 1.10 0.00	28.69 0.97 0.00	27.98 0.84 0.00	30.28 0.79 0.00	29.06 0.74 0.00	30.16 0.81 0.00	28.55 0.76 0.00	29.90 0.84 0.00	30.06 0.98 0.00	32.70 1.38 0.00	37.16 1.44 -0.17	40.98 1.49 -0.54	46.02 1.30 -0.87	52.25 1.24 -1.11	57.76 1.43 -1.32	67.07 1.84 -2.14	70.77 1.92 0.18	89.61 1.49 0.87	87.18 1.15 0.00	77.61 0.67 0.00	67.18 0.51 0.00	63.67 0.27 0.00	52.96 0.79 -0.11
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	33.19 0.89 0.00	30.88 0.82 0.00	28.48 0.76 0.00	27.82 0.68 0.00	30.09 0.60 0.00	28.92 0.60 0.00	29.98 0.63 0.00	28.47 0.68 0.00	29.76 0.69 0.00	29.84 0.77 0.00	32.23 0.90 0.00	36.68 0.96 -0.17	40.45 0.95 -0.54	45.64 0.91 -0.87	51.92 0.91 -1.11	57.34 1.01 -1.32	66.38 1.16 -2.14	70.01 0.98 0.00	89.64 0.64 0.00	86.36 0.33 0.00	76.93 -0.01 0.00	66.67 0.00 0.00	63.38 -0.02 0.00	52.66 0.48 -0.11
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	33.19 0.89 0.00	30.88 0.83 0.00	28.48 0.76 0.00	27.83 0.69 0.00	30.09 0.60 0.00	28.92 0.60 0.00	29.99 0.64 0.00	28.47 0.68 0.00	29.76 0.70 0.00	29.85 0.77 0.00	32.23 0.90 0.00	36.68 0.96 -0.17	40.45 0.95 -0.54	45.64 0.92 -0.87	51.92 0.91 -1.11	57.34 1.01 -1.32	66.38 1.16 -2.14	70.03 0.99 0.00	89.64 0.65 0.00	86.38 0.35 0.00	76.96 0.02 0.00	66.70 0.04 0.00	63.40 -0.01 0.00	52.66 0.48 -0.11
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	33.16 0.86 0.00	30.86 0.80 0.00	28.45 0.73 0.00	27.81 0.66 0.00	30.06 0.58 0.00	28.90 0.58 0.00	29.96 0.61 0.00	28.45 0.66 0.00	29.73 0.67 0.00	29.82 0.75 0.00	32.21 0.88 0.00	36.64 0.93 -0.17	40.41 0.92 -0.54	45.60 0.87 -0.87	51.87 0.86 -1.11	57.29 0.95 -1.32	66.32 1.09 -2.14	69.95 0.92 0.00	89.55 0.55 0.00	86.28 0.25 0.00	76.87 -0.07 0.00	66.62 -0.05 0.00	63.32 -0.08 0.00	52.61 0.43 -0.11
FARRAGUT___LBMP 323566	33.13 0.83 0.00	30.84 0.78 0.00	28.44 0.72 0.00	27.79 0.65 0.00	30.05 0.56 0.00	28.88 0.56 0.00	29.94 0.59 0.00	28.42 0.63 0.00	29.71 0.65 0.00	29.80 0.72 0.00	32.18 0.85 0.00	36.61 0.89 -0.17	40.38 0.88 -0.54	45.55 0.83 -0.87	51.82 0.81 -1.11	57.24 0.90 -1.32	66.25 1.03 -2.14	69.89 0.86 0.00	89.47 0.48 0.00	86.21 0.18 0.00	76.80 -0.14 0.00	66.57 -0.10 0.00	63.27 -0.13 0.00	52.57 0.39 -0.11
FENNER___WINDPWR 24204	32.90 0.61 0.00	30.51 0.45 0.00	28.05 0.33 0.00	27.44 0.30 0.00	29.83 0.35 0.00	28.68 0.37 0.00	29.77 0.42 0.00	28.16 0.37 0.00	29.40 0.34 0.00	29.33 0.26 0.00	31.68 0.35 0.00	36.00 0.45 0.00	39.50 0.55 0.00	44.63 0.78 0.00	50.95 1.04 0.00	56.28 1.26 0.00	64.71 1.63 0.00	71.14 2.10 0.00	92.30 3.03 -0.27	89.50 3.40 -0.07	81.34 3.01 -1.38	71.79 2.44 -2.69	65.89 2.05 -0.43	53.47 1.40 0.00
FIBERTEK___ENERGY 23856	32.25 -0.05 0.00	29.91 -0.15 0.00	27.47 -0.26 0.00	26.84 -0.30 0.00	29.17 -0.32 0.00	28.04 -0.28 0.00	29.12 -0.24 0.00	27.57 -0.22 0.00	28.86 -0.20 0.00	28.87 -0.21 0.00	31.24 -0.09 0.00	35.54 -0.01 0.00	39.05 0.10 0.00	44.22 0.37 0.00	50.44 0.53 0.00	55.67 0.65 0.00	63.87 0.79 0.00	70.10 1.07 0.00	90.89 1.28 -0.62	87.59 1.39 -0.16	78.57 1.14 -0.49	68.03 0.85 -0.52	64.60 0.66 -0.53	52.40 0.33 0.00
FITZPATRICK___ 23598	31.39 -0.91 0.00	29.16 -0.89 0.00	26.82 -0.90 0.00	26.22 -0.92 0.00	28.49 -1.00 0.00	27.38 -0.94 0.00	28.41 -0.94 0.00	26.91 -0.88 0.00	28.18 -0.88 0.00	28.21 -0.87 0.00	30.48 -0.85 0.00	34.63 -0.92 0.00	38.00 -0.95 0.00	42.95 -0.91 0.00	48.92 -0.99 0.00	53.94 -1.08 0.00	61.82 -1.26 0.00	67.76 -1.27 0.00	83.78 -1.75 3.46	83.54 -1.57 0.92	74.60 -1.48 0.87	64.10 -1.31 1.26	60.05 -1.32 2.04	50.87 -1.19 0.00
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	33.26 0.96 0.00	30.94 0.89 0.00	28.53 0.81 0.00	27.89 0.75 0.00	30.23 0.74 0.00	29.04 0.72 0.00	30.10 0.74 0.00	28.54 0.75 0.00	29.80 0.74 0.00	29.82 0.75 0.00	32.22 0.90 0.00	36.64 0.96 -0.14	40.39 1.01 -0.43	45.58 1.04 -0.70	52.01 1.22 -0.88	57.56 1.49 -1.05	66.63 1.84 -1.71	71.00 1.97 0.00	91.08 2.08 0.00	87.79 1.75 0.00	78.22 1.27 0.00	67.67 1.00 0.00	64.19 0.79 0.00	53.02 0.86 -0.09
FORT ORANGE___ 23900	32.41 0.12 0.00	30.26 0.20 0.00	28.03 0.31 0.00	27.45 0.31 0.00	29.84 0.35 0.00	28.64 0.32 0.00	29.62 0.27 0.00	28.00 0.21 0.00	29.07 0.01 0.00	28.91 -0.16 0.00	31.02 -0.30 0.00	34.79 -0.61 0.14	37.71 -0.80 0.44	42.02 -1.12 0.71	48.16 -0.86 0.90	53.57 -0.38 1.07	61.18 -0.17 1.74	68.85 -0.18 0.00	89.46 0.47 0.00	86.73 0.69 0.00	77.58 0.63 0.00	67.10 0.43 0.00	63.64 0.23 0.00	52.33 0.35 0.08
FORT_DRUM_COGEN 23780	33.73 1.44 0.00	31.01 0.95 0.00	28.24 0.52 0.00	27.66 0.52 0.00	30.24 0.75 0.00	29.25 0.92 0.00	30.55 1.20 0.00	28.99 1.20 0.00	30.38 1.32 0.00	30.30 1.23 0.00	32.67 1.34 0.00	36.76 1.21 0.00	40.21 1.27 0.00	45.50 1.65 0.00	52.03 2.12 0.00	57.46 2.44 0.00	66.01 2.93 0.00	72.90 3.86 0.00	96.38 6.92 -0.46	94.94 8.79 -0.12	94.51 8.57 -9.00	91.58 7.27 -17.64	71.89 6.35 -2.13	56.71 4.65 0.00
FOX_HILLS___ESR 323835	33.29 0.99 0.00	30.85 0.79 0.00	28.35 0.63 0.00	27.69 0.54 0.00	29.88 0.39 0.00	28.72 0.40 0.00	29.80 0.45 0.00	28.30 0.51 0.00	29.57 0.51 0.00	29.65 0.57 0.00	31.99 0.67 0.00	36.47 0.75 -0.17	40.24 0.75 -0.54	45.35 0.63 -0.87	51.55 0.53 -1.11	56.87 0.54 -1.32	65.79 0.56 -2.14	69.48 0.45 0.00	89.01 0.01 0.00	85.89 -0.15 0.00	76.54 -0.40 0.00	66.43 -0.23 0.00	63.20 -0.20 0.00	52.61 0.43 -0.11
FPL_FAR_ROCK_GT1 24212	33.46 1.16 0.00	31.15 1.10 0.00	28.69 0.97 0.00	27.99 0.84 0.00	30.28 0.79 0.00	29.06 0.74 0.00	30.16 0.81 0.00	28.55 0.76 0.00	29.90 0.84 0.00	30.06 0.98 0.00	32.70 1.38 0.00	37.16 1.44 -0.17	40.98 1.49 -0.54	46.02 1.30 -0.87	52.23 1.21 -1.11	57.73 1.39 -1.32	67.06 1.84 -2.14	70.77 1.92 0.18	89.62 1.49 0.87	87.18 1.15 0.00	77.59 0.64 0.00	67.17 0.50 0.00	63.66 0.25 0.00	52.96 0.79 -0.11
FPL_FAR_ROCK_GT2 23815	33.46 1.16 0.00	31.15 1.10 0.00	28.69 0.97 0.00	27.99 0.84 0.00	30.28 0.79 0.00	29.06 0.74 0.00	30.16 0.81 0.00	28.55 0.76 0.00	29.90 0.84 0.00	30.06 0.98 0.00	32.70 1.38 0.00	37.16 1.44 -0.17	40.98 1.49 -0.54	46.02 1.30 -0.87	52.23 1.21 -1.11	57.73 1.39 -1.32	67.06 1.84 -2.14	70.77 1.92 0.18	89.62 1.49 0.87	87.18 1.15 0.00	77.59 0.64 0.00	67.17 0.50 0.00	63.66 0.25 0.00	52.96 0.79 -0.11
FRANKLIN_FALL_HYD 24054	33.14 0.84 0.00	30.88 0.82 0.00	28.44 0.72 0.00	27.89 0.75 0.00	30.26 0.77 0.00	29.08 0.75 0.00	30.22 0.87 0.00	28.72 0.93 0.00	30.14 1.08 0.00	30.39 1.32 0.00	32.52 1.19 0.00	36.97 1.43 0.00	40.51 1.56 0.00	45.44 1.59 0.00	51.50 1.59 0.00	56.36 1.34 0.00	64.49 1.41 0.00	70.62 1.59 0.00	91.53 2.53 0.00	88.40 2.37 0.00	112.16 2.68 -32.53	110.34 1.94 -41.73	78.22 2.07 -12.74	53.56 1.49 0.00

FREEPORT_EQUS_GT1 23764	33.18 0.88 0.00	30.90 0.84 0.00	28.44 0.72 0.00	27.74 0.60 0.00	30.01 0.52 0.00	28.80 0.49 0.00	29.89 0.54 0.00	28.29 0.50 0.00	29.62 0.56 0.00	29.75 0.68 0.00	32.37 1.04 0.00	36.74 1.02 -0.17	40.50 1.01 -0.54	45.42 0.70 -0.87	44.01 0.55 6.45	43.09 0.66 12.59	58.87 0.93 5.14	69.00 0.94 0.97	65.16 0.25 24.09	62.63 -0.34 23.06	52.26 -0.42 24.27	47.10 -0.34 19.23	47.81 -0.45 15.14	51.67 0.23 0.63
FREEPORT___CT2 23818	33.18 0.88 0.00	30.90 0.84 0.00	28.44 0.72 0.00	27.74 0.60 0.00	30.01 0.52 0.00	28.80 0.49 0.00	29.89 0.54 0.00	28.29 0.50 0.00	29.62 0.56 0.00	29.75 0.68 0.00	32.37 1.04 0.00	36.74 1.02 -0.17	40.50 1.01 -0.54	45.42 0.70 -0.87	44.01 0.55 6.45	43.09 0.66 12.59	58.87 0.93 5.14	69.00 0.94 0.97	65.16 0.25 24.09	62.63 -0.34 23.06	52.26 -0.42 24.27	47.10 -0.34 19.23	47.81 -0.45 15.14	51.67 0.23 0.63
FRESHKLS_33_KV_LOAD 356253	33.39 1.10 0.00	30.86 0.80 0.00	28.35 0.63 0.00	27.69 0.54 0.00	29.83 0.35 0.00	28.68 0.36 0.00	29.77 0.42 0.00	28.27 0.48 0.00	29.52 0.46 0.00	29.58 0.50 0.00	31.92 0.59 0.00	36.40 0.69 -0.17	40.18 0.69 -0.54	45.28 0.55 -0.87	51.44 0.43 -1.11	56.06 0.39 -0.66	65.70 0.48 -2.14	69.45 0.42 0.00	89.01 0.02 0.00	85.98 -0.06 0.00	76.62 -0.33 0.00	66.48 -0.19 0.00	63.23 -0.17 0.00	52.61 0.44 -0.11
FULTON COGEN____ 23766	31.84 -0.46 0.00	29.56 -0.50 0.00	27.16 -0.57 0.00	26.54 -0.60 0.00	28.84 -0.65 0.00	27.72 -0.60 0.00	28.77 -0.59 0.00	27.25 -0.54 0.00	28.50 -0.57 0.00	28.53 -0.54 0.00	30.86 -0.47 0.00	35.08 -0.47 0.00	38.51 -0.45 0.00	43.56 -0.29 0.00	49.66 -0.25 0.00	54.76 -0.26 0.00	62.80 -0.28 0.00	68.90 -0.13 0.00	89.92 -0.20 -1.12	86.38 0.05 -0.30	77.60 -0.08 -0.74	67.32 -0.15 -0.81	64.04 -0.25 -0.89	51.72 -0.34 0.00
FULTON___LFGE 323630	33.92 1.62 0.00	31.45 1.40 0.00	28.92 1.19 0.00	28.24 1.10 0.00	30.71 1.22 0.00	29.49 1.17 0.00	30.57 1.22 0.00	28.59 0.81 0.00	29.39 0.33 0.00	29.18 0.11 0.00	31.40 0.07 0.00	35.57 0.14 0.12	38.75 0.16 0.36	43.51 0.23 0.57	49.37 0.19 0.73	54.30 0.15 0.87	62.30 0.62 1.41	70.32 1.29 0.00	92.49 3.49 0.00	90.92 4.89 0.00	81.80 4.85 0.00	70.79 4.12 0.00	67.10 3.69 0.00	54.80 2.80 0.06
G.F.CEMENT___DRP 24184	33.95 1.65 0.00	31.58 1.52 0.00	29.17 1.45 0.00	28.54 1.40 0.00	31.00 1.51 0.00	29.75 1.43 0.00	30.85 1.50 0.00	29.07 1.28 0.00	30.10 1.04 0.00	29.95 0.87 0.00	31.99 0.66 0.00	36.04 0.67 0.17	39.13 0.71 0.53	43.64 0.65 0.86	49.85 1.03 1.09	55.23 1.50 1.29	63.46 2.48 2.11	72.30 3.27 0.00	94.54 5.27 0.00	91.30 5.27 0.00	81.73 4.79 0.00	70.19 3.52 0.00	65.98 2.58 0.00	54.10 2.13 0.10
GARDENVILLE___LBMP 24039	33.00 0.70 0.00	30.53 0.47 0.00	27.53 -0.19 0.00	26.69 -0.45 0.00	28.93 -0.55 0.00	27.82 -0.50 0.00	29.25 -0.10 0.00	27.91 0.12 0.00	29.90 0.84 0.00	30.26 1.19 0.00	33.12 1.79 0.00	37.98 2.43 0.00	41.91 2.96 0.00	48.08 4.23 -0.01	54.61 4.70 0.00	59.98 4.96 0.00	68.00 4.92 0.00	74.61 5.58 0.00	94.80 5.81 0.00	92.27 6.23 0.00	82.40 5.45 0.00	71.61 4.94 0.00	68.55 5.15 0.00	55.49 3.43 0.00
GARDNVLA_35_KV_LD 355827	33.19 0.90 0.00	30.69 0.63 0.00	27.67 -0.05 0.00	26.82 -0.32 0.00	29.06 -0.43 0.00	27.94 -0.38 0.00	29.37 0.02 0.00	28.03 0.24 0.00	30.04 0.98 0.00	30.41 1.33 0.00	33.31 1.98 0.00	38.23 2.68 0.00	42.21 3.26 0.00	48.45 4.59 -0.01	55.02 5.11 0.00	60.44 5.43 0.00	68.55 5.46 0.00	75.21 6.18 0.00	95.58 6.58 0.00	92.95 6.91 0.00	82.97 6.02 0.00	72.07 5.40 0.00	68.96 5.56 0.00	55.79 3.72 0.00
GELCKHM___115KV_LOAD 80723	32.01 -0.28 0.00	29.71 -0.35 0.00	27.28 -0.44 0.00	26.66 -0.48 0.00	28.98 -0.51 0.00	27.86 -0.46 0.00	28.92 -0.43 0.00	27.39 -0.40 0.00	28.68 -0.38 0.00	28.70 -0.38 0.00	31.05 -0.27 0.00	35.32 -0.23 0.00	38.80 -0.15 0.00	43.90 0.05 0.00	50.06 0.15 0.00	55.24 0.23 0.00	63.37 0.29 0.00	69.51 0.48 0.00	89.92 0.52 -0.41	86.79 0.65 -0.11	77.86 0.45 -0.47	67.44 0.30 -0.47	63.96 0.13 -0.42	51.98 -0.09 0.00
GENERAL___MILLS 23808	33.11 0.81 0.00	30.63 0.57 0.00	27.62 -0.10 0.00	26.77 -0.37 0.00	29.01 -0.48 0.00	27.90 -0.42 0.00	29.33 -0.02 0.00	27.98 0.19 0.00	29.99 0.93 0.00	30.35 1.27 0.00	33.22 1.90 0.00	38.11 2.57 0.00	42.07 3.12 0.00	48.28 4.43 -0.01	54.82 4.92 0.00	60.22 5.20 0.00	68.29 5.21 0.00	74.93 5.89 0.00	95.21 6.22 0.00	92.64 6.61 0.00	82.69 5.74 0.00	71.85 5.18 0.00	68.77 5.37 0.00	55.65 3.59 0.00
GE_PLASTICS___DRP 24183	32.32 0.02 0.00	30.17 0.11 0.00	27.95 0.23 0.00	27.37 0.23 0.00	29.76 0.27 0.00	28.57 0.24 0.00	29.53 0.18 0.00	27.94 0.15 0.00	29.07 0.01 0.00	28.91 -0.17 0.00	30.98 -0.35 0.00	34.74 -0.69 0.11	37.67 -0.93 0.35	42.05 -1.24 0.56	48.06 -1.14 0.71	53.27 -0.90 0.84	60.85 -0.86 1.37	67.97 -1.06 0.00	87.92 -1.07 0.00	85.00 -1.04 0.00	76.00 -0.95 0.00	65.83 -0.84 0.00	62.51 -0.89 0.00	51.50 -0.50 0.06
GILBOA___1 23756	32.44 0.14 0.00	30.26 0.21 0.00	28.08 0.36 0.00	27.54 0.40 0.00	30.10 0.62 0.00	28.89 0.57 0.00	29.73 0.38 0.00	28.05 0.26 0.00	29.24 0.18 0.00	29.10 0.02 0.00	31.35 0.03 0.00	35.47 -0.07 0.00	38.81 -0.14 0.00	43.62 -0.23 0.00	49.72 -0.19 0.00	54.91 -0.10 0.00	63.05 -0.03 0.00	68.64 -0.39 0.00	88.18 -0.82 0.00	85.00 -1.04 0.00	76.08 -0.87 0.00	66.14 -0.53 0.00	63.00 -0.40 0.00	51.96 -0.12 -0.02
GILBOA___2 23757	32.44 0.14 0.00	30.26 0.21 0.00	28.08 0.36 0.00	27.54 0.40 0.00	30.10 0.62 0.00	28.89 0.57 0.00	29.73 0.38 0.00	28.05 0.26 0.00	29.24 0.18 0.00	29.10 0.02 0.00	31.35 0.03 0.00	35.47 -0.07 0.00	38.81 -0.14 0.00	43.62 -0.23 0.00	49.72 -0.19 0.00	54.91 -0.10 0.00	63.05 -0.03 0.00	68.64 -0.39 0.00	88.18 -0.82 0.00	85.00 -1.04 0.00	76.08 -0.87 0.00	66.14 -0.53 0.00	63.00 -0.40 0.00	51.96 -0.12 -0.02
GILBOA___3 23758	32.44 0.14 0.00	30.26 0.21 0.00	28.08 0.36 0.00	27.54 0.40 0.00	30.10 0.62 0.00	28.89 0.57 0.00	29.73 0.38 0.00	28.05 0.26 0.00	29.24 0.18 0.00	29.10 0.02 0.00	31.35 0.03 0.00	35.47 -0.07 0.00	38.81 -0.14 0.00	43.62 -0.23 0.00	49.72 -0.19 0.00	54.91 -0.10 0.00	63.05 -0.03 0.00	68.64 -0.39 0.00	88.18 -0.82 0.00	85.00 -1.04 0.00	76.08 -0.87 0.00	66.14 -0.53 0.00	63.00 -0.40 0.00	51.96 -0.12 -0.02
GILBOA___4 23759	32.44 0.14 0.00	30.26 0.21 0.00	28.08 0.36 0.00	27.54 0.40 0.00	30.10 0.62 0.00	28.89 0.57 0.00	29.73 0.38 0.00	28.05 0.26 0.00	29.24 0.18 0.00	29.10 0.02 0.00	31.35 0.03 0.00	35.47 -0.07 0.00	38.81 -0.14 0.00	43.62 -0.23 0.00	49.72 -0.19 0.00	54.91 -0.10 0.00	63.05 -0.03 0.00	68.64 -0.39 0.00	88.18 -0.82 0.00	85.00 -1.04 0.00	76.08 -0.87 0.00	66.14 -0.53 0.00	63.00 -0.40 0.00	51.96 -0.12 -0.02

GILBOA____ 23599	32.44 0.14 0.00	30.26 0.21 0.00	28.08 0.36 0.00	27.54 0.40 0.00	30.10 0.61 0.00	28.89 0.57 0.00	29.74 0.38 0.00	28.05 0.26 0.00	29.24 0.18 0.00	29.10 0.02 0.00	31.35 0.03 0.00	35.47 -0.07 0.00	38.81 -0.14 0.00	43.62 -0.23 0.00	49.73 -0.18 0.00	54.92 -0.09 0.00	63.06 -0.03 0.00	68.64 -0.39 0.00	88.16 -0.84 0.00	85.00 -1.03 0.00	76.08 -0.87 0.00	66.14 -0.53 0.00	63.00 -0.40 0.00	51.96 -0.12 -0.02
GINNA____ 23603	31.52 -0.78 0.00	29.20 -0.86 0.00	26.57 -1.15 0.00	25.83 -1.31 0.00	28.02 -1.48 0.00	26.91 -1.41 0.00	28.08 -1.27 0.00	26.71 -1.09 0.00	28.27 -0.79 0.00	28.54 -0.54 0.00	31.10 -0.23 0.00	35.59 0.04 0.00	39.33 0.38 0.00	44.81 0.98 0.02	51.04 1.13 0.00	56.20 1.19 0.00	64.12 1.04 0.00	70.37 1.34 0.00	90.25 1.25 0.00	87.44 1.40 0.00	77.89 0.94 0.00	67.38 0.72 0.00	64.09 0.69 0.00	52.05 -0.02 0.00
GLEN PARK____ 23778	33.97 1.67 0.00	31.22 1.17 0.00	28.43 0.71 0.00	27.84 0.70 0.00	30.43 0.94 0.00	29.44 1.11 0.00	30.74 1.39 0.00	29.17 1.39 0.00	30.56 1.50 0.00	30.42 1.34 0.00	32.79 1.46 0.00	36.84 1.30 0.00	40.31 1.36 0.00	45.63 1.78 0.00	52.20 2.29 0.00	57.67 2.66 0.00	66.26 3.19 0.00	73.25 4.22 0.00	97.10 7.62 -0.48	95.86 9.70 -0.13	94.88 9.41 -8.53	91.36 7.98 -16.71	72.41 6.96 -2.05	57.14 5.07 0.00
GLENDALE_27_KV_LOAD 356172	33.36 1.07 0.00	31.06 1.01 0.00	28.60 0.88 0.00	27.92 0.78 0.00	30.17 0.68 0.00	29.00 0.68 0.00	30.08 0.73 0.00	28.59 0.80 0.00	29.89 0.82 0.00	29.99 0.91 0.00	32.36 1.03 0.00	36.83 1.11 -0.17	40.64 1.14 -0.54	45.82 1.09 -0.87	52.12 1.10 -1.11	57.53 1.19 -1.32	66.46 1.23 -2.14	70.19 1.16 0.00	89.85 0.85 0.00	86.58 0.54 0.00	77.14 0.19 0.00	66.87 0.20 0.00	63.63 0.23 0.00	52.92 0.75 -0.11
GLENWOOD_IC_1_G5 23712	33.16 0.86 0.00	30.88 0.82 0.00	28.45 0.73 0.00	27.78 0.64 0.00	30.06 0.58 0.00	28.87 0.55 0.00	29.95 0.60 0.00	28.39 0.59 0.00	29.69 0.63 0.00	29.81 0.73 0.00	32.34 1.02 0.00	36.76 1.04 -0.17	40.53 1.04 -0.54	45.59 0.87 -0.87	47.37 0.86 3.40	49.06 1.02 6.98	61.70 0.82 2.20	69.18 0.73 0.58	74.76 0.14 14.38	72.12 -0.16 13.75	62.06 -0.41 14.48	55.25 0.05 11.47	54.24 -0.13 9.03	52.11 0.37 0.33
GLENWOOD_IC_2_G1 23688	33.08 0.78 0.00	30.80 0.74 0.00	28.39 0.67 0.00	27.73 0.59 0.00	30.01 0.52 0.00	28.82 0.50 0.00	29.90 0.55 0.00	28.33 0.54 0.00	29.63 0.57 0.00	29.72 0.65 0.00	32.20 0.87 0.00	36.59 0.87 -0.17	40.35 0.85 -0.54	45.42 0.70 -0.87	51.69 0.67 -1.11	57.13 0.80 -1.32	66.19 0.96 -2.14	69.89 0.86 0.01	89.37 0.40 0.03	86.16 0.13 0.00	76.77 -0.18 0.00	66.55 -0.12 0.00	63.13 -0.26 0.00	52.45 0.27 -0.11
GLENWOOD_IC_3_G1 23689	33.08 0.78 0.00	30.80 0.74 0.00	28.39 0.67 0.00	27.73 0.59 0.00	30.01 0.52 0.00	28.82 0.50 0.00	29.90 0.55 0.00	28.33 0.54 0.00	29.63 0.57 0.00	29.72 0.65 0.00	32.20 0.87 0.00	36.59 0.87 -0.17	40.35 0.85 -0.54	45.42 0.70 -0.87	51.69 0.67 -1.11	57.13 0.80 -1.32	66.19 0.96 -2.14	69.89 0.86 0.01	89.37 0.40 0.03	86.16 0.13 0.00	76.77 -0.18 0.00	66.55 -0.12 0.00	63.13 -0.26 0.00	52.45 0.27 -0.11
GLENWOOD____4 23550	33.16 0.86 0.00	30.88 0.82 0.00	28.45 0.73 0.00	27.78 0.64 0.00	30.06 0.58 0.00	28.87 0.55 0.00	29.95 0.60 0.00	28.39 0.59 0.00	29.69 0.63 0.00	29.81 0.73 0.00	32.34 1.02 0.00	36.76 1.04 -0.17	40.53 1.04 -0.54	45.59 0.87 -0.87	47.37 0.86 3.40	49.07 1.03 6.98	61.87 0.99 2.20	69.38 0.93 0.58	75.03 0.41 14.38	72.36 0.08 13.75	62.25 -0.22 14.48	55.25 0.05 11.47	54.24 -0.13 9.03	52.11 0.37 0.33
GLENWOOD____5 23614	33.16 0.86 0.00	30.88 0.82 0.00	28.45 0.73 0.00	27.78 0.64 0.00	30.06 0.58 0.00	28.87 0.55 0.00	29.95 0.60 0.00	28.39 0.59 0.00	29.69 0.63 0.00	29.81 0.73 0.00	32.34 1.02 0.00	36.76 1.04 -0.17	40.53 1.04 -0.54	45.59 0.87 -0.87	47.37 0.86 3.40	49.07 1.03 6.98	61.87 0.99 2.20	69.38 0.93 0.58	75.03 0.41 14.38	72.36 0.08 13.75	62.25 -0.22 14.48	55.25 0.05 11.47	54.24 -0.13 9.03	52.11 0.37 0.33
GLOBAL GREEN_PORT_GT1 23814	34.10 1.80 0.00	31.71 1.65 0.00	29.08 1.36 0.00	28.31 1.17 0.00	30.57 1.08 0.00	29.32 1.00 0.00	30.49 1.14 0.00	28.88 1.09 0.00	30.36 1.30 0.00	30.58 1.50 0.00	33.47 2.14 0.00	37.92 2.20 -0.17	41.71 2.21 -0.54	46.86 2.13 -0.87	38.73 2.41 13.59	32.26 2.97 25.73	55.15 4.09 12.03	71.69 4.41 1.76	47.02 4.26 46.23	44.88 3.71 44.86	32.39 2.65 47.21	32.09 2.83 37.41	36.34 2.38 29.45	52.51 1.76 1.33
GLOBE____DSASP 323697	32.43 0.13 0.00	30.07 0.01 0.00	27.05 -0.67 0.00	26.19 -0.96 0.00	28.41 -1.09 0.00	27.28 -1.03 0.00	28.71 -0.65 0.00	27.41 -0.38 0.00	29.43 0.37 0.00	29.82 0.74 0.00	32.57 1.24 0.00	37.07 1.53 0.00	40.93 1.98 0.00	47.03 3.18 -0.01	53.25 3.34 0.00	58.31 3.29 0.00	65.89 2.81 0.00	72.22 3.19 0.00	91.68 2.68 0.00	89.11 3.08 0.00	79.72 2.78 0.00	69.43 2.76 0.00	67.02 3.61 0.00	54.40 2.34 0.00
GOETHSLN____LBMP 323567	32.94 0.64 0.00	30.66 0.60 0.00	28.28 0.56 0.00	27.64 0.50 0.00	29.86 0.38 0.00	28.72 0.40 0.00	29.77 0.42 0.00	28.27 0.48 0.00	29.54 0.48 0.00	29.63 0.55 0.00	31.99 0.66 0.00	36.40 0.68 -0.17	40.16 0.66 -0.54	45.28 0.55 -0.87	51.52 0.50 -1.11	56.91 0.57 -1.32	65.87 0.64 -2.14	69.42 0.39 0.00	88.84 -0.16 0.00	85.61 -0.43 0.00	76.27 -0.68 0.00	66.12 -0.54 0.00	62.87 -0.53 0.00	52.26 0.08 -0.11
GOLAH____69_KV_TB 1_2 80279	33.48 1.18 0.00	30.98 0.93 0.00	28.09 0.37 0.00	27.22 0.08 0.00	29.51 0.02 0.00	28.35 0.03 0.00	29.68 0.33 0.00	28.23 0.44 0.00	29.98 0.91 0.00	30.28 1.21 0.00	33.00 1.67 0.00	37.74 2.19 0.00	41.63 2.68 0.00	47.67 3.80 -0.02	54.21 4.30 0.00	59.67 4.66 0.00	68.04 4.96 0.00	74.55 5.52 0.00	95.52 6.52 0.00	92.92 6.88 0.00	83.05 6.10 0.00	71.93 5.27 0.00	68.63 5.23 0.00	55.66 3.60 0.00
GOODYEAR_LAKE_HYD 323669	33.22 0.92 0.00	30.83 0.77 0.00	28.38 0.65 0.00	27.74 0.60 0.00	30.20 0.71 0.00	29.01 0.70 0.00	30.06 0.71 0.00	28.38 0.59 0.00	29.73 0.67 0.00	29.75 0.68 0.00	32.23 0.91 0.00	36.68 1.14 0.00	40.25 1.30 0.00	45.46 1.61 0.00	51.75 1.84 0.00	56.97 1.95 0.00	65.43 2.35 0.00	71.56 2.53 0.00	92.01 3.01 0.00	88.97 2.93 0.00	79.52 2.57 0.00	68.91 2.25 0.00	65.45 2.05 0.00	53.63 1.57 0.00
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	32.41 0.11 0.00	30.10 0.04 0.00	27.64 -0.08 0.00	27.03 -0.11 0.00	29.40 -0.09 0.00	28.25 -0.07 0.00	29.36 0.01 0.00	27.75 -0.04 0.00	29.10 0.04 0.00	29.06 -0.01 0.00	31.51 0.18 0.00	35.89 0.35 0.00	39.31 0.36 0.00	44.52 0.67 0.00	50.86 0.95 0.00	56.17 1.15 0.00	64.36 1.28 0.00	70.60 1.57 0.00	90.73 1.49 -0.24	87.89 1.79 -0.06	78.49 1.49 -0.06	68.02 1.27 -0.09	64.62 1.07 -0.14	52.72 0.65 0.00

GOUDEY___7 23579	32.41 0.11 0.00	30.10 0.04 0.00	27.64 -0.08 0.00	27.03 -0.11 0.00	29.40 -0.09 0.00	28.25 -0.07 0.00	29.36 0.01 0.00	27.75 -0.04 0.00	29.10 0.04 0.00	29.06 -0.01 0.00	31.51 0.18 0.00	35.89 0.35 0.00	39.31 0.36 0.00	44.52 0.67 0.00	50.86 0.95 0.00	56.17 1.15 0.00	64.36 1.28 0.00	70.60 1.57 0.00	90.73 1.49 -0.24	87.89 1.79 -0.06	78.49 1.49 -0.06	68.02 1.27 -0.09	64.62 1.07 -0.14	52.72 0.65 0.00
GOUDEY___8 23580	32.41 0.11 0.00	30.10 0.04 0.00	27.64 -0.08 0.00	27.03 -0.11 0.00	29.40 -0.09 0.00	28.25 -0.07 0.00	29.36 0.01 0.00	27.75 -0.04 0.00	29.10 0.04 0.00	29.06 -0.01 0.00	31.51 0.18 0.00	35.89 0.35 0.00	39.31 0.36 0.00	44.52 0.67 0.00	50.86 0.95 0.00	56.17 1.15 0.00	64.36 1.28 0.00	70.60 1.57 0.00	90.73 1.49 -0.24	87.89 1.79 -0.06	78.49 1.49 -0.06	68.02 1.27 -0.09	64.62 1.07 -0.14	52.72 0.65 0.00
GOWANUS_GT1_1 24077	33.30 1.00 0.00	30.94 0.89 0.00	28.46 0.74 0.00	27.79 0.65 0.00	30.01 0.53 0.00	28.85 0.53 0.00	29.92 0.57 0.00	28.43 0.64 0.00	29.71 0.65 0.00	29.81 0.73 0.00	32.16 0.83 0.00	36.64 0.92 -0.17	40.43 0.94 -0.54	45.57 0.84 -0.87	51.81 0.79 -1.11	57.19 0.85 -1.32	66.09 0.86 -2.14	69.76 0.73 0.00	89.36 0.37 0.00	86.22 0.19 0.00	76.80 -0.15 0.00	66.66 -0.01 0.00	63.41 0.01 0.00	52.77 0.59 -0.11
GOWANUS_GT1_2 24078	33.30 1.00 0.00	30.94 0.89 0.00	28.46 0.74 0.00	27.79 0.65 0.00	30.01 0.53 0.00	28.85 0.53 0.00	29.92 0.57 0.00	28.43 0.64 0.00	29.71 0.65 0.00	29.81 0.73 0.00	32.16 0.83 0.00	36.64 0.92 -0.17	40.43 0.94 -0.54	45.57 0.84 -0.87	51.81 0.79 -1.11	57.19 0.85 -1.32	66.09 0.86 -2.14	69.76 0.73 0.00	89.36 0.37 0.00	86.22 0.19 0.00	76.80 -0.15 0.00	66.66 -0.01 0.00	63.41 0.01 0.00	52.77 0.59 -0.11
GOWANUS_GT1_3 24079	33.30 1.00 0.00	30.94 0.89 0.00	28.46 0.74 0.00	27.79 0.65 0.00	30.01 0.53 0.00	28.85 0.53 0.00	29.92 0.57 0.00	28.43 0.64 0.00	29.71 0.65 0.00	29.81 0.73 0.00	32.16 0.83 0.00	36.64 0.92 -0.17	40.43 0.94 -0.54	45.57 0.84 -0.87	51.81 0.79 -1.11	57.19 0.85 -1.32	66.09 0.86 -2.14	69.76 0.73 0.00	89.36 0.37 0.00	86.22 0.19 0.00	76.80 -0.15 0.00	66.66 -0.01 0.00	63.41 0.01 0.00	52.77 0.59 -0.11
GOWANUS_GT1_4 24080	33.30 1.00 0.00	30.94 0.89 0.00	28.46 0.74 0.00	27.79 0.65 0.00	30.01 0.53 0.00	28.85 0.53 0.00	29.92 0.57 0.00	28.43 0.64 0.00	29.71 0.65 0.00	29.81 0.73 0.00	32.16 0.83 0.00	36.64 0.92 -0.17	40.43 0.94 -0.54	45.57 0.84 -0.87	51.81 0.79 -1.11	57.19 0.85 -1.32	66.09 0.86 -2.14	69.76 0.73 0.00	89.36 0.37 0.00	86.22 0.19 0.00	76.80 -0.15 0.00	66.66 -0.01 0.00	63.41 0.01 0.00	52.77 0.59 -0.11
GOWANUS_GT1_5 24084	33.30 1.00 0.00	30.94 0.89 0.00	28.46 0.74 0.00	27.79 0.65 0.00	30.01 0.53 0.00	28.85 0.53 0.00	29.92 0.57 0.00	28.43 0.64 0.00	29.71 0.65 0.00	29.81 0.73 0.00	32.16 0.83 0.00	36.64 0.92 -0.17	40.43 0.94 -0.54	45.57 0.84 -0.87	51.81 0.79 -1.11	57.19 0.85 -1.32	66.09 0.86 -2.14	69.76 0.73 0.00	89.36 0.37 0.00	86.22 0.19 0.00	76.80 -0.15 0.00	66.66 -0.01 0.00	63.41 0.01 0.00	52.77 0.59 -0.11
GOWANUS_GT1_6 24111	33.30 1.00 0.00	30.94 0.89 0.00	28.46 0.74 0.00	27.79 0.65 0.00	30.01 0.53 0.00	28.85 0.53 0.00	29.92 0.57 0.00																	

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GOWANUS_GT4_5 24134	33.30 1.00 0.00	30.94 0.89 0.00	28.46 0.74 0.00	27.79 0.65 0.00	30.01 0.53 0.00	28.85 0.53 0.00	29.92 0.57 0.00	28.43 0.64 0.00	29.71 0.65 0.00	29.81 0.73 0.00	32.16 0.83 0.00	36.64 0.92 -0.17	40.43 0.94 -0.54	45.57 0.84 -0.87	51.81 0.79 -1.11	57.19 0.85 -1.32	66.09 0.86 -2.14	69.76 0.73 0.00	89.36 0.37 0.00	86.22 0.19 0.00	76.80 -0.15 0.00	66.66 -0.01 0.00	63.41 0.01 0.00	52.77 0.59 -0.11
GOWANUS_GT4_6 24135	33.30 1.00 0.00	30.94 0.89 0.00	28.46 0.74 0.00	27.79 0.65 0.00	30.01 0.53 0.00	28.85 0.53 0.00	29.92 0.57 0.00	28.43 0.64 0.00	29.71 0.65 0.00	29.81 0.73 0.00	32.16 0.83 0.00	36.64 0.92 -0.17	40.43 0.94 -0.54	45.57 0.84 -0.87	51.81 0.79 -1.11	57.19 0.85 -1.32	66.09 0.86 -2.14	69.76 0.73 0.00	89.36 0.37 0.00	86.22 0.19 0.00	76.80 -0.15 0.00	66.66 -0.01 0.00	63.41 0.01 0.00	52.77 0.59 -0.11
GOWANUS_GT4_7 24136	33.30 1.00 0.00	30.94 0.89 0.00	28.46 0.74 0.00	27.79 0.65 0.00	30.01 0.53 0.00	28.85 0.53 0.00	29.92 0.57 0.00	28.43 0.64 0.00	29.71 0.65 0.00	29.81 0.73 0.00	32.16 0.83 0.00	36.64 0.92 -0.17	40.43 0.94 -0.54	45.57 0.84 -0.87	51.81 0.79 -1.11	57.19 0.85 -1.32	66.09 0.86 -2.14	69.76 0.73 0.00	89.36 0.37 0.00	86.22 0.19 0.00	76.80 -0.15 0.00	66.66 -0.01 0.00	63.41 0.01 0.00	52.77 0.59 -0.11
GOWANUS_GT4_8 24137	33.30 1.00 0.00	30.94 0.89 0.00	28.46 0.74 0.00	27.79 0.65 0.00	30.01 0.53 0.00	28.85 0.53 0.00	29.92 0.57 0.00	28.43 0.64 0.00	29.71 0.65 0.00	29.81 0.73 0.00	32.16 0.83 0.00	36.64 0.92 -0.17	40.43 0.94 -0.54	45.57 0.84 -0.87	51.81 0.79 -1.11	57.19 0.85 -1.32	66.09 0.86 -2.14	69.76 0.73 0.00	89.36 0.37 0.00	86.22 0.19 0.00	76.80 -0.15 0.00	66.66 -0.01 0.00	63.41 0.01 0.00	52.77 0.59 -0.11
GREATVR_69_KV_BK1 356245	33.38 1.08 0.00	31.11 1.06 0.00	28.59 0.87 0.00	27.85 0.71 0.00	30.10 0.61 0.00	28.87 0.55 0.00	29.98 0.63 0.00	28.35 0.57 0.00	29.72 0.66 0.00	29.88 0.80 0.00	32.59 1.26 0.00	36.94 1.22 -0.17	40.69 1.20 -0.54	45.56 0.84 -0.87	37.54 0.73 13.09	31.19 0.99 24.82	53.03 1.50 11.55	68.85 1.52 1.70	45.16 0.85 44.68	43.37 0.67 43.33	31.53 0.19 45.61	30.69 0.16 36.14	34.94 -0.01 28.45	51.12 0.34 1.28
GREENBSH_115KV_TB3 55895	32.21 -0.09 0.00	30.08 0.03 0.00	27.88 0.15 0.00	27.31 0.16 0.00	29.68 0.19 0.00	28.49 0.17 0.00	29.46 0.11 0.00	27.86 0.07 0.00	28.97 -0.09 0.00	28.84 -0.24 0.00	30.95 -0.38 0.00	34.71 -0.69 0.15	37.59 -0.89 0.47	41.85 -1.25 0.75	48.00 -0.95 0.95	53.39 -0.49 1.13	60.93 -0.31 1.85	68.65 -0.39 0.00	89.02 0.02 0.00	86.15 0.12 0.00	76.99 0.05 0.00	66.64 -0.03 0.00	63.26 -0.15 0.00	52.03 0.05 0.09
GREENDGE_115KV_TB5 80291	32.85 0.55 0.00	30.44 0.39 0.00	27.75 0.03 0.00	27.06 -0.08 0.00	29.39 -0.10 0.00	28.27 -0.05 0.00	29.50 0.15 0.00	27.96 0.17 0.00	29.40 0.34 0.00	29.41 0.33 0.00	31.90 0.57 0.00	36.41 0.86 0.00	40.05 1.11 0.00	45.54 1.69 0.00	51.91 2.00 0.00	57.05 2.03 0.00	65.42 2.33 0.00	72.14 3.11 0.00	92.43 3.23 -0.21	89.80 3.71 -0.06	80.90 3.90 -0.05	69.96 3.22 -0.08	66.33 2.81 -0.12	53.78 1.71 0.00
GREENIDGE___3 23582	32.85 0.55 0.00	30.44 0.39 0.00	27.75 0.03 0.00	27.06 -0.08 0.00	29.39 -0.10 0.00	28.27 -0.05 0.00	29.50 0.15 0.00	27.96 0.17 0.00	29.40 0.34 0.00	29.41 0.33 0.00	31.90 0.57 0.00	36.41 0.86 0.00	40.05 1.11 0.00	45.54 1.69 0.00	51.91 2.00 0.00	57.05 2.03 0.00	65.42 2.33 0.00	72.14 3.11 0.00	92.43 3.23 -0.21	89.80 3.71 -0.06	80.90 3.90 -0.05	69.96 3.22 -0.08	66.33 2.81 -0.12	53.78 1.71 0.00
GREENIDGE___4 23583	32.85 0.55 0.00	30.44 0.39 0.00	27.75 0.03 0.00	27.06 -0.08 0.00	29.39 -0.10 0.00	28.27 -0.05 0.00	29.50 0.15 0.00	27.96 0.17 0.00	29.40 0.34 0.00	29.41 0.33 0.00	31.90 0.57 0.00	36.41 0.86 0.00	40.05 1.10 0.00	45.55 1.71 0.00	51.92 2.01 0.00	57.04 2.02 0.00	65.42 2.34 0.00	72.14 3.11 0.00	92.43 3.22 -0.21	89.76 3.68 -0.06	80.90 3.91 -0.05	69.96 3.22 -0.08	66.33 2.81 -0.12	53.78 1.71 0.00
GREENLWN_69_KV_BK 3 55738	32.67 0.37 0.00	30.53 0.48 0.00	28.10 0.38 0.00	27.40 0.27 0.00	29.64 0.15 0.00	28.42 0.10 0.00	29.50 0.14 0.00	27.83 0.04 0.00	29.12 0.06 0.00	29.30 0.22 0.00	31.95 0.62 0.00	36.22 0.51 -0.17	39.87 0.37 -0.54	44.50 -0.23 -0.87	36.02 -0.66 13.23	29.34 -0.61 25.06	50.79 -0.61 11.68	66.47 -0.84 1.72	41.83 -2.07 45.10	40.13 -2.16 43.74	28.74 -2.17 46.04	28.22 -1.97 36.48	32.78 -1.90 28.72	49.87 -0.91 1.29
GREENWD_138_KV_38B11_REV_LBMP_J 345004	33.30 1.00 0.00	30.94 0.89 0.00	28.46 0.74 0.00	27.79 0.65 0.00	30.01 0.53 0.00	28.85 0.53 0.00	29.92 0.57 0.00	28.43 0.64 0.00	29.71 0.65 0.00	29.81 0.73 0.00	32.16 0.83 0.00	36.64 0.92 -0.17	40.43 0.94 -0.54	45.57 0.84 -0.87	51.81 0.79 -1.11	57.19 0.85 -1.32	66.09 0.86 -2.14	69.76 0.73 0.00	89.36 0.37 0.00	86.22 0.19 0.00	76.80 -0.15 0.00	66.66 -0.01 0.00	63.41 0.01 0.00	52.77 0.59 -0.11
GRISSOM___SOLAR 323813	33.83 1.53 0.00	31.39 1.34 0.00	28.89 1.17 0.00	28.23 1.09 0.00	30.69 1.20 0.00	29.48 1.16 0.00	30.54 1.18 0.00	28.55 0.75 0.00	29.25 0.18 0.00	28.97 -0.10 0.00	31.11 -0.21 0.00	35.20 -0.22 0.12	38.29 -0.30 0.36	42.92 -0.35 0.59	48.74 -0.42 0.75	53.67 -0.46 0.89	61.62 -0.02 1.44	69.67 0.64 0.00	91.84 2.85 0.00	90.48 4.45 0.00	81.41 4.47 0.00	70.46 3.79 0.00	66.77 3.37 0.00	54.57 2.57 0.07
GROVEVILLE___HYD 323602	33.26 0.96 0.00	30.94 0.89 0.00	28.53 0.81 0.00	27.89 0.75 0.00	30.23 0.74 0.00	29.04 0.72 0.00	30.10 0.74 0.00	28.54 0.75 0.00	29.80 0.74 0.00	29.82 0.75 0.00	32.22 0.90 0.00	36.64 0.96 -0.14	40.39 1.01 -0.43	45.58 1.04 -0.70	52.01 1.22 -0.88	57.56 1.49 -1.05	66.63 1.84 -1.71	71.00 1.97 0.00	91.08 2.08 0.00	87.79 1.75 0.00	78.22 1.27 0.00	67.67 1.00 0.00	64.19 0.79 0.00	53.02 0.86 -0.09
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	32.25 -0.05 0.00	29.91 -0.15 0.00	27.47 -0.26 0.00	26.84 -0.30 0.00	29.17 -0.32 0.00	28.04 -0.28 0.00	29.12 -0.24 0.00	27.57 -0.22 0.00	28.86 -0.20 0.00	28.87 -0.21 0.00	31.24 -0.09 0.00	35.54 -0.01 0.00	39.05 0.10 0.00	44.22 0.37 0.00	50.44 0.53 0.00	55.67 0.65 0.00	63.87 0.79 0.00	70.10 1.07 0.00	90.89 1.28 -0.62	87.59 1.39 -0.16	78.57 1.14 -0.49	68.03 0.85 -0.52	64.60 0.66 -0.53	52.40 0.33 0.00
HAMLTNNY_34_KV_TB 80303	32.58 0.28 0.00	30.19 0.14 0.00	27.67 -0.05 0.00	26.98 -0.16 0.00	29.30 -0.19 0.00	28.18 -0.14 0.00	29.30 -0.05 0.00	27.77 -0.02 0.00	29.10 0.04 0.00	29.15 0.08 0.00	31.60 0.27 0.00	35.99 0.44 0.00	39.63 0.68 0.00	44.97 1.12 0.00	51.31 1.40 0.00	56.60 1.59 0.00	64.87 1.79 0.00	71.19 2.16 0.00	92.19 2.61 -0.59	88.89 2.70 -0.16	79.46 2.37 -0.15	68.78 1.89 -0.21	65.44 1.70 -0.35	53.18 1.11 0.00

HAMPSHIRE___PAPER_HYD 323593	33.40 1.10 0.00	30.88 0.82 0.00	28.31 0.59 0.00	27.75 0.61 0.00	30.21 0.72 0.00	29.11 0.79 0.00	30.31 0.95 0.00	28.73 0.94 0.00	30.09 1.03 0.00	30.19 1.12 0.00	32.40 1.08 0.00	36.66 1.12 0.00	40.13 1.18 0.00	45.19 1.34 0.00	51.44 1.53 0.00	56.51 1.49 0.00	64.75 1.67 0.00	71.13 2.10 0.00	92.69 3.50 -0.19	90.48 4.40 -0.05	104.25 4.71 -22.60	115.17 4.08 -44.42	72.06 3.82 -4.84	54.88 2.82 0.00
HARDSCRABBLE_WT_PWR 323673	32.88 0.58 0.00	30.62 0.57 0.00	28.35 0.63 0.00	27.75 0.61 0.00	30.15 0.66 0.00	28.93 0.62 0.00	29.87 0.51 0.00	28.13 0.34 0.00	28.89 -0.18 0.00	28.54 -0.53 0.00	30.61 -0.72 0.00	34.51 -1.04 0.00	37.83 -1.12 0.00	42.53 -1.31 0.00	48.75 -1.16 0.00	54.19 -0.82 0.00	62.50 -0.58 0.00	69.02 -0.01 0.00	90.24 1.24 0.00	88.06 2.03 0.00	78.79 1.84 0.00	67.94 1.27 0.00	64.21 0.81 0.00	52.78 0.71 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	33.13 0.83 0.00	30.81 0.76 0.00	28.39 0.67 0.00	27.75 0.61 0.00	30.06 0.57 0.00	28.87 0.56 0.00	29.94 0.59 0.00	28.37 0.58 0.00	29.65 0.59 0.00	29.71 0.63 0.00	32.12 0.79 0.00	36.56 0.87 -0.15	40.32 0.89 -0.47	45.53 0.91 -0.76	51.91 1.04 -0.96	57.49 1.33 -1.15	66.60 1.65 -1.87	70.68 1.65 0.00	90.57 1.57 0.00	87.31 1.28 0.00	77.77 0.82 0.00	67.32 0.65 0.00	63.88 0.47 0.00	52.82 0.66 -0.10
HARSNRAD_115KV_TB1 81005	32.98 0.68 0.00	30.55 0.49 0.00	27.49 -0.23 0.00	26.61 -0.53 0.00	28.87 -0.62 0.00	27.74 -0.58 0.00	29.17 -0.18 0.00	27.85 0.06 0.00	29.85 0.79 0.00	30.19 1.11 0.00	32.92 1.59 0.00	37.63 2.09 0.00	41.53 2.58 0.00	47.75 3.89 -0.01	54.12 4.21 0.00	59.36 4.35 0.00	67.16 4.08 0.00	73.64 4.61 0.00	93.60 4.61 0.00	91.13 5.09 0.00	81.49 4.54 0.00	70.93 4.26 0.00	68.07 4.66 0.00	55.08 3.02 0.00
HARZA MOOSE___RIVER 24016	33.23 0.93 0.00	30.65 0.59 0.00	28.05 0.33 0.00	27.49 0.35 0.00	29.99 0.50 0.00	28.90 0.58 0.00	30.09 0.74 0.00	28.51 0.72 0.00	29.79 0.73 0.00	29.83 0.75 0.00	32.17 0.85 0.00	36.38 0.83 0.00	39.86 0.90 0.00	44.98 1.13 0.00	51.37 1.46 0.00	56.68 1.66 0.00	65.20 2.12 0.00	71.71 2.68 0.00	93.50 4.34 -0.17	91.24 5.16 -0.04	88.12 4.90 -6.28	83.15 4.15 -12.32	68.48 3.67 -1.40	54.74 2.67 0.00
HDSNBRDG_115KV_BRDG_TB1 355580	31.97 -0.33 0.00	29.67 -0.38 0.00	27.25 -0.47 0.00	26.63 -0.51 0.00	28.95 -0.54 0.00	27.84 -0.48 0.00	28.90 -0.45 0.00	27.37 -0.42 0.00	28.67 -0.39 0.00	28.69 -0.38 0.00	31.06 -0.27 0.00	35.32 -0.23 0.00	38.79 -0.16 0.00	43.90 0.05 0.00	50.06 0.15 0.00	55.24 0.23 0.00	63.36 0.28 0.00	69.53 0.49 0.00	89.83 0.50 -0.34	86.77 0.65 -0.09	77.83 0.42 -0.46	67.39 0.27 -0.45	63.88 0.09 -0.39	51.94 -0.13 0.00
HELLGATE_13_KV_LD 55870	33.41 1.11 0.00	31.12 1.07 0.00	28.65 0.93 0.00	27.97 0.83 0.00	30.24 0.74 0.00	29.05 0.73 0.00	30.14 0.78 0.00	28.65 0.86 0.00	29.96 0.90 0.00	30.07 0.99 0.00	32.43 1.10 0.00	36.92 1.20 -0.17	40.73 1.24 -0.54	45.93 1.20 -0.87	52.23 1.21 -1.11	57.65 1.32 -1.32	66.59 1.36 -2.14	70.36 1.33 0.00	90.05 1.06 0.00	86.79 0.76 0.00	77.28 0.33 0.00	66.98 0.31 0.00	63.73 0.33 0.00	53.03 0.86 -0.11
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	33.41 1.11 0.00	31.12 1.07 0.00	28.65 0.93 0.00	27.97 0.83 0.00	30.24 0.74 0.00	29.05 0.73 0.00	30.14 0.78 0.00	28.65 0.86 0.00	29.96 0.90 0.00	30.07 0.99 0.00	32.43 1.10 0.00	36.92 1.20 -0.17	40.73 1.24 -0.54	45.93 1.20 -0.87	52.23 1.21 -1.11	57.65 1.32 -1.32	66.59 1.36 -2.14	70.36 1.33 0.00	90.05 1.06 0.00	86.79 0.76 0.00	77.28 0.33 0.00	66.98 0.31 0.00	63.73 0.33 0.00	53.03 0.86 -0.11
HEMPSTEAD___ 23647	32.97 0.67 0.00	30.72 0.66 0.00	28.28 0.56 0.00	27.60 0.46 0.00	29.87 0.38 0.00	28.67 0.35 0.00	29.75 0.40 0.00	28.17 0.38 0.00	29.48 0.42 0.00	29.60 0.53 0.00	32.16 0.83 0.00	36.50 0.78 -0.17	40.23 0.73 -0.54	45.14 0.42 -0.87	44.42 0.27 5.76	44.06 0.36 11.32	59.05 0.45 4.48	68.53 0.37 0.87	66.71 -0.42 21.86	64.33 -0.75 20.96	53.96 -0.92 22.06	48.46 -0.73 17.48	48.82 -0.82 13.76	51.40 -0.10 0.56
HICKLING___1 23621	32.48 0.19 0.00	30.12 0.06 0.00	27.49 -0.23 0.00	26.86 -0.28 0.00	29.19 -0.30 0.00	28.09 -0.23 0.00	29.34 -0.02 0.00	27.72 -0.07 0.00	29.19 0.13 0.00	29.20 0.12 0.00	31.79 0.47 0.00	36.34 0.79 0.00	39.86 0.91 0.00	45.37 1.52 0.00	51.90 1.99 0.00	57.31 2.30 0.00	65.64 2.56 0.00	72.19 3.16 0.00	92.34 3.14 -0.20	89.90 3.82 -0.05	80.30 3.30 -0.05	69.51 2.77 -0.07	65.92 2.39 -0.12	53.45 1.39 0.00
HICKLING___2 23622	32.48 0.19 0.00	30.12 0.06 0.00	27.49 -0.23 0.00	26.86 -0.28 0.00	29.19 -0.30 0.00	28.09 -0.23 0.00	29.34 -0.02 0.00	27.72 -0.07 0.00	29.19 0.13 0.00	29.20 0.12 0.00	31.79 0.47 0.00	36.34 0.79 0.00	39.86 0.91 0.00	45.37 1.52 0.00	51.90 1.99 0.00	57.31 2.30 0.00	65.64 2.56 0.00	72.19 3.16 0.00	92.34 3.14 -0.20	89.90 3.82 -0.05	80.30 3.30 -0.05	69.51 2.77 -0.07	65.92 2.39 -0.12	53.45 1.39 0.00
HIGH FALLS___HY 23754	33.26 0.96 0.00	30.89 0.84 0.00	28.45 0.73 0.00	27.80 0.66 0.00	30.12 0.63 0.00	28.94 0.62 0.00	29.99 0.64 0.00	28.44 0.65 0.00	29.73 0.67 0.00	29.73 0.66 0.00	32.11 0.78 0.00	36.48 0.84 -0.09	40.18 0.94 -0.28	45.26 0.96 -0.46	51.27 0.78 -0.58	56.69 0.99 -0.69	65.61 1.41 -1.12	70.73 1.69 0.00	90.74 1.74 0.00	87.54 1.51 0.00	78.39 1.44 0.00	67.86 1.19 0.00	64.41 1.01 0.00	53.10 0.98 -0.06
HIGH_RIVER___SOLAR 323847	33.20 0.90 0.00	30.87 0.82 0.00	28.49 0.77 0.00	27.87 0.73 0.00	30.30 0.81 0.00	29.08 0.76 0.00	30.13 0.78 0.00	28.34 0.55 0.00	29.23 0.17 0.00	28.94 -0.14 0.00	31.03 -0.30 0.00	35.03 -0.39 0.13	38.11 -0.45 0.39	42.71 -0.51 0.63	48.56 -0.55 0.80	53.52 -0.55 0.95	61.30 -0.24 1.55	69.36 0.33 0.00	90.63 1.63 0.00	88.37 2.34 0.00	79.27 2.33 0.00	68.60 1.93 0.00	65.06 1.66 0.00	53.34 1.35 0.07
HILLBURN___GT 23639	33.01 0.71 0.00	30.70 0.64 0.00	28.29 0.57 0.00	27.65 0.51 0.00	29.93 0.44 0.00	28.76 0.44 0.00	29.83 0.48 0.00	28.28 0.49 0.00	29.57 0.50 0.00	29.64 0.57 0.00	32.04 0.71 0.00	36.46 0.76 -0.16	40.17 0.73 -0.49	45.32 0.68 -0.79	51.64 0.73 -1.00	57.14 0.94 -1.19	66.17 1.16 -1.93	70.05 1.02 0.00	89.66 0.66 0.00	86.45 0.42 0.00	77.05 0.10 0.00	66.77 0.10 0.00	63.39 -0.01 0.00	52.52 0.36 -0.10
HILLSIDE_115KV_TB1 80332	32.01 -0.28 0.00	29.70 -0.35 0.00	27.18 -0.54 0.00	26.58 -0.56 0.00	28.90 -0.59 0.00	27.79 -0.53 0.00	28.99 -0.37 0.00	27.36 -0.43 0.00	28.79 -0.27 0.00	28.75 -0.33 0.00	31.29 -0.04 0.00	35.74 0.20 0.00	39.12 0.17 0.00	44.49 0.63 0.00	50.91 1.00 0.00	56.24 1.22 0.00	64.38 1.30 0.00	70.74 1.71 0.00	90.26 1.05 -0.21	87.73 1.65 -0.06	78.37 1.38 -0.05	67.89 1.15 -0.08	64.44 0.91 -0.12	52.39 0.32 0.00

HISHELDN_WT_PWR 323625	32.62 0.32 0.00	30.20 0.14 0.00	27.26 -0.46 0.00	26.48 -0.66 0.00	28.72 -0.77 0.00	27.64 -0.68 0.00	29.03 -0.32 0.00	27.66 -0.13 0.00	29.53 0.47 0.00	29.81 0.73 0.00	32.57 1.24 0.00	37.30 1.75 0.00	41.12 2.17 0.00	47.13 3.27 -0.01	53.56 3.65 0.00	58.88 3.86 0.00	66.94 3.86 0.00	73.46 4.43 0.00	93.55 4.55 0.00	91.31 5.28 0.00	81.65 4.70 0.00	70.88 4.21 0.00	67.73 4.33 0.00	54.84 2.78 0.00
HOLTSVILLE_IC_1 23690	32.86 0.57 0.00	30.67 0.61 0.00	28.19 0.47 0.00	27.48 0.34 0.00	29.70 0.21 0.00	28.49 0.17 0.00	29.57 0.22 0.00	27.96 0.17 0.00	29.28 0.22 0.00	29.44 0.36 0.00	32.09 0.76 0.00	36.30 0.58 -0.17	39.91 0.42 -0.54	44.63 -0.10 -0.87	35.93 -0.36 13.62	29.02 -0.21 25.78	51.19 0.16 12.06	67.22 -0.05 1.76	41.45 -1.22 46.32	39.88 -1.21 44.94	28.19 -1.46 47.29	28.00 -1.19 37.48	32.66 -1.24 29.51	50.07 -0.67 1.33
HOLTSVILLE_IC_10 23699	33.01 0.71 0.00	30.78 0.72 0.00	28.29 0.57 0.00	27.57 0.43 0.00	29.79 0.30 0.00	28.57 0.25 0.00	29.66 0.31 0.00	28.05 0.26 0.00	29.38 0.32 0.00	29.55 0.48 0.00	32.22 0.89 0.00	36.47 0.75 -0.17	40.12 0.62 -0.54	44.90 0.17 -0.87	36.42 0.01 13.50	29.69 0.23 25.55	51.87 0.73 11.93	67.87 0.58 1.75	42.59 -0.48 45.93	40.96 -0.52 44.55	29.18 -0.88 46.89	28.83 -0.69 37.16	33.34 -0.81 29.25	50.36 -0.39 1.32
HOLTSVILLE_IC_2 23691	32.86 0.57 0.00	30.67 0.61 0.00	28.19 0.47 0.00	27.48 0.34 0.00	29.70 0.21 0.00	28.49 0.17 0.00	29.57 0.22 0.00	27.96 0.17 0.00	29.28 0.22 0.00	29.44 0.36 0.00	32.09 0.76 0.00	36.30 0.58 -0.17	39.91 0.42 -0.54	44.63 -0.10 -0.87	35.93 -0.36 13.62	29.02 -0.21 25.78	51.19 0.16 12.06	67.22 -0.05 1.76	41.45 -1.22 46.32	39.88 -1.21 44.94	28.19 -1.46 47.29	28.00 -1.19 37.48	32.66 -1.24 29.51	50.07 -0.67 1.33
HOLTSVILLE_IC_3 23692	32.86 0.57 0.00	30.67 0.61 0.00	28.19 0.47 0.00	27.48 0.34 0.00	29.70 0.21 0.00	28.49 0.17 0.00	29.57 0.22 0.00	27.96 0.17 0.00	29.28 0.22 0.00	29.44 0.36 0.00	32.09 0.76 0.00	36.30 0.58 -0.17	39.91 0.42 -0.54	44.63 -0.10 -0.87	35.93 -0.36 13.62	29.02 -0.21 25.78	51.19 0.16 12.06	67.22 -0.05 1.76	41.45 -1.22 46.32	39.88 -1.21 44.94	28.19 -1.46 47.29	28.00 -1.19 37.48	32.66 -1.24 29.51	50.07 -0.67 1.33
HOLTSVILLE_IC_4 23693	32.86 0.57 0.00	30.67 0.61 0.00	28.19 0.47 0.00	27.48 0.34 0.00	29.70 0.21 0.00	28.49 0.17 0.00	29.57 0.22 0.00	27.96 0.17 0.00	29.28 0.22 0.00	29.44 0.36 0.00	32.09 0.76 0.00	36.30 0.58 -0.17	39.91 0.42 -0.54	44.63 -0.10 -0.87	35.93 -0.36 13.62	29.02 -0.21 25.78	51.19 0.16 12.06	67.22 -0.05 1.76	41.45 -1.22 46.32	39.88 -1.21 44.94	28.19 -1.46 47.29	28.00 -1.19 37.48	32.66 -1.24 29.51	50.07 -0.67 1.33
HOLTSVILLE_IC_5 23694	32.86 0.57 0.00	30.67 0.61 0.00	28.19 0.47 0.00	27.48 0.34 0.00	29.70 0.21 0.00	28.49 0.17 0.00	29.57 0.22 0.00	27.96 0.17 0.00	29.28 0.22 0.00	29.44 0.36 0.00	32.09 0.76 0.00	36.30 0.58 -0.17	39.91 0.42 -0.54	44.63 -0.10 -0.87	35.93 -0.36 13.62	29.02 -0.21 25.78	51.19 0.16 12.06	67.22 -0.05 1.76	41.45 -1.22 46.32	39.88 -1.21 44.94	28.19 -1.46 47.29	28.00 -1.19 37.48	32.66 -1.24 29.51	50.07 -0.67 1.33
HOLTSVILLE_IC_6 23695	33.01 0.71 0.00	30.78 0.72 0.00	28.29 0.57 0.00	27.57 0.43 0.00	29.79 0.30 0.00	28.57 0.25 0.00	29.66 0.31 0.00	28.05 0.26 0.00	29.38 0.32 0.00	29.55 0.48 0.00	32.22 0.89 0.00	36.47 0.75 -0.17	40.12 0.62 -0.54	44.90 0.17 -0.87	36.42 0.01 13.50	29.69 0.23 25.55	51.87 0.73 11.93	67.87 0.58 1.75	42.59 -0.48 45.93	40.96 -0.52 44.55	29.18 -0.88 46.89	28.83 -0.69 37.16	33.34 -0.81 29.25	50.36 -0.39 1.32
HOLTSVILLE_IC_7 23696	33.01 0.71 0.00	30.78 0.72 0.00	28.29 0.57 0.00	27.57 0.43 0.00	29.79 0.30 0.00	28.57 0.25 0.00	29.66 0.31 0.00	28.05 0.26 0.00	29.38 0.32 0.00	29.55 0.48 0.00	32.22 0.89 0.00	36.47 0.75 -0.17	40.12 0.62 -0.54	44.90 0.17 -0.87	36.42 0.01 13.50	29.69 0.23 25.55	51.87 0.73 11.93	67.87 0.58 1.75	42.59 -0.48 45.93	40.96 -0.52 44.55	29.18 -0.88 46.89	28.83 -0.69 37.16	33.34 -0.81 29.25	50.36 -0.39 1.32
HOLTSVILLE_IC_8 23697	33.01 0.71 0.00	30.78 0.72 0.00	28.29 0.57 0.00	27.57 0.43 0.00	29.79 0.30 0.00	28.57 0.25 0.00	29.66 0.31 0.00	28.05 0.26 0.00	29.38 0.32 0.00	29.55 0.48 0.00	32.22 0.89 0.00	36.47 0.75 -0.17	40.12 0.62 -0.54	44.90 0.17 -0.87	36.42 0.01 13.50	29.69 0.23 25.55	51.87 0.73 11.93	67.87 0.58 1.75	42.59 -0.48 45.93	40.96 -0.52 44.55	29.18 -0.88 46.89	28.83 -0.69 37.16	33.34 -0.81 29.25	50.36 -0.39 1.32
HOLTSVILLE_IC_9 23698	33.01 0.71 0.00	30.78 0.72 0.00	28.29 0.57 0.00	27.57 0.43 0.00	29.79 0.30 0.00	28.57 0.25 0.00	29.66 0.31 0.00	28.05 0.26 0.00	29.38 0.32 0.00	29.55 0.48 0.00	32.22 0.89 0.00	36.47 0.75 -0.17	40.12 0.62 -0.54	44.90 0.17 -0.87	36.42 0.01 13.50	29.69 0.23 25.55	51.87 0.73 11.93	67.87 0.58 1.75	42.59 -0.48 45.93	40.96 -0.52 44.55	29.18 -0.88 46.89	28.83 -0.69 37.16	33.34 -0.81 29.25	50.36 -0.39 1.32
HOMER_HL_115KV_TB2 355744	32.58 0.28 0.00	30.17 0.12 0.00	27.42 -0.30 0.00	26.74 -0.40 0.00	28.96 -0.53 0.00	27.82 -0.50 0.00	29.28 -0.07 0.00	27.83 0.04 0.00	29.70 0.64 0.00	30.01 0.93 0.00	32.83 1.51 0.00	37.68 2.14 0.00	41.29 2.34 0.00	46.95 3.10 -0.01	53.53 3.62 0.00	58.90 3.88 0.00	66.85 3.77 0.00	73.01 3.97 0.00	92.69 3.69 0.00	90.42 4.39 0.00	80.76 3.82 0.00	70.11 3.45 0.00	66.75 3.35 0.00	54.23 2.17 0.00
HOWARD_WT_PWR 323690	32.33 0.03 0.00	30.09 0.04 0.00	27.32 -0.41 0.00	26.59 -0.55 0.00	28.88 -0.61 0.00	27.90 -0.42 0.00	29.25 -0.10 0.00	27.76 -0.03 0.00	29.45 0.39 0.00	29.59 0.52 0.00	32.22 0.90 0.00	36.86 1.31 0.00	40.54 1.59 0.00	46.28 2.43 0.00	52.80 2.89 0.00	58.14 3.13 0.00	66.50 3.42 0.00	73.23 4.20 0.00	93.90 4.75 -0.15	91.85 5.78 -0.04	82.05 5.07 -0.04	70.76 4.04 -0.06	67.09 3.60 -0.09	53.96 1.90 0.00
HQ_GEN_CEDARS 23644	33.18 0.88 0.00	30.89 0.84 0.00	28.50 0.77 0.00	27.95 0.81 0.00	30.31 0.82 0.00	29.10 0.78 0.00	30.23 0.87 0.00	28.66 0.87 0.00	30.05 0.98 0.00	30.19 1.12 0.00	32.34 1.02 0.00	36.78 1.23 0.00	40.30 1.34 0.00	45.24 1.38 0.00	51.26 1.35 0.00	56.19 1.17 0.00	64.22 1.14 0.00	70.21 1.18 0.00	90.21 1.21 0.00	87.14 1.11 0.00	119.61 1.77 -40.89	154.72 1.58 -86.47	72.27 1.90 -6.96	53.57 1.50 0.00
HQ_GEN_CEDARS_PROXY 323590	33.17 0.88 0.00	30.89 0.83 0.00	28.49 0.77 0.00	27.95 0.81 0.00	30.31 0.82 0.00	29.10 0.78 0.00	30.23 0.87 0.00	28.66 0.87 0.00	30.05 0.98 0.00	30.19 1.12 0.00	32.34 1.02 0.00	36.78 1.23 0.00	40.30 1.35 0.00	45.23 1.38 0.00	51.26 1.35 0.00	56.19 1.17 0.00	61.53 1.14 2.69	70.21 1.18 0.00	90.21 1.21 0.00	87.14 1.11 0.00	119.61 1.77 -40.89	154.71 1.58 -86.47	72.27 1.90 -6.96	53.57 1.50 0.00

HQ_GEN_IMPORT 323601	32.56 0.26 0.00	30.32 0.26 0.00	27.97 0.25 0.00	27.41 0.27 0.00	29.76 0.27 0.00	28.57 0.25 0.00	30.80 0.29 -1.16	28.09 0.30 0.00	29.43 0.37 0.00	29.51 0.43 0.00	31.71 0.38 0.00	36.03 0.49 0.00	39.49 0.53 0.00	44.39 0.54 0.00	50.38 0.47 0.00	55.39 0.38 0.00	63.40 0.32 0.00	69.34 0.31 0.00	89.48 0.49 0.00	86.41 0.37 0.00	75.88 0.47 1.54	64.09 0.45 3.03	61.93 0.57 2.04	52.11 0.44 0.40
HQ_GEN_WHEEL 23651	32.56 0.26 0.00	30.32 0.26 0.00	27.97 0.25 0.00	27.41 0.27 0.00	29.76 0.27 0.00	28.57 0.25 0.00	30.80 0.29 -1.16	28.09 0.30 0.00	29.43 0.37 0.00	29.51 0.43 0.00	31.71 0.38 0.00	36.03 0.49 0.00	39.49 0.53 0.00	44.39 0.54 0.00	50.38 0.47 0.00	55.39 0.38 0.00	63.40 0.32 0.00	69.34 0.31 0.00	89.48 0.49 0.00	86.41 0.37 0.00	75.88 0.47 1.54	64.09 0.45 3.03	61.93 0.57 2.04	52.11 0.44 0.40
HUDSON AVE_GT_3 23810	33.20 0.90 0.00	30.90 0.84 0.00	28.49 0.77 0.00	27.84 0.70 0.00	30.10 0.61 0.00	28.93 0.61 0.00	30.00 0.65 0.00	28.48 0.69 0.00	29.77 0.71 0.00	29.86 0.79 0.00	32.24 0.92 0.00	36.69 0.97 -0.17	40.48 0.98 -0.54	45.65 0.92 -0.87	51.96 0.95 -1.11	57.39 1.05 -1.32	66.43 1.21 -2.14	70.06 1.02 0.00	89.70 0.71 0.00	86.43 0.40 0.00	77.00 0.05 0.00	66.72 0.05 0.00	63.42 0.02 0.00	52.68 0.50 -0.11
HUDSON AVE_GT_4 23540	33.20 0.90 0.00	30.90 0.84 0.00	28.49 0.77 0.00	27.84 0.70 0.00	30.10 0.61 0.00	28.93 0.61 0.00	30.00 0.65 0.00	28.48 0.69 0.00	29.77 0.71 0.00	29.86 0.79 0.00	32.24 0.92 0.00	36.69 0.97 -0.17	40.48 0.98 -0.54	45.65 0.92 -0.87	51.96 0.95 -1.11	57.39 1.05 -1.32	66.43 1.21 -2.14	70.06 1.02 0.00	89.70 0.71 0.00	86.43 0.40 0.00	77.00 0.05 0.00	66.72 0.05 0.00	63.42 0.02 0.00	52.68 0.50 -0.11
HUDSON AVE_GT_5 23657	33.20 0.90 0.00	30.90 0.84 0.00	28.49 0.77 0.00	27.84 0.70 0.00	30.10 0.61 0.00	28.93 0.61 0.00	30.00 0.65 0.00	28.48 0.69 0.00	29.77 0.71 0.00	29.86 0.79 0.00	32.24 0.92 0.00	36.69 0.97 -0.17	40.48 0.98 -0.54	45.65 0.92 -0.87	51.96 0.95 -1.11	57.39 1.05 -1.32	66.43 1.21 -2.14	70.06 1.02 0.00	89.70 0.71 0.00	86.43 0.40 0.00	77.00 0.05 0.00	66.72 0.05 0.00	63.42 0.02 0.00	52.68 0.50 -0.11
HUDSON_AVE_10 24168	33.11 0.81 0.00	30.80 0.74 0.00	28.41 0.69 0.00	27.76 0.62 0.00	30.01 0.52 0.00	28.84 0.53 0.00	29.90 0.55 0.00	28.39 0.60 0.00	29.65 0.59 0.00	29.75 0.67 0.00	32.09 0.77 0.00	36.51 0.79 -0.17	40.28 0.79 -0.54	45.43 0.71 -0.87	51.67 0.65 -1.11	57.07 0.73 -1.32	66.05 0.83 -2.14	69.63 0.60 0.00	89.13 0.13 0.00	85.89 -0.14 0.00	76.50 -0.45 0.00	66.31 -0.36 0.00	63.08 -0.32 0.00	52.43 0.26 -0.11
HUDSON___115KV_TB 4 355613	32.95 0.64 0.00	30.72 0.66 0.00	28.43 0.70 0.00	27.84 0.70 0.00	30.25 0.76 0.00	29.04 0.72 0.00	30.05 0.70 0.00	28.38 0.59 0.00	29.37 0.31 0.00	29.13 0.06 0.00	31.24 -0.09 0.00	35.08 -0.36 0.10	38.11 -0.52 0.33	42.56 -0.77 0.52	48.79 -0.46 0.66	54.30 0.07 0.79	62.17 0.36 1.28	69.51 0.48 0.00	90.73 1.73 0.00	88.24 2.21 0.00	79.01 2.07 0.00	68.27 1.60 0.00	64.68 1.28 0.00	53.09 1.08 0.06
HUNTER MOUNT___DRP 323613	33.08 0.78 0.00	30.84 0.78 0.00	28.54 0.81 0.00	27.95 0.81 0.00	30.39 0.90 0.00	29.16 0.84 0.00	30.17 0.82 0.00	28.51 0.72 0.00	29.52 0.46 0.00	29.23 0.16 0.00	31.31 -0.02 0.00	35.20 -0.27 0.07	38.32 -0.42 0.21	42.88 -0.63 0.34	49.18 -0.30 0.43	54.82 0.32 0.52	62.89 0.65 0.84	69.90 0.86 0.00	91.28 2.28 0.00	88.75 2.71 0.00	79.43 2.48 0.00	68.61 1.94 0.00	64.95 1.55 0.00	53.28 1.25 0.04
HUNTINGTON_RES_REC 323705	32.80 0.50 0.00	30.63 0.57 0.00	28.16 0.44 0.00	27.45 0.31 0.00	29.67 0.18 0.00	28.46 0.14 0.00	29.54 0.19 0.00	27.90 0.11 0.00	29.22 0.16 0.00	29.39 0.32 0.00	32.08 0.75 0.00	36.34 0.63 -0.17	40.01 0.52 -0.54	44.73 0.00 -0.87	36.15 -0.31 13.45	29.38 -0.16 25.47	51.31 0.12 11.89	67.28 -0.01 1.74	42.00 -1.21 45.78	40.37 -1.25 44.41	28.69 -1.50 46.74	28.25 -1.38 37.04	32.79 -1.45 29.16	50.08 -0.68 1.31
HUNTLEY___63 23557	33.26 0.96 0.00	30.79 0.74 0.00	27.70 -0.02 0.00	26.81 -0.33 0.00	29.07 -0.42 0.00	27.94 -0.38 0.00	29.38 0.03 0.00	28.05 0.26 0.00	30.10 1.04 0.00	30.50 1.43 0.00	33.37 2.04 0.00	38.16 2.62 0.00	42.16 3.21 0.00	48.49 4.64 -0.01	55.01 5.10 0.00	60.37 5.35 0.00	68.37 5.29 0.00	75.01 5.98 0.00	95.29 6.29 0.00	92.66 6.63 0.00	82.73 5.79 0.00	71.93 5.27 0.00	69.03 5.63 0.00	55.86 3.79 0.00
HUNTLEY___64 23558	33.26 0.96 0.00	30.79 0.74 0.00	27.70 -0.02 0.00	26.81 -0.33 0.00	29.07 -0.42 0.00	27.94 -0.38 0.00	29.38 0.03 0.00	28.05 0.26 0.00	30.10 1.04 0.00	30.50 1.43 0.00	33.37 2.04 0.00	38.16 2.62 0.00	42.16 3.21 0.00	48.49 4.64 -0.01	55.01 5.10 0.00	60.37 5.35 0.00	68.37 5.29 0.00	75.01 5.98 0.00	95.29 6.29 0.00	92.66 6.63 0.00	82.73 5.79 0.00	71.93 5.27 0.00	69.03 5.63 0.00	55.86 3.79 0.00
HUNTLEY___65 23559	33.26 0.96 0.00	30.79 0.74 0.00	27.70 -0.02 0.00	26.81 -0.33 0.00	29.07 -0.42 0.00	27.94 -0.38 0.00	29.38 0.03 0.00	28.05 0.26 0.00	30.10 1.04 0.00	30.50 1.43 0.00	33.37 2.04 0.00	38.16 2.62 0.00	42.16 3.21 0.00	48.49 4.64 -0.01	55.01 5.10 0.00	60.37 5.35 0.00	68.37 5.29 0.00	75.01 5.98 0.00	95.29 6.29 0.00	92.66 6.63 0.00	82.73 5.79 0.00	71.93 5.27 0.00	69.03 5.63 0.00	55.86 3.79 0.00
HUNTLEY___66 23560	33.26 0.96 0.00	30.79 0.74 0.00	27.70 -0.02 0.00	26.81 -0.33 0.00	29.07 -0.42 0.00	27.94 -0.38 0.00	29.38 0.03 0.00	28.05 0.26 0.00	30.10 1.04 0.00	30.50 1.43 0.00	33.37 2.04 0.00	38.16 2.62 0.00	42.16 3.21 0.00	48.49 4.64 -0.01	55.01 5.10 0.00	60.37 5.35 0.00	68.37 5.29 0.00	75.01 5.98 0.00	95.29 6.29 0.00	92.66 6.63 0.00	82.73 5.79 0.00	71.93 5.27 0.00	69.03 5.63 0.00	55.86 3.79 0.00
HUNTLEY___67 23561	32.85 0.55 0.00	30.42 0.37 0.00	27.43 -0.30 0.00	26.57 -0.57 0.00	28.80 -0.69 0.00	27.68 -0.64 0.00	29.10 -0.25 0.00	27.78 -0.01 0.00	29.78 0.72 0.00	30.15 1.08 0.00	32.98 1.65 0.00	37.77 2.23 0.00	41.71 2.76 0.00	47.85 3.99 -0.01	54.27 4.36 0.00	59.54 4.53 0.00	67.44 4.36 0.00	73.93 4.90 0.00	93.95 4.95 0.00	91.35 5.32 0.00	81.60 4.66 0.00	70.99 4.32 0.00	68.08 4.68 0.00	55.15 3.08 0.00
HUNTLEY___68 23562	32.85 0.55 0.00	30.42 0.37 0.00	27.43 -0.30 0.00	26.57 -0.57 0.00	28.80 -0.69 0.00	27.68 -0.64 0.00	29.10 -0.25 0.00	27.78 -0.01 0.00	29.78 0.72 0.00	30.15 1.08 0.00	32.98 1.65 0.00	37.77 2.23 0.00	41.71 2.76 0.00	47.85 3.99 -0.01	54.27 4.36 0.00	59.54 4.53 0.00	67.44 4.36 0.00	73.93 4.90 0.00	93.95 4.95 0.00	91.35 5.32 0.00	81.60 4.66 0.00	70.99 4.32 0.00	68.08 4.68 0.00	55.15 3.08 0.00

HYLAND___LFGE 323620	34.45 2.15 0.00	31.86 1.81 0.00	28.86 1.14 0.00	28.06 0.92 0.00	30.44 0.94 0.00	29.31 0.99 0.00	30.75 1.39 0.00	29.08 1.29 0.00	30.35 1.28 0.00	30.33 1.25 0.00	33.07 1.74 0.00	37.92 2.38 0.00	41.85 2.90 0.00	47.69 3.83 -0.01	54.06 4.15 0.00	58.58 3.57 0.00	66.40 3.31 0.00	73.06 4.03 0.00	93.62 4.62 0.00	93.42 7.39 0.00	84.55 7.61 0.00	73.32 6.66 0.00	70.80 7.40 0.00	57.55 5.48 0.00
INDECK___CORINTH 23802	33.49 1.19 0.00	31.15 1.10 0.00	28.78 1.06 0.00	28.15 1.02 0.00	30.59 1.10 0.00	29.34 1.03 0.00	30.42 1.07 0.00	28.69 0.90 0.00	29.73 0.67 0.00	29.58 0.51 0.00	31.56 0.23 0.00	35.58 0.21 0.17	38.61 0.18 0.52	43.01 -0.01 0.83	49.21 0.35 1.05	54.47 0.70 1.25	62.60 1.55 2.03	71.22 2.18 0.00	93.28 4.29 0.00	90.05 4.02 0.00	80.65 3.71 0.00	69.28 2.61 0.00	65.11 1.71 0.00	53.40 1.43 0.10
INDECK___ILION 23567	32.62 0.31 0.00	30.36 0.30 0.00	28.06 0.34 0.00	27.46 0.32 0.00	29.85 0.36 0.00	28.65 0.34 0.00	29.62 0.27 0.00	27.96 0.17 0.00	28.95 -0.11 0.00	28.77 -0.31 0.00	30.93 -0.39 0.00	34.97 -0.57 0.00	38.32 -0.63 0.00	43.13 -0.72 0.00	49.29 -0.62 0.00	54.59 -0.42 0.00	62.84 -0.24 0.00	69.09 0.06 0.00	89.74 0.75 0.00	87.19 1.16 0.00	77.96 1.01 0.00	67.39 0.72 0.00	63.85 0.45 0.00	52.45 0.39 0.00
INDECK___OLEAN 23982	32.58 0.28 0.00	30.17 0.12 0.00	27.42 -0.30 0.00	26.73 -0.40 0.00	28.96 -0.53 0.00	27.82 -0.50 0.00	29.28 -0.07 0.00	27.83 0.04 0.00	29.70 0.64 0.00	30.01 0.93 0.00	32.83 1.51 0.00	37.68 2.14 0.00	41.29 2.34 0.00	46.96 3.11 -0.01	53.53 3.62 0.00	58.89 3.88 0.00	66.87 3.79 0.00	73.01 3.98 0.00	92.69 3.69 0.00	90.42 4.39 0.00	80.77 3.83 0.00	70.12 3.46 0.00	66.76 3.36 0.00	54.23 2.17 0.00
INDECK___OSWEGO 23783	31.65 -0.65 0.00	29.38 -0.67 0.00	26.99 -0.73 0.00	26.39 -0.75 0.00	28.69 -0.80 0.00	27.58 -0.74 0.00	28.63 -0.72 0.00	27.11 -0.67 0.00	28.36 -0.70 0.00	28.39 -0.68 0.00	30.67 -0.65 0.00	34.84 -0.70 0.00	38.23 -0.72 0.00	43.23 -0.62 0.00	49.22 -0.69 0.00	54.01 -1.01 0.00	61.82 -1.26 0.00	67.74 -1.29 0.00	88.86 -1.61 -1.47	85.16 -1.27 -0.39	77.54 -1.17 -1.77	68.93 -1.02 -3.29	63.79 -0.78 -1.16	51.43 -0.64 0.00
INDECK___YERKES 23781	33.31 1.01 0.00	30.84 0.78 0.00	27.74 0.02 0.00	26.84 -0.30 0.00	29.11 -0.38 0.00	27.97 -0.35 0.00	29.42 0.07 0.00	28.08 0.29 0.00	30.14 1.08 0.00	30.54 1.47 0.00	33.41 2.08 0.00	38.21 2.67 0.00	42.23 3.28 0.00	48.57 4.72 -0.01	55.10 5.19 0.00	60.47 5.46 0.00	68.49 5.41 0.00	75.12 6.09 0.00	95.44 6.45 0.00	92.82 6.79 0.00	82.88 5.93 0.00	72.02 5.35 0.00	69.13 5.73 0.00	55.93 3.87 0.00
INDIAN POINT_GT_1 24139	32.95 0.65 0.00	30.67 0.61 0.00	28.28 0.56 0.00	27.64 0.50 0.00	29.92 0.43 0.00	28.75 0.43 0.00	29.81 0.46 0.00	28.26 0.47 0.00	29.52 0.46 0.00	29.57 0.50 0.00	31.95 0.62 0.00	36.33 0.62 -0.17	40.07 0.59 -0.53	45.21 0.51 -0.86	51.50 0.51 -1.09	56.96 0.65 -1.29	66.01 0.83 -2.10	69.70 0.67 0.00	89.30 0.31 0.00	86.11 0.08 0.00	76.77 -0.18 0.00	66.52 -0.15 0.00	63.17 -0.23 0.00	52.38 0.20 -0.11
INDIAN POINT_GT_2 23659	32.95 0.65 0.00	30.67 0.61 0.00	28.28 0.56 0.00	27.64 0.50 0.00	29.92 0.43 0.00	28.75 0.43 0.00	29.81 0.46 0.00	28.26 0.47 0.00	29.52 0.46 0.00	29.57 0.50 0.00	31.95 0.62 0.00	36.33 0.62 -0.17	40.07 0.59 -0.53	45.21 0.51 -0.86	51.50 0.51 -1.09	56.96 0.65 -1.29	66.01 0.83 -2.10	69.70 0.67 0.00	89.30 0.31 0.00	86.11 0.08 0.00	76.77 -0.18 0.00	66.52 -0.15 0.00	63.17 -0.23 0.00	52.38 0.20 -0.11
INDIAN POINT_GT_3 24019	32.95 0.65 0.00	30.67 0.61 0.00	28.28 0.56 0.00	27.64 0.50 0.00	29.92 0.43 0.00	28.75 0.43 0.00	29.81 0.46 0.00	28.26 0.47 0.00	29.52 0.46 0.00	29.57 0.50 0.00	31.95 0.62 0.00	36.33 0.62 -0.17	40.07 0.59 -0.53	45.21 0.51 -0.86	51.50 0.51 -1.09	56.96 0.65 -1.29	66.01 0.83 -2.10	69.70 0.67 0.00	89.30 0.31 0.00	86.11 0.08 0.00	76.77 -0.18 0.00	66.52 -0.15 0.00	63.17 -0.23 0.00	52.38 0.20 -0.11
INDIAN POINT___2 23530	32.93 0.63 0.00	30.64 0.58 0.00	28.25 0.53 0.00	27.61 0.47 0.00	29.89 0.40 0.00	28.73 0.41 0.00	29.79 0.43 0.00	28.24 0.45 0.00	29.50 0.44 0.00	29.56 0.49 0.00	31.94 0.61 0.00	36.32 0.61 -0.17	40.03 0.56 -0.52	45.17 0.49 -0.83	51.45 0.49 -1.05	56.90 0.64 -1.25	65.89 0.77 -2.04	69.64 0.61 0.00	89.22 0.22 0.00	86.04 0.00 0.00	76.70 -0.24 0.00	66.47 -0.19 0.00	63.13 -0.27 0.00	52.33 0.16 -0.11
INDIAN POINT___3 23531	32.92 0.62 0.00	30.64 0.58 0.00	28.26 0.54 0.00	27.62 0.48 0.00	29.91 0.42 0.00	28.73 0.41 0.00	29.80 0.44 0.00	28.24 0.45 0.00	29.50 0.45 0.00	29.55 0.48 0.00	31.92 0.60 0.00	36.30 0.59 -0.17	40.03 0.54 -0.53	45.17 0.46 -0.86	51.46 0.46 -1.09	56.90 0.59 -1.29	65.93 0.75 -2.11	69.62 0.59 0.00	89.21 0.21 0.00	86.02 -0.01 0.00	76.69 -0.25 0.00	66.44 -0.22 0.00	63.11 -0.29 0.00	52.32 0.15 -0.11
INGHAM_C_115KV_TB7 356103	32.96 0.66 0.00	30.70 0.65 0.00	28.45 0.73 0.00	27.85 0.71 0.00	30.26 0.77 0.00	29.04 0.72 0.00	29.94 0.59 0.00	28.16 0.37 0.00	28.78 -0.28 0.00	28.32 -0.76 0.00	30.31 -1.02 0.00	34.11 -1.44 0.00	37.39 -1.56 0.00	42.01 -1.84 0.00	48.25 -1.66 0.00	53.76 -1.26 0.00	62.08 -1.00 0.00	68.70 -0.33 0.00	90.20 1.20 0.00	88.25 2.22 0.00	78.98 2.04 0.00	68.08 1.42 0.00	64.28 0.88 0.00	52.82 0.75 0.00
IP CORINTH___1 23988	33.67 1.37 0.00	31.32 1.26 0.00	28.92 1.19 0.00	28.29 1.15 0.00	30.74 1.25 0.00	29.49 1.18 0.00	30.58 1.23 0.00	28.83 1.04 0.00	29.89 0.83 0.00	29.74 0.67 0.00	31.73 0.40 0.00	35.78 0.40 0.17	38.83 0.40 0.52	43.28 0.26 0.83	49.52 0.66 1.05	54.80 1.03 1.25	62.99 1.94 2.03	71.63 2.60 0.00	93.81 4.81 0.00	90.57 4.53 0.00	81.11 4.17 0.00	69.68 3.02 0.00	65.49 2.09 0.00	53.71 1.74 0.10
IP___TICONDEROGA 23804	36.12 3.82 0.00	33.52 3.47 0.00	30.83 3.11 0.00	30.17 3.03 0.00	32.74 3.25 0.00	31.38 3.06 0.00	32.58 3.23 0.00	30.41 2.62 0.00	31.22 2.16 0.00	31.18 2.11 0.00	33.44 2.12 0.00	37.89 2.52 0.17	41.37 2.94 0.53	46.16 3.15 0.85	52.48 3.64 1.07	58.36 4.62 1.28	67.55 6.55 2.08	77.36 8.33 0.00	100.87 11.87 0.00	97.96 11.93 0.00	87.82 10.87 0.00	74.95 8.28 0.00	69.57 6.17 0.00	56.81 4.84 0.10
ISLIP_RES_REC 323679	33.13 0.83 0.00	30.89 0.83 0.00	28.38 0.66 0.00	27.65 0.51 0.00	29.88 0.39 0.00	28.65 0.34 0.00	29.75 0.40 0.00	28.14 0.35 0.00	29.49 0.43 0.00	29.66 0.59 0.00	32.34 1.02 0.00	36.62 0.90 -0.17	40.31 0.81 -0.54	45.13 0.40 -0.87	36.80 0.31 13.41	30.22 0.60 25.40	52.40 1.17 11.85	68.39 1.10 1.74	43.50 0.17 45.67	41.87 0.14 44.30	29.96 -0.36 46.62	29.45 -0.27 36.94	33.88 -0.44 29.08	50.63 -0.13 1.31

JAMAICA__27_KV_LOAD 355505	33.43 1.14 0.00	31.06 1.01 0.00	28.68 0.96 0.00	28.02 0.88 0.00	30.24 0.75 0.00	29.08 0.76 0.00	30.10 0.75 0.00	28.61 0.82 0.00	29.87 0.80 0.00	29.96 0.88 0.00	32.23 0.91 0.00	36.69 0.97 -0.17	40.47 0.98 -0.54	45.64 0.92 -0.87	51.84 0.82 -1.11	57.23 0.90 -1.32	66.18 0.95 -2.14	69.74 0.70 0.00	89.23 0.23 0.00	85.95 -0.08 0.00	76.55 -0.39 0.00	66.41 -0.26 0.00	63.36 -0.05 0.00	52.69 0.52 -0.11
JANIS__SOLAR 323808	33.60 1.30 0.00	31.11 1.06 0.00	28.53 0.81 0.00	27.90 0.76 0.00	30.32 0.83 0.00	29.16 0.85 0.00	30.33 0.98 0.00	28.63 0.84 0.00	29.76 0.69 0.00	29.52 0.45 0.00	31.85 0.53 0.00	36.23 0.68 0.00	39.76 0.81 0.00	45.09 1.24 0.00	51.45 1.54 0.00	56.89 1.87 0.00	65.63 2.55 0.00	72.48 3.45 0.00	94.32 5.03 -0.30	92.25 6.14 -0.08	82.68 5.67 -0.07	71.44 4.67 -0.11	67.64 4.06 -0.17	54.86 2.80 0.00
JARVIS____ 23743	32.27 -0.03 0.00	30.03 -0.03 0.00	27.72 -0.01 0.00	27.14 0.00 0.00	29.49 0.00 0.00	28.32 0.00 0.00	29.33 -0.02 0.00	27.74 -0.05 0.00	28.97 -0.09 0.00	28.96 -0.12 0.00	31.20 -0.12 0.00	35.38 -0.17 0.00	38.76 -0.20 0.00	43.64 -0.21 0.00	49.72 -0.19 0.00	54.88 -0.14 0.00	62.97 -0.11 0.00	68.95 -0.09 0.00	88.96 -0.04 0.00	86.03 0.00 0.00	76.92 -0.03 0.00	66.63 -0.04 0.00	63.30 -0.11 0.00	52.00 -0.07 0.00
JENNISON____1 23625	33.61 1.31 0.00	31.16 1.11 0.00	28.63 0.91 0.00	28.02 0.88 0.00	30.45 0.96 0.00	29.29 0.97 0.00	30.41 1.06 0.00	28.72 0.93 0.00	30.02 0.95 0.00	29.92 0.84 0.00	32.36 1.03 0.00	36.86 1.31 0.00	40.40 1.45 0.00	45.74 1.89 0.00	52.18 2.28 0.00	57.63 2.61 0.00	66.43 3.35 0.00	73.15 4.11 0.00	94.49 5.28 -0.21	91.70 5.61 -0.06	81.98 4.98 -0.05	70.88 4.14 -0.08	67.12 3.59 -0.13	54.62 2.56 0.00
JENNISON____2 23626	33.61 1.31 0.00	31.16 1.11 0.00	28.63 0.91 0.00	28.02 0.88 0.00	30.45 0.96 0.00	29.29 0.97 0.00	30.41 1.06 0.00	28.72 0.93 0.00	30.02 0.95 0.00	29.92 0.84 0.00	32.36 1.03 0.00	36.86 1.31 0.00	40.40 1.45 0.00	45.74 1.89 0.00	52.18 2.28 0.00	57.63 2.61 0.00	66.43 3.35 0.00	73.15 4.11 0.00	94.49 5.28 -0.21	91.70 5.61 -0.06	81.98 4.98 -0.05	70.88 4.14 -0.08	67.12 3.59 -0.13	54.62 2.56 0.00
JERICOHO_RISE_WT_PWR 323719	32.54 0.24 0.00	30.38 0.33 0.00	28.02 0.29 0.00	27.48 0.33 0.00	29.81 0.33 0.00	28.65 0.33 0.00	29.77 0.42 0.00	28.30 0.50 0.00	29.69 0.63 0.00	29.90 0.83 0.00	32.08 0.76 0.00	36.48 0.93 0.00	39.97 1.02 0.00	44.79 0.94 0.00	50.68 0.77 0.00	55.48 0.46 0.00	63.50 0.42 0.00	69.37 0.34 0.00	89.82 0.83 0.00	86.70 0.67 0.00	76.69 0.83 1.08	71.63 0.39 -4.57	61.88 0.49 2.01	52.37 0.31 0.00
KATONAH__115KV_46KV_TB4 355592	33.10 0.80 0.00	30.80 0.75 0.00	28.40 0.68 0.00	27.76 0.62 0.00	30.06 0.57 0.00	28.89 0.57 0.00	29.94 0.59 0.00	28.40 0.61 0.00	29.67 0.61 0.00	29.73 0.65 0.00	32.12 0.79 0.00	36.54 0.82 -0.17	40.34 0.84 -0.54	45.55 0.82 -0.88	51.93 0.92 -1.11	57.44 1.10 -1.32	66.58 1.35 -2.15	70.34 1.31 0.00	90.13 1.13 0.00	86.86 0.83 0.00	77.37 0.43 0.00	66.99 0.32 0.00	63.58 0.17 0.00	52.66 0.48 -0.11
KCE_NY_1 323755	33.46 1.16 0.00	31.16 1.10 0.00	28.81 1.09 0.00	28.20 1.06 0.00	30.64 1.15 0.00	29.42 1.10 0.00	30.52 1.17 0.00	28.79 1.00 0.00	29.88 0.82 0.00	29.74 0.67 0.00	31.88 0.55 0.00	35.90 0.54 0.17	38.92 0.51 0.54	43.46 0.48 0.87	49.57 0.77 1.11	54.85 1.15 1.32	62.74 1.80 2.14	71.38 2.35 0.00	92.84 3.84 0.00	89.79 3.76 0.00	80.01 3.06 0.00	68.97 2.30 0.00	65.26 1.86 0.00	53.50 1.54 0.10
KCE_NY_6_ESR 323823	33.14 0.84 0.00	30.64 0.58 0.00	27.62 -0.10 0.00	26.77 -0.37 0.00	29.00 -0.49 0.00	27.90 -0.41 0.00	29.34 0.00 0.00	28.00 0.21 0.00	30.01 0.95 0.00	30.35 1.27 0.00	33.24 1.91 0.00	38.13 2.59 0.00	42.09 3.14 0.00	48.31 4.46 -0.01	54.84 4.93 0.00	60.25 5.23 0.00	68.31 5.23 0.00	74.97 5.93 0.00	95.29 6.29 0.00	92.71 6.67 0.00	82.77 5.82 0.00	71.91 5.24 0.00	68.81 5.41 0.00	55.70 3.63 0.00
KEDC_PORT_JEFF_GT2 24210	32.95 0.65 0.00	30.73 0.68 0.00	28.24 0.52 0.00	27.53 0.38 0.00	29.75 0.26 0.00	28.54 0.22 0.00	29.63 0.28 0.00	28.02 0.23 0.00	29.35 0.29 0.00	29.52 0.45 0.00	32.19 0.86 0.00	36.44 0.72 -0.17	40.08 0.59 -0.54	44.86 0.13 -0.87	36.32 -0.05 13.54	29.55 0.16 25.64	51.74 0.63 11.98	67.73 0.45 1.75	41.86 -1.07 46.07	40.66 -0.68 44.69	28.88 -1.03 47.04	28.57 -0.82 37.27	33.13 -0.93 29.34	50.27 -0.47 1.32
KEDC_PORT_JEFF_GT3 24211	32.95 0.65 0.00	30.73 0.68 0.00	28.24 0.52 0.00	27.53 0.38 0.00	29.75 0.26 0.00	28.54 0.22 0.00	29.63 0.28 0.00	28.02 0.23 0.00	29.35 0.29 0.00	29.52 0.45 0.00	32.19 0.86 0.00	36.44 0.72 -0.17	40.08 0.59 -0.54	44.86 0.13 -0.87	36.32 -0.05 13.54	29.55 0.16 25.64	51.74 0.63 11.98	67.73 0.45 1.75	41.86 -1.07 46.07	40.66 -0.68 44.69	28.88 -1.03 47.04	28.57 -0.82 37.27	33.13 -0.93 29.34	50.27 -0.47 1.32
KEDC_GLWD_GT4 24219	33.16 0.87 0.00	30.88 0.83 0.00	28.45 0.73 0.00	27.78 0.64 0.00	30.06 0.58 0.00	28.87 0.55 0.00	29.95 0.60 0.00	28.39 0.59 0.00	29.69 0.63 0.00	29.81 0.74 0.00	32.34 1.02 0.00	36.76 1.04 -0.17	40.53 1.04 -0.54	45.60 0.88 -0.87	47.36 0.85 3.40	49.04 1.00 6.98	61.70 0.82 2.20	69.18 0.73 0.58	74.76 0.14 14.38	72.10 -0.17 13.75	62.05 -0.42 14.48	55.23 0.03 11.47	54.22 -0.15 9.03	52.11 0.37 0.33
KEDC_GLWD_GT5 24220	33.16 0.87 0.00	30.88 0.83 0.00	28.45 0.73 0.00	27.78 0.64 0.00	30.06 0.58 0.00	28.87 0.55 0.00	29.95 0.60 0.00	28.39 0.59 0.00	29.69 0.63 0.00	29.81 0.74 0.00	32.34 1.02 0.00	36.76 1.04 -0.17	40.53 1.04 -0.54	45.60 0.88 -0.87	47.36 0.85 3.40	49.04 1.00 6.98	61.70 0.82 2.20	69.18 0.73 0.58	74.76 0.14 14.38	72.10 -0.17 13.75	62.05 -0.42 14.48	55.23 0.03 11.47	54.22 -0.15 9.03	52.11 0.37 0.33
KENSICO____ 23655	33.02 0.73 0.00	30.75 0.69 0.00	28.35 0.63 0.00	27.71 0.57 0.00	30.00 0.51 0.00	28.81 0.49 0.00	29.88 0.53 0.00	28.33 0.54 0.00	29.59 0.53 0.00	29.66 0.58 0.00	32.04 0.71 0.00	36.44 0.72 -0.17	40.18 0.69 -0.54	45.34 0.62 -0.87	51.65 0.64 -1.10	57.10 0.77 -1.32	66.15 0.94 -2.14	69.83 0.80 0.00	89.48 0.48 0.00	86.25 0.22 0.00	76.87 -0.07 0.00	66.61 -0.06 0.00	63.26 -0.14 0.00	52.47 0.29 -0.11
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	33.25 0.95 0.00	30.89 0.84 0.00	28.45 0.73 0.00	27.81 0.66 0.00	30.14 0.65 0.00	28.95 0.63 0.00	30.00 0.65 0.00	28.44 0.65 0.00	29.71 0.65 0.00	29.69 0.61 0.00	32.05 0.72 0.00	36.40 0.76 -0.10	40.09 0.82 -0.32	45.16 0.79 -0.52	51.13 0.57 -0.65	56.58 0.78 -0.78	65.53 1.18 -1.27	70.51 1.48 0.00	90.58 1.58 0.00	87.48 1.45 0.00	78.50 1.55 0.00	67.91 1.24 0.00	64.45 1.05 0.00	53.14 1.01 -0.07

KIAC_JFK_GT1 23816	33.22 0.93 0.00	30.87 0.82 0.00	28.51 0.79 0.00	27.86 0.72 0.00	30.06 0.58 0.00	28.92 0.60 0.00	29.93 0.58 0.00	28.44 0.65 0.00	29.69 0.63 0.00	29.78 0.71 0.00	32.04 0.71 0.00	36.47 0.75 -0.17	40.23 0.73 -0.54	45.31 0.58 -0.87	51.33 0.31 -1.11	56.66 0.33 -1.32	65.51 0.28 -2.14	68.98 -0.05 0.00	88.25 -0.75 0.00	85.00 -1.03 0.00	75.71 -1.24 0.00	65.69 -0.98 0.00	62.68 -0.72 0.00	52.16 -0.02 -0.11
KIAC_JFK_GT2 23817	33.22 0.93 0.00	30.87 0.82 0.00	28.51 0.79 0.00	27.86 0.72 0.00	30.06 0.58 0.00	28.92 0.60 0.00	29.93 0.58 0.00	28.44 0.65 0.00	29.69 0.63 0.00	29.78 0.71 0.00	32.04 0.71 0.00	36.47 0.75 -0.17	40.23 0.73 -0.54	45.31 0.58 -0.87	51.33 0.31 -1.11	56.66 0.33 -1.32	65.51 0.28 -2.14	68.98 -0.05 0.00	88.25 -0.75 0.00	85.00 -1.03 0.00	75.71 -1.24 0.00	65.69 -0.98 0.00	62.68 -0.72 0.00	52.16 -0.02 -0.11
KIAC_JFK____ 323774	33.22 0.93 0.00	30.87 0.82 0.00	28.51 0.79 0.00	27.86 0.72 0.00	30.06 0.58 0.00	28.92 0.60 0.00	29.93 0.58 0.00	28.45 0.66 0.00	29.69 0.63 0.00	29.78 0.71 0.00	32.04 0.71 0.00	36.47 0.75 -0.17	40.23 0.73 -0.54	45.31 0.58 -0.87	51.32 0.30 -1.11	56.66 0.32 -1.32	65.50 0.28 -2.14	68.98 -0.05 0.00	88.25 -0.75 0.00	85.00 -1.03 0.00	75.71 -1.23 0.00	65.67 -1.00 0.00	62.68 -0.72 0.00	52.16 -0.02 -0.11
KINTIGH__24_KV_GSU 356498	32.80 0.50 0.00	30.41 0.35 0.00	27.50 -0.22 0.00	26.68 -0.46 0.00	28.93 -0.56 0.00	27.79 -0.54 0.00	29.15 -0.20 0.00	27.79 0.00 0.00	29.68 0.62 0.00	30.02 0.94 0.00	32.76 1.44 0.00	37.50 1.95 0.00	41.36 2.41 0.00	47.32 3.47 -0.01	53.68 3.77 0.00	58.93 3.91 0.00	66.84 3.76 0.00	73.22 4.19 0.00	93.21 4.21 0.00	90.57 4.53 0.00	80.88 3.93 0.00	70.31 3.64 0.00	67.33 3.93 0.00	54.62 2.55 0.00
KINTIGH____ 23543	32.77 0.47 0.00	30.38 0.32 0.00	27.48 -0.24 0.00	26.65 -0.48 0.00	28.90 -0.59 0.00	27.76 -0.56 0.00	29.13 -0.22 0.00	27.77 -0.02 0.00	29.66 0.60 0.00	29.99 0.91 0.00	32.73 1.41 0.00	37.46 1.92 0.00	41.32 2.37 0.00	47.27 3.41 -0.01	53.63 3.72 0.00	58.88 3.86 0.00	66.79 3.71 0.00	73.16 4.13 0.00	93.13 4.13 0.00	90.49 4.46 0.00	80.79 3.85 0.00	70.24 3.58 0.00	67.27 3.86 0.00	54.58 2.51 0.00
KNTFSRNC_46_KV_46KV_LOAD 80397	33.09 0.79 0.00	30.89 0.83 0.00	28.47 0.74 0.00	27.89 0.75 0.00	30.26 0.77 0.00	29.06 0.74 0.00	30.18 0.83 0.00	28.68 0.89 0.00	30.03 0.97 0.00	30.21 1.13 0.00	32.43 1.11 0.00	36.87 1.32 0.00	40.40 1.45 0.00	45.21 1.36 0.00	51.11 1.20 0.00	55.89 0.87 0.00	64.03 0.95 0.00	69.95 0.92 0.00	90.84 1.85 0.00	87.69 1.66 0.00	77.63 1.85 1.16	69.83 1.13 -2.03	63.11 1.10 1.39	52.94 0.88 0.00
LACHUTE____HYDRO 323717	36.11 3.82 0.00	33.52 3.47 0.00	30.83 3.11 0.00	30.17 3.03 0.00	32.74 3.25 0.00	31.38 3.06 0.00	32.58 3.23 0.00	30.41 2.62 0.00	31.22 2.16 0.00	31.19 2.11 0.00	33.44 2.12 0.00	37.90 2.52 0.17	41.37 2.94 0.53	46.15 3.15 0.85	52.48 3.64 1.07	58.36 4.62 1.28	67.55 6.55 2.08	77.36 8.32 0.00	100.86 11.87 0.00	97.96 11.93 0.00	87.82 10.88 0.00	74.95 8.28 0.00	69.57 6.17 0.00	56.81 4.84 0.10
LAWRNCALV_115KV_TB1 80681	33.38 1.08 0.00	31.03 0.97 0.00	28.60 0.87 0.00	28.05 0.91 0.00	30.40 0.92 0.00	29.21 0.90 0.00	30.34 0.99 0.00	28.76 0.97 0.00	30.15 1.08 0.00	30.31 1.24 0.00	32.42 1.09 0.00	36.82 1.27 0.00	40.33 1.38 0.00	45.27 1.42 0.00	51.32 1.41 0.00	56.21 1.19 0.00	64.22 1.14 0.00	70.30 1.27 0.00	90.70 1.71 0.00	87.94 1.91 0.00	114.69 2.62 -35.13	139.51 2.28 -70.56	72.87 2.49 -6.97	53.97 1.91 0.00
LEDERLE____ 23769	33.17 0.87 0.00	30.85 0.80 0.00	28.43 0.71 0.00	27.79 0.65 0.00	30.08 0.59 0.00	28.90 0.58 0.00	29.98 0.63 0.00	28.43 0.64 0.00	29.71 0.65 0.00	29.79 0.72 0.00	32.22 0.89 0.00	36.65 0.94 -0.16	40.40 0.95 -0.50	45.61 0.94 -0.81	51.96 1.03 -1.03	57.52 1.28 -1.22	66.62 1.55 -1.99	70.50 1.46 0.00	90.22 1.22 0.00	86.99 0.96 0.00	77.51 0.57 0.00	67.14 0.47 0.00	63.74 0.34 0.00	52.78 0.61 -0.10
LIGHTHSE_115KV_TB6 355974	32.41 0.11 0.00	29.98 -0.07 0.00	27.45 -0.27 0.00	26.85 -0.29 0.00	29.24 -0.25 0.00	28.17 -0.15 0.00	29.30 -0.05 0.00	27.77 -0.02 0.00	29.08 0.02 0.00	29.09 0.01 0.00	31.40 0.07 0.00	35.58 0.04 0.00	39.02 0.07 0.00	44.13 0.29 0.00	50.37 0.46 0.00	55.51 0.49 0.00	63.63 0.54 0.00	69.87 0.84 0.00	91.46 1.73 -0.74	88.80 2.57 -0.20	82.93 2.53 -3.45	75.54 2.18 -6.69	66.36 1.83 -1.12	53.30 1.23 0.00
LINDEN COGEN____ 23786	32.92 0.63 0.00	30.64 0.59 0.00	28.28 0.55 0.00	27.63 0.49 0.00	29.85 0.36 0.00	28.70 0.38 0.00	29.76 0.40 0.00	28.25 0.46 0.00	29.52 0.46 0.00	29.61 0.53 0.00	31.97 0.64 0.00	36.38 0.66 -0.17	40.13 0.63 -0.54	45.25 0.53 -0.87	51.47 0.46 -1.11	56.88 0.54 -1.32	65.83 0.60 -2.14	69.37 0.34 0.00	88.77 -0.23 0.00	85.56 -0.48 0.00	76.23 -0.72 0.00	66.09 -0.58 0.00	62.82 -0.58 0.00	52.22 0.05 -0.11
LINDHRST_69_KV_BK1 356055	33.26 0.96 0.00	31.01 0.96 0.00	28.50 0.78 0.00	27.79 0.65 0.00	30.06 0.57 0.00	28.83 0.51 0.00	29.93 0.58 0.00	28.30 0.51 0.00	29.65 0.58 0.00	29.79 0.71 0.00	32.44 1.12 0.00	36.79 1.07 -0.17	40.54 1.04 -0.54	45.39 0.66 -0.87	38.96 0.44 11.39	33.94 0.60 21.68	54.11 0.94 9.91	68.44 0.91 1.51	49.76 0.16 39.40	47.82 -0.08 38.14	36.49 -0.32 40.14	34.54 -0.32 31.81	38.01 -0.36 25.04	51.17 0.22 1.11
LIPA_MISC_IPP 23656	32.80 0.50 0.00	30.59 0.53 0.00	28.10 0.38 0.00	27.38 0.24 0.00	29.59 0.10 0.00	28.39 0.07 0.00	29.48 0.12 0.00	27.88 0.08 0.00	29.20 0.13 0.00	29.35 0.28 0.00	32.00 0.67 0.00	36.18 0.46 -0.17	39.79 0.29 -0.54	44.53 -0.20 -0.87	35.96 -0.35 13.60	29.13 -0.14 25.75	51.42 0.38 12.04	67.40 0.12 1.76	41.67 -1.07 46.26	40.07 -1.09 44.88	28.33 -1.39 47.23	28.30 -0.94 37.43	32.96 -0.98 29.46	50.02 -0.72 1.33
LISF____SOLAR 323691	32.87 0.57 0.00	30.64 0.58 0.00	28.16 0.43 0.00	27.43 0.29 0.00	29.64 0.15 0.00	28.43 0.11 0.00	29.52 0.17 0.00	27.92 0.12 0.00	29.23 0.17 0.00	29.38 0.31 0.00	32.03 0.70 0.00	36.21 0.49 -0.17	39.82 0.33 -0.54	44.57 -0.15 -0.87	36.00 -0.33 13.58	29.22 -0.09 25.71	51.55 0.48 12.01	67.57 0.29 1.76	42.00 -0.81 46.19	40.35 -0.88 44.81	28.59 -1.20 47.16	28.51 -0.78 37.37	33.12 -0.86 29.42	50.13 -0.61 1.33
LITTLE FALLS____HYD 24013	32.96 0.66 0.00	30.70 0.65 0.00	28.45 0.73 0.00	27.85 0.71 0.00	30.26 0.77 0.00	29.04 0.72 0.00	29.94 0.59 0.00	28.16 0.37 0.00	28.78 -0.28 0.00	28.32 -0.76 0.00	30.31 -1.02 0.00	34.11 -1.44 0.00	37.39 -1.56 0.00	42.01 -1.84 0.00	48.25 -1.66 0.00	53.76 -1.26 0.00	62.08 -1.00 0.00	68.70 -0.33 0.00	90.20 1.20 0.00	88.25 2.22 0.00	78.98 2.04 0.00	68.08 1.42 0.00	64.28 0.88 0.00	52.82 0.75 0.00

LITTLRIV_115KV_TB1 356100	33.93 1.63 0.00	31.54 1.49 0.00	29.06 1.34 0.00	28.50 1.37 0.00	30.91 1.42 0.00	29.71 1.39 0.00	30.86 1.51 0.00	29.19 1.40 0.00	30.48 1.42 0.00	30.66 1.58 0.00	32.56 1.24 0.00	36.95 1.40 0.00	40.44 1.49 0.00	45.39 1.54 0.00	51.53 1.62 0.00	56.38 1.36 0.00	64.41 1.33 0.00	70.69 1.66 0.00	91.66 2.66 0.00	89.47 3.44 0.00	115.44 4.31 -34.19	138.38 3.76 -67.95	74.21 3.83 -6.98	55.00 2.94 0.00
LI_NEWBRDGE___DRP 323616	32.80 0.51 0.00	30.59 0.53 0.00	28.16 0.44 0.00	27.48 0.34 0.00	29.73 0.24 0.00	28.53 0.21 0.00	29.61 0.26 0.00	28.02 0.22 0.00	29.31 0.25 0.00	29.45 0.37 0.00	32.01 0.68 0.00	36.30 0.58 -0.17	39.97 0.48 -0.54	44.79 0.07 -0.87	34.93 -0.16 14.82	26.93 -0.10 27.98	49.89 0.02 13.21	67.02 -0.12 1.89	37.90 -1.07 50.03	36.19 -1.26 48.58	24.44 -1.38 51.13	24.93 -1.22 40.52	30.27 -1.24 31.90	50.19 -0.43 1.45
LOCKPORT_115KV_TB60_63_64 80432	33.03 0.73 0.00	30.59 0.54 0.00	27.53 -0.20 0.00	26.64 -0.50 0.00	28.90 -0.59 0.00	27.77 -0.55 0.00	29.20 -0.15 0.00	27.89 0.10 0.00	29.88 0.82 0.00	30.22 1.15 0.00	32.98 1.65 0.00	37.73 2.18 0.00	41.66 2.71 0.00	47.92 4.06 -0.01	54.29 4.39 0.00	59.57 4.56 0.00	67.42 4.34 0.00	73.94 4.91 0.00	93.99 4.99 0.00	91.51 5.48 0.00	81.87 4.93 0.00	71.22 4.55 0.00	68.34 4.94 0.00	55.29 3.22 0.00
LOCKPORT___CC1 323769	32.98 0.68 0.00	30.55 0.49 0.00	27.50 -0.22 0.00	26.61 -0.53 0.00	28.87 -0.62 0.00	27.74 -0.58 0.00	29.17 -0.18 0.00	27.85 0.06 0.00	29.85 0.79 0.00	30.18 1.11 0.00	32.92 1.59 0.00	37.64 2.09 0.00	41.54 2.59 0.00	47.76 3.90 -0.01	54.12 4.22 0.00	59.37 4.35 0.00	67.17 4.09 0.00	73.64 4.61 0.00	93.60 4.61 0.00	91.16 5.12 0.00	81.50 4.56 0.00	70.94 4.27 0.00	68.08 4.68 0.00	55.08 3.01 0.00
LOCKPORT___CC2 323770	32.98 0.68 0.00	30.55 0.49 0.00	27.50 -0.22 0.00	26.61 -0.53 0.00	28.87 -0.62 0.00	27.74 -0.58 0.00	29.17 -0.18 0.00	27.85 0.06 0.00	29.85 0.79 0.00	30.18 1.11 0.00	32.92 1.59 0.00	37.64 2.09 0.00	41.54 2.59 0.00	47.76 3.90 -0.01	54.12 4.22 0.00	59.37 4.35 0.00	67.17 4.09 0.00	73.64 4.61 0.00	93.60 4.61 0.00	91.16 5.12 0.00	81.50 4.56 0.00	70.94 4.27 0.00	68.08 4.68 0.00	55.08 3.01 0.00
LOCKPORT___CC3 323771	32.98 0.68 0.00	30.55 0.49 0.00	27.50 -0.22 0.00	26.61 -0.53 0.00	28.87 -0.62 0.00	27.74 -0.58 0.00	29.17 -0.18 0.00	27.85 0.06 0.00	29.85 0.79 0.00	30.18 1.11 0.00	32.92 1.59 0.00	37.64 2.09 0.00	41.54 2.59 0.00	47.76 3.90 -0.01	54.12 4.22 0.00	59.37 4.35 0.00	67.17 4.09 0.00	73.64 4.61 0.00	93.60 4.61 0.00	91.16 5.12 0.00	81.50 4.56 0.00	70.94 4.27 0.00	68.08 4.68 0.00	55.08 3.01 0.00
LOCUSVLY_69_KV_BK2 55797	33.17 0.87 0.00	30.89 0.83 0.00	28.44 0.71 0.00	27.76 0.62 0.00	30.03 0.54 0.00	28.84 0.52 0.00	29.92 0.57 0.00	28.33 0.54 0.00	29.66 0.60 0.00	29.80 0.73 0.00	32.38 1.06 0.00	36.77 1.06 -0.17	40.54 1.04 -0.54	45.52 0.79 -0.87	44.62 0.76 6.05	44.13 0.97 11.86	59.36 1.04 4.76	69.12 0.97 0.89	66.64 0.33 22.68	64.20 0.02 21.85	53.63 -0.31 23.00	48.30 -0.15 18.23	48.76 -0.29 14.35	51.76 0.28 0.59
LONG_LAKE_PHOENIX 24014	31.84 -0.46 0.00	29.56 -0.50 0.00	27.16 -0.57 0.00	26.54 -0.60 0.00	28.84 -0.65 0.00	27.72 -0.60 0.00	28.77 -0.59 0.00	27.25 -0.54 0.00	28.50 -0.57 0.00	28.53 -0.54 0.00	30.86 -0.47 0.00	35.08 -0.47 0.00	38.51 -0.45 0.00	43.56 -0.29 0.00	49.66 -0.25 0.00	54.76 -0.26 0.00	62.80 -0.28 0.00	68.90 -0.13 0.00	89.92 -0.20 -1.12	86.38 0.05 -0.30	77.60 -0.08 -0.74	67.32 -0.15 -0.81	64.04 -0.25 -0.89	51.72 -0.34 0.00
LOVETT___3 23632	32.89 0.59 0.00	30.63 0.57 0.00	28.24 0.52 0.00	27.61 0.47 0.00	29.88 0.39 0.00	28.71 0.39 0.00	29.78 0.43 0.00	28.23 0.44 0.00	29.49 0.44 0.00	29.55 0.48 0.00	31.93 0.61 0.00	36.30 0.59 -0.16	40.00 0.54 -0.51	45.13 0.46 -0.82	51.40 0.45 -1.04	56.85 0.59 -1.24	65.86 0.76 -2.02	69.61 0.58 0.00	89.15 0.16 0.00	85.97 -0.06 0.00	76.64 -0.31 0.00	66.41 -0.26 0.00	63.07 -0.33 0.00	52.27 0.10 -0.11
LOVETT___4 23642	32.89 0.59 0.00	30.63 0.57 0.00	28.24 0.52 0.00	27.61 0.47 0.00	29.88 0.39 0.00	28.71 0.39 0.00	29.78 0.43 0.00	28.23 0.44 0.00	29.49 0.44 0.00	29.55 0.48 0.00	31.93 0.61 0.00	36.30 0.59 -0.16	40.00 0.54 -0.51	45.13 0.46 -0.82	51.40 0.45 -1.04	56.85 0.59 -1.24	65.86 0.76 -2.02	69.61 0.58 0.00	89.15 0.16 0.00	85.97 -0.06 0.00	76.64 -0.31 0.00	66.41 -0.26 0.00	63.07 -0.33 0.00	52.27 0.10 -0.11
LOVETT___5 23593	32.89 0.59 0.00	30.63 0.57 0.00	28.24 0.52 0.00	27.61 0.47 0.00	29.88 0.39 0.00	28.71 0.39 0.00	29.78 0.43 0.00	28.23 0.44 0.00	29.49 0.44 0.00	29.55 0.48 0.00	31.93 0.61 0.00	36.30 0.59 -0.16	40.00 0.54 -0.51	45.13 0.46 -0.82	51.40 0.45 -1.04	56.85 0.59 -1.24	65.86 0.76 -2.02	69.61 0.58 0.00	89.15 0.16 0.00	85.97 -0.06 0.00	76.64 -0.31 0.00	66.41 -0.26 0.00	63.07 -0.33 0.00	52.27 0.10 -0.11
LOWER RAQUET___HYD 24057	33.44 1.14 0.00	31.09 1.03 0.00	28.62 0.90 0.00	28.08 0.93 0.00	30.43 0.94 0.00	29.24 0.92 0.00	30.38 1.03 0.00	28.79 1.00 0.00	30.17 1.11 0.00	30.35 1.28 0.00	32.44 1.12 0.00	36.83 1.28 0.00	40.33 1.39 0.00	45.27 1.42 0.00	51.36 1.45 0.00	56.22 1.20 0.00	64.23 1.14 0.00	70.34 1.30 0.00	90.95 1.86 -0.10	88.22 2.16 -0.03	113.14 2.88 -33.32	134.71 2.51 -65.53	73.12 2.68 -7.03	54.10 2.03 0.00
LOWER___HUDSON 24059	32.86 0.56 0.00	30.69 0.63 0.00	28.45 0.73 0.00	27.86 0.72 0.00	30.27 0.77 0.00	29.05 0.73 0.00	30.08 0.73 0.00	28.44 0.65 0.00	29.52 0.46 0.00	29.38 0.30 0.00	31.50 0.17 0.00	35.26 -0.07 0.22	38.11 -0.15 0.69	42.42 -0.31 1.11	48.36 -0.14 1.41	53.38 0.04 1.68	60.72 0.37 2.73	69.55 0.52 0.00	90.28 1.28 0.00	87.19 1.16 0.00	77.93 0.99 0.00	67.31 0.64 0.00	63.83 0.42 0.00	52.45 0.51 0.13
LOWVILLE_115KV_TB2 356335	33.30 1.00 0.00	30.59 0.53 0.00	27.91 0.19 0.00	27.38 0.24 0.00	29.93 0.45 0.00	28.91 0.59 0.00	30.18 0.83 0.00	28.62 0.83 0.00	29.94 0.88 0.00	30.01 0.94 0.00	32.37 1.05 0.00	36.49 0.95 0.00	39.96 1.01 0.00	45.12 1.27 0.00	51.56 1.65 0.00	56.84 1.82 0.00	65.34 2.26 0.00	71.92 2.89 0.00	94.18 4.95 -0.22	92.28 6.19 -0.06	92.48 6.06 -9.47	90.47 5.19 -18.61	70.11 4.61 -2.11	55.44 3.37 0.00
LUTHERFT_115KV_GLOB_FND_222 355753	33.46 1.16 0.00	31.17 1.11 0.00	28.83 1.10 0.00	28.22 1.08 0.00	30.66 1.17 0.00	29.42 1.10 0.00	30.50 1.14 0.00	28.80 1.01 0.00	29.88 0.82 0.00	29.73 0.66 0.00	31.87 0.55 0.00	35.85 0.49 0.17	38.88 0.47 0.54	43.42 0.45 0.87	49.53 0.73 1.11	54.78 1.08 1.32	62.65 1.72 2.14	71.25 2.22 0.00	92.66 3.66 0.00	89.54 3.52 0.00	79.97 3.03 0.00	68.97 2.31 0.00	65.24 1.83 0.00	53.50 1.54 0.10

LUTHERNY_35_KV_BK2 355980	33.45 1.16 0.00	31.16 1.10 0.00	28.82 1.09 0.00	28.20 1.06 0.00	30.65 1.15 0.00	29.42 1.10 0.00	30.52 1.17 0.00	28.80 1.01 0.00	29.88 0.82 0.00	29.74 0.67 0.00	31.88 0.55 0.00	35.91 0.54 0.17	38.92 0.51 0.54	43.46 0.48 0.87	49.57 0.77 1.11	54.85 1.15 1.32	62.74 1.80 2.14	71.38 2.35 0.00	92.84 3.84 0.00	89.80 3.76 0.00	80.00 3.06 0.00	68.97 2.30 0.00	65.27 1.86 0.00	53.51 1.54 0.10
LWR___OSWEGATCHIE_HYD 23850	33.40 1.10 0.00	30.88 0.82 0.00	28.31 0.59 0.00	27.75 0.61 0.00	30.21 0.72 0.00	29.11 0.79 0.00	30.31 0.95 0.00	28.73 0.94 0.00	30.09 1.03 0.00	30.19 1.12 0.00	32.40 1.08 0.00	36.66 1.12 0.00	40.13 1.18 0.00	45.19 1.34 0.00	51.43 1.53 0.00	56.51 1.49 0.00	64.75 1.67 0.00	71.13 2.10 0.00	92.69 3.50 -0.19	90.48 4.40 -0.05	104.25 4.71 -22.60	115.17 4.08 -44.42	72.06 3.82 -4.84	54.88 2.82 0.00
LYONS_FALL_HYD 23570	33.23 0.93 0.00	30.65 0.59 0.00	28.05 0.33 0.00	27.49 0.35 0.00	29.99 0.50 0.00	28.90 0.58 0.00	30.09 0.74 0.00	28.51 0.72 0.00	29.79 0.73 0.00	29.83 0.75 0.00	32.17 0.85 0.00	36.38 0.83 0.00	39.86 0.90 0.00	44.98 1.13 0.00	51.37 1.46 0.00	56.68 1.66 0.00	65.20 2.12 0.00	71.71 2.68 0.00	93.50 4.34 -0.17	91.24 5.16 -0.04	88.12 4.90 -6.28	83.15 4.16 -12.32	68.48 3.67 -1.40	54.74 2.67 0.00
MADISON___COUNTY_LFGE 323628	33.19 0.89 0.00	30.77 0.72 0.00	28.27 0.55 0.00	27.65 0.51 0.00	30.07 0.58 0.00	28.90 0.58 0.00	30.01 0.66 0.00	28.36 0.57 0.00	29.57 0.51 0.00	29.48 0.41 0.00	31.83 0.51 0.00	36.16 0.61 0.00	39.69 0.74 0.00	44.82 0.97 0.00	51.21 1.30 0.00	56.59 1.57 0.00	65.13 2.05 0.00	71.64 2.60 0.00	93.01 3.82 -0.18	90.30 4.22 -0.05	82.62 3.75 -1.93	73.51 3.07 -3.77	66.52 2.62 -0.50	53.91 1.85 0.00
MALONE___115KV_TB1 356076	33.14 0.84 0.00	30.88 0.82 0.00	28.44 0.72 0.00	27.89 0.75 0.00	30.26 0.77 0.00	29.08 0.75 0.00	30.22 0.87 0.00	28.72 0.93 0.00	30.14 1.08 0.00	30.39 1.32 0.00	32.52 1.19 0.00	36.97 1.43 0.00	40.51 1.56 0.00	45.44 1.59 0.00	51.50 1.59 0.00	56.36 1.34 0.00	64.49 1.41 0.00	70.62 1.59 0.00	91.53 2.53 0.00	88.40 2.37 0.00	112.16 2.68 -32.53	110.34 1.94 -41.73	78.22 2.07 -12.74	53.56 1.49 0.00
MAPLEWOD_115KV_TB3 80458	32.66 0.36 0.00	30.49 0.44 0.00	28.24 0.52 0.00	27.66 0.52 0.00	30.05 0.56 0.00	28.84 0.53 0.00	29.85 0.50 0.00	28.21 0.42 0.00	29.34 0.28 0.00	29.21 0.14 0.00	31.37 0.04 0.00	35.18 -0.20 0.17	38.12 -0.30 0.52	42.50 -0.51 0.84	48.63 -0.21 1.06	53.92 0.17 1.27	61.53 0.50 2.06	69.60 0.57 0.00	90.32 1.32 0.00	87.27 1.24 0.00	77.97 1.03 0.00	67.41 0.74 0.00	63.94 0.54 0.00	52.54 0.57 0.10
MAPLE_RIDGE_WT_1 323574	32.06 -0.23 0.00	29.74 -0.31 0.00	27.43 -0.29 0.00	26.90 -0.23 0.00	29.25 -0.24 0.00	28.10 -0.22 0.00	29.19 -0.16 0.00	27.65 -0.14 0.00	28.98 -0.08 0.00	29.10 0.03 0.00	31.39 0.06 0.00	35.64 0.09 0.00	39.03 0.08 0.00	43.93 0.08 0.00	49.96 0.05 0.00	55.02 0.00 0.00	63.03 -0.05 0.00	68.93 -0.10 0.00	88.99 -0.01 0.00	86.00 -0.03 0.00	76.62 0.03 0.35	66.41 0.05 0.31	63.33 0.11 0.18	52.14 0.07 0.00
MAPLE_RIDGE_WT_2 323611	32.06 -0.23 0.00	29.74 -0.31 0.00	27.43 -0.29 0.00	26.90 -0.23 0.00	29.25 -0.24 0.00	28.10 -0.22 0.00	29.19 -0.16 0.00	27.65 -0.14 0.00	28.98 -0.08 0.00	29.10 0.03 0.00	31.39 0.06 0.00	35.64 0.09 0.00	39.03 0.08 0.00	43.93 0.08 0.00	49.96 0.05 0.00	55.02 0.00 0.00	63.03 -0.05 0.00	68.93 -0.10 0.00	88.99 -0.01 0.00	86.00 -0.03 0.00	76.62 0.03 0.35	66.41 0.05 0.31	63.33 0.11 0.18	52.14 0.07 0.00
MARBLE_RIVER_WT_PWR 323696	32.62 0.32 0.00	30.45 0.39 0.00	28.07 0.35 0.00	27.52 0.38 0.00	29.86 0.37 0.00	28.68 0.37 0.00	29.80 0.45 0.00	28.33 0.54 0.00	29.72 0.66 0.00	29.92 0.84 0.00	32.11 0.78 0.00	36.50 0.96 0.00	39.99 1.04 0.00	44.80 0.95 0.00	50.69 0.78 0.00	55.50 0.49 0.00	63.52 0.44 0.00	69.40 0.37 0.00	89.87 0.88 0.00	86.75 0.71 0.00	76.62 0.87 1.19	68.24 0.42 -1.16	62.68 0.46 1.18	52.38 0.32 0.00
MARSHVLE_115KV_TB1 80742	33.90 1.60 0.00	31.39 1.34 0.00	28.81 1.09 0.00	28.13 0.99 0.00	30.60 1.10 0.00	29.39 1.07 0.00	30.51 1.15 0.00	28.58 0.79 0.00	29.61 0.55 0.00	29.62 0.54 0.00	32.00 0.67 0.00	36.39 0.95 0.10	39.76 1.14 0.33	44.79 1.46 0.53	50.75 1.51 0.66	55.61 1.38 0.79	63.59 1.79 1.29	71.23 2.20 0.00	92.95 3.95 0.00	90.99 4.96 0.00	81.78 4.84 0.00	70.86 4.19 0.00	67.24 3.84 0.00	54.90 2.89 0.06
MARSH_HILL_WT_PWR 323713	32.31 0.01 0.00	30.08 0.02 0.00	27.29 -0.43 0.00	26.57 -0.57 0.00	28.86 -0.63 0.00	27.89 -0.43 0.00	29.23 -0.12 0.00	27.74 -0.05 0.00	29.42 0.36 0.00	29.54 0.46 0.00	32.16 0.84 0.00	36.78 1.24 0.00	40.46 1.51 0.00	46.19 2.34 0.00	52.70 2.79 0.00	58.03 3.02 0.00	66.37 3.29 0.00	73.09 4.06 0.00	93.71 4.57 -0.14	91.66 5.59 -0.04	81.88 4.90 -0.04	70.65 3.93 -0.05	67.00 3.52 -0.08	53.90 1.84 0.00
MCINTYRE_115KV_TB2 80467	34.12 1.82 0.00	31.72 1.67 0.00	29.24 1.52 0.00	28.68 1.54 0.00	31.10 1.61 0.00	29.87 1.55 0.00	31.03 1.68 0.00	29.32 1.53 0.00	30.55 1.49 0.00	30.75 1.67 0.00	32.56 1.24 0.00	36.97 1.42 0.00	40.48 1.53 0.00	45.41 1.55 0.00	51.53 1.62 0.00	56.37 1.35 0.00	64.40 1.32 0.00	70.67 1.64 0.00	91.75 2.75 0.00	89.74 3.71 0.00	117.26 4.70 -35.61	142.69 4.13 -71.89	74.58 4.20 -6.97	55.30 3.23 0.00
MECO_____69_KV_BK1 80468	34.27 1.97 0.00	31.75 1.70 0.00	29.20 1.48 0.00	28.50 1.36 0.00	30.98 1.49 0.00	29.74 1.42 0.00	30.85 1.50 0.00	28.88 1.09 0.00	29.64 0.58 0.00	29.33 0.26 0.00	31.52 0.19 0.00	35.66 0.23 0.12	38.89 0.29 0.36	43.71 0.44 0.58	49.65 0.48 0.73	54.67 0.52 0.87	62.83 1.16 1.42	71.13 2.10 0.00	93.81 4.81 0.00	92.28 6.25 0.00	83.01 6.07 0.00	71.80 5.14 0.00	67.98 4.58 0.00	55.45 3.45 0.06
MENANDS___115KV_TB5 355628	32.41 0.11 0.00	30.28 0.23 0.00	28.07 0.35 0.00	27.50 0.36 0.00	29.88 0.39 0.00	28.68 0.36 0.00	29.66 0.31 0.00	28.05 0.25 0.00	29.16 0.10 0.00	29.04 -0.04 0.00	31.19 -0.14 0.00	34.95 -0.43 0.17	37.85 -0.58 0.52	42.15 -0.86 0.84	48.27 -0.58 1.06	53.57 -0.18 1.26	61.10 0.07 2.05	69.07 0.04 0.00	89.59 0.59 0.00	86.59 0.56 0.00	77.36 0.41 0.00	66.92 0.25 0.00	63.50 0.10 0.00	52.23 0.26 0.10
MG INDUSTRY___DRP 24185	32.53 0.23 0.00	30.37 0.32 0.00	28.14 0.42 0.00	27.57 0.43 0.00	29.99 0.50 0.00	28.79 0.47 0.00	29.77 0.41 0.00	28.12 0.33 0.00	29.20 0.14 0.00	29.02 -0.05 0.00	31.14 -0.18 0.00	34.94 -0.51 0.10	37.47 -1.19 0.30	41.69 -1.68 0.48	47.63 -1.67 0.61	52.81 -1.48 0.72	60.40 -1.50 1.18	67.32 -1.71 0.00	87.29 -1.70 0.00	84.46 -1.57 0.00	75.59 -1.36 0.00	65.46 -1.21 0.00	62.18 -1.23 0.00	51.18 -0.83 0.05

MID___OSWEGATCHIE_HYD 23849	33.40 1.10 0.00	30.88 0.82 0.00	28.31 0.59 0.00	27.75 0.61 0.00	30.21 0.72 0.00	29.11 0.79 0.00	30.31 0.95 0.00	28.73 0.94 0.00	30.09 1.03 0.00	30.19 1.12 0.00	32.40 1.08 0.00	36.66 1.12 0.00	40.13 1.18 0.00	45.19 1.34 0.00	51.43 1.53 0.00	56.51 1.49 0.00	64.75 1.67 0.00	71.13 2.10 0.00	92.69 3.50 -0.19	90.48 4.40 -0.05	104.25 4.71 -22.60	115.17 4.08 -44.42	72.06 3.82 -4.84	54.88 2.82 0.00
MID___RAQUETTE_HYD 23851	33.44 1.14 0.00	31.09 1.03 0.00	28.63 0.90 0.00	28.08 0.94 0.00	30.43 0.94 0.00	29.24 0.92 0.00	30.38 1.03 0.00	28.80 1.00 0.00	30.17 1.11 0.00	30.35 1.28 0.00	32.44 1.12 0.00	36.83 1.28 0.00	40.33 1.39 0.00	45.28 1.43 0.00	51.36 1.45 0.00	56.22 1.20 0.00	64.23 1.14 0.00	70.34 1.30 0.00	90.95 1.86 -0.10	88.22 2.16 -0.03	113.15 2.88 -33.32	134.71 2.51 -65.53	73.12 2.68 -7.03	54.10 2.03 0.00
MILLIKEN___1 23584	32.90 0.61 0.00	30.48 0.42 0.00	27.96 0.24 0.00	27.33 0.19 0.00	29.69 0.20 0.00	28.57 0.25 0.00	29.70 0.34 0.00	28.09 0.30 0.00	29.35 0.29 0.00	29.22 0.15 0.00	31.55 0.23 0.00	35.88 0.33 0.00	39.39 0.44 0.00	44.68 0.83 0.00	50.98 1.07 0.00	56.31 1.29 0.00	64.74 1.66 0.00	71.24 2.21 0.00	92.39 3.00 -0.39	89.56 3.42 -0.10	80.21 3.17 -0.10	69.42 2.60 -0.14	65.88 2.25 -0.23	53.57 1.50 0.00
MILLIKEN___2 23585	32.90 0.61 0.00	30.48 0.42 0.00	27.96 0.24 0.00	27.33 0.19 0.00	29.69 0.20 0.00	28.57 0.25 0.00	29.70 0.34 0.00	28.09 0.30 0.00	29.35 0.29 0.00	29.22 0.15 0.00	31.55 0.23 0.00	35.88 0.33 0.00	39.39 0.44 0.00	44.68 0.83 0.00	50.98 1.07 0.00	56.31 1.29 0.00	64.74 1.66 0.00	71.24 2.21 0.00	92.39 3.00 -0.39	89.56 3.42 -0.10	80.21 3.17 -0.10	69.42 2.60 -0.14	65.88 2.25 -0.23	53.57 1.50 0.00
MILLIKEN___DIESEL 23629	32.90 0.61 0.00	30.48 0.42 0.00	27.96 0.24 0.00	27.33 0.19 0.00	29.69 0.20 0.00	28.57 0.25 0.00	29.70 0.34 0.00	28.09 0.30 0.00	29.35 0.29 0.00	29.22 0.15 0.00	31.55 0.23 0.00	35.88 0.33 0.00	39.39 0.44 0.00	44.68 0.83 0.00	50.98 1.07 0.00	56.31 1.29 0.00	64.74 1.66 0.00	71.24 2.21 0.00	92.39 3.00 -0.39	89.56 3.42 -0.10	80.21 3.17 -0.10	69.42 2.60 -0.14	65.88 2.25 -0.23	53.57 1.50 0.00
MILLSEAT___LFGE 323607	33.69 1.40 0.00	31.18 1.12 0.00	28.08 0.36 0.00	27.19 0.05 0.00	29.50 0.01 0.00	28.34 0.03 0.00	29.77 0.42 0.00	28.38 0.59 0.00	30.28 1.22 0.00	30.53 1.45 0.00	33.29 1.96 0.00	38.09 2.54 0.00	42.08 3.13 0.00	48.46 4.59 -0.01	54.98 5.07 0.00	60.41 5.39 0.00	68.64 5.56 0.00	75.35 6.32 0.00	96.29 7.29 0.00	94.01 7.98 0.00	84.06 7.12 0.00	72.98 6.31 0.00	69.78 6.38 0.00	56.36 4.30 0.00
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	32.97 0.67 0.00	30.69 0.64 0.00	28.30 0.58 0.00	27.66 0.52 0.00	29.95 0.46 0.00	28.78 0.46 0.00	29.83 0.48 0.00	28.29 0.50 0.00	29.54 0.48 0.00	29.60 0.52 0.00	31.97 0.64 0.00	36.36 0.64 -0.17	40.10 0.61 -0.54	45.25 0.54 -0.87	51.54 0.54 -1.10	56.99 0.67 -1.31	66.04 0.83 -2.12	69.72 0.69 0.00	89.35 0.35 0.00	86.16 0.13 0.00	76.79 -0.15 0.00	66.54 -0.13 0.00	63.19 -0.21 0.00	52.39 0.22 -0.11
MILLWOOD_13_KV_LOAD 356217	33.02 0.72 0.00	30.73 0.68 0.00	28.34 0.62 0.00	27.70 0.56 0.00	29.99 0.50 0.00	28.81 0.49 0.00	29.88 0.53 0.00	28.33 0.53 0.00	29.59 0.53 0.00	29.65 0.57 0.00	32.01 0.69 0.00	36.42 0.70 -0.17	40.17 0.68 -0.54	45.32 0.60 -0.87	51.64 0.64 -1.10	57.12 0.80 -1.31	66.18 0.97 -2.12	69.90 0.86 0.00	89.57 0.57 0.00	86.35 0.31 0.00	76.96 0.02 0.00	66.67 0.01 0.00	63.32 -0.09 0.00	52.48 0.31 -0.11
MODEL_CITY_ENERGY 24167	32.73 0.43 0.00	30.33 0.28 0.00	27.28 -0.44 0.00	26.40 -0.74 0.00	28.66 -0.83 0.00	27.54 -0.78 0.00	28.97 -0.38 0.00	27.67 -0.12 0.00	29.66 0.60 0.00	30.02 0.94 0.00	32.77 1.44 0.00	37.48 1.93 0.00	41.40 2.45 0.00	47.62 3.76 -0.01	53.93 4.02 0.00	59.13 4.11 0.00	66.87 3.79 0.00	73.32 4.29 0.00	93.09 4.10 0.00	90.64 4.61 0.00	81.14 4.20 0.00	70.62 3.95 0.00	67.81 4.41 0.00	54.87 2.80 0.00
MODERN_LFGE___ 323580	32.73 0.43 0.00	30.33 0.28 0.00	27.28 -0.44 0.00	26.40 -0.74 0.00	28.66 -0.83 0.00	27.54 -0.78 0.00	28.97 -0.38 0.00	27.67 -0.12 0.00	29.66 0.60 0.00	30.02 0.94 0.00	32.77 1.44 0.00	37.48 1.93 0.00	41.40 2.45 0.00	47.62 3.76 -0.01	53.93 4.02 0.00	59.13 4.11 0.00	66.87 3.79 0.00	73.32 4.29 0.00	93.09 4.10 0.00	90.64 4.61 0.00	81.14 4.20 0.00	70.62 3.95 0.00	67.81 4.41 0.00	54.87 2.80 0.00
MOHAWK_PAPER___DRP 24187	32.66 0.36 0.00	30.49 0.44 0.00	28.24 0.52 0.00	27.66 0.52 0.00	30.05 0.56 0.00	28.84 0.53 0.00	29.85 0.50 0.00	28.21 0.42 0.00	29.34 0.28 0.00	29.21 0.14 0.00	31.37 0.04 0.00	35.18 -0.20 0.17	38.12 -0.30 0.52	42.50 -0.51 0.84	48.63 -0.21 1.06	53.92 0.17 1.27	61.53 0.50 2.06	69.60 0.57 0.00	90.32 1.32 0.00	87.27 1.24 0.00	77.97 1.03 0.00	67.41 0.74 0.00	63.94 0.54 0.00	52.54 0.57 0.10
MOHICAN___35_KV_115KV_LD 80490	33.95 1.65 0.00	31.58 1.52 0.00	29.17 1.45 0.00	28.54 1.40 0.00	31.00 1.51 0.00	29.75 1.43 0.00	30.85 1.50 0.00	29.07 1.28 0.00	30.10 1.04 0.00	29.95 0.87 0.00	31.99 0.66 0.00	36.04 0.67 0.17	39.13 0.71 0.53	43.64 0.65 0.86	49.85 1.03 1.09	55.23 1.50 1.29	63.46 2.48 2.11	72.30 3.27 0.00	94.54 5.54 0.00	91.30 5.27 0.00	81.73 4.79 0.00	70.19 3.52 0.00	65.98 2.58 0.00	54.10 2.13 0.10
MONGAUP___HYD 23641	33.22 0.92 0.00	30.88 0.83 0.00	28.45 0.73 0.00	27.80 0.66 0.00	30.14 0.65 0.00	28.95 0.63 0.00	30.01 0.66 0.00	28.39 0.60 0.00	29.49 0.43 0.00	29.35 0.27 0.00	31.59 0.26 0.00	35.71 0.02 -0.14	39.36 -0.04 -0.45	44.41 -0.17 -0.72	50.75 -0.07 -0.91	56.51 0.40 -1.09	65.54 0.68 -1.77	70.01 0.98 0.00	90.52 1.52 0.00	87.87 1.84 0.00	78.49 1.55 0.00	67.93 1.26 0.00	64.45 1.04 0.00	53.16 1.00 -0.09
MONTAUK___DIESEL 23721	34.24 1.95 0.00	31.83 1.77 0.00	29.20 1.48 0.00	28.42 1.28 0.00	30.68 1.19 0.00	29.42 1.09 0.00	30.61 1.25 0.00	28.99 1.20 0.00	30.46 1.40 0.00	30.68 1.61 0.00	33.62 2.29 0.00	38.10 2.38 -0.17	41.88 2.39 -0.54	47.07 2.35 -0.87	38.99 2.68 13.59	32.51 3.23 25.73	55.27 4.22 12.03	71.82 4.54 1.76	47.20 4.43 46.24	45.06 3.88 44.86	32.56 2.83 47.21	32.46 3.20 37.41	36.71 2.76 29.45	52.75 2.01 1.33
MOONROAD_115KV_HARTFLD_TB1-2 355988	32.59 0.29 0.00	29.92 -0.14 0.00	27.09 -0.63 0.00	26.33 -0.81 0.00	28.65 -0.84 0.00	27.56 -0.76 0.00	29.14 -0.21 0.00	27.81 0.02 0.00	30.03 0.97 0.00	30.64 1.56 0.00	33.66 2.33 0.00	38.58 3.03 0.00	42.47 3.52 0.00	48.69 4.84 -0.01	55.62 5.71 0.00	61.24 6.22 0.00	69.48 6.40 0.00	76.33 7.30 0.00	96.72 7.72 0.00	94.56 8.53 0.00	84.46 7.52 0.00	73.32 6.65 0.00	69.90 6.50 0.00	56.52 4.46 0.00

MORRIS_RIDGE___SOLAR 323848	32.40 0.10 0.00	30.04 -0.02 0.00	27.22 -0.51 0.00	26.50 -0.64 0.00	28.78 -0.71 0.00	27.72 -0.60 0.00	29.05 -0.30 0.00	27.54 -0.25 0.00	29.14 0.08 0.00	29.25 0.18 0.00	31.88 0.55 0.00	36.47 0.92 0.00	40.13 1.18 0.00	45.88 2.02 -0.01	52.29 2.38 0.00	57.56 2.54 0.00	65.76 2.69 0.00	72.25 3.22 0.00	92.45 3.35 -0.11	90.54 4.48 -0.03	81.11 4.14 -0.03	70.26 3.55 -0.04	66.92 3.46 -0.06	54.14 2.07 0.00
MORTIMER_115KV_TB3 55949	33.06 0.76 0.00	30.63 0.57 0.00	27.82 0.10 0.00	27.03 -0.11 0.00	29.31 -0.18 0.00	28.16 -0.16 0.00	29.43 0.08 0.00	28.00 0.21 0.00	29.71 0.65 0.00	29.99 0.91 0.00	32.68 1.35 0.00	37.41 1.87 0.00	41.32 2.37 0.00	47.19 3.32 -0.02	53.65 3.74 0.00	59.03 4.01 0.00	67.23 4.16 0.00	73.78 4.74 0.00	94.39 5.40 0.00	91.62 5.59 0.00	81.69 4.74 0.00	70.78 4.11 0.00	67.47 4.07 0.00	54.76 2.70 0.00
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	33.14 0.84 0.00	30.84 0.78 0.00	28.44 0.72 0.00	27.79 0.65 0.00	30.06 0.58 0.00	28.89 0.57 0.00	29.96 0.61 0.00	28.42 0.63 0.00	29.71 0.65 0.00	29.79 0.71 0.00	32.17 0.84 0.00	36.59 0.87 -0.17	40.36 0.87 -0.54	45.52 0.79 -0.87	51.84 0.82 -1.11	57.26 0.93 -1.32	66.29 1.07 -2.14	69.93 0.90 0.00	89.55 0.56 0.00	86.32 0.29 0.00	76.92 -0.02 0.00	66.66 -0.01 0.00	63.33 -0.07 0.00	52.60 0.42 -0.11
MUNSVILLE_WIND_PWR 323609	34.35 2.05 0.00	31.79 1.74 0.00	29.19 1.47 0.00	28.61 1.47 0.00	31.08 1.59 0.00	29.92 1.60 0.00	31.11 1.76 0.00	29.40 1.61 0.00	30.70 1.64 0.00	30.51 1.44 0.00	32.99 1.66 0.00	37.61 2.07 0.00	41.26 2.31 0.00	46.79 2.94 0.00	53.41 3.50 0.00	59.08 4.06 0.00	68.25 5.17 0.00	75.32 6.29 0.00	97.78 8.53 -0.26	95.36 9.26 -0.07	85.22 8.21 -0.06	73.45 6.69 -0.09	69.35 5.80 -0.15	56.17 4.10 0.00
N SALMON___HYD 24042	33.14 0.84 0.00	30.88 0.82 0.00	28.44 0.71 0.00	27.89 0.75 0.00	30.26 0.77 0.00	29.08 0.75 0.00	30.22 0.87 0.00	28.72 0.93 0.00	30.14 1.08 0.00	30.39 1.32 0.00	32.52 1.19 0.00	36.97 1.43 0.00	40.51 1.56 0.00	45.44 1.59 0.00	51.50 1.59 0.00	56.35 1.34 0.00	64.49 1.41 0.00	70.62 1.59 0.00	91.53 2.53 0.00	88.40 2.37 0.00	112.16 2.68 -32.53	110.34 1.94 -41.73	78.22 2.07 -12.74	53.56 1.49 0.00
N.AKRON__115KV_KNAPP 355671	33.50 1.21 0.00	31.00 0.95 0.00	27.92 0.20 0.00	27.03 -0.11 0.00	29.32 -0.17 0.00	28.17 -0.14 0.00	29.61 0.26 0.00	28.25 0.46 0.00	30.20 1.14 0.00	30.48 1.41 0.00	33.25 1.92 0.00	38.05 2.50 0.00	42.01 3.06 0.00	48.37 4.51 -0.01	54.85 4.94 0.00	60.25 5.23 0.00	68.35 5.27 0.00	75.04 6.01 0.00	95.65 6.65 0.00	93.26 7.23 0.00	83.41 6.47 0.00	72.47 5.80 0.00	69.37 5.96 0.00	56.07 4.00 0.00
N.E_GEN_SANDY PD 24062	32.56 0.26 0.00	30.36 0.37 0.07	28.22 0.50 0.00	27.64 0.50 0.00	29.99 0.50 0.00	28.79 0.47 0.00	30.98 0.46 -1.16	28.57 0.44 -0.34	28.94 0.27 0.39	29.22 0.15 0.00	31.86 0.06 -0.47	33.72 -0.22 1.61	34.89 -0.36 3.70	37.32 -0.58 5.95	41.82 -0.56 7.53	45.47 -0.59 8.96	47.05 -0.49 15.54	68.47 -0.56 0.00	88.52 -0.48 0.00	83.90 -0.66 1.47	76.27 -0.67 0.00	65.95 -0.72 0.00	60.74 -0.82 1.85	50.57 -0.37 1.13
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	32.98 0.68 0.00	30.69 0.64 0.00	28.30 0.57 0.00	27.66 0.52 0.00	29.93 0.45 0.00	28.76 0.44 0.00	29.83 0.48 0.00	28.28 0.49 0.00	29.55 0.49 0.00	29.62 0.55 0.00	32.01 0.69 0.00	36.41 0.71 -0.16	40.13 0.67 -0.51	45.28 0.62 -0.82	51.58 0.64 -1.03	57.10 0.85 -1.23	66.12 1.04 -2.00	69.93 0.89 0.00	89.53 0.54 0.00	86.33 0.30 0.00	76.94 0.00 0.00	66.66 -0.01 0.00	63.29 -0.11 0.00	52.43 0.25 -0.10
N.QUEENS_27_KV_LOAD 356247	33.32 1.02 0.00	31.05 0.99 0.00	28.53 0.80 0.00	27.84 0.70 0.00	30.10 0.61 0.00	28.92 0.60 0.00	29.99 0.64 0.00	28.51 0.72 0.00	29.76 0.70 0.00	29.84 0.77 0.00	32.18 0.85 0.00	36.65 0.93 -0.17	40.44 0.95 -0.54	45.56 0.84 -0.87	51.81 0.80 -1.11	57.23 0.90 -1.32	66.03 0.80 -2.14	69.76 0.73 0.00	89.29 0.30 0.00	86.10 0.07 0.00	76.70 -0.25 0.00	66.49 -0.18 0.00	63.37 -0.03 0.00	52.77 0.60 -0.11
N.TROY___115KV_TB1 355778	32.86 0.56 0.00	30.69 0.63 0.00	28.45 0.73 0.00	27.87 0.72 0.00	30.27 0.77 0.00	29.05 0.73 0.00	30.08 0.73 0.00	28.44 0.65 0.00	29.52 0.46 0.00	29.38 0.30 0.00	31.50 0.17 0.00	35.26 -0.07 0.22	38.10 -0.16 0.69	42.42 -0.31 1.11	48.36 -0.14 1.41	53.38 0.04 1.68	60.73 0.37 2.73	69.55 0.52 0.00	90.28 1.28 0.00	87.19 1.16 0.00	77.93 0.98 0.00	67.32 0.65 0.00	63.82 0.42 0.00	52.45 0.51 0.13
NARROWS_GT1_1 24228	33.30 1.00 0.00	30.94 0.89 0.00	28.46 0.74 0.00	27.80 0.66 0.00	30.01 0.53 0.00	28.85 0.53 0.00	29.92 0.57 0.00	28.43 0.64 0.00	29.71 0.65 0.00	29.81 0.73 0.00	32.16 0.83 0.00	36.64 0.92 -0.17	40.43 0.94 -0.54	45.57 0.85 -0.87	51.82 0.80 -1.11	57.19 0.86 -1.32	66.09 0.86 -2.14	69.77 0.73 0.00	89.37 0.38 0.00	86.21 0.18 0.00	76.80 -0.14 0.00	66.65 -0.02 0.00	63.41 0.01 0.00	52.78 0.61 -0.11
NARROWS_GT1_2 24229	33.30 1.00 0.00	30.94 0.89 0.00	28.46 0.74 0.00	27.80 0.66 0.00	30.01 0.53 0.00	28.85 0.53 0.00	29.92 0.57 0.00	28.43 0.64 0.00	29.71 0.65 0.00	29.81 0.73 0.00	32.16 0.83 0.00	36.64 0.92 -0.17	40.43 0.94 -0.54	45.57 0.85 -0.87	51.82 0.80 -1.11	57.19 0.86 -1.32	66.09 0.86 -2.14	69.77 0.73 0.00	89.37 0.38 0.00	86.21 0.18 0.00	76.80 -0.14 0.00	66.65 -0.02 0.00	63.41 0.01 0.00	52.78 0.61 -0.11
NARROWS_GT1_3 24230	33.30 1.00 0.00	30.94 0.89 0.00	28.46 0.74 0.00	27.80 0.66 0.00	30.01 0.53 0.00	28.85 0.53 0.00	29.92 0.57 0.00	28.43 0.64 0.00	29.71 0.65 0.00	29.81 0.73 0.00	32.16 0.83 0.00	36.64 0.92 -0.17	40.43 0.94 -0.54	45.57 0.85 -0.87	51.82 0.80 -1.11	57.19 0.86 -1.32	66.09 0.86 -2.14	69.77 0.73 0.00	89.37 0.38 0.00	86.21 0.18 0.00	76.80 -0.14 0.00	66.65 -0.02 0.00	63.41 0.01 0.00	52.78 0.61 -0.11
NARROWS_GT1_4 24231	33.30 1.00 0.00	30.94 0.89 0.00	28.46 0.74 0.00	27.80 0.66 0.00	30.01 0.53 0.00	28.85 0.53 0.00	29.92 0.57 0.00	28.43 0.64 0.00	29.71 0.65 0.00	29.81 0.73 0.00	32.16 0.83 0.00	36.64 0.92 -0.17	40.43 0.94 -0.54	45.57 0.85 -0.87	51.82 0.80 -1.11	57.19 0.86 -1.32	66.09 0.86 -2.14	69.77 0.73 0.00	89.37 0.38 0.00	86.21 0.18 0.00	76.80 -0.14 0.00	66.65 -0.02 0.00	63.41 0.01 0.00	52.78 0.61 -0.11
NARROWS_GT1_5 24232	33.30 1.00 0.00	30.94 0.89 0.00	28.46 0.74 0.00	27.80 0.66 0.00	30.01 0.53 0.00	28.85 0.53 0.00	29.92 0.57 0.00	28.43 0.64 0.00	29.71 0.65 0.00	29.81 0.73 0.00	32.16 0.83 0.00	36.64 0.92 -0.17	40.43 0.94 -0.54	45.57 0.85 -0.87	51.82 0.80 -1.11	57.19 0.86 -1.32	66.09 0.86 -2.14	69.77 0.73 0.00	89.37 0.38 0.00	86.21 0.18 0.00	76.80 -0.14 0.00	66.65 -0.02 0.00	63.41 0.01 0.00	52.78 0.61 -0.11

NARROWS_GT1_6 24233	33.30 1.00 0.00	30.94 0.89 0.00	28.46 0.74 0.00	27.80 0.66 0.00	30.01 0.53 0.00	28.85 0.53 0.00	29.92 0.57 0.00	28.43 0.64 0.00	29.71 0.65 0.00	29.81 0.73 0.00	32.16 0.83 0.00	36.64 0.92 -0.17	40.43 0.94 -0.54	45.57 0.85 -0.87	51.82 0.80 -1.11	57.19 0.86 -1.32	66.09 0.86 -2.14	69.77 0.73 0.00	89.37 0.38 0.00	86.21 0.18 0.00	76.80 -0.14 0.00	66.65 -0.02 0.00	63.41 0.01 0.00	52.78 0.61 -0.11
NARROWS_GT1_7 24234	33.30 1.00 0.00	30.94 0.89 0.00	28.46 0.74 0.00	27.80 0.66 0.00	30.01 0.53 0.00	28.85 0.53 0.00	29.92 0.57 0.00	28.43 0.64 0.00	29.71 0.65 0.00	29.81 0.73 0.00	32.16 0.83 0.00	36.64 0.92 -0.17	40.43 0.94 -0.54	45.57 0.85 -0.87	51.82 0.80 -1.11	57.19 0.86 -1.32	66.09 0.86 -2.14	69.77 0.73 0.00	89.37 0.38 0.00	86.21 0.18 0.00	76.80 -0.14 0.00	66.65 -0.02 0.00	63.41 0.01 0.00	52.78 0.61 -0.11
NARROWS_GT1_8 24235	33.30 1.00 0.00	30.94 0.89 0.00	28.46 0.74 0.00	27.80 0.66 0.00	30.01 0.53 0.00	28.85 0.53 0.00	29.92 0.57 0.00	28.43 0.64 0.00	29.71 0.65 0.00	29.81 0.73 0.00	32.16 0.83 0.00	36.64 0.92 -0.17	40.43 0.94 -0.54	45.57 0.85 -0.87	51.82 0.80 -1.11	57.19 0.86 -1.32	66.09 0.86 -2.14	69.77 0.73 0.00	89.37 0.38 0.00	86.21 0.18 0.00	76.80 -0.14 0.00	66.65 -0.02 0.00	63.41 0.01 0.00	52.78 0.61 -0.11
NARROWS_GT2_1 24236	33.30 1.00 0.00	30.94 0.89 0.00	28.46 0.74 0.00	27.80 0.66 0.00	30.01 0.53 0.00	28.85 0.53 0.00	29.92 0.57 0.00	28.43 0.64 0.00	29.71 0.65 0.00	29.81 0.73 0.00	32.16 0.83 0.00	36.64 0.92 -0.17	40.43 0.94 -0.54	45.57 0.85 -0.87	51.82 0.80 -1.11	57.19 0.86 -1.32	66.09 0.86 -2.14	69.77 0.73 0.00	89.37 0.38 0.00	86.21 0.18 0.00	76.80 -0.14 0.00	66.65 -0.02 0.00	63.41 0.01 0.00	52.78 0.61 -0.11
NARROWS_GT2_2 24237	33.30 1.00 0.00	30.94 0.89 0.00	28.46 0.74 0.00	27.80 0.66 0.00	30.01 0.53 0.00	28.85 0.53 0.00	29.92 0.57 0.00	28.43 0.64 0.00	29.71 0.65 0.00	29.81 0.73 0.00	32.16 0.83 0.00	36.64 0.92 -0.17	40.43 0.94 -0.54	45.57 0.85 -0.87	51.82 0.80 -1.11	57.19 0.86 -1.32	66.09 0.86 -2.14	69.77 0.73 0.00	89.37 0.38 0.00	86.21 0.18 0.00	76.80 -0.14 0.00	66.65 -0.02 0.00	63.41 0.01 0.00	52.78 0.61 -0.11
NARROWS_GT2_3 24238	33.30 1.00 0.00	30.94 0.89 0.00	28.46 0.74 0.00	27.80 0.66 0.00	30.01 0.53 0.00	28.85 0.53 0.00	29.92 0.57 0.00	28.43 0.64 0.00	29.71 0.65 0.00	29.81 0.73 0.00	32.16 0.83 0.00	36.64 0.92 -0.17	40.43 0.94 -0.54	45.57 0.85 -0.87	51.82 0.80 -1.11	57.19 0.86 -1.32	66.09 0.86 -2.14	69.77 0.73 0.00	89.37 0.38 0.00	86.21 0.18 0.00	76.80 -0.14 0.00	66.65 -0.02 0.00	63.41 0.01 0.00	52.78 0.61 -0.11
NARROWS_GT2_4 24239	33.30 1.00 0.00	30.94 0.89 0.00	28.46 0.74 0.00	27.80 0.66 0.00	30.01 0.53 0.00	28.85 0.53 0.00	29.92 0.57 0.00	28.43 0.64 0.00	29.71 0.65 0.00	29.81 0.73 0.00	32.16 0.83 0.00	36.64 0.92 -0.17	40.43 0.94 -0.54	45.57 0.85 -0.87	51.82 0.80 -1.11	57.19 0.86 -1.32	66.09 0.86 -2.14	69.77 0.73 0.00	89.37 0.38 0.00	86.21 0.18 0.00	76.80 -0.14 0.00	66.65 -0.02 0.00	63.41 0.01 0.00	52.78 0.61 -0.11
NARROWS_GT2_5 24240	33.30 1.00 0.00	30.94 0.89 0.00	28.46 0.74 0.00	27.80 0.66 0.00	30.01 0.53 0.00	28.85 0.53 0.00	29.92 0.57 0.00	28.43 0.64 0.00	29.71 0.65 0.00	29.81 0.73 0.00	32.16 0.83 0.00	36.64 0.92 -0.17	40.43 0.94 -0.54	45.57 0.85 -0.87	51.82 0.80 -1.11	57.19 0.86 -1.32	66.09 0.86 -2.14	69.77 0.73 0.00	89.37 0.38 0.00	86.21 0.18 0.00	76.80 -0.14 0.00	66.65 -0.02 0.00	63.41 0.01 0.00	52.78 0.61 -0.11
NARROWS_GT2_6 24241	33.30 1.00 0.00	30.94 0.89 0.00	28.46 0.74 0.00	27.80 0.66 0.00	30.01 0.53 0.00	28.85 0.53 0.00	29.92 0.57 0.00	28.43 0.64 0.00	29.71 0.65 0.00	29.81 0.73 0.00	32.16 0.83 0.00	36.64 0.92 -0.17	40.43 0.94 -0.54	45.57 0.85 -0.87	51.82 0.80 -1.11	57.19 0.86 -1.32	66.09 0.86 -2.14	69.77 0.73 0.00	89.37 0.38 0.00	86.21 0.18 0.00	76.80 -0.14 0.00	66.65 -0.02 0.00	63.41 0.01 0.00	52.78 0.61 -0.11
NARROWS_GT2_7 24242	33.30 1.00 0.00	30.94 0.89 0.00	28.46 0.74 0.00	27.80 0.66 0.00	30.01 0.53 0.00	28.85 0.53 0.00	29.92 0.57 0.00	28.43 0.64 0.00	29.71 0.65 0.00	29.81 0.73 0.00	32.16 0.83 0.00	36.64 0.92 -0.17	40.43 0.94 -0.54	45.57 0.85 -0.87	51.82 0.80 -1.11	57.19 0.86 -1.32	66.09 0.86 -2.14	69.77 0.73 0.00	89.37 0.38 0.00	86.21 0.18 0.00	76.80 -0.14 0.00	66.65 -0.02 0.00	63.41 0.01 0.00	52.78 0.61 -0.11
NARROWS_GT2_8 24243	33.30 1.00 0.00	30.94 0.89 0.00	28.46 0.74 0.00	27.80 0.66 0.00	30.01 0.53 0.00	28.85 0.53 0.00	29.92 0.57 0.00	28.43 0.64 0.00	29.71 0.65 0.00	29.81 0.73 0.00	32.16 0.83 0.00	36.64 0.92 -0.17	40.43 0.94 -0.54	45.57 0.85 -0.87	51.82 0.80 -1.11	57.19 0.86 -1.32	66.09 0.86 -2.14	69.77 0.73 0.00	89.37 0.38 0.00	86.21 0.18 0.00	76.80 -0.14 0.00	66.65 -0.02 0.00	63.41 0.01 0.00	52.78 0.61 -0.11
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	33.08 0.78 0.00	30.84 0.78 0.00	28.54 0.81 0.00	27.95 0.81 0.00	30.39 0.90 0.00	29.16 0.84 0.00	30.17 0.82 0.00	28.51 0.72 0.00	29.52 0.46 0.00	29.23 0.16 0.00	31.31 -0.02 0.00	35.20 -0.27 0.07	38.32 -0.42 0.21	42.88 -0.63 0.34	49.18 -0.30 0.43	54.82 0.32 0.52	62.89 0.65 0.84	69.90 0.86 0.00	91.28 2.28 0.00	88.75 2.71 0.00	79.43 2.48 0.00	68.61 1.94 0.00	64.95 1.55 0.00	53.28 1.25 0.04
NCHELSEA_115KV_TR2 355582	33.21 0.91 0.00	30.90 0.84 0.00	28.49 0.77 0.00	27.85 0.72 0.00	30.19 0.70 0.00	29.01 0.69 0.00	30.05 0.70 0.00	28.49 0.70 0.00	29.75 0.69 0.00	29.77 0.70 0.00	32.18 0.85 0.00	36.58 0.90 -0.14	40.31 0.93 -0.43	45.49 0.96 -0.68	51.88 1.11 -0.87	57.42 1.37 -1.03	66.46 1.70 -1.68	70.84 1.80 0.00	90.90 1.90 0.00	87.61 1.58 0.00	78.06 1.12 0.00	67.55 0.88 0.00	64.08 0.68 0.00	52.94 0.78 -0.09
NEG CAPITAL___MECHNVIL 23645	33.50 1.20 0.00	31.20 1.15 0.00	28.88 1.16 0.00	28.26 1.12 0.00	30.69 1.20 0.00	29.46 1.13 0.00	30.52 1.17 0.00	28.84 1.05 0.00	29.94 0.87 0.00	29.79 0.72 0.00	31.95 0.63 0.00	35.91 0.56 0.19	38.93 0.58 0.60	43.46 0.58 0.96	49.58 0.88 1.22	54.80 1.24 1.45	62.64 1.92 2.36	71.45 2.42 0.00	92.89 3.89 0.00	89.70 3.67 0.00	80.11 3.17 0.00	69.08 2.41 0.00	65.36 1.95 0.00	53.57 1.62 0.11
NEG CENTRAL_HIGH_ACRES 23767	32.33 0.03 0.00	29.95 -0.11 0.00	27.26 -0.46 0.00	26.52 -0.62 0.00	28.76 -0.73 0.00	27.64 -0.68 0.00	28.84 -0.52 0.00	27.43 -0.37 0.00	29.03 -0.04 0.00	29.24 0.17 0.00	31.84 0.52 0.00	36.43 0.88 0.00	40.22 1.27 0.00	45.85 2.02 0.02	52.17 2.26 0.00	57.45 2.44 0.00	65.57 2.49 0.00	71.99 2.96 0.00	92.34 3.35 0.00	89.53 3.50 0.00	79.80 2.86 0.00	69.07 2.40 0.00	65.70 2.30 0.00	53.35 1.28 0.00

NEG CENTRAL___DRP 24199	32.76 0.46 0.00	30.34 0.28 0.00	27.74 0.02 0.00	27.06 -0.08 0.00	29.39 -0.10 0.00	28.27 -0.05 0.00	29.44 0.09 0.00	27.90 0.11 0.00	29.28 0.22 0.00	29.29 0.21 0.00	31.75 0.42 0.00	36.19 0.65 0.00	39.83 0.88 0.00	45.26 1.41 0.01	51.65 1.74 0.00	56.93 1.91 0.00	65.27 2.19 0.00	71.82 2.79 0.00	92.70 3.30 -0.39	89.72 3.59 -0.10	80.39 3.35 -0.10	69.55 2.74 -0.14	66.04 2.40 -0.23	53.59 1.52 0.00
NEG CENTRAL___INDECK 23768	33.95 1.65 0.00	31.43 1.37 0.00	28.49 0.77 0.00	27.70 0.56 0.00	30.05 0.56 0.00	28.93 0.61 0.00	30.35 0.99 0.00	28.76 0.96 0.00	30.27 1.20 0.00	30.33 1.25 0.00	33.07 1.75 0.00	37.92 2.38 0.00	41.85 2.90 0.00	47.70 3.84 -0.01	54.06 4.15 0.00	58.59 3.57 0.00	66.40 3.31 0.00	73.06 4.03 0.00	93.56 4.56 0.00	92.32 6.28 0.00	82.97 6.02 0.00	71.88 5.21 0.00	69.52 6.12 0.00	56.67 4.60 0.00
NEG CENTRAL___SENECA 23627	32.95 0.65 0.00	30.52 0.47 0.00	27.84 0.12 0.00	27.14 0.00 0.00	29.47 -0.02 0.00	28.35 0.03 0.00	29.57 0.21 0.00	28.02 0.23 0.00	29.46 0.40 0.00	29.50 0.42 0.00	32.01 0.69 0.00	36.54 0.99 0.00	40.22 1.27 0.00	45.75 1.91 0.01	52.20 2.29 0.00	57.49 2.47 0.00	65.90 2.82 0.00	72.60 3.57 0.00	93.29 4.07 -0.22	90.60 4.51 -0.06	81.26 4.26 -0.06	70.25 3.50 -0.08	66.62 3.09 -0.13	54.04 1.98 0.00
NEG CENTRAL___STATE_STREET 24147	32.72 0.42 0.00	30.24 0.18 0.00	27.72 0.00 0.00	27.07 -0.07 0.00	29.41 -0.08 0.00	28.35 0.03 0.00	29.48 0.13 0.00	27.94 0.14 0.00	29.23 0.17 0.00	29.12 0.04 0.00	31.49 0.16 0.00	35.85 0.30 0.00	39.40 0.44 0.00	44.81 0.96 0.00	51.09 1.18 0.00	56.41 1.40 0.00	64.76 1.67 0.00	71.18 2.15 0.00	92.20 2.69 -0.52	88.85 2.68 -0.14	79.66 2.58 -0.13	68.95 2.09 -0.19	65.60 1.89 -0.30	53.27 1.20 0.00
NEG MILLWOOD___DRP 24198	33.25 0.96 0.00	30.94 0.88 0.00	28.53 0.80 0.00	27.88 0.74 0.00	30.19 0.71 0.00	29.01 0.69 0.00	30.07 0.71 0.00	28.52 0.73 0.00	29.80 0.74 0.00	29.85 0.77 0.00	32.25 0.93 0.00	36.69 0.99 -0.15	40.47 1.04 -0.48	45.69 1.07 -0.77	52.12 1.24 -0.97	57.67 1.50 -1.16	66.82 1.85 -1.88	70.97 1.94 0.00	90.98 1.99 0.00	87.68 1.65 0.00	78.06 1.12 0.00	67.55 0.88 0.00	64.08 0.67 0.00	52.97 0.81 -0.10
NEG NORTH_FLCN_SEA 23793	33.00 0.70 0.00	30.84 0.78 0.00	28.42 0.69 0.00	27.85 0.71 0.00	30.21 0.73 0.00	29.02 0.70 0.00	30.12 0.77 0.00	28.64 0.85 0.00	30.00 0.94 0.00	30.21 1.14 0.00	32.44 1.11 0.00	36.84 1.30 0.00	40.33 1.38 0.00	45.05 1.20 0.00	50.87 0.96 0.00	55.56 0.54 0.00	63.58 0.50 0.00	69.43 0.40 0.00	90.06 1.07 0.00	86.91 0.87 0.00	76.81 1.04 1.18	68.66 0.44 -1.56	62.55 0.42 1.28	52.47 0.40 0.00
NEG NORTH_KES_CHATEGAY 23792	32.64 0.34 0.00	30.47 0.41 0.00	28.09 0.37 0.00	27.55 0.41 0.00	29.89 0.40 0.00	28.72 0.40 0.00	29.83 0.48 0.00	28.35 0.56 0.00	29.70 0.64 0.00	29.90 0.83 0.00	32.09 0.76 0.00	36.48 0.94 0.00	39.98 1.03 0.00	44.80 0.95 0.00	50.68 0.77 0.00	55.49 0.48 0.00	63.51 0.43 0.00	69.40 0.36 0.00	89.86 0.86 0.00	86.85 0.82 0.00	76.93 1.07 1.08	71.77 0.59 -4.51	62.09 0.68 1.99	52.53 0.46 0.00
NEG NORTH___ALICE_FALLS 23915	33.09 0.79 0.00	30.89 0.83 0.00	28.47 0.74 0.00	27.89 0.75 0.00	30.26 0.77 0.00	29.06 0.74 0.00	30.18 0.83 0.00	28.68 0.89 0.00	30.03 0.97 0.00	30.21 1.13 0.00	32.43 1.11 0.00	36.87 1.32 0.00	40.40 1.45 0.00	45.21 1.36 0.00	51.11 1.20 0.00	55.89 0.87 0.00	64.03 0.95 0.00	69.95 0.92 0.00	90.84 1.85 0.00	87.69 1.66 0.00	77.63 1.85 1.16	69.83 1.13 -2.03	63.11 1.10 1.39	52.94 0.88 0.00
NEG NORTH___LWR_SARANAC 23913	33.09 0.79 0.00	30.89 0.83 0.00	28.47 0.74 0.00	27.89 0.75 0.00	30.26 0.77 0.00	29.06 0.74 0.00	30.18 0.83 0.00	28.68 0.89 0.00	30.03 0.97 0.00	30.21 1.13 0.00	32.43 1.11 0.00	36.87 1.32 0.00	40.40 1.45 0.00	45.21 1.36 0.00	51.11 1.20 0.00	55.89 0.87 0.00	64.03 0.95 0.00	69.95 0.92 0.00	90.84 1.85 0.00	87.69 1.66 0.00	77.63 1.85 1.16	69.83 1.13 -2.03	63.11 1.10 1.39	52.94 0.88 0.00
NEG NORTH___PLATTSBURG 23628	33.09 0.79 0.00	30.89 0.83 0.00	28.47 0.74 0.00	27.89 0.75 0.00	30.26 0.77 0.00	29.06 0.74 0.00	30.18 0.83 0.00	28.68 0.89 0.00	30.03 0.97 0.00	30.21 1.13 0.00	32.43 1.11 0.00	36.87 1.32 0.00	40.39 1.45 0.00	45.20 1.35 0.00	51.11 1.20 0.00	55.89 0.87 0.00	64.03 0.95 0.00	69.95 0.92 0.00	90.84 1.84 0.00	87.69 1.66 0.00	77.63 1.84 1.16	69.83 1.13 -2.03	63.11 1.10 1.39	52.94 0.88 0.00
NEG WEST_LEA_LOCKPORT 23791	32.98 0.68 0.00	30.55 0.49 0.00	27.49 -0.23 0.00	26.61 -0.53 0.00	28.87 -0.62 0.00	27.74 -0.58 0.00	29.17 -0.18 0.00	27.85 0.06 0.00	29.85 0.79 0.00	30.19 1.11 0.00	32.92 1.59 0.00	37.63 2.09 0.00	41.53 2.58 0.00	47.75 3.89 -0.01	54.12 4.21 0.00	59.36 4.35 0.00	67.16 4.08 0.00	73.64 4.61 0.00	93.60 4.61 0.00	91.13 5.09 0.00	81.49 4.54 0.00	70.93 4.26 0.00	68.07 4.66 0.00	55.08 3.02 0.00
NEG WEST___LANCASTR 23811	32.71 0.40 0.00	30.27 0.21 0.00	27.38 -0.34 0.00	26.58 -0.56 0.00	28.80 -0.69 0.00	27.68 -0.64 0.00	29.09 -0.26 0.00	27.71 -0.08 0.00	29.64 0.58 0.00	29.98 0.90 0.00	32.80 1.47 0.00	37.64 2.09 0.00	41.48 2.53 0.00	47.47 3.62 -0.01	53.97 4.06 0.00	59.31 4.29 0.00	67.29 4.21 0.00	73.78 4.75 0.00	93.86 4.87 0.00	91.23 5.19 0.00	81.38 4.43 0.00	70.68 4.02 0.00	67.54 4.14 0.00	54.72 2.65 0.00
NEG_PENN_ALLEGHNY 23528	32.51 0.21 0.00	30.19 0.14 0.00	27.74 0.01 0.00	27.12 -0.02 0.00	29.49 0.00 0.00	28.34 0.02 0.00	29.45 0.10 0.00	27.83 0.04 0.00	29.20 0.14 0.00	29.17 0.09 0.00	31.60 0.27 0.00	36.00 0.45 0.00	39.45 0.50 0.00	44.69 0.84 0.00	51.04 1.14 0.00	56.38 1.36 0.00	64.64 1.56 0.00	70.91 1.88 0.00	91.17 1.93 -0.25	88.28 2.18 -0.07	78.79 1.79 -0.06	68.27 1.51 -0.09	64.82 1.28 -0.14	52.87 0.80 0.00
NEG___GEN_MONROE 24207	33.48 1.18 0.00	30.98 0.93 0.00	28.09 0.37 0.00	27.22 0.08 0.00	29.51 0.02 0.00	28.35 0.03 0.00	29.68 0.33 0.00	28.23 0.44 0.00	29.98 0.91 0.00	30.28 1.21 0.00	33.00 1.67 0.00	37.74 2.19 0.00	41.63 2.68 0.00	47.67 3.80 -0.02	54.21 4.30 0.00	59.67 4.66 0.00	68.04 4.96 0.00	74.55 5.52 0.00	95.52 6.52 0.00	92.92 6.88 0.00	83.05 6.10 0.00	71.93 5.27 0.00	68.63 5.23 0.00	55.66 3.60 0.00
NEPA___ENERGY 23901	32.43 0.13 0.00	29.93 -0.13 0.00	27.10 -0.62 0.00	26.38 -0.76 0.00	28.65 -0.85 0.00	27.53 -0.79 0.00	28.97 -0.38 0.00	27.47 -0.32 0.00	29.39 0.33 0.00	29.61 0.54 0.00	32.48 1.16 0.00	37.34 1.80 0.00	40.97 2.02 0.00	46.95 3.09 -0.01	53.65 3.74 0.00	59.18 4.16 0.00	67.18 4.10 0.00	73.68 4.65 0.00	93.15 4.16 0.00	90.97 4.94 0.00	81.25 4.30 0.00	70.59 3.92 0.00	67.31 3.90 0.00	54.60 2.53 0.00

NEVERSINK___HYD 23608	32.77 0.47 0.00	30.47 0.41 0.00	28.06 0.34 0.00	27.43 0.29 0.00	29.74 0.25 0.00	28.57 0.25 0.00	29.59 0.24 0.00	28.04 0.25 0.00	29.29 0.23 0.00	29.29 0.21 0.00	31.60 0.28 0.00	35.91 0.26 -0.11	39.55 0.26 -0.34	44.40 0.01 -0.54	49.27 -1.33 -0.68	54.53 -1.29 -0.81	63.21 -1.19 -1.32	67.86 -1.18 0.00	87.31 -1.69 0.00	84.52 -1.52 0.00	77.45 0.51 0.00	67.04 0.37 0.00	63.65 0.25 0.00	52.47 0.33 -0.07
NEWKRMKL_115KV_TB1 55635	32.33 0.03 0.00	30.17 0.11 0.00	27.96 0.24 0.00	27.39 0.25 0.00	29.76 0.28 0.00	28.57 0.24 0.00	29.55 0.19 0.00	27.94 0.15 0.00	29.06 0.00 0.00	28.94 -0.13 0.00	31.08 -0.25 0.00	34.87 -0.52 0.15	37.80 -0.69 0.47	42.10 -1.00 0.75	48.33 -0.63 0.95	53.80 -0.08 1.13	61.43 0.19 1.84	69.22 0.18 0.00	89.78 0.79 0.00	86.87 0.84 0.00	77.63 0.68 0.00	67.14 0.47 0.00	63.71 0.31 0.00	52.39 0.41 0.09
NEWTON___FALLS_HYD 23847	33.40 1.10 0.00	30.88 0.82 0.00	28.31 0.59 0.00	27.75 0.61 0.00	30.21 0.72 0.00	29.11 0.79 0.00	30.31 0.95 0.00	28.73 0.94 0.00	30.09 1.03 0.00	30.19 1.12 0.00	32.40 1.08 0.00	36.66 1.12 0.00	40.13 1.18 0.00	45.19 1.34 0.00	51.43 1.53 0.00	56.51 1.49 0.00	64.75 1.67 0.00	71.13 2.10 0.00	92.69 3.50 -0.19	90.48 4.40 -0.05	104.25 4.71 -22.60	115.17 4.08 -44.42	72.06 3.82 -4.84	54.88 2.82 0.00
NGRID_A1_DSASP 323792	32.50 0.20 0.00	30.15 0.09 0.00	27.12 -0.60 0.00	26.24 -0.90 0.00	28.47 -1.03 0.00	27.34 -0.98 0.00	28.76 -0.59 0.00	27.48 -0.32 0.00	29.50 0.44 0.00	29.89 0.81 0.00	32.65 1.32 0.00	37.18 1.63 0.00	41.06 2.10 0.00	47.21 3.35 -0.01	53.42 3.51 0.00	58.51 3.49 0.00	66.12 3.04 0.00	72.46 3.43 0.00	91.96 2.96 0.00	89.39 3.36 0.00	79.99 3.05 0.00	69.66 2.99 0.00	67.20 3.80 0.00	54.52 2.45 0.00
NGRID_A2_DSASP 323793	32.50 0.20 0.00	30.15 0.09 0.00	27.12 -0.60 0.00	26.24 -0.90 0.00	28.47 -1.03 0.00	27.34 -0.98 0.00	28.76 -0.59 0.00	27.48 -0.32 0.00	29.50 0.44 0.00	29.89 0.81 0.00	32.65 1.32 0.00	37.18 1.63 0.00	41.06 2.10 0.00	47.21 3.35 -0.01	53.42 3.51 0.00	58.51 3.49 0.00	66.12 3.04 0.00	72.46 3.43 0.00	91.96 2.96 0.00	89.39 3.36 0.00	79.99 3.05 0.00	69.66 2.99 0.00	67.20 3.80 0.00	54.52 2.45 0.00
NGRID_A4_DSASP 323807	32.50 0.20 0.00	30.15 0.09 0.00	27.12 -0.60 0.00	26.24 -0.90 0.00	28.47 -1.03 0.00	27.34 -0.98 0.00	28.76 -0.59 0.00	27.48 -0.32 0.00	29.50 0.44 0.00	29.89 0.81 0.00	32.65 1.32 0.00	37.18 1.63 0.00	41.06 2.10 0.00	47.21 3.35 -0.01	53.42 3.51 0.00	58.51 3.49 0.00	66.12 3.04 0.00	72.46 3.43 0.00	91.96 2.96 0.00	89.39 3.36 0.00	79.99 3.05 0.00	69.66 2.99 0.00	67.20 3.80 0.00	54.52 2.45 0.00
NIAGARA_115E_LBMP 323715	32.58 0.28 0.00	30.19 0.14 0.00	27.15 -0.57 0.00	26.28 -0.86 0.00	28.53 -0.96 0.00	27.42 -0.90 0.00	28.85 -0.50 0.00	27.56 -0.23 0.00	29.55 0.49 0.00	29.91 0.84 0.00	32.66 1.33 0.00	37.36 1.81 0.00	41.28 2.33 0.00	47.47 3.61 -0.01	53.74 3.84 0.00	58.90 3.89 0.00	66.59 3.51 0.00	72.99 3.96 0.00	92.64 3.65 0.00	90.18 4.14 0.00	80.74 3.79 0.00	70.29 3.62 0.00	67.55 4.14 0.00	54.67 2.60 0.00
NIAGARA_115W_LBMP 323714	32.43 0.13 0.00	30.07 0.01 0.00	27.05 -0.67 0.00	26.18 -0.96 0.00	28.41 -1.09 0.00	27.28 -1.03 0.00	28.70 -0.65 0.00	27.41 -0.38 0.00	29.43 0.37 0.00	29.82 0.74 0.00	32.57 1.24 0.00	37.07 1.53 0.00	40.93 1.98 0.00	47.05 3.19 -0.01	53.26 3.35 0.00	58.31 3.30 0.00	65.89 2.81 0.00	72.22 3.19 0.00	91.65 2.66 0.00	89.11 3.08 0.00	79.74 2.80 0.00	69.45 2.79 0.00	67.04 3.64 0.00	54.40 2.33 0.00
NIAGARA_230_LBMP 323716	32.59 0.29 0.00	30.22 0.16 0.00	27.24 -0.48 0.00	26.38 -0.76 0.00	28.61 -0.89 0.00	27.47 -0.85 0.00	28.88 -0.47 0.00	27.57 -0.22 0.00	29.56 0.50 0.00	29.94 0.86 0.00	32.71 1.38 0.00	37.43 1.88 0.00	41.31 2.36 0.00	47.40 3.54 -0.01	53.68 3.77 0.00	58.84 3.82 0.00	66.56 3.48 0.00	72.91 3.88 0.00	92.64 3.65 0.00	90.07 4.04 0.00	80.47 3.53 0.00	70.09 3.42 0.00	67.33 3.93 0.00	54.57 2.50 0.00
NIAGARA___115KV_198_GIBSON 55903	32.43 0.13 0.00	30.07 0.01 0.00	27.05 -0.67 0.00	26.19 -0.96 0.00	28.41 -1.09 0.00	27.28 -1.03 0.00	28.71 -0.65 0.00	27.41 -0.38 0.00	29.43 0.37 0.00	29.82 0.74 0.00	32.57 1.24 0.00	37.07 1.53 0.00	40.93 1.98 0.00	47.03 3.18 -0.01	53.25 3.34 0.00	58.31 3.29 0.00	65.89 2.81 0.00	72.22 3.19 0.00	91.68 2.68 0.00	89.11 3.08 0.00	79.72 2.78 0.00	69.43 2.76 0.00	67.02 3.61 0.00	54.40 2.34 0.00
NIAGARA____ 23760	32.59 0.29 0.00	30.22 0.16 0.00	27.24 -0.48 0.00	26.38 -0.76 0.00	28.61 -0.89 0.00	27.47 -0.85 0.00	28.88 -0.47 0.00	27.57 -0.22 0.00	29.56 0.50 0.00	29.94 0.86 0.00	32.71 1.38 0.00	37.43 1.88 0.00	41.31 2.36 0.00	47.40 3.54 -0.01	53.68 3.77 0.00	58.84 3.82 0.00	66.56 3.48 0.00	72.91 3.88 0.00	92.64 3.65 0.00	90.07 4.04 0.00	80.47 3.53 0.00	70.09 3.42 0.00	67.33 3.93 0.00	54.57 2.50 0.00
NINE_MILE_1 23575	31.39 -0.91 0.00	29.16 -0.89 0.00	26.82 -0.90 0.00	26.22 -0.92 0.00	28.49 -1.00 0.00	27.38 -0.94 0.00	28.41 -0.94 0.00	26.91 -0.88 0.00	28.18 -0.88 0.00	28.21 -0.87 0.00	30.49 -0.84 0.00	34.64 -0.91 0.00	38.01 -0.94 0.00	42.96 -0.89 0.00	48.93 -0.98 0.00	53.94 -1.07 0.00	61.84 -1.24 0.00	67.78 -1.25 0.00	83.75 -1.74 3.50	83.55 -1.55 0.93	74.62 -1.45 0.88	64.09 -1.30 1.28	60.04 -1.29 2.06	50.88 -1.19 0.00
NINE_MILE_2 23744	31.39 -0.91 0.00	29.16 -0.89 0.00	26.82 -0.90 0.00	26.22 -0.92 0.00	28.49 -1.00 0.00	27.38 -0.94 0.00	28.41 -0.94 0.00	26.91 -0.88 0.00	28.18 -0.88 0.00	28.21 -0.87 0.00	30.49 -0.84 0.00	34.64 -0.91 0.00	38.01 -0.94 0.00	42.96 -0.89 0.00	48.93 -0.98 0.00	53.94 -1.07 0.00	61.83 -1.25 0.00	67.78 -1.25 0.00	83.69 -1.75 3.56	83.53 -1.55 0.94	74.60 -1.45 0.89	64.07 -1.30 1.30	60.00 -1.31 2.10	50.88 -1.19 0.00
NM_CAPITAL___DRP 24208	32.34 0.04 0.00	30.22 0.16 0.00	28.01 0.29 0.00	27.44 0.30 0.00	29.81 0.33 0.00	28.62 0.29 0.00	29.59 0.24 0.00	27.99 0.20 0.00	29.10 0.04 0.00	28.98 -0.09 0.00	31.12 -0.21 0.00	34.87 -0.51 0.17	37.77 -0.67 0.52	42.04 -0.98 0.83	48.18 -0.68 1.05	53.52 -0.25 1.25	61.02 -0.03 2.03	68.96 -0.07 0.00	89.46 0.46 0.00	86.49 0.45 0.00	77.27 0.33 0.00	66.85 0.18 0.00	63.45 0.04 0.00	52.19 0.22 0.10
NM_CENTRAL___DRP 24181	32.02 -0.28 0.00	29.71 -0.35 0.00	27.28 -0.44 0.00	26.65 -0.49 0.00	28.98 -0.51 0.00	27.87 -0.45 0.00	28.94 -0.41 0.00	27.41 -0.38 0.00	28.70 -0.36 0.00	28.73 -0.34 0.00	31.10 -0.22 0.00	35.36 -0.19 0.00	38.85 -0.10 0.00	43.96 0.11 0.00	50.15 0.24 0.00	55.34 0.32 0.00	63.48 0.40 0.00	69.67 0.63 0.00	90.04 0.70 -0.34	86.96 0.84 -0.09	78.03 0.60 -0.49	67.54 0.39 -0.48	64.02 0.22 -0.40	52.03 -0.04 0.00

NM_FRONTIER___DRP 24179	32.43 0.13 0.00	30.07 0.01 0.00	27.05 -0.67 0.00	26.19 -0.96 0.00	28.41 -1.09 0.00	27.28 -1.03 0.00	28.71 -0.65 0.00	27.41 -0.38 0.00	29.43 0.37 0.00	29.82 0.74 0.00	32.57 1.24 0.00	37.07 1.53 0.00	40.93 1.98 0.00	47.03 3.18 -0.01	53.25 3.34 0.00	58.31 3.29 0.00	65.89 2.81 0.00	72.22 3.19 0.00	91.68 2.68 0.00	89.11 3.08 0.00	79.72 2.78 0.00	69.43 2.76 0.00	67.02 3.61 0.00	54.40 2.34 0.00
NM_ST_REGIS___HYD 24053	33.39 1.09 0.00	31.05 1.00 0.00	28.60 0.87 0.00	28.05 0.92 0.00	30.41 0.92 0.00	29.22 0.91 0.00	30.36 1.01 0.00	28.80 1.01 0.00	30.18 1.12 0.00	30.38 1.31 0.00	32.48 1.15 0.00	36.89 1.34 0.00	40.41 1.46 0.00	45.35 1.50 0.00	51.41 1.50 0.00	56.27 1.26 0.00	64.29 1.21 0.00	70.44 1.40 0.00	91.06 2.06 0.00	88.28 2.25 0.00	112.99 2.90 -33.14	129.68 2.41 -60.60	74.14 2.57 -8.16	54.00 1.94 0.00
NORTHPORT___1 23551	32.66 0.36 0.00	30.56 0.51 0.00	28.11 0.39 0.00	27.41 0.27 0.00	29.64 0.15 0.00	28.42 0.10 0.00	29.50 0.15 0.00	27.86 0.06 0.00	29.13 0.07 0.00	29.29 0.22 0.00	31.94 0.61 0.00	36.12 0.40 -0.17	39.72 0.23 -0.54	44.29 -0.43 -0.87	35.14 -0.93 13.84	27.79 -1.04 26.19	49.95 -0.87 12.27	66.16 -1.08 1.79	39.53 -2.46 47.00	37.98 -2.45 45.61	26.51 -2.44 48.00	26.47 -2.16 38.04	31.27 -2.18 29.94	49.70 -1.02 1.35
NORTHPORT___2 23552	32.66 0.36 0.00	30.56 0.51 0.00	28.11 0.39 0.00	27.41 0.27 0.00	29.64 0.15 0.00	28.42 0.10 0.00	29.50 0.15 0.00	27.86 0.06 0.00	29.13 0.07 0.00	29.29 0.22 0.00	31.94 0.61 0.00	36.12 0.40 -0.17	39.72 0.23 -0.54	44.29 -0.43 -0.87	35.14 -0.93 13.84	27.79 -1.04 26.19	49.95 -0.87 12.27	66.16 -1.08 1.79	39.53 -2.46 47.00	37.98 -2.45 45.61	26.51 -2.44 48.00	26.47 -2.16 38.04	31.27 -2.18 29.94	49.70 -1.02 1.35
NORTHPORT___3 23553	32.54 0.24 0.00	30.44 0.38 0.00	28.02 0.29 0.00	27.32 0.18 0.00	29.54 0.05 0.00	28.32 0.01 0.00	29.39 0.04 0.00	27.71 -0.08 0.00	28.98 -0.08 0.00	29.14 0.07 0.00	31.81 0.48 0.00	36.05 0.33 -0.17	39.63 0.14 -0.54	44.17 -0.55 -0.87	35.03 -1.12 13.76	27.84 -1.14 26.04	49.66 -1.23 12.19	65.77 -1.49 1.78	39.34 -2.92 46.74	37.76 -2.92 45.35	26.38 -2.83 47.73	26.34 -2.50 37.83	31.23 -2.39 29.78	49.51 -1.21 1.34
NORTHPORT___4 23650	32.54 0.24 0.00	30.44 0.38 0.00	28.02 0.29 0.00	27.32 0.18 0.00	29.54 0.05 0.00	28.32 0.01 0.00	29.39 0.04 0.00	27.71 -0.08 0.00	28.98 -0.08 0.00	29.14 0.07 0.00	31.81 0.48 0.00	36.05 0.33 -0.17	39.63 0.14 -0.54	44.17 -0.55 -0.87	35.03 -1.12 13.76	27.84 -1.14 26.04	49.66 -1.23 12.19	65.77 -1.49 1.78	39.34 -2.92 46.74	37.76 -2.92 45.35	26.38 -2.83 47.73	26.34 -2.50 37.83	31.23 -2.39 29.78	49.51 -1.21 1.34
NORTHPORT___IC 23718	32.66 0.36 0.00	30.56 0.51 0.00	28.11 0.39 0.00	27.41 0.27 0.00	29.64 0.15 0.00	28.42 0.10 0.00	29.50 0.15 0.00	27.86 0.06 0.00	29.13 0.07 0.00	29.29 0.22 0.00	31.94 0.61 0.00	36.12 0.40 -0.17	39.72 0.23 -0.54	44.29 -0.43 -0.87	35.16 -0.91 13.84	27.83 -0.99 26.19	49.96 -0.86 12.27	66.17 -1.08 1.79	39.55 -2.45 47.00	38.00 -2.42 45.61	26.55 -2.40 48.00	26.51 -2.12 38.04	31.33 -2.13 29.94	49.70 -1.02 1.35
NORTH___COUNTRY_ESR 323785	32.54 0.24 0.00	30.38 0.33 0.00	28.02 0.29 0.00	27.48 0.33 0.00	29.81 0.33 0.00	28.65 0.33 0.00	29.77 0.42 0.00	28.30 0.50 0.00	29.69 0.63 0.00	29.90 0.83 0.00	32.08 0.76 0.00	36.48 0.93 0.00	39.97 1.02 0.00	44.79 0.94 0.00	50.68 0.77 0.00	55.48 0.46 0.00	63.50 0.42 0.00	69.37 0.34 0.00	89.82 0.83 0.00	86.70 0.67 0.00	76.69 0.83 1.08	71.63 0.39 -4.57	61.88 0.49 2.01	52.37 0.31 0.00
NPX_GEN_1385_PROXY 323591	32.52 0.22 0.00	30.56 0.51 0.00	28.11 0.39 0.00	27.41 0.27 0.00	29.64 0.15 0.00	28.42 0.10 0.00	29.50 0.15 0.00	27.85 0.06 0.00	29.05 -0.02 0.00	29.19 0.12 0.00	31.58 0.25 0.00	17.95 -0.29 17.31	20.23 -0.53 18.19	42.64 -1.30 -0.09	34.36 -1.71 13.84	27.34 -1.49 26.19	47.68 -0.44 14.96	67.01 -0.24 1.79	40.31 -1.68 47.00	39.55 -0.87 45.61	28.01 -0.94 48.00	27.27 -1.36 38.04	31.33 -2.13 29.94	49.56 -1.15 1.35
NPX_GEN_CSC 323557	32.65 0.35 0.00	30.43 0.38 0.00	27.96 0.24 0.00	27.24 0.10 0.00	29.44 -0.05 0.00	28.24 -0.08 0.00	29.32 -0.03 0.00	27.73 -0.06 0.00	29.05 -0.01 0.00	29.21 0.13 0.00	31.84 0.51 0.00	36.02 0.30 -0.17	39.62 0.13 -0.54	44.36 -0.37 -0.87	35.74 -0.57 13.60	28.96 -0.31 25.75	48.81 0.45 14.72	67.35 0.07 1.76	41.52 -1.22 46.25	39.85 -1.30 44.87	28.10 -1.62 47.23	28.29 -0.95 37.43	32.91 -1.03 29.46	49.82 -0.92 1.33
NSINS_S_GLNS_FALLS 23858	33.87 1.58 0.00	31.50 1.45 0.00	29.10 1.37 0.00	28.46 1.32 0.00	30.93 1.44 0.00	29.67 1.36 0.00	30.76 1.41 0.00	29.00 1.21 0.00	30.04 0.98 0.00	29.90 0.82 0.00	31.92 0.60 0.00	35.99 0.61 0.17	39.06 0.64 0.53	43.56 0.56 0.85	49.81 0.97 1.07	55.15 1.41 1.28	63.39 2.38 2.08	72.17 3.14 0.00	94.41 5.41 0.00	91.15 5.11 0.00	81.59 4.65 0.00	70.09 3.42 0.00	65.87 2.46 0.00	54.02 2.05 0.10
NUCOR_STEEL___DRP 24197	32.67 0.37 0.00	30.19 0.14 0.00	27.68 -0.04 0.00	27.03 -0.11 0.00	29.37 -0.12 0.00	28.32 0.01 0.00	29.45 0.10 0.00	27.91 0.12 0.00	29.20 0.14 0.00	29.07 -0.01 0.00	31.44 0.11 0.00	35.78 0.23 0.00	39.32 0.37 0.00	44.74 0.89 0.00	51.00 1.09 0.00	56.32 1.31 0.00	64.64 1.56 0.00	71.05 2.02 0.00	92.09 2.55 -0.55	88.60 2.42 -0.15	79.43 2.35 -0.14	68.78 1.91 -0.20	65.45 1.72 -0.33	53.16 1.10 0.00
NUMBER_THREE_WT_PWR 323818	33.26 0.96 0.00	30.55 0.49 0.00	27.86 0.14 0.00	27.34 0.20 0.00	29.89 0.40 0.00	28.87 0.56 0.00	30.15 0.80 0.00	28.60 0.81 0.00	29.93 0.86 0.00	30.01 0.93 0.00	32.37 1.04 0.00	36.49 0.94 0.00	39.96 1.01 0.00	45.12 1.27 0.00	51.56 1.65 0.00	56.82 1.80 0.00	65.33 2.25 0.00	71.89 2.85 0.00	94.15 4.92 -0.23	92.26 6.17 -0.06	92.81 6.06 -9.81	91.12 5.19 -19.26	70.19 4.61 -2.18	55.44 3.37 0.00
NYISO_LBMP_REFERENCE 24008	32.30 0.00 0.00	30.06 0.00 0.00	27.72 0.00 0.00	27.14 0.00 0.00	29.49 0.00 0.00	28.32 0.00 0.00	29.35 0.00 0.00	27.79 0.00 0.00	29.06 0.00 0.00	29.08 0.00 0.00	31.33 0.00 0.00	35.55 0.00 0.00	38.95 0.00 0.00	43.85 0.00 0.00	49.91 0.00 0.00	55.02 0.00 0.00	63.08 0.00 0.00	69.03 0.00 0.00	89.00 0.00 0.00	86.03 0.00 0.00	76.94 0.00 0.00	66.67 0.00 0.00	63.40 0.00 0.00	52.07 0.00 0.00
NYPA_BRENTWD____GT 24164	33.11 0.81 0.00	30.91 0.85 0.00	28.41 0.69 0.00	27.70 0.56 0.00	29.94 0.45 0.00	28.71 0.39 0.00	29.81 0.45 0.00	28.18 0.39 0.00	29.49 0.43 0.00	29.65 0.58 0.00	32.32 0.99 0.00	36.61 0.89 -0.17	40.30 0.81 -0.54	45.06 0.34 -0.87	36.65 0.04 13.30	29.97 0.16 25.20	51.88 0.55 11.75	67.77 0.47 1.73	43.23 -0.44 45.33	41.52 -0.55 43.97	29.86 -0.81 46.28	29.24 -0.76 36.67	33.67 -0.86 28.87	50.59 -0.18 1.30

NYPA_GOWANUS____GT5 24156	33.30 1.00 0.00	30.94 0.89 0.00	28.46 0.74 0.00	27.80 0.66 0.00	30.01 0.53 0.00	28.85 0.53 0.00	29.92 0.57 0.00	28.43 0.64 0.00	29.71 0.65 0.00	29.81 0.73 0.00	32.16 0.83 0.00	36.64 0.92 -0.17	40.43 0.94 -0.54	45.57 0.85 -0.87	51.82 0.80 -1.11	57.19 0.86 -1.32	66.09 0.86 -2.14	69.75 0.71 0.00	89.34 0.34 0.00	86.17 0.14 0.00	76.76 -0.18 0.00	66.64 -0.03 0.00	63.41 0.01 0.00	52.78 0.61 -0.11
NYPA_GOWANUS____GT6 24157	33.30 1.00 0.00	30.94 0.89 0.00	28.46 0.74 0.00	27.80 0.66 0.00	30.01 0.53 0.00	28.85 0.53 0.00	29.92 0.57 0.00	28.43 0.64 0.00	29.71 0.65 0.00	29.81 0.73 0.00	32.16 0.83 0.00	36.64 0.92 -0.17	40.43 0.94 -0.54	45.57 0.85 -0.87	51.82 0.80 -1.11	57.19 0.86 -1.32	66.09 0.86 -2.14	69.75 0.71 0.00	89.34 0.34 0.00	86.17 0.14 0.00	76.76 -0.18 0.00	66.64 -0.03 0.00	63.41 0.01 0.00	52.78 0.61 -0.11
NYPA_HARLEM__RVR__GT1 24160	33.24 0.94 0.00	30.97 0.91 0.00	28.47 0.75 0.00	27.79 0.65 0.00	30.04 0.55 0.00	28.86 0.54 0.00	29.93 0.58 0.00	28.45 0.66 0.00	29.70 0.64 0.00	29.79 0.71 0.00	32.12 0.79 0.00	36.58 0.86 -0.17	40.35 0.86 -0.54	45.45 0.73 -0.87	51.70 0.68 -1.11	57.13 0.80 -1.32	65.89 0.67 -2.14	69.61 0.58 0.00	89.14 0.14 0.00	85.94 -0.09 0.00	76.54 -0.40 0.00	66.36 -0.31 0.00	63.27 -0.13 0.00	52.71 0.53 -0.11
NYPA_HARLEM__RVR__GT2 24161	33.24 0.94 0.00	30.97 0.91 0.00	28.47 0.75 0.00	27.79 0.65 0.00	30.04 0.55 0.00	28.86 0.54 0.00	29.93 0.58 0.00	28.45 0.66 0.00	29.70 0.64 0.00	29.79 0.71 0.00	32.12 0.79 0.00	36.58 0.86 -0.17	40.35 0.86 -0.54	45.45 0.73 -0.87	51.70 0.68 -1.11	57.13 0.80 -1.32	65.89 0.67 -2.14	69.61 0.58 0.00	89.14 0.14 0.00	85.94 -0.09 0.00	76.54 -0.40 0.00	66.36 -0.31 0.00	63.27 -0.13 0.00	52.71 0.53 -0.11
NYPA_KENT____GT 24152	33.25 0.95 0.00	30.93 0.87 0.00	28.47 0.75 0.00	27.80 0.66 0.00	30.04 0.55 0.00	28.86 0.55 0.00	29.94 0.59 0.00	28.45 0.65 0.00	29.73 0.66 0.00	29.83 0.75 0.00	32.17 0.84 0.00	36.64 0.92 -0.17	40.43 0.94 -0.54	45.57 0.84 -0.87	51.82 0.81 -1.11	57.20 0.87 -1.32	66.09 0.86 -2.14	69.77 0.73 0.00	89.34 0.35 0.00	86.14 0.11 0.00	76.75 -0.20 0.00	66.56 -0.10 0.00	63.34 -0.06 0.00	52.72 0.54 -0.11
NYPA_POUCH1____GT 24155	33.29 0.99 0.00	30.85 0.79 0.00	28.35 0.63 0.00	27.69 0.55 0.00	29.88 0.39 0.00	28.72 0.40 0.00	29.80 0.45 0.00	28.30 0.51 0.00	29.57 0.51 0.00	29.64 0.57 0.00	31.99 0.67 0.00	36.48 0.76 -0.17	40.25 0.75 -0.54	45.36 0.63 -0.87	51.55 0.54 -1.10	56.88 0.55 -1.31	65.78 0.56 -2.14	69.48 0.45 0.00	89.00 0.01 0.00	85.89 -0.14 0.00	76.54 -0.41 0.00	66.43 -0.24 0.00	63.19 -0.22 0.00	52.62 0.44 -0.11
NYPA_VERNON____GT2 24162	33.21 0.91 0.00	30.92 0.86 0.00	28.48 0.75 0.00	27.81 0.67 0.00	30.05 0.57 0.00	28.88 0.56 0.00	29.95 0.60 0.00	28.47 0.68 0.00	29.75 0.69 0.00	29.84 0.77 0.00	32.19 0.86 0.00	36.64 0.92 -0.17	40.42 0.92 -0.54	45.57 0.84 -0.87	51.82 0.81 -1.11	57.21 0.88 -1.32	66.09 0.86 -2.14	69.79 0.76 0.00	89.34 0.34 0.00	86.11 0.08 0.00	76.70 -0.25 0.00	66.49 -0.17 0.00	63.26 -0.14 0.00	52.66 0.48 -0.11
NYPA_VERNON____GT3 24163	33.21 0.91 0.00	30.92 0.86 0.00	28.48 0.75 0.00	27.81 0.67 0.00	30.05 0.57 0.00	28.88 0.56 0.00	29.95 0.60 0.00	28.47 0.68 0.00	29.75 0.69 0.00	29.84 0.77 0.00	32.19 0.86 0.00	36.64 0.92 -0.17	40.42 0.92 -0.54	45.57 0.84 -0.87	51.82 0.81 -1.11	57.21 0.88 -1.32	66.09 0.86 -2.14	69.79 0.76 0.00	89.34 0.34 0.00	86.11 0.08 0.00	76.70 -0.25 0.00	66.49 -0.17 0.00	63.26 -0.14 0.00	52.66 0.48 -0.11
NYPA____ASTORIA_CC1 323568	33.18 0.88 0.00	30.90 0.85 0.00	28.46 0.74 0.00	27.79 0.65 0.00	30.04 0.55 0.00	28.86 0.55 0.00	29.94 0.59 0.00	28.46 0.66 0.00	29.74 0.68 0.00	29.83 0.76 0.00	32.17 0.84 0.00	36.61 0.89 -0.17	40.38 0.89 -0.54	45.52 0.80 -0.87	51.78 0.76 -1.11	57.14 0.81 -1.32	65.99 0.77 -2.14	69.68 0.64 0.00	89.20 0.20 0.00	85.98 -0.06 0.00	76.59 -0.36 0.00	66.39 -0.28 0.00	63.17 -0.23 0.00	52.61 0.43 -0.11
NYPA____ASTORIA_CC2 323569	33.18 0.88 0.00	30.90 0.85 0.00	28.46 0.74 0.00	27.79 0.65 0.00	30.04 0.55 0.00	28.86 0.55 0.00	29.94 0.59 0.00	28.46 0.66 0.00	29.74 0.68 0.00	29.83 0.76 0.00	32.17 0.84 0.00	36.61 0.89 -0.17	40.38 0.89 -0.54	45.52 0.80 -0.87	51.78 0.76 -1.11	57.14 0.81 -1.32	65.99 0.77 -2.14	69.68 0.64 0.00	89.20 0.20 0.00	85.98 -0.06 0.00	76.59 -0.36 0.00	66.39 -0.28 0.00	63.17 -0.23 0.00	52.61 0.43 -0.11
NYPA____HOLTSVILL 23794	32.86 0.57 0.00	30.67 0.61 0.00	28.19 0.47 0.00	27.48 0.34 0.00	29.70 0.21 0.00	28.49 0.17 0.00	29.57 0.22 0.00	27.96 0.17 0.00	29.28 0.22 0.00	29.44 0.36 0.00	32.09 0.76 0.00	36.29 0.57 -0.17	39.89 0.40 -0.54	44.61 -0.11 -0.87	35.92 -0.37 13.62	29.01 -0.22 25.78	51.16 0.14 12.06	67.20 -0.07 1.76	41.43 -1.25 46.32	39.85 -1.25 44.94	28.16 -1.49 47.29	27.99 -1.20 37.48	32.64 -1.26 29.51	50.05 -0.69 1.33
NYPA____HELLGATE_GT1 24158	33.24 0.94 0.00	30.97 0.91 0.00	28.47 0.75 0.00	27.79 0.65 0.00	30.04 0.55 0.00	28.86 0.54 0.00	29.93 0.58 0.00	28.45 0.66 0.00	29.70 0.64 0.00	29.79 0.71 0.00	32.12 0.79 0.00	36.58 0.86 -0.17	40.35 0.86 -0.54	45.45 0.73 -0.87	51.70 0.68 -1.11	57.13 0.80 -1.32	65.89 0.67 -2.14	69.61 0.58 0.00	89.14 0.14 0.00	85.94 -0.09 0.00	76.54 -0.40 0.00	66.36 -0.31 0.00	63.25 -0.15 0.00	52.71 0.53 -0.11
NYPA____HELLGATE_GT2 24159	33.24 0.94 0.00	30.97 0.91 0.00	28.47 0.75 0.00	27.79 0.65 0.00	30.04 0.55 0.00	28.86 0.54 0.00	29.93 0.58 0.00	28.45 0.66 0.00	29.70 0.64 0.00	29.79 0.71 0.00	32.12 0.79 0.00	36.58 0.86 -0.17	40.35 0.86 -0.54	45.45 0.73 -0.87	51.70 0.68 -1.11	57.13 0.80 -1.32	65.89 0.67 -2.14	69.61 0.58 0.00	89.14 0.14 0.00	85.94 -0.09 0.00	76.54 -0.40 0.00	66.36 -0.31 0.00	63.25 -0.15 0.00	52.71 0.53 -0.11
NYS_BARGE____HYD 23848	33.03 0.73 0.00	30.59 0.54 0.00	27.53 -0.20 0.00	26.63 -0.50 0.00	28.90 -0.59 0.00	27.77 -0.55 0.00	29.20 -0.15 0.00	27.89 0.10 0.00	29.88 0.82 0.00	30.22 1.15 0.00	32.99 1.66 0.00	37.73 2.19 0.00	41.66 2.71 0.00	47.93 4.07 -0.01	54.30 4.39 0.00	59.58 4.56 0.00	67.43 4.35 0.00	73.94 4.91 0.00	93.99 5.00 0.00	91.53 5.49 0.00	81.88 4.93 0.00	71.23 4.56 0.00	68.35 4.95 0.00	55.29 3.22 0.00
OAK ORCHARD____HYD 24046	33.06 0.77 0.00	30.63 0.57 0.00	27.82 0.10 0.00	27.03 -0.11 0.00	29.31 -0.18 0.00	28.16 -0.16 0.00	29.43 0.08 0.00	28.00 0.21 0.00	29.71 0.65 0.00	29.99 0.91 0.00	32.68 1.35 0.00	37.42 1.87 0.00	41.33 2.38 0.00	47.20 3.32 -0.02	53.65 3.74 0.00	59.04 4.02 0.00	67.24 4.16 0.00	73.78 4.75 0.00	94.39 5.40 0.00	91.63 5.60 0.00	81.69 4.74 0.00	70.79 4.12 0.00	67.47 4.07 0.00	54.76 2.70 0.00

OAKDALE___35_KV_LOAD 356122	32.35 0.05 0.00	30.06 0.00 0.00	27.60 -0.12 0.00	27.00 -0.14 0.00	29.36 -0.13 0.00	28.21 -0.10 0.00	29.32 -0.03 0.00	27.71 -0.08 0.00	29.06 0.00 0.00	29.04 -0.04 0.00	31.47 0.14 0.00	35.83 0.28 0.00	39.25 0.30 0.00	44.45 0.60 0.00	50.74 0.84 0.00	56.04 1.02 0.00	64.22 1.14 0.00	70.42 1.39 0.00	90.50 1.26 -0.24	87.60 1.50 -0.06	78.22 1.22 -0.06	67.81 1.05 -0.09	64.42 0.87 -0.14	52.57 0.51 0.00
OCC_CHEM___DRP 24175	32.50 0.20 0.00	30.15 0.09 0.00	27.12 -0.60 0.00	26.25 -0.90 0.00	28.47 -1.03 0.00	27.34 -0.98 0.00	28.76 -0.59 0.00	27.47 -0.32 0.00	29.50 0.44 0.00	29.89 0.81 0.00	32.65 1.32 0.00	37.18 1.64 0.00	41.06 2.10 0.00	47.18 3.33 -0.01	53.40 3.50 0.00	58.49 3.48 0.00	66.12 3.04 0.00	72.45 3.42 0.00	91.95 2.96 0.00	89.37 3.34 0.00	79.97 3.02 0.00	69.63 2.96 0.00	67.18 3.78 0.00	54.52 2.45 0.00
OH_GEN_PROXY 24063	32.56 0.27 0.00	30.20 0.14 0.00	27.24 -0.48 0.00	26.39 -0.75 0.00	28.61 -0.88 0.00	27.47 -0.85 0.00	28.88 -0.47 0.00	27.56 -0.23 0.00	29.54 0.48 0.00	29.91 0.83 0.00	32.68 1.35 0.00	37.41 1.87 0.00	41.29 2.34 0.00	47.35 3.50 -0.01	53.64 3.73 0.00	58.81 3.80 0.00	63.87 3.48 2.69	72.93 3.89 0.00	92.67 3.68 0.00	90.09 4.06 0.00	80.46 3.51 0.00	70.04 3.37 0.00	67.25 3.84 0.00	54.48 2.41 0.00
OLIN_CORP_DRP 24177	32.62 0.32 0.00	30.24 0.18 0.00	27.20 -0.52 0.00	26.33 -0.81 0.00	28.58 -0.91 0.00	27.46 -0.86 0.00	28.89 -0.46 0.00	27.60 -0.20 0.00	29.59 0.53 0.00	29.96 0.88 0.00	32.71 1.39 0.00	37.41 1.87 0.00	41.35 2.40 0.00	47.52 3.66 -0.01	53.82 3.91 0.00	58.98 3.97 0.00	66.69 3.61 0.00	73.12 4.09 0.00	92.79 3.80 0.00	90.28 4.25 0.00	80.80 3.86 0.00	70.34 3.67 0.00	67.59 4.19 0.00	54.73 2.66 0.00
OLIN_CORP_DSASP 323712	32.50 0.20 0.00	30.15 0.09 0.00	27.12 -0.60 0.00	26.24 -0.90 0.00	28.47 -1.03 0.00	27.34 -0.98 0.00	28.76 -0.59 0.00	27.48 -0.32 0.00	29.50 0.44 0.00	29.89 0.81 0.00	32.65 1.32 0.00	37.18 1.63 0.00	41.06 2.10 0.00	47.21 3.35 -0.01	53.42 3.51 0.00	58.51 3.49 0.00	66.12 3.04 0.00	72.46 3.43 0.00	91.96 2.96 0.00	89.39 3.36 0.00	79.99 3.05 0.00	69.66 2.99 0.00	67.20 3.80 0.00	54.52 2.45 0.00
ONEIDA_HERK_LFGE 323681	33.19 0.89 0.00	30.68 0.62 0.00	28.13 0.40 0.00	27.55 0.41 0.00	30.02 0.53 0.00	28.89 0.58 0.00	30.05 0.69 0.00	28.46 0.66 0.00	29.72 0.66 0.00	29.72 0.65 0.00	32.06 0.73 0.00	36.30 0.76 0.00	39.78 0.83 0.00	44.88 1.03 0.00	51.25 1.34 0.00	56.56 1.54 0.00	65.08 2.00 0.00	71.56 2.52 0.00	93.07 3.94 -0.13	90.60 4.53 -0.03	85.65 4.21 -0.49	79.05 3.56 -0.82	67.53 3.12 -1.01	54.34 2.27 0.00
ONEIDA___115KV_TB4 55905	33.19 0.89 0.00	30.77 0.72 0.00	28.27 0.55 0.00	27.65 0.51 0.00	30.07 0.58 0.00	28.90 0.58 0.00	30.01 0.66 0.00	28.36 0.57 0.00	29.57 0.51 0.00	29.48 0.41 0.00	31.83 0.51 0.00	36.16 0.61 0.00	39.69 0.74 0.00	44.82 0.97 0.00	51.21 1.30 0.00	56.59 1.57 0.00	65.13 2.05 0.00	71.64 2.60 0.00	93.01 3.82 -0.18	90.30 4.22 -0.05	82.62 3.75 -0.93	73.51 3.07 -0.37	66.52 2.62 -0.50	53.91 1.85 0.00
ONONDAGA_REF_OCCRA 23987	32.24 -0.05 0.00	29.92 -0.14 0.00	27.47 -0.25 0.00	26.84 -0.30 0.00	29.19 -0.30 0.00	28.06 -0.25 0.00	29.13 -0.22 0.00	27.58 -0.21 0.00	28.87 -0.19 0.00	28.87 -0.20 0.00	31.25 -0.08 0.00	35.54 -0.01 0.00	39.05 0.10 0.00	44.20 0.35 0.00	50.43 0.52 0.00	55.67 0.66 0.00	63.90 0.82 0.00	70.14 1.11 0.00	90.78 1.38 -0.41	87.68 1.54 -0.11	78.62 1.23 -0.45	68.06 0.94 -0.45	64.51 0.70 -0.42	52.41 0.34 0.00
ONONDAGA___COGEN 23986	32.25 -0.05 0.00	29.91 -0.15 0.00	27.47 -0.26 0.00	26.84 -0.30 0.00	29.17 -0.32 0.00	28.04 -0.28 0.00	29.12 -0.24 0.00	27.57 -0.22 0.00	28.86 -0.20 0.00	28.87 -0.21 0.00	31.24 -0.09 0.00	35.54 -0.01 0.00	39.05 0.10 0.00	44.22 0.37 0.00	50.44 0.53 0.00	55.67 0.65 0.00	63.87 0.79 0.00	70.10 1.07 0.00	90.89 1.28 -0.62	87.59 1.39 -0.16	78.57 1.14 -0.49	68.03 0.85 -0.52	64.60 0.66 -0.53	52.40 0.33 0.00
ONTARIO___LFGE 23819	32.95 0.65 0.00	30.52 0.47 0.00	27.84 0.12 0.00	27.14 0.00 0.00	29.47 -0.02 0.00	28.35 0.03 0.00	29.57 0.21 0.00	28.02 0.23 0.00	29.46 0.40 0.00	29.50 0.43 0.00	32.01 0.69 0.00	36.54 0.99 0.00	40.22 1.27 0.00	45.75 1.92 0.01	52.21 2.30 0.00	57.49 2.47 0.00	65.91 2.83 0.00	72.60 3.57 0.00	93.29 4.07 -0.22	90.59 4.50 -0.06	81.26 4.26 -0.06	70.25 3.50 -0.08	66.63 3.10 -0.13	54.04 1.98 0.00
ORANGEVILLE_WT_PWR 323706	32.50 0.20 0.00	30.10 0.04 0.00	27.20 -0.52 0.00	26.44 -0.70 0.00	28.68 -0.81 0.00	27.62 -0.70 0.00	29.00 -0.35 0.00	27.59 -0.20 0.00	29.40 0.34 0.00	29.64 0.57 0.00	32.37 1.04 0.00	37.05 1.51 0.00	40.83 1.88 0.00	46.76 2.90 -0.01	53.18 3.28 0.00	58.49 3.47 0.00	66.58 3.50 0.00	73.10 4.06 0.00	93.18 4.18 0.00	91.04 5.01 0.00	81.46 4.52 0.00	70.67 4.00 0.00	67.46 4.06 0.00	54.62 2.56 0.00
ORANGEVILLE___ESR 323794	32.50 0.20 0.00	30.10 0.04 0.00	27.20 -0.52 0.00	26.44 -0.70 0.00	28.68 -0.81 0.00	27.62 -0.70 0.00	29.00 -0.35 0.00	27.59 -0.20 0.00	29.40 0.34 0.00	29.64 0.57 0.00	32.37 1.04 0.00	37.05 1.51 0.00	40.83 1.88 0.00	46.76 2.90 -0.01	53.18 3.28 0.00	58.49 3.47 0.00	66.58 3.50 0.00	73.10 4.06 0.00	93.18 4.18 0.00	91.04 5.01 0.00	81.46 4.52 0.00	70.67 4.00 0.00	67.46 4.06 0.00	54.62 2.56 0.00
OSWEGATCHIE___HYD 24044	33.40 1.10 0.00	30.88 0.82 0.00	28.31 0.59 0.00	27.75 0.61 0.00	30.21 0.72 0.00	29.11 0.79 0.00	30.31 0.95 0.00	28.73 0.94 0.00	30.09 1.03 0.00	30.19 1.12 0.00	32.40 1.08 0.00	36.66 1.12 0.00	40.13 1.18 0.00	45.19 1.34 0.00	51.44 1.53 0.00	56.51 1.49 0.00	64.75 1.67 0.00	71.13 2.10 0.00	92.69 3.50 -0.19	90.48 4.40 -0.05	104.25 4.71 -0.22	115.17 4.08 -0.44	72.06 3.82 -0.84	54.88 2.82 0.00
OSWEGO___5 23606	31.65 -0.64 0.00	29.40 -0.65 0.00	27.03 -0.69 0.00	26.42 -0.72 0.00	28.72 -0.77 0.00	27.59 -0.73 0.00	28.64 -0.71 0.00	27.12 -0.66 0.00	28.40 -0.66 0.00	28.43 -0.64 0.00	30.73 -0.60 0.00	34.92 -0.62 0.00	38.34 -0.62 0.00	43.33 -0.53 0.00	49.36 -0.55 0.00	54.43 -0.59 0.00	62.38 -0.70 0.00	68.38 -0.66 0.00	90.65 -0.96 -0.26	85.94 -0.79 -0.69	76.84 -0.76 -0.65	66.92 -0.71 -0.95	64.21 -0.73 -1.54	51.33 -0.74 0.00
OSWEGO___6 23613	31.65 -0.64 0.00	29.40 -0.65 0.00	27.03 -0.69 0.00	26.42 -0.72 0.00	28.72 -0.77 0.00	27.59 -0.73 0.00	28.64 -0.71 0.00	27.12 -0.66 0.00	28.40 -0.66 0.00	28.43 -0.64 0.00	30.73 -0.60 0.00	34.92 -0.62 0.00	38.34 -0.62 0.00	43.33 -0.53 0.00	49.36 -0.55 0.00	54.43 -0.59 0.00	62.38 -0.70 0.00	68.38 -0.66 0.00	90.65 -0.96 -0.26	85.94 -0.79 -0.69	76.84 -0.76 -0.65	66.92 -0.71 -0.95	64.21 -0.73 -1.54	51.33 -0.74 0.00

OUTOKUMPU-AB___DRP 24206	33.26 0.96 0.00	30.79 0.74 0.00	27.70 -0.02 0.00	26.81 -0.33 0.00	29.07 -0.42 0.00	27.94 -0.38 0.00	29.38 0.03 0.00	28.05 0.26 0.00	30.10 1.04 0.00	30.50 1.43 0.00	33.37 2.04 0.00	38.16 2.62 0.00	42.16 3.21 0.00	48.49 4.64 -0.01	55.01 5.10 0.00	60.37 5.35 0.00	68.37 5.29 0.00	75.01 5.98 0.00	95.29 6.29 0.00	92.66 6.63 0.00	82.73 5.79 0.00	71.93 5.27 0.00	69.03 5.63 0.00	55.86 3.79 0.00
OXBOW___BTM 323836	32.90 0.61 0.00	30.48 0.43 0.00	27.42 -0.30 0.00	26.53 -0.61 0.00	28.77 -0.72 0.00	27.65 -0.67 0.00	29.08 -0.27 0.00	27.76 -0.03 0.00	29.81 0.75 0.00	30.21 1.14 0.00	33.04 1.71 0.00	37.72 2.17 0.00	41.67 2.72 0.00	47.93 4.07 -0.01	54.33 4.42 0.00	59.56 4.55 0.00	67.39 4.31 0.00	73.89 4.86 0.00	93.84 4.84 0.00	91.22 5.18 0.00	81.52 4.58 0.00	70.90 4.24 0.00	68.22 4.82 0.00	55.24 3.18 0.00
OXBOW___ 24026	32.90 0.61 0.00	30.49 0.43 0.00	27.42 -0.30 0.00	26.53 -0.61 0.00	28.77 -0.72 0.00	27.65 -0.67 0.00	29.08 -0.27 0.00	27.76 -0.03 0.00	29.81 0.75 0.00	30.21 1.14 0.00	33.04 1.71 0.00	37.71 2.17 0.00	41.67 2.72 0.00	47.91 4.06 -0.01	54.32 4.41 0.00	59.55 4.53 0.00	67.39 4.31 0.00	73.89 4.85 0.00	93.84 4.84 0.00	91.21 5.18 0.00	81.51 4.56 0.00	70.89 4.22 0.00	68.20 4.80 0.00	55.25 3.18 0.00
OXY_CHEM_DSASP 323612	32.50 0.20 0.00	30.15 0.09 0.00	27.12 -0.60 0.00	26.25 -0.90 0.00	28.47 -1.03 0.00	27.34 -0.98 0.00	28.76 -0.59 0.00	27.47 -0.32 0.00	29.50 0.44 0.00	29.89 0.81 0.00	32.65 1.32 0.00	37.18 1.64 0.00	41.06 2.10 0.00	47.18 3.33 -0.01	53.40 3.50 0.00	58.49 3.48 0.00	66.12 3.04 0.00	72.45 3.42 0.00	91.95 2.96 0.00	89.37 3.34 0.00	79.97 3.02 0.00	69.63 2.96 0.00	67.18 3.78 0.00	54.52 2.45 0.00
OZONE_PARK_ESR 323760	33.48 1.18 0.00	31.13 1.08 0.00	28.70 0.97 0.00	28.03 0.89 0.00	30.30 0.81 0.00	29.12 0.80 0.00	30.19 0.84 0.00	28.67 0.88 0.00	29.98 0.92 0.00	30.07 1.00 0.00	32.49 1.16 0.00	36.97 1.25 -0.17	40.79 1.29 -0.54	46.02 1.30 -0.87	52.39 1.37 -1.11	57.88 1.54 -1.32	66.99 1.77 -2.14	70.69 1.66 0.00	90.52 1.52 0.00	87.22 1.19 0.00	77.70 0.75 0.00	67.35 0.68 0.00	64.02 0.61 0.00	53.18 1.00 -0.11
PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	32.50 0.20 0.00	30.15 0.09 0.00	27.12 -0.60 0.00	26.25 -0.90 0.00	28.47 -1.03 0.00	27.34 -0.98 0.00	28.76 -0.59 0.00	27.47 -0.32 0.00	29.50 0.44 0.00	29.89 0.81 0.00	32.65 1.32 0.00	37.18 1.64 0.00	41.06 2.10 0.00	47.18 3.33 -0.01	53.40 3.50 0.00	58.49 3.48 0.00	66.12 3.04 0.00	72.45 3.42 0.00	91.95 2.96 0.00	89.37 3.34 0.00	79.97 3.02 0.00	69.63 2.96 0.00	67.18 3.78 0.00	54.52 2.45 0.00
PACKARD___115KV_DUPONT_184 80571	32.50 0.20 0.00	30.15 0.09 0.00	27.12 -0.60 0.00	26.25 -0.90 0.00	28.47 -1.03 0.00	27.34 -0.98 0.00	28.76 -0.59 0.00	27.47 -0.32 0.00	29.50 0.44 0.00	29.89 0.81 0.00	32.65 1.32 0.00	37.18 1.64 0.00	41.06 2.10 0.00	47.18 3.33 -0.01	53.40 3.50 0.00	58.49 3.48 0.00	66.12 3.04 0.00	72.45 3.42 0.00	91.95 2.96 0.00	89.37 3.34 0.00	79.97 3.02 0.00	69.63 2.96 0.00	67.18 3.78 0.00	54.52 2.45 0.00
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	33.17 0.87 0.00	30.90 0.84 0.00	28.43 0.71 0.00	27.76 0.62 0.00	30.01 0.52 0.00	28.83 0.51 0.00	29.90 0.55 0.00	28.42 0.63 0.00	29.69 0.63 0.00	29.77 0.69 0.00	32.13 0.80 0.00	36.58 0.86 -0.17	40.36 0.87 -0.54	45.49 0.77 -0.87	51.72 0.71 -1.11	57.17 0.84 -1.32	66.04 0.82 -2.14	69.84 0.81 0.00	89.43 0.43 0.00	86.25 0.21 0.00	76.83 -0.11 0.00	66.60 -0.06 0.00	63.40 0.00 0.00	52.71 0.53 -0.11
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	34.02 1.72 0.00	31.70 1.64 0.00	29.19 1.47 0.00	28.44 1.30 0.00	30.75 1.26 0.00	29.61 1.29 0.00	30.75 1.39 0.00	29.19 1.40 0.00	30.51 1.45 0.00	30.56 1.49 0.00	32.96 1.63 0.00	37.56 1.84 -0.17	41.41 1.92 -0.54	46.73 2.01 -0.87	53.17 2.15 -1.11	58.76 2.42 -1.32	67.87 2.65 -2.14	71.85 2.82 0.00	91.97 2.97 0.00	88.67 2.65 0.00	79.00 2.06 0.00	68.44 1.78 0.00	65.20 1.80 0.00	54.14 1.96 -0.11
PATROON___115KV_TB1 80586	32.43 0.13 0.00	30.27 0.22 0.00	28.04 0.32 0.00	27.47 0.33 0.00	29.85 0.36 0.00	28.65 0.33 0.00	29.64 0.29 0.00	28.03 0.23 0.00	29.15 0.09 0.00	29.03 -0.04 0.00	31.19 -0.14 0.00	34.99 -0.40 0.15	37.92 -0.55 0.48	42.24 -0.83 0.77	48.48 -0.45 0.98	53.93 0.08 1.16	61.56 0.37 1.90	69.44 0.41 0.00	90.06 1.06 0.00	87.12 1.08 0.00	77.83 0.88 0.00	67.31 0.64 0.00	63.87 0.47 0.00	52.50 0.52 0.09
PATTRSNVILLE___SOLAR 323815	33.09 0.79 0.00	30.79 0.73 0.00	28.43 0.71 0.00	27.80 0.66 0.00	30.23 0.74 0.00	29.03 0.71 0.00	30.06 0.71 0.00	28.31 0.52 0.00	29.30 0.24 0.00	29.12 0.04 0.00	31.28 -0.05 0.13	35.30 -0.11 0.40	38.40 -0.15 0.64	43.03 -0.18 0.81	48.96 -0.14 0.96	53.95 -0.11 1.57	61.70 0.19 0.00	69.57 0.53 0.00	90.52 1.52 0.00	88.03 2.00 0.00	78.89 1.94 0.00	68.26 1.60 0.00	64.77 1.37 0.00	53.11 1.12 0.07
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	33.02 0.72 0.00	30.54 0.48 0.00	27.57 -0.15 0.00	26.75 -0.39 0.00	28.98 -0.51 0.00	27.85 -0.47 0.00	29.28 -0.07 0.00	27.91 0.12 0.00	29.89 0.83 0.00	30.26 1.18 0.00	33.13 1.80 0.00	38.04 2.50 0.00	41.97 3.03 -0.01	48.14 4.28 0.00	54.72 4.81 0.00	60.15 5.14 0.00	68.21 5.13 0.00	74.83 5.80 0.00	95.17 6.18 0.00	92.55 6.52 0.00	82.54 5.59 0.00	71.66 4.99 0.00	68.46 5.06 0.00	55.41 3.34 0.00
PAWLING_115_KV_BK3_REV_LBMP_H 345028	33.25 0.96 0.00	30.94 0.88 0.00	28.53 0.80 0.00	27.88 0.74 0.00	30.19 0.71 0.00	29.01 0.69 0.00	30.07 0.71 0.00	28.52 0.73 0.00	29.80 0.74 0.00	29.85 0.77 0.00	32.25 0.93 0.00	36.69 0.99 -0.15	40.47 1.04 -0.48	45.69 1.07 -0.77	52.12 1.24 -0.97	57.67 1.50 -1.16	66.82 1.85 -1.88	70.97 1.94 0.00	90.98 1.99 0.00	87.68 1.65 0.00	78.06 1.12 0.00	67.55 0.88 0.00	64.08 0.67 0.00	52.97 0.81 -0.10
PEEKSKILL___ 23653	32.95 0.65 0.00	30.67 0.61 0.00	28.28 0.56 0.00	27.64 0.50 0.00	29.92 0.43 0.00	28.75 0.44 0.00	29.81 0.46 0.00	28.26 0.47 0.00	29.52 0.46 0.00	29.57 0.50 0.00	31.95 0.62 0.00	36.33 0.61 -0.17	40.07 0.59 -0.53	45.21 0.51 -0.86	51.51 0.51 -1.09	56.96 0.65 -1.29	66.00 0.82 -2.10	69.71 0.67 0.00	89.30 0.31 0.00	86.11 0.08 0.00	76.77 -0.18 0.00	66.51 -0.16 0.00	63.17 -0.23 0.00	52.38 0.20 -0.11
PGE MADISON___WINDPWR 24146	34.35 2.05 0.00	31.79 1.74 0.00	29.19 1.47 0.00	28.61 1.47 0.00	31.08 1.59 0.00	29.92 1.60 0.00	31.11 1.76 0.00	29.40 1.61 0.00	30.70 1.64 0.00	30.51 1.44 0.00	32.99 1.66 0.00	37.61 2.07 0.00	41.26 2.31 0.00	46.79 2.94 0.00	53.41 3.50 0.00	59.08 4.06 0.00	68.25 5.17 0.00	75.32 6.29 0.00	97.78 8.53 -0.26	95.36 9.26 -0.07	85.22 8.21 -0.06	73.45 6.69 -0.09	69.35 5.80 -0.15	56.17 4.10 0.00

PIERCEFIELD___HYD 23852	33.44 1.14 0.00	31.09 1.03 0.00	28.63 0.90 0.00	28.08 0.94 0.00	30.43 0.94 0.00	29.24 0.92 0.00	30.38 1.03 0.00	28.80 1.00 0.00	30.17 1.11 0.00	30.35 1.28 0.00	32.44 1.12 0.00	36.83 1.28 0.00	40.33 1.39 0.00	45.28 1.43 0.00	51.36 1.45 0.00	56.22 1.20 0.00	64.23 1.14 0.00	70.34 1.30 0.00	90.95 1.86 -0.10	88.22 2.16 -0.03	113.15 2.88 -33.32	134.71 2.51 -65.53	73.12 2.68 -7.03	54.10 2.03 0.00
PINELAWN_CC_1 323563	33.06 0.76 0.00	30.83 0.77 0.00	28.35 0.63 0.00	27.64 0.50 0.00	29.89 0.41 0.00	28.68 0.36 0.00	29.77 0.42 0.00	28.16 0.36 0.00	29.47 0.41 0.00	29.58 0.50 0.00	32.20 0.87 0.00	36.49 0.77 -0.17	40.18 0.68 -0.54	44.95 0.22 -0.87	37.70 -0.39 11.81	32.13 -0.43 22.45	52.39 -0.38 10.31	66.80 -0.67 1.56	46.45 -1.85 40.70	44.66 -1.96 39.41	33.76 -1.70 41.49	32.43 -1.36 32.87	36.62 -0.90 25.88	50.77 -0.14 1.15
PJM_GEN_HTTP_PROXY 323702	33.11 0.81 0.00	30.81 0.75 0.00	28.41 0.69 0.00	27.76 0.62 0.00	30.03 0.54 0.00	28.86 0.54 0.00	31.08 0.57 -1.16	28.40 0.60 0.00	29.68 0.62 0.00	29.76 0.69 0.00	32.15 0.82 0.00	36.57 0.85 -0.17	40.34 0.85 -0.54	45.51 0.78 -0.87	51.79 0.77 -1.11	57.21 0.88 -1.32	66.23 1.01 -2.14	69.85 0.82 0.00	89.45 0.45 0.00	86.20 0.16 0.00	76.80 -0.14 0.00	66.55 -0.12 0.00	61.54 -0.15 1.72	52.14 0.37 0.29
PJM_GEN_KEystone 24065	32.10 0.22 0.41	30.20 0.14 0.00	27.65 -0.07 0.00	26.99 -0.15 0.00	26.66 -0.26 2.57	28.08 -0.24 0.00	33.64 -0.05 -4.34	27.79 -0.01 0.00	29.29 0.23 0.00	29.45 0.37 0.00	31.98 0.66 0.00	36.51 0.87 -0.09	40.15 0.92 -0.29	45.53 1.22 -0.46	51.84 1.35 -0.59	57.22 1.51 -0.69	65.68 1.47 -1.13	70.46 1.43 0.00	89.71 0.71 0.00	86.83 0.79 0.00	77.49 0.54 0.00	67.23 0.56 0.00	62.28 0.59 1.72	52.17 0.44 0.34
PJM_GEN_NEPTUNE_PROXY 323594	32.78 0.48 0.00	30.56 0.51 0.00	28.14 0.42 0.00	27.46 0.32 0.00	29.71 0.22 0.00	28.51 0.19 0.00	30.75 0.23 -1.16	27.99 0.20 0.00	29.29 0.23 0.00	29.43 0.36 0.00	31.98 0.65 0.00	36.27 0.55 -0.17	39.95 0.45 -0.54	44.77 0.04 -0.87	34.87 -0.23 14.82	26.86 -0.18 27.98	49.85 -0.02 13.21	66.96 -0.18 1.89	37.82 -1.14 50.03	36.10 -1.35 48.58	24.36 -1.45 51.13	24.86 -1.29 40.52	28.47 -1.32 33.61	49.75 -0.47 1.84
PJM_GEN_VFT_PROXY 323633	32.92 0.63 0.00	30.64 0.59 0.00	28.28 0.55 0.00	27.63 0.49 0.00	29.85 0.36 0.00	28.70 0.38 0.00	30.92 0.40 -1.16	28.25 0.46 0.00	29.52 0.46 0.00	29.61 0.53 0.00	31.97 0.64 0.00	36.38 0.66 -0.17	40.13 0.63 -0.54	45.25 0.53 -0.87	51.47 0.46 -1.11	56.88 0.54 -1.32	65.83 0.60 -2.14	69.37 0.34 0.00	88.77 -0.23 0.00	85.56 -0.72 0.00	76.23 -0.58 0.00	66.09 -0.58 0.00	61.10 1.72 0.29	51.83 0.05 0.00
PLATSBURG_115KV_PMLD1 355749	32.98 0.68 0.00	30.82 0.77 0.00	28.40 0.68 0.00	27.83 0.69 0.00	30.19 0.70 0.00	29.00 0.68 0.00	30.11 0.76 0.00	28.62 0.83 0.00	29.99 0.93 0.00	30.18 1.11 0.00	32.42 1.09 0.00	36.82 1.28 0.00	40.33 1.38 0.00	45.12 1.27 0.00	50.98 1.07 0.00	55.73 0.71 0.00	63.80 0.71 0.00	69.64 0.60 0.00	90.35 1.35 0.00	87.18 1.15 0.00	77.04 1.27 1.18	68.87 0.65 -1.55	62.75 0.63 1.28	52.62 0.55 0.00
PLEASANTVLY___LBMP 24000	32.75 0.45 0.00	30.51 0.45 0.00	28.17 0.45 0.00	27.56 0.42 0.00	29.86 0.38 0.00	28.69 0.38 0.00	29.72 0.37 0.00	28.18 0.38 0.00	29.39 0.33 0.00	29.40 0.32 0.00	31.71 0.38 0.00	36.07 0.32 -0.20	39.82 0.26 -0.61	44.97 0.14 -0.98	51.29 0.14 -1.25	56.72 0.22 -1.48	65.81 0.32 -2.41	69.25 0.22 0.00	88.93 -0.07 0.00	85.75 -0.28 0.00	76.47 -0.48 0.00	66.24 -0.43 0.00	62.91 -0.49 0.00	52.13 -0.07 -0.12
PLSNTVLE_13_KV_13.8KVDIST 80602	33.03 0.74 0.00	30.75 0.69 0.00	28.36 0.64 0.00	27.71 0.57 0.00	30.01 0.52 0.00	28.84 0.52 0.00	29.90 0.55 0.00	28.34 0.55 0.00	29.61 0.55 0.00	29.66 0.59 0.00	32.03 0.70 0.00	36.43 0.71 -0.18	40.19 0.69 -0.55	45.35 0.62 -0.88	51.69 0.66 -1.12	57.15 0.80 -1.33	66.21 0.97 -2.16	69.91 0.88 0.00	89.61 0.62 0.00	86.39 0.36 0.00	76.99 0.05 0.00	66.69 0.02 0.00	63.32 -0.08 0.00	52.51 0.33 -0.11
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	33.03 0.74 0.00	30.75 0.69 0.00	28.36 0.64 0.00	27.71 0.57 0.00	30.01 0.52 0.00	28.84 0.52 0.00	29.90 0.55 0.00	28.34 0.55 0.00	29.61 0.55 0.00	29.66 0.59 0.00	32.03 0.70 0.00	36.43 0.71 -0.18	40.19 0.69 -0.55	45.35 0.62 -0.88	51.69 0.66 -1.12	57.15 0.80 -1.33	66.21 0.97 -2.16	69.91 0.88 0.00	89.61 0.62 0.00	86.39 0.36 0.00	76.99 0.05 0.00	66.69 0.02 0.00	63.32 -0.08 0.00	52.51 0.33 -0.11
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	33.03 0.74 0.00	30.75 0.69 0.00	28.36 0.64 0.00	27.73 0.59 0.00	30.06 0.57 0.00	28.88 0.56 0.00	29.92 0.57 0.00	28.38 0.59 0.00	29.61 0.55 0.00	29.61 0.53 0.00	31.96 0.63 0.00	36.18 0.64 0.00	39.58 0.63 0.00	44.46 0.61 0.00	50.64 0.73 0.00	55.98 0.96 0.00	64.34 1.26 0.00	70.44 1.41 0.00	90.43 1.43 0.00	87.16 1.13 0.00	77.68 0.73 0.00	67.22 0.55 0.00	63.76 0.36 0.00	52.60 0.53 0.00
POLETTI_____ 23519	33.05 0.76 0.00	30.76 0.71 0.00	28.39 0.67 0.00	27.74 0.60 0.00	30.00 0.51 0.00	28.84 0.52 0.00	29.90 0.54 0.00	28.38 0.59 0.00	29.65 0.60 0.00	29.74 0.67 0.00	32.11 0.79 0.00	36.52 0.80 -0.17	40.27 0.77 -0.54	45.40 0.68 -0.87	51.66 0.65 -1.11	57.06 0.72 -1.32	66.05 0.83 -2.14	69.63 0.60 0.00	89.14 0.15 0.00	85.91 -0.12 0.00	76.53 -0.41 0.00	66.33 -0.34 0.00	63.06 -0.35 0.00	52.40 0.22 -0.11
POMONA___ESR 323819	32.98 0.68 0.00	30.69 0.64 0.00	28.30 0.57 0.00	27.66 0.52 0.00	29.93 0.45 0.00	28.76 0.44 0.00	29.83 0.48 0.00	28.28 0.49 0.00	29.56 0.49 0.00	29.62 0.55 0.00	32.01 0.69 0.00	36.41 0.71 -0.16	40.13 0.67 -0.51	45.29 0.62 -0.82	51.58 0.64 -1.03	57.08 0.84 -1.23	66.12 1.03 -2.00	69.93 0.89 0.00	89.53 0.54 0.00	86.33 0.30 0.00	76.92 -0.02 0.00	66.64 -0.03 0.00	63.28 -0.12 0.00	52.43 0.26 -0.10
PORT_JEFF_3 23555	32.95 0.64 0.00	30.73 0.67 0.00	28.24 0.52 0.00	27.52 0.38 0.00	29.75 0.26 0.00	28.54 0.22 0.00	29.63 0.28 0.00	28.02 0.23 0.00	29.34 0.28 0.00	29.50 0.43 0.00	32.16 0.83 0.00	36.40 0.68 -0.17	40.03 0.54 -0.54	44.79 0.06 -0.87	36.15 -0.16 13.60	29.28 0.01 25.75	51.49 0.45 12.03	67.54 0.27 1.76	41.78 -0.96 46.25	40.29 -0.87 44.87	28.56 -1.16 47.23	28.31 -0.94 37.42	32.92 -1.02 29.46	50.23 -0.51 1.33
PORT_JEFF_4 23616	32.95 0.64 0.00	30.73 0.67 0.00	28.24 0.52 0.00	27.52 0.38 0.00	29.75 0.26 0.00	28.54 0.22 0.00	29.63 0.28 0.00	28.02 0.23 0.00	29.34 0.28 0.00	29.50 0.43 0.00	32.16 0.83 0.00	36.40 0.68 -0.17	40.03 0.54 -0.54	44.79 0.06 -0.87	36.15 -0.16 13.60	29.28 0.01 25.75	51.49 0.45 12.03	67.54 0.27 1.76	41.78 -0.96 46.25	40.29 -0.87 44.87	28.56 -1.16 47.23	28.31 -0.94 37.42	32.92 -1.02 29.46	50.23 -0.51 1.33

PORT_JEFF_IC 23713	32.95 0.65 0.00	30.73 0.68 0.00	28.24 0.52 0.00	27.52 0.38 0.00	29.75 0.26 0.00	28.54 0.22 0.00	29.63 0.28 0.00	28.02 0.23 0.00	29.35 0.29 0.00	29.52 0.45 0.00	32.19 0.86 0.00	36.44 0.72 -0.17	40.08 0.59 -0.54	44.85 0.13 -0.87	36.36 -0.01 13.54	29.57 0.19 25.64	51.74 0.64 11.98	67.73 0.45 1.75	41.87 -1.06 46.07	40.70 -0.64 44.69	28.91 -1.00 47.04	28.60 -0.79 37.27	33.17 -0.89 29.34	50.27 -0.47 1.32
PPL PILGRIM_ST_GT1 24216	33.11 0.81 0.00	30.91 0.85 0.00	28.41 0.69 0.00	27.70 0.56 0.00	29.94 0.45 0.00	28.71 0.39 0.00	29.81 0.45 0.00	28.18 0.39 0.00	29.49 0.43 0.00	29.65 0.58 0.00	32.32 0.99 0.00	36.61 0.89 -0.17	40.30 0.81 -0.54	45.06 0.34 -0.87	36.65 0.04 13.30	29.97 0.16 25.20	51.88 0.55 11.75	67.77 0.47 1.73	43.23 -0.44 45.33	41.52 -0.55 43.97	29.86 -0.81 46.28	29.24 -0.76 36.67	33.67 -0.86 28.87	50.59 -0.18 1.30
PPL PILGRIM_ST_GT2 24217	33.11 0.81 0.00	30.91 0.85 0.00	28.41 0.69 0.00	27.70 0.56 0.00	29.94 0.45 0.00	28.71 0.39 0.00	29.81 0.45 0.00	28.18 0.39 0.00	29.49 0.43 0.00	29.65 0.58 0.00	32.32 0.99 0.00	36.61 0.89 -0.17	40.30 0.81 -0.54	45.06 0.34 -0.87	36.65 0.04 13.30	29.97 0.16 25.20	51.88 0.55 11.75	67.77 0.47 1.73	43.23 -0.44 45.33	41.52 -0.55 43.97	29.86 -0.81 46.28	29.24 -0.76 36.67	33.67 -0.86 28.87	50.59 -0.18 1.30
PPL_SHRM_GT3 24213	32.68 0.38 0.00	30.45 0.39 0.00	27.98 0.25 0.00	27.26 0.12 0.00	29.45 -0.04 0.00	28.25 -0.07 0.00	29.33 -0.02 0.00	27.74 -0.05 0.00	29.06 0.00 0.00	29.22 0.14 0.00	31.85 0.53 0.00	36.01 0.29 -0.17	39.60 0.11 -0.54	44.35 -0.38 -0.87	35.77 -0.57 13.57	29.01 -0.32 25.69	51.52 0.45 12.01	67.39 0.11 1.76	41.73 -1.10 46.16	40.00 -1.24 44.79	28.25 -1.56 47.14	28.40 -0.92 37.35	32.98 -1.02 29.40	49.85 -0.89 1.32
PPL_SHRM_GT4 24214	32.68 0.38 0.00	30.45 0.39 0.00	27.98 0.25 0.00	27.26 0.12 0.00	29.45 -0.04 0.00	28.25 -0.07 0.00	29.33 -0.02 0.00	27.74 -0.05 0.00	29.06 0.00 0.00	29.22 0.14 0.00	31.85 0.53 0.00	36.01 0.29 -0.17	39.60 0.11 -0.54	44.35 -0.38 -0.87	35.77 -0.57 13.57	29.01 -0.32 25.69	51.52 0.45 12.01	67.39 0.11 1.76	41.73 -1.10 46.16	40.00 -1.24 44.79	28.25 -1.56 47.14	28.40 -0.92 37.35	32.98 -1.02 29.40	49.85 -0.89 1.32
PROJECT___ORANGE 1 24174	32.02 -0.27 0.00	29.73 -0.33 0.00	27.30 -0.42 0.00	26.66 -0.48 0.00	29.00 -0.49 0.00	27.88 -0.43 0.00	28.94 -0.41 0.00	27.42 -0.37 0.00	28.72 -0.34 0.00	28.75 -0.33 0.00	31.12 -0.21 0.00	35.39 -0.16 0.00	38.88 -0.07 0.00	44.00 0.15 0.00	50.18 0.27 0.00	55.38 0.36 0.00	63.54 0.45 0.00	69.71 0.67 0.00	90.10 0.76 -0.34	87.02 0.90 -0.09	78.04 0.62 -0.48	67.57 0.43 -0.47	64.04 0.24 -0.40	52.04 -0.02 0.00
PROJECT___ORANGE 2 24166	32.02 -0.27 0.00	29.73 -0.33 0.00	27.30 -0.42 0.00	26.66 -0.48 0.00	29.00 -0.49 0.00	27.88 -0.43 0.00	28.94 -0.41 0.00	27.42 -0.37 0.00	28.72 -0.34 0.00	28.75 -0.33 0.00	31.12 -0.21 0.00	35.39 -0.16 0.00	38.88 -0.07 0.00	44.00 0.15 0.00	50.18 0.27 0.00	55.38 0.36 0.00	63.54 0.45 0.00	69.71 0.67 0.00	90.10 0.76 -0.34	87.02 0.90 -0.09	78.04 0.62 -0.48	67.57 0.43 -0.47	64.04 0.24 -0.40	52.04 -0.02 0.00
PUCKETT___SOLAR 323809	32.86 0.56 0.00	30.49 0.44 0.00	28.01 0.29 0.00	27.39 0.25 0.00	29.78 0.29 0.00	28.63 0.31 0.00	29.74 0.39 0.00	28.07 0.28 0.00	29.34 0.28 0.00	29.15 0.08 0.00	31.49 0.17 0.00	35.82 0.28 0.00	39.23 0.28 0.00	44.41 0.56 0.00	50.70 0.79 0.00	56.02 1.01 0.00	64.45 1.37 0.00	71.04 2.01 0.00	91.83 2.59 -0.24	89.26 3.17 -0.06	79.78 2.78 -0.06	69.11 2.35 -0.08	65.55 2.01 -0.14	53.42 1.36 0.00
PYRITES___HYD 24023	34.10 1.80 0.00	31.71 1.65 0.00	29.21 1.49 0.00	28.65 1.51 0.00	31.06 1.57 0.00	29.85 1.53 0.00	31.02 1.66 0.00	29.31 1.52 0.00	30.55 1.49 0.00	30.75 1.68 0.00	32.59 1.26 0.00	36.96 1.42 0.00	40.47 1.52 0.00	45.40 1.55 0.00	51.57 1.66 0.00	56.40 1.38 0.00	64.44 1.35 0.00	70.72 1.69 0.00	91.85 2.85 0.00	89.84 3.81 0.00	116.15 4.76 -34.45	139.52 4.18 -68.67	74.59 4.21 -6.98	55.30 3.24 0.00
QUAKERRD_115KV_BK1 80622	32.20 -0.10 0.00	29.84 -0.22 0.00	27.17 -0.55 0.00	26.42 -0.72 0.00	28.66 -0.83 0.00	27.53 -0.79 0.00	28.74 -0.61 0.00	27.32 -0.47 0.00	28.92 -0.14 0.00	29.16 0.08 0.00	31.75 0.42 0.00	36.31 0.76 0.00	40.07 1.12 0.00	45.63 1.80 0.02	51.95 2.04 0.00	57.19 2.17 0.00	65.24 2.16 0.00	71.56 2.53 0.00	91.74 2.74 0.00	88.92 2.89 0.00	79.28 2.33 0.00	68.65 1.99 0.00	65.34 1.94 0.00	53.13 1.06 0.00
QUENSBRY_115KV_TB8 356137	33.98 1.69 0.00	31.60 1.54 0.00	29.16 1.44 0.00	28.53 1.39 0.00	30.99 1.51 0.00	29.74 1.42 0.00	30.84 1.49 0.00	29.06 1.27 0.00	30.09 1.03 0.00	29.95 0.87 0.00	31.98 0.65 0.00	36.09 0.71 0.17	39.19 0.76 0.52	43.71 0.69 0.84	49.98 1.13 1.06	55.37 1.61 1.26	63.70 2.68 2.05	72.51 3.48 0.00	94.89 5.89 0.00	91.55 5.52 0.00	81.97 5.03 0.00	70.34 3.68 0.00	66.02 2.62 0.00	54.12 2.15 0.10
RAMAPO___LBMP 323565	32.85 0.56 0.00	30.57 0.51 0.00	28.17 0.45 0.00	27.55 0.41 0.00	29.82 0.33 0.00	28.65 0.33 0.00	29.72 0.37 0.00	28.16 0.37 0.00	29.43 0.37 0.00	29.49 0.42 0.00	31.86 0.53 0.00	36.24 0.53 -0.16	39.92 0.47 -0.50	45.04 0.39 -0.80	51.30 0.38 -1.02	56.76 0.54 -1.21	65.74 0.69 -1.97	69.54 0.51 0.00	89.05 0.06 0.00	85.91 -0.12 0.00	76.61 -0.33 0.00	66.39 -0.27 0.00	63.06 -0.34 0.00	52.26 0.09 -0.10
RANKINE____ 23646	33.11 0.81 0.00	30.63 0.57 0.00	27.62 -0.10 0.00	26.77 -0.37 0.00	29.01 -0.48 0.00	27.90 -0.42 0.00	29.33 -0.02 0.00	27.98 0.19 0.00	29.99 0.93 0.00	30.35 1.27 0.00	33.22 1.90 0.00	38.11 2.57 0.00	42.07 3.12 0.00	48.28 4.43 -0.01	54.82 4.92 0.00	60.22 5.20 0.00	68.29 5.21 0.00	74.93 5.89 0.00	95.21 6.22 0.00	92.64 6.61 0.00	82.69 5.74 0.00	71.85 5.18 0.00	68.77 5.37 0.00	55.65 3.59 0.00
RAVENSWOOD_GT2_1 24244	33.14 0.84 0.00	30.84 0.79 0.00	28.44 0.72 0.00	27.79 0.65 0.00	30.05 0.57 0.00	28.89 0.57 0.00	29.95 0.60 0.00	28.42 0.63 0.00	29.71 0.65 0.00	29.79 0.72 0.00	32.18 0.85 0.00	36.61 0.89 -0.17	40.37 0.87 -0.54	45.53 0.81 -0.87	51.82 0.80 -1.11	57.24 0.91 -1.32	66.25 1.03 -2.14	69.90 0.87 0.00	89.50 0.50 0.00	86.26 0.22 0.00	76.84 -0.10 0.00	66.60 -0.07 0.00	63.31 -0.10 0.00	52.59 0.41 -0.11
RAVENSWOOD_GT2_2 24245	33.14 0.84 0.00	30.84 0.79 0.00	28.44 0.72 0.00	27.79 0.65 0.00	30.05 0.57 0.00	28.89 0.57 0.00	29.95 0.60 0.00	28.42 0.63 0.00	29.71 0.65 0.00	29.79 0.72 0.00	32.18 0.85 0.00	36.61 0.89 -0.17	40.37 0.87 -0.54	45.53 0.81 -0.87	51.82 0.80 -1.11	57.24 0.91 -1.32	66.25 1.03 -2.14	69.90 0.87 0.00	89.50 0.50 0.00	86.26 0.22 0.00	76.84 -0.10 0.00	66.60 -0.07 0.00	63.31 -0.10 0.00	52.59 0.41 -0.11

RAVENSWOOD_GT2_3 24246	33.16 0.86 0.00	30.86 0.80 0.00	28.45 0.73 0.00	27.80 0.66 0.00	30.07 0.58 0.00	28.90 0.58 0.00	29.96 0.61 0.00	28.44 0.65 0.00	29.72 0.66 0.00	29.82 0.74 0.00	32.18 0.86 0.00	36.62 0.90 -0.17	40.39 0.90 -0.54	45.56 0.83 -0.87	51.86 0.84 -1.11	57.28 0.94 -1.32	66.31 1.08 -2.14	69.94 0.91 0.00	89.56 0.56 0.00	86.32 0.28 0.00	76.89 -0.05 0.00	66.66 -0.01 0.00	63.34 -0.07 0.00	52.61 0.43 -0.11
RAVENSWOOD_GT2_4 24247	33.16 0.86 0.00	30.86 0.80 0.00	28.45 0.73 0.00	27.80 0.66 0.00	30.07 0.58 0.00	28.90 0.58 0.00	29.96 0.61 0.00	28.44 0.65 0.00	29.72 0.66 0.00	29.82 0.74 0.00	32.18 0.86 0.00	36.62 0.90 -0.17	40.39 0.90 -0.54	45.56 0.83 -0.87	51.86 0.84 -1.11	57.28 0.94 -1.32	66.31 1.08 -2.14	69.94 0.91 0.00	89.56 0.56 0.00	86.32 0.28 0.00	76.89 -0.05 0.00	66.66 -0.01 0.00	63.34 -0.07 0.00	52.61 0.43 -0.11
RAVENSWOOD_GT3_1 24248	33.14 0.84 0.00	30.84 0.79 0.00	28.44 0.72 0.00	27.79 0.65 0.00	30.05 0.57 0.00	28.89 0.57 0.00	29.95 0.60 0.00	28.43 0.64 0.00	29.71 0.65 0.00	29.79 0.72 0.00	32.18 0.85 0.00	36.61 0.89 -0.17	40.37 0.87 -0.54	45.53 0.81 -0.87	51.82 0.80 -1.11	57.25 0.92 -1.32	66.25 1.03 -2.14	69.90 0.87 0.00	89.51 0.51 0.00	86.26 0.22 0.00	76.85 -0.09 0.00	66.60 -0.07 0.00	63.31 -0.10 0.00	52.59 0.41 -0.11
RAVENSWOOD_GT3_2 24249	33.14 0.84 0.00	30.84 0.79 0.00	28.44 0.72 0.00	27.79 0.65 0.00	30.05 0.57 0.00	28.89 0.57 0.00	29.95 0.60 0.00	28.43 0.64 0.00	29.71 0.65 0.00	29.79 0.72 0.00	32.18 0.85 0.00	36.61 0.89 -0.17	40.37 0.87 -0.54	45.53 0.81 -0.87	51.82 0.80 -1.11	57.25 0.92 -1.32	66.25 1.03 -2.14	69.90 0.87 0.00	89.51 0.51 0.00	86.26 0.22 0.00	76.85 -0.09 0.00	66.60 -0.07 0.00	63.31 -0.10 0.00	52.59 0.41 -0.11
RAVENSWOOD_GT3_3 24250	33.19 0.89 0.00	30.89 0.83 0.00	28.48 0.76 0.00	27.83 0.69 0.00	30.10 0.61 0.00	28.93 0.61 0.00	30.00 0.64 0.00	28.47 0.68 0.00	29.76 0.70 0.00	29.85 0.77 0.00	32.24 0.91 0.00	36.68 0.96 -0.17	40.45 0.95 -0.54	45.64 0.92 -0.87	51.92 0.91 -1.11	57.36 1.03 -1.32	66.39 1.16 -2.14	70.04 1.01 0.00	89.71 0.71 0.00	86.43 0.40 0.00	77.00 0.06 0.00	66.73 0.06 0.00	63.43 0.03 0.00	52.68 0.50 -0.11
RAVENSWOOD_GT3_4 24251	33.19 0.89 0.00	30.89 0.83 0.00	28.48 0.76 0.00	27.83 0.69 0.00	30.10 0.61 0.00	28.93 0.61 0.00	30.00 0.64 0.00	28.47 0.68 0.00	29.76 0.70 0.00	29.85 0.77 0.00	32.24 0.91 0.00	36.68 0.96 -0.17	40.45 0.95 -0.54	45.64 0.92 -0.87	51.92 0.91 -1.11	57.36 1.03 -1.32	66.39 1.16 -2.14	70.04 1.01 0.00	89.71 0.71 0.00	86.43 0.40 0.00	77.00 0.06 0.00	66.73 0.06 0.00	63.43 0.03 0.00	52.68 0.50 -0.11
RAVENSWOOD_GT_1 23729	33.20 0.90 0.00	30.92 0.86 0.00	28.48 0.75 0.00	27.81 0.67 0.00	30.05 0.56 0.00	28.88 0.56 0.00	29.95 0.60 0.00	28.47 0.67 0.00	29.75 0.69 0.00	29.84 0.77 0.00	32.19 0.86 0.00	36.64 0.92 -0.17	40.42 0.93 -0.54	45.57 0.84 -0.87	51.82 0.80 -1.11	57.20 0.87 -1.32	66.09 0.87 -2.14	69.78 0.75 0.00	89.34 0.34 0.00	86.12 0.09 0.00	76.70 -0.25 0.00	66.50 -0.17 0.00	63.27 -0.14 0.00	52.64 0.47 -0.11
RAVENSWOOD_GT_10 24258	33.14 0.84 0.00	30.84 0.78 0.00	28.44 0.72 0.00	27.79 0.65 0.00	30.05 0.57 0.00	28.89 0.57 0.00	29.95 0.60 0.00	28.42 0.63 0.00	29.71 0.65 0.00	29.79 0.72 0.00	32.18 0.85 0.00	36.61 0.89 -0.17	40.37 0.87 -0.54	45.54 0.82 -0.87	51.82 0.80 -1.11	57.25 0.92 -1.32	66.27 1.04 -2.14	69.90 0.87 0.00	89.54 0.54 0.00	86.26 0.22 0.00	76.85 -0.09 0.00	66.60 -0.07 0.00	63.31 -0.09 0.00	52.59 0.41 -0.11
RAVENSWOOD_GT_11 24259	33.14 0.84 0.00	30.84 0.78 0.00	28.44 0.72 0.00	27.79 0.65 0.00	30.05 0.57 0.00	28.89 0.57 0.00	29.95 0.60 0.00	28.42 0.63 0.00	29.71 0.65 0.00	29.79 0.72 0.00	32.18 0.85 0.00	36.61 0.89 -0.17	40.37 0.87 -0.54	45.54 0.82 -0.87	51.82 0.80 -1.11	57.25 0.92 -1.32	66.27 1.04 -2.14	69.90 0.87 0.00	89.54 0.54 0.00	86.26 0.22 0.00	76.85 -0.09 0.00	66.60 -0.07 0.00	63.31 -0.09 0.00	52.59 0.41 -0.11
RAVENSWOOD_GT_4 24252	33.15 0.85 0.00	30.84 0.79 0.00	28.45 0.72 0.00	27.79 0.65 0.00	30.05 0.57 0.00	28.89 0.57 0.00	29.95 0.60 0.00	28.43 0.64 0.00	29.71 0.65 0.00	29.79 0.72 0.00	32.18 0.85 0.00	36.61 0.89 -0.17	40.37 0.87 -0.54	45.55 0.82 -0.87	51.82 0.80 -1.11	57.25 0.92 -1.32	66.25 1.03 -2.14	69.90 0.87 0.00	89.53 0.53 0.00	86.26 0.22 0.00	76.85 -0.09 0.00	66.60 -0.07 0.00	63.31 -0.09 0.00	52.60 0.42 -0.11
RAVENSWOOD_GT_5 24254	33.15 0.85 0.00	30.84 0.79 0.00	28.45 0.72 0.00	27.79 0.65 0.00	30.05 0.57 0.00	28.89 0.57 0.00	29.95 0.60 0.00	28.43 0.64 0.00	29.71 0.65 0.00	29.79 0.72 0.00	32.18 0.85 0.00	36.61 0.89 -0.17	40.37 0.87 -0.54	45.55 0.82 -0.87	51.82 0.80 -1.11	57.25 0.92 -1.32	66.25 1.03 -2.14	69.90 0.87 0.00	89.53 0.53 0.00	86.26 0.22 0.00	76.85 -0.09 0.00	66.60 -0.07 0.00	63.31 -0.09 0.00	52.60 0.42 -0.11
RAVENSWOOD_GT_6 24253	33.15 0.85 0.00	30.84 0.79 0.00	28.45 0.72 0.00	27.79 0.65 0.00	30.05 0.57 0.00	28.89 0.57 0.00	29.95 0.60 0.00	28.43 0.64 0.00	29.71 0.65 0.00	29.79 0.72 0.00	32.18 0.85 0.00	36.61 0.89 -0.17	40.37 0.87 -0.54	45.55 0.82 -0.87	51.82 0.80 -1.11	57.25 0.92 -1.32	66.25 1.03 -2.14	69.90 0.87 0.00	89.53 0.53 0.00	86.26 0.22 0.00	76.85 -0.09 0.00	66.60 -0.07 0.00	63.31 -0.09 0.00	52.60 0.42 -0.11
RAVENSWOOD_GT_7 24255	33.15 0.85 0.00	30.84 0.79 0.00	28.45 0.72 0.00	27.79 0.65 0.00	30.05 0.57 0.00	28.89 0.57 0.00	29.95 0.60 0.00	28.43 0.64 0.00	29.71 0.65 0.00	29.79 0.72 0.00	32.18 0.85 0.00	36.61 0.89 -0.17	40.37 0.87 -0.54	45.55 0.82 -0.87	51.82 0.80 -1.11	57.25 0.92 -1.32	66.25 1.03 -2.14	69.90 0.87 0.00	89.53 0.53 0.00	86.26 0.22 0.00	76.85 -0.09 0.00	66.60 -0.07 0.00	63.31 -0.09 0.00	52.60 0.42 -0.11
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	33.14 0.84 0.00	30.84 0.78 0.00	28.44 0.72 0.00	27.79 0.65 0.00	30.05 0.57 0.00	28.89 0.57 0.00	29.95 0.60 0.00	28.42 0.63 0.00	29.71 0.65 0.00	29.79 0.72 0.00	32.18 0.85 0.00	36.61 0.89 -0.17	40.37 0.87 -0.54	45.54 0.82 -0.87	51.82 0.80 -1.11	57.25 0.92 -1.32	66.27 1.04 -2.14	69.90 0.87 0.00	89.54 0.54 0.00	86.26 0.22 0.00	76.85 -0.09 0.00	66.60 -0.07 0.00	63.31 -0.09 0.00	52.59 0.41 -0.11
RAVENSWOOD_GT_9 24257	33.14 0.84 0.00	30.84 0.78 0.00	28.44 0.72 0.00	27.79 0.65 0.00	30.05 0.57 0.00	28.89 0.57 0.00	29.95 0.60 0.00	28.42 0.63 0.00	29.71 0.65 0.00	29.79 0.72 0.00	32.18 0.85 0.00	36.61 0.89 -0.17	40.37 0.87 -0.54	45.54 0.82 -0.87	51.82 0.80 -1.11	57.25 0.92 -1.32	66.27 1.04 -2.14	69.90 0.87 0.00	89.54 0.54 0.00	86.26 0.22 0.00	76.85 -0.09 0.00	66.60 -0.07 0.00	63.31 -0.09 0.00	52.59 0.41 -0.11

RAVENSWOOD___1 23533	33.21 0.91 0.00	30.92 0.86 0.00	28.48 0.75 0.00	27.81 0.67 0.00	30.05 0.57 0.00	28.88 0.56 0.00	29.95 0.60 0.00	28.47 0.68 0.00	29.75 0.69 0.00	29.84 0.77 0.00	32.19 0.86 0.00	36.64 0.92 -0.17	40.42 0.92 -0.54	45.57 0.84 -0.87	51.82 0.81 -1.11	57.21 0.88 -1.32	66.09 0.86 -2.14	69.79 0.76 0.00	89.34 0.34 0.00	86.11 0.08 0.00	76.70 -0.25 0.00	66.49 -0.17 0.00	63.26 -0.14 0.00	52.66 0.48 -0.11
RAVENSWOOD___2 23534	33.21 0.91 0.00	30.92 0.86 0.00	28.48 0.75 0.00	27.81 0.67 0.00	30.05 0.57 0.00	28.88 0.56 0.00	29.95 0.60 0.00	28.47 0.68 0.00	29.75 0.69 0.00	29.84 0.77 0.00	32.19 0.86 0.00	36.64 0.92 -0.17	40.42 0.92 -0.54	45.57 0.84 -0.87	51.82 0.81 -1.11	57.21 0.88 -1.32	66.09 0.86 -2.14	69.79 0.76 0.00	89.34 0.34 0.00	86.11 0.08 0.00	76.70 -0.25 0.00	66.49 -0.17 0.00	63.26 -0.14 0.00	52.66 0.48 -0.11
RAVENSWOOD___3 23535	33.15 0.84 0.00	30.84 0.79 0.00	28.45 0.72 0.00	27.79 0.65 0.00	30.06 0.57 0.00	28.89 0.57 0.00	29.95 0.60 0.00	28.43 0.64 0.00	29.71 0.65 0.00	29.79 0.72 0.00	32.18 0.85 0.00	36.61 0.89 -0.17	40.37 0.88 -0.54	45.54 0.82 -0.87	51.82 0.81 -1.11	57.24 0.90 -1.32	66.25 1.03 -2.14	69.90 0.87 0.00	89.52 0.53 0.00	86.25 0.22 0.00	76.84 -0.10 0.00	66.61 -0.06 0.00	63.31 -0.09 0.00	52.60 0.42 -0.11
RAVENSWOOD___4 23820	33.21 0.91 0.00	30.92 0.86 0.00	28.48 0.75 0.00	27.81 0.67 0.00	30.05 0.57 0.00	28.88 0.56 0.00	29.95 0.60 0.00	28.47 0.68 0.00	29.75 0.69 0.00	29.84 0.77 0.00	32.19 0.86 0.00	36.64 0.92 -0.17	40.42 0.92 -0.54	45.57 0.84 -0.87	51.82 0.81 -1.11	57.21 0.88 -1.32	66.09 0.86 -2.14	69.79 0.76 0.00	89.34 0.34 0.00	86.11 0.08 0.00	76.70 -0.25 0.00	66.49 -0.17 0.00	63.26 -0.14 0.00	52.66 0.48 -0.11
RCPL_TRUST___DRP 24196	33.14 0.84 0.00	30.84 0.78 0.00	28.44 0.72 0.00	27.79 0.65 0.00	30.06 0.57 0.00	28.89 0.57 0.00	29.96 0.61 0.00	28.44 0.65 0.00	29.72 0.66 0.00	29.82 0.74 0.00	32.20 0.87 0.00	36.63 0.92 -0.17	40.41 0.91 -0.54	45.58 0.85 -0.87	51.87 0.85 -1.11	57.30 0.96 -1.32	66.32 1.10 -2.14	69.95 0.92 0.00	89.58 0.58 0.00	86.32 0.29 0.00	76.89 -0.05 0.00	66.64 -0.03 0.00	63.32 -0.08 0.00	52.60 0.42 -0.11
RED___ROCHESTER 323720	33.38 1.08 0.00	30.90 0.85 0.00	28.06 0.33 0.00	27.25 0.11 0.00	29.54 0.05 0.00	28.38 0.06 0.00	29.66 0.31 0.00	28.22 0.42 0.00	29.95 0.89 0.00	30.26 1.18 0.00	33.00 1.67 0.00	37.85 2.30 0.00	41.84 2.89 0.00	47.80 3.93 -0.02	54.36 4.45 0.00	59.82 4.81 0.00	68.18 5.10 0.00	74.83 5.80 0.00	95.74 6.75 0.00	92.89 6.86 0.00	82.72 5.78 0.00	71.65 4.98 0.00	68.23 4.83 0.00	55.33 3.26 0.00
REGAN___SOLAR 323812	34.09 1.79 0.00	31.61 1.55 0.00	29.08 1.36 0.00	28.39 1.25 0.00	30.86 1.37 0.00	29.63 1.32 0.00	30.71 1.36 0.00	28.67 0.88 0.00	29.26 0.20 0.00	28.85 -0.23 0.00	30.95 -0.38 0.00	34.99 -0.44 0.12	38.14 -0.45 0.36	42.82 -0.45 0.58	48.64 -0.53 0.74	53.58 -0.55 0.88	61.60 -0.04 1.44	69.89 0.86 0.00	92.61 3.61 0.00	91.45 5.42 0.00	82.37 5.43 0.00	71.25 4.58 0.00	67.47 4.07 0.00	55.08 3.08 0.07
RENSSELAER___COGEN 23796	32.20 -0.09 0.00	30.08 0.03 0.00	27.88 0.16 0.00	27.31 0.17 0.00	29.68 0.19 0.00	28.49 0.17 0.00	29.46 0.11 0.00	27.86 0.07 0.00	28.98 -0.09 0.00	28.83 -0.24 0.00	30.95 -0.37 0.00	34.71 -0.69 0.15	37.60 -0.89 0.47	41.85 -1.25 0.75	48.01 -0.95 0.95	53.39 -0.50 1.13	60.92 -0.31 1.85	68.65 -0.38 0.00	89.02 0.02 0.00	86.15 0.12 0.00	76.99 0.05 0.00	66.63 -0.04 0.00	63.26 -0.15 0.00	52.03 0.05 0.09
REPUBLIC_115KV_BARTNBRK 55605	36.56 4.26 0.00	33.92 3.86 0.00	31.19 3.47 0.00	30.52 3.38 0.00	33.09 3.61 0.00	31.72 3.40 0.00	32.94 3.58 0.00	30.75 2.96 0.00	31.62 2.55 0.00	31.59 2.51 0.00	33.89 2.57 0.00	38.45 3.07 0.17	41.98 3.56 0.53	46.86 3.86 0.85	53.29 4.46 1.07	59.29 5.55 1.28	68.69 7.69 2.08	78.69 9.65 0.00	102.58 13.58 0.00	99.55 13.51 0.00	89.19 12.24 0.00	76.13 9.46 0.00	70.61 7.20 0.00	57.58 5.62 0.10
REVERE_CPPR_DRP 24186	33.58 1.28 0.00	31.09 1.03 0.00	28.51 0.79 0.00	27.90 0.76 0.00	30.36 0.87 0.00	29.18 0.86 0.00	30.34 0.98 0.00	28.69 0.89 0.00	29.89 0.83 0.00	29.79 0.72 0.00	32.15 0.82 0.00	36.50 0.96 0.00	40.06 1.11 0.00	45.22 1.37 0.00	51.68 1.77 0.00	57.14 2.12 0.00	65.86 2.78 0.00	72.53 3.50 0.00	94.33 5.16 -0.17	91.75 5.67 -0.05	84.91 5.10 -2.86	76.48 4.21 -5.61	67.77 3.68 -0.69	54.71 2.64 0.00
REYNLDPA_13_KV_LD 356490	32.89 0.59 0.00	30.63 0.57 0.00	28.27 0.54 0.00	27.72 0.58 0.00	30.08 0.59 0.00	28.87 0.55 0.00	29.97 0.62 0.00	28.43 0.64 0.00	29.83 0.77 0.00	29.95 0.88 0.00	32.12 0.80 0.00	36.53 0.99 0.00	40.05 1.09 0.00	44.94 1.09 0.00	50.89 0.98 0.00	55.80 0.79 0.00	63.80 0.72 0.00	69.72 0.69 0.00	90.02 1.02 0.00	86.81 0.78 0.00	73.78 0.55 3.71	59.42 0.90 8.15	64.07 1.22 0.55	53.05 0.99 0.00
REYNOLDS_115KV_TB3 80639	32.38 0.08 0.00	30.27 0.22 0.00	28.08 0.36 0.00	27.51 0.37 0.00	29.89 0.40 0.00	28.69 0.37 0.00	29.67 0.32 0.00	28.05 0.26 0.00	29.16 0.09 0.00	29.04 -0.04 0.00	31.17 -0.16 0.00	34.90 -0.47 0.18	37.77 -0.63 0.56	42.04 -0.91 0.90	48.07 -0.70 1.14	53.26 -0.40 1.35	60.66 -0.22 2.20	68.73 -0.30 0.00	89.12 0.12 0.00	86.11 0.08 0.00	76.97 0.02 0.00	66.58 -0.09 0.00	63.19 -0.21 0.00	52.00 0.03 0.10
RIVERBAY____ 323610	34.02 1.72 0.00	31.70 1.64 0.00	29.19 1.47 0.00	28.44 1.30 0.00	30.75 1.26 0.00	29.61 1.29 0.00	30.75 1.39 0.00	29.19 1.40 0.00	30.51 1.45 0.00	30.56 1.49 0.00	32.96 1.63 0.00	37.56 1.84 -0.17	41.41 1.92 -0.54	46.73 2.01 -0.87	53.17 2.15 -1.11	58.76 2.42 -1.32	67.87 2.65 -2.14	71.85 2.82 0.00	91.97 2.97 0.00	88.67 2.65 0.00	79.00 2.06 0.00	68.44 1.78 0.00	65.20 1.80 0.00	54.14 1.96 -0.11
RIVERSDE_115KV_TB3 55908	32.34 0.04 0.00	30.22 0.16 0.00	28.01 0.29 0.00	27.44 0.30 0.00	29.81 0.33 0.00	28.62 0.29 0.00	29.59 0.24 0.00	27.99 0.20 0.00	29.10 0.04 0.00	28.98 -0.09 0.00	31.12 -0.21 0.00	34.87 -0.51 0.17	37.77 -0.67 0.52	42.04 -0.98 0.83	48.18 -0.68 1.05	53.52 -0.25 1.25	61.02 -0.03 2.03	68.96 -0.07 0.00	89.46 0.46 0.00	86.49 0.45 0.00	77.27 0.33 0.00	66.85 0.18 0.00	63.45 0.04 0.00	52.19 0.22 0.10
ROARING___BROOK_WT_PWR 323790	32.06 -0.23 0.00	29.74 -0.31 0.00	27.43 -0.29 0.00	26.90 -0.23 0.00	29.25 -0.24 0.00	28.10 -0.22 0.00	29.19 -0.16 0.00	27.65 -0.14 0.00	28.98 -0.08 0.00	29.10 0.03 0.00	31.39 0.06 0.00	35.64 0.09 0.00	39.03 0.08 0.00	43.93 0.08 0.00	49.96 0.05 0.00	55.02 0.00 0.00	63.03 -0.05 0.00	68.93 -0.10 0.00	88.99 -0.01 0.00	86.00 -0.03 0.00	76.62 0.03 0.35	66.41 0.05 0.31	63.33 0.11 0.18	52.14 0.07 0.00

ROCHESRG_115KV_T4 355643	32.89 0.59 0.00	30.48 0.42 0.00	27.69 -0.03 0.00	26.92 -0.22 0.00	29.18 -0.31 0.00	28.03 -0.29 0.00	29.31 -0.05 0.00	27.88 0.09 0.00	29.58 0.52 0.00	29.85 0.77 0.00	32.52 1.20 0.00	37.22 1.68 0.00	41.09 2.14 0.00	46.90 3.04 -0.02	53.30 3.40 0.00	58.64 3.62 0.00	66.79 3.71 0.00	73.26 4.23 0.00	93.71 4.71 0.00	90.95 4.92 0.00	81.10 4.15 0.00	70.31 3.63 0.00	67.03 3.63 0.00	54.44 2.38 0.00
ROCHESTER_9_IC 23652	33.14 0.84 0.00	30.70 0.65 0.00	27.88 0.16 0.00	27.09 -0.05 0.00	29.38 -0.11 0.00	28.22 -0.10 0.00	29.49 0.14 0.00	28.06 0.27 0.00	29.78 0.72 0.00	30.06 0.99 0.00	32.78 1.45 0.00	37.55 2.00 0.00	41.47 2.52 0.00	47.36 3.49 -0.02	53.84 3.94 0.00	59.25 4.23 0.00	67.49 4.41 0.00	74.06 5.03 0.00	94.75 5.75 0.00	91.93 5.90 0.00	81.92 4.98 0.00	70.98 4.31 0.00	67.65 4.25 0.00	54.91 2.84 0.00
ROCKVIEW_13_KV_LD 356306	33.20 0.90 0.00	30.90 0.84 0.00	28.48 0.76 0.00	27.83 0.68 0.00	30.12 0.63 0.00	28.95 0.63 0.00	30.01 0.66 0.00	28.47 0.68 0.00	29.75 0.68 0.00	29.82 0.75 0.00	32.22 0.89 0.00	36.65 0.93 -0.17	40.44 0.95 -0.54	45.63 0.90 -0.87	51.96 0.95 -1.11	57.44 1.11 -1.32	66.54 1.31 -2.14	70.22 1.19 0.00	89.97 0.97 0.00	86.71 0.68 0.00	77.25 0.31 0.00	66.94 0.27 0.00	63.57 0.16 0.00	52.73 0.55 -0.11
ROME____115KV_TB2 80656	33.58 1.28 0.00	31.09 1.03 0.00	28.51 0.79 0.00	27.90 0.76 0.00	30.36 0.87 0.00	29.18 0.86 0.00	30.34 0.98 0.00	28.69 0.89 0.00	29.89 0.83 0.00	29.79 0.72 0.00	32.15 0.82 0.00	36.50 0.96 0.00	40.06 1.11 0.00	45.22 1.37 0.00	51.68 1.77 0.00	57.14 2.12 0.00	65.86 2.78 0.00	72.53 3.50 0.00	94.33 5.16 -0.17	91.75 5.67 -0.05	84.91 5.10 -2.86	76.48 4.21 -5.61	67.77 3.68 -0.69	54.71 2.64 0.00
ROSETON___1 23587	32.77 0.46 0.00	30.51 0.45 0.00	28.16 0.44 0.00	27.55 0.41 0.00	29.85 0.37 0.00	28.68 0.36 0.00	29.71 0.36 0.00	28.16 0.37 0.00	29.39 0.33 0.00	29.40 0.32 0.00	31.73 0.40 0.00	36.07 0.36 -0.16	39.75 0.30 -0.50	44.85 0.19 -0.80	51.12 0.20 -1.02	56.50 0.27 -1.21	65.39 0.34 -1.97	69.25 0.21 0.00	88.89 -0.11 0.00	85.73 -0.30 0.00	76.46 -0.49 0.00	66.25 -0.42 0.00	62.94 -0.46 0.00	52.12 -0.05 -0.10
ROSETON___2 23588	32.77 0.46 0.00	30.51 0.45 0.00	28.16 0.44 0.00	27.55 0.41 0.00	29.85 0.37 0.00	28.68 0.36 0.00	29.71 0.36 0.00	28.16 0.37 0.00	29.39 0.33 0.00	29.40 0.32 0.00	31.73 0.40 0.00	36.07 0.36 -0.16	39.75 0.30 -0.50	44.85 0.19 -0.80	51.12 0.20 -1.02	56.50 0.27 -1.21	65.39 0.34 -1.97	69.25 0.21 0.00	88.89 -0.11 0.00	85.73 -0.30 0.00	76.46 -0.49 0.00	66.25 -0.42 0.00	62.94 -0.46 0.00	52.12 -0.05 -0.10
ROTRRDAM_115KV_TB3 80664	32.79 0.48 0.00	30.54 0.49 0.00	28.23 0.51 0.00	27.63 0.49 0.00	30.05 0.56 0.00	28.84 0.52 0.00	29.87 0.52 0.00	28.23 0.44 0.00	29.36 0.30 0.00	29.25 0.17 0.00	31.45 0.12 0.00	35.43 0.02 0.13	38.52 -0.02 0.41	43.11 -0.08 0.66	49.08 0.01 0.84	54.14 0.12 1.00	61.84 0.38 1.62	69.55 0.51 0.00	90.00 1.00 0.00	87.04 1.01 0.00	77.84 0.90 0.00	67.37 0.70 0.00	63.93 0.52 0.00	52.50 0.51 0.07
RUSSELL___1 23602	33.38 1.08 0.00	30.90 0.85 0.00	28.05 0.33 0.00	27.25 0.11 0.00	29.54 0.05 0.00	28.38 0.06 0.00	29.66 0.31 0.00	28.22 0.43 0.00	29.95 0.89 0.00	30.26 1.18 0.00	33.00 1.68 0.00	37.84 2.30 0.00	41.84 2.88 0.00	47.80 3.93 -0.02	54.35 4.44 0.00	59.82 4.81 0.00	68.17 5.09 0.00	74.84 5.80 0.00	95.74 6.74 0.00	92.88 6.85 0.00	82.71 5.76 0.00	71.63 4.96 0.00	68.22 4.81 0.00	55.33 3.26 0.00
RUSSELL___2 23532	33.38 1.08 0.00	30.90 0.85 0.00	28.05 0.33 0.00	27.25 0.11 0.00	29.54 0.05 0.00	28.38 0.06 0.00	29.66 0.31 0.00	28.22 0.43 0.00	29.95 0.89 0.00	30.26 1.18 0.00	33.00 1.68 0.00	37.84 2.30 0.00	41.84 2.88 0.00	47.80 3.93 -0.02	54.35 4.44 0.00	59.82 4.81 0.00	68.17 5.09 0.00	74.84 5.80 0.00	95.74 6.74 0.00	92.88 6.85 0.00	82.71 5.76 0.00	71.63 4.96 0.00	68.22 4.81 0.00	55.33 3.26 0.00
RUSSELL___3 23549	33.38 1.08 0.00	30.90 0.85 0.00	28.05 0.33 0.00	27.25 0.11 0.00	29.54 0.05 0.00	28.38 0.06 0.00	29.66 0.31 0.00	28.22 0.43 0.00	29.95 0.89 0.00	30.26 1.18 0.00	33.00 1.68 0.00	37.84 2.30 0.00	41.84 2.88 0.00	47.80 3.93 -0.02	54.35 4.44 0.00	59.82 4.81 0.00	68.17 5.09 0.00	74.84 5.80 0.00	95.74 6.74 0.00	92.88 6.85 0.00	82.71 5.76 0.00	71.63 4.96 0.00	68.22 4.81 0.00	55.33 3.26 0.00
RUSSELL___4 23556	33.38 1.08 0.00	30.90 0.85 0.00	28.05 0.33 0.00	27.25 0.11 0.00	29.54 0.05 0.00	28.38 0.06 0.00	29.66 0.31 0.00	28.22 0.43 0.00	29.95 0.89 0.00	30.26 1.18 0.00	33.00 1.68 0.00	37.84 2.30 0.00	41.84 2.88 0.00	47.80 3.93 -0.02	54.35 4.44 0.00	59.82 4.81 0.00	68.17 5.09 0.00	74.84 5.80 0.00	95.74 6.74 0.00	92.88 6.85 0.00	82.71 5.76 0.00	71.63 4.96 0.00	68.22 4.81 0.00	55.33 3.26 0.00
RUSSELL___STATION 23914	33.38 1.08 0.00	30.90 0.85 0.00	28.05 0.33 0.00	27.25 0.11 0.00	29.54 0.05 0.00	28.38 0.06 0.00	29.66 0.31 0.00	28.22 0.43 0.00	29.95 0.89 0.00	30.26 1.18 0.00	33.00 1.68 0.00	37.84 2.30 0.00	41.84 2.88 0.00	47.80 3.93 -0.02	54.35 4.44 0.00	59.82 4.81 0.00	68.17 5.09 0.00	74.84 5.80 0.00	95.74 6.74 0.00	92.88 6.85 0.00	82.71 5.76 0.00	71.63 4.96 0.00	68.22 4.81 0.00	55.33 3.26 0.00
S SALMON___HYD 24043	32.41 0.11 0.00	29.98 -0.07 0.00	27.45 -0.27 0.00	26.85 -0.29 0.00	29.24 -0.25 0.00	28.17 -0.15 0.00	29.30 -0.05 0.00	27.77 -0.02 0.00	29.08 0.02 0.00	29.09 0.01 0.00	31.40 0.07 0.00	35.58 0.04 0.00	39.02 0.07 0.00	44.13 0.29 0.00	50.37 0.47 0.00	55.51 0.50 0.00	63.63 0.55 0.00	69.86 0.83 0.00	91.46 1.73 -0.74	88.80 2.57 -0.20	82.92 2.53 -3.45	75.54 2.18 -6.69	66.36 1.83 -1.12	53.29 1.23 0.00
S.PERRY__115KV_TB1 80734	33.95 1.65 0.00	31.43 1.37 0.00	28.49 0.77 0.00	27.70 0.56 0.00	30.05 0.56 0.00	28.93 0.61 0.00	30.35 0.99 0.00	28.76 0.96 0.00	30.27 1.20 0.00	30.33 1.25 0.00	33.07 1.75 0.00	37.92 2.37 0.00	41.85 2.90 0.00	47.69 3.82 -0.01	54.06 4.15 0.00	58.58 3.56 0.00	66.39 3.31 0.00	73.06 4.03 0.00	93.56 4.56 0.00	92.30 6.27 0.00	82.97 6.02 0.00	71.86 5.19 0.00	69.50 6.09 0.00	56.66 4.60 0.00
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	32.97 0.67 0.00	30.53 0.47 0.00	27.52 -0.20 0.00	26.65 -0.49 0.00	28.88 -0.60 0.00	27.76 -0.56 0.00	29.19 -0.16 0.00	27.86 0.07 0.00	29.87 0.81 0.00	30.25 1.18 0.00	33.09 1.76 0.00	37.91 2.36 0.00	41.86 2.91 0.00	48.03 4.18 -0.01	54.48 4.58 0.00	59.80 4.78 0.00	67.73 4.65 0.00	74.28 5.24 0.00	94.39 5.40 0.00	91.78 5.74 0.00	81.97 5.02 0.00	71.31 4.64 0.00	68.37 4.97 0.00	55.37 3.30 0.00

SAWYER___23_KV_LOAD 55526	32.97 0.67 0.00	30.53 0.47 0.00	27.52 -0.20 0.00	26.65 -0.49 0.00	28.88 -0.60 0.00	27.76 -0.56 0.00	29.19 -0.16 0.00	27.86 0.07 0.00	29.87 0.81 0.00	30.25 1.18 0.00	33.09 1.76 0.00	37.91 2.36 0.00	41.86 2.91 0.00	48.03 4.18 -0.01	54.48 4.58 0.00	59.80 4.78 0.00	67.73 4.65 0.00	74.28 5.24 0.00	94.39 5.40 0.00	91.78 5.74 0.00	81.97 5.02 0.00	71.31 4.64 0.00	68.37 4.97 0.00	55.37 3.30 0.00
SELKIRK___I 23801	32.53 0.23 0.00	30.37 0.32 0.00	28.14 0.42 0.00	27.57 0.43 0.00	29.99 0.50 0.00	28.79 0.47 0.00	29.77 0.41 0.00	28.12 0.33 0.00	29.20 0.14 0.00	29.02 -0.05 0.00	31.14 -0.18 0.00	34.94 -0.51 0.10	37.47 -1.19 0.30	41.70 -1.67 0.48	47.63 -1.67 0.61	52.81 -1.48 0.72	60.40 -1.51 1.18	67.32 -1.71 0.00	87.29 -1.71 0.00	84.46 -1.57 0.00	75.59 -1.36 0.00	65.45 -1.21 0.00	62.17 -1.23 0.00	51.18 -0.83 0.05
SELKIRK___II 23799	32.31 0.02 0.00	30.17 0.11 0.00	27.95 0.22 0.00	27.37 0.23 0.00	29.76 0.27 0.00	28.57 0.24 0.00	29.53 0.18 0.00	27.94 0.15 0.00	29.07 0.01 0.00	28.91 -0.17 0.00	30.98 -0.35 0.00	34.74 -0.70 0.11	37.68 -0.93 0.35	42.05 -1.24 0.56	48.06 -1.14 0.71	53.27 -0.90 0.84	60.85 -0.86 1.37	67.97 -1.06 0.00	87.92 -1.07 0.00	85.00 -1.04 0.00	76.00 -0.94 0.00	65.83 -0.84 0.00	62.51 -0.89 0.00	51.50 -0.50 0.06
SENECA OSWGO___HYD 24041	31.84 -0.46 0.00	29.56 -0.50 0.00	27.16 -0.57 0.00	26.54 -0.60 0.00	28.84 -0.65 0.00	27.72 -0.60 0.00	28.77 -0.59 0.00	27.25 -0.55 0.00	28.49 -0.57 0.00	28.53 -0.54 0.00	30.86 -0.47 0.00	35.08 -0.47 0.00	38.51 -0.45 0.00	43.56 -0.29 0.00	49.66 -0.25 0.00	54.76 -0.25 0.00	62.81 -0.27 0.00	68.90 -0.13 0.00	89.92 -0.20 -1.12	86.38 0.05 -0.30	77.61 -0.07 -0.74	67.33 -0.14 -0.81	64.04 -0.25 -0.89	51.73 -0.34 0.00
SENECA___115KV_TB3 355854	33.18 0.88 0.00	30.68 0.63 0.00	27.67 -0.05 0.00	26.83 -0.31 0.00	29.07 -0.42 0.00	27.95 -0.37 0.00	29.39 0.04 0.00	28.03 0.24 0.00	30.04 0.98 0.00	30.41 1.33 0.00	33.29 1.96 0.00	38.19 2.65 0.00	42.16 3.21 -0.01	48.38 4.53 -0.01	54.95 5.04 0.00	60.36 5.35 0.00	68.44 5.36 0.00	75.10 6.07 0.00	95.45 6.45 0.00	92.85 6.82 0.00	82.89 5.94 0.00	72.01 5.34 0.00	68.91 5.51 0.00	55.78 3.71 0.00
SENECA___ENERGY 23797	32.65 0.35 0.00	30.24 0.18 0.00	27.64 -0.08 0.00	26.93 -0.21 0.00	29.25 -0.24 0.00	28.15 -0.17 0.00	29.31 -0.04 0.00	27.78 -0.01 0.00	29.18 0.11 0.00	29.21 0.14 0.00	31.68 0.36 0.00	36.12 0.58 0.00	39.79 0.84 0.00	45.22 1.37 0.00	51.63 1.73 0.00	56.90 1.88 0.00	65.25 2.17 0.00	71.76 2.73 0.00	92.67 3.22 -0.45	89.59 3.44 -0.12	80.23 3.17 -0.11	69.42 2.59 -0.16	65.92 2.25 -0.27	53.48 1.41 0.00
SHOEMAKER___GT 23640	32.80 0.50 0.00	30.51 0.45 0.00	28.14 0.42 0.00	27.52 0.38 0.00	29.84 0.36 0.00	28.66 0.34 0.00	29.70 0.35 0.00	28.13 0.34 0.00	29.34 0.28 0.00	29.32 0.25 0.00	31.64 0.31 0.00	35.96 0.27 -0.14	39.63 0.23 -0.45	44.72 0.14 -0.72	50.99 0.17 -0.91	56.41 0.30 -1.09	65.33 0.48 -1.77	69.49 0.46 0.00	89.36 0.37 0.00	86.33 0.30 0.00	77.03 0.09 0.00	66.73 0.06 0.00	63.36 -0.04 0.00	52.37 0.21 -0.09
SHOEMAKR_138KV_BK 111 55601	32.78 0.48 0.00	30.50 0.44 0.00	28.13 0.41 0.00	27.51 0.37 0.00	29.83 0.34 0.00	28.65 0.33 0.00	29.69 0.34 0.00	28.12 0.33 0.00	29.34 0.28 0.00	29.34 0.27 0.00	31.67 0.34 0.00	35.99 0.31 -0.14	39.66 0.27 -0.44	44.75 0.18 -0.71	51.02 0.21 -0.90	56.43 0.34 -1.07	65.33 0.50 -1.75	69.49 0.46 0.00	89.30 0.30 0.00	86.23 0.20 0.00	76.93 -0.02 0.00	66.65 -0.02 0.00	63.29 -0.11 0.00	52.31 0.15 -0.09
SHOREHAM_IC_1 23715	32.68 0.38 0.00	30.45 0.39 0.00	27.98 0.25 0.00	27.26 0.12 0.00	29.45 -0.04 0.00	28.25 -0.07 0.00	29.33 -0.02 0.00	27.74 -0.05 0.00	29.06 0.00 0.00	29.22 0.14 0.00	31.85 0.53 0.00	36.01 0.29 -0.17	39.60 0.11 -0.54	44.35 -0.38 -0.87	35.77 -0.57 13.57	29.01 -0.32 25.69	51.52 0.45 12.01	67.39 0.11 1.76	41.73 -1.10 46.16	40.00 -1.24 44.79	28.25 -1.56 47.14	28.40 -0.92 37.35	32.98 -1.02 29.40	49.85 -0.89 1.32
SHOREHAM_IC_2 23716	32.67 0.37 0.00	30.45 0.40 0.00	27.98 0.25 0.00	27.26 0.12 0.00	29.45 -0.04 0.00	28.25 -0.07 0.00	29.33 -0.02 0.00	27.74 -0.05 0.00	29.06 0.00 0.00	29.22 0.14 0.00	31.85 0.53 0.00	36.01 0.29 -0.17	39.60 0.11 -0.54	44.34 -0.38 -0.87	35.81 -0.53 13.57	29.04 -0.28 25.69	51.52 0.45 12.01	67.39 0.11 1.76	41.72 -1.11 46.16	40.04 -1.21 44.79	28.31 -1.50 47.14	28.41 -0.90 37.35	33.04 -0.96 29.40	49.85 -0.89 1.32
SISSONVILLE____ 23735	33.44 1.14 0.00	31.09 1.03 0.00	28.63 0.90 0.00	28.08 0.94 0.00	30.43 0.94 0.00	29.24 0.92 0.00	30.38 1.03 0.00	28.80 1.00 0.00	30.17 1.11 0.00	30.35 1.28 0.00	32.44 1.12 0.00	36.83 1.28 0.00	40.33 1.39 0.00	45.28 1.43 0.00	51.36 1.45 0.00	56.22 1.20 0.00	64.23 1.14 0.00	70.34 1.30 0.00	90.95 1.86 -0.10	88.22 2.16 -0.03	113.15 2.88 -33.32	134.71 2.51 -65.53	73.12 2.68 -7.03	54.10 2.03 0.00
SITHE_IND_GS1 24169	31.38 -0.92 0.00	29.16 -0.90 0.00	26.81 -0.91 0.00	26.21 -0.93 0.00	28.49 -1.01 0.00	27.36 -0.95 0.00	28.40 -0.95 0.00	26.90 -0.89 0.00	28.17 -0.89 0.00	28.21 -0.87 0.00	30.48 -0.85 0.00	34.63 -0.92 0.00	38.00 -0.95 0.00	42.95 -0.90 0.00	48.93 -0.98 0.00	53.94 -1.08 0.00	61.82 -1.26 0.00	67.77 -1.26 0.00	83.96 -1.77 3.27	83.59 -1.57 0.87	74.64 -1.48 0.82	64.16 -1.31 1.19	60.15 -1.32 1.93	50.86 -1.21 0.00
SITHE_IND_GS2 24170	31.38 -0.92 0.00	29.16 -0.90 0.00	26.81 -0.91 0.00	26.21 -0.93 0.00	28.49 -1.01 0.00	27.36 -0.95 0.00	28.40 -0.95 0.00	26.90 -0.89 0.00	28.17 -0.89 0.00	28.21 -0.87 0.00	30.48 -0.85 0.00	34.63 -0.92 0.00	38.00 -0.95 0.00	42.95 -0.90 0.00	48.93 -0.98 0.00	53.94 -1.08 0.00	61.82 -1.26 0.00	67.77 -1.26 0.00	83.96 -1.77 3.27	83.59 -1.57 0.87	74.64 -1.48 0.82	64.16 -1.31 1.19	60.15 -1.32 1.93	50.86 -1.21 0.00
SITHE_IND_GS3 24171	31.38 -0.92 0.00	29.16 -0.90 0.00	26.81 -0.91 0.00	26.21 -0.93 0.00	28.49 -1.01 0.00	27.36 -0.95 0.00	28.40 -0.95 0.00	26.90 -0.89 0.00	28.17 -0.89 0.00	28.21 -0.87 0.00	30.48 -0.85 0.00	34.63 -0.92 0.00	38.00 -0.95 0.00	42.95 -0.90 0.00	48.93 -0.98 0.00	53.94 -1.08 0.00	61.82 -1.26 0.00	67.77 -1.26 0.00	83.96 -1.77 3.27	83.59 -1.57 0.87	74.64 -1.48 0.82	64.16 -1.31 1.19	60.15 -1.32 1.93	50.86 -1.21 0.00
SITHE_IND_GS4 24172	31.38 -0.92 0.00	29.16 -0.90 0.00	26.81 -0.91 0.00	26.21 -0.93 0.00	28.49 -1.01 0.00	27.36 -0.95 0.00	28.40 -0.95 0.00	26.90 -0.89 0.00	28.17 -0.89 0.00	28.21 -0.87 0.00	30.48 -0.85 0.00	34.63 -0.92 0.00	38.00 -0.95 0.00	42.95 -0.90 0.00	48.93 -0.98 0.00	53.94 -1.08 0.00	61.82 -1.26 0.00	67.77 -1.26 0.00	83.96 -1.77 3.27	83.59 -1.57 0.87	74.64 -1.48 0.82	64.16 -1.31 1.19	60.15 -1.32 1.93	50.86 -1.21 0.00

SITHE___BATAVIA 24024	34.00 1.71 0.00	31.45 1.39 0.00	28.36 0.64 0.00	27.46 0.32 0.00	29.79 0.30 0.00	28.63 0.31 0.00	30.04 0.68 0.00	28.63 0.83 0.00	30.49 1.43 0.00	30.69 1.61 0.00	33.45 2.12 0.00	38.27 2.73 0.00	42.28 3.33 0.00	48.70 4.83 -0.02	55.28 5.37 0.00	60.79 5.77 0.00	69.19 6.11 0.00	76.03 7.00 0.00	97.36 8.36 0.00	95.12 9.09 0.00	85.01 8.07 0.00	73.74 7.07 0.00	70.40 7.00 0.00	56.84 4.78 0.00
SITHE___INDEPEND 23800	31.38 -0.92 0.00	29.16 -0.90 0.00	26.81 -0.91 0.00	26.21 -0.93 0.00	28.49 -1.01 0.00	27.36 -0.95 0.00	28.40 -0.95 0.00	26.90 -0.89 0.00	28.17 -0.89 0.00	28.20 -0.87 0.00	30.48 -0.85 0.00	34.63 -0.92 0.00	38.00 -0.95 0.00	42.95 -0.90 0.00	48.92 -0.99 0.00	53.94 -1.08 0.00	61.82 -1.26 0.00	67.77 -1.27 0.00	83.96 -1.76 3.27	83.58 -1.58 0.87	74.64 -1.48 0.82	64.16 -1.32 1.19	60.15 -1.32 1.93	50.86 -1.21 0.00
SITHE___MASSENA 23902	33.07 0.77 0.00	30.79 0.73 0.00	28.41 0.69 0.00	27.86 0.72 0.00	30.22 0.73 0.00	29.01 0.69 0.00	30.13 0.78 0.00	28.56 0.77 0.00	29.96 0.89 0.00	30.09 1.02 0.00	32.24 0.92 0.00	36.67 1.12 0.00	40.18 1.23 0.00	45.10 1.25 0.00	51.11 1.20 0.00	56.04 1.02 0.00	64.05 0.97 0.00	70.01 0.98 0.00	90.14 1.14 0.00	87.05 1.02 0.00	106.14 1.52 -27.67	145.00 1.38 -76.96	64.87 1.67 0.20	53.37 1.31 0.00
SITHE___OGDNSBRG 24021	33.96 1.66 0.00	31.60 1.54 0.00	29.13 1.40 0.00	28.57 1.43 0.00	30.98 1.49 0.00	29.75 1.43 0.00	30.91 1.56 0.00	29.21 1.42 0.00	30.45 1.40 0.00	30.65 1.57 0.00	32.52 1.19 0.00	36.92 1.37 0.00	40.43 1.48 0.00	45.36 1.51 0.00	51.46 1.55 0.00	56.32 1.30 0.00	64.36 1.27 0.00	70.58 1.55 0.00	91.52 2.52 0.00	89.38 3.34 0.00	117.90 4.28 -36.67	145.24 3.76 -74.81	74.22 3.84 -6.97	55.03 2.97 0.00
SITHE___STERLING 23777	33.19 0.89 0.00	30.77 0.71 0.00	28.27 0.55 0.00	27.65 0.51 0.00	30.07 0.58 0.00	28.90 0.58 0.00	30.01 0.65 0.00	28.36 0.57 0.00	29.57 0.51 0.00	29.48 0.41 0.00	31.83 0.50 0.00	36.15 0.61 0.00	39.69 0.73 0.00	44.82 0.97 0.00	51.21 1.30 0.00	56.59 1.57 0.00	65.13 2.05 0.00	71.64 2.60 0.00	93.00 3.82 -0.18	90.30 4.22 -0.05	82.62 3.75 -1.93	73.51 3.07 -3.77	66.52 2.62 -0.50	53.91 1.85 0.00
SLEIGHT__34_KV_TB1 80719	32.68 0.38 0.00	30.24 0.19 0.00	27.56 -0.16 0.00	26.85 -0.29 0.00	29.12 -0.37 0.00	28.01 -0.31 0.00	29.22 -0.13 0.00	27.75 -0.04 0.00	29.27 0.20 0.00	29.38 0.31 0.00	31.94 0.61 0.00	36.51 0.97 0.00	40.30 1.35 0.00	45.90 2.07 0.02	52.30 2.39 0.00	57.63 2.61 0.00	65.87 2.79 0.00	72.35 3.32 0.00	93.13 3.99 -0.14	90.25 4.19 -0.04	80.55 3.57 -0.03	69.66 2.94 -0.05	66.27 2.79 -0.08	53.80 1.74 0.00
SMITHTWN_69_KV_BK 1 55830	33.02 0.72 0.00	30.80 0.75 0.00	28.30 0.58 0.00	27.58 0.44 0.00	29.82 0.33 0.00	28.59 0.27 0.00	29.69 0.34 0.00	28.08 0.29 0.00	29.41 0.35 0.00	29.60 0.52 0.00	32.29 0.96 0.00	36.58 0.86 -0.17	40.27 0.78 -0.54	45.09 0.36 -0.87	36.64 0.23 13.49	29.95 0.48 25.55	52.09 0.94 11.93	68.11 0.82 1.75	42.74 -0.33 45.92	41.24 -0.24 44.55	29.37 -0.68 46.89	28.91 -0.60 37.16	33.42 -0.73 29.25	50.45 -0.30 1.32
SOUTH CAIRO___GT 23612	33.47 1.17 0.00	31.18 1.13 0.00	28.84 1.12 0.00	28.22 1.09 0.00	30.68 1.20 0.00	29.44 1.13 0.00	30.48 1.13 0.00	28.82 1.03 0.00	29.81 0.76 0.00	29.44 0.36 0.00	31.51 0.18 0.00	35.44 -0.04 0.07	38.59 -0.15 0.21	43.21 -0.30 0.34	49.61 0.13 0.43	55.33 0.83 0.52	63.57 1.32 0.84	70.78 1.75 0.00	92.66 3.66 0.00	90.24 4.21 0.00	80.81 3.86 0.00	69.75 3.08 0.00	65.95 2.55 0.00	53.99 1.96 0.04
SOUTH HAMPTN___IC 23720	33.35 1.05 0.00	31.04 0.99 0.00	28.49 0.77 0.00	27.75 0.61 0.00	29.99 0.50 0.00	28.75 0.44 0.00	29.88 0.53 0.00	28.28 0.49 0.00	29.67 0.61 0.00	29.87 0.80 0.00	32.64 1.31 0.00	36.95 1.23 -0.17	40.65 1.15 -0.54	45.57 0.85 -0.87	37.21 0.89 13.59	30.57 1.29 25.73	53.24 2.19 12.03	69.43 2.16 1.76	44.20 1.44 46.24	42.34 1.16 44.86	30.22 0.49 47.21	30.04 0.79 37.41	34.49 0.54 29.45	51.10 0.36 1.33
SOUTHDOW_115KV_TB1 355954	33.25 0.95 0.00	30.60 0.54 0.00	27.70 -0.02 0.00	26.93 -0.21 0.00	29.23 -0.26 0.00	28.11 -0.21 0.00	29.66 0.31 0.00	28.28 0.49 0.00	30.42 1.36 0.00	30.90 1.83 0.00	33.92 2.59 0.00	38.94 3.40 0.00	42.86 3.91 0.00	49.10 5.24 -0.01	56.07 6.16 0.00	61.73 6.71 0.00	70.09 7.01 0.00	76.95 7.92 0.00	97.59 8.59 0.00	95.28 9.25 0.00	85.04 8.10 0.00	73.79 7.13 0.00	70.27 6.87 0.00	56.82 4.75 0.00
SOUTHOLD_69_KV_BK 2 55809	34.10 1.80 0.00	31.71 1.65 0.00	29.08 1.36 0.00	28.31 1.17 0.00	30.57 1.08 0.00	29.32 1.00 0.00	30.49 1.14 0.00	28.88 1.09 0.00	30.36 1.30 0.00	30.58 1.50 0.00	33.47 2.14 0.00	37.92 2.20 -0.17	41.71 2.22 -0.54	46.86 2.13 -0.87	38.77 2.45 13.59	32.29 3.01 25.73	55.15 4.10 12.03	71.68 4.41 1.76	47.02 4.26 46.23	44.90 3.72 44.86	32.41 2.67 47.21	32.12 2.86 37.41	36.40 2.45 29.45	52.50 1.77 1.33
SOUTHOLD___IC 23719	34.10 1.80 0.00	31.71 1.65 0.00	29.08 1.36 0.00	28.31 1.17 0.00	30.57 1.08 0.00	29.32 1.00 0.00	30.49 1.14 0.00	28.88 1.09 0.00	30.36 1.30 0.00	30.58 1.50 0.00	33.47 2.14 0.00	37.92 2.20 -0.17	41.71 2.21 -0.54	46.86 2.13 -0.87	38.73 2.41 13.59	32.26 2.97 25.73	55.15 4.09 12.03	71.69 4.41 1.76	47.02 4.26 46.23	44.88 3.71 44.86	32.39 2.65 47.21	32.09 2.83 37.41	36.34 2.38 29.45	52.51 1.76 1.33
SOUTH_FORK_WT_PWR 323839	34.25 1.95 0.00	31.84 1.79 0.00	29.21 1.49 0.00	28.43 1.29 0.00	30.69 1.20 0.00	29.42 1.10 0.00	30.61 1.26 0.00	29.00 1.21 0.00	30.47 1.41 0.00	30.69 1.62 0.00	33.63 2.31 0.00	38.11 2.39 -0.17	41.88 2.39 -0.54	47.08 2.36 -0.87	38.97 2.65 13.59	32.49 3.21 25.73	55.32 4.27 12.03	71.87 4.60 1.76	47.29 4.52 46.24	45.10 3.92 44.86	32.59 2.86 47.21	32.45 3.19 37.41	36.69 2.74 29.45	52.77 2.03 1.33
SPIERFLS_115KV_TB 1 80737	33.67 1.37 0.00	31.32 1.26 0.00	28.92 1.19 0.00	28.29 1.15 0.00	30.74 1.25 0.00	29.49 1.18 0.00	30.58 1.23 0.00	28.83 1.04 0.00	29.89 0.83 0.00	29.74 0.67 0.00	31.73 0.40 0.00	35.78 0.40 0.17	38.83 0.40 0.52	43.28 0.26 0.83	49.52 0.66 1.05	54.80 1.03 1.25	62.99 1.94 2.03	71.63 2.60 0.00	93.81 4.81 0.00	90.57 4.53 0.00	81.11 4.17 0.00	69.68 3.02 0.00	65.49 2.09 0.00	53.71 1.74 0.10
ST LAWRENCE____ 23600	32.49 0.20 0.00	30.27 0.21 0.00	27.94 0.22 0.00	27.40 0.26 0.00	29.74 0.25 0.00	28.54 0.22 0.00	29.63 0.27 0.00	28.10 0.31 0.00	29.46 0.40 0.00	29.58 0.51 0.00	31.73 0.41 0.00	36.10 0.55 0.00	39.56 0.61 0.00	44.40 0.55 0.00	50.32 0.41 0.00	55.23 0.21 0.00	63.16 0.08 0.00	69.02 -0.02 0.00	89.11 0.12 0.00	86.02 -0.01 0.00	74.09 0.21 3.06	60.60 0.25 6.33	63.32 0.47 0.55	52.41 0.34 0.00

STATE_CA_115KV_115_LB 55624	32.43 0.14 0.00	30.28 0.22 0.00	28.04 0.32 0.00	27.47 0.33 0.00	29.85 0.37 0.00	28.65 0.33 0.00	29.64 0.29 0.00	28.03 0.23 0.00	29.15 0.09 0.00	29.03 -0.04 0.00	31.19 -0.14 0.00	34.99 -0.40 0.15	37.92 -0.55 0.48	42.25 -0.83 0.78	48.48 -0.45 0.98	53.93 0.08 1.17	61.57 0.39 1.90	69.44 0.41 0.00	90.07 1.07 0.00	87.12 1.08 0.00	77.83 0.89 0.00	67.32 0.66 0.00	63.87 0.47 0.00	52.50 0.53 0.09
STATE_ST_34_KV_LOAD 55959	32.72 0.42 0.00	30.24 0.18 0.00	27.72 0.00 0.00	27.07 -0.07 0.00	29.41 -0.08 0.00	28.35 0.03 0.00	29.48 0.13 0.00	27.94 0.14 0.00	29.23 0.17 0.00	29.12 0.04 0.00	31.49 0.16 0.00	35.85 0.30 0.00	39.40 0.44 0.00	44.81 0.96 0.00	51.09 1.18 0.00	56.41 1.40 0.00	64.76 1.67 0.00	71.18 2.15 0.00	92.20 2.69 -0.52	88.85 2.68 -0.14	79.66 2.58 -0.13	68.95 2.09 -0.19	65.60 1.89 -0.30	53.27 1.20 0.00
STATION_5_MISC_HYD 23604	33.14 0.84 0.00	30.70 0.64 0.00	27.88 0.16 0.00	27.09 -0.05 0.00	29.37 -0.12 0.00	28.22 -0.10 0.00	29.49 0.14 0.00	28.06 0.27 0.00	29.78 0.72 0.00	30.06 0.99 0.00	32.77 1.45 0.00	37.55 2.00 0.00	41.47 2.52 0.00	47.37 3.50 -0.02	53.85 3.94 0.00	59.26 4.24 0.00	67.50 4.41 0.00	74.06 5.03 0.00	94.75 5.75 0.00	91.94 5.91 0.00	81.93 4.99 0.00	71.00 4.34 0.00	67.66 4.26 0.00	54.90 2.84 0.00
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	32.82 0.52 0.00	30.41 0.35 0.00	27.71 -0.01 0.00	26.96 -0.18 0.00	29.26 -0.23 0.00	28.12 -0.20 0.00	29.33 -0.02 0.00	27.86 0.07 0.00	29.42 0.37 0.00	29.61 0.54 0.00	32.20 0.87 0.00	36.81 1.26 0.00	40.60 1.65 0.00	46.22 2.38 0.01	52.68 2.77 0.00	58.02 3.00 0.00	66.30 3.22 0.00	72.84 3.81 0.00	93.56 4.43 -0.13	90.69 4.63 -0.03	80.96 3.98 -0.03	70.05 3.33 -0.05	66.58 3.10 -0.08	54.06 1.99 0.00
STA_56_34_KV_BUS2_REV_LBMP_B 345033	32.91 0.61 0.00	30.48 0.42 0.00	27.70 -0.02 0.00	26.92 -0.22 0.00	29.19 -0.30 0.00	28.05 -0.27 0.00	29.29 -0.06 0.00	27.87 0.08 0.00	29.56 0.50 0.00	29.84 0.76 0.00	32.52 1.20 0.00	37.23 1.69 0.00	41.15 2.20 0.00	47.00 3.09 -0.06	53.41 3.50 0.00	58.78 3.77 0.00	67.01 3.93 0.00	73.52 4.49 0.00	94.12 5.12 0.00	91.30 5.26 0.00	81.34 4.40 0.00	70.44 3.77 0.00	67.08 3.68 0.00	54.46 2.39 0.00
STA_56___34_KV_BUS2 355983	32.91 0.61 0.00	30.48 0.42 0.00	27.70 -0.02 0.00	26.92 -0.22 0.00	29.19 -0.30 0.00	28.05 -0.27 0.00	29.29 -0.06 0.00	27.87 0.08 0.00	29.56 0.50 0.00	29.84 0.76 0.00	32.52 1.20 0.00	37.23 1.69 0.00	41.15 2.20 0.00	47.00 3.09 -0.06	53.41 3.50 0.00	58.78 3.77 0.00	67.01 3.93 0.00	73.52 4.49 0.00	94.12 5.12 0.00	91.30 5.26 0.00	81.34 4.40 0.00	70.44 3.77 0.00	67.08 3.68 0.00	54.46 2.39 0.00
STA_67___115KV_BK2 355882	33.05 0.75 0.00	30.61 0.56 0.00	27.80 0.08 0.00	27.03 -0.11 0.00	29.30 -0.19 0.00	28.14 -0.18 0.00	29.42 0.07 0.00	27.99 0.20 0.00	29.70 0.64 0.00	29.98 0.90 0.00	32.68 1.35 0.00	37.41 1.87 0.00	41.32 2.37 0.00	47.17 3.30 -0.02	53.62 3.71 0.00	59.00 3.98 0.00	67.21 4.13 0.00	73.72 4.69 0.00	94.33 5.33 0.00	91.55 5.52 0.00	81.61 4.67 0.00	70.72 4.05 0.00	67.41 4.01 0.00	54.72 2.66 0.00
STA_7___115KV_9TRANS 80674	33.38 1.08 0.00	30.90 0.85 0.00	28.05 0.33 0.00	27.25 0.11 0.00	29.54 0.05 0.00	28.38 0.06 0.00	29.66 0.31 0.00	28.22 0.43 0.00	29.95 0.89 0.00	30.26 1.18 0.00	33.00 1.68 0.00	37.84 2.30 0.00	41.84 2.88 0.00	47.80 3.93 -0.02	54.35 4.44 0.00	59.82 4.81 0.00	68.17 5.09 0.00	74.84 5.80 0.00	95.74 6.74 0.00	92.88 6.85 0.00	82.71 5.76 0.00	71.63 4.96 0.00	68.22 4.81 0.00	55.33 3.26 0.00
STA_82___115KV_TB1 80780	33.06 0.76 0.00	30.62 0.57 0.00	27.82 0.10 0.00	27.03 -0.11 0.00	29.31 -0.18 0.00	28.15 -0.17 0.00	29.43 0.07 0.00	27.99 0.20 0.00	29.71 0.65 0.00	29.98 0.91 0.00	32.68 1.35 0.00	37.41 1.87 0.00	41.32 2.37 0.00	47.18 3.31 -0.02	53.62 3.71 0.00	59.00 3.98 0.00	67.22 4.14 0.00	73.74 4.71 0.00	94.36 5.37 0.00	91.59 5.55 0.00	81.65 4.70 0.00	70.75 4.09 0.00	67.43 4.03 0.00	54.75 2.68 0.00
STEEL___WIND 323596	33.14 0.84 0.00	30.64 0.58 0.00	27.62 -0.10 0.00	26.77 -0.37 0.00	29.00 -0.49 0.00	27.90 -0.41 0.00	29.34 0.00 0.00	28.00 0.21 0.00	30.01 0.95 0.00	30.35 1.27 0.00	33.24 1.91 0.00	38.13 2.59 0.00	42.09 3.14 0.00	48.31 4.46 -0.01	54.84 4.93 0.00	60.25 5.23 0.00	68.31 5.23 0.00	74.97 5.93 0.00	95.29 6.29 0.00	92.71 6.67 0.00	82.77 5.82 0.00	71.91 5.24 0.00	68.81 5.41 0.00	55.70 3.63 0.00
STEPHTWN_115KV_BK_2 55603	32.50 0.20 0.00	30.28 0.23 0.00	28.05 0.33 0.00	27.46 0.33 0.00	29.87 0.38 0.00	28.66 0.34 0.00	29.68 0.33 0.00	28.05 0.26 0.00	29.17 0.11 0.00	29.12 0.04 0.00	31.24 -0.08 0.00	35.01 -0.38 0.15	37.96 -0.52 0.47	42.28 -0.82 0.75	48.57 -0.39 0.95	53.95 0.07 1.13	61.66 0.42 1.85	69.57 0.54 0.00	90.21 1.21 0.00	86.85 0.82 0.00	77.63 0.68 0.00	67.09 0.42 0.00	63.67 0.27 0.00	52.30 0.33 0.09
STEUBEN_REC_LFGE 323667	32.55 0.25 0.00	30.27 0.21 0.00	27.46 -0.26 0.00	26.73 -0.41 0.00	29.02 -0.47 0.00	28.02 -0.30 0.00	29.39 0.04 0.00	27.90 0.11 0.00	29.60 0.54 0.00	29.76 0.68 0.00	32.40 1.07 0.00	37.07 1.53 0.00	40.79 1.83 0.00	46.55 2.70 0.00	53.11 3.20 0.00	58.47 3.45 0.00	66.86 3.78 0.00	73.66 4.62 0.00	94.56 5.38 -0.18	92.49 6.41 -0.05	82.61 5.61 -0.05	71.30 4.57 -0.07	67.60 4.09 -0.11	54.38 2.31 0.00
STILLWATER___SOLAR 323814	33.42 1.13 0.00	31.14 1.08 0.00	28.81 1.09 0.00	28.19 1.05 0.00	30.64 1.15 0.00	29.40 1.08 0.00	30.47 1.12 0.00	28.76 0.97 0.00	29.83 0.77 0.00	29.67 0.59 0.00	31.78 0.46 0.00	35.73 0.37 0.18	38.73 0.34 0.57	43.23 0.29 0.91	49.29 0.54 1.15	54.51 0.87 1.37	62.35 1.51 2.24	71.04 2.01 0.00	92.46 3.46 0.00	89.34 3.31 0.00	79.85 2.91 0.00	68.85 2.18 0.00	65.11 1.71 0.00	53.41 1.45 0.11
STONY___BROOK 24151	32.98 0.69 0.00	30.76 0.71 0.00	28.27 0.55 0.00	27.55 0.41 0.00	29.77 0.28 0.00	28.56 0.24 0.00	29.66 0.31 0.00	28.05 0.26 0.00	29.38 0.32 0.00	29.56 0.48 0.00	32.24 0.92 0.00	36.51 0.79 -0.17	40.17 0.68 -0.54	44.98 0.25 -0.87	36.47 0.09 13.52	29.73 0.32 25.61	51.93 0.81 11.96	67.95 0.67 1.75	42.32 -0.66 46.01	40.96 -0.43 44.64	29.12 -0.84 46.98	28.74 -0.70 37.23	33.24 -0.85 29.31	50.35 -0.40 1.32
STURGEON_POOL_HYD 23609	32.83 0.54 0.00	30.54 0.49 0.00	28.18 0.46 0.00	27.56 0.42 0.00	29.88 0.39 0.00	28.71 0.39 0.00	29.73 0.38 0.00	28.18 0.39 0.00	29.45 0.39 0.00	29.47 0.39 0.00	31.83 0.51 0.00	36.17 0.54 -0.08	39.82 0.61 -0.26	44.87 0.60 -0.42	51.01 0.57 -0.53	56.37 0.72 -0.63	64.99 0.88 -1.03	69.86 0.82 0.00	89.54 0.55 0.00	86.28 0.25 0.00	76.94 0.00 0.00	66.66 -0.01 0.00	63.30 -0.10 0.00	52.29 0.17 -0.06

ST_LAW_115_BK7_LBMP 345037	32.54 0.24 0.00	30.31 0.25 0.00	27.98 0.25 0.00	27.44 0.30 0.00	29.78 0.29 0.00	28.58 0.26 0.00	29.68 0.32 0.00	28.14 0.35 0.00	29.50 0.44 0.00	29.62 0.55 0.00	31.77 0.45 0.00	36.14 0.59 0.00	39.60 0.66 0.00	44.44 0.59 0.00	50.33 0.42 0.00	55.24 0.22 0.00	63.16 0.08 0.00	69.02 -0.01 0.00	89.10 0.11 0.00	85.99 -0.04 0.00	73.47 0.23 3.71	58.82 0.29 8.15	63.40 0.55 0.55	52.49 0.42 0.00
ST_LAW_115_BK8_LBMP 345038	32.54 0.24 0.00	30.31 0.25 0.00	27.98 0.25 0.00	27.44 0.30 0.00	29.78 0.29 0.00	28.58 0.26 0.00	29.68 0.32 0.00	28.14 0.35 0.00	29.50 0.44 0.00	29.62 0.55 0.00	31.77 0.45 0.00	36.14 0.59 0.00	39.60 0.66 0.00	44.44 0.59 0.00	50.33 0.42 0.00	55.24 0.22 0.00	63.16 0.08 0.00	69.02 -0.01 0.00	89.10 0.11 0.00	85.99 -0.04 0.00	73.47 0.23 3.71	58.82 0.29 8.15	63.40 0.55 0.55	52.49 0.42 0.00
ST_LAW_230_BK5_LBMP 345035	32.49 0.20 0.00	30.27 0.21 0.00	27.94 0.22 0.00	27.40 0.26 0.00	29.74 0.25 0.00	28.54 0.22 0.00	29.63 0.27 0.00	28.10 0.31 0.00	29.46 0.40 0.00	29.58 0.51 0.00	31.73 0.41 0.00	36.10 0.55 0.00	39.56 0.61 0.00	44.40 0.55 0.00	50.32 0.41 0.00	55.23 0.21 0.00	63.16 0.08 0.00	69.02 -0.02 0.00	89.11 0.12 0.00	86.02 -0.01 0.00	74.52 0.21 2.63	61.75 0.25 5.17	63.32 0.47 0.55	52.41 0.34 0.00
ST_LAW_230_BK6_LBMP 345036	32.49 0.20 0.00	30.27 0.21 0.00	27.94 0.22 0.00	27.40 0.26 0.00	29.74 0.25 0.00	28.54 0.22 0.00	29.63 0.27 0.00	28.10 0.31 0.00	29.46 0.40 0.00	29.58 0.51 0.00	31.73 0.41 0.00	36.10 0.55 0.00	39.56 0.61 0.00	44.40 0.55 0.00	50.32 0.41 0.00	55.23 0.21 0.00	63.16 0.08 0.00	69.02 -0.02 0.00	89.11 0.12 0.00	86.02 -0.01 0.00	74.52 0.21 2.63	61.75 0.25 5.17	63.32 0.47 0.55	52.41 0.34 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	32.86 0.56 0.00	30.58 0.52 0.00	28.20 0.47 0.00	27.56 0.42 0.00	29.86 0.37 0.00	28.69 0.38 0.00	29.74 0.39 0.00	28.18 0.39 0.00	29.43 0.36 0.00	29.48 0.40 0.00	31.83 0.50 0.00	36.20 0.51 -0.15	39.91 0.49 -0.47	45.03 0.42 -0.75	51.32 0.46 -0.95	56.77 0.63 -1.13	65.74 0.82 -1.84	69.77 0.74 0.00	89.46 0.46 0.00	86.29 0.26 0.00	76.93 -0.02 0.00	66.64 -0.03 0.00	63.27 -0.13 0.00	52.35 0.19 -0.10
SWANROAD_115KV_TB1 355699	32.68 0.38 0.00	30.29 0.23 0.00	27.23 -0.49 0.00	26.36 -0.78 0.00	28.61 -0.88 0.00	27.50 -0.82 0.00	28.93 -0.42 0.00	27.63 -0.16 0.00	29.63 0.57 0.00	29.99 0.92 0.00	32.74 1.41 0.00	37.45 1.90 0.00	41.37 2.42 0.00	47.58 3.72 -0.01	53.89 3.98 0.00	59.08 4.06 0.00	66.79 3.71 0.00	73.25 4.22 0.00	92.95 3.95 0.00	90.50 4.47 0.00	81.01 4.07 0.00	70.52 3.85 0.00	67.74 4.34 0.00	54.83 2.76 0.00
SYNERGY___BIOGAS 323694	34.01 1.71 0.00	31.44 1.39 0.00	28.36 0.64 0.00	27.46 0.32 0.00	29.79 0.30 0.00	28.63 0.31 0.00	30.04 0.68 0.00	28.63 0.84 0.00	30.49 1.43 0.00	30.69 1.61 0.00	33.45 2.12 0.00	38.27 2.72 0.00	42.28 3.33 0.00	48.68 4.82 -0.02	55.27 5.36 0.00	60.78 5.77 0.00	69.18 6.10 0.00	76.02 6.99 0.00	97.35 8.36 0.00	95.09 9.06 0.00	85.01 8.06 0.00	73.72 7.05 0.00	70.38 6.98 0.00	56.84 4.78 0.00
SYRACUSE___ENERGY_ST1 323597	32.25 -0.05 0.00	29.91 -0.15 0.00	27.47 -0.26 0.00	26.84 -0.30 0.00	29.17 -0.32 0.00	28.04 -0.28 0.00	29.12 -0.24 0.00	27.57 -0.22 0.00	28.86 -0.20 0.00	28.87 -0.21 0.00	31.24 -0.09 0.00	35.54 -0.01 0.00	39.05 0.10 0.00	44.22 0.37 0.00	50.44 0.53 0.00	55.67 0.65 0.00	63.87 0.79 0.00	70.10 1.07 0.00	90.89 1.28 -0.62	87.59 1.39 -0.16	78.57 1.14 -0.49	68.03 0.85 -0.52	64.60 0.66 -0.53	52.40 0.33 0.00
SYRACUSE___ENERGY_ST2 323598	32.25 -0.05 0.00	29.91 -0.15 0.00	27.47 -0.26 0.00	26.84 -0.30 0.00	29.17 -0.32 0.00	28.04 -0.28 0.00	29.12 -0.24 0.00	27.57 -0.22 0.00	28.86 -0.20 0.00	28.87 -0.21 0.00	31.24 -0.09 0.00	35.54 -0.01 0.00	39.05 0.10 0.00	44.22 0.37 0.00	50.44 0.53 0.00	55.67 0.65 0.00	63.87 0.79 0.00	70.10 1.07 0.00	90.89 1.28 -0.62	87.59 1.39 -0.16	78.57 1.14 -0.49	68.03 0.85 -0.52	64.60 0.66 -0.53	52.40 0.33 0.00
SYRACUSE___POWER 24017	32.20 -0.10 0.00	29.88 -0.17 0.00	27.44 -0.28 0.00	26.82 -0.32 0.00	29.15 -0.33 0.00	28.03 -0.29 0.00	29.10 -0.26 0.00	27.55 -0.24 0.00	28.84 -0.22 0.00	28.85 -0.23 0.00	31.22 -0.10 0.00	35.50 -0.04 0.00	39.02 0.07 0.00	44.16 0.31 0.00	50.37 0.46 0.00	55.62 0.60 0.00	63.83 0.75 0.00	70.05 1.02 0.00	90.64 1.23 -0.41	87.54 1.41 -0.11	78.48 1.08 -0.45	67.95 0.83 -0.46	64.42 0.60 -0.42	52.35 0.28 0.00
TALLMAN_138KV_BK151 55660	32.96 0.65 0.00	30.66 0.60 0.00	28.25 0.53 0.00	27.61 0.48 0.00	29.89 0.40 0.00	28.73 0.41 0.00	29.80 0.45 0.00	28.24 0.45 0.00	29.52 0.46 0.00	29.59 0.52 0.00	31.99 0.66 0.00	36.39 0.68 -0.16	40.09 0.64 -0.50	45.24 0.59 -0.80	51.52 0.60 -1.02	57.03 0.80 -1.21	66.04 0.99 -1.97	69.85 0.82 0.00	89.41 0.41 0.00	86.22 0.19 0.00	76.85 -0.09 0.00	66.59 -0.07 0.00	63.24 -0.16 0.00	52.41 0.24 -0.10
TEALLAVE_115KV_TB7 355573	32.02 -0.28 0.00	29.71 -0.35 0.00	27.28 -0.44 0.00	26.65 -0.49 0.00	28.98 -0.51 0.00	27.87 -0.45 0.00	28.94 -0.41 0.00	27.41 -0.38 0.00	28.70 -0.36 0.00	28.73 -0.34 0.00	31.10 -0.22 0.00	35.36 -0.19 0.00	38.85 -0.10 0.00	43.96 0.11 0.00	50.15 0.24 0.00	55.34 0.32 0.00	63.48 0.40 0.00	69.67 0.63 0.00	90.04 0.70 -0.34	86.96 0.84 -0.09	78.03 0.60 -0.49	67.54 0.39 -0.48	64.02 0.22 -0.40	52.03 -0.04 0.00
TELGRAPH_34_KV_EAST 80808	33.31 1.01 0.00	30.84 0.78 0.00	27.77 0.05 0.00	26.90 -0.24 0.00	29.18 -0.31 0.00	28.04 -0.28 0.00	29.46 0.11 0.00	28.11 0.32 0.00	30.07 1.01 0.00	30.37 1.30 0.00	33.14 1.82 0.00	37.92 2.38 0.00	41.88 2.93 0.00	48.18 4.32 -0.01	54.62 4.71 0.00	59.99 4.97 0.00	68.01 4.93 0.00	74.62 5.59 0.00	95.01 6.01 0.00	92.58 6.54 0.00	82.79 5.84 0.00	71.93 5.27 0.00	68.90 5.50 0.00	55.72 3.65 0.00
TEMPLE___115KV_TB 2 55572	32.02 -0.27 0.00	29.73 -0.33 0.00	27.30 -0.42 0.00	26.66 -0.48 0.00	29.00 -0.49 0.00	27.88 -0.43 0.00	28.94 -0.41 0.00	27.42 -0.37 0.00	28.72 -0.34 0.00	28.75 -0.33 0.00	31.12 -0.21 0.00	35.39 -0.16 0.00	38.88 -0.07 0.00	44.00 0.15 0.00	50.18 0.27 0.00	55.38 0.36 0.00	63.54 0.45 0.00	69.71 0.67 0.00	90.10 0.76 -0.34	87.02 0.90 -0.09	78.04 0.62 -0.48	67.57 0.43 -0.47	64.04 0.24 -0.40	52.04 -0.02 0.00
TIANA___69_KV_BK 1 55817	33.18 0.89 0.00	30.89 0.84 0.00	28.37 0.64 0.00	27.64 0.49 0.00	29.85 0.37 0.00	28.63 0.31 0.00	29.75 0.39 0.00	28.15 0.36 0.00	29.52 0.46 0.00	29.72 0.64 0.00	32.44 1.12 0.00	36.72 1.00 -0.17	40.41 0.91 -0.54	45.28 0.56 -0.87	36.91 0.59 13.59	30.24 0.96 25.73	52.82 1.76 12.03	68.94 1.67 1.76	43.61 0.85 46.23	41.82 0.64 44.86	29.77 0.03 47.21	29.62 0.36 37.41	34.12 0.17 29.45	50.78 0.04 1.33

TILDEN___115KV_TB1 80814	32.20 -0.10 0.00	29.88 -0.17 0.00	27.44 -0.28 0.00	26.82 -0.32 0.00	29.15 -0.33 0.00	28.03 -0.29 0.00	29.10 -0.26 0.00	27.55 -0.24 0.00	28.84 -0.22 0.00	28.85 -0.23 0.00	31.22 -0.10 0.00	35.50 -0.04 0.00	39.02 0.07 0.00	44.16 0.31 0.00	50.37 0.46 0.00	55.62 0.60 0.00	63.83 0.75 0.00	70.05 1.02 0.00	90.64 1.23 -0.41	87.54 1.41 -0.11	78.48 1.08 -0.45	67.95 0.83 -0.46	64.42 0.60 -0.42	52.35 0.28 0.00
TRIGEN___CC 323695	32.99 0.69 0.00	30.73 0.67 0.00	28.31 0.59 0.00	27.63 0.49 0.00	29.90 0.41 0.00	28.70 0.38 0.00	29.79 0.44 0.00	28.20 0.41 0.00	29.51 0.45 0.00	29.64 0.56 0.00	32.20 0.87 0.00	36.53 0.81 -0.17	40.26 0.77 -0.54	45.18 0.46 -0.87	49.00 0.30 1.20	52.48 0.39 2.94	63.58 0.58 0.08	69.12 0.50 0.41	80.81 -0.26 7.92	78.47 -0.51 7.05	68.79 -0.73 7.42	60.15 -0.64 5.88	58.04 -0.73 4.63	51.91 -0.04 0.11
TRINITY___115KV___4 BK 55933	32.27 -0.03 0.00	30.14 0.08 0.00	27.93 0.21 0.00	27.36 0.22 0.00	29.74 0.25 0.00	28.55 0.23 0.00	29.52 0.17 0.00	27.91 0.12 0.00	29.03 -0.03 0.00	28.91 -0.17 0.00	31.03 -0.29 0.00	34.80 -0.59 0.15	37.71 -0.77 0.47	41.99 -1.11 0.76	48.16 -0.79 0.96	53.57 -0.30 1.14	61.13 -0.09 1.86	68.89 -0.13 0.00	89.37 0.37 0.00	86.46 0.42 0.00	77.27 0.32 0.00	66.85 0.18 0.00	63.45 0.04 0.00	52.20 0.22 0.09
UNION___PROCESSING_DRP 323587	33.06 0.76 0.00	30.63 0.57 0.00	27.82 0.10 0.00	27.03 -0.11 0.00	29.31 -0.18 0.00	28.16 -0.16 0.00	29.43 0.08 0.00	28.00 0.21 0.00	29.71 0.65 0.00	29.99 0.91 0.00	32.68 1.35 0.00	37.41 1.87 0.00	41.32 2.37 0.00	47.19 3.32 -0.02	53.65 3.74 0.00	59.03 4.01 0.00	67.23 4.16 0.00	73.78 4.74 0.00	94.39 5.40 0.00	91.62 5.59 0.00	81.69 4.74 0.00	70.78 4.11 0.00	67.47 4.07 0.00	54.76 2.70 0.00
UPPER HUDSON___HYD 24058	33.66 1.36 0.00	31.31 1.26 0.00	28.92 1.19 0.00	28.29 1.15 0.00	30.74 1.25 0.00	29.49 1.18 0.00	30.58 1.23 0.00	28.83 1.04 0.00	29.89 0.83 0.00	29.74 0.67 0.00	31.73 0.40 0.00	35.78 0.40 0.17	38.83 0.40 0.52	43.28 0.26 0.83	49.52 0.66 1.05	54.80 1.03 1.25	62.99 1.94 2.03	71.63 2.60 0.00	93.80 4.80 0.00	90.56 4.53 0.00	81.10 4.16 0.00	69.68 3.02 0.00	65.49 2.09 0.00	53.71 1.74 0.10
UPPER RAQUET___HYD 24056	33.44 1.14 0.00	31.09 1.03 0.00	28.62 0.90 0.00	28.08 0.93 0.00	30.43 0.94 0.00	29.24 0.92 0.00	30.38 1.03 0.00	28.79 1.00 0.00	30.17 1.11 0.00	30.35 1.28 0.00	32.44 1.12 0.00	36.83 1.28 0.00	40.33 1.39 0.00	45.27 1.42 0.00	51.36 1.45 0.00	56.22 1.20 0.00	64.23 1.14 0.00	70.34 1.30 0.00	90.95 1.86 -0.10	88.22 2.16 -0.03	113.14 2.88 -33.32	134.71 2.51 -65.53	73.12 2.68 -7.03	54.10 2.03 0.00
VALLEY44_115KV_TB2 355964	32.67 0.38 0.00	30.27 0.21 0.00	27.49 -0.23 0.00	26.78 -0.37 0.00	29.00 -0.49 0.00	27.86 -0.46 0.00	29.31 -0.04 0.00	27.88 0.09 0.00	29.75 0.69 0.00	30.05 0.97 0.00	32.87 1.55 0.00	37.72 2.17 0.00	41.37 2.42 0.00	47.08 3.22 -0.01	53.66 3.75 0.00	58.99 3.98 0.00	66.99 3.91 0.00	73.22 4.19 0.00	92.91 3.91 0.00	90.55 4.52 0.00	80.85 3.91 0.00	70.21 3.54 0.00	66.91 3.51 0.00	54.34 2.27 0.00
VALLEY___115KV_TB 1-4 80826	32.85 0.55 0.00	30.57 0.52 0.00	28.27 0.55 0.00	27.67 0.53 0.00	30.07 0.58 0.00	28.86 0.54 0.00	29.81 0.46 0.00	28.11 0.32 0.00	29.00 -0.06 0.00	28.74 -0.33 0.00	30.88 -0.45 0.00	34.86 -0.68 0.00	38.22 -0.73 0.00	43.00 -0.85 0.00	49.21 -0.70 0.00	54.62 -0.40 0.00	62.92 -0.16 0.00	69.33 0.30 0.00	90.38 1.38 0.00	87.96 1.93 0.00	78.65 1.71 0.00	67.89 1.23 0.00	64.25 0.85 0.00	52.78 0.71 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	33.28 0.98 0.00	30.92 0.87 0.00	28.51 0.79 0.00	27.89 0.75 0.00	30.40 0.91 0.00	29.17 0.85 0.00	30.19 0.83 0.00	28.55 0.76 0.00	29.89 0.83 0.00	29.88 0.81 0.00	32.32 1.00 0.00	36.72 1.17 0.00	40.22 1.27 0.00	45.36 1.51 0.00	51.69 1.78 0.00	57.06 2.04 0.00	65.60 2.52 0.00	71.77 2.73 0.00	92.38 3.26 -0.12	89.06 3.00 -0.03	79.47 2.50 -0.03	68.92 2.21 -0.04	65.48 2.01 -0.07	53.62 1.56 0.00
VISCHER___FERRY HYD 24020	32.86 0.56 0.00	30.69 0.63 0.00	28.45 0.73 0.00	27.86 0.72 0.00	30.27 0.77 0.00	29.05 0.73 0.00	30.08 0.73 0.00	28.44 0.65 0.00	29.52 0.46 0.00	29.38 0.30 0.00	31.50 0.17 0.00	35.26 -0.07 0.22	38.11 -0.15 0.69	42.42 -0.31 1.11	48.36 -0.14 1.41	53.38 0.04 1.68	60.72 0.37 2.73	69.55 0.52 0.00	90.28 1.28 0.00	87.19 1.16 0.00	77.93 0.99 0.00	67.31 0.64 0.00	63.83 0.42 0.00	52.45 0.51 0.13
V_A_10_SYNC_DSASP 323832	32.77 0.47 0.00	30.38 0.32 0.00	27.48 -0.24 0.00	26.65 -0.48 0.00	28.90 -0.59 0.00	27.76 -0.56 0.00	29.13 -0.22 0.00	27.77 -0.02 0.00	29.66 0.60 0.00	29.99 0.91 0.00	32.73 1.41 0.00	37.46 1.92 0.00	41.32 2.37 0.00	47.27 3.41 -0.01	53.63 3.72 0.00	58.88 3.86 0.00	66.79 3.71 0.00	73.16 4.13 0.00	93.13 4.13 0.00	90.49 4.46 0.00	80.79 3.85 0.00	70.24 3.58 0.00	67.27 3.86 0.00	54.58 2.51 0.00
V_CMM_10_SYNC_DSASP 323787	32.71 0.41 0.00	30.47 0.42 0.00	28.12 0.40 0.00	27.58 0.44 0.00	29.93 0.44 0.00	28.72 0.40 0.00	29.82 0.47 0.00	28.28 0.49 0.00	29.66 0.60 0.00	29.79 0.71 0.00	31.95 0.62 0.00	36.34 0.79 0.00	39.81 0.86 0.00	44.68 0.83 0.00	50.63 0.72 0.00	55.52 0.50 0.00	63.48 0.40 0.00	69.38 0.34 0.00	89.56 0.57 0.00	86.41 0.38 0.00	73.65 0.41 3.71	59.13 0.61 8.15	63.74 0.89 0.55	52.77 0.70 0.00
V_CMP_10_SYNC_DSASP 323788	32.98 0.68 0.00	30.82 0.77 0.00	28.40 0.68 0.00	27.83 0.69 0.00	30.19 0.70 0.00	29.00 0.68 0.00	30.11 0.76 0.00	28.62 0.83 0.00	29.99 0.93 0.00	30.18 1.11 0.00	32.42 1.09 0.00	36.82 1.28 0.00	40.33 1.38 0.00	45.12 1.27 0.00	50.98 1.07 0.00	55.73 0.72 0.00	63.80 0.71 0.00	69.64 0.61 0.00	90.35 1.35 0.00	87.18 1.14 0.00	77.04 1.27 1.18	68.87 0.64 -1.55	62.76 0.63 1.28	52.62 0.55 0.00
V_D_10_SYNC_DSASP 323841	33.05 0.75 0.00	30.78 0.73 0.00	28.39 0.67 0.00	27.85 0.71 0.00	30.22 0.73 0.00	29.00 0.69 0.00	30.12 0.76 0.00	28.56 0.77 0.00	29.95 0.88 0.00	30.08 1.01 0.00	32.23 0.91 0.00	36.66 1.12 0.00	40.17 1.22 0.00	45.09 1.23 0.00	51.08 1.17 0.00	56.02 1.01 0.00	64.03 0.95 0.00	70.01 0.97 0.00	90.14 1.14 0.00	87.04 1.01 0.00	105.55 1.50 -27.10	144.70 1.33 -76.70	64.50 1.64 0.55	53.35 1.28 0.00
V_E_10_SYNC_DSASP 323830	34.35 2.05 0.00	31.79 1.74 0.00	29.19 1.47 0.00	28.61 1.47 0.00	31.08 1.59 0.00	29.92 1.60 0.00	31.11 1.76 0.00	29.40 1.61 0.00	30.70 1.64 0.00	30.51 1.44 0.00	32.99 1.66 0.00	37.61 2.07 0.00	41.26 2.31 0.00	46.79 2.94 0.00	53.41 3.50 0.00	59.08 4.06 0.00	68.25 5.17 0.00	75.32 6.29 0.00	97.78 8.53 -0.26	95.36 9.26 -0.07	85.22 8.21 -0.06	73.45 6.69 -0.09	69.35 5.80 -0.15	56.17 4.10 0.00

V_F_30_NSYNC___DSASP 323816	33.46 1.16 0.00	31.17 1.11 0.00	28.83 1.10 0.00	28.21 1.08 0.00	30.66 1.17 0.00	29.42 1.10 0.00	30.50 1.14 0.00	28.79 1.01 0.00	29.88 0.82 0.00	29.73 0.66 0.00	31.87 0.55 0.00	35.85 0.49 0.17	38.88 0.47 0.54	43.42 0.45 0.87	49.53 0.73 1.11	54.76 1.07 1.32	62.65 1.72 2.14	71.25 2.22 0.00	92.66 3.66 0.00	89.55 3.52 0.00	79.97 3.03 0.00	68.97 2.30 0.00	65.24 1.83 0.00	53.51 1.55 0.10
V_F_30_SYNC_DSASP 323786	32.43 0.13 0.00	30.27 0.22 0.00	28.04 0.32 0.00	27.47 0.33 0.00	29.85 0.36 0.00	28.65 0.33 0.00	29.64 0.29 0.00	28.03 0.23 0.00	29.15 0.09 0.00	29.03 -0.04 0.00	31.19 -0.14 0.00	34.99 -0.40 0.15	37.92 -0.55 0.48	42.24 -0.83 0.77	48.48 -0.45 0.98	53.93 0.08 1.16	61.56 0.37 1.90	69.44 0.41 0.00	90.06 1.06 0.00	87.12 1.08 0.00	77.83 0.88 0.00	67.31 0.64 0.00	63.87 0.47 0.00	52.50 0.52 0.09
V_XM_10_SYNC_DSASP 323789	32.98 0.68 0.00	30.82 0.77 0.00	28.40 0.68 0.00	27.83 0.69 0.00	30.19 0.70 0.00	29.00 0.68 0.00	30.11 0.76 0.00	28.62 0.83 0.00	29.99 0.93 0.00	30.18 1.11 0.00	32.42 1.09 0.00	36.82 1.28 0.00	40.33 1.38 0.00	45.12 1.27 0.00	50.98 1.07 0.00	55.73 0.72 0.00	63.80 0.71 0.00	69.64 0.61 0.00	90.35 1.35 0.00	87.18 1.14 0.00	77.04 1.27 1.18	68.87 0.64 -1.55	62.76 0.63 1.28	52.62 0.55 0.00
W.BABYLN_69_KV_BK1 56697	33.32 1.03 0.00	31.07 1.02 0.00	28.55 0.83 0.00	27.84 0.69 0.00	30.10 0.61 0.00	28.86 0.55 0.00	29.97 0.62 0.00	28.35 0.56 0.00	29.69 0.64 0.00	29.84 0.76 0.00	32.50 1.18 0.00	36.86 1.14 -0.17	40.61 1.11 -0.54	45.45 0.73 -0.87	38.66 0.50 11.75	33.36 0.68 22.34	53.85 1.02 10.25	68.47 0.99 1.55	48.75 0.25 40.50	46.87 0.07 39.23	35.48 -0.18 41.29	33.77 -0.18 32.71	37.45 -0.19 25.75	51.23 0.31 1.15
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	33.14 0.84 0.00	30.84 0.78 0.00	28.42 0.70 0.00	27.78 0.63 0.00	30.06 0.58 0.00	28.90 0.58 0.00	29.97 0.62 0.00	28.41 0.62 0.00	29.70 0.64 0.00	29.77 0.70 0.00	32.19 0.86 0.00	36.61 0.91 -0.16	40.37 0.91 -0.51	45.57 0.90 -0.82	51.93 0.99 -1.04	57.47 1.22 -1.23	66.59 1.50 -2.01	70.44 1.40 0.00	90.16 1.16 0.00	86.91 0.88 0.00	77.45 0.50 0.00	67.07 0.40 0.00	63.68 0.27 0.00	52.73 0.56 -0.10
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	33.16 0.86 0.00	30.84 0.79 0.00	28.45 0.73 0.00	27.80 0.66 0.00	30.07 0.58 0.00	28.90 0.58 0.00	29.97 0.62 0.00	28.45 0.66 0.00	29.74 0.67 0.00	29.83 0.75 0.00	32.21 0.88 0.00	36.65 0.93 -0.17	40.42 0.93 -0.54	45.60 0.87 -0.87	51.90 0.89 -1.11	57.32 0.98 -1.32	66.36 1.13 -2.14	69.97 0.94 0.00	89.62 0.63 0.00	86.34 0.31 0.00	76.92 -0.02 0.00	66.67 0.00 0.00	63.35 -0.05 0.00	52.61 0.43 -0.11
W50THST__13_KV_LOAD 356117	33.35 1.05 0.00	31.02 0.96 0.00	28.61 0.89 0.00	27.95 0.81 0.00	30.23 0.74 0.00	29.06 0.74 0.00	30.14 0.79 0.00	28.62 0.83 0.00	29.94 0.88 0.00	30.05 0.98 0.00	32.45 1.13 0.00	36.93 1.21 -0.17	40.75 1.25 -0.54	45.96 1.23 -0.87	52.31 1.30 -1.11	57.74 1.40 -1.32	66.81 1.58 -2.14	70.42 1.39 0.00	90.20 1.20 0.00	86.90 0.87 0.00	77.40 0.45 0.00	67.07 0.40 0.00	63.75 0.34 0.00	52.97 0.79 -0.11
WADING RIVER_IC_1 23522	32.64 0.34 0.00	30.42 0.37 0.00	27.95 0.23 0.00	27.23 0.09 0.00	29.42 -0.07 0.00	28.22 -0.10 0.00	29.31 -0.05 0.00	27.72 -0.07 0.00	29.03 -0.03 0.00	29.20 0.13 0.00	31.84 0.51 0.00	36.01 0.29 -0.17	39.60 0.11 -0.54	44.36 -0.37 -0.87	35.74 -0.57 13.60	28.95 -0.32 25.75	51.51 0.46 12.03	67.35 0.07 1.76	41.52 -1.22 46.25	39.86 -1.30 44.87	28.09 -1.62 47.23	28.30 -0.94 37.43	32.91 -1.03 29.46	49.81 -0.93 1.33
WADING RIVER_IC_2 23547	32.64 0.34 0.00	30.42 0.37 0.00	27.95 0.23 0.00	27.23 0.09 0.00	29.42 -0.07 0.00	28.22 -0.10 0.00	29.31 -0.05 0.00	27.72 -0.07 0.00	29.03 -0.03 0.00	29.20 0.13 0.00	31.84 0.51 0.00	36.01 0.29 -0.17	39.60 0.11 -0.54	44.36 -0.37 -0.87	35.74 -0.57 13.60	28.95 -0.32 25.75	51.51 0.46 12.03	67.35 0.07 1.76	41.52 -1.22 46.25	39.86 -1.30 44.87	28.09 -1.62 47.23	28.30 -0.94 37.43	32.91 -1.03 29.46	49.81 -0.93 1.33
WADING RIVER_IC_3 23601	32.64 0.34 0.00	30.42 0.37 0.00	27.95 0.23 0.00	27.23 0.09 0.00	29.42 -0.07 0.00	28.22 -0.10 0.00	29.31 -0.05 0.00	27.72 -0.07 0.00	29.03 -0.03 0.00	29.20 0.13 0.00	31.84 0.51 0.00	36.01 0.29 -0.17	39.60 0.11 -0.54	44.36 -0.37 -0.87	35.74 -0.57 13.60	28.95 -0.32 25.75	51.51 0.46 12.03	67.35 0.07 1.76	41.52 -1.22 46.25	39.86 -1.30 44.87	28.09 -1.62 47.23	28.30 -0.94 37.43	32.91 -1.03 29.46	49.81 -0.93 1.33
WALDENNY_12_KV_BK2 80841	33.22 0.92 0.00	30.72 0.66 0.00	27.69 -0.03 0.00	26.83 -0.31 0.00	29.08 -0.41 0.00	27.96 -0.36 0.00	29.40 0.05 0.00	28.06 0.27 0.00	30.09 1.03 0.00	30.45 1.38 0.00	33.34 2.01 0.00	38.25 2.70 0.00	42.25 3.30 0.00	48.51 4.65 -0.01	55.08 5.17 0.00	60.50 5.48 0.00	68.58 5.50 0.00	75.27 6.24 0.00	95.63 6.63 0.00	93.01 6.98 0.00	83.05 6.10 0.00	72.13 5.46 0.00	69.03 5.63 0.00	55.85 3.79 0.00
WALDEN__HYDRO 24148	33.01 0.71 0.00	30.71 0.65 0.00	28.31 0.59 0.00	27.68 0.54 0.00	29.99 0.50 0.00	28.81 0.49 0.00	29.86 0.51 0.00	28.30 0.51 0.00	29.55 0.49 0.00	29.57 0.50 0.00	31.93 0.61 0.00	36.30 0.62 -0.14	39.99 0.62 -0.42	45.11 0.58 -0.68	51.41 0.64 -0.86	56.90 0.86 -1.03	65.86 1.11 -1.67	70.16 1.13 0.00	90.02 1.02 0.00	86.86 0.83 0.00	77.46 0.52 0.00	67.08 0.41 0.00	63.67 0.27 0.00	52.63 0.47 -0.09
WARRENSBURG____ 23737	33.67 1.37 0.00	31.32 1.26 0.00	28.92 1.19 0.00	28.29 1.15 0.00	30.74 1.25 0.00	29.49 1.18 0.00	30.58 1.23 0.00	28.83 1.04 0.00	29.89 0.83 0.00	29.74 0.67 0.00	31.73 0.40 0.00	35.78 0.40 0.17	38.83 0.40 0.52	43.28 0.26 0.83	49.52 0.66 1.05	54.80 1.03 1.25	62.99 1.94 2.03	71.63 2.60 0.00	93.81 4.81 0.00	90.57 4.53 0.00	81.11 4.17 0.00	69.68 3.02 0.00	65.49 2.09 0.00	53.71 1.74 0.10
WATERSIDE____6 8 9 23538	33.20 0.90 0.00	30.92 0.86 0.00	28.48 0.75 0.00	27.81 0.67 0.00	30.05 0.56 0.00	28.88 0.56 0.00	29.95 0.60 0.00	28.47 0.67 0.00	29.75 0.69 0.00	29.84 0.77 0.00	32.19 0.86 0.00	36.64 0.92 -0.17	40.42 0.93 -0.54	45.57 0.84 -0.87	51.82 0.80 -1.11	57.20 0.87 -1.32	66.09 0.87 -2.14	69.78 0.75 0.00	89.34 0.34 0.00	86.12 0.09 0.00	76.70 -0.25 0.00	66.50 -0.17 0.00	63.27 -0.14 0.00	52.64 0.47 -0.11
WATKINRD_115KV_LN8_ILLION 55919	32.62 0.31 0.00	30.36 0.30 0.00	28.06 0.34 0.00	27.46 0.32 0.00	29.85 0.36 0.00	28.65 0.34 0.00	29.62 0.27 0.00	27.96 0.17 0.00	28.95 -0.11 0.00	28.77 -0.31 0.00	30.93 -0.39 0.00	34.97 -0.57 0.00	38.32 -0.63 0.00	43.13 -0.72 0.00	49.29 -0.62 0.00	54.59 -0.42 0.00	62.84 -0.24 0.00	69.09 0.06 0.00	89.74 0.75 0.00	87.19 1.16 0.00	77.96 1.01 0.00	67.39 0.72 0.00	63.85 0.45 0.00	52.45 0.39 0.00

WDELAWARE___HYD 323627	32.57 0.27 0.00	30.27 0.21 0.00	27.89 0.17 0.00	27.26 0.12 0.00	29.55 0.06 0.00	28.39 0.07 0.00	29.40 0.05 0.00	27.86 0.07 0.00	29.09 0.03 0.00	29.09 0.01 0.00	31.39 0.06 0.00	35.66 0.01 -0.11	39.27 -0.01 -0.34	44.11 -0.28 -0.54	49.05 -1.54 -0.68	54.31 -1.52 -0.81	62.95 -1.45 -1.32	67.58 -1.45 0.00	86.95 -2.05 0.00	84.15 -1.88 0.00	76.92 -0.02 0.00	66.57 -0.10 0.00	63.20 -0.20 0.00	52.10 -0.03 -0.07
WEST BABYLON___IC 23714	33.32 1.03 0.00	31.07 1.02 0.00	28.55 0.83 0.00	27.84 0.69 0.00	30.10 0.61 0.00	28.86 0.55 0.00	29.97 0.62 0.00	28.35 0.56 0.00	29.69 0.64 0.00	29.84 0.76 0.00	32.50 1.18 0.00	36.86 1.14 -0.17	40.61 1.11 -0.54	45.45 0.73 -0.87	38.66 0.50 11.75	33.36 0.68 22.34	53.85 1.02 10.25	68.47 0.99 1.55	48.75 0.25 40.50	46.87 0.07 39.23	35.48 -0.18 41.29	33.77 -0.18 32.71	37.45 -0.19 25.75	51.23 0.31 1.15
WEST CANADA___HYD 24049	32.27 -0.03 0.00	30.03 -0.03 0.00	27.72 -0.01 0.00	27.14 0.00 0.00	29.49 0.00 0.00	28.32 0.00 0.00	29.33 -0.02 0.00	27.74 -0.05 0.00	28.97 -0.09 0.00	28.96 -0.12 0.00	31.20 -0.12 0.00	35.38 -0.17 0.00	38.76 -0.20 0.00	43.64 -0.21 0.00	49.72 -0.19 0.00	54.88 -0.14 0.00	62.97 -0.11 0.00	68.95 -0.09 0.00	88.96 -0.04 0.00	86.03 0.00 0.00	76.92 -0.03 0.00	66.63 -0.04 0.00	63.30 -0.11 0.00	52.00 -0.07 0.00
WESTERN_NY_WIND 24143	33.96 1.66 0.00	31.41 1.36 0.00	28.33 0.61 0.00	27.43 0.29 0.00	29.76 0.27 0.00	28.59 0.27 0.00	30.01 0.65 0.00	28.60 0.81 0.00	30.47 1.41 0.00	30.67 1.60 0.00	33.43 2.11 0.00	38.24 2.69 0.00	42.24 3.29 0.00	48.66 4.79 -0.01	55.23 5.32 0.00	60.73 5.71 0.00	69.12 6.03 0.00	75.93 6.90 0.00	97.22 8.22 0.00	94.96 8.93 0.00	84.89 7.95 0.00	73.65 6.98 0.00	70.32 6.91 0.00	56.79 4.72 0.00
WESTOVER___LESR 323668	32.41 0.11 0.00	30.10 0.04 0.00	27.64 -0.08 0.00	27.03 -0.11 0.00	29.40 -0.09 0.00	28.25 -0.07 0.00	29.36 0.01 0.00	27.75 -0.04 0.00	29.10 0.04 0.00	29.06 -0.01 0.00	31.51 0.18 0.00	35.89 0.35 0.00	39.31 0.36 0.00	44.52 0.67 0.00	50.86 0.95 0.00	56.17 1.15 0.00	64.36 1.28 0.00	70.60 1.57 0.00	90.73 1.49 -0.24	87.89 1.79 -0.06	78.49 1.49 -0.06	68.02 1.27 -0.09	64.62 1.07 -0.14	52.72 0.65 0.00
WETHRSFD_WT_PWR 323626	32.49 0.19 0.00	30.09 0.04 0.00	27.20 -0.52 0.00	26.45 -0.69 0.00	28.69 -0.80 0.00	27.62 -0.70 0.00	29.00 -0.36 0.00	27.58 -0.21 0.00	29.37 0.31 0.00	29.60 0.53 0.00	32.32 1.00 0.00	37.00 1.45 0.00	40.76 1.81 0.00	46.68 2.82 -0.01	53.10 3.19 0.00	58.39 3.38 0.00	66.50 3.42 0.00	73.01 3.98 0.00	93.09 4.10 0.00	90.99 4.96 0.00	81.42 4.48 0.00	70.62 3.95 0.00	67.39 3.99 0.00	54.57 2.51 0.00
WHAVSTOR_138KV_BK127 55557	32.88 0.58 0.00	30.61 0.55 0.00	28.23 0.50 0.00	27.59 0.45 0.00	29.86 0.37 0.00	28.70 0.38 0.00	29.77 0.42 0.00	28.21 0.42 0.00	29.48 0.42 0.00	29.54 0.47 0.00	31.92 0.59 0.00	36.29 0.58 -0.16	39.98 0.51 -0.51	45.09 0.42 -0.82	51.38 0.43 -1.04	56.83 0.58 -1.24	65.80 0.71 -2.01	69.57 0.53 0.00	89.10 0.11 0.00	85.93 -0.10 0.00	76.60 -0.34 0.00	66.37 -0.30 0.00	63.04 -0.36 0.00	52.26 0.09 -0.10
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	32.88 0.58 0.00	30.61 0.55 0.00	28.23 0.50 0.00	27.59 0.45 0.00	29.86 0.37 0.00	28.70 0.38 0.00	29.77 0.42 0.00	28.21 0.42 0.00	29.48 0.42 0.00	29.54 0.47 0.00	31.92 0.59 0.00	36.29 0.58 -0.16	39.98 0.51 -0.51	45.09 0.42 -0.82	51.38 0.43 -1.04	56.83 0.58 -1.24	65.80 0.71 -2.01	69.57 0.53 0.00	89.10 0.11 0.00	85.93 -0.10 0.00	76.60 -0.34 0.00	66.37 -0.30 0.00	63.04 -0.36 0.00	52.26 0.09 -0.10
WHITEHAL_115KV_TB1 80871	35.03 2.73 0.00	32.55 2.50 0.00	29.98 2.26 0.00	29.35 2.21 0.00	31.88 2.39 0.00	30.56 2.24 0.00	31.72 2.37 0.00	29.69 1.90 0.00	30.50 1.44 0.00	30.40 1.33 0.00	32.54 1.21 0.00	36.82 1.44 0.17	40.12 1.70 0.53	44.74 1.74 0.85	50.87 2.04 1.07	56.52 2.79 1.28	65.33 4.33 2.08	74.71 5.67 0.00	97.39 8.39 0.00	94.06 8.03 0.00	84.36 7.41 0.00	71.99 5.32 0.00	66.98 3.58 0.00	54.91 2.94 0.10
WHITEPLN_13_KV_LOAD 356215	33.41 1.11 0.00	31.03 0.97 0.00	28.66 0.93 0.00	27.94 0.80 0.00	30.24 0.75 0.00	29.05 0.73 0.00	30.13 0.78 0.00	28.64 0.85 0.00	29.95 0.89 0.00	30.03 0.95 0.00	32.38 1.06 0.00	36.86 1.14 -0.17	40.66 1.17 -0.54	45.90 1.18 -0.87	52.31 1.29 -1.10	57.85 1.52 -1.32	67.04 1.82 -2.14	70.84 1.81 0.00	90.78 1.78 0.00	87.49 1.45 0.00	77.92 0.98 0.00	67.46 0.80 0.00	64.05 0.65 0.00	53.05 0.88 -0.11
WM_FLOYD_69_KV_BK2 356380	32.95 0.66 0.00	30.71 0.65 0.00	28.21 0.49 0.00	27.48 0.34 0.00	29.70 0.21 0.00	28.49 0.17 0.00	29.59 0.24 0.00	27.98 0.19 0.00	29.30 0.24 0.00	29.45 0.38 0.00	32.10 0.78 0.00	36.29 0.57 -0.17	39.92 0.43 -0.54	44.69 -0.04 -0.87	36.20 -0.14 13.56	29.45 0.12 25.68	51.76 0.68 12.00	67.80 0.53 1.76	42.34 -0.51 46.14	40.73 -0.55 44.76	28.91 -0.92 47.11	28.77 -0.57 37.33	33.38 -0.63 29.39	50.29 -0.46 1.32
WOODARD___115KV_TB2 355635	31.97 -0.33 0.00	29.67 -0.38 0.00	27.26 -0.46 0.00	26.64 -0.50 0.00	28.96 -0.53 0.00	27.84 -0.48 0.00	28.90 -0.45 0.00	27.37 -0.42 0.00	28.66 -0.40 0.00	28.69 -0.38 0.00	31.04 -0.28 0.00	35.30 -0.25 0.00	38.77 -0.18 0.00	43.86 0.01 0.00	50.02 0.12 0.00	55.19 0.17 0.00	63.32 0.24 0.00	69.46 0.43 0.00	89.88 0.44 -0.45	86.73 0.58 -0.12	77.81 0.37 -0.50	67.40 0.23 -0.50	63.92 0.06 -0.46	51.93 -0.14 0.00
WOODMERE_69_KV_BK1 55827	33.37 1.07 0.00	31.07 1.02 0.00	28.62 0.90 0.00	27.92 0.78 0.00	30.21 0.72 0.00	28.99 0.67 0.00	30.09 0.74 0.00	28.48 0.69 0.00	29.83 0.77 0.00	29.98 0.91 0.00	32.62 1.30 0.00	37.06 1.34 -0.17	40.88 1.38 -0.54	45.91 1.19 -0.87	52.11 1.10 -1.11	57.62 1.28 -1.32	66.88 1.65 -2.14	70.56 1.71 0.18	89.35 1.23 0.87	86.93 0.90 0.00	77.40 0.45 0.00	66.98 0.31 0.00	63.49 0.09 0.00	52.83 0.65 -0.11
YORK___WARBASSE 23770	33.30 1.00 0.00	30.94 0.89 0.00	28.46 0.74 0.00	27.79 0.65 0.00	30.01 0.53 0.00	28.85 0.53 0.00	29.92 0.57 0.00	28.43 0.64 0.00	29.71 0.65 0.00	29.81 0.73 0.00	32.16 0.83 0.00	36.64 0.92 -0.17	40.43 0.94 -0.54	45.57 0.84 -0.87	51.81 0.79 -1.11	57.19 0.85 -1.32	66.09 0.86 -2.14	69.76 0.73 0.00	89.36 0.37 0.00	86.22 0.19 0.00	76.80 -0.15 0.00	66.66 -0.01 0.00	63.41 0.01 0.00	52.77 0.59 -0.11