

Day Ahead Market Generator LBMP

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

Generator Data

06/25/2023

Name	00:00	01:00	02:00	03:00	04:00	05:00	06:00	07:00	08:00	09:00	10:00	11:00	12:00	13:00	14:00	15:00	16:00	17:00	18:00	19:00	20:00	21:00	22:00	23:00
PTID	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT
59TH STREET_GT_1	31.50	27.72	28.69	27.07	25.32	25.77	23.93	24.93	27.53	28.33	30.36	31.49	35.62	38.40	40.35	41.12	49.00	54.75	55.88	54.68	55.32	44.17	36.79	32.00
24138	1.78	1.72	1.61	1.55	1.36	1.41	1.40	1.48	1.70	1.79	1.97	2.01	2.15	2.34	2.37	2.25	2.84	2.86	2.47	1.97	2.31	1.78	1.89	1.93
	0.00	0.00	-0.75	-0.03	0.00	0.00	0.00	0.00	0.00	-0.61	-0.69	-0.37	-1.42	-1.14	-3.57	-10.07	-12.69	-19.01	-21.79	-26.14	-19.58	-11.21	-2.84	-0.37
74TH STREET_GT_1	31.58	27.78	28.80	27.07	25.32	25.77	23.93	24.93	27.53	28.33	30.39	31.49	35.62	38.43	40.39	41.12	49.00	54.79	55.88	54.65	55.36	44.17	36.82	32.00
24260	1.87	1.77	1.71	1.55	1.37	1.41	1.40	1.48	1.70	1.79	1.99	2.01	2.15	2.37	2.41	2.25	2.84	2.89	2.47	1.94	2.34	1.78	1.92	1.93
	0.00	0.00	-0.75	-0.03	0.00	0.00	0.00	0.00	0.00	-0.61	-0.69	-0.37	-1.42	-1.14	-3.57	-10.07	-12.69	-19.01	-21.79	-26.14	-19.59	-11.21	-2.84	-0.37
74TH STREET_GT_2	31.58	27.78	28.80	27.07	25.32	25.77	23.93	24.93	27.53	28.33	30.39	31.49	35.62	38.43	40.39	41.12	49.00	54.79	55.88	54.65	55.36	44.17	36.82	32.00
24261	1.87	1.77	1.71	1.55	1.37	1.41	1.40	1.48	1.70	1.79	1.99	2.01	2.15	2.37	2.41	2.25	2.84	2.89	2.47	1.94	2.34	1.78	1.92	1.93
	0.00	0.00	-0.75	-0.03	0.00	0.00	0.00	0.00	0.00	-0.61	-0.69	-0.37	-1.42	-1.14	-3.57	-10.07	-12.69	-19.01	-21.79	-26.14	-19.59	-11.21	-2.84	-0.37
ADK HUDSON___FALLS	32.45	28.37	30.84	27.69	25.87	26.33	24.42	25.33	31.94	35.50	32.76	33.97	43.51	47.62	56.80	72.00	87.70	91.00	98.08	105.36	93.90	67.01	43.57	33.71
24011	2.73	2.37	2.32	2.12	1.92	1.97	1.89	1.88	2.20	2.36	2.44	2.62	2.88	3.14	2.99	2.59	3.15	2.96	3.23	2.95	3.64	3.31	3.27	2.94
	0.00	0.00	-2.19	-0.09	0.00	0.00	0.00	0.00	-3.92	-7.21	-2.63	-2.24	-8.57	-9.56	-19.39	-40.60	-51.09	-55.16	-63.23	-75.84	-56.82	-32.52	-8.24	-1.08
ADK RESOURCE___RCVRY	32.66	28.56	30.92	27.90	26.04	26.50	24.58	25.47	31.94	35.43	32.96	34.18	43.56	47.63	56.68	71.80	87.46	91.52	98.64	105.94	94.49	67.49	43.95	34.01
23798	2.94	2.55	2.40	2.32	2.08	2.14	2.05	2.02	2.40	2.57	2.66	2.88	3.14	3.46	3.30	2.85	3.48	3.29	3.57	3.27	4.04	3.68	3.62	3.24
	0.00	0.00	-2.19	-0.09	0.00	0.00	0.00	0.00	-3.71	-6.93	-2.60	-2.18	-8.36	-9.25	-18.96	-40.14	-50.51	-55.35	-63.45	-76.10	-57.02	-32.64	-8.26	-1.08
ADK S GLENS___FALLS	32.45	28.37	30.84	27.69	25.87	26.33	24.42	25.33	31.94	35.50	32.76	33.97	43.51	47.62	56.80	72.00	87.70	91.00	98.08	105.36	93.90	67.01	43.57	33.71
24028	2.73	2.37	2.32	2.12	1.92	1.97	1.89	1.88	2.20	2.36	2.44	2.62	2.88	3.14	2.99	2.59	3.15	2.96	3.23	2.95	3.64	3.31	3.27	2.94
	0.00	0.00	-2.19	-0.09	0.00	0.00	0.00	0.00	-3.92	-7.21	-2.63	-2.24	-8.57	-9.56	-19.39	-40.60	-51.09	-55.16	-63.23	-75.84	-56.82	-32.52	-8.24	-1.08
ADK_NYS___DAM	31.59	27.72	29.74	27.14	25.39	25.82	23.95	24.86	34.95	39.40	32.32	34.14	45.90	51.76	62.15	75.67	91.99	79.80	84.93	89.71	81.57	59.43	40.72	32.50
23527	1.87	1.72	1.63	1.58	1.44	1.46	1.42	1.41	1.63	1.68	1.86	1.95	2.08	2.27	2.27	2.02	2.17	2.24	2.09	1.70	2.11	1.90	1.99	1.93
	0.00	0.00	-1.77	-0.08	0.00	0.00	0.00	0.00	-7.49	-11.79	-2.77	-3.08	-11.77	-14.57	-25.46	-44.84	-56.35	-44.68	-51.22	-61.43	-46.03	-26.34	-6.67	-0.87
AIR_PRODUCTS___DRP	30.43	26.73	28.73	26.42	24.72	25.16	23.27	24.20	21.99	21.65	29.19	29.33	30.70	30.91	32.17	37.23	44.08	71.54	75.68	79.10	73.11	54.09	38.40	31.15
24190	0.71	0.73	0.90	0.87	0.77	0.80	0.74	0.75	0.75	0.80	0.78	0.82	0.90	0.94	0.93	0.84	0.94	0.92	0.79	0.64	0.80	0.65	0.71	0.71
	0.00	0.00	-1.50	-0.06	0.00	0.00	0.00	0.00	4.59	5.08	-0.72	0.60	2.26	4.95	3.17	-7.58	-9.68	-37.74	-43.27	-51.89	-38.88	-22.25	-5.63	-0.74
AKWESSNE_115KV_BK	29.45	25.80	26.12	25.46	23.98	24.38	22.53	23.50	25.83	25.85	27.56	28.91	31.73	34.61	33.97	27.97	32.46	31.73	30.55	25.70	32.43	30.74	31.71	29.37
355683	-0.27	-0.21	-0.21	-0.03	0.02	0.02	0.00	0.05	0.00	-0.08	-0.14	-0.20	-0.32	-0.31	-0.45	-0.84	-1.00	-1.15	-1.08	-0.88	-1.00	-0.44	-0.35	-0.33
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ALBANY___1	30.43	26.73	28.73	26.42	24.72	25.16	23.27	24.20	21.99	21.65	29.19	29.33	30.70	30.91	32.17	37.23	44.08	71.54	75.68	79.10	73.11	54.09	38.40	31.15
23571	0.71	0.73	0.90	0.87	0.77	0.80	0.74	0.75	0.75	0.80	0.78	0.82	0.90	0.94	0.93	0.84	0.94	0.92	0.79	0.64	0.80	0.65	0.71	0.71
	0.00	0.00	-1.50	-0.06	0.00	0.00	0.00	0.00	4.59	5.08	-0.72	0.60	2.26	4.95	3.17	-7.58	-9.68	-37.74	-43.27	-51.89	-38.88	-22.25	-5.63	-0.74
ALBANY___2	30.43	26.73	28.73	26.42	24.72	25.16	23.27	24.20	21.99	21.65	29.19	29.33	30.70	30.91	32.17	37.23	44.08	71.54	75.68	79.10	73.11	54.09	38.40	31.15
23572	0.71	0.73	0.90	0.87	0.77	0.80	0.74	0.75	0.75	0.80	0.78	0.82	0.90	0.94	0.93	0.84	0.94	0.92	0.79	0.64	0.80	0.65	0.71	0.71
	0.00	0.00	-1.50	-0.06	0.00	0.00	0.00	0.00	4.59	5.08	-0.72	0.60	2.26	4.95	3.17	-7.58	-9.68	-37.74	-43.27	-51.89	-38.88	-22.25	-5.63	-0.74
ALBANY___3	30.43	26.73	28.73	26.42	24.72	25.16	23.27	24.20	21.99	21.65	29.19	29.33	30.70	30.91	32.17	37.23	44.08	71.54	75.68	79.10	73.11	54.09	38.40	31.15
23573	0.71	0.73	0.90	0.87	0.77	0.80	0.74	0.75	0.75	0.80	0.78	0.82	0.90	0.94	0.93	0.84	0.94	0.92	0.79	0.64	0.80	0.65	0.71	0.71
	0.00	0.00	-1.50	-0.06	0.00	0.00	0.00	0.00	4.59	5.08	-0.72	0.60	2.26	4.95	3.17	-7.58	-9.68	-37.74	-43.27	-51.89	-38.88	-22.25	-5.63	-0.74

ALBANY___4 23574	30.43 0.71 0.00	26.73 0.73 0.00	28.73 0.90 -1.50	26.42 0.87 -0.06	24.72 0.77 0.00	25.16 0.80 0.00	23.27 0.74 0.00	24.20 0.75 0.00	21.99 0.75 4.59	21.65 0.80 5.08	29.19 0.78 -0.72	29.33 0.82 0.60	30.70 0.90 2.26	30.91 0.94 4.95	32.17 0.93 3.17	37.23 0.84 -7.58	44.08 0.94 -9.68	71.54 0.92 -37.74	75.68 0.79 -43.27	79.10 0.64 -51.89	73.11 0.80 -38.88	54.09 0.65 -22.25	38.40 0.71 -5.63	31.15 0.71 -0.74
ALBANY___LFGE 323615	30.69 0.98 0.00	26.97 0.96 0.00	29.09 1.05 -1.70	26.63 1.07 -0.07	24.89 0.93 0.00	25.33 0.98 0.00	23.45 0.92 0.00	24.36 0.91 0.00	22.46 0.96 4.32	22.43 1.04 4.54	29.73 1.08 -0.95	29.83 1.13 0.42	31.71 1.22 1.56	32.03 1.33 4.21	34.18 1.34 1.57	41.13 1.18 -11.14	48.96 1.34 -14.16	77.14 1.32 -42.95	82.05 1.20 -49.23	86.57 0.96 -59.05	78.87 1.20 -44.24	57.53 1.03 -25.32	39.56 1.09 -6.41	31.60 1.07 -0.84
ALCOA_PA_115KV_PL-6C 55860	29.71 0.00 0.00	26.11 0.10 0.00	26.41 0.08 0.00	25.74 0.25 0.00	24.27 0.31 0.00	24.67 0.32 0.00	22.78 0.25 0.00	23.76 0.30 0.00	26.11 0.28 0.00	26.11 0.18 0.00	27.87 0.17 0.00	29.23 0.12 0.00	31.96 -0.10 0.00	34.85 -0.07 0.00	34.24 -0.17 0.00	27.92 -0.89 0.00	32.36 -1.10 0.00	31.63 -1.25 0.00	30.45 -1.17 0.00	25.62 -0.96 0.00	32.36 -1.07 0.00	31.02 -0.16 0.00	31.96 -0.10 0.00	29.73 0.03 0.00
ALCOA_RYNLDS___DRP 24188	29.71 0.00 0.00	26.11 0.10 0.00	26.41 0.08 0.00	25.74 0.25 0.00	24.27 0.31 0.00	24.67 0.32 0.00	22.78 0.25 0.00	23.76 0.30 0.00	26.11 0.28 0.00	26.11 0.18 0.00	27.87 0.17 0.00	29.23 0.12 0.00	31.96 -0.10 0.00	34.85 -0.07 0.00	34.24 -0.17 0.00	27.92 -0.89 0.00	32.36 -1.10 0.00	31.63 -1.25 0.00	30.45 -1.17 0.00	25.62 -0.96 0.00	32.36 -1.07 0.00	31.02 -0.16 0.00	31.96 -0.10 0.00	29.73 0.03 0.00
ALCOA___DSASP 323711	29.92 0.21 0.00	26.16 0.16 0.00	26.68 0.34 0.00	25.74 0.25 0.00	24.27 0.31 0.00	24.67 0.32 0.00	22.78 0.25 0.00	23.78 0.33 0.00	26.11 0.28 0.00	26.11 0.18 0.00	27.87 0.17 0.00	29.26 0.15 0.00	31.99 -0.06 0.00	34.89 -0.03 0.00	34.28 -0.14 0.00	27.95 -0.86 0.00	32.39 -1.07 0.00	31.66 -1.22 0.00	30.48 -1.14 0.00	25.64 -0.93 0.00	32.39 -1.04 0.00	31.06 -0.12 0.00	32.00 -0.06 0.00	29.73 0.03 0.00
ALLEGHENY___COGEN 23514	31.32 1.60 0.00	26.99 0.99 0.00	26.89 0.42 -0.13	26.03 0.54 -0.01	24.48 0.53 0.00	24.70 0.34 0.00	22.67 0.14 0.00	23.07 -0.38 0.00	24.92 -0.90 0.00	24.97 -1.06 -0.11	26.44 -1.38 -0.12	26.91 -2.27 -0.07	29.90 -2.40 -0.25	32.64 -2.48 -0.20	33.05 -2.00 -0.63	29.55 -1.04 -1.78	34.90 -0.80 -2.24	36.10 -0.13 -3.35	36.35 0.88 -3.84	32.72 1.54 -4.61	38.92 2.04 -3.45	34.37 1.21 -1.98	33.33 0.77 -0.50	30.41 0.65 -0.07
ALTAMONT_115KV_TB 2 55880	30.78 1.07 0.00	26.99 0.99 0.00	28.71 1.03 -1.35	26.51 0.97 -0.06	24.80 0.84 0.00	25.26 0.90 0.00	23.36 0.83 0.00	24.27 0.82 0.00	24.55 0.90 2.18	24.99 0.96 1.89	29.66 1.02 -0.93	30.22 1.08 -0.03	33.35 1.15 -0.14	34.79 1.26 1.38	37.22 1.27 -1.53	42.19 1.18 -12.20	50.24 1.34 -15.44	68.26 1.32 -34.06	71.87 1.20 -39.05	74.42 1.01 -46.83	69.79 1.27 -35.09	52.32 1.06 -20.08	38.27 1.12 -5.09	31.46 1.10 -0.67
ALTONA_WT_PWR 323606	30.66 0.95 0.00	26.71 0.70 0.00	27.20 0.87 0.00	26.20 0.71 0.00	24.75 0.79 0.00	25.18 0.83 0.00	23.30 0.77 0.00	24.34 0.89 0.00	26.70 0.88 0.00	26.76 0.83 0.00	28.59 0.89 0.00	29.96 0.84 0.00	32.89 0.83 0.00	35.86 0.94 0.00	35.28 0.86 0.00	29.16 0.35 0.00	33.80 0.33 0.00	32.95 0.07 0.00	31.75 0.13 0.00	26.71 0.13 0.00	33.70 0.27 0.00	31.74 0.56 0.00	32.54 0.48 0.00	29.99 0.30 0.00
AMERICAN_REF_FUEL 24010	29.36 -0.36 0.00	25.17 -0.83 0.00	24.74 -1.71 -0.12	24.09 -1.40 -0.01	22.83 -1.13 0.00	23.04 -1.32 0.00	21.29 -1.24 0.00	22.04 -1.41 0.00	24.28 -1.55 0.00	24.70 -1.32 -0.10	26.40 -1.41 -0.11	27.75 -1.43 -0.06	30.58 -1.70 -0.22	33.18 -1.92 -0.18	33.60 -1.38 -0.56	30.13 -0.26 -1.58	35.15 -0.30 -1.99	35.56 -0.30 -2.98	35.19 0.16 -3.41	30.96 0.29 -4.09	36.43 -0.07 -3.06	31.84 -1.09 -1.75	31.32 -1.19 -0.44	28.95 -0.80 -0.06
ARKWRIGHT___SUMMIT_WT_PWR 323751	30.58 0.86 0.00	26.24 0.23 0.00	26.00 -0.47 -0.13	25.26 -0.23 -0.01	23.81 -0.14 0.00	24.02 -0.34 0.00	22.33 -0.20 0.00	23.15 -0.31 0.00	25.54 -0.28 0.00	26.01 -0.03 -0.11	27.80 -0.03 -0.12	29.27 0.09 -0.07	32.28 -0.03 -0.25	35.09 -0.03 -0.20	35.60 0.55 -0.64	32.06 1.44 -1.81	37.45 1.71 -2.28	37.93 1.64 -3.41	37.68 2.15 -3.90	33.14 1.89 -4.68	38.64 1.70 -3.51	33.75 0.56 -2.01	32.76 0.19 -0.51	30.06 0.30 -0.07
ARTHUR_KILL_GT_1 23520	31.37 1.66 0.01	27.78 1.77 0.00	28.72 1.63 -0.75	27.05 1.53 -0.03	25.27 1.32 0.00	25.62 1.27 0.00	23.72 1.19 0.00	24.64 1.20 0.01	27.24 1.42 0.01	28.09 1.56 -0.61	30.13 1.75 -0.68	31.18 1.78 -0.29	31.52 1.96 2.49	34.64 2.02 2.31	37.44 2.03 -0.99	38.24 1.96 -7.47	48.83 2.68 -12.68	54.58 2.70 -19.00	55.68 2.28 -21.78	54.48 1.78 -26.12	55.07 2.07 -19.57	21.99 1.56 10.75	34.53 1.76 -0.71	29.72 1.78 1.76
ARTHUR_KILL_2 23512	31.28 1.57 0.01	27.72 1.72 0.00	28.64 1.55 -0.75	26.97 1.45 -0.03	25.20 1.24 0.00	25.55 1.19 0.00	23.66 1.13 0.00	24.57 1.13 0.01	27.16 1.34 0.01	28.01 1.48 -0.61	30.07 1.69 -0.68	31.09 1.69 -0.29	31.42 1.86 2.49	34.53 1.92 2.31	37.33 1.93 -0.99	38.13 1.85 -7.47	48.69 2.54 -12.68	54.45 2.57 -19.00	55.55 2.15 -21.78	54.37 1.68 -26.12	54.94 1.94 -19.57	21.86 1.44 10.75	34.43 1.67 -0.71	29.63 1.69 1.76
ARTHUR_KILL_3 23513	31.11 1.40 0.00	27.44 1.43 0.00	28.40 1.32 -0.75	26.77 1.25 -0.03	25.06 1.10 0.00	25.50 1.15 0.00	23.70 1.17 0.00	24.69 1.24 0.00	27.27 1.45 0.00	28.05 1.50 -0.61	30.00 1.61 -0.69	31.04 1.63 -0.30	31.27 1.70 2.49	34.44 1.81 2.30	37.27 1.86 -1.00	38.08 1.79 -7.48	48.50 2.34 -12.69	54.26 2.37 -19.01	55.40 1.99 -21.79	54.24 1.54 -26.13	54.81 1.80 -19.58	21.89 1.47 10.75	34.25 1.48 -0.71	29.49 1.54 1.75
ARTHUR_KILL_COGEN 323718	31.37 1.66 0.01	27.78 1.77 0.00	28.72 1.63 -0.75	27.05 1.53 -0.03	25.27 1.32 0.00	25.62 1.27 0.00	23.72 1.19 0.00	24.64 1.20 0.01	27.24 1.42 0.01	28.09 1.56 -0.61	30.13 1.75 -0.68	31.18 1.78 -0.29	31.52 1.96 2.49	34.64 2.02 2.31	37.44 2.03 -0.99	38.24 1.96 -7.47	48.83 2.68 -12.68	54.58 2.70 -19.00	55.68 2.28 -21.78	54.48 1.78 -26.12	55.07 2.07 -19.57	21.99 1.56 10.75	34.53 1.76 -0.71	29.72 1.78 1.76
ASHOKAN____ 23654	31.62 1.90 0.00	27.70 1.69 0.00	28.39 0.97 -1.08	26.88 1.35 -0.05	25.39 1.44 0.00	25.72 1.36 0.00	23.81 1.28 0.00	24.69 1.24 0.00	25.86 2.04 2.01	26.12 2.08 1.88	30.64 2.24 -0.70	31.33 2.27 0.05	34.49 2.63 0.19	36.29 2.90 1.53	37.92 2.89 -0.61	40.40 2.62 -8.97	48.17 3.35 -11.36	61.93 1.84 -27.21	64.61 1.80 -31.19	65.47 1.49 -37.41	63.33 1.87 -28.03	48.66 1.44 -16.04	37.41 1.28 -4.06	31.27 1.04 -0.53

ASTORIA_EAST_ENERGY_CC1 323581	31.47 1.75 -0.01	27.67 1.67 0.00	28.59 1.50 -0.75	26.92 1.40 -0.03	25.23 1.27 0.00	25.57 1.22 0.00	23.68 1.15 0.00	24.59 1.15 0.01	27.16 1.34 0.01	27.99 1.45 -0.61	29.99 1.61 -0.68	31.08 1.60 -0.36	35.20 1.73 -1.41	37.90 1.85 -1.13	39.83 1.86 -3.56	40.66 1.79 -10.06	48.63 2.48 -12.69	54.36 2.47 -19.01	55.49 2.09 -21.79	54.30 1.59 -26.13	54.88 1.87 -19.58	43.66 1.28 -11.20	36.43 1.54 -2.83	31.82 1.75 -0.37
ASTORIA_EAST_ENERGY_CC2 323582	31.47 1.75 -0.01	27.67 1.67 0.00	28.59 1.50 -0.75	26.92 1.40 -0.03	25.23 1.27 0.00	25.57 1.22 0.00	23.68 1.15 0.00	24.59 1.15 0.01	27.16 1.34 0.01	27.99 1.45 -0.61	29.99 1.61 -0.68	31.08 1.60 -0.36	35.20 1.73 -1.41	37.90 1.85 -1.13	39.83 1.86 -3.56	40.66 1.79 -10.06	48.63 2.48 -12.69	54.36 2.47 -19.01	55.49 2.09 -21.79	54.30 1.59 -26.13	54.88 1.87 -19.58	43.66 1.28 -11.20	36.43 1.54 -2.83	31.82 1.75 -0.37
ASTORIA_GT2_1 24094	31.59 1.87 -0.01	27.75 1.74 0.00	28.67 1.58 -0.75	26.94 1.43 -0.03	25.23 1.27 0.00	25.57 1.22 0.00	23.68 1.15 0.00	24.60 1.15 0.00	27.19 1.37 0.00	27.99 1.45 -0.61	30.05 1.66 -0.69	31.11 1.63 -0.37	35.21 1.73 -1.42	37.95 1.89 -1.14	39.87 1.89 -3.57	40.69 1.82 -10.07	48.60 2.44 -12.69	54.39 2.50 -19.01	55.50 2.09 -21.79	54.31 1.59 -26.14	54.89 1.87 -19.59	43.70 1.31 -11.21	36.46 1.57 -2.83	31.82 1.75 -0.37
ASTORIA_GT2_2 24095	31.59 1.87 -0.01	27.75 1.74 0.00	28.67 1.58 -0.75	26.94 1.43 -0.03	25.23 1.27 0.00	25.57 1.22 0.00	23.68 1.15 0.00	24.60 1.15 0.00	27.19 1.37 0.00	27.99 1.45 -0.61	30.05 1.66 -0.69	31.11 1.63 -0.37	35.21 1.73 -1.42	37.95 1.89 -1.14	39.87 1.89 -3.57	40.69 1.82 -10.07	48.60 2.44 -12.69	54.39 2.50 -19.01	55.50 2.09 -21.79	54.31 1.59 -26.14	54.89 1.87 -19.59	43.70 1.31 -11.21	36.46 1.57 -2.83	31.82 1.75 -0.37
ASTORIA_GT2_3 24096	31.59 1.87 -0.01	27.75 1.74 0.00	28.67 1.58 -0.75	26.94 1.43 -0.03	25.23 1.27 0.00	25.57 1.22 0.00	23.68 1.15 0.00	24.60 1.15 0.00	27.19 1.37 0.00	27.99 1.45 -0.61	30.05 1.66 -0.69	31.11 1.63 -0.37	35.21 1.73 -1.42	37.95 1.89 -1.14	39.87 1.89 -3.57	40.69 1.82 -10.07	48.60 2.44 -12.69	54.39 2.50 -19.01	55.50 2.09 -21.79	54.31 1.59 -26.14	54.89 1.87 -19.59	43.70 1.31 -11.21	36.46 1.57 -2.83	31.82 1.75 -0.37
ASTORIA_GT2_4 24097	31.59 1.87 -0.01	27.75 1.74 0.00	28.67 1.58 -0.75	26.94 1.43 -0.03	25.23 1.27 0.00	25.57 1.22 0.00	23.68 1.15 0.00	24.60 1.15 0.00	27.19 1.37 0.00	27.99 1.45 -0.61	30.05 1.66 -0.69	31.11 1.63 -0.37	35.21 1.73 -1.42	37.95 1.89 -1.14	39.87 1.89 -3.57	40.69 1.82 -10.07	48.60 2.44 -12.69	54.39 2.50 -19.01	55.50 2.09 -21.79	54.31 1.59 -26.14	54.89 1.87 -19.59	43.70 1.31 -11.21	36.46 1.57 -2.83	31.82 1.75 -0.37
ASTORIA_GT3_1 24098	31.59 1.87 -0.01	27.75 1.74 0.00	28.67 1.58 -0.75	26.94 1.43 -0.03	25.23 1.27 0.00	25.57 1.22 0.00	23.68 1.15 0.00	24.60 1.15 0.00	27.19 1.37 0.00	27.99 1.45 -0.61	30.05 1.66 -0.69	31.11 1.63 -0.37	35.21 1.73 -1.42	37.95 1.89 -1.14	39.87 1.89 -3.57	40.69 1.82 -10.07	48.60 2.44 -12.69	54.39 2.50 -19.01	55.50 2.09 -21.79	54.31 1.59 -26.14	54.89 1.87 -19.59	43.70 1.31 -11.21	36.46 1.57 -2.83	31.82 1.75 -0.37
ASTORIA_GT3_2 24099	31.59 1.87 -0.01	27.75 1.74 0.00	28.67 1.58 -0.75	26.94 1.43 -0.03	25.23 1.27 0.00	25.57 1.22 0.00	23.68 1.15 0.00	24.60 1.15 0.00	27.19 1.37 0.00	27.99 1.45 -0.61	30.05 1.66 -0.69	31.11 1.63 -0.37	35.21 1.73 -1.42	37.95 1.89 -1.14	39.87 1.89 -3.57	40.69 1.82 -10.07	48.60 2.44 -12.69	54.39 2.50 -19.01	55.50 2.09 -21.79	54.31 1.59 -26.14	54.89 1.87 -19.59	43.70 1.31 -11.21	36.46 1.57 -2.83	31.82 1.75 -0.37
ASTORIA_GT3_3 24100	31.59 1.87 -0.01	27.75 1.74 0.00	28.67 1.58 -0.75	26.94 1.43 -0.03	25.23 1.27 0.00	25.57 1.22 0.00	23.68 1.15 0.00	24.60 1.15 0.00	27.19 1.37 0.00	27.99 1.45 -0.61	30.05 1.66 -0.69	31.11 1.63 -0.37	35.21 1.73 -1.42	37.95 1.89 -1.14	39.87 1.89 -3.57	40.69 1.82 -10.07	48.60 2.44 -12.69	54.39 2.50 -19.01	55.50 2.09 -21.79	54.31 1.59 -26.14	54.89 1.87 -19.59	43.70 1.31 -11.21	36.46 1.57 -2.83	31.82 1.75 -0.37
ASTORIA_GT3_4 24101	31.59 1.87 -0.01	27.75 1.74 0.00	28.67 1.58 -0.75	26.94 1.43 -0.03	25.23 1.27 0.00	25.57 1.22 0.00	23.68 1.15 0.00	24.60 1.15 0.00	27.19 1.37 0.00	27.99 1.45 -0.61	30.05 1.66 -0.69	31.11 1.63 -0.37	35.21 1.73 -1.42	37.95 1.89 -1.14	39.87 1.89 -3.57	40.69 1.82 -10.07	48.60 2.44 -12.69	54.39 2.50 -19.01	55.50 2.09 -21.79	54.31 1.59 -26.14	54.89 1.87 -19.59	43.70 1.31 -11.21	36.46 1.57 -2.83	31.82 1.75 -0.37
ASTORIA_GT4_1 24102	31.59 1.87 -0.01	27.75 1.74 0.00	28.67 1.58 -0.75	26.94 1.43 -0.03	25.23 1.27 0.00	25.57 1.22 0.00	23.68 1.15 0.00	24.60 1.15 0.00	27.19 1.37 0.00	27.99 1.45 -0.61	30.05 1.66 -0.69	31.11 1.63 -0.37	35.21 1.73 -1.42	37.95 1.89 -1.14	39.87 1.89 -3.57	40.69 1.82 -10.07	48.60 2.44 -12.69	54.39 2.50 -19.01	55.50 2.09 -21.79	54.31 1.59 -26.14	54.89 1.87 -19.59	43.70 1.31 -11.21	36.46 1.57 -2.83	31.82 1.75 -0.37
ASTORIA_GT4_2 24103	31.59 1.87 -0.01	27.75 1.74 0.00	28.67 1.58 -0.75	26.94 1.43 -0.03	25.23 1.27 0.00	25.57 1.22 0.00	23.68 1.15 0.00	24.60 1.15 0.00	27.19 1.37 0.00	27.99 1.45 -0.61	30.05 1.66 -0.69	31.11 1.63 -0.37	35.21 1.73 -1.42	37.95 1.89 -1.14	39.87 1.89 -3.57	40.69 1.82 -10.07	48.60 2.44 -12.69	54.39 2.50 -19.01	55.50 2.09 -21.79	54.31 1.59 -26.14	54.89 1.87 -19.59	43.70 1.31 -11.21	36.46 1.57 -2.83	31.82 1.75 -0.37
ASTORIA_GT4_3 24104	31.59 1.87 -0.01	27.75 1.74 0.00	28.67 1.58 -0.75	26.94 1.43 -0.03	25.23 1.27 0.00	25.57 1.22 0.00	23.68 1.15 0.00	24.60 1.15 0.00	27.19 1.37 0.00	27.99 1.45 -0.61	30.05 1.66 -0.69	31.11 1.63 -0.37	35.21 1.73 -1.42	37.95 1.89 -1.14	39.87 1.89 -3.57	40.69 1.82 -10.07	48.60 2.44 -12.69	54.39 2.50 -19.01	55.50 2.09 -21.79	54.31 1.59 -26.14	54.89 1.87 -19.59	43.70 1.31 -11.21	36.46 1.57 -2.83	31.82 1.75 -0.37
ASTORIA_GT4_4 24105	31.59 1.87 -0.01	27.75 1.74 0.00	28.67 1.58 -0.75	26.94 1.43 -0.03	25.23 1.27 0.00	25.57 1.22 0.00	23.68 1.15 0.00	24.60 1.15 0.00	27.19 1.37 0.00	27.99 1.45 -0.61	30.05 1.66 -0.69	31.11 1.63 -0.37	35.21 1.73 -1.42	37.95 1.89 -1.14	39.87 1.89 -3.57	40.69 1.82 -10.07	48.60 2.44 -12.69	54.39 2.50 -19.01	55.50 2.09 -21.79	54.31 1.59 -26.14	54.89 1.87 -19.59	43.70 1.31 -11.21	36.46 1.57 -2.83	31.82 1.75 -0.37
ASTORIA_GT_1 23523	31.53 1.81 -0.01	27.75 1.74 0.00	28.67 1.58 -0.75	26.97 1.45 -0.03	25.27 1.32 0.00	25.62 1.27 0.00	23.72 1.19 0.00	24.64 1.20 0.01	27.21 1.39 0.01	28.04 1.50 -0.61	30.07 1.69 -0.68	31.16 1.69 -0.36	35.26 1.79 -1.41	37.97 1.92 -1.13	39.90 1.93 -3.56	40.74 1.87 -10.06	48.70 2.54 -12.69	54.46 2.57 -19.01	55.59 2.18 -21.79	54.38 1.68 -26.13	54.95 1.94 -19.58	43.72 1.34 -11.20	36.49 1.60 -2.83	31.88 1.81 -0.37

ASTORIA_GT_10 24110	31.53 1.81 0.00	27.72 1.72 0.00	28.69 1.61 -0.75	27.00 1.48 -0.03	25.25 1.29 0.00	25.65 1.29 0.00	23.79 1.26 0.00	24.74 1.29 0.00	27.35 1.52 0.00	28.15 1.61 -0.61	30.22 1.83 -0.69	31.29 1.81 -0.37	35.43 1.96 -1.42	38.16 2.10 -1.14	40.11 2.13 -3.57	40.89 2.02 -10.07	48.80 2.64 -12.69	54.56 2.66 -19.01	55.69 2.28 -21.79	54.47 1.75 -26.14	55.09 2.07 -19.59	43.92 1.53 -11.21	36.63 1.73 -2.84	31.88 1.81 -0.37
ASTORIA_GT_11 24225	31.53 1.81 0.00	27.72 1.72 0.00	28.69 1.61 -0.75	27.00 1.48 -0.03	25.25 1.29 0.00	25.65 1.29 0.00	23.79 1.26 0.00	24.74 1.29 0.00	27.35 1.52 0.00	28.15 1.61 -0.61	30.22 1.83 -0.69	31.29 1.81 -0.37	35.43 1.96 -1.42	38.16 2.10 -1.14	40.11 2.13 -3.57	40.89 2.02 -10.07	48.80 2.64 -12.69	54.56 2.66 -19.01	55.69 2.28 -21.79	54.47 1.75 -26.14	55.09 2.07 -19.59	43.92 1.53 -11.21	36.63 1.73 -2.84	31.88 1.81 -0.37
ASTORIA_GT_12 24226	31.44 1.72 0.00	27.70 1.69 0.00	28.64 1.55 -0.75	26.97 1.45 -0.03	25.25 1.29 0.00	25.65 1.29 0.00	23.79 1.26 0.00	24.74 1.29 0.00	27.35 1.52 0.00	28.15 1.61 -0.61	30.19 1.80 -0.69	31.29 1.81 -0.37	35.40 1.92 -1.42	38.16 2.10 -1.14	40.08 2.10 -3.57	40.86 1.99 -10.07	48.80 2.64 -12.69	54.55 2.66 -19.01	55.69 2.28 -21.79	54.47 1.75 -26.14	55.09 2.07 -19.59	43.92 1.53 -11.21	36.63 1.73 -2.84	31.88 1.81 -0.37
ASTORIA_GT_13 24227	31.44 1.72 0.00	27.70 1.69 0.00	28.64 1.55 -0.75	26.97 1.45 -0.03	25.25 1.29 0.00	25.65 1.29 0.00	23.79 1.26 0.00	24.74 1.29 0.00	27.35 1.52 0.00	28.15 1.61 -0.61	30.19 1.80 -0.69	31.29 1.81 -0.37	35.40 1.92 -1.42	38.16 2.10 -1.14	40.08 2.10 -3.57	40.86 1.99 -10.07	48.80 2.64 -12.69	54.55 2.66 -19.01	55.69 2.28 -21.79	54.47 1.75 -26.14	55.09 2.07 -19.59	43.92 1.53 -11.21	36.63 1.73 -2.84	31.88 1.81 -0.37
ASTORIA_GT_5 24106	31.53 1.81 -0.01	27.75 1.74 0.00	28.67 1.58 -0.75	26.97 1.45 -0.03	25.27 1.32 0.00	25.62 1.27 0.00	23.72 1.19 0.00	24.64 1.20 0.01	27.21 1.39 0.01	28.04 1.50 -0.61	30.07 1.69 -0.68	31.16 1.69 -0.36	35.26 1.79 -1.41	37.97 1.92 -1.13	39.90 1.93 -3.56	40.74 1.87 -10.06	48.70 2.54 -12.69	54.46 2.57 -19.01	55.59 2.18 -21.79	54.38 1.68 -26.13	54.95 1.94 -19.58	43.72 1.34 -11.20	36.49 1.60 -2.83	31.88 1.81 -0.37
ASTORIA_GT_7 24107	31.53 1.81 -0.01	27.75 1.74 0.00	28.67 1.58 -0.75	26.97 1.45 -0.03	25.27 1.32 0.00	25.62 1.27 0.00	23.72 1.19 0.00	24.64 1.20 0.01	27.21 1.39 0.01	28.04 1.50 -0.61	30.07 1.69 -0.68	31.16 1.69 -0.36	35.26 1.79 -1.41	37.97 1.92 -1.13	39.90 1.93 -3.56	40.74 1.87 -10.06	48.70 2.54 -12.69	54.46 2.57 -19.01	55.59 2.18 -21.79	54.38 1.68 -26.13	54.95 1.94 -19.58	43.72 1.34 -11.20	36.49 1.60 -2.83	31.88 1.81 -0.37
ASTORIA_GT_8 24108	31.62 1.90 -0.01	27.78 1.77 0.00	28.72 1.63 -0.75	26.97 1.45 -0.03	25.27 1.32 0.00	25.62 1.27 0.00	23.72 1.19 0.00	24.62 1.17 0.00	27.22 1.39 0.00	28.05 1.50 -0.61	30.11 1.72 -0.69	31.17 1.69 -0.37	35.27 1.80 -1.42	38.02 1.96 -1.14	39.94 1.96 -3.57	40.75 1.87 -10.07	48.67 2.51 -12.69	54.46 2.56 -19.01	55.57 2.15 -21.79	54.36 1.65 -26.14	54.99 1.97 -19.59	43.73 1.34 -11.21	36.49 1.60 -2.83	31.88 1.81 -0.37
ASTORIA___2 24149	31.50 1.78 -0.01	27.70 1.69 0.00	28.62 1.53 -0.75	26.94 1.43 -0.03	25.23 1.27 0.00	25.57 1.22 0.00	23.68 1.15 0.00	24.59 1.15 0.01	27.19 1.37 0.01	27.99 1.45 -0.61	30.02 1.63 -0.68	31.10 1.63 -0.36	35.20 1.73 -1.41	37.94 1.88 -1.13	39.83 1.86 -3.56	40.68 1.82 -10.06	48.63 2.48 -12.69	54.36 2.47 -19.01	55.49 2.09 -21.79	54.30 1.59 -26.13	54.88 1.87 -19.58	43.69 1.31 -11.20	36.46 1.57 -2.83	31.85 1.78 -0.37
ASTORIA___3 23516	31.44 1.72 0.00	27.70 1.69 0.00	28.64 1.55 -0.75	26.97 1.45 -0.03	25.25 1.29 0.00	25.65 1.29 0.00	23.79 1.26 0.00	24.74 1.29 0.00	27.35 1.52 0.00	28.15 1.61 -0.61	30.19 1.80 -0.69	31.29 1.81 -0.37	35.40 1.92 -1.42	38.16 2.10 -1.14	40.08 2.10 -3.57	40.86 1.99 -10.07	48.80 2.64 -12.69	54.55 2.66 -19.01	55.69 2.28 -21.79	54.47 1.75 -26.14	55.09 2.07 -19.59	43.92 1.53 -11.21	36.63 1.73 -2.84	31.88 1.81 -0.37
ASTORIA___4 23517	31.53 1.81 0.00	27.72 1.72 0.00	28.69 1.61 -0.75	27.00 1.48 -0.03	25.25 1.29 0.00	25.65 1.29 0.00	23.79 1.26 0.00	24.74 1.29 0.00	27.35 1.52 0.00	28.15 1.61 -0.61	30.22 1.83 -0.69	31.29 1.81 -0.37	35.43 1.96 -1.42	38.16 2.10 -1.14	40.11 2.13 -3.57	40.89 2.02 -10.07	48.80 2.64 -12.69	54.56 2.66 -19.01	55.69 2.28 -21.79	54.47 1.75 -26.14	55.09 2.07 -19.59	43.92 1.53 -11.21	36.63 1.73 -2.84	31.88 1.81 -0.37
ASTORIA___5 23518	31.44 1.72 0.00	27.70 1.69 0.00	28.64 1.55 -0.75	26.97 1.45 -0.03	25.25 1.29 0.00	25.65 1.29 0.00	23.79 1.26 0.00	24.74 1.29 0.00	27.35 1.52 0.00	28.15 1.61 -0.61	30.19 1.80 -0.69	31.29 1.81 -0.37	35.40 1.92 -1.42	38.16 2.10 -1.14	40.08 2.10 -3.57	40.86 1.99 -10.07	48.80 2.64 -12.69	54.55 2.66 -19.01	55.69 2.28 -21.79	54.47 1.75 -26.14	55.09 2.07 -19.59	43.92 1.53 -11.21	36.63 1.73 -2.84	31.88 1.81 -0.37
AST_ENERGY_2_CC3 323677	31.26 1.54 0.00	27.54 1.53 0.00	28.51 1.42 -0.75	26.87 1.35 -0.03	25.15 1.20 0.00	25.57 1.22 0.00	23.77 1.24 0.00	24.74 1.29 0.00	27.32 1.50 0.00	28.12 1.58 -0.61	30.11 1.72 -0.69	31.23 1.75 -0.37	35.30 1.83 -1.42	38.05 1.99 -1.14	40.01 2.03 -3.57	40.81 1.93 -10.07	48.63 2.48 -12.69	54.39 2.50 -19.01	55.57 2.15 -21.79	54.39 1.68 -26.14	54.99 1.97 -19.58	43.89 1.50 -11.21	36.53 1.63 -2.84	31.73 1.66 -0.37
AST_ENERGY_2_CC4 323678	31.26 1.54 0.00	27.54 1.53 0.00	28.51 1.42 -0.75	26.87 1.35 -0.03	25.15 1.20 0.00	25.57 1.22 0.00	23.77 1.24 0.00	24.74 1.29 0.00	27.32 1.50 0.00	28.12 1.58 -0.61	30.11 1.72 -0.69	31.23 1.75 -0.37	35.30 1.83 -1.42	38.05 1.99 -1.14	40.01 2.03 -3.57	40.81 1.93 -10.07	48.63 2.48 -12.69	54.39 2.50 -19.01	55.57 2.15 -21.79	54.39 1.68 -26.14	54.99 1.97 -19.58	43.89 1.50 -11.21	36.53 1.63 -2.84	31.73 1.66 -0.37
ATHENS_STG_1 23668	30.78 1.07 0.00	27.05 1.04 0.00	28.12 1.00 -0.78	26.49 0.97 -0.03	24.80 0.84 0.00	25.26 0.90 0.00	23.39 0.86 0.00	24.32 0.87 0.00	26.81 0.98 0.00	27.57 1.01 -0.64	29.55 1.14 -0.72	30.66 1.17 -0.38	34.77 1.25 -1.47	37.43 1.33 -1.18	39.45 1.34 -3.69	40.50 1.27 -10.43	48.12 1.51 -13.14	54.11 1.51 -19.72	55.55 1.33 -22.60	54.74 1.06 -27.11	55.11 1.37 -20.31	43.90 1.09 -11.62	36.16 1.15 -2.94	31.21 1.13 -0.38
ATHENS_STG_2 23670	30.78 1.07 0.00	27.05 1.04 0.00	28.12 1.00 -0.78	26.49 0.97 -0.03	24.80 0.84 0.00	25.26 0.90 0.00	23.39 0.86 0.00	24.32 0.87 0.00	26.81 0.98 0.00	27.57 1.01 -0.64	29.55 1.14 -0.72	30.66 1.17 -0.38	34.77 1.25 -1.47	37.43 1.33 -1.18	39.45 1.34 -3.69	40.50 1.27 -10.43	48.12 1.51 -13.14	54.11 1.51 -19.72	55.55 1.33 -22.60	54.74 1.06 -27.11	55.11 1.37 -20.31	43.90 1.09 -11.62	36.16 1.15 -2.94	31.21 1.13 -0.38

ATHENS_STG_3 23677	30.78 1.07 0.00	27.05 1.04 0.00	28.12 1.00 -0.78	26.49 0.97 -0.03	24.80 0.84 0.00	25.26 0.90 0.00	23.39 0.86 0.00	24.32 0.87 0.00	26.81 0.98 0.00	27.57 1.01 -0.64	29.55 1.14 -0.72	30.66 1.17 -0.38	34.77 1.25 -1.47	37.43 1.33 -1.18	39.45 1.34 -3.69	40.50 1.27 -10.43	48.12 1.51 -13.14	54.11 1.51 -19.72	55.55 1.33 -22.60	54.74 1.06 -27.11	55.11 1.37 -20.31	43.90 1.09 -11.62	36.16 1.15 -2.94	31.21 1.13 -0.38
AUBURN___LFG 323710	30.04 0.33 0.00	26.16 0.16 0.00	26.61 0.18 -0.10	25.41 -0.08 0.00	23.91 -0.05 0.00	24.28 -0.07 0.00	22.42 -0.11 0.00	23.33 -0.12 0.00	25.75 -0.08 0.00	26.06 0.05 -0.08	27.95 0.17 -0.09	29.39 0.23 -0.05	33.20 0.38 -0.76	36.60 0.49 -1.19	36.34 0.72 -1.21	30.95 0.86 -1.27	37.29 1.07 -2.75	37.52 1.18 -3.46	36.49 1.26 -3.61	30.98 1.12 -3.30	37.14 1.24 -2.47	33.47 0.87 -1.41	32.96 0.55 -0.36	30.59 0.48 -0.42
BABYLON_RES_REC 323704	37.57 2.52 -5.33	34.42 2.37 -6.05	29.61 2.27 -1.01	27.75 2.22 -0.05	25.96 1.94 -0.06	26.41 2.05 -0.01	24.50 1.96 -0.01	25.50 2.04 -0.01	28.57 2.22 -0.52	33.47 2.31 -5.23	40.66 2.52 -10.44	41.36 2.56 -9.68	42.39 2.69 -7.64	43.46 2.86 -5.68	43.66 2.89 -6.35	44.45 2.68 -12.96	53.80 3.38 -16.95	56.39 3.52 -19.99	56.55 3.13 -21.80	55.03 2.31 -26.15	55.40 2.37 -19.59	44.52 2.12 -11.21	41.38 2.72 -6.60	38.42 2.67 -6.05
BABYLON__69_KV_BK2 356345	38.13 3.09 -5.33	34.86 2.81 -6.05	30.09 2.74 -1.01	28.11 2.57 -0.05	26.30 2.28 -0.06	26.74 2.39 0.00	24.81 2.28 0.00	25.82 2.37 0.00	28.98 2.63 -0.52	33.94 2.77 -5.23	41.16 3.02 -10.44	42.48 3.09 -10.28	43.55 3.27 -8.23	44.21 3.49 -5.80	44.28 3.51 -6.35	45.30 3.20 -13.30	54.40 3.98 -16.95	58.28 4.08 -21.32	56.96 3.54 -21.80	55.35 2.63 -26.15	55.86 2.84 -19.59	44.95 2.56 -11.21	41.93 3.27 -6.60	38.90 3.15 -6.05
BARON_WINDS___WT_PWR 323822	30.25 0.54 0.00	26.11 0.10 0.00	26.14 -0.37 -0.17	25.24 -0.25 -0.01	23.79 -0.17 0.00	24.07 -0.29 0.00	22.28 -0.25 0.00	23.07 -0.38 0.00	25.44 -0.39 0.00	25.81 -0.26 -0.14	27.61 -0.25 -0.16	28.97 -0.23 -0.09	32.26 -0.26 -0.46	35.19 -0.24 -0.51	35.55 0.14 -1.00	31.91 0.78 -2.32	37.67 1.00 -3.20	38.56 1.05 -4.63	38.23 1.39 -5.22	33.90 1.30 -6.02	39.21 1.27 -4.51	34.26 0.50 -2.58	32.91 0.19 -0.65	30.17 0.30 -0.17
BARRETT_IC_1 23704	37.03 1.99 -5.33	33.93 1.87 -6.05	29.19 1.84 -1.01	27.40 1.86 -0.05	25.65 1.63 -0.06	26.12 1.75 -0.01	24.27 1.73 -0.01	25.26 1.81 -0.01	28.23 1.88 -0.52	33.06 1.89 -5.23	40.16 2.02 -10.44	40.46 2.07 -9.28	41.52 2.21 -7.25	42.93 2.41 -5.60	43.21 2.44 -6.35	43.81 2.28 -12.73	53.23 2.81 -16.95	54.81 2.83 -19.10	55.89 2.47 -21.80	54.50 1.78 -26.15	54.83 1.80 -19.59	44.11 1.71 -11.21	40.97 2.31 -6.60	38.04 2.29 -6.05
BARRETT_IC_10 23701	37.03 1.99 -5.33	33.93 1.87 -6.05	29.19 1.84 -1.01	27.40 1.86 -0.05	25.65 1.63 -0.06	26.12 1.75 -0.01	24.27 1.73 -0.01	25.26 1.81 -0.01	28.23 1.88 -0.52	33.06 1.89 -5.23	40.16 2.02 -10.44	40.46 2.07 -9.28	41.52 2.21 -7.25	42.93 2.41 -5.60	43.21 2.44 -6.35	43.81 2.28 -12.73	53.23 2.81 -16.95	54.81 2.83 -19.10	55.89 2.47 -21.80	54.50 1.78 -26.15	54.83 1.80 -19.59	44.11 1.71 -11.21	40.97 2.31 -6.60	38.04 2.29 -6.05
BARRETT_IC_11 23702	37.03 1.99 -5.33	33.93 1.87 -6.05	29.19 1.84 -1.01	27.40 1.86 -0.05	25.65 1.63 -0.06	26.12 1.75 -0.01	24.27 1.73 -0.01	25.26 1.81 -0.01	28.23 1.88 -0.52	33.06 1.89 -5.23	40.16 2.02 -10.44	40.46 2.07 -9.28	41.52 2.21 -7.25	42.93 2.41 -5.60	43.21 2.44 -6.35	43.81 2.28 -12.73	53.23 2.81 -16.95	54.81 2.83 -19.10	55.89 2.47 -21.80	54.50 1.78 -26.15	54.83 1.80 -19.59	44.11 1.71 -11.21	40.97 2.31 -6.60	38.04 2.29 -6.05
BARRETT_IC_12 23703	37.03 1.99 -5.33	33.93 1.87 -6.05	29.19 1.84 -1.01	27.40 1.86 -0.05	25.65 1.63 -0.06	26.12 1.75 -0.01	24.27 1.73 -0.01	25.26 1.81 -0.01	28.23 1.88 -0.52	33.06 1.89 -5.23	40.16 2.02 -10.44	40.46 2.07 -9.28	41.52 2.21 -7.25	42.93 2.41 -5.60	43.21 2.44 -6.35	43.81 2.28 -12.73	53.23 2.81 -16.95	54.81 2.83 -19.10	55.89 2.47 -21.80	54.50 1.78 -26.15	54.83 1.80 -19.59	44.11 1.71 -11.21	40.97 2.31 -6.60	38.04 2.29 -6.05
BARRETT_IC_2 23705	37.03 1.99 -5.33	33.93 1.87 -6.05	29.19 1.84 -1.01	27.40 1.86 -0.05	25.65 1.63 -0.06	26.12 1.75 -0.01	24.27 1.73 -0.01	25.26 1.81 -0.01	28.23 1.88 -0.52	33.06 1.89 -5.23	40.16 2.02 -10.44	40.46 2.07 -9.28	41.52 2.21 -7.25	42.93 2.41 -5.60	43.21 2.44 -6.35	43.81 2.28 -12.73	53.23 2.81 -16.95	54.81 2.83 -19.10	55.89 2.47 -21.80	54.50 1.78 -26.15	54.83 1.80 -19.59	44.11 1.71 -11.21	40.97 2.31 -6.60	38.04 2.29 -6.05
BARRETT_IC_3 23706	37.03 1.99 -5.33	33.93 1.87 -6.05	29.19 1.84 -1.01	27.40 1.86 -0.05	25.65 1.63 -0.06	26.12 1.75 -0.01	24.27 1.73 -0.01	25.26 1.81 -0.01	28.23 1.88 -0.52	33.06 1.89 -5.23	40.16 2.02 -10.44	40.46 2.07 -9.28	41.52 2.21 -7.25	42.93 2.41 -5.60	43.21 2.44 -6.35	43.81 2.28 -12.73	53.23 2.81 -16.95	54.81 2.83 -19.10	55.89 2.47 -21.80	54.50 1.78 -26.15	54.83 1.80 -19.59	44.11 1.71 -11.21	40.97 2.31 -6.60	38.04 2.29 -6.05
BARRETT_IC_4 23707	37.03 1.99 -5.33	33.93 1.87 -6.05	29.19 1.84 -1.01	27.40 1.86 -0.05	25.65 1.63 -0.06	26.12 1.75 -0.01	24.27 1.73 -0.01	25.26 1.81 -0.01	28.23 1.88 -0.52	33.06 1.89 -5.23	40.16 2.02 -10.44	40.46 2.07 -9.28	41.52 2.21 -7.25	42.93 2.41 -5.60	43.21 2.44 -6.35	43.81 2.28 -12.73	53.23 2.81 -16.95	54.81 2.83 -19.10	55.89 2.47 -21.80	54.50 1.78 -26.15	54.83 1.80 -19.59	44.11 1.71 -11.21	40.97 2.31 -6.60	38.04 2.29 -6.05
BARRETT_IC_5 23708	37.03 1.99 -5.33	33.93 1.87 -6.05	29.19 1.84 -1.01	27.40 1.86 -0.05	25.65 1.63 -0.06	26.12 1.75 -0.01	24.27 1.73 -0.01	25.26 1.81 -0.01	28.23 1.88 -0.52	33.06 1.89 -5.23	40.16 2.02 -10.44	40.46 2.07 -9.28	41.52 2.21 -7.25	42.93 2.41 -5.60	43.21 2.44 -6.35	43.81 2.28 -12.73	53.23 2.81 -16.95	54.81 2.83 -19.10	55.89 2.47 -21.80	54.50 1.78 -26.15	54.83 1.80 -19.59	44.11 1.71 -11.21	40.97 2.31 -6.60	38.04 2.29 -6.05
BARRETT_IC_6 23709	37.03 1.99 -5.33	33.93 1.87 -6.05	29.19 1.84 -1.01	27.40 1.86 -0.05	25.65 1.63 -0.06	26.12 1.75 -0.01	24.27 1.73 -0.01	25.26 1.81 -0.01	28.23 1.88 -0.52	33.06 1.89 -5.23	40.16 2.02 -10.44	40.46 2.07 -9.28	41.52 2.21 -7.25	42.93 2.41 -5.60	43.21 2.44 -6.35	43.81 2.28 -12.73	53.23 2.81 -16.95	54.81 2.83 -19.10	55.89 2.47 -21.80	54.50 1.78 -26.15	54.83 1.80 -19.59	44.11 1.71 -11.21	40.97 2.31 -6.60	38.04 2.29 -6.05
BARRETT_IC_7 23710	37.12 2.08 -5.33	33.98 1.92 -6.05	29.27 1.92 -1.01	27.40 1.86 -0.05	25.65 1.63 -0.06	26.11 1.75 0.00	24.27 1.73 0.00	25.26 1.81 0.00	28.23 1.89 -0.52	33.08 1.92 -5.23	40.19 2.05 -10.44	40.49 2.10 -9.28	41.52 2.21 -7.25	42.96 2.44 -5.60	43.21 2.44 -6.35	43.81 2.28 -12.73	53.23 2.81 -16.95	54.84 2.86 -19.10	55.82 2.40 -21.80	54.42 1.70 -26.15	54.83 1.81 -19.59	44.08 1.68 -11.21	40.97 2.31 -6.60	38.01 2.26 -6.05

BARRETT_IC_8 23711	37.03 1.99 -5.33	33.93 1.87 -6.05	29.19 1.84 -1.01	27.40 1.86 -0.05	25.65 1.63 -0.06	26.12 1.75 -0.01	24.27 1.73 -0.01	25.26 1.81 -0.01	28.23 1.88 -0.52	33.06 1.89 -5.23	40.16 2.02 -10.44	40.46 2.07 -9.28	41.52 2.21 -7.25	42.93 2.41 -5.60	43.21 2.44 -6.35	43.81 2.28 -12.73	53.23 2.81 -16.95	54.81 2.83 -19.10	55.89 2.47 -21.80	54.50 1.78 -26.15	54.83 1.80 -19.59	44.11 1.71 -11.21	40.97 2.31 -6.60	38.04 2.29 -6.05
BARRETT_IC_9 23700	37.03 1.99 -5.33	33.93 1.87 -6.05	29.19 1.84 -1.01	27.40 1.86 -0.05	25.65 1.63 -0.06	26.12 1.75 -0.01	24.27 1.73 -0.01	25.26 1.81 -0.01	28.23 1.88 -0.52	33.06 1.89 -5.23	40.16 2.02 -10.44	40.46 2.07 -9.28	41.52 2.21 -7.25	42.93 2.41 -5.60	43.21 2.44 -6.35	43.81 2.28 -12.73	53.23 2.81 -16.95	54.81 2.83 -19.10	55.89 2.47 -21.80	54.50 1.78 -26.15	54.83 1.80 -19.59	44.11 1.71 -11.21	40.97 2.31 -6.60	38.04 2.29 -6.05
BARRETT___1 23545	37.03 1.99 -5.33	33.93 1.87 -6.05	29.19 1.84 -1.01	27.40 1.86 -0.05	25.65 1.63 -0.06	26.12 1.75 -0.01	24.27 1.73 -0.01	25.26 1.81 -0.01	28.23 1.88 -0.52	33.06 1.89 -5.23	40.16 2.02 -10.44	40.46 2.07 -9.28	41.52 2.21 -7.25	42.93 2.41 -5.60	43.21 2.44 -6.35	43.81 2.28 -12.73	53.23 2.81 -16.95	54.81 2.83 -19.10	55.89 2.47 -21.80	54.50 1.78 -26.15	54.83 1.80 -19.59	44.11 1.71 -11.21	40.97 2.31 -6.60	38.04 2.29 -6.05
BARRETT___2 23546	37.03 1.99 -5.33	33.93 1.87 -6.05	29.19 1.84 -1.01	27.40 1.86 -0.05	25.65 1.63 -0.06	26.12 1.75 -0.01	24.27 1.73 -0.01	25.26 1.81 -0.01	28.23 1.88 -0.52	33.06 1.89 -5.23	40.16 2.02 -10.44	40.46 2.07 -9.28	41.52 2.21 -7.25	42.93 2.41 -5.60	43.21 2.44 -6.35	43.81 2.28 -12.73	53.23 2.81 -16.95	54.81 2.83 -19.10	55.89 2.47 -21.80	54.50 1.78 -26.15	54.83 1.80 -19.59	44.11 1.71 -11.21	40.97 2.31 -6.60	38.04 2.29 -6.05
BATAVIA___115KV_TB1 55881	30.46 0.74 0.00	26.27 0.26 0.00	26.78 0.34 -0.11	25.11 -0.38 0.00	23.69 -0.26 0.00	23.87 -0.49 0.00	22.06 -0.47 0.00	23.01 -0.45 0.00	25.18 -0.65 0.00	25.63 -0.39 -0.09	27.47 -0.33 -0.10	28.90 -0.26 -0.05	31.91 -0.35 -0.20	34.63 -0.45 -0.16	35.06 0.14 -0.51	31.35 1.09 -1.44	36.62 1.34 -1.82	36.94 1.35 -2.72	36.54 1.80 -3.11	31.98 1.67 -3.73	37.97 1.74 -2.80	33.53 0.75 -1.60	32.95 0.48 -0.41	30.31 0.56 -0.05
BAYONEEC___CTG1 323682	31.26 1.54 0.00	27.54 1.53 0.00	28.51 1.42 -0.75	26.89 1.38 -0.03	25.15 1.20 0.00	25.60 1.24 0.00	23.77 1.24 0.00	24.76 1.31 0.00	27.35 1.52 0.00	28.15 1.61 -0.61	30.14 1.75 -0.69	31.26 1.78 -0.37	35.30 1.83 -1.42	38.04 1.99 -1.13	40.00 2.03 -3.56	40.80 1.93 -10.06	48.67 2.51 -12.69	54.42 2.53 -19.01	55.56 2.15 -21.79	54.38 1.68 -26.13	54.98 1.97 -19.58	43.92 1.53 -11.21	36.53 1.63 -2.84	31.73 1.66 -0.37
BAYONEEC___CTG10 323750	31.26 1.54 0.00	27.54 1.53 0.00	28.51 1.42 -0.75	26.89 1.38 -0.03	25.15 1.20 0.00	25.60 1.24 0.00	23.77 1.24 0.00	24.76 1.31 0.00	27.35 1.52 0.00	28.15 1.61 -0.61	30.14 1.75 -0.69	31.26 1.78 -0.37	35.30 1.83 -1.42	38.04 1.99 -1.13	40.00 2.03 -3.56	40.80 1.93 -10.06	48.67 2.51 -12.69	54.42 2.53 -19.01	55.56 2.15 -21.79	54.38 1.68 -26.13	54.98 1.97 -19.58	43.92 1.53 -11.21	36.53 1.63 -2.84	31.73 1.66 -0.37
BAYONEEC___CTG2 323683	31.26 1.54 0.00	27.54 1.53 0.00	28.51 1.42 -0.75	26.89 1.38 -0.03	25.15 1.20 0.00	25.60 1.24 0.00	23.77 1.24 0.00	24.76 1.31 0.00	27.35 1.52 0.00	28.15 1.61 -0.61	30.14 1.75 -0.69	31.26 1.78 -0.37	35.30 1.83 -1.42	38.04 1.99 -1.13	40.00 2.03 -3.56	40.80 1.93 -10.06	48.67 2.51 -12.69	54.42 2.53 -19.01	55.56 2.15 -21.79	54.38 1.68 -26.13	54.98 1.97 -19.58	43.92 1.53 -11.21	36.53 1.63 -2.84	31.73 1.66 -0.37
BAYONEEC___CTG3 323684	31.26 1.54 0.00	27.54 1.53 0.00	28.51 1.42 -0.75	26.89 1.38 -0.03	25.15 1.20 0.00	25.60 1.24 0.00	23.77 1.24 0.00	24.76 1.31 0.00	27.35 1.52 0.00	28.15 1.61 -0.61	30.14 1.75 -0.69	31.26 1.78 -0.37	35.30 1.83 -1.42	38.04 1.99 -1.13	40.00 2.03 -3.56	40.80 1.93 -10.06	48.67 2.51 -12.69	54.42 2.53 -19.01	55.56 2.15 -21.79	54.38 1.68 -26.13	54.98 1.97 -19.58	43.92 1.53 -11.21	36.53 1.63 -2.84	31.73 1.66 -0.37
BAYONEEC___CTG4 323685	31.26 1.54 0.00	27.54 1.53 0.00	28.51 1.42 -0.75	26.89 1.38 -0.03	25.15 1.20 0.00	25.60 1.24 0.00	23.77 1.24 0.00	24.76 1.31 0.00	27.35 1.52 0.00	28.15 1.61 -0.61	30.14 1.75 -0.69	31.26 1.78 -0.37	35.30 1.83 -1.42	38.04 1.99 -1.13	40.00 2.03 -3.56	40.80 1.93 -10.06	48.67 2.51 -12.69	54.42 2.53 -19.01	55.56 2.15 -21.79	54.38 1.68 -26.13	54.98 1.97 -19.58	43.92 1.53 -11.21	36.53 1.63 -2.84	31.73 1.66 -0.37
BAYONEEC___CTG5 323686	31.26 1.54 0.00	27.54 1.53 0.00	28.51 1.42 -0.75	26.89 1.38 -0.03	25.15 1.20 0.00	25.60 1.24 0.00	23.77 1.24 0.00	24.76 1.31 0.00	27.35 1.52 0.00	28.15 1.61 -0.61	30.14 1.75 -0.69	31.26 1.78 -0.37	35.30 1.83 -1.42	38.04 1.99 -1.13	40.00 2.03 -3.56	40.80 1.93 -10.06	48.67 2.51 -12.69	54.42 2.53 -19.01	55.56 2.15 -21.79	54.38 1.68 -26.13	54.98 1.97 -19.58	43.92 1.53 -11.21	36.53 1.63 -2.84	31.73 1.66 -0.37
BAYONEEC___CTG6 323687	31.26 1.54 0.00	27.54 1.53 0.00	28.51 1.42 -0.75	26.89 1.38 -0.03	25.15 1.20 0.00	25.60 1.24 0.00	23.77 1.24 0.00	24.76 1.31 0.00	27.35 1.52 0.00	28.15 1.61 -0.61	30.14 1.75 -0.69	31.26 1.78 -0.37	35.30 1.83 -1.42	38.04 1.99 -1.13	40.00 2.03 -3.56	40.80 1.93 -10.06	48.67 2.51 -12.69	54.42 2.53 -19.01	55.56 2.15 -21.79	54.38 1.68 -26.13	54.98 1.97 -19.58	43.92 1.53 -11.21	36.53 1.63 -2.84	31.73 1.66 -0.37
BAYONEEC___CTG7 323688	31.26 1.54 0.00	27.54 1.53 0.00	28.51 1.42 -0.75	26.89 1.38 -0.03	25.15 1.20 0.00	25.60 1.24 0.00	23.77 1.24 0.00	24.76 1.31 0.00	27.35 1.52 0.00	28.15 1.61 -0.61	30.14 1.75 -0.69	31.26 1.78 -0.37	35.30 1.83 -1.42	38.04 1.99 -1.13	40.00 2.03 -3.56	40.80 1.93 -10.06	48.67 2.51 -12.69	54.42 2.53 -19.01	55.56 2.15 -21.79	54.38 1.68 -26.13	54.98 1.97 -19.58	43.92 1.53 -11.21	36.53 1.63 -2.84	31.73 1.66 -0.37
BAYONEEC___CTG8 323689	31.26 1.54 0.00	27.54 1.53 0.00	28.51 1.42 -0.75	26.89 1.38 -0.03	25.15 1.20 0.00	25.60 1.24 0.00	23.77 1.24 0.00	24.76 1.31 0.00	27.35 1.52 0.00	28.15 1.61 -0.61	30.14 1.75 -0.69	31.26 1.78 -0.37	35.30 1.83 -1.42	38.04 1.99 -1.13	40.00 2.03 -3.56	40.80 1.93 -10.06	48.67 2.51 -12.69	54.42 2.53 -19.01	55.56 2.15 -21.79	54.38 1.68 -26.13	54.98 1.97 -19.58	43.92 1.53 -11.21	36.53 1.63 -2.84	31.73 1.66 -0.37
BAYONEEC___CTG9 323749	31.26 1.54 0.00	27.54 1.53 0.00	28.51 1.42 -0.75	26.89 1.38 -0.03	25.15 1.20 0.00	25.60 1.24 0.00	23.77 1.24 0.00	24.76 1.31 0.00	27.35 1.52 0.00	28.15 1.61 -0.61	30.14 1.75 -0.69	31.26 1.78 -0.37	35.30 1.83 -1.42	38.04 1.99 -1.13	40.00 2.03 -3.56	40.80 1.93 -10.06	48.67 2.51 -12.69	54.42 2.53 -19.01	55.56 2.15 -21.79	54.38 1.68 -26.13	54.98 1.97 -19.58	43.92 1.53 -11.21	36.53 1.63 -2.84	31.73 1.66 -0.37

BEACON___LESR 323632	30.87 1.16 0.00	27.07 1.07 0.00	29.00 1.16 -1.51	26.72 1.17 -0.06	24.99 1.03 0.00	25.43 1.07 0.00	23.55 1.01 0.00	24.46 1.01 0.00	21.78 1.08 5.13	21.28 1.17 5.82	29.56 1.22 -0.65	29.64 1.28 0.75	30.62 1.41 2.84	30.63 1.50 5.79	31.63 1.55 4.34	36.40 1.33 -6.26	43.07 1.57 -8.03	72.47 1.51 -38.08	76.66 1.39 -43.65	80.04 1.12 -52.35	74.06 1.40 -39.22	54.85 1.21 -22.45	38.99 1.25 -5.68	31.63 1.19 -0.74
BEAVER RIVER___HYD 24048	30.46 0.74 0.00	26.55 0.55 0.00	26.91 0.58 0.00	25.97 0.48 0.00	24.51 0.55 0.00	24.87 0.51 0.00	22.91 0.38 0.00	23.66 0.21 0.00	26.01 0.18 0.00	26.06 0.13 0.00	27.95 0.25 0.00	29.41 0.29 0.00	32.82 0.42 -0.35	36.05 0.49 -0.64	35.46 0.58 -0.46	29.18 0.37 0.00	34.67 0.50 -0.70	34.18 0.66 -0.65	33.06 0.92 -0.52	27.37 0.80 0.00	34.47 1.04 0.00	32.27 1.09 0.00	32.96 0.90 0.00	30.70 0.77 -0.23
BEEBEE_GT_13 23619	29.98 0.27 0.00	25.95 -0.05 0.00	26.48 0.05 -0.09	25.00 -0.48 0.00	23.53 -0.43 0.00	23.75 -0.61 0.00	22.03 -0.50 0.00	23.01 -0.45 0.00	25.26 -0.57 0.00	25.67 -0.34 -0.07	27.56 -0.22 -0.08	28.98 -0.17 -0.04	32.00 -0.22 -0.17	34.81 -0.24 -0.14	35.01 0.17 -0.43	30.85 0.84 -1.20	35.98 1.00 -1.51	36.13 0.99 -2.26	35.42 1.20 -2.60	30.80 1.12 -3.11	36.97 1.20 -2.33	33.01 0.50 -1.33	32.65 0.26 -0.34	29.98 0.24 -0.04
BENSHRST_27_KV_BENSHRST_1 355998	31.79 2.08 0.00	27.98 1.98 0.00	28.93 1.84 -0.75	27.22 1.71 -0.03	25.44 1.49 0.00	25.82 1.46 0.00	23.95 1.42 0.00	24.90 1.45 0.00	27.53 1.70 0.00	28.38 1.84 -0.61	30.50 2.11 -0.69	31.58 2.10 -0.37	35.78 2.31 -1.42	38.50 2.44 -1.14	40.46 2.48 -3.57	41.18 2.30 -10.07	49.20 3.05 -12.69	54.98 3.09 -19.01	56.07 2.66 -21.79	54.79 2.07 -26.14	55.49 2.47 -19.59	44.23 1.84 -11.21	36.98 2.08 -2.84	32.15 2.08 -0.37
BETHLEHEM___GRP 23843	30.43 0.71 0.00	26.73 0.73 0.00	28.73 0.90 -1.50	26.42 0.87 -0.06	24.72 0.77 0.00	25.16 0.80 0.00	23.27 0.74 0.00	24.20 0.75 0.00	21.99 0.75 4.59	21.65 0.80 5.08	29.19 0.78 -0.72	29.33 0.82 0.60	30.70 0.90 2.26	30.91 0.94 4.95	32.17 0.93 3.17	37.23 0.84 -7.58	44.08 0.94 -9.68	71.54 0.92 -37.74	75.68 0.79 -43.27	79.10 0.64 -51.89	73.11 0.80 -38.88	54.09 0.65 -22.25	38.40 0.71 -5.63	31.15 0.71 -0.74
BETHLEHEM___GS1 323560	30.40 0.68 0.00	26.71 0.70 0.00	28.67 0.84 -1.50	26.42 0.87 -0.06	24.72 0.77 0.00	25.16 0.80 0.00	23.27 0.74 0.00	24.20 0.75 0.00	21.99 0.75 4.59	21.66 0.80 5.08	29.22 0.80 -0.72	29.33 0.81 0.60	30.69 0.90 2.26	30.87 0.91 4.95	32.17 0.93 3.17	37.23 0.84 -7.58	44.08 0.94 -9.68	71.54 0.92 -37.74	75.68 0.79 -43.27	79.10 0.64 -51.89	73.11 0.80 -38.88	54.09 0.66 -22.25	38.40 0.70 -5.63	31.15 0.71 -0.74
BETHLEHEM___GS2 323561	30.40 0.68 0.00	26.71 0.70 0.00	28.67 0.84 -1.50	26.42 0.87 -0.06	24.72 0.77 0.00	25.16 0.80 0.00	23.27 0.74 0.00	24.20 0.75 0.00	21.99 0.75 4.59	21.66 0.80 5.08	29.22 0.80 -0.72	29.33 0.81 0.60	30.69 0.90 2.26	30.87 0.91 4.95	32.17 0.93 3.17	37.23 0.84 -7.58	44.08 0.94 -9.68	71.54 0.92 -37.74	75.68 0.79 -43.27	79.10 0.64 -51.89	73.11 0.80 -38.88	54.09 0.66 -22.25	38.40 0.70 -5.63	31.15 0.71 -0.74
BETHLEHEM___GS3 323562	30.40 0.68 0.00	26.71 0.70 0.00	28.67 0.84 -1.50	26.42 0.87 -0.06	24.72 0.77 0.00	25.16 0.80 0.00	23.27 0.74 0.00	24.20 0.75 0.00	21.99 0.75 4.59	21.66 0.80 5.08	29.22 0.80 -0.72	29.33 0.81 0.60	30.69 0.90 2.26	30.87 0.91 4.95	32.17 0.93 3.17	37.23 0.84 -7.58	44.08 0.94 -9.68	71.54 0.92 -37.74	75.68 0.79 -43.27	79.10 0.64 -51.89	73.11 0.80 -38.88	54.09 0.66 -22.25	38.40 0.70 -5.63	31.15 0.71 -0.74
BETHLEHEM___STEEL 23779	30.07 0.36 0.00	25.88 -0.13 0.00	26.52 0.05 -0.13	24.80 -0.69 -0.01	23.38 -0.57 0.00	23.60 -0.76 0.00	21.90 -0.63 0.00	22.82 -0.63 0.00	25.00 -0.83 0.00	25.46 -0.57 -0.10	27.21 -0.61 -0.12	28.68 -0.49 -0.06	31.66 -0.64 -0.24	34.35 -0.77 -0.19	34.82 -0.21 -0.61	31.33 0.81 -1.71	36.56 0.94 -2.16	37.03 0.92 -3.23	36.75 1.42 -3.71	32.32 1.30 -4.44	37.83 1.07 -3.33	33.15 0.06 -1.91	32.38 -0.16 -0.48	29.85 0.09 -0.06
BETHLHEM_115KV_TB1 79974	30.49 0.77 0.00	26.79 0.78 0.00	28.72 0.92 -1.46	26.44 0.89 -0.06	24.72 0.77 0.00	25.18 0.83 0.00	23.30 0.77 0.00	24.22 0.77 0.00	22.35 0.77 4.25	22.11 0.83 4.65	29.26 0.83 -0.73	29.47 0.87 0.52	31.03 0.93 1.96	31.41 0.98 4.48	32.81 1.00 2.60	37.71 0.89 -8.01	44.68 1.00 -10.21	70.71 0.99 -36.85	74.71 0.85 -42.24	77.92 0.69 -50.66	72.29 0.90 -37.96	53.62 0.72 -21.73	38.33 0.77 -5.50	31.22 0.80 -0.72
BETHPAGE_CC_5 323564	37.21 2.17 -5.33	34.16 2.11 -6.05	29.38 2.03 -1.01	27.55 2.01 -0.05	25.77 1.75 -0.06	26.24 1.88 -0.01	24.34 1.80 -0.01	25.36 1.90 -0.01	28.41 2.07 -0.52	33.24 2.08 -5.23	40.38 2.27 -10.44	40.86 2.27 -9.47	41.90 2.41 -7.44	43.14 2.58 -5.64	43.38 2.61 -6.35	44.07 2.42 -12.84	53.46 3.05 -16.95	55.57 3.16 -19.53	56.20 2.78 -21.80	54.74 2.02 -26.15	55.06 2.04 -19.59	44.20 1.81 -11.21	41.00 2.34 -6.60	38.09 2.35 -6.05
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	30.10 0.39 0.00	25.93 -0.08 0.00	26.57 0.11 -0.13	24.85 -0.64 -0.01	23.43 -0.53 0.00	23.63 -0.73 0.00	21.94 -0.59 0.00	22.84 -0.61 0.00	25.05 -0.77 0.00	25.49 -0.54 -0.11	27.26 -0.55 -0.12	28.74 -0.44 -0.06	31.72 -0.58 -0.25	34.45 -0.66 -0.20	34.93 -0.10 -0.62	31.41 0.86 -1.74	36.70 1.04 -2.19	37.18 1.02 -3.28	36.90 1.52 -3.76	32.44 1.36 -4.51	37.95 1.14 -3.38	33.27 0.16 -1.93	32.45 -0.10 -0.49	29.91 0.15 -0.06
BINGHAMTON___COGEN 23790	30.19 0.48 0.00	26.29 0.29 0.00	26.92 0.32 -0.27	25.55 0.05 -0.01	24.03 0.07 0.00	24.38 0.02 0.00	22.55 0.02 0.00	23.45 0.00 0.00	25.83 0.00 0.00	26.25 0.10 -0.22	28.11 0.17 -0.25	29.45 0.20 -0.13	33.10 0.29 -0.76	36.10 0.31 -0.87	36.53 0.52 -1.60	33.15 0.78 -3.56	39.44 0.97 -5.00	41.09 1.02 -7.19	40.81 1.11 -8.08	36.80 0.98 -9.24	41.42 1.07 -6.92	35.77 0.62 -3.96	33.51 0.45 -1.00	30.44 0.45 -0.30
BIXINCNT_115KV_LOAD 355685	30.13 0.42 0.00	25.95 -0.05 0.00	26.61 0.13 -0.14	24.93 -0.56 -0.01	23.53 -0.43 0.00	23.75 -0.61 0.00	22.06 -0.47 0.00	22.93 -0.52 0.00	25.18 -0.65 0.00	25.65 -0.39 -0.11	27.41 -0.42 -0.13	28.86 -0.32 -0.07	31.84 -0.48 -0.26	34.57 -0.56 -0.21	35.07 0.00 -0.66	31.59 0.92 -1.85	36.94 1.14 -2.34	37.50 1.12 -3.50	37.31 1.68 -4.01	32.84 1.46 -4.81	38.30 1.27 -3.60	33.52 0.28 -2.06	32.58 0.00 -0.52	29.91 0.15 -0.07
BLACK RIVER___HYD 24047	30.75 1.04 0.00	26.76 0.75 0.00	27.07 0.74 0.00	26.12 0.64 0.00	24.68 0.72 0.00	25.04 0.68 0.00	23.00 0.47 0.00	23.69 0.23 0.00	26.03 0.21 0.00	26.11 0.18 0.00	28.00 0.31 0.00	29.52 0.41 0.00	33.25 0.64 -0.55	36.63 0.70 -1.01	36.00 0.86 -0.73	29.62 0.81 0.00	35.60 1.04 -1.10	35.22 1.32 -1.02	34.09 1.64 -0.82	28.01 1.43 0.00	35.24 1.80 0.00	32.83 1.65 0.00	33.38 1.31 0.00	31.16 1.10 -0.36

BLACKRVR_115KV_TB2 79977	30.69 0.98 0.00	26.79 0.78 0.00	27.12 0.79 0.00	26.12 0.64 0.00	24.68 0.72 0.00	25.04 0.68 0.00	23.00 0.47 0.00	23.69 0.23 0.00	26.03 0.21 0.00	26.11 0.18 0.00	28.00 0.30 0.00	29.52 0.41 0.00	33.25 0.64 -0.55	36.63 0.70 -1.01	36.00 0.86 -0.73	29.65 0.84 0.00	35.60 1.04 -1.10	35.21 1.32 -1.02	34.12 1.68 -0.82	28.01 1.43 0.00	35.27 1.84 0.00	32.86 1.68 0.00	33.37 1.31 0.00	31.15 1.10 -0.36
BLISS_WT_PWR 323608	30.10 0.39 0.00	25.85 -0.16 0.00	25.66 -0.82 -0.14	24.93 -0.56 -0.01	23.53 -0.43 0.00	23.75 -0.61 0.00	22.06 -0.47 0.00	22.82 -0.63 0.00	25.18 -0.64 0.00	25.65 -0.39 -0.11	27.38 -0.44 -0.13	28.80 -0.38 -0.07	31.74 -0.58 -0.26	34.50 -0.63 -0.21	35.00 -0.07 -0.66	31.50 0.84 -1.85	36.84 1.04 -2.34	37.40 1.02 -3.50	37.18 1.55 -4.01	32.76 1.38 -4.81	38.24 1.20 -3.60	33.43 0.19 -2.06	32.49 -0.10 -0.52	29.82 0.06 -0.07
BLUE_CIRC_CHEM_DRP 24182	30.93 1.22 0.00	27.15 1.14 0.00	28.84 1.21 -1.30	26.69 1.15 -0.06	24.96 1.01 0.00	25.43 1.07 0.00	23.52 0.99 0.00	24.41 0.96 0.00	23.88 1.06 3.01	23.97 1.11 3.07	29.65 1.19 -0.76	30.13 1.25 0.24	32.55 1.38 0.88	33.62 1.47 2.77	35.35 1.51 0.58	39.31 1.30 -9.20	46.62 1.47 -11.68	67.00 1.41 -32.71	70.41 1.30 -37.49	72.60 1.06 -44.97	68.49 1.37 -33.69	51.65 1.18 -19.28	38.19 1.25 -4.88	31.55 1.22 -0.64
BOC_GAS_DRP 24189	30.63 0.92 0.00	26.89 0.88 0.00	28.52 0.92 -1.26	26.41 0.87 -0.05	24.72 0.77 0.00	25.16 0.80 0.00	23.30 0.77 0.00	24.20 0.75 0.00	24.24 0.83 2.41	24.53 0.88 2.28	29.46 0.94 -0.82	30.00 0.96 0.08	32.83 1.06 0.28	34.16 1.12 1.88	36.15 1.14 -0.60	40.23 1.04 -10.38	47.79 1.17 -13.15	65.90 1.15 -31.87	69.16 1.01 -36.53	71.21 0.82 -43.81	67.33 1.07 -32.83	50.84 0.87 -18.79	37.75 0.93 -4.76	31.24 0.92 -0.62
BOONVILLE_115KV_TB1 79983	30.52 0.80 0.00	26.66 0.65 0.00	26.99 0.66 0.00	26.02 0.54 0.00	24.53 0.57 0.00	24.92 0.56 0.00	22.98 0.45 0.00	23.83 0.38 0.00	26.24 0.41 0.00	26.37 0.44 0.00	28.28 0.58 0.00	29.75 0.64 0.00	33.08 0.90 -0.13	36.17 1.01 -0.24	35.72 1.14 -0.17	29.85 1.04 0.00	34.96 1.24 -0.26	34.43 1.32 -0.24	33.17 1.36 -0.19	27.71 1.14 0.00	34.84 1.40 0.00	32.33 1.15 0.00	33.05 0.99 0.00	30.64 0.86 -0.08
BORALEX_4TH_BRANCH 23824	31.59 1.87 0.00	27.72 1.72 0.00	29.74 1.63 -1.77	27.14 1.58 -0.08	25.39 1.44 0.00	25.82 1.46 0.00	23.95 1.42 0.00	24.86 1.41 0.00	34.95 1.63 -7.49	39.40 1.68 -11.79	32.32 1.86 -2.77	34.14 1.95 -3.08	45.90 2.08 -11.77	51.76 2.27 -14.57	62.15 2.27 -25.46	75.67 2.02 -44.84	91.99 2.17 -56.35	79.80 2.24 -44.68	84.93 2.09 -51.22	89.71 1.70 -61.43	81.57 2.11 -46.03	59.43 1.90 -26.34	40.72 1.99 -6.67	32.50 1.93 -0.87
BOWLINE___1 23526	31.08 1.37 0.00	27.33 1.33 0.00	28.33 1.26 -0.73	26.71 1.20 -0.03	24.99 1.03 0.00	25.43 1.07 0.00	23.59 1.06 0.00	24.55 1.10 0.00	27.12 1.29 0.00	27.87 1.35 -0.60	29.89 1.52 -0.67	30.99 1.51 -0.36	35.00 1.57 -1.38	37.70 1.68 -1.11	39.56 1.69 -3.46	40.21 1.64 -9.76	47.82 2.04 -12.31	53.43 2.11 -18.44	54.56 1.80 -21.14	53.33 1.41 -25.35	54.07 1.64 -19.00	43.30 1.25 -10.87	36.19 1.38 -2.75	31.51 1.45 -0.36
BOWLINE___2 23595	31.08 1.37 0.00	27.33 1.33 0.00	28.33 1.26 -0.73	26.71 1.20 -0.03	24.99 1.03 0.00	25.43 1.07 0.00	23.59 1.06 0.00	24.55 1.10 0.00	27.12 1.29 0.00	27.87 1.35 -0.60	29.89 1.52 -0.67	31.01 1.54 -0.36	35.03 1.60 -1.38	37.74 1.71 -1.11	39.63 1.75 -3.46	40.24 1.67 -9.76	47.89 2.11 -12.31	53.46 2.14 -18.44	54.60 1.83 -21.14	53.36 1.43 -25.36	54.13 1.70 -19.00	43.36 1.31 -10.87	36.22 1.41 -2.75	31.51 1.45 -0.36
BRADY___115KV_TB2 356060	29.98 0.27 0.00	26.37 0.36 0.00	26.68 0.34 0.00	25.99 0.51 0.00	24.51 0.55 0.00	24.92 0.56 0.00	22.98 0.45 0.00	23.92 0.47 0.00	26.26 0.44 0.00	26.29 0.36 0.00	28.06 0.36 0.00	29.43 0.32 0.00	32.25 0.19 0.00	35.20 0.28 0.00	34.59 0.17 0.00	28.15 -0.66 0.00	32.63 -0.84 0.00	31.89 -0.99 0.00	30.80 -0.82 0.00	25.91 -0.66 0.00	32.76 -0.67 0.00	31.43 0.25 0.00	32.32 0.26 0.00	30.02 0.33 0.00
BRANSCOMB___SOLAR 323811	31.82 2.11 0.00	27.88 1.87 0.00	30.25 1.79 -2.12	27.31 1.73 -0.09	25.51 1.56 0.00	25.96 1.61 0.00	24.06 1.53 0.00	24.95 1.50 0.00	33.19 1.73 -5.63	37.26 1.81 -9.52	32.46 1.94 -2.83	33.86 2.04 -2.71	44.63 2.21 -10.37	49.54 2.44 -12.17	59.75 2.37 -22.97	75.43 2.10 -44.52	91.93 2.48 -55.99	88.81 2.37 -53.56	95.49 2.47 -61.40	102.42 2.20 -73.64	91.35 2.74 -55.18	65.22 2.46 -31.58	42.53 2.47 -8.00	33.03 2.29 -1.05
BRENTWOD_69_KV_W. BRTWOOD 56703	37.98 2.94 -5.33	34.73 2.68 -6.05	29.98 2.63 -1.01	28.01 2.47 -0.05	26.20 2.18 -0.06	26.65 2.29 0.00	24.72 2.19 0.00	25.73 2.27 0.00	28.88 2.53 -0.52	33.83 2.67 -5.23	41.02 2.88 -10.44	42.30 2.88 -10.30	43.32 3.01 -8.25	43.90 3.18 -5.80	43.97 3.20 -6.35	45.00 2.88 -13.31	54.00 3.58 -16.95	57.87 3.62 -21.37	56.49 3.07 -21.80	54.95 2.23 -26.15	55.40 2.37 -19.59	44.61 2.21 -11.21	41.67 3.01 -6.60	38.72 2.97 -6.05
BRISTLHL_115KV_TB1 79998	29.33 -0.39 0.00	25.59 -0.42 0.00	25.94 -0.40 0.00	24.92 -0.56 0.00	23.48 -0.48 0.00	23.82 -0.54 0.00	22.03 -0.50 0.00	22.89 -0.56 0.00	25.23 -0.59 0.00	25.41 -0.52 0.00	27.17 -0.53 0.00	28.62 -0.49 0.00	32.76 -0.45 -1.15	36.53 -0.49 -2.10	35.58 -0.34 -1.51	28.75 -0.06 0.00	35.73 -0.03 -2.29	35.04 0.03 -2.12	33.46 0.13 -1.72	26.70 0.13 0.00	33.53 0.10 0.00	31.06 -0.12 0.00	31.74 -0.32 0.00	30.09 -0.36 -0.75
BROOKHAVEN___DRP 24191	38.10 3.06 -5.33	34.86 2.81 -6.05	30.14 2.79 -1.01	28.14 2.60 -0.05	26.32 2.30 -0.06	26.77 2.41 0.00	24.81 2.28 0.00	25.87 2.42 0.00	29.03 2.69 -0.52	33.99 2.83 -5.23	41.25 3.10 -10.45	45.92 3.09 -13.72	46.84 3.21 -11.58	44.72 3.32 -6.48	44.00 3.23 -6.35	47.01 2.97 -15.24	54.06 3.65 -16.95	65.61 3.81 -28.92	56.71 3.29 -21.80	55.08 2.36 -26.15	55.53 2.51 -19.59	44.79 2.40 -11.21	41.86 3.21 -6.60	38.84 3.09 -6.05
BROOKLYN_NAVY_YARD 23515	31.26 1.54 0.00	27.54 1.53 0.00	28.51 1.42 -0.75	26.87 1.35 -0.03	25.15 1.20 0.00	25.60 1.24 0.00	23.79 1.26 0.00	24.79 1.34 0.00	27.38 1.55 0.00	28.18 1.63 -0.61	30.14 1.75 -0.69	31.23 1.75 -0.37	35.33 1.86 -1.42	38.08 2.02 -1.14	40.05 2.06 -3.57	40.84 1.96 -10.07	48.70 2.54 -12.69	54.46 2.57 -19.01	55.60 2.18 -21.79	54.44 1.73 -26.14	55.02 2.01 -19.58	43.92 1.53 -11.21	36.56 1.67 -2.84	31.76 1.69 -0.37
BROOKLYN___ARMY_DRP 323595	31.64 1.93 0.00	27.88 1.87 0.00	28.83 1.74 -0.75	27.12 1.61 -0.03	25.35 1.39 0.00	25.72 1.36 0.00	23.86 1.33 0.00	24.81 1.36 0.00	27.43 1.60 0.00	28.25 1.71 -0.61	30.36 1.97 -0.69	31.46 1.98 -0.37	35.62 2.15 -1.42	38.33 2.27 -1.14	40.25 2.27 -3.57	41.04 2.16 -10.07	49.00 2.84 -12.69	54.79 2.89 -19.01	55.88 2.47 -21.79	54.63 1.91 -26.14	55.29 2.27 -19.59	44.07 1.68 -11.21	36.82 1.92 -2.84	32.03 1.96 -0.37

BROOKVLE_69_KV_TB1 55790	37.30 2.26 -5.33	34.13 2.08 -6.05	29.37 2.03 -1.01	27.45 1.91 -0.05	25.67 1.65 -0.06	26.11 1.75 0.00	24.22 1.69 0.00	25.23 1.78 0.00	28.33 1.99 -0.52	33.21 2.05 -5.23	40.38 2.24 -10.44	40.75 2.30 -9.34	41.83 2.47 -7.30	43.25 2.72 -5.61	43.55 2.79 -6.35	44.13 2.56 -12.76	53.60 3.18 -16.95	55.36 3.26 -19.22	56.24 2.81 -21.80	54.82 2.10 -26.15	55.36 2.34 -19.59	44.36 1.96 -11.21	40.93 2.28 -6.60	37.98 2.23 -6.05
BROOME_2_LFGE 323671	30.16 0.45 0.00	26.24 0.23 0.00	26.63 0.03 -0.27	25.55 0.05 -0.01	24.03 0.07 0.00	24.41 0.05 0.00	22.55 0.02 0.00	23.43 -0.02 0.00	25.83 0.00 0.00	26.25 0.10 -0.22	28.08 0.14 -0.25	29.45 0.21 -0.13	33.07 0.26 -0.76	36.06 0.28 -0.87	36.49 0.48 -1.60	33.12 0.75 -3.56	39.40 0.94 -5.00	41.05 0.99 -7.19	40.78 1.08 -8.08	36.77 0.96 -9.24	41.39 1.04 -6.92	35.73 0.59 -3.96	33.48 0.42 -1.00	30.44 0.45 -0.30
BROOME___LFGE 323600	30.16 0.45 0.00	26.24 0.23 0.00	26.63 0.03 -0.27	25.55 0.05 -0.01	24.03 0.07 0.00	24.41 0.05 0.00	22.55 0.02 0.00	23.43 -0.02 0.00	25.83 0.00 0.00	26.25 0.10 -0.22	28.08 0.14 -0.25	29.45 0.21 -0.13	33.07 0.26 -0.76	36.06 0.28 -0.87	36.49 0.48 -1.60	33.12 0.75 -3.56	39.40 0.94 -5.00	41.05 0.99 -7.19	40.78 1.08 -8.08	36.77 0.96 -9.24	41.39 1.04 -6.92	35.73 0.59 -3.96	33.48 0.42 -1.00	30.44 0.45 -0.30
BROWNFLS_115KV_TB_3_5 80003	30.13 0.42 0.00	26.40 0.39 0.00	26.73 0.40 0.00	25.92 0.43 0.00	24.46 0.50 0.00	24.84 0.49 0.00	22.91 0.38 0.00	23.76 0.30 0.00	26.08 0.26 0.00	26.14 0.21 0.00	27.95 0.25 0.00	29.38 0.26 0.00	32.55 0.26 -0.24	35.67 0.31 -0.44	35.04 0.31 -0.32	28.67 -0.14 0.00	33.78 -0.17 -0.48	33.19 -0.13 -0.44	32.04 0.06 -0.36	26.65 0.08 0.00	33.63 0.20 0.00	31.84 0.65 0.00	32.57 0.51 0.00	30.36 0.50 -0.16
BROWNSV1_27_KV_LOAD 356125	31.64 1.93 0.00	27.83 1.82 0.00	28.83 1.74 -0.75	27.10 1.58 -0.03	25.35 1.39 0.00	25.79 1.44 0.00	23.95 1.42 0.00	24.95 1.50 0.00	27.56 1.73 0.00	28.38 1.84 -0.61	30.44 2.05 -0.69	31.55 2.07 -0.37	35.65 2.18 -1.42	38.47 2.41 -1.14	40.42 2.44 -3.57	41.15 2.28 -10.07	49.07 2.91 -12.69	54.82 2.93 -19.01	55.94 2.53 -21.79	54.71 1.99 -26.14	55.42 2.41 -19.58	44.23 1.84 -11.21	36.85 1.96 -2.84	32.03 1.96 -0.37
BURROWS___LYONSDAL 23803	30.49 0.77 0.00	26.63 0.62 0.00	26.97 0.63 0.00	26.02 0.54 0.00	24.53 0.57 0.00	24.92 0.56 0.00	22.98 0.45 0.00	23.78 0.33 0.00	26.19 0.36 0.00	26.29 0.36 0.00	28.20 0.50 0.00	29.67 0.55 0.00	33.01 0.77 -0.18	36.13 0.87 -0.33	35.65 1.00 -0.24	29.70 0.89 0.00	34.90 1.07 -0.36	34.37 1.15 -0.34	33.16 1.26 -0.27	27.63 1.06 0.00	34.74 1.30 0.00	32.33 1.15 0.00	33.02 0.96 0.00	30.65 0.83 -0.12
CAITHNESS_CC_1 323624	37.89 2.85 -5.33	34.73 2.68 -6.05	29.93 2.58 -1.01	28.04 2.50 -0.05	26.22 2.20 -0.06	26.68 2.32 -0.01	24.75 2.21 -0.01	25.78 2.32 -0.01	28.93 2.58 -0.52	33.81 2.65 -5.23	41.09 2.93 -10.45	45.75 2.94 -13.70	46.66 3.05 -11.56	44.54 3.14 -6.48	43.87 3.10 -6.35	46.86 2.83 -15.22	53.96 3.55 -16.95	65.39 3.65 -28.86	56.68 3.26 -21.80	55.11 2.39 -26.15	55.40 2.37 -19.59	44.67 2.27 -11.21	41.70 3.05 -6.60	38.72 2.97 -6.05
CALPINE BETH_PAGE_GT4 24209	37.24 2.20 -5.33	34.21 2.16 -6.05	29.45 2.11 -1.01	27.52 1.99 -0.05	25.75 1.72 -0.06	26.21 1.85 0.00	24.33 1.80 0.00	25.33 1.88 0.00	28.41 2.07 -0.52	33.24 2.07 -5.23	40.36 2.22 -10.44	40.81 2.24 -9.45	41.84 2.37 -7.42	43.14 2.58 -5.63	43.38 2.62 -6.35	44.05 2.42 -12.82	53.43 3.01 -16.95	55.52 3.16 -19.48	56.11 2.69 -21.80	54.66 1.94 -26.15	55.06 2.04 -19.59	44.17 1.78 -11.21	40.97 2.31 -6.60	38.04 2.29 -6.05
CALPINE_BETH_PAGE_GT_4 323586	37.18 2.14 -5.33	34.16 2.11 -6.05	29.38 2.03 -1.01	27.53 1.99 -0.05	25.75 1.73 -0.06	26.21 1.85 -0.01	24.34 1.80 -0.01	25.34 1.88 -0.01	28.41 2.07 -0.52	33.21 2.05 -5.23	40.33 2.19 -10.44	40.81 2.24 -9.45	41.84 2.37 -7.42	43.14 2.58 -5.63	43.35 2.58 -6.35	44.06 2.42 -12.82	53.46 3.05 -16.95	55.52 3.16 -19.48	56.17 2.75 -21.80	54.74 2.02 -26.15	55.06 2.04 -19.59	44.20 1.81 -11.21	40.97 2.31 -6.60	38.07 2.32 -6.05
CALPINE_BP_GT1 23823	37.18 2.14 -5.33	34.16 2.11 -6.05	29.38 2.03 -1.01	27.53 1.99 -0.05	25.75 1.73 -0.06	26.21 1.85 -0.01	24.34 1.80 -0.01	25.34 1.88 -0.01	28.41 2.07 -0.52	33.21 2.05 -5.23	40.33 2.19 -10.44	40.81 2.24 -9.45	41.84 2.37 -7.42	43.14 2.58 -5.63	43.35 2.58 -6.35	44.06 2.42 -12.82	53.46 3.05 -16.95	55.52 3.16 -19.48	56.17 2.75 -21.80	54.74 2.02 -26.15	55.06 2.04 -19.59	44.20 1.81 -11.21	40.97 2.31 -6.60	38.07 2.32 -6.05
CALSPAN___DRP 24200	30.07 0.36 0.00	25.88 -0.13 0.00	26.52 0.05 -0.13	24.80 -0.69 -0.01	23.38 -0.57 0.00	23.60 -0.76 0.00	21.90 -0.63 0.00	22.82 -0.63 0.00	25.00 -0.83 0.00	25.46 -0.57 -0.10	27.21 -0.61 -0.12	28.68 -0.49 -0.06	31.66 -0.64 -0.24	34.35 -0.77 -0.19	34.82 -0.21 -0.61	31.33 0.81 -1.71	36.56 0.94 -2.16	37.03 0.92 -3.23	36.75 1.42 -3.71	32.32 1.30 -4.44	37.83 1.07 -3.33	33.15 0.06 -1.91	32.38 -0.16 -0.48	29.85 0.09 -0.06
CALVERTON___SOLAR 323806	38.19 3.15 -5.33	34.97 2.91 -6.05	30.17 2.82 -1.01	28.26 2.73 -0.05	26.46 2.44 -0.06	26.90 2.53 -0.01	24.95 2.41 -0.01	25.99 2.53 -0.01	29.16 2.82 -0.52	34.07 2.90 -5.23	41.39 3.24 -10.45	46.07 3.23 -13.73	47.04 3.40 -11.59	44.93 3.53 -6.49	44.18 3.41 -6.35	47.16 3.11 -15.24	54.33 3.91 -16.95	65.86 4.04 -28.94	57.06 3.63 -21.80	55.40 2.68 -26.15	55.73 2.71 -19.59	45.01 2.62 -11.21	42.09 3.43 -6.60	39.05 3.30 -6.05
CANDIGU_WT_PWR 323617	30.25 0.54 0.00	26.11 0.10 0.00	26.14 -0.37 -0.17	25.24 -0.25 -0.01	23.79 -0.17 0.00	24.07 -0.29 0.00	22.28 -0.25 0.00	23.07 -0.38 0.00	25.44 -0.39 0.00	25.81 -0.26 -0.14	27.61 -0.25 -0.16	28.97 -0.23 -0.09	32.26 -0.26 -0.46	35.19 -0.24 -0.51	35.55 0.14 -1.00	31.91 0.78 -2.32	37.67 1.00 -3.20	38.56 1.05 -4.63	38.23 1.39 -5.22	33.90 1.30 -6.02	39.21 1.27 -4.51	34.26 0.50 -2.58	32.91 0.19 -0.65	30.17 0.30 -0.17
CARR STREET_E._SYR 24060	29.33 -0.39 0.00	25.56 -0.44 0.00	25.79 -0.60 -0.06	24.93 -0.56 0.00	23.53 -0.43 0.00	23.87 -0.49 0.00	22.10 -0.43 0.00	22.96 -0.49 0.00	25.31 -0.52 0.00	25.54 -0.44 -0.05	27.26 -0.50 -0.06	28.68 -0.47 -0.03	32.07 -0.45 -0.46	35.19 -0.45 -0.72	34.89 -0.28 -0.75	29.68 0.03 -0.84	35.25 0.03 -1.75	35.20 0.10 -2.22	34.11 0.16 -2.33	28.91 0.16 -2.18	35.23 0.17 -1.63	32.05 -0.06 -0.93	31.94 -0.35 -0.24	29.63 -0.33 -0.26
CARTHAGE___PAPER 23857	30.58 0.86 0.00	26.63 0.62 0.00	26.99 0.66 0.00	26.02 0.54 0.00	24.58 0.62 0.00	24.94 0.58 0.00	22.96 0.43 0.00	23.66 0.21 0.00	25.98 0.16 0.00	26.03 0.10 0.00	27.92 0.22 0.00	29.41 0.29 0.00	32.95 0.42 -0.48	36.24 0.45 -0.86	35.59 0.55 -0.62	29.24 0.43 0.00	35.01 0.60 -0.94	34.61 0.85 -0.87	33.50 1.17 -0.71	27.61 1.04 0.00	34.77 1.34 0.00	32.52 1.34 0.00	33.15 1.09 0.00	30.90 0.89 -0.31

CASSADAGA_WT_PWR 323784	30.75 1.04 0.00	26.40 0.39 0.00	26.16 -0.31 -0.14	25.41 -0.08 -0.01	23.96 0.00 0.00	24.16 -0.20 0.00	22.49 -0.04 0.00	23.31 -0.14 0.00	25.72 -0.10 0.00	26.20 0.16 -0.11	27.99 0.17 -0.13	29.47 0.29 -0.07	32.50 0.19 -0.26	35.34 0.21 -0.21	35.88 0.82 -0.64	32.30 1.67 -1.82	37.73 1.97 -2.29	38.22 1.91 -3.43	37.99 2.43 -3.93	33.41 2.13 -4.71	38.94 1.97 -3.53	34.07 0.87 -2.02	33.02 0.45 -0.51	30.27 0.50 -0.07
CE_DUNWOOD___DRP 24194	31.35 1.63 0.00	27.54 1.53 0.00	28.56 1.47 -0.75	26.87 1.35 -0.03	25.13 1.17 0.00	25.57 1.22 0.00	23.72 1.19 0.00	24.72 1.27 0.00	27.27 1.45 0.00	28.07 1.53 -0.61	30.11 1.72 -0.69	31.23 1.75 -0.37	35.33 1.86 -1.42	38.08 2.03 -1.14	40.04 2.06 -3.56	40.79 1.93 -10.05	48.54 2.41 -12.67	54.32 2.47 -18.97	55.49 2.12 -21.75	54.31 1.65 -26.09	54.95 1.97 -19.54	43.90 1.53 -11.19	36.56 1.67 -2.83	31.73 1.66 -0.37
CE_MILLWOOD___DRP 24193	31.29 1.57 0.00	27.49 1.48 0.00	28.53 1.45 -0.75	26.84 1.33 -0.03	25.11 1.15 0.00	25.53 1.17 0.00	23.68 1.15 0.00	24.67 1.22 0.00	27.22 1.39 0.00	28.02 1.48 -0.61	30.05 1.66 -0.69	31.17 1.69 -0.37	35.23 1.76 -1.41	38.01 1.96 -1.13	39.92 1.96 -3.55	40.69 1.87 -10.01	48.43 2.34 -12.62	54.15 2.37 -18.90	55.31 2.02 -21.67	54.15 1.59 -25.99	54.81 1.91 -19.47	43.79 1.47 -11.14	36.45 1.57 -2.82	31.64 1.57 -0.37
CE_NYC2_DRP 24202	31.53 1.81 0.00	27.75 1.74 0.00	28.69 1.61 -0.75	27.00 1.48 -0.03	25.25 1.29 0.00	25.65 1.29 0.00	23.79 1.26 0.00	24.76 1.31 0.00	27.38 1.55 0.00	28.18 1.63 -0.61	30.25 1.86 -0.69	31.32 1.83 -0.37	35.43 1.96 -1.42	38.19 2.13 -1.14	40.15 2.17 -3.57	40.92 2.05 -10.07	48.80 2.64 -12.69	54.59 2.70 -19.01	55.69 2.28 -21.79	54.49 1.78 -26.14	55.12 2.11 -19.59	43.95 1.56 -11.21	36.66 1.76 -2.84	31.88 1.81 -0.37
CE_NYC_DRP 24195	31.44 1.72 0.00	27.65 1.64 0.00	28.64 1.55 -0.75	26.94 1.43 -0.03	25.20 1.25 0.00	25.65 1.29 0.00	23.81 1.28 0.00	24.79 1.34 0.00	27.38 1.55 0.00	28.18 1.63 -0.61	30.22 1.83 -0.69	31.32 1.83 -0.37	35.40 1.92 -1.42	38.19 2.13 -1.14	40.15 2.17 -3.57	40.92 2.05 -10.07	48.77 2.61 -12.69	54.52 2.63 -19.01	55.66 2.25 -21.79	54.47 1.75 -26.14	55.09 2.07 -19.58	43.98 1.59 -11.21	36.60 1.70 -2.84	31.79 1.72 -0.37
CHAFFEE___LFGE 323603	30.10 0.39 0.00	25.85 -0.16 0.00	25.57 -0.90 -0.13	24.85 -0.64 -0.01	23.43 -0.53 0.00	23.63 -0.73 0.00	21.94 -0.59 0.00	22.72 -0.73 0.00	25.05 -0.77 0.00	25.49 -0.55 -0.11	27.24 -0.58 -0.12	28.68 -0.50 -0.07	31.63 -0.67 -0.25	34.39 -0.73 -0.20	34.88 -0.17 -0.63	31.43 0.84 -1.78	36.72 1.00 -2.25	37.23 0.99 -3.36	36.93 1.46 -3.86	32.55 1.35 -4.63	38.03 1.14 -3.47	33.29 0.13 -1.98	32.43 -0.13 -0.50	29.91 0.15 -0.07
CHATEAUG_35_KV_LOAD 355732	30.40 0.68 0.00	26.53 0.52 0.00	26.81 0.47 0.00	26.10 0.61 0.00	24.63 0.67 0.00	25.06 0.71 0.00	23.18 0.65 0.00	24.20 0.75 0.00	26.55 0.72 0.00	26.58 0.65 0.00	28.36 0.66 0.00	29.73 0.61 0.00	32.63 0.58 0.00	35.62 0.70 0.00	35.00 0.59 0.00	28.90 0.09 0.00	33.50 0.03 0.00	32.68 -0.20 0.00	31.49 -0.13 0.00	26.49 -0.08 0.00	33.43 0.00 0.00	31.52 0.34 0.00	32.35 0.29 0.00	29.85 0.15 0.00
CHATEAUG_WT_PWR 323614	30.52 0.80 0.00	26.58 0.57 0.00	27.07 0.74 0.00	26.10 0.61 0.00	24.63 0.67 0.00	25.06 0.71 0.00	23.18 0.65 0.00	24.22 0.77 0.00	26.58 0.75 0.00	26.63 0.70 0.00	28.42 0.72 0.00	29.81 0.70 0.00	32.73 0.67 0.00	35.69 0.77 0.00	35.07 0.65 0.00	28.98 0.17 0.00	33.60 0.13 0.00	32.75 -0.13 0.00	31.59 -0.03 0.00	26.55 -0.03 0.00	33.50 0.07 0.00	31.56 0.38 0.00	32.35 0.29 0.00	29.85 0.15 0.00
CHAT_HIGH_FALL_HYD 323578	30.48 0.77 0.00	26.58 0.57 0.00	27.10 0.76 0.00	26.10 0.61 0.00	24.63 0.67 0.00	25.06 0.71 0.00	23.18 0.65 0.00	24.20 0.75 0.00	26.55 0.72 0.00	26.58 0.65 0.00	28.39 0.69 0.00	29.75 0.64 0.00	32.66 0.61 0.00	35.62 0.70 0.00	35.00 0.58 0.00	28.93 0.12 0.00	33.53 0.07 0.00	32.68 -0.20 0.00	31.53 -0.09 0.00	26.52 -0.05 0.00	33.46 0.03 0.00	31.56 0.38 0.00	32.35 0.29 0.00	29.85 0.15 0.00
CHAUTAUQUA___LFGE 323629	30.46 0.74 0.00	26.16 0.16 0.00	25.94 -0.53 -0.13	25.19 -0.30 -0.01	23.74 -0.22 0.00	23.94 -0.41 0.00	22.26 -0.27 0.00	23.07 -0.38 0.00	25.46 -0.36 0.00	25.91 -0.13 -0.11	27.68 -0.14 -0.12	29.12 -0.06 -0.07	32.15 -0.16 -0.25	34.95 -0.17 -0.20	35.42 0.38 -0.63	31.86 1.27 -1.78	37.22 1.51 -2.24	37.72 1.48 -3.36	37.43 1.96 -3.85	32.91 1.73 -4.61	38.46 1.57 -3.46	33.66 0.50 -1.98	32.75 0.19 -0.50	30.12 0.36 -0.07
CHERRYST_13_KV_LD 356241	31.53 1.81 0.00	27.72 1.72 0.00	28.72 1.63 -0.75	27.02 1.50 -0.03	25.27 1.32 0.00	25.72 1.36 0.00	23.88 1.35 0.00	24.88 1.43 0.00	27.45 1.63 0.00	28.28 1.74 -0.61	30.30 1.91 -0.69	31.40 1.92 -0.37	35.53 2.05 -1.42	38.30 2.23 -1.14	40.25 2.27 -3.57	41.04 2.16 -10.07	48.90 2.74 -12.69	54.65 2.76 -19.01	55.79 2.37 -21.79	54.57 1.86 -26.14	55.22 2.21 -19.58	44.07 1.68 -11.21	36.73 1.83 -2.84	31.91 1.84 -0.37
CHESTROR_138KV_BK263 355645	31.05 1.34 0.00	27.25 1.25 0.00	28.25 1.21 -0.70	26.61 1.10 -0.03	24.89 0.93 0.00	25.33 0.97 0.00	23.48 0.95 0.00	24.41 0.96 0.00	26.96 1.14 0.00	27.69 1.19 -0.57	29.70 1.36 -0.64	30.82 1.37 -0.34	34.82 1.44 -1.32	37.55 1.57 -1.06	39.34 1.62 -3.31	39.71 1.56 -9.34	47.18 1.94 -11.78	52.53 2.01 -17.64	53.58 1.74 -20.23	52.21 1.38 -24.26	53.28 1.67 -18.17	42.86 1.28 -10.40	36.04 1.35 -2.63	31.38 1.34 -0.34
CH_MIDHUDSON___DRP 24192	31.38 1.66 0.00	27.57 1.56 0.00	28.64 1.53 -0.77	26.92 1.40 -0.03	25.18 1.22 0.00	25.60 1.24 0.00	23.75 1.22 0.00	24.69 1.24 0.00	27.27 1.45 0.00	28.06 1.50 -0.63	30.10 1.69 -0.71	31.21 1.72 -0.38	35.37 1.86 -1.46	38.15 2.06 -1.17	40.14 2.06 -3.66	41.08 1.93 -10.33	48.87 2.38 -13.03	54.84 2.43 -19.52	56.15 2.15 -22.38	55.12 1.70 -26.84	55.62 2.07 -20.11	44.31 1.62 -11.51	36.67 1.70 -2.91	31.74 1.66 -0.38
CH_MISC_IPPS 23765	31.53 1.81 0.00	27.70 1.69 0.00	28.70 1.61 -0.76	27.07 1.55 -0.03	25.30 1.34 0.00	25.70 1.34 0.00	23.84 1.31 0.00	24.81 1.36 0.00	27.40 1.58 0.00	28.18 1.63 -0.62	30.25 1.86 -0.70	31.38 1.89 -0.37	35.57 2.08 -1.43	38.37 2.30 -1.15	40.28 2.27 -3.60	41.12 2.16 -10.15	48.98 2.71 -12.80	54.82 2.76 -19.18	56.05 2.43 -21.99	54.88 1.94 -26.37	55.57 2.37 -19.76	44.36 1.87 -11.31	36.85 1.92 -2.86	31.94 1.87 -0.37
CH_RES_BVR_FALLS 23983	29.51 -0.21 0.00	25.80 -0.21 0.00	26.26 -0.08 0.00	25.36 -0.13 0.00	23.89 -0.07 0.00	24.28 -0.07 0.00	22.46 -0.07 0.00	23.40 -0.05 0.00	25.75 -0.08 0.00	25.80 -0.13 0.00	27.53 -0.17 0.00	28.94 -0.17 0.00	31.80 -0.26 0.00	34.68 -0.24 0.00	34.07 -0.34 0.00	28.26 -0.55 0.00	32.83 -0.64 0.00	32.19 -0.69 0.00	30.95 -0.67 0.00	26.01 -0.56 0.00	32.76 -0.67 0.00	30.81 -0.37 0.00	31.68 -0.38 0.00	29.28 -0.42 0.00

CH_RES_NIAGARA 23895	29.06 -0.65 0.00	24.92 -1.09 0.00	24.77 -1.69 -0.12	24.16 -1.33 -0.01	22.59 -1.36 0.00	22.77 -1.58 0.00	21.16 -1.38 0.00	21.95 -1.50 0.00	24.17 -1.65 0.00	24.60 -1.43 -0.10	26.26 -1.55 -0.11	27.63 -1.54 -0.06	30.45 -1.83 -0.22	33.04 -2.06 -0.18	33.42 -1.55 -0.55	29.94 -0.43 -1.56	34.93 -0.50 -1.97	35.33 -0.49 -2.94	34.96 -0.03 -3.37	30.75 0.13 -4.05	36.19 -0.27 -3.03	31.64 -1.28 -1.73	31.12 -1.38 -0.44	28.86 -0.89 -0.06
CH_RES_SYRACUSE 23985	29.65 -0.06 0.00	25.88 -0.13 0.00	26.12 -0.29 -0.07	25.21 -0.28 0.00	23.74 -0.22 0.00	24.09 -0.27 0.00	22.28 -0.25 0.00	23.15 -0.31 0.00	25.54 -0.28 0.00	25.78 -0.21 -0.06	27.57 -0.19 -0.07	29.03 -0.12 -0.04	32.80 -0.03 -0.78	36.20 0.00 -1.28	35.78 0.17 -1.19	30.18 0.40 -0.97	36.44 0.47 -2.50	36.42 0.52 -3.01	35.24 0.57 -3.05	29.61 0.53 -2.51	35.88 0.57 -1.88	32.54 0.28 -1.08	32.40 0.06 -0.27	30.21 0.06 -0.45
CLINTON_WT_PWR 323605	30.52 0.80 0.00	26.58 0.57 0.00	27.07 0.74 0.00	26.10 0.61 0.00	24.63 0.67 0.00	25.06 0.71 0.00	23.18 0.65 0.00	24.22 0.77 0.00	26.58 0.75 0.00	26.63 0.70 0.00	28.42 0.72 0.00	29.81 0.70 0.00	32.73 0.67 0.00	35.69 0.77 0.00	35.07 0.65 0.00	28.98 0.17 0.00	33.60 0.13 0.00	32.75 -0.13 0.00	31.59 -0.03 0.00	26.55 -0.03 0.00	33.50 0.07 0.00	31.56 0.38 0.00	32.35 0.29 0.00	29.85 0.15 0.00
CLINTON___LFGE 323618	30.87 1.16 0.00	26.86 0.86 0.00	27.36 1.03 0.00	26.32 0.84 0.00	24.89 0.93 0.00	25.33 0.98 0.00	23.41 0.88 0.00	24.48 1.03 0.00	26.83 1.01 0.00	26.89 0.96 0.00	28.72 1.03 0.00	30.10 0.99 0.00	33.05 0.99 0.00	36.04 1.12 0.00	35.48 1.07 0.00	29.36 0.55 0.00	34.03 0.57 0.00	33.14 0.26 0.00	31.97 0.35 0.00	26.92 0.34 0.00	34.00 0.57 0.00	32.02 0.84 0.00	32.76 0.70 0.00	30.17 0.47 0.00
COBBLENY_34_KV_TB1 80064	30.13 0.42 0.00	25.93 -0.08 0.00	26.57 0.11 -0.13	24.85 -0.64 -0.01	23.43 -0.53 0.00	23.63 -0.73 0.00	21.94 -0.59 0.00	22.84 -0.61 0.00	25.05 -0.77 0.00	25.49 -0.54 -0.11	27.27 -0.55 -0.12	28.74 -0.44 -0.07	31.73 -0.58 -0.25	34.46 -0.66 -0.20	34.94 -0.10 -0.63	31.52 0.92 -1.78	36.82 1.10 -2.25	37.30 1.05 -3.36	37.06 1.58 -3.86	32.61 1.41 -4.63	38.10 1.20 -3.47	33.38 0.22 -1.98	32.50 -0.06 -0.50	29.94 0.18 -0.07
COFFEEN___115KV_TB3 355620	30.93 1.22 0.00	26.97 0.96 0.00	27.31 0.97 0.00	26.30 0.82 0.00	24.87 0.91 0.00	25.21 0.85 0.00	23.14 0.61 0.00	23.80 0.35 0.00	26.14 0.31 0.00	26.21 0.29 0.00	28.14 0.44 0.00	29.67 0.55 0.00	33.46 0.83 -0.57	36.90 0.94 -1.03	36.26 1.10 -0.74	29.88 1.07 0.00	35.93 1.34 -1.13	35.57 1.64 -1.04	34.49 2.02 -0.84	28.33 1.75 0.00	35.64 2.21 0.00	33.21 2.03 0.00	33.66 1.60 0.00	31.40 1.34 -0.37
COLDSPRG_115KV_BK1 355956	30.60 0.89 0.00	26.37 0.36 0.00	26.98 0.50 -0.14	25.31 -0.18 -0.01	23.89 -0.07 0.00	24.09 -0.27 0.00	22.40 -0.14 0.00	23.29 -0.16 0.00	25.57 -0.26 0.00	26.02 -0.03 -0.12	27.83 0.00 -0.13	29.33 0.15 -0.07	32.39 0.06 -0.27	35.17 0.03 -0.22	35.71 0.62 -0.67	32.18 1.47 -1.90	37.67 1.81 -2.40	38.21 1.74 -3.59	38.08 2.34 -4.12	33.50 1.99 -4.94	38.97 1.84 -3.70	34.17 0.87 -2.12	33.08 0.48 -0.54	30.36 0.59 -0.07
COLONIE_LFGE___ 323577	31.26 1.54 0.00	27.41 1.40 0.00	29.65 1.37 -1.95	26.89 1.32 -0.08	25.15 1.20 0.00	25.60 1.24 0.00	23.75 1.22 0.00	24.65 1.20 0.00	36.91 1.37 -9.71	42.35 1.43 -15.00	32.55 1.58 -3.28	34.59 1.66 -3.82	48.46 1.79 -14.61	55.25 1.95 -18.37	67.76 1.96 -31.39	84.11 1.73 -53.57	102.70 1.94 -67.29	83.95 1.87 -49.20	89.79 1.77 -56.40	95.70 1.49 -67.64	85.98 1.87 -50.68	61.84 1.65 -29.01	41.10 1.70 -7.34	32.29 1.63 -0.96
COOPERNY_115KV_TB1 80082	30.69 0.98 0.00	26.92 0.91 0.00	27.78 0.87 -0.57	26.27 0.76 -0.02	24.63 0.67 0.00	25.04 0.68 0.00	23.18 0.65 0.00	24.13 0.68 0.00	26.60 0.77 0.00	27.23 0.83 -0.47	29.20 0.97 -0.53	30.39 0.99 -0.28	34.19 1.06 -1.08	36.94 1.15 -0.87	38.33 1.20 -2.72	37.66 1.18 -7.67	44.60 1.47 -9.66	48.88 1.51 -14.48	49.55 1.33 -16.60	47.55 1.06 -19.91	49.62 1.27 -14.92	40.66 0.94 -8.54	35.22 0.99 -2.16	30.96 0.98 -0.28
COPENHAGEN_WT_PWR 323753	30.60 0.89 0.00	26.63 0.62 0.00	26.94 0.61 0.00	25.99 0.51 0.00	24.56 0.60 0.00	24.89 0.54 0.00	22.89 0.36 0.00	23.59 0.14 0.00	25.93 0.10 0.00	26.01 0.08 0.00	27.92 0.22 0.00	29.41 0.29 0.00	33.16 0.51 -0.59	36.55 0.56 -1.08	35.92 0.72 -0.78	29.53 0.72 0.00	35.55 0.90 -1.18	35.15 1.18 -1.09	33.99 1.49 -0.88	27.85 1.28 0.00	35.07 1.64 0.00	32.65 1.47 0.00	33.21 1.15 0.00	31.03 0.95 -0.38
CORNELL___ 23752	30.54 0.83 0.00	26.60 0.60 0.00	27.15 0.63 -0.18	25.85 0.36 -0.01	24.34 0.38 0.00	24.70 0.34 0.00	22.82 0.29 0.00	23.66 0.21 0.00	26.06 0.23 0.00	26.36 0.29 -0.15	28.23 0.36 -0.17	29.64 0.44 -0.09	33.36 0.61 -0.70	36.50 0.66 -0.92	36.60 0.86 -1.33	32.31 1.07 -2.43	38.61 1.37 -3.77	39.63 1.51 -5.24	39.08 1.68 -5.78	34.39 1.51 -6.30	39.89 1.74 -4.72	35.16 1.28 -2.70	33.74 0.99 -0.68	30.91 0.89 -0.32
CORONA_AV_69_KV_TB1 355595	37.30 2.26 -5.33	34.13 2.08 -6.05	29.40 2.05 -1.01	27.50 1.96 -0.05	25.72 1.70 -0.06	26.18 1.83 0.00	24.31 1.78 0.00	25.30 1.85 0.00	28.33 1.99 -0.52	33.26 2.10 -5.23	40.33 2.19 -10.44	40.65 2.24 -9.30	41.72 2.40 -7.26	43.18 2.65 -5.60	43.45 2.68 -6.35	44.02 2.48 -12.73	53.49 3.08 -16.95	55.20 3.19 -19.13	56.14 2.72 -21.80	54.71 1.99 -26.15	55.19 2.17 -19.59	44.30 1.90 -11.21	41.06 2.40 -6.60	38.07 2.32 -6.05
CORTLAND_115KV_TB3 80093	30.19 0.48 0.00	26.32 0.31 0.00	26.82 0.34 -0.14	25.59 0.10 -0.01	24.10 0.14 0.00	24.48 0.12 0.00	22.62 0.09 0.00	23.50 0.05 0.00	25.88 0.05 0.00	26.15 0.10 -0.11	27.99 0.17 -0.13	29.42 0.23 -0.07	33.07 0.38 -0.63	36.22 0.42 -0.88	36.14 0.59 -1.14	31.49 0.81 -1.87	37.55 1.00 -3.08	38.16 1.09 -4.20	37.38 1.17 -4.59	32.46 1.04 -4.85	38.27 1.20 -3.63	34.07 0.81 -2.08	33.16 0.58 -0.53	30.54 0.53 -0.31
COXSACKIE___GT 23611	32.39 2.68 0.00	28.32 2.31 0.00	29.78 2.21 -1.23	27.78 2.24 -0.05	26.02 2.06 0.00	26.40 2.05 0.00	24.44 1.91 0.00	25.40 1.95 0.00	25.29 2.37 2.91	25.42 2.49 3.00	31.13 2.72 -0.71	31.64 2.77 0.24	34.42 3.27 0.91	35.80 3.60 2.72	37.24 3.51 0.69	40.42 3.05 -8.56	48.14 3.81 -10.86	67.37 3.45 -31.04	70.56 3.35 -35.58	72.07 2.82 -42.68	68.99 3.58 -31.98	52.51 3.02 -18.30	39.55 2.85 -4.63	32.80 2.49 -0.61
CPV_VALLEY___CC1 323721	30.72 1.01 0.00	26.99 0.99 0.00	27.91 0.92 -0.65	26.38 0.87 -0.03	24.70 0.74 0.00	25.14 0.78 0.00	23.30 0.77 0.00	24.25 0.80 0.00	26.75 0.93 0.00	27.45 0.99 -0.53	29.41 1.11 -0.60	30.54 1.11 -0.32	34.47 1.19 -1.23	37.20 1.29 -0.99	38.82 1.31 -3.10	38.84 1.30 -8.74	46.12 1.64 -11.02	51.06 1.68 -16.50	51.96 1.42 -18.92	50.38 1.12 -22.69	51.77 1.34 -17.00	41.91 1.00 -9.73	35.58 1.06 -2.46	31.12 1.10 -0.32

CPV_VALLEY___CC2 323722	30.72 1.01 0.00	26.99 0.99 0.00	27.91 0.92 -0.65	26.38 0.87 -0.03	24.70 0.74 0.00	25.14 0.78 0.00	23.30 0.77 0.00	24.25 0.80 0.00	26.75 0.93 0.00	27.45 0.99 -0.53	29.41 1.11 -0.60	30.54 1.11 -0.32	34.47 1.19 -1.23	37.20 1.29 -0.99	38.82 1.31 -3.10	38.84 1.30 -8.74	46.12 1.64 -11.02	51.06 1.68 -16.50	51.96 1.42 -18.92	50.38 1.12 -22.69	51.77 1.34 -17.00	41.91 1.00 -9.73	35.58 1.06 -2.46	31.12 1.10 -0.32
CRESCENT___HYD 24018	31.26 1.54 0.00	27.41 1.40 0.00	29.65 1.37 -1.95	26.89 1.32 -0.08	25.15 1.20 0.00	25.60 1.24 0.00	23.75 1.22 0.00	24.65 1.20 0.00	36.91 1.37 -9.71	42.35 1.43 -15.00	32.55 1.58 -3.28	34.59 1.66 -3.82	48.46 1.79 -14.61	55.25 1.95 -18.37	67.76 1.96 -31.39	84.11 1.73 -53.57	102.70 1.94 -67.29	83.95 1.87 -49.20	89.79 1.77 -56.40	95.70 1.49 -67.64	85.98 1.87 -50.68	61.84 1.65 -29.01	41.10 1.70 -7.34	32.29 1.63 -0.96
CRICKET___VALLEY_CC1 323756	30.96 1.25 0.00	27.25 1.25 0.00	28.36 1.21 -0.81	26.69 1.17 -0.03	24.99 1.03 0.00	25.43 1.07 0.00	23.59 1.06 0.00	24.53 1.08 0.00	26.99 1.16 0.00	27.79 1.19 -0.66	29.80 1.36 -0.75	30.91 1.40 -0.40	35.07 1.48 -1.54	37.76 1.61 -1.23	39.89 1.62 -3.85	41.21 1.53 -10.88	48.95 1.77 -13.72	55.27 1.87 -20.52	56.76 1.61 -23.52	56.01 1.22 -28.22	56.08 1.51 -21.14	44.46 1.18 -12.10	36.41 1.28 -3.06	31.44 1.34 -0.40
CRICKET___VALLEY_CC2 323757	30.96 1.25 0.00	27.25 1.25 0.00	28.36 1.21 -0.81	26.69 1.17 -0.03	24.99 1.03 0.00	25.43 1.07 0.00	23.59 1.06 0.00	24.53 1.08 0.00	26.99 1.16 0.00	27.79 1.19 -0.66	29.80 1.36 -0.75	30.91 1.40 -0.40	35.07 1.48 -1.54	37.76 1.61 -1.23	39.89 1.62 -3.85	41.21 1.53 -10.88	48.95 1.77 -13.72	55.27 1.87 -20.52	56.76 1.61 -23.52	56.01 1.22 -28.22	56.08 1.51 -21.14	44.46 1.18 -12.10	36.41 1.28 -3.06	31.44 1.34 -0.40
CRICKET___VALLEY_CC3 323758	30.96 1.25 0.00	27.25 1.25 0.00	28.36 1.21 -0.81	26.69 1.17 -0.03	24.99 1.03 0.00	25.43 1.07 0.00	23.59 1.06 0.00	24.53 1.08 0.00	26.99 1.16 0.00	27.79 1.19 -0.66	29.80 1.36 -0.75	30.91 1.40 -0.40	35.07 1.48 -1.54	37.76 1.61 -1.23	39.89 1.62 -3.85	41.21 1.53 -10.88	48.95 1.77 -13.72	55.27 1.87 -20.52	56.76 1.61 -23.52	56.01 1.22 -28.22	56.08 1.51 -21.14	44.46 1.18 -12.10	36.41 1.28 -3.06	31.44 1.34 -0.40
CRUCIBLE_METL_DRP 24180	29.68 -0.03 0.00	25.90 -0.10 0.00	26.30 -0.11 -0.07	25.21 -0.28 0.00	23.74 -0.22 0.00	24.09 -0.27 0.00	22.28 -0.25 0.00	23.17 -0.28 0.00	25.54 -0.28 0.00	25.78 -0.21 -0.06	27.60 -0.17 -0.07	29.03 -0.12 -0.04	32.84 0.00 -0.78	36.24 0.03 -1.28	35.81 0.21 -1.19	30.18 0.40 -0.97	36.47 0.50 -2.50	36.45 0.56 -3.01	35.27 0.60 -3.05	29.64 0.56 -2.51	35.88 0.57 -1.88	32.57 0.31 -1.08	32.43 0.10 -0.27	30.21 0.06 -0.45
DAHOWA___HYDRO 323763	32.00 2.29 0.00	28.04 2.03 0.00	30.40 1.92 -2.15	27.44 1.86 -0.09	25.63 1.68 0.00	26.09 1.73 0.00	24.17 1.64 0.00	25.07 1.62 0.00	32.69 1.88 -4.98	36.54 1.97 -8.64	32.53 2.08 -2.75	33.86 2.21 -2.53	44.17 2.43 -9.68	48.75 2.65 -11.18	58.60 2.58 -21.60	74.08 2.25 -43.03	90.26 2.68 -54.12	89.62 2.57 -54.17	96.44 2.72 -62.10	103.50 2.44 -74.48	92.28 3.04 -55.80	65.87 2.74 -31.94	42.87 2.72 -8.09	33.25 2.49 -1.06
DANC___LFGE 323619	30.04 0.33 0.00	26.16 0.16 0.00	26.41 0.08 0.00	25.54 0.05 0.00	24.08 0.12 0.00	24.43 0.07 0.00	22.51 -0.02 0.00	23.26 -0.19 0.00	25.59 -0.23 0.00	25.72 -0.21 0.00	27.56 -0.14 0.00	29.03 -0.09 0.00	32.81 0.03 -0.73	36.31 0.07 -1.32	35.58 0.21 -0.95	29.16 0.35 0.00	35.38 0.47 -1.45	34.91 0.69 -1.34	33.62 0.92 -1.08	27.37 0.80 0.00	34.40 0.97 0.00	31.99 0.81 0.00	32.60 0.54 0.00	30.58 0.42 -0.47
DANSKAMMER___1 23586	31.53 1.81 0.00	27.70 1.69 0.00	28.70 1.61 -0.76	27.07 1.55 -0.03	25.30 1.34 0.00	25.70 1.34 0.00	23.84 1.31 0.00	24.81 1.36 0.00	27.40 1.58 0.00	28.18 1.63 -0.62	30.25 1.86 -0.70	31.38 1.89 -0.37	35.57 2.08 -1.43	38.37 2.30 -1.15	40.28 2.27 -3.60	41.12 2.16 -10.15	48.98 2.71 -12.80	54.82 2.76 -19.18	56.05 2.43 -21.99	54.88 1.94 -26.37	55.57 2.37 -19.76	44.36 1.87 -11.31	36.85 1.92 -2.86	31.94 1.87 -0.37
DANSKAMMER___2 23589	31.53 1.81 0.00	27.70 1.69 0.00	28.70 1.61 -0.76	27.07 1.55 -0.03	25.30 1.34 0.00	25.70 1.34 0.00	23.84 1.31 0.00	24.81 1.36 0.00	27.40 1.58 0.00	28.18 1.63 -0.62	30.25 1.86 -0.70	31.38 1.89 -0.37	35.57 2.08 -1.43	38.37 2.30 -1.15	40.28 2.27 -3.60	41.12 2.16 -10.15	48.98 2.71 -12.80	54.82 2.76 -19.18	56.05 2.43 -21.99	54.88 1.94 -26.37	55.57 2.37 -19.76	44.36 1.87 -11.31	36.85 1.92 -2.86	31.94 1.87 -0.37
DANSKAMMER___3 23590	31.53 1.81 0.00	27.70 1.69 0.00	28.70 1.61 -0.76	27.07 1.55 -0.03	25.30 1.34 0.00	25.70 1.34 0.00	23.84 1.31 0.00	24.81 1.36 0.00	27.40 1.58 0.00	28.18 1.63 -0.62	30.25 1.86 -0.70	31.38 1.89 -0.37	35.57 2.08 -1.43	38.37 2.30 -1.15	40.28 2.27 -3.60	41.12 2.16 -10.15	48.98 2.71 -12.80	54.82 2.76 -19.18	56.05 2.43 -21.99	54.88 1.94 -26.37	55.57 2.37 -19.76	44.36 1.87 -11.31	36.85 1.92 -2.86	31.94 1.87 -0.37
DANSKAMMER___4 23591	31.53 1.81 0.00	27.70 1.69 0.00	28.70 1.61 -0.76	27.07 1.55 -0.03	25.30 1.34 0.00	25.70 1.34 0.00	23.84 1.31 0.00	24.81 1.36 0.00	27.40 1.58 0.00	28.18 1.63 -0.62	30.25 1.86 -0.70	31.38 1.89 -0.37	35.57 2.08 -1.43	38.37 2.30 -1.15	40.28 2.27 -3.60	41.12 2.16 -10.15	48.98 2.71 -12.80	54.82 2.76 -19.18	56.05 2.43 -21.99	54.88 1.94 -26.37	55.57 2.37 -19.76	44.36 1.87 -11.31	36.85 1.92 -2.86	31.94 1.87 -0.37
DANSKAMMER___DIESEL 23592	31.58 1.87 0.00	27.75 1.74 0.00	28.78 1.69 -0.76	27.07 1.55 -0.03	25.30 1.34 0.00	25.70 1.34 0.00	23.84 1.31 0.00	24.81 1.36 0.00	27.40 1.58 0.00	28.18 1.63 -0.62	30.28 1.88 -0.70	31.38 1.89 -0.37	35.57 2.08 -1.43	38.37 2.30 -1.15	40.32 2.31 -3.60	41.12 2.16 -10.15	48.98 2.71 -12.80	54.82 2.76 -19.18	56.05 2.43 -21.99	54.89 1.94 -26.37	55.57 2.37 -19.76	44.39 1.90 -11.31	36.85 1.92 -2.86	31.91 1.84 -0.37
DARBY___SOLAR 323810	31.85 2.14 0.00	27.90 1.90 0.00	30.27 1.82 -2.12	27.33 1.76 -0.09	25.54 1.58 0.00	25.96 1.61 0.00	24.08 1.55 0.00	24.97 1.52 0.00	33.21 1.78 -5.60	37.29 1.89 -9.47	32.52 2.00 -2.82	33.94 2.12 -2.70	44.70 2.31 -10.34	49.59 2.55 -12.13	59.79 2.48 -22.90	75.42 2.16 -44.45	91.94 2.58 -55.90	88.91 2.43 -53.59	95.59 2.53 -61.44	102.51 2.26 -73.69	91.45 2.81 -55.21	65.30 2.52 -31.60	42.59 2.53 -8.00	33.06 2.32 -1.05
DASHVILLE___HYD 23610	31.17 1.46 0.00	27.38 1.38 0.00	28.23 1.03 -0.87	26.54 1.02 -0.04	24.99 1.03 0.00	25.38 1.02 0.00	23.52 0.99 0.00	24.46 1.01 0.00	26.49 1.42 0.75	27.05 1.45 0.33	30.02 1.63 -0.69	30.98 1.66 -0.21	34.65 1.80 -0.80	37.04 1.99 -0.13	38.83 2.00 -2.42	40.29 1.93 -9.55	47.96 2.44 -12.05	56.67 1.91 -21.88	58.32 1.61 -25.08	57.93 1.28 -30.08	57.51 1.54 -22.54	45.20 1.12 -12.90	36.48 1.15 -3.27	31.22 1.10 -0.43

DEERFIELD_69_KV_DEERFIELD LD 355887	39.17 4.13 -5.33	35.77 3.72 -6.05	31.01 3.66 -1.01	28.95 3.41 -0.05	27.11 3.09 -0.06	27.52 3.17 0.00	25.53 3.00 0.00	26.64 3.19 0.00	29.96 3.62 -0.52	35.03 3.86 -5.23	42.44 4.29 -10.45	47.19 4.34 -13.74	48.34 4.68 -11.60	46.37 4.96 -6.49	45.59 4.82 -6.35	48.41 4.35 -15.25	55.74 5.32 -16.95	67.31 5.46 -28.97	58.26 4.84 -21.80	56.33 3.61 -26.15	56.90 3.88 -19.59	45.98 3.59 -11.21	43.08 4.42 -6.60	39.94 4.19 -6.05
DELAWARE___LFGE 323621	30.84 1.13 0.00	26.97 0.96 0.00	27.83 0.95 -0.54	26.30 0.79 -0.02	24.70 0.74 0.00	25.16 0.80 0.00	23.25 0.72 0.00	24.13 0.68 0.00	26.63 0.80 0.00	27.23 0.86 -0.45	29.23 1.02 -0.50	30.46 1.08 -0.27	34.47 1.25 -1.17	37.36 1.36 -1.07	38.67 1.48 -2.77	37.58 1.44 -7.33	44.65 1.67 -9.51	48.56 1.68 -14.00	49.20 1.61 -15.96	46.83 1.36 -18.91	49.30 1.71 -14.17	40.57 1.28 -8.11	35.33 1.22 -2.05	31.18 1.13 -0.36
DERFIELD_115KV_TB7 355931	29.80 0.09 0.00	26.08 0.08 0.00	26.41 0.08 0.00	25.54 0.05 0.00	23.98 0.02 0.00	24.38 0.02 0.00	22.55 0.02 0.00	23.47 0.02 0.00	25.85 0.03 0.00	25.98 0.05 0.00	27.75 0.06 0.00	29.20 0.09 0.00	32.15 0.10 0.00	35.03 0.10 0.00	34.55 0.14 0.00	29.01 0.20 0.00	33.70 0.23 0.00	33.11 0.23 0.00	31.84 0.22 0.00	26.76 0.19 0.00	33.67 0.23 0.00	31.31 0.12 0.00	32.16 0.10 0.00	29.79 0.09 0.00
DOGLEVILLE___HYD 23807	29.98 0.27 0.00	26.21 0.21 0.00	26.52 0.19 0.00	25.64 0.15 0.00	24.13 0.17 0.00	24.53 0.17 0.00	22.67 0.14 0.00	23.52 0.07 0.00	25.93 0.10 0.00	26.06 0.13 0.00	27.89 0.20 0.00	29.35 0.23 0.00	32.41 0.35 0.00	35.27 0.35 0.00	34.83 0.41 0.00	29.21 0.40 0.00	33.93 0.47 0.00	33.37 0.49 0.00	32.10 0.48 0.00	26.94 0.37 0.00	33.83 0.40 0.00	31.43 0.25 0.00	32.22 0.16 0.00	29.79 0.09 0.00
DUNKIRK___115KV_TB_200 55889	30.43 0.71 0.00	26.19 0.18 0.00	26.81 0.34 -0.13	25.13 -0.36 -0.01	23.69 -0.26 0.00	23.89 -0.46 0.00	22.22 -0.32 0.00	23.15 -0.30 0.00	25.39 -0.44 0.00	25.86 -0.18 -0.11	27.66 -0.17 -0.12	29.12 -0.06 -0.07	32.14 -0.16 -0.25	34.91 -0.21 -0.20	35.39 0.34 -0.63	31.85 1.27 -1.78	37.21 1.51 -2.24	37.68 1.45 -3.35	37.45 1.99 -3.84	32.90 1.73 -4.60	38.45 1.57 -3.45	33.69 0.53 -1.97	32.78 0.22 -0.50	30.12 0.36 -0.07
DUNKIRK___1 23563	30.43 0.71 0.00	26.19 0.18 0.00	26.81 0.34 -0.13	25.13 -0.36 -0.01	23.69 -0.26 0.00	23.89 -0.46 0.00	22.22 -0.32 0.00	23.15 -0.30 0.00	25.39 -0.44 0.00	25.86 -0.18 -0.11	27.66 -0.17 -0.12	29.12 -0.06 -0.07	32.14 -0.16 -0.25	34.91 -0.21 -0.20	35.39 0.34 -0.63	31.85 1.27 -1.78	37.21 1.51 -2.24	37.68 1.45 -3.35	37.45 1.99 -3.84	32.90 1.73 -4.60	38.45 1.57 -3.45	33.69 0.53 -1.97	32.78 0.22 -0.50	30.12 0.36 -0.07
DUNKIRK___2 23564	30.43 0.71 0.00	26.19 0.18 0.00	26.81 0.34 -0.13	25.13 -0.36 -0.01	23.69 -0.26 0.00	23.89 -0.46 0.00	22.22 -0.32 0.00	23.15 -0.30 0.00	25.39 -0.44 0.00	25.86 -0.18 -0.11	27.66 -0.17 -0.12	29.12 -0.06 -0.07	32.14 -0.16 -0.25	34.91 -0.21 -0.20	35.39 0.34 -0.63	31.85 1.27 -1.78	37.21 1.51 -2.24	37.68 1.45 -3.35	37.45 1.99 -3.84	32.90 1.73 -4.60	38.45 1.57 -3.45	33.69 0.53 -1.97	32.78 0.22 -0.50	30.12 0.36 -0.07
DUNKIRK___3 23565	30.22 0.51 0.00	26.03 0.03 0.00	26.65 0.18 -0.13	24.96 -0.54 -0.01	23.55 -0.41 0.00	23.75 -0.61 0.00	22.06 -0.47 0.00	22.98 -0.47 0.00	25.21 -0.62 0.00	25.65 -0.39 -0.11	27.43 -0.39 -0.12	28.92 -0.26 -0.06	31.92 -0.38 -0.25	34.63 -0.49 -0.20	35.11 0.07 -0.63	31.59 1.01 -1.77	36.90 1.20 -2.23	37.40 1.18 -3.34	37.12 1.68 -3.82	32.65 1.49 -4.59	38.14 1.27 -3.44	33.43 0.28 -1.97	32.56 0.00 -0.50	29.97 0.21 -0.07
DUNKIRK___4 23566	30.22 0.51 0.00	26.03 0.03 0.00	26.65 0.18 -0.13	24.96 -0.54 -0.01	23.55 -0.41 0.00	23.75 -0.61 0.00	22.06 -0.47 0.00	22.98 -0.47 0.00	25.21 -0.62 0.00	25.65 -0.39 -0.11	27.43 -0.39 -0.12	28.92 -0.26 -0.06	31.92 -0.38 -0.25	34.63 -0.49 -0.20	35.11 0.07 -0.63	31.59 1.01 -1.77	36.90 1.20 -2.23	37.40 1.18 -3.34	37.12 1.68 -3.82	32.65 1.49 -4.59	38.14 1.27 -3.44	33.43 0.28 -1.97	32.56 0.00 -0.50	29.97 0.21 -0.07
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	31.38 1.66 0.00	27.59 1.59 0.00	28.62 1.53 -0.75	26.92 1.40 -0.03	25.18 1.22 0.00	25.62 1.27 0.00	23.77 1.24 0.00	24.76 1.31 0.00	27.35 1.52 0.00	28.12 1.58 -0.61	30.19 1.80 -0.69	31.29 1.81 -0.37	35.40 1.92 -1.42	38.16 2.10 -1.14	40.11 2.13 -3.57	40.89 2.02 -10.07	48.67 2.51 -12.69	54.43 2.53 -19.01	55.60 2.18 -21.80	54.44 1.73 -26.14	55.06 2.04 -19.59	43.98 1.59 -11.21	36.60 1.70 -2.84	31.76 1.69 -0.37
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	31.26 1.55 0.00	27.46 1.46 0.00	28.44 1.37 -0.74	26.79 1.27 -0.03	25.06 1.10 0.00	25.48 1.12 0.00	23.61 1.08 0.00	24.58 1.13 0.00	27.14 1.32 0.00	27.90 1.37 -0.60	29.93 1.55 -0.68	31.05 1.57 -0.36	35.15 1.70 -1.39	37.89 1.85 -1.12	39.77 1.86 -3.49	40.46 1.79 -9.86	48.14 2.24 -12.43	53.82 2.30 -18.64	55.01 2.02 -21.36	53.79 1.59 -25.62	54.60 1.97 -19.20	43.70 1.53 -10.99	36.41 1.57 -2.78	31.60 1.54 -0.36
E179THST_138_KV_TB4_REV_LBMP_J 345001	31.68 1.96 -0.01	27.83 1.82 0.00	28.77 1.69 -0.75	27.02 1.50 -0.03	25.30 1.34 0.00	25.65 1.29 0.00	23.75 1.22 0.00	24.65 1.20 0.00	27.25 1.42 0.00	28.07 1.53 -0.61	30.11 1.72 -0.69	31.20 1.72 -0.37	35.30 1.83 -1.42	38.05 1.99 -1.14	39.98 2.00 -3.57	40.78 1.90 -10.07	48.67 2.51 -12.69	54.46 2.56 -19.01	55.57 2.15 -21.79	54.36 1.65 -26.14	54.99 1.97 -19.59	43.79 1.40 -11.21	36.57 1.67 -2.84	31.91 1.84 -0.37
E179THST_13_KV_LOAD 356214	31.83 2.11 -0.01	27.96 1.95 0.00	28.88 1.79 -0.75	27.15 1.63 -0.03	25.39 1.44 0.00	25.74 1.39 0.00	23.84 1.31 0.00	24.76 1.31 0.00	27.38 1.55 0.00	28.20 1.66 -0.61	30.28 1.88 -0.69	31.35 1.86 -0.37	35.49 2.02 -1.42	38.26 2.20 -1.14	40.18 2.20 -3.57	40.95 2.07 -10.07	48.87 2.71 -12.69	54.65 2.76 -19.01	55.76 2.34 -21.79	54.52 1.81 -26.14	55.16 2.14 -19.59	43.95 1.56 -11.21	36.73 1.83 -2.84	32.06 1.99 -0.37
EAST HAMPTON___GT 23717	39.65 4.61 -5.33	36.19 4.14 -6.05	31.35 4.00 -1.01	29.39 3.85 -0.05	27.52 3.50 -0.06	27.95 3.58 -0.01	25.92 3.38 -0.01	27.07 3.61 -0.01	30.45 4.11 -0.52	35.49 4.33 -5.23	43.03 4.88 -10.45	47.83 4.98 -13.74	49.07 5.42 -11.60	47.17 5.76 -6.49	46.38 5.61 -6.35	49.10 5.04 -15.25	56.61 6.19 -16.95	68.16 6.31 -28.97	59.21 5.79 -21.80	57.10 4.38 -26.15	57.60 4.58 -19.59	46.63 4.24 -11.21	43.69 5.03 -6.60	40.47 4.72 -6.05
EAST RIVER___6 23660	31.50 1.78 0.00	27.75 1.74 0.00	28.67 1.58 -0.75	27.02 1.50 -0.03	25.27 1.32 0.00	25.72 1.36 0.00	23.88 1.35 0.00	24.88 1.43 0.00	27.45 1.63 0.00	28.25 1.71 -0.61	30.28 1.88 -0.69	31.37 1.89 -0.37	35.50 2.02 -1.42	38.30 2.24 -1.14	40.25 2.27 -3.57	41.04 2.16 -10.07	48.93 2.78 -12.69	54.69 2.79 -19.01	55.82 2.40 -21.79	54.63 1.91 -26.14	55.26 2.24 -19.58	44.07 1.68 -11.21	36.73 1.83 -2.84	31.91 1.84 -0.37

EAST RIVER___7 23524	31.50 1.78 0.00	27.75 1.74 0.00	28.67 1.58 -0.75	27.02 1.50 -0.03	25.27 1.32 0.00	25.72 1.36 0.00	23.88 1.35 0.00	24.88 1.43 0.00	27.45 1.63 0.00	28.25 1.71 -0.61	30.28 1.88 -0.69	31.37 1.89 -0.37	35.50 2.02 -1.42	38.30 2.24 -1.14	40.25 2.27 -3.57	41.04 2.16 -10.07	48.93 2.78 -12.69	54.69 2.79 -19.01	55.82 2.40 -21.79	54.63 1.91 -26.14	55.26 2.24 -19.58	44.07 1.68 -11.21	36.73 1.83 -2.84	31.91 1.84 -0.37
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	31.35 1.63 0.00	27.54 1.53 0.00	28.56 1.47 -0.75	26.87 1.35 -0.03	25.13 1.17 0.00	25.57 1.22 0.00	23.72 1.19 0.00	24.72 1.27 0.00	27.27 1.45 0.00	28.07 1.53 -0.61	30.11 1.72 -0.69	31.23 1.75 -0.37	35.33 1.86 -1.42	38.08 2.03 -1.14	40.04 2.06 -3.56	40.79 1.93 -10.05	48.54 2.41 -12.67	54.32 2.47 -18.97	55.49 2.12 -21.75	54.31 1.65 -26.09	54.95 1.97 -19.54	43.90 1.53 -11.19	36.56 1.67 -2.83	31.73 1.66 -0.37
EAST_HAMPTON___DIESEL 23722	39.65 4.61 -5.33	36.21 4.16 -6.05	31.35 4.00 -1.01	29.41 3.87 -0.05	27.54 3.52 -0.06	27.97 3.60 -0.01	25.92 3.38 -0.01	27.07 3.61 -0.01	30.48 4.13 -0.52	35.52 4.35 -5.23	43.05 4.90 -10.45	47.87 5.01 -13.74	49.07 5.42 -11.60	47.17 5.76 -6.49	46.41 5.64 -6.35	49.13 5.07 -15.25	56.61 6.19 -16.95	68.16 6.31 -28.97	59.21 5.79 -21.80	57.10 4.38 -26.15	57.64 4.62 -19.59	46.63 4.24 -11.21	43.69 5.03 -6.60	40.50 4.75 -6.05
EAST_PULASKI___ESR 323781	29.53 -0.18 0.00	25.77 -0.23 0.00	26.10 -0.24 0.00	25.13 -0.36 0.00	23.67 -0.29 0.00	24.02 -0.34 0.00	22.17 -0.36 0.00	23.01 -0.45 0.00	25.34 -0.49 0.00	25.49 -0.44 0.00	27.26 -0.44 0.00	28.74 -0.38 0.00	32.76 -0.32 -1.02	36.43 -0.35 -1.86	35.55 -0.21 -1.34	28.87 0.06 0.00	35.63 0.13 -2.03	35.02 0.26 -1.88	33.55 0.41 -1.52	26.94 0.37 0.00	33.83 0.40 0.00	31.40 0.22 0.00	32.03 -0.03 0.00	30.30 -0.06 0.00
EAST_RIVER___1 323558	31.35 1.63 0.00	27.59 1.59 0.00	28.56 1.47 -0.75	26.94 1.43 -0.03	25.20 1.24 0.00	25.65 1.29 0.00	23.81 1.28 0.00	24.81 1.36 0.00	27.38 1.55 0.00	28.18 1.63 -0.61	30.19 1.80 -0.69	31.32 1.84 -0.37	35.40 1.92 -1.42	38.16 2.10 -1.14	40.11 2.13 -3.57	40.89 2.02 -10.07	48.77 2.61 -12.69	54.52 2.63 -19.01	55.66 2.25 -21.79	54.49 1.78 -26.14	55.09 2.07 -19.58	43.98 1.59 -11.21	36.60 1.70 -2.84	31.82 1.75 -0.37
EAST_RIVER___2 323559	31.50 1.78 0.00	27.75 1.74 0.00	28.67 1.58 -0.75	27.02 1.50 -0.03	25.27 1.32 0.00	25.72 1.36 0.00	23.88 1.35 0.00	24.88 1.43 0.00	27.45 1.63 0.00	28.25 1.71 -0.61	30.28 1.88 -0.69	31.37 1.89 -0.37	35.50 2.02 -1.42	38.30 2.24 -1.14	40.25 2.27 -3.57	41.04 2.16 -10.07	48.93 2.78 -12.69	54.69 2.79 -19.01	55.82 2.40 -21.79	54.63 1.91 -26.14	55.26 2.24 -19.58	44.07 1.68 -11.21	36.73 1.83 -2.84	31.91 1.84 -0.37
EAST___DELAWARE_HYD 23607	30.72 1.01 0.00	26.94 0.93 0.00	27.87 0.82 -0.71	26.28 0.76 -0.03	24.58 0.62 0.00	24.97 0.61 0.00	23.14 0.61 0.00	24.06 0.61 0.00	26.52 0.70 0.00	27.21 0.70 -0.58	29.18 0.83 -0.65	30.25 0.79 -0.35	34.33 0.93 -1.34	37.04 1.05 -1.08	38.85 1.07 -3.37	39.48 1.15 -9.51	47.07 1.61 -11.99	52.66 1.77 -18.00	53.90 1.64 -20.64	52.63 1.30 -24.75	53.55 1.57 -18.55	42.89 1.09 -10.62	35.80 1.06 -2.69	31.09 1.04 -0.35
EIGHT_POINT___WT_PWR 323820	30.78 1.07 0.00	26.55 0.55 0.00	26.52 0.03 -0.16	25.62 0.13 -0.01	24.15 0.19 0.00	24.43 0.07 0.00	22.62 0.09 0.00	23.38 -0.07 0.00	25.77 -0.05 0.00	26.14 0.08 -0.13	27.93 0.08 -0.15	29.31 0.12 -0.08	32.69 0.19 -0.44	35.66 0.25 -0.49	36.01 0.65 -0.94	32.27 1.30 -2.16	38.10 1.64 -2.99	38.95 1.74 -4.33	38.65 2.15 -4.87	34.14 1.97 -5.60	39.67 2.04 -4.20	34.74 1.15 -2.40	33.44 0.77 -0.61	30.69 0.83 -0.17
ELBRIDGE_115KV_TB2 80188	29.59 -0.12 0.00	25.82 -0.18 0.00	26.25 -0.16 -0.08	25.13 -0.36 0.00	23.65 -0.31 0.00	24.02 -0.34 0.00	22.19 -0.34 0.00	23.08 -0.38 0.00	25.44 -0.39 0.00	25.68 -0.31 -0.06	27.49 -0.28 -0.07	28.92 -0.23 -0.04	32.73 -0.16 -0.83	36.11 -0.17 -1.37	35.72 0.03 -1.27	30.11 0.26 -1.04	36.48 0.33 -2.68	36.50 0.39 -3.22	35.36 0.47 -3.27	29.72 0.45 -2.69	35.88 0.43 -2.02	32.52 0.19 -1.16	32.32 -0.03 -0.29	30.12 -0.06 -0.48
ELEC_TRO_TEK 24086	37.12 2.08 -5.33	33.98 1.92 -6.05	29.24 1.90 -1.01	27.35 1.81 -0.05	25.58 1.56 -0.06	26.04 1.68 0.00	24.18 1.64 0.00	25.16 1.71 0.00	28.21 1.86 -0.52	33.11 1.94 -5.23	40.27 2.13 -10.44	40.57 2.15 -9.31	41.60 2.28 -7.27	43.00 2.48 -5.60	43.24 2.48 -6.35	43.86 2.30 -12.74	53.29 2.88 -16.95	55.03 2.99 -19.16	55.98 2.56 -21.80	54.58 1.86 -26.15	55.03 2.01 -19.59	44.14 1.75 -11.21	40.84 2.18 -6.60	37.89 2.14 -6.05
ELLENBURG_WT_PWR 323604	30.52 0.80 0.00	26.58 0.57 0.00	27.07 0.74 0.00	26.10 0.61 0.00	24.63 0.67 0.00	25.06 0.71 0.00	23.18 0.65 0.00	24.22 0.77 0.00	26.58 0.75 0.00	26.63 0.70 0.00	28.42 0.72 0.00	29.81 0.70 0.00	32.73 0.67 0.00	35.69 0.77 0.00	35.07 0.65 0.00	28.98 0.17 0.00	33.60 0.13 0.00	32.75 -0.13 0.00	31.59 -0.03 0.00	26.55 -0.03 0.00	33.50 0.07 0.00	31.56 0.38 0.00	32.35 0.29 0.00	29.85 0.15 0.00
ELM_ST_23_KV_LD_REV_LBMP_A 345012	29.92 0.21 0.00	25.75 -0.26 0.00	26.41 -0.05 -0.12	24.70 -0.79 -0.01	23.26 -0.69 0.00	23.48 -0.88 0.00	21.79 -0.74 0.00	22.70 -0.75 0.00	24.90 -0.93 0.00	25.33 -0.70 -0.10	27.09 -0.72 -0.11	28.53 -0.64 -0.06	31.49 -0.80 -0.24	34.17 -0.94 -0.19	34.59 -0.41 -0.59	31.11 0.63 -1.67	36.31 0.74 -2.10	36.75 0.72 -3.15	36.43 1.20 -3.61	32.01 1.12 -4.33	37.54 0.87 -3.24	32.91 -0.12 -1.86	32.18 -0.35 -0.47	29.70 -0.06 0.00
EMPIRE_CC_1 323656	30.78 1.07 0.00	27.05 1.04 0.00	28.46 1.03 -1.10	26.55 1.02 -0.05	24.84 0.89 0.00	25.31 0.95 0.00	23.41 0.88 0.00	24.22 0.77 0.00	20.07 0.93 6.68	18.63 0.96 8.26	28.88 1.11 -0.07	28.86 1.13 1.39	28.00 1.22 5.28	27.44 1.33 8.81	26.14 1.34 9.62	26.99 1.21 3.03	31.05 1.24 3.65	61.87 1.18 -27.80	64.54 1.04 -31.87	65.62 0.82 -38.23	63.14 1.07 -28.64	48.48 0.90 -16.39	37.21 0.99 -4.15	31.31 1.07 -0.54
EMPIRE_CC_2 323658	30.78 1.07 0.00	27.05 1.04 0.00	28.46 1.03 -1.10	26.55 1.02 -0.05	24.84 0.89 0.00	25.31 0.95 0.00	23.41 0.88 0.00	24.22 0.77 0.00	20.07 0.93 6.68	18.63 0.96 8.26	28.88 1.11 -0.07	28.86 1.13 1.39	28.00 1.22 5.28	27.44 1.33 8.81	26.14 1.34 9.62	26.99 1.21 3.03	31.05 1.24 3.65	61.87 1.18 -27.80	64.54 1.04 -31.87	65.62 0.82 -38.23	63.14 1.07 -28.64	48.48 0.90 -16.39	37.21 0.99 -4.15	31.31 1.07 -0.54
ENORWICH_115KV_TB1 80156	32.33 2.61 0.00	28.11 2.11 0.00	28.77 2.13 -0.31	27.28 1.78 -0.01	25.78 1.82 0.00	26.16 1.80 0.00	24.04 1.51 0.00	24.76 1.31 0.00	27.22 1.39 0.00	27.61 1.43 -0.25	29.64 1.66 -0.28	31.10 1.83 -0.15	35.37 2.47 -0.85	38.60 2.72 -0.96	39.22 2.99 -1.81	35.83 2.91 -4.11	42.77 3.58 -5.72	44.93 3.81 -8.23	44.97 4.08 -9.27	40.74 3.53 -10.64	45.71 4.31 -7.97	39.14 3.40 -4.56	36.16 2.95 -1.15	32.67 2.64 -0.33

ERIE_ST__34_KV_TB1-2 80199	30.13 0.42 0.00	25.95 -0.05 0.00	26.54 0.08 -0.13	24.85 -0.64 -0.01	23.43 -0.53 0.00	23.63 -0.73 0.00	21.97 -0.56 0.00	22.79 -0.66 0.00	25.03 -0.80 0.00	25.46 -0.57 -0.11	27.24 -0.58 -0.12	28.71 -0.47 -0.06	31.75 -0.54 -0.25	34.45 -0.66 -0.20	34.96 -0.07 -0.62	31.50 0.95 -1.74	36.80 1.14 -2.19	37.28 1.12 -3.28	36.99 1.61 -3.76	32.49 1.41 -4.51	38.01 1.20 -3.38	33.33 0.22 -1.93	32.52 -0.03 -0.49	29.97 0.21 -0.06
ERIE_WT_PWR 323693	30.07 0.36 0.00	25.80 -0.21 0.00	25.54 -0.92 -0.13	24.83 -0.66 -0.01	23.41 -0.55 0.00	23.60 -0.76 0.00	21.92 -0.61 0.00	22.70 -0.75 0.00	25.03 -0.80 0.00	25.46 -0.57 -0.10	27.18 -0.64 -0.12	28.62 -0.55 -0.06	31.56 -0.74 -0.24	34.31 -0.80 -0.19	34.75 -0.28 -0.61	31.24 0.72 -1.71	36.50 0.87 -2.16	36.97 0.85 -3.23	36.65 1.33 -3.71	32.24 1.22 -4.44	37.80 1.04 -3.33	33.09 0.00 -1.91	32.32 -0.22 -0.48	29.82 0.06 -0.06
ESPRGFLD_115KV_TB1 80157	31.58 1.87 0.00	27.59 1.59 0.00	29.43 1.55 -1.54	26.88 1.33 -0.07	25.20 1.25 0.00	25.65 1.29 0.00	23.72 1.19 0.00	24.58 1.13 0.00	27.12 1.29 0.00	28.53 1.32 -1.28	30.69 1.55 -1.44	31.54 1.66 -0.77	36.97 1.96 -2.96	39.46 2.17 -2.37	44.18 2.34 -7.43	51.94 2.16 -20.97	62.58 2.68 -26.43	74.59 2.73 -38.98	79.12 2.81 -44.68	82.58 2.42 -53.59	76.63 3.04 -40.15	56.63 2.46 -22.98	40.16 2.28 -5.82	32.48 2.02 -0.76
ETNA_115_KV_TB1_REV_LBMP_C 345029	30.49 0.77 0.00	26.55 0.55 0.00	27.10 0.58 -0.18	25.80 0.31 -0.01	24.29 0.34 0.00	24.67 0.32 0.00	22.78 0.25 0.00	23.64 0.19 0.00	26.01 0.18 0.00	26.34 0.26 -0.15	28.20 0.33 -0.17	29.61 0.41 -0.09	33.31 0.54 -0.71	36.46 0.59 -0.94	36.55 0.79 -1.34	32.25 1.01 -2.43	38.56 1.31 -3.79	39.58 1.45 -5.25	39.03 1.61 -5.79	34.30 1.43 -6.29	39.78 1.64 -4.72	35.10 1.22 -2.70	33.67 0.93 -0.68	30.86 0.83 -0.33
ETNA____115KV_TB2 80207	30.49 0.77 0.00	26.55 0.55 0.00	27.10 0.58 -0.18	25.80 0.31 -0.01	24.29 0.34 0.00	24.67 0.32 0.00	22.78 0.25 0.00	23.64 0.19 0.00	26.01 0.18 0.00	26.34 0.26 -0.15	28.20 0.33 -0.17	29.61 0.41 -0.09	33.31 0.54 -0.71	36.46 0.59 -0.94	36.55 0.79 -1.34	32.25 1.01 -2.43	38.56 1.31 -3.79	39.58 1.45 -5.25	39.03 1.61 -5.79	34.30 1.43 -6.29	39.78 1.64 -4.72	35.10 1.22 -2.70	33.67 0.93 -0.68	30.86 0.83 -0.33
EUCLID____115KV_TB2 356179	29.30 -0.42 0.00	25.56 -0.44 0.00	25.91 -0.42 0.00	24.90 -0.59 0.00	23.45 -0.50 0.00	23.82 -0.54 0.00	22.03 -0.50 0.00	22.91 -0.54 0.00	25.23 -0.59 0.00	25.41 -0.52 0.00	27.17 -0.53 0.00	28.62 -0.49 0.00	31.87 -0.48 -0.30	34.98 -0.49 -0.54	34.46 -0.34 -0.39	28.78 -0.03 0.00	34.03 -0.03 -0.59	33.46 0.03 -0.55	32.16 0.09 -0.44	26.68 0.11 0.00	33.50 0.07 0.00	31.02 -0.16 0.00	31.71 -0.35 0.00	29.53 -0.36 -0.19
E_CANADA_CAP_HY 24051	32.06 2.35 0.00	28.04 2.03 0.00	30.14 1.90 -1.90	27.35 1.78 -0.08	25.61 1.65 0.00	26.06 1.70 0.00	24.11 1.58 0.00	24.95 1.50 0.00	27.48 1.65 0.00	29.22 1.71 -1.58	31.36 1.88 -1.78	32.10 2.04 -0.95	38.05 2.34 -3.65	40.40 2.55 -2.93	46.30 2.72 -9.17	57.13 2.45 -25.87	69.16 3.08 -32.62	84.09 3.16 -48.05	89.99 3.29 -55.08	95.48 2.84 -66.07	86.47 3.54 -49.50	62.57 3.06 -28.33	42.18 2.95 -7.17	33.25 2.61 -0.94
E_CANADA_MHWK_HY 24050	29.98 0.27 0.00	26.21 0.21 0.00	26.52 0.19 0.00	25.64 0.15 0.00	24.13 0.17 0.00	24.53 0.17 0.00	22.67 0.14 0.00	23.52 0.07 0.00	25.93 0.10 0.00	26.06 0.13 0.00	27.89 0.20 0.00	29.35 0.23 0.00	32.41 0.35 0.00	35.27 0.35 0.00	34.83 0.41 0.00	29.21 0.40 0.00	33.93 0.47 0.00	33.37 0.49 0.00	32.10 0.48 0.00	26.94 0.37 0.00	33.83 0.40 0.00	31.43 0.25 0.00	32.22 0.16 0.00	29.79 0.09 0.00
E_FISHKILL____LBMP 23776	31.17 1.46 0.00	27.38 1.38 0.00	28.45 1.34 -0.77	26.77 1.25 -0.03	25.04 1.08 0.00	25.48 1.12 0.00	23.61 1.08 0.00	24.58 1.13 0.00	27.12 1.29 0.00	27.90 1.35 -0.63	29.93 1.52 -0.71	31.03 1.54 -0.38	35.14 1.63 -1.45	37.86 1.78 -1.16	39.88 1.82 -3.64	40.81 1.73 -10.27	48.52 2.11 -12.94	54.41 2.14 -19.39	55.72 1.87 -22.23	54.70 1.46 -26.66	55.18 1.77 -19.98	43.99 1.37 -11.43	36.43 1.47 -2.90	31.53 1.46 -0.38
FALCON____SEABRD_CC1 323796	30.87 1.16 0.00	26.89 0.88 0.00	27.39 1.05 0.00	26.35 0.87 0.00	24.92 0.96 0.00	25.33 0.98 0.00	23.43 0.90 0.00	24.48 1.03 0.00	26.86 1.03 0.00	26.91 0.99 0.00	28.75 1.05 0.00	30.13 1.02 0.00	33.08 1.03 0.00	36.07 1.15 0.00	35.48 1.07 0.00	29.36 0.55 0.00	34.03 0.57 0.00	33.14 0.26 0.00	31.97 0.35 0.00	26.89 0.32 0.00	33.96 0.53 0.00	31.99 0.81 0.00	32.73 0.67 0.00	30.20 0.50 0.00
FALCON____SEABRD_CC2 323797	30.87 1.16 0.00	26.89 0.88 0.00	27.39 1.05 0.00	26.35 0.87 0.00	24.92 0.96 0.00	25.33 0.98 0.00	23.43 0.90 0.00	24.48 1.03 0.00	26.86 1.03 0.00	26.91 0.99 0.00	28.75 1.05 0.00	30.13 1.02 0.00	33.08 1.03 0.00	36.07 1.15 0.00	35.48 1.07 0.00	29.36 0.55 0.00	34.03 0.57 0.00	33.14 0.26 0.00	31.97 0.35 0.00	26.89 0.32 0.00	33.96 0.53 0.00	31.99 0.81 0.00	32.73 0.67 0.00	30.20 0.50 0.00
FAR ROCKAWAY____4 23548	37.60 2.56 -5.33	34.37 2.31 -6.05	29.64 2.29 -1.01	27.70 2.17 -0.05	25.94 1.92 -0.06	26.40 2.05 0.00	24.49 1.96 0.00	25.51 2.06 0.00	28.57 2.22 -0.52	33.52 2.36 -5.23	40.22 2.08 -10.44	40.56 2.15 -9.30	41.63 2.31 -7.26	43.11 2.58 -5.60	43.38 2.62 -6.35	43.96 2.42 -12.73	53.43 3.01 -16.95	55.14 3.12 -19.13	56.08 2.66 -21.80	54.63 1.91 -26.15	55.06 2.04 -19.59	44.17 1.78 -11.21	41.16 2.50 -6.60	38.15 2.41 -6.05
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	31.44 1.72 0.00	27.65 1.64 0.00	28.64 1.55 -0.75	26.94 1.43 -0.03	25.20 1.25 0.00	25.65 1.29 0.00	23.81 1.28 0.00	24.81 1.36 0.00	27.40 1.58 0.00	28.20 1.66 -0.61	30.22 1.83 -0.69	31.35 1.86 -0.37	35.43 1.96 -1.42	38.19 2.13 -1.14	40.15 2.17 -3.57	40.92 2.05 -10.07	48.77 2.61 -12.69	54.52 2.63 -19.01	55.66 2.25 -21.79	54.47 1.75 -26.14	55.12 2.11 -19.58	44.01 1.62 -11.21	36.63 1.73 -2.84	31.82 1.75 -0.37
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	31.44 1.72 0.00	27.65 1.64 0.00	28.64 1.55 -0.75	26.94 1.43 -0.03	25.20 1.25 0.00	25.65 1.29 0.00	23.81 1.28 0.00	24.81 1.36 0.00	27.40 1.58 0.00	28.20 1.66 -0.61	30.22 1.83 -0.69	31.35 1.86 -0.37	35.43 1.96 -1.42	38.19 2.13 -1.14	40.15 2.17 -3.57	40.92 2.05 -10.07	48.77 2.61 -12.69	54.56 2.66 -19.01	55.69 2.28 -21.79	54.49 1.78 -26.14	55.12 2.11 -19.58	44.01 1.62 -11.21	36.63 1.73 -2.84	31.82 1.75 -0.37
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	31.41 1.69 0.00	27.65 1.64 0.00	28.64 1.55 -0.75	26.92 1.40 -0.03	25.20 1.25 0.00	25.65 1.29 0.00	23.81 1.28 0.00	24.79 1.34 0.00	27.38 1.55 0.00	28.18 1.63 -0.61	30.22 1.83 -0.69	31.32 1.83 -0.37	35.40 1.92 -1.42	38.16 2.10 -1.14	40.11 2.13 -3.57	40.89 2.02 -10.07	48.73 2.58 -12.69	54.49 2.60 -19.01	55.63 2.21 -21.79	54.47 1.75 -26.14	55.09 2.07 -19.58	43.98 1.59 -11.21	36.60 1.70 -2.84	31.79 1.72 -0.37

FARRAGUT___LBMP 323566	31.41 1.69 0.00	27.62 1.61 0.00	28.62 1.53 -0.75	26.92 1.40 -0.03	25.18 1.22 0.00	25.62 1.27 0.00	23.79 1.26 0.00	24.76 1.31 0.00	27.35 1.52 0.00	28.15 1.61 -0.61	30.19 1.80 -0.69	31.29 1.81 -0.37	35.37 1.89 -1.42	38.12 2.06 -1.14	40.08 2.10 -3.57	40.86 1.99 -10.07	48.70 2.54 -12.69	54.49 2.60 -19.01	55.63 2.21 -21.79	54.44 1.73 -26.14	55.06 2.04 -19.58	43.95 1.56 -11.21	36.57 1.67 -2.84	31.76 1.69 -0.37
FENNER___WINDPWR 24204	30.34 0.62 0.00	26.45 0.44 0.00	26.76 0.34 -0.09	25.82 0.33 0.00	24.32 0.36 0.00	24.70 0.34 0.00	22.80 0.27 0.00	23.64 0.19 0.00	26.03 0.21 0.00	26.26 0.26 -0.07	28.14 0.36 -0.08	29.56 0.41 -0.04	33.10 0.61 -0.44	36.29 0.73 -0.64	36.05 0.86 -0.78	30.90 0.92 -1.17	36.62 1.14 -2.02	36.77 1.18 -2.71	35.82 1.27 -2.93	30.68 1.09 -3.02	37.00 1.30 -2.26	33.44 0.97 -1.30	33.16 0.77 -0.33	30.60 0.68 -0.22
FIBERTEK___ENERGY 23856	29.68 -0.03 0.00	25.90 -0.10 0.00	26.30 -0.11 -0.07	25.21 -0.28 0.00	23.74 -0.22 0.00	24.09 -0.27 0.00	22.28 -0.25 0.00	23.17 -0.28 0.00	25.54 -0.28 0.00	25.78 -0.21 -0.06	27.60 -0.17 -0.07	29.03 -0.12 -0.04	32.84 0.00 -0.78	36.24 0.03 -1.28	35.81 0.21 -1.19	30.18 0.40 -0.97	36.47 0.50 -2.50	36.45 0.56 -3.01	35.27 0.60 -3.05	29.64 0.56 -2.51	35.88 0.57 -1.88	32.57 0.31 -1.08	32.43 0.10 -0.27	30.21 0.06 -0.45
FITZPATRICK____ 23598	28.85 -0.86 0.00	25.20 -0.81 0.00	25.41 -0.92 0.00	24.59 -0.89 0.00	23.14 -0.81 0.00	23.50 -0.85 0.00	21.74 -0.79 0.00	22.61 -0.84 0.00	24.92 -0.90 0.00	25.07 -0.86 0.00	26.79 -0.91 0.00	28.18 -0.93 0.00	27.55 -0.99 3.51	27.49 -1.05 6.38	28.88 -0.93 4.60	28.20 -0.61 0.00	25.82 -0.67 6.97	25.77 -0.66 6.46	25.83 -0.57 5.22	26.12 -0.45 0.00	32.83 -0.60 0.00	30.43 -0.75 0.00	31.20 -0.86 0.00	26.59 -0.83 2.28
FLOWRFLD_69_KV_BK1 356044	38.13 3.09 -5.33	34.86 2.81 -6.05	30.09 2.74 -1.01	28.11 2.57 -0.05	26.30 2.28 -0.06	26.74 2.39 0.00	24.78 2.25 0.00	25.84 2.39 0.00	29.01 2.66 -0.52	33.99 2.83 -5.23	41.26 3.10 -10.46	47.47 3.14 -15.22	48.40 3.30 -13.04	45.23 3.53 -6.79	44.28 3.51 -6.35	48.06 3.17 -16.08	54.20 3.78 -16.95	69.02 3.91 -32.23	56.77 3.35 -21.80	55.14 2.42 -26.15	55.70 2.67 -19.59	44.89 2.49 -11.21	41.90 3.24 -6.60	38.84 3.09 -6.05
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	31.67 1.96 0.00	27.80 1.79 0.00	28.83 1.74 -0.76	27.12 1.61 -0.03	25.35 1.39 0.00	25.74 1.39 0.00	23.88 1.35 0.00	24.86 1.41 0.00	27.45 1.63 0.00	28.26 1.71 -0.62	30.34 1.94 -0.70	31.47 1.98 -0.37	35.67 2.18 -1.44	38.52 2.44 -1.15	40.43 2.41 -3.61	41.23 2.25 -10.18	49.11 2.81 -12.83	54.97 2.86 -19.23	56.19 2.53 -22.04	55.03 2.02 -26.44	55.71 2.47 -19.81	44.48 1.96 -11.34	36.92 1.99 -2.87	32.00 1.93 -0.38
FORT ORANGE____ 23900	30.78 1.07 0.00	27.02 1.01 0.00	28.89 1.08 -1.48	26.67 1.12 -0.06	24.94 0.98 0.00	25.38 1.02 0.00	23.48 0.95 0.00	24.41 0.96 0.00	22.00 1.03 4.86	21.55 1.09 5.47	29.49 1.14 -0.66	29.59 1.17 0.69	30.74 1.28 2.60	30.87 1.36 5.42	31.94 1.41 3.88	36.42 1.04 -6.57	43.12 1.24 -8.41	71.28 1.12 -37.28	75.37 1.01 -42.74	78.65 0.82 -51.26	72.87 1.04 -38.40	54.03 0.87 -21.98	38.56 0.93 -5.57	31.31 0.89 -0.73
FORT_DRUM_COGEN 23780	30.66 0.95 0.00	26.76 0.75 0.00	27.10 0.76 0.00	26.12 0.64 0.00	24.68 0.72 0.00	25.01 0.66 0.00	23.00 0.47 0.00	23.69 0.23 0.00	26.03 0.21 0.00	26.08 0.16 0.00	28.00 0.30 0.00	29.52 0.41 0.00	33.20 0.61 -0.54	36.60 0.70 -0.98	35.98 0.86 -0.71	29.59 0.78 0.00	35.54 1.00 -1.07	35.15 1.28 -0.99	34.03 1.61 -0.80	27.95 1.38 0.00	35.20 1.77 0.00	32.80 1.62 0.00	33.37 1.31 0.00	31.12 1.07 -0.35
FPL_FAR_ROCK_GT1 24212	37.51 2.46 -5.33	34.34 2.29 -6.05	29.53 2.18 -1.01	27.70 2.16 -0.05	25.94 1.92 -0.06	26.41 2.05 -0.01	24.50 1.96 -0.01	25.52 2.06 -0.01	28.57 2.22 -0.52	33.47 2.31 -5.23	40.19 2.05 -10.44	40.53 2.12 -9.30	41.63 2.31 -7.26	43.07 2.55 -5.60	43.35 2.58 -6.35	43.96 2.42 -12.73	53.43 3.01 -16.95	55.14 3.13 -19.13	56.17 2.75 -21.80	54.71 1.99 -26.15	55.06 2.04 -19.59	44.17 1.78 -11.21	41.16 2.50 -6.60	38.18 2.44 -6.05
FPL_FAR_ROCK_GT2 23815	37.51 2.46 -5.33	34.34 2.29 -6.05	29.53 2.18 -1.01	27.70 2.16 -0.05	25.94 1.92 -0.06	26.41 2.05 -0.01	24.50 1.96 -0.01	25.52 2.06 -0.01	28.57 2.22 -0.52	33.47 2.31 -5.23	40.19 2.05 -10.44	40.53 2.12 -9.30	41.63 2.31 -7.26	43.07 2.55 -5.60	43.35 2.58 -6.35	43.96 2.42 -12.73	53.43 3.01 -16.95	55.14 3.13 -19.13	56.17 2.75 -21.80	54.71 1.99 -26.15	55.06 2.04 -19.59	44.17 1.78 -11.21	41.16 2.50 -6.60	38.18 2.44 -6.05
FRANKLIN_FALL_HYD 24054	30.49 0.77 0.00	26.63 0.62 0.00	26.91 0.58 0.00	26.17 0.69 0.00	24.75 0.79 0.00	25.18 0.83 0.00	23.27 0.74 0.00	24.32 0.87 0.00	26.70 0.88 0.00	26.73 0.80 0.00	28.53 0.83 0.00	29.90 0.79 0.00	32.82 0.77 0.00	35.79 0.87 0.00	35.21 0.79 0.00	29.01 0.20 0.00	33.60 0.13 0.00	32.72 -0.16 0.00	31.56 -0.06 0.00	26.55 -0.03 0.00	33.57 0.13 0.00	31.77 0.59 0.00	32.54 0.48 0.00	30.05 0.36 0.00
FREEPORT_EQUS_GT1 23764	37.33 2.29 -5.33	34.21 2.16 -6.05	29.40 2.06 -1.01	27.58 2.04 -0.05	25.79 1.77 -0.06	26.27 1.90 -0.01	24.39 1.85 -0.01	25.38 1.92 -0.01	28.44 2.09 -0.52	33.31 2.15 -5.23	40.33 2.19 -10.44	40.69 2.24 -9.34	41.76 2.41 -7.30	43.15 2.62 -5.61	43.42 2.65 -6.35	44.02 2.45 -12.76	53.49 3.08 -16.95	55.30 3.19 -19.23	56.20 2.78 -21.80	54.77 2.05 -26.15	55.13 2.11 -19.59	44.33 1.93 -11.21	41.09 2.44 -6.60	38.24 2.49 -6.05
FREEPORT___CT2 23818	37.33 2.29 -5.33	34.21 2.16 -6.05	29.40 2.06 -1.01	27.58 2.04 -0.05	25.79 1.77 -0.06	26.27 1.90 -0.01	24.39 1.85 -0.01	25.38 1.92 -0.01	28.44 2.09 -0.52	33.31 2.15 -5.23	40.33 2.19 -10.44	40.69 2.24 -9.34	41.76 2.41 -7.30	43.15 2.62 -5.61	43.42 2.65 -6.35	44.02 2.45 -12.76	53.49 3.08 -16.95	55.30 3.19 -19.23	56.20 2.78 -21.80	54.77 2.05 -26.15	55.13 2.11 -19.59	44.33 1.93 -11.21	41.09 2.44 -6.60	38.24 2.49 -6.05
FRESHKLS_33_KV_LOAD 356253	31.46 1.75 0.01	27.83 1.82 0.00	28.72 1.63 -0.75	27.05 1.53 -0.03	25.27 1.32 0.00	25.62 1.27 0.00	23.72 1.19 0.00	24.64 1.20 0.01	27.24 1.42 0.01	28.09 1.56 -0.61	30.18 1.80 -0.68	31.18 1.78 -0.29	31.52 1.96 2.49	34.64 2.03 2.31	37.47 2.06 -0.99	38.24 1.96 -7.47	48.79 2.64 -12.68	54.58 2.70 -19.00	55.68 2.28 -21.78	54.45 1.75 -26.12	55.07 2.07 -19.57	21.99 1.56 10.75	34.53 1.76 -0.71	29.72 1.78 1.76
FULTON COGEN____ 23766	29.33 -0.39 0.00	25.59 -0.42 0.00	25.94 -0.40 0.00	24.92 -0.56 0.00	23.48 -0.48 0.00	23.82 -0.54 0.00	22.03 -0.50 0.00	22.89 -0.56 0.00	25.23 -0.59 0.00	25.41 -0.52 0.00	27.17 -0.53 0.00	28.62 -0.49 0.00	32.76 -0.45 -1.15	36.53 -0.49 -2.10	35.58 -0.34 -1.51	28.75 -0.06 0.00	35.73 -0.03 -2.29	35.04 0.03 -2.12	33.46 0.13 -1.72	26.70 0.13 0.00	33.53 0.10 0.00	31.06 -0.12 0.00	31.74 -0.32 0.00	30.09 -0.36 -0.75

FULTON___LFGE 323630	33.34 3.62 0.00	29.10 3.09 0.00	31.26 2.87 -2.06	28.27 2.70 -0.09	26.43 2.47 0.00	26.87 2.51 0.00	24.90 2.37 0.00	25.63 2.18 0.00	28.15 2.33 0.00	29.97 2.33 -1.71	32.14 2.52 -1.92	32.82 2.68 -1.03	39.05 3.05 -3.95	41.44 3.35 -3.17	47.94 3.61 -9.91	59.95 3.17 -27.97	72.91 4.18 -35.26	89.18 4.37 -51.93	95.95 4.80 -59.53	102.25 4.28 -71.40	92.21 5.28 -53.49	66.57 4.77 -30.62	44.46 4.65 -7.75	34.75 4.04 -1.01
G.F.CEMENT___DRP 24184	32.45 2.73 0.00	28.37 2.37 0.00	30.84 2.32 -2.19	27.69 2.12 -0.09	25.87 1.92 0.00	26.33 1.97 0.00	24.42 1.89 0.00	25.33 1.88 0.00	31.94 2.20 -3.92	35.50 2.36 -7.21	32.76 2.44 -2.63	33.97 2.62 -2.24	43.51 2.88 -8.57	47.62 3.14 -9.56	56.80 2.99 -19.39	72.00 2.59 -40.60	87.70 3.15 -51.09	91.00 2.96 -55.16	98.08 3.23 -63.23	105.36 2.95 -75.84	93.90 3.64 -56.82	67.01 3.31 -32.52	43.57 3.27 -8.24	33.71 2.94 -1.08
GARDENVILLE___LBMP 24039	29.98 0.27 0.00	25.82 -0.18 0.00	26.46 0.00 -0.13	24.75 -0.74 -0.01	23.33 -0.62 0.00	23.55 -0.80 0.00	21.85 -0.68 0.00	22.77 -0.68 0.00	24.95 -0.88 0.00	25.38 -0.65 -0.10	27.15 -0.66 -0.12	28.62 -0.55 -0.06	31.59 -0.71 -0.24	34.28 -0.84 -0.19	34.71 -0.31 -0.60	31.24 0.72 -1.71	36.49 0.87 -2.15	36.92 0.82 -3.22	36.64 1.33 -3.69	32.22 1.22 -4.42	37.72 0.97 -3.31	33.08 0.00 -1.90	32.28 -0.26 -0.48	29.79 0.03 -0.06
GARDNVLA_35_KV_LD 355827	30.10 0.39 0.00	25.93 -0.08 0.00	26.57 0.11 -0.13	24.83 -0.66 -0.01	23.43 -0.53 0.00	23.63 -0.73 0.00	21.94 -0.59 0.00	22.84 -0.61 0.00	25.05 -0.77 0.00	25.49 -0.54 -0.10	27.26 -0.55 -0.12	28.74 -0.44 -0.06	31.72 -0.58 -0.24	34.42 -0.70 -0.19	34.88 -0.14 -0.61	31.39 0.86 -1.72	36.67 1.04 -2.16	37.14 1.02 -3.24	36.85 1.52 -3.71	32.38 1.36 -4.45	37.90 1.14 -3.34	33.21 0.12 -1.91	32.45 -0.10 -0.48	29.91 0.15 -0.06
GELCKHM___115KV_LOAD 80723	29.42 -0.30 0.00	25.67 -0.34 0.00	26.08 -0.32 -0.06	25.00 -0.48 0.00	23.55 -0.41 0.00	23.89 -0.46 0.00	22.10 -0.43 0.00	22.98 -0.47 0.00	25.34 -0.49 0.00	25.57 -0.41 -0.05	27.34 -0.42 -0.06	28.77 -0.38 -0.03	32.28 -0.32 -0.54	35.48 -0.31 -0.87	35.10 -0.17 -0.86	29.77 0.12 -0.85	35.51 0.13 -1.91	35.46 0.20 -2.38	34.34 0.25 -2.46	29.00 0.24 -2.19	35.31 0.23 -1.64	32.09 -0.03 -0.94	32.07 -0.22 -0.24	29.77 -0.24 -0.31
GENERAL___MILLS 23808	30.07 0.36 0.00	25.88 -0.13 0.00	26.52 0.05 -0.13	24.80 -0.69 -0.01	23.38 -0.57 0.00	23.60 -0.76 0.00	21.90 -0.63 0.00	22.82 -0.63 0.00	25.00 -0.83 0.00	25.46 -0.57 -0.10	27.21 -0.61 -0.12	28.68 -0.49 -0.06	31.66 -0.44 -0.24	34.35 -0.77 -0.19	34.82 -0.21 -0.61	31.33 0.81 -1.71	36.56 0.94 -2.16	37.03 0.92 -3.23	36.75 1.42 -3.71	32.32 1.30 -4.44	37.83 1.07 -3.33	33.15 0.06 -1.91	32.38 -0.16 -0.48	29.85 0.09 -0.06
GE_PLASTICS___DRP 24183	30.69 0.98 0.00	26.94 0.94 0.00	28.68 1.00 -1.35	26.49 0.94 -0.06	24.80 0.84 0.00	25.26 0.90 0.00	23.36 0.83 0.00	24.27 0.82 0.00	23.30 0.88 3.40	23.29 0.93 3.57	29.45 1.00 -0.75	29.84 1.05 0.33	31.96 1.12 1.22	32.80 1.19 3.31	34.40 1.20 1.21	38.74 1.09 -8.84	45.93 1.24 -11.23	68.13 1.22 -34.03	71.71 1.08 -39.02	74.24 0.88 -46.79	69.59 1.10 -35.06	52.18 0.94 -20.07	38.10 0.96 -5.08	31.31 0.95 -0.66
GILBOA___1 23756	30.64 0.92 0.00	26.86 0.86 0.00	27.83 0.82 -0.68	26.31 0.79 -0.03	24.65 0.70 0.00	25.16 0.80 0.00	23.23 0.70 0.00	24.15 0.70 0.00	26.63 0.80 0.00	27.31 0.83 -0.56	29.27 0.94 -0.63	30.41 0.96 -0.33	34.37 1.03 -1.29	37.00 1.05 -1.03	38.74 1.10 -3.23	38.99 1.07 -9.11	46.12 1.17 -11.48	51.19 1.08 -17.23	52.35 0.98 -19.75	51.11 0.85 -23.69	52.38 1.20 -17.75	42.27 0.93 -10.16	35.59 0.96 -2.57	31.01 0.98 -0.34
GILBOA___2 23757	30.64 0.92 0.00	26.86 0.86 0.00	27.83 0.82 -0.68	26.31 0.79 -0.03	24.65 0.70 0.00	25.16 0.80 0.00	23.23 0.70 0.00	24.15 0.70 0.00	26.63 0.80 0.00	27.31 0.83 -0.56	29.27 0.94 -0.63	30.41 0.96 -0.33	34.37 1.03 -1.29	37.00 1.05 -1.03	38.74 1.10 -3.23	38.99 1.07 -9.11	46.12 1.17 -11.48	51.19 1.08 -17.23	52.35 0.98 -19.75	51.11 0.85 -23.69	52.38 1.20 -17.75	42.27 0.93 -10.16	35.59 0.96 -2.57	31.01 0.98 -0.34
GILBOA___3 23758	30.64 0.92 0.00	26.86 0.86 0.00	27.83 0.82 -0.68	26.31 0.79 -0.03	24.65 0.70 0.00	25.16 0.80 0.00	23.23 0.70 0.00	24.15 0.70 0.00	26.63 0.80 0.00	27.31 0.83 -0.56	29.27 0.94 -0.63	30.41 0.96 -0.33	34.37 1.03 -1.29	37.00 1.05 -1.03	38.74 1.10 -3.23	38.99 1.07 -9.11	46.12 1.17 -11.48	51.19 1.08 -17.23	52.35 0.98 -19.75	51.11 0.85 -23.69	52.38 1.20 -17.75	42.27 0.93 -10.16	35.59 0.96 -2.57	31.01 0.98 -0.34
GILBOA___4 23759	30.64 0.92 0.00	26.86 0.86 0.00	27.83 0.82 -0.68	26.31 0.79 -0.03	24.65 0.70 0.00	25.16 0.80 0.00	23.23 0.70 0.00	24.15 0.70 0.00	26.63 0.80 0.00	27.31 0.83 -0.56	29.27 0.94 -0.63	30.41 0.96 -0.33	34.37 1.03 -1.29	37.00 1.05 -1.03	38.74 1.10 -3.23	38.99 1.07 -9.11	46.12 1.17 -11.48	51.19 1.08 -17.23	52.35 0.98 -19.75	51.11 0.85 -23.69	52.38 1.20 -17.75	42.27 0.93 -10.16	35.59 0.96 -2.57	31.01 0.98 -0.34
GILBOA___ 23599	30.69 0.98 0.00	26.89 0.88 0.00	27.91 0.90 -0.68	26.30 0.79 -0.03	24.65 0.69 0.00	25.16 0.80 0.00	23.23 0.70 0.00	24.15 0.70 0.00	26.63 0.80 0.00	27.31 0.83 -0.56	29.27 0.94 -0.63	30.41 0.96 -0.33	34.40 1.06 -1.29	37.03 1.08 -1.03	38.74 1.10 -3.23	38.98 1.07 -9.11	46.12 1.17 -11.48	51.23 1.12 -17.23	52.35 0.98 -19.75	51.11 0.85 -23.69	52.41 1.24 -17.75	42.31 0.97 -10.16	35.63 0.99 -2.57	31.01 0.98 -0.34
GINNA___ 23603	28.47 -1.25 0.00	24.65 -1.35 0.00	24.66 -1.76 -0.09	23.86 -1.63 0.00	22.42 -1.53 0.00	22.65 -1.71 0.00	21.00 -1.53 0.00	21.86 -1.60 0.00	24.12 -1.71 0.00	24.49 -1.50 -0.07	26.31 -1.47 -0.08	27.64 -1.52 -0.04	30.55 -1.67 -0.16	33.23 -1.82 -0.13	33.41 -1.41 -0.41	29.36 -0.61 -1.15	34.25 -0.67 -1.45	34.36 -0.69 -2.17	33.60 -0.51 -2.49	29.19 -0.37 -2.99	35.13 -0.54 -2.24	31.46 -1.00 -1.28	31.10 -1.28 -0.32	28.49 -1.25 -0.04
GLEN PARK___ 23778	30.93 1.22 0.00	26.92 0.91 0.00	27.20 0.87 0.00	26.25 0.76 0.00	24.82 0.86 0.00	25.16 0.80 0.00	23.12 0.58 0.00	23.75 0.30 0.00	26.11 0.28 0.00	26.19 0.26 0.00	28.12 0.42 0.00	29.64 0.52 0.00	33.39 0.77 -0.56	36.82 0.87 -1.03	36.19 1.03 -0.74	29.79 0.98 0.00	35.83 1.24 -1.12	35.46 1.55 -1.04	34.39 1.93 -0.84	28.22 1.65 0.00	35.54 2.11 0.00	33.08 1.90 0.00	33.60 1.54 0.00	31.34 1.28 -0.37
GLENDALE_27_KV_LOAD 356172	31.67 1.96 0.00	27.85 1.85 0.00	28.83 1.74 -0.75	27.10 1.58 -0.03	25.35 1.39 0.00	25.74 1.39 0.00	23.90 1.37 0.00	24.86 1.41 0.00	27.48 1.65 0.00	28.31 1.76 -0.61	30.39 1.99 -0.69	31.46 1.98 -0.37	35.62 2.15 -1.42	38.37 2.30 -1.14	40.32 2.34 -3.57	41.07 2.19 -10.07	49.04 2.88 -12.69	54.79 2.89 -19.01	55.88 2.47 -21.79	54.65 1.94 -26.14	55.32 2.31 -19.59	44.11 1.71 -11.21	36.82 1.92 -2.84	32.03 1.96 -0.37

GLENWOOD_IC_1_G5 23712	37.12 2.08 -5.33	34.00 1.95 -6.05	29.24 1.90 -1.01	27.29 1.76 -0.05	25.55 1.53 -0.06	25.99 1.63 0.00	24.11 1.58 0.00	25.12 1.66 0.00	28.21 1.86 -0.52	33.03 1.87 -5.23	40.16 2.02 -10.44	40.49 2.04 -9.34	41.54 2.18 -7.30	42.94 2.41 -5.61	43.21 2.44 -6.35	43.84 2.28 -12.76	53.26 2.84 -16.95	55.03 2.93 -19.22	55.92 2.50 -21.80	54.58 1.86 -26.15	55.09 2.07 -19.59	44.11 1.71 -11.21	40.61 1.96 -6.60	37.68 1.93 -6.05
GLENWOOD_IC_2_G1 23688	36.85 1.81 -5.33	33.80 1.74 -6.05	28.98 1.63 -1.01	27.14 1.61 -0.05	25.41 1.39 -0.06	25.83 1.46 -0.01	23.98 1.44 -0.01	24.96 1.50 -0.01	28.02 1.68 -0.52	32.93 1.76 -5.23	40.08 1.94 -10.44	40.42 2.01 -9.30	41.43 2.12 -7.26	42.83 2.30 -5.60	43.11 2.34 -6.35	43.73 2.19 -12.73	53.16 2.74 -16.95	54.81 2.79 -19.13	55.86 2.43 -21.80	54.58 1.86 -26.15	55.13 2.11 -19.59	44.11 1.71 -11.21	40.58 1.92 -6.60	37.68 1.93 -6.05
GLENWOOD_IC_3_G1 23689	36.85 1.81 -5.33	33.80 1.74 -6.05	28.98 1.63 -1.01	27.14 1.61 -0.05	25.41 1.39 -0.06	25.83 1.46 -0.01	23.98 1.44 -0.01	24.96 1.50 -0.01	28.02 1.68 -0.52	32.93 1.76 -5.23	40.08 1.94 -10.44	40.42 2.01 -9.30	41.43 2.12 -7.26	42.83 2.30 -5.60	43.11 2.34 -6.35	43.73 2.19 -12.73	53.16 2.74 -16.95	54.81 2.79 -19.13	55.86 2.43 -21.80	54.58 1.86 -26.15	55.13 2.11 -19.59	44.11 1.71 -11.21	40.58 1.92 -6.60	37.68 1.93 -6.05
GLENWOOD___4 23550	37.12 2.08 -5.33	34.00 1.95 -6.05	29.24 1.90 -1.01	27.29 1.76 -0.05	25.55 1.53 -0.06	25.99 1.63 0.00	24.11 1.58 0.00	25.12 1.66 0.00	28.21 1.86 -0.52	33.06 1.89 -5.23	40.22 2.08 -10.44	40.57 2.13 -9.34	41.63 2.28 -7.30	43.04 2.51 -5.61	43.31 2.55 -6.35	43.93 2.36 -12.76	53.33 2.91 -16.95	55.09 2.99 -19.22	55.98 2.56 -21.80	54.66 1.94 -26.15	55.19 2.17 -19.59	44.17 1.78 -11.21	40.71 2.05 -6.60	37.77 2.02 -6.05
GLENWOOD___5 23614	37.12 2.08 -5.33	34.00 1.95 -6.05	29.24 1.90 -1.01	27.29 1.76 -0.05	25.55 1.53 -0.06	25.99 1.63 0.00	24.11 1.58 0.00	25.12 1.66 0.00	28.21 1.86 -0.52	33.06 1.89 -5.23	40.22 2.08 -10.44	40.57 2.13 -9.34	41.63 2.28 -7.30	43.04 2.51 -5.61	43.31 2.55 -6.35	43.93 2.36 -12.76	53.33 2.91 -16.95	55.09 2.99 -19.22	55.98 2.56 -21.80	54.66 1.94 -26.15	55.19 2.17 -19.59	44.17 1.78 -11.21	40.71 2.05 -6.60	37.77 2.02 -6.05
GLOBAL GREEN_PORT_GT1 23814	39.53 4.49 -5.33	36.09 4.03 -6.05	31.22 3.87 -1.01	29.28 3.75 -0.05	27.42 3.40 -0.06	27.85 3.48 -0.01	25.80 3.27 -0.01	26.95 3.49 -0.01	30.32 3.98 -0.52	35.36 4.20 -5.23	42.89 4.74 -10.45	47.69 4.83 -13.74	48.88 5.23 -11.60	46.96 5.55 -6.49	46.20 5.44 -6.35	48.96 4.90 -15.25	56.44 6.02 -16.95	68.00 6.15 -28.97	59.05 5.63 -21.80	56.97 4.25 -26.15	57.47 4.45 -19.59	46.51 4.12 -11.21	43.56 4.91 -6.60	40.35 4.60 -6.05
GLOBE___DSASP 323697	29.00 -0.71 0.00	24.94 -1.07 0.00	25.82 -0.63 -0.12	24.09 -1.40 -0.01	22.52 -1.44 0.00	22.70 -1.66 0.00	21.13 -1.40 0.00	22.02 -1.43 0.00	24.12 -1.70 0.00	24.55 -1.48 -0.09	26.23 -1.58 -0.11	27.63 -1.54 -0.06	30.45 -1.83 -0.22	33.00 -2.10 -0.18	33.38 -1.58 -0.55	29.94 -0.43 -1.56	34.93 -0.50 -1.96	35.29 -0.53 -2.94	34.96 -0.03 -3.37	30.72 0.11 -4.04	36.12 -0.33 -3.03	31.63 -1.28 -1.73	31.12 -1.38 -0.44	28.80 -0.95 -0.06
GOETHSLN___LBMP 323567	31.20 1.49 0.00	27.46 1.46 0.00	28.46 1.37 -0.75	26.77 1.25 -0.03	25.06 1.10 0.00	25.50 1.14 0.00	23.68 1.15 0.00	24.67 1.22 0.00	27.25 1.42 0.00	28.02 1.48 -0.61	30.03 1.63 -0.69	31.11 1.63 -0.37	35.14 1.67 -1.42	37.91 1.85 -1.14	37.32 1.89 -1.01	38.09 1.79 -7.49	48.47 2.31 -12.69	54.26 2.37 -19.01	55.41 1.99 -21.79	54.25 1.54 -26.14	54.82 1.81 -19.58	43.82 1.43 -11.21	36.37 1.47 -2.84	29.46 1.51 1.75
GOLAH___69_KV_TB 1_2 80279	29.83 0.12 0.00	25.85 -0.16 0.00	26.51 0.08 -0.09	25.03 -0.46 0.00	23.53 -0.43 0.00	23.75 -0.61 0.00	22.03 -0.50 0.00	22.91 -0.54 0.00	25.15 -0.67 0.00	25.56 -0.44 -0.07	27.48 -0.30 -0.08	28.87 -0.29 -0.04	31.78 -0.45 -0.17	34.57 -0.49 -0.14	34.81 -0.03 -0.43	30.87 0.84 -1.22	36.05 1.04 -1.54	36.07 0.89 -2.31	35.43 1.17 -2.64	30.80 1.06 -3.17	36.94 1.14 -2.38	32.95 0.41 -1.36	32.53 0.13 -0.34	29.86 0.12 -0.05
GOODYEAR_LAKE_HYD 323669	31.11 1.40 0.00	27.20 1.20 0.00	28.37 1.19 -0.85	26.52 0.99 -0.04	24.89 0.93 0.00	25.33 0.97 0.00	23.41 0.88 0.00	24.29 0.84 0.00	26.81 0.98 0.00	27.69 1.06 -0.70	29.73 1.25 -0.79	30.87 1.34 -0.42	35.38 1.60 -1.73	38.17 1.75 -1.50	40.51 1.89 -4.20	42.03 1.79 -11.43	50.25 2.14 -14.64	56.61 2.17 -21.56	58.41 2.15 -24.64	57.73 1.81 -29.35	57.70 2.27 -21.99	45.52 1.75 -12.59	36.85 1.60 -3.19	31.67 1.48 -0.49
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	30.19 0.48 0.00	26.29 0.29 0.00	26.92 0.32 -0.26	25.52 0.03 -0.01	24.03 0.07 0.00	24.38 0.02 0.00	22.55 0.02 0.00	23.45 0.00 0.00	25.83 0.00 0.00	26.22 0.08 -0.22	28.08 0.14 -0.24	29.45 0.20 -0.13	33.06 0.26 -0.75	36.06 0.28 -0.86	36.48 0.48 -1.58	33.13 0.78 -3.54	39.40 0.97 -4.96	41.03 1.02 -7.13	40.78 1.14 -8.02	36.72 0.98 -9.17	41.40 1.10 -6.87	35.74 0.62 -3.93	33.50 0.45 -1.00	30.44 0.45 -0.29
GOUDEY___7 23579	30.22 0.51 0.00	26.32 0.31 0.00	26.94 0.34 -0.26	25.55 0.05 -0.01	24.05 0.10 0.00	24.41 0.05 0.00	22.58 0.05 0.00	23.47 0.02 0.00	25.85 0.03 0.00	26.25 0.10 -0.22	28.11 0.17 -0.24	29.48 0.23 -0.13	33.13 0.32 -0.75	36.13 0.35 -0.86	36.51 0.52 -1.58	33.15 0.81 -3.54	39.43 1.00 -4.96	41.06 1.05 -7.13	40.81 1.17 -8.02	36.78 1.04 -9.17	41.44 1.14 -6.87	35.77 0.65 -3.93	33.54 0.48 -1.00	30.47 0.48 -0.29
GOUDEY___8 23580	30.19 0.48 0.00	26.29 0.29 0.00	26.92 0.32 -0.26	25.52 0.03 -0.01	24.03 0.07 0.00	24.38 0.02 0.00	22.55 0.02 0.00	23.45 0.00 0.00	25.83 0.00 0.00	26.22 0.08 -0.22	28.08 0.14 -0.24	29.45 0.20 -0.13	33.06 0.26 -0.75	36.06 0.28 -0.86	36.48 0.48 -1.58	33.13 0.78 -3.54	39.40 0.97 -4.96	41.03 1.02 -7.13	40.78 1.14 -8.02	36.72 0.98 -9.17	41.40 1.10 -6.87	35.74 0.62 -3.93	33.50 0.45 -1.00	30.44 0.45 -0.29
GOWANUS_GT1_1 24077	31.64 1.93 0.00	27.88 1.87 0.00	28.83 1.74 -0.75	27.12 1.61 -0.03	25.35 1.39 0.00	25.72 1.36 0.00	23.86 1.33 0.00	24.81 1.36 0.00	27.43 1.60 0.00	28.25 1.71 -0.61	30.36 1.97 -0.69	31.46 1.98 -0.37	35.62 2.15 -1.42	38.33 2.27 -1.14	40.25 2.27 -3.57	41.04 2.16 -10.07	49.00 2.84 -12.69	54.79 2.89 -19.01	55.88 2.47 -21.79	54.63 1.91 -26.14	55.29 2.27 -19.59	44.07 1.68 -11.21	36.82 1.92 -2.84	32.03 1.96 -0.37
GOWANUS_GT1_2 24078	31.64 1.93 0.00	27.88 1.87 0.00	28.83 1.74 -0.75	27.12 1.61 -0.03	25.35 1.39 0.00	25.72 1.36 0.00	23.86 1.33 0.00	24.81 1.36 0.00	27.43 1.60 0.00	28.25 1.71 -0.61	30.36 1.97 -0.69	31.46 1.98 -0.37	35.62 2.15 -1.42	38.33 2.27 -1.14	40.25 2.27 -3.57	41.04 2.16 -10.07	49.00 2.84 -12.69	54.79 2.89 -19.01	55.88 2.47 -21.79	54.63 1.91 -26.14	55.29 2.27 -19.59	44.07 1.68 -11.21	36.82 1.92 -2.84	32.03 1.96 -0.37

GOWANUS_GT1_3 24079	31.64 1.93 0.00	27.88 1.87 0.00	28.83 1.74 -0.75	27.12 1.61 -0.03	25.35 1.39 0.00	25.72 1.36 0.00	23.86 1.33 0.00	24.81 1.36 0.00	27.43 1.60 0.00	28.25 1.71 -0.61	30.36 1.97 -0.69	31.46 1.98 -0.37	35.62 2.15 -1.42	38.33 2.27 -1.14	40.25 2.27 -3.57	41.04 2.16 -10.07	49.00 2.84 -12.69	54.79 2.89 -19.01	55.88 2.47 -21.79	54.63 1.91 -26.14	55.29 2.27 -19.59	44.07 1.68 -11.21	36.82 1.92 -2.84	32.03 1.96 -0.37
GOWANUS_GT1_4 24080	31.64 1.93 0.00	27.88 1.87 0.00	28.83 1.74 -0.75	27.12 1.61 -0.03	25.35 1.39 0.00	25.72 1.36 0.00	23.86 1.33 0.00	24.81 1.36 0.00	27.43 1.60 0.00	28.25 1.71 -0.61	30.36 1.97 -0.69	31.46 1.98 -0.37	35.62 2.15 -1.42	38.33 2.27 -1.14	40.25 2.27 -3.57	41.04 2.16 -10.07	49.00 2.84 -12.69	54.79 2.89 -19.01	55.88 2.47 -21.79	54.63 1.91 -26.14	55.29 2.27 -19.59	44.07 1.68 -11.21	36.82 1.92 -2.84	32.03 1.96 -0.37
GOWANUS_GT1_5 24084	31.64 1.93 0.00	27.88 1.87 0.00	28.83 1.74 -0.75	27.12 1.61 -0.03	25.35 1.39 0.00	25.72 1.36 0.00	23.86 1.33 0.00	24.81 1.36 0.00	27.43 1.60 0.00	28.25 1.71 -0.61	30.36 1.97 -0.69	31.46 1.98 -0.37	35.62 2.15 -1.42	38.33 2.27 -1.14	40.25 2.27 -3.57	41.04 2.16 -10.07	49.00 2.84 -12.69	54.79 2.89 -19.01	55.88 2.47 -21.79	54.63 1.91 -26.14	55.29 2.27 -19.59	44.07 1.68 -11.21	36.82 1.92 -2.84	32.03 1.96 -0.37
GOWANUS_GT1_6 24111	31.64 1.93 0.00	27.88 1.87 0.00	28.83 1.74 -0.75	27.12 1.61 -0.03	25.35 1.39 0.00	25.72 1.36 0.00	23.86 1.33 0.00	24.81 1.36 0.00	27.43 1.60 0.00	28.25 1.71 -0.61	30.36 1.97 -0.69	31.46 1.98 -0.37	35.62 2.15 -1.42	38.33 2.27 -1.14	40.25 2.27 -3.57	41.04 2.16 -10.07	49.00 2.84 -12.69	54.79 2.89 -19.01	55.88 2.47 -21.79	54.63 1.91 -26.14	55.29 2.27 -19.59	44.07 1.68 -11.21	36.82 1.92 -2.84	32.03 1.96 -0.37
GOWANUS_GT1_7 24112	31.64 1.93 0.00	27.88 1.87 0.00	28.83 1.74 -0.75	27.12 1.61 -0.03	25.35 1.39 0.00	25.72 1.36 0.00	23.86 1.33 0.00	24.81 1.36 0.00	27.43 1.60 0.00	28.25 1.71 -0.61	30.36 1.97 -0.69	31.46 1.98 -0.37	35.62 2.15 -1.42	38.33 2.27 -1.14	40.25 2.27 -3.57	41.04 2.16 -10.07	49.00 2.84 -12.69	54.79 2.89 -19.01	55.88 2.47 -21.79	54.63 1.91 -26.14	55.29 2.27 -19.59	44.07 1.68 -11.21	36.82 1.92 -2.84	32.03 1.96 -0.37
GOWANUS_GT1_8 24113	31.64 1.93 0.00	27.88 1.87 0.00	28.83 1.74 -0.75	27.12 1.61 -0.03	25.35 1.39 0.00	25.72 1.36 0.00	23.86 1.33 0.00	24.81 1.36 0.00	27.43 1.60 0.00	28.25 1.71 -0.61	30.36 1.97 -0.69	31.46 1.98 -0.37	35.62 2.15 -1.42	38.33 2.27 -1.14	40.25 2.27 -3.57	41.04 2.16 -10.07	49.00 2.84 -12.69	54.79 2.89 -19.01	55.88 2.47 -21.79	54.63 1.91 -26.14	55.29 2.27 -19.59	44.07 1.68 -11.21	36.82 1.92 -2.84	32.03 1.96 -0.37
GOWANUS_GT2_1 24114	31.56 1.84 0.00	27.85 1.85 0.00	28.80 1.71 -0.75	27.12 1.61 -0.03	25.35 1.39 0.00	25.72 1.36 0.00	23.86 1.33 0.00	24.81 1.36 0.00	27.43 1.60 0.00	28.25 1.71 -0.61	30.33 1.94 -0.69	31.43 1.95 -0.37	35.62 2.15 -1.42	38.33 2.27 -1.14	40.25 2.27 -3.57	41.01 2.13 -10.07	49.04 2.88 -12.69	54.75 2.86 -19.01	55.88 2.47 -21.79	54.63 1.91 -26.14	55.29 2.27 -19.59	44.07 1.68 -11.21	36.82 1.92 -2.84	32.03 1.96 -0.37
GOWANUS_GT2_2 24115	31.56 1.84 0.00	27.85 1.85 0.00	28.80 1.71 -0.75	27.12 1.61 -0.03	25.35 1.39 0.00	25.72 1.36 0.00	23.86 1.33 0.00	24.81 1.36 0.00	27.43 1.60 0.00	28.25 1.71 -0.61	30.33 1.94 -0.69	31.43 1.95 -0.37	35.62 2.15 -1.42	38.33 2.27 -1.14	40.25 2.27 -3.57	41.01 2.13 -10.07	49.04 2.88 -12.69	54.75 2.86 -19.01	55.88 2.47 -21.79	54.63 1.91 -26.14	55.29 2.27 -19.59	44.07 1.68 -11.21	36.82 1.92 -2.84	32.03 1.96 -0.37
GOWANUS_GT2_3 24116	31.56 1.84 0.00	27.85 1.85 0.00	28.80 1.71 -0.75	27.12 1.61 -0.03	25.35 1.39 0.00	25.72 1.36 0.00	23.86 1.33 0.00	24.81 1.36 0.00	27.43 1.60 0.00	28.25 1.71 -0.61	30.33 1.94 -0.69	31.43 1.95 -0.37	35.62 2.15 -1.42	38.33 2.27 -1.14	40.25 2.27 -3.57	41.01 2.13 -10.07	49.04 2.88 -12.69	54.75 2.86 -19.01	55.88 2.47 -21.79	54.63 1.91 -26.14	55.29 2.27 -19.59	44.07 1.68 -11.21	36.82 1.92 -2.84	32.03 1.96 -0.37
GOWANUS_GT2_4 24117	31.56 1.84 0.00	27.85 1.85 0.00	28.80 1.71 -0.75	27.12 1.61 -0.03	25.35 1.39 0.00	25.72 1.36 0.00	23.86 1.33 0.00	24.81 1.36 0.00	27.43 1.60 0.00	28.25 1.71 -0.61	30.33 1.94 -0.69	31.43 1.95 -0.37	35.62 2.15 -1.42	38.33 2.27 -1.14	40.25 2.27 -3.57	41.01 2.13 -10.07	49.04 2.88 -12.69	54.75 2.86 -19.01	55.88 2.47 -21.79	54.63 1.91 -26.14	55.29 2.27 -19.59	44.07 1.68 -11.21	36.82 1.92 -2.84	32.03 1.96 -0.37
GOWANUS_GT2_5 24118	31.56 1.84 0.00	27.85 1.85 0.00	28.80 1.71 -0.75	27.12 1.61 -0.03	25.35 1.39 0.00	25.72 1.36 0.00	23.86 1.33 0.00	24.81 1.36 0.00	27.43 1.60 0.00	28.25 1.71 -0.61	30.33 1.94 -0.69	31.43 1.95 -0.37	35.62 2.15 -1.42	38.33 2.27 -1.14	40.25 2.27 -3.57	41.01 2.13 -10.07	49.04 2.88 -12.69	54.75 2.86 -19.01	55.88 2.47 -21.79	54.63 1.91 -26.14	55.29 2.27 -19.59	44.07 1.68 -11.21	36.82 1.92 -2.84	32.03 1.96 -0.37
GOWANUS_GT2_6 24119	31.56 1.84 0.00	27.85 1.85 0.00	28.80 1.71 -0.75	27.12 1.61 -0.03	25.35 1.39 0.00	25.72 1.36 0.00	23.86 1.33 0.00	24.81 1.36 0.00	27.43 1.60 0.00	28.25 1.71 -0.61	30.33 1.94 -0.69	31.43 1.95 -0.37	35.62 2.15 -1.42	38.33 2.27 -1.14	40.25 2.27 -3.57	41.01 2.13 -10.07	49.04 2.88 -12.69	54.75 2.86 -19.01	55.88 2.47 -21.79	54.63 1.91 -26.14	55.29 2.27 -19.59	44.07 1.68 -11.21	36.82 1.92 -2.84	32.03 1.96 -0.37
GOWANUS_GT2_7 24120	31.56 1.84 0.00	27.85 1.85 0.00	28.80 1.71 -0.75	27.12 1.61 -0.03	25.35 1.39 0.00	25.72 1.36 0.00	23.86 1.33 0.00	24.81 1.36 0.00	27.43 1.60 0.00	28.25 1.71 -0.61	30.33 1.94 -0.69	31.43 1.95 -0.37	35.62 2.15 -1.42	38.33 2.27 -1.14	40.25 2.27 -3.57	41.01 2.13 -10.07	49.04 2.88 -12.69	54.75 2.86 -19.01	55.88 2.47 -21.79	54.63 1.91 -26.14	55.29 2.27 -19.59	44.07 1.68 -11.21	36.82 1.92 -2.84	32.03 1.96 -0.37
GOWANUS_GT2_8 24121	31.56 1.84 0.00	27.85 1.85 0.00	28.80 1.71 -0.75	27.12 1.61 -0.03	25.35 1.39 0.00	25.72 1.36 0.00	23.86 1.33 0.00	24.81 1.36 0.00	27.43 1.60 0.00	28.25 1.71 -0.61	30.33 1.94 -0.69	31.43 1.95 -0.37	35.62 2.15 -1.42	38.33 2.27 -1.14	40.25 2.27 -3.57	41.01 2.13 -10.07	49.04 2.88 -12.69	54.75 2.86 -19.01	55.88 2.47 -21.79	54.63 1.91 -26.14	55.29 2.27 -19.59	44.07 1.68 -11.21	36.82 1.92 -2.84	32.03 1.96 -0.37
GOWANUS_GT3_1 24122	31.56 1.84 0.00	27.85 1.85 0.00	28.80 1.71 -0.75	27.12 1.61 -0.03	25.35 1.39 0.00	25.72 1.36 0.00	23.86 1.33 0.00	24.81 1.36 0.00	27.43 1.60 0.00	28.25 1.71 -0.61	30.33 1.94 -0.69	31.43 1.95 -0.37	35.62 2.15 -1.42	38.33 2.27 -1.14	40.25 2.27 -3.57	41.01 2.13 -10.07	49.04 2.88 -12.69	54.75 2.86 -19.01	55.88 2.47 -21.79	54.63 1.91 -26.14	55.29 2.27 -19.59	44.07 1.68 -11.21	36.82 1.92 -2.84	32.03 1.96 -0.37

GOWANUS_GT3_2 24123	31.56 1.84 0.00	27.85 1.85 0.00	28.80 1.71 -0.75	27.12 1.61 -0.03	25.35 1.39 0.00	25.72 1.36 0.00	23.86 1.33 0.00	24.81 1.36 0.00	27.43 1.60 0.00	28.25 1.71 -0.61	30.33 1.94 -0.69	31.43 1.95 -0.37	35.62 2.15 -1.42	38.33 2.27 -1.14	40.25 2.27 -3.57	41.01 2.13 -10.07	49.04 2.88 -12.69	54.75 2.86 -19.01	55.88 2.47 -21.79	54.63 1.91 -26.14	55.29 2.27 -19.59	44.07 1.68 -11.21	36.82 1.92 -2.84	32.03 1.96 -0.37
GOWANUS_GT3_3 24124	31.56 1.84 0.00	27.85 1.85 0.00	28.80 1.71 -0.75	27.12 1.61 -0.03	25.35 1.39 0.00	25.72 1.36 0.00	23.86 1.33 0.00	24.81 1.36 0.00	27.43 1.60 0.00	28.25 1.71 -0.61	30.33 1.94 -0.69	31.43 1.95 -0.37	35.62 2.15 -1.42	38.33 2.27 -1.14	40.25 2.27 -3.57	41.01 2.13 -10.07	49.04 2.88 -12.69	54.75 2.86 -19.01	55.88 2.47 -21.79	54.63 1.91 -26.14	55.29 2.27 -19.59	44.07 1.68 -11.21	36.82 1.92 -2.84	32.03 1.96 -0.37
GOWANUS_GT3_4 24125	31.56 1.84 0.00	27.85 1.85 0.00	28.80 1.71 -0.75	27.12 1.61 -0.03	25.35 1.39 0.00	25.72 1.36 0.00	23.86 1.33 0.00	24.81 1.36 0.00	27.43 1.60 0.00	28.25 1.71 -0.61	30.33 1.94 -0.69	31.43 1.95 -0.37	35.62 2.15 -1.42	38.33 2.27 -1.14	40.25 2.27 -3.57	41.01 2.13 -10.07	49.04 2.88 -12.69	54.75 2.86 -19.01	55.88 2.47 -21.79	54.63 1.91 -26.14	55.29 2.27 -19.59	44.07 1.68 -11.21	36.82 1.92 -2.84	32.03 1.96 -0.37
GOWANUS_GT3_5 24126	31.56 1.84 0.00	27.85 1.85 0.00	28.80 1.71 -0.75	27.12 1.61 -0.03	25.35 1.39 0.00	25.72 1.36 0.00	23.86 1.33 0.00	24.81 1.36 0.00	27.43 1.60 0.00	28.25 1.71 -0.61	30.33 1.94 -0.69	31.43 1.95 -0.37	35.62 2.15 -1.42	38.33 2.27 -1.14	40.25 2.27 -3.57	41.01 2.13 -10.07	49.04 2.88 -12.69	54.75 2.86 -19.01	55.88 2.47 -21.79	54.63 1.91 -26.14	55.29 2.27 -19.59	44.07 1.68 -11.21	36.82 1.92 -2.84	32.03 1.96 -0.37
GOWANUS_GT3_6 24127	31.56 1.84 0.00	27.85 1.85 0.00	28.80 1.71 -0.75	27.12 1.61 -0.03	25.35 1.39 0.00	25.72 1.36 0.00	23.86 1.33 0.00	24.81 1.36 0.00	27.43 1.60 0.00	28.25 1.71 -0.61	30.33 1.94 -0.69	31.43 1.95 -0.37	35.62 2.15 -1.42	38.33 2.27 -1.14	40.25 2.27 -3.57	41.01 2.13 -10.07	49.04 2.88 -12.69	54.75 2.86 -19.01	55.88 2.47 -21.79	54.63 1.91 -26.14	55.29 2.27 -19.59	44.07 1.68 -11.21	36.82 1.92 -2.84	32.03 1.96 -0.37
GOWANUS_GT3_7 24128	31.56 1.84 0.00	27.85 1.85 0.00	28.80 1.71 -0.75	27.12 1.61 -0.03	25.35 1.39 0.00	25.72 1.36 0.00	23.86 1.33 0.00	24.81 1.36 0.00	27.43 1.60 0.00	28.25 1.71 -0.61	30.33 1.94 -0.69	31.43 1.95 -0.37	35.62 2.15 -1.42	38.33 2.27 -1.14	40.25 2.27 -3.57	41.01 2.13 -10.07	49.04 2.88 -12.69	54.75 2.86 -19.01	55.88 2.47 -21.79	54.63 1.91 -26.14	55.29 2.27 -19.59	44.07 1.68 -11.21	36.82 1.92 -2.84	32.03 1.96 -0.37
GOWANUS_GT3_8 24129	31.56 1.84 0.00	27.85 1.85 0.00	28.80 1.71 -0.75	27.12 1.61 -0.03	25.35 1.39 0.00	25.72 1.36 0.00	23.86 1.33 0.00	24.81 1.36 0.00	27.43 1.60 0.00	28.25 1.71 -0.61	30.33 1.94 -0.69	31.43 1.95 -0.37	35.62 2.15 -1.42	38.33 2.27 -1.14	40.25 2.27 -3.57	41.01 2.13 -10.07	49.04 2.88 -12.69	54.75 2.86 -19.01	55.88 2.47 -21.79	54.63 1.91 -26.14	55.29 2.27 -19.59	44.07 1.68 -11.21	36.82 1.92 -2.84	32.03 1.96 -0.37
GOWANUS_GT4_1 24130	31.64 1.93 0.00	27.88 1.87 0.00	28.83 1.74 -0.75	27.12 1.61 -0.03	25.35 1.39 0.00	25.72 1.36 0.00	23.86 1.33 0.00	24.81 1.36 0.00	27.43 1.60 0.00	28.25 1.71 -0.61	30.36 1.97 -0.69	31.46 1.98 -0.37	35.62 2.15 -1.42	38.33 2.27 -1.14	40.25 2.27 -3.57	41.04 2.16 -10.07	49.00 2.84 -12.69	54.79 2.89 -19.01	55.88 2.47 -21.79	54.63 1.91 -26.14	55.29 2.27 -19.59	44.07 1.68 -11.21	36.82 1.92 -2.84	32.03 1.96 -0.37
GOWANUS_GT4_2 24131	31.64 1.93 0.00	27.88 1.87 0.00	28.83 1.74 -0.75	27.12 1.61 -0.03	25.35 1.39 0.00	25.72 1.36 0.00	23.86 1.33 0.00	24.81 1.36 0.00	27.43 1.60 0.00	28.25 1.71 -0.61	30.36 1.97 -0.69	31.46 1.98 -0.37	35.62 2.15 -1.42	38.33 2.27 -1.14	40.25 2.27 -3.57	41.04 2.16 -10.07	49.00 2.84 -12.69	54.79 2.89 -19.01	55.88 2.47 -21.79	54.63 1.91 -26.14	55.29 2.27 -19.59	44.07 1.68 -11.21	36.82 1.92 -2.84	32.03 1.96 -0.37
GOWANUS_GT4_3 24132	31.64 1.93 0.00	27.88 1.87 0.00	28.83 1.74 -0.75	27.12 1.61 -0.03	25.35 1.39 0.00	25.72 1.36 0.00	23.86 1.33 0.00	24.81 1.36 0.00	27.43 1.60 0.00	28.25 1.71 -0.61	30.36 1.97 -0.69	31.46 1.98 -0.37	35.62 2.15 -1.42	38.33 2.27 -1.14	40.25 2.27 -3.57	41.04 2.16 -10.07	49.00 2.84 -12.69	54.79 2.89 -19.01	55.88 2.47 -21.79	54.63 1.91 -26.14	55.29 2.27 -19.59	44.07 1.68 -11.21	36.82 1.92 -2.84	32.03 1.96 -0.37
GOWANUS_GT4_4 24133	31.64 1.93 0.00	27.88 1.87 0.00	28.83 1.74 -0.75	27.12 1.61 -0.03	25.35 1.39 0.00	25.72 1.36 0.00	23.86 1.33 0.00	24.81 1.36 0.00	27.43 1.60 0.00	28.25 1.71 -0.61	30.36 1.97 -0.69	31.46 1.98 -0.37	35.62 2.15 -1.42	38.33 2.27 -1.14	40.25 2.27 -3.57	41.04 2.16 -10.07	49.00 2.84 -12.69	54.79 2.89 -19.01	55.88 2.47 -21.79	54.63 1.91 -26.14	55.29 2.27 -19.59	44.07 1.68 -11.21	36.82 1.92 -2.84	32.03 1.96 -0.37
GOWANUS_GT4_5 24134	31.64 1.93 0.00	27.88 1.87 0.00	28.83 1.74 -0.75	27.12 1.61 -0.03	25.35 1.39 0.00	25.72 1.36 0.00	23.86 1.33 0.00	24.81 1.36 0.00	27.43 1.60 0.00	28.25 1.71 -0.61	30.36 1.97 -0.69	31.46 1.98 -0.37	35.62 2.15 -1.42	38.33 2.27 -1.14	40.25 2.27 -3.57	41.04 2.16 -10.07	49.00 2.84 -12.69	54.79 2.89 -19.01	55.88 2.47 -21.79	54.63 1.91 -26.14	55.29 2.27 -19.59	44.07 1.68 -11.21	36.82 1.92 -2.84	32.03 1.96 -0.37
GOWANUS_GT4_6 24135	31.64 1.93 0.00	27.88 1.87 0.00	28.83 1.74 -0.75	27.12 1.61 -0.03	25.35 1.39 0.00	25.72 1.36 0.00	23.86 1.33 0.00	24.81 1.36 0.00	27.43 1.60 0.00	28.25 1.71 -0.61	30.36 1.97 -0.69	31.46 1.98 -0.37	35.62 2.15 -1.42	38.33 2.27 -1.14	40.25 2.27 -3.57	41.04 2.16 -10.07	49.00 2.84 -12.69	54.79 2.89 -19.01	55.88 2.47 -21.79	54.63 1.91 -26.14	55.29 2.27 -19.59	44.07 1.68 -11.21	36.82 1.92 -2.84	32.03 1.96 -0.37
GOWANUS_GT4_7 24136	31.64 1.93 0.00	27.88 1.87 0.00	28.83 1.74 -0.75	27.12 1.61 -0.03	25.35 1.39 0.00	25.72 1.36 0.00	23.86 1.33 0.00	24.81 1.36 0.00	27.43 1.60 0.00	28.25 1.71 -0.61	30.36 1.97 -0.69	31.46 1.98 -0.37	35.62 2.15 -1.42	38.33 2.27 -1.14	40.25 2.27 -3.57	41.04 2.16 -10.07	49.00 2.84 -12.69	54.79 2.89 -19.01	55.88 2.47 -21.79	54.63 1.91 -26.14	55.29 2.27 -19.59	44.07 1.68 -11.21	36.82 1.92 -2.84	32.03 1.96 -0.37
GOWANUS_GT4_8 24137	31.64 1.93 0.00	27.88 1.87 0.00	28.83 1.74 -0.75	27.12 1.61 -0.03	25.35 1.39 0.00	25.72 1.36 0.00	23.86 1.33 0.00	24.81 1.36 0.00	27.43 1.60 0.00	28.25 1.71 -0.61	30.36 1.97 -0.69	31.46 1.98 -0.37	35.62 2.15 -1.42	38.33 2.27 -1.14	40.25 2.27 -3.57	41.04 2.16 -10.07	49.00 2.84 -12.69	54.79 2.89 -19.01	55.88 2.47 -21.79	54.63 1.91 -26.14	55.29 2.27 -19.59	44.07 1.68 -11.21	36.82 1.92 -2.84	32.03 1.96 -0.37

GREENBSH_115KV_TB3 55895	30.60 0.89 0.00	26.86 0.86 0.00	28.84 1.00 -1.51	26.52 0.97 -0.06	24.80 0.84 0.00	25.23 0.88 0.00	23.34 0.81 0.00	24.27 0.82 0.00	21.55 0.85 5.13	21.02 0.91 5.82	29.26 0.91 -0.65	29.32 0.96 0.75	30.27 1.06 2.84	30.25 1.12 5.79	31.21 1.14 4.34	36.05 0.98 -6.26	42.60 1.10 -8.03	72.04 1.09 -38.08	76.22 0.95 -43.65	79.69 0.77 -52.35	73.62 0.97 -39.22	54.44 0.81 -22.45	38.61 0.87 -5.68	31.30 0.86 -0.74
GREENDGE_115KV_TB5 80291	30.40 0.68 0.00	26.37 0.36 0.00	26.94 0.45 -0.15	25.49 0.00 -0.01	24.01 0.05 0.00	24.33 -0.02 0.00	22.51 -0.02 0.00	23.38 -0.07 0.00	25.75 -0.08 0.00	26.08 0.03 -0.13	27.95 0.11 -0.14	29.39 0.20 -0.08	32.90 0.35 -0.49	35.91 0.38 -0.60	36.13 0.72 -0.99	32.08 1.21 -2.05	37.97 1.51 -2.99	38.74 1.61 -4.25	38.26 1.90 -4.74	33.57 1.67 -5.33	39.23 1.81 -3.99	34.59 1.12 -2.28	33.41 0.77 -0.58	30.62 0.71 -0.21
GREENIDGE___3 23582	30.40 0.68 0.00	26.37 0.36 0.00	26.94 0.45 -0.15	25.49 0.00 -0.01	24.01 0.05 0.00	24.33 -0.02 0.00	22.51 -0.02 0.00	23.38 -0.07 0.00	25.75 -0.08 0.00	26.08 0.03 -0.13	27.95 0.11 -0.14	29.39 0.20 -0.08	32.90 0.35 -0.49	35.91 0.38 -0.60	36.13 0.72 -0.99	32.08 1.21 -2.05	37.97 1.51 -2.99	38.74 1.61 -4.25	38.26 1.90 -4.74	33.57 1.67 -5.33	39.23 1.81 -3.99	34.59 1.12 -2.28	33.41 0.77 -0.58	30.62 0.71 -0.21
GREENIDGE___4 23583	30.40 0.68 0.00	26.32 0.31 0.00	26.44 -0.05 -0.15	25.49 0.00 -0.01	24.01 0.05 0.00	24.33 -0.02 0.00	22.51 -0.02 0.00	23.33 -0.12 0.00	25.75 -0.08 0.00	26.08 0.03 -0.13	27.92 0.08 -0.14	29.37 0.18 -0.08	32.83 0.29 -0.49	35.87 0.35 -0.60	36.10 0.69 -0.99	31.99 1.12 -2.05	37.90 1.44 -2.99	38.67 1.55 -4.25	38.20 1.83 -4.74	33.52 1.62 -5.33	39.16 1.74 -3.99	34.53 1.06 -2.28	33.34 0.70 -0.58	30.59 0.68 -0.21
GREENLWN_69_KV_BK 3 55738	37.45 2.41 -5.33	34.26 2.21 -6.05	29.51 2.16 -1.01	27.58 2.04 -0.05	25.79 1.77 -0.06	26.26 1.90 0.00	24.38 1.85 0.00	25.37 1.92 0.00	28.46 2.12 -0.52	33.42 2.26 -5.23	40.60 2.47 -10.44	40.32 2.56 -8.64	41.41 2.72 -6.63	43.32 2.93 -5.47	43.73 2.96 -6.36	43.89 2.71 -12.37	53.73 3.31 -16.95	54.04 3.45 -17.71	56.39 2.97 -21.80	54.87 2.15 -26.15	55.33 2.31 -19.59	44.39 2.00 -11.21	41.19 2.53 -6.60	38.21 2.46 -6.05
GREENWD_138_KV_38B11_REV_LBMP_J 345004	31.64 1.93 0.00	27.88 1.87 0.00	28.83 1.74 -0.75	27.12 1.61 -0.03	25.35 1.39 0.00	25.72 1.36 0.00	23.86 1.33 0.00	24.81 1.36 0.00	27.43 1.60 0.00	28.25 1.71 -0.61	30.36 1.97 -0.69	31.46 1.98 -0.37	35.62 2.15 -1.42	38.33 2.27 -1.14	40.25 2.27 -3.57	41.04 2.16 -10.07	49.00 2.84 -12.69	54.79 2.89 -19.01	55.88 2.47 -21.79	54.63 1.91 -26.14	55.29 2.27 -19.59	44.07 1.68 -11.21	36.82 1.92 -2.84	32.03 1.96 -0.37
GRISSOM___SOLAR 323813	33.34 3.62 0.00	29.10 3.09 0.00	31.26 2.87 -2.06	28.27 2.70 -0.09	26.43 2.47 0.00	26.87 2.51 0.00	24.90 2.37 0.00	25.63 2.18 0.00	28.15 2.33 0.00	29.97 2.33 -1.71	32.14 2.52 -1.92	32.82 2.68 -1.03	39.05 3.05 -3.95	41.44 3.35 -3.17	47.94 3.61 -9.91	59.95 3.17 -27.97	72.91 4.18 -35.26	89.18 4.37 -51.93	95.95 4.80 -59.53	102.25 4.28 -71.40	92.21 5.28 -53.49	66.57 4.77 -30.62	44.46 4.65 -7.75	34.75 4.04 -1.01
GROVEVILLE___HYD 323602	31.67 1.96 0.00	27.80 1.79 0.00	28.83 1.74 -0.76	27.12 1.61 -0.03	25.35 1.39 0.00	25.74 1.39 0.00	23.88 1.35 0.00	24.86 1.41 0.00	27.45 1.63 0.00	28.26 1.71 -0.62	30.34 1.94 -0.70	31.47 1.98 -0.37	35.67 2.18 -1.44	38.52 2.44 -1.15	40.43 2.41 -3.61	41.23 2.25 -10.18	49.11 2.81 -12.83	54.97 2.86 -19.23	56.19 2.47 -22.04	55.03 2.02 -26.44	55.71 2.47 -19.81	44.48 1.96 -11.34	36.92 1.99 -2.87	32.00 1.93 -0.38
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	29.68 -0.03 0.00	25.90 -0.10 0.00	26.30 -0.11 -0.07	25.21 -0.28 0.00	23.74 -0.22 0.00	24.09 -0.27 0.00	22.28 -0.25 0.00	23.17 -0.28 0.00	25.54 -0.28 0.00	25.78 -0.21 -0.06	27.60 -0.17 -0.07	29.03 -0.12 -0.04	32.84 0.00 -0.78	36.24 0.03 -1.28	35.81 0.21 -1.19	30.18 0.40 -0.97	36.47 0.50 -2.50	36.45 0.56 -3.01	35.27 0.60 -3.05	29.64 0.56 -2.51	35.88 0.57 -1.88	32.57 0.31 -1.08	32.43 0.10 -0.27	30.21 0.06 -0.45
HAMLTNNY_34_KV_TB 80303	29.77 0.06 0.00	25.95 -0.05 0.00	26.39 -0.03 -0.08	25.23 -0.25 0.00	23.77 -0.19 0.00	24.11 -0.24 0.00	22.28 -0.25 0.00	23.19 -0.26 0.00	25.57 -0.26 0.00	25.84 -0.16 -0.06	27.66 -0.11 -0.07	29.12 -0.03 -0.04	32.93 0.06 -0.81	36.35 0.10 -1.33	35.97 0.31 -1.24	30.37 0.52 -1.05	36.77 0.67 -2.64	36.80 0.72 -3.19	35.66 0.79 -3.25	29.97 0.69 -2.71	36.20 0.74 -2.03	32.78 0.44 -1.16	32.55 0.19 -0.29	30.32 0.15 -0.47
HAMPSHIRE___PAPER_HYD 323593	30.31 0.59 0.00	26.42 0.41 0.00	26.86 0.53 0.00	25.92 0.43 0.00	24.46 0.50 0.00	24.84 0.49 0.00	22.91 0.38 0.00	23.75 0.30 0.00	26.08 0.26 0.00	26.14 0.21 0.00	27.95 0.25 0.00	29.38 0.26 0.00	32.55 0.26 -0.24	35.67 0.31 -0.44	35.08 0.34 -0.32	28.67 -0.14 0.00	33.78 -0.17 -0.48	33.19 -0.13 -0.44	32.07 0.10 -0.36	26.65 0.08 0.00	33.63 0.20 0.00	31.84 0.66 0.00	32.60 0.54 0.00	30.36 0.50 -0.16
HARDSCRABBLE_WT_PWR 323673	30.01 0.30 0.00	26.21 0.21 0.00	26.52 0.19 0.00	25.66 0.18 0.00	24.15 0.19 0.00	24.53 0.17 0.00	22.67 0.14 0.00	23.54 0.09 0.00	25.96 0.13 0.00	26.11 0.18 0.00	27.95 0.25 0.00	29.38 0.26 0.00	32.47 0.42 0.00	35.37 0.45 0.00	34.90 0.48 0.00	29.30 0.49 0.00	34.00 0.53 0.00	33.40 0.52 0.00	32.16 0.54 0.00	26.94 0.37 0.00	33.83 0.40 0.00	31.43 0.25 0.00	32.19 0.13 0.00	29.79 0.09 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	31.35 1.63 0.00	27.51 1.51 0.00	28.49 1.45 -0.71	26.84 1.33 -0.03	25.11 1.15 0.00	25.53 1.17 0.00	23.66 1.13 0.00	24.62 1.17 0.00	27.22 1.39 0.00	27.96 1.45 -0.58	30.01 1.66 -0.65	31.15 1.69 -0.35	35.25 1.86 -1.33	38.02 2.03 -1.07	39.79 2.03 -3.35	40.19 1.93 -9.45	47.82 2.44 -11.91	53.23 2.50 -17.85	54.26 2.18 -20.46	52.84 1.73 -24.54	53.92 2.11 -18.39	43.33 1.62 -10.52	36.39 1.67 -2.66	31.68 1.63 -0.35
HARSNRAD_115KV_TB1 81005	29.77 0.06 0.00	25.62 -0.39 0.00	26.19 -0.26 -0.11	24.47 -1.02 0.00	23.14 -0.81 0.00	23.31 -1.05 0.00	21.58 -0.95 0.00	22.51 -0.94 0.00	24.64 -1.19 0.00	25.09 -0.93 -0.09	26.81 -1.00 -0.11	28.24 -0.93 -0.06	31.15 -1.12 -0.22	33.80 -1.29 -0.17	34.20 -0.76 -0.54	30.66 0.32 -1.53	35.80 0.40 -1.93	36.16 0.39 -2.88	35.81 0.89 -3.31	31.41 0.88 -3.96	37.00 0.60 -2.97	32.48 -0.41 -1.70	31.91 -0.58 -0.43	29.49 -0.27 -0.06
HARZA MOOSE___RIVER 24016	30.49 0.77 0.00	26.63 0.62 0.00	26.97 0.63 0.00	26.02 0.54 0.00	24.53 0.57 0.00	24.92 0.56 0.00	22.98 0.45 0.00	23.78 0.33 0.00	26.19 0.36 0.00	26.29 0.36 0.00	28.20 0.50 0.00	29.67 0.55 0.00	33.01 0.77 -0.18	36.13 0.87 -0.33	35.65 1.00 -0.24	29.70 0.89 0.00	34.90 1.07 -0.36	34.37 1.15 -0.34	33.16 1.26 -0.27	27.63 1.06 0.00	34.74 1.30 0.00	32.33 1.15 0.00	33.02 0.96 0.00	30.65 0.83 -0.12

HDSNBRDG_115KV_BRDG_TB1 355580	29.42 -0.30 0.00	25.67 -0.34 0.00	26.06 -0.34 -0.06	24.98 -0.51 0.00	23.55 -0.41 0.00	23.89 -0.46 0.00	22.10 -0.43 0.00	23.01 -0.45 0.00	25.34 -0.49 0.00	25.57 -0.41 -0.05	27.31 -0.44 -0.06	28.77 -0.38 -0.03	32.20 -0.32 -0.47	35.30 -0.35 -0.73	35.00 -0.17 -0.76	29.78 0.12 -0.85	35.39 0.17 -1.76	35.32 0.20 -2.24	34.23 0.25 -2.35	29.04 0.27 -2.21	35.35 0.27 -1.65	32.13 0.00 -0.95	32.08 -0.22 -0.24	29.72 -0.24 -0.26
HELLGATE_13_KV_LD 55870	31.56 1.84 0.00	27.75 1.74 0.00	28.72 1.63 -0.75	27.00 1.48 -0.03	25.25 1.29 0.00	25.65 1.29 0.00	23.79 1.26 0.00	24.74 1.29 0.00	27.35 1.52 0.00	28.15 1.61 -0.61	30.22 1.83 -0.69	31.32 1.83 -0.37	35.43 1.96 -1.42	38.19 2.13 -1.14	40.11 2.13 -3.57	40.89 2.02 -10.07	48.80 2.64 -12.69	54.56 2.66 -19.01	55.69 2.28 -21.79	54.47 1.75 -26.14	55.09 2.07 -19.59	43.92 1.53 -11.21	36.63 1.73 -2.84	31.88 1.81 -0.37
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	31.56 1.84 0.00	27.75 1.74 0.00	28.72 1.63 -0.75	27.00 1.48 -0.03	25.25 1.29 0.00	25.65 1.29 0.00	23.79 1.26 0.00	24.74 1.29 0.00	27.35 1.52 0.00	28.15 1.61 -0.61	30.22 1.83 -0.69	31.32 1.83 -0.37	35.43 1.96 -1.42	38.19 2.13 -1.14	40.11 2.13 -3.57	40.89 2.02 -10.07	48.80 2.64 -12.69	54.56 2.66 -19.01	55.69 2.28 -21.79	54.47 1.75 -26.14	55.09 2.07 -19.59	43.92 1.53 -11.21	36.63 1.73 -2.84	31.88 1.81 -0.37
HEMPSTEAD____ 23647	37.03 1.99 -5.33	33.95 1.90 -6.05	29.16 1.82 -1.01	27.32 1.78 -0.05	25.58 1.56 -0.06	26.02 1.66 -0.01	24.16 1.62 -0.01	25.15 1.69 -0.01	28.21 1.86 -0.52	33.08 1.92 -5.23	40.19 2.05 -10.44	40.55 2.10 -9.33	41.60 2.24 -7.30	42.94 2.41 -5.61	43.21 2.44 -6.35	43.87 2.31 -12.76	53.30 2.88 -16.95	55.09 2.99 -19.22	56.01 2.59 -21.80	54.63 1.91 -26.15	54.99 1.97 -19.59	44.11 1.71 -11.21	40.77 2.12 -6.60	37.89 2.14 -6.05
HEWLETT__69_KV_BK3 55828	37.45 2.41 -5.33	34.24 2.18 -6.05	29.51 2.16 -1.01	27.60 2.06 -0.05	25.82 1.80 -0.06	26.28 1.92 0.00	24.40 1.87 0.00	25.40 1.95 0.00	28.44 2.09 -0.52	33.37 2.20 -5.23	40.30 2.16 -10.44	40.62 2.21 -9.30	41.69 2.37 -7.26	43.14 2.62 -5.60	43.45 2.68 -6.35	44.02 2.48 -12.73	53.46 3.05 -16.95	55.20 3.19 -19.13	56.11 2.69 -21.80	54.69 1.97 -26.15	55.13 2.11 -19.59	44.23 1.84 -11.21	41.13 2.47 -6.60	38.12 2.38 -6.05
HICKLING___1 23621	30.54 0.83 0.00	26.45 0.44 0.00	27.09 0.55 -0.20	25.54 0.05 -0.01	24.08 0.12 0.00	24.38 0.02 0.00	22.58 0.05 0.00	23.43 -0.02 0.00	25.80 -0.03 0.00	26.17 0.08 -0.16	28.05 0.17 -0.18	29.50 0.29 -0.10	33.05 0.42 -0.58	36.08 0.49 -0.67	36.45 0.83 -1.21	32.78 1.30 -2.67	38.84 1.61 -3.77	39.96 1.68 -5.41	39.62 1.93 -6.07	35.22 1.73 -6.92	40.42 1.81 -5.18	35.21 1.06 -2.97	33.55 0.74 -0.75	30.70 0.77 -0.23
HICKLING___2 23622	30.54 0.83 0.00	26.45 0.44 0.00	27.09 0.55 -0.20	25.54 0.05 -0.01	24.08 0.12 0.00	24.38 0.02 0.00	22.58 0.05 0.00	23.43 -0.02 0.00	25.80 -0.03 0.00	26.17 0.08 -0.16	28.05 0.17 -0.18	29.50 0.29 -0.10	33.05 0.42 -0.58	36.08 0.49 -0.67	36.45 0.83 -1.21	32.78 1.30 -2.67	38.84 1.61 -3.77	39.96 1.68 -5.41	39.62 1.93 -6.07	35.22 1.73 -6.92	40.42 1.81 -5.18	35.21 1.06 -2.97	33.55 0.74 -0.75	30.70 0.77 -0.23
HIGH FALLS___HY 23754	31.44 1.72 0.00	27.57 1.56 0.00	28.60 1.45 -0.82	26.82 1.30 -0.04	25.08 1.13 0.00	25.48 1.12 0.00	23.63 1.10 0.00	24.55 1.10 0.00	26.57 1.29 0.55	27.14 1.30 0.08	29.84 1.47 -0.67	30.81 1.46 -0.24	34.59 1.60 -0.93	37.11 1.82 -0.38	38.91 1.86 -2.64	40.07 1.84 -9.42	47.80 2.44 -11.89	56.06 2.60 -20.58	57.59 2.37 -23.59	56.76 1.89 -28.30	56.97 2.34 -21.20	45.06 1.75 -12.14	36.90 1.76 -3.07	31.76 1.66 -0.40
HILLBURN___GT 23639	31.17 1.46 0.00	27.41 1.40 0.00	28.37 1.32 -0.72	26.76 1.25 -0.03	25.06 1.10 0.00	25.48 1.12 0.00	23.63 1.10 0.00	24.60 1.15 0.00	27.17 1.34 0.00	27.94 1.43 -0.58	29.96 1.61 -0.66	31.09 1.63 -0.35	35.14 1.73 -1.35	37.89 1.88 -1.09	39.70 1.89 -3.40	40.21 1.82 -9.58	47.83 2.28 -12.08	53.28 2.30 -18.10	54.37 1.99 -20.75	53.03 1.57 -24.89	53.95 1.87 -18.65	43.29 1.44 -10.67	36.30 1.54 -2.70	31.59 1.54 -0.35
HILLSIDE_115KV_TB1 80332	29.92 0.21 0.00	25.95 -0.05 0.00	26.57 0.03 -0.21	25.11 -0.38 -0.01	23.65 -0.31 0.00	23.97 -0.39 0.00	22.19 -0.34 0.00	23.08 -0.38 0.00	25.39 -0.44 0.00	25.76 -0.34 -0.17	27.58 -0.30 -0.19	28.98 -0.23 -0.10	32.43 -0.22 -0.60	35.37 -0.24 -0.70	35.74 0.07 -1.26	32.18 0.61 -2.77	38.14 0.77 -3.91	39.31 0.82 -5.61	38.99 1.08 -6.30	34.71 0.96 -7.18	39.75 0.94 -5.38	34.54 0.28 -3.08	32.90 0.06 -0.78	30.08 0.15 -0.24
HISHELDN_WT_PWR 323625	30.01 0.30 0.00	25.80 -0.21 0.00	25.60 -0.87 -0.14	24.85 -0.64 -0.01	23.43 -0.53 0.00	23.65 -0.71 0.00	21.92 -0.61 0.00	22.72 -0.73 0.00	25.05 -0.77 0.00	25.47 -0.57 -0.11	27.19 -0.64 -0.13	28.60 -0.58 -0.07	31.58 -0.74 -0.26	34.33 -0.80 -0.21	34.76 -0.31 -0.65	31.27 0.61 -1.85	36.53 0.74 -2.33	37.12 0.76 -3.49	36.79 1.17 -4.00	32.48 1.12 -4.79	37.99 0.97 -3.59	33.24 0.00 -2.06	32.32 -0.26 -0.52	29.74 -0.03 -0.07
HOLTSVILLE_IC_1 23690	37.83 2.79 -5.33	34.65 2.60 -6.05	29.85 2.50 -1.01	27.98 2.45 -0.05	26.18 2.16 -0.06	26.63 2.27 -0.01	24.68 2.14 -0.01	25.73 2.27 -0.01	28.85 2.50 -0.52	33.76 2.59 -5.23	41.00 2.85 -10.45	45.63 2.85 -13.66	46.52 2.95 -11.52	44.47 3.07 -6.47	43.80 3.03 -6.35	46.78 2.77 -15.20	53.86 3.45 -16.95	65.22 3.55 -28.79	56.58 3.16 -21.80	55.03 2.31 -26.15	55.33 2.31 -19.59	44.58 2.18 -11.21	41.61 2.95 -6.60	38.63 2.88 -6.05
HOLTSVILLE_IC_10 23699	38.04 3.00 -5.33	34.84 2.78 -6.05	30.01 2.66 -1.01	28.14 2.60 -0.05	26.32 2.30 -0.06	26.78 2.41 -0.01	24.81 2.27 -0.01	25.85 2.39 -0.01	29.01 2.66 -0.52	33.94 2.78 -5.23	41.23 3.07 -10.45	46.15 3.08 -13.96	47.10 3.24 -11.81	44.84 3.39 -6.53	44.14 3.37 -6.35	47.23 3.05 -15.37	54.23 3.81 -16.95	66.20 3.88 -29.44	56.90 3.48 -21.80	55.30 2.58 -26.15	55.66 2.64 -19.59	44.86 2.46 -11.21	41.86 3.21 -6.60	38.87 3.12 -6.05
HOLTSVILLE_IC_2 23691	37.83 2.79 -5.33	34.65 2.60 -6.05	29.85 2.50 -1.01	27.98 2.45 -0.05	26.18 2.16 -0.06	26.63 2.27 -0.01	24.68 2.14 -0.01	25.73 2.27 -0.01	28.85 2.50 -0.52	33.76 2.59 -5.23	41.00 2.85 -10.45	45.63 2.85 -13.66	46.52 2.95 -11.52	44.47 3.07 -6.47	43.80 3.03 -6.35	46.78 2.77 -15.20	53.86 3.45 -16.95	65.22 3.55 -28.79	56.58 3.16 -21.80	55.03 2.31 -26.15	55.33 2.31 -19.59	44.58 2.18 -11.21	41.61 2.95 -6.60	38.63 2.88 -6.05
HOLTSVILLE_IC_3 23692	37.83 2.79 -5.33	34.65 2.60 -6.05	29.85 2.50 -1.01	27.98 2.45 -0.05	26.18 2.16 -0.06	26.63 2.27 -0.01	24.68 2.14 -0.01	25.73 2.27 -0.01	28.85 2.50 -0.52	33.76 2.59 -5.23	41.00 2.85 -10.45	45.63 2.85 -13.66	46.52 2.95 -11.52	44.47 3.07 -6.47	43.80 3.03 -6.35	46.78 2.77 -15.20	53.86 3.45 -16.95	65.22 3.55 -28.79	56.58 3.16 -21.80	55.03 2.31 -26.15	55.33 2.31 -19.59	44.58 2.18 -11.21	41.61 2.95 -6.60	38.63 2.88 -6.05

HOLTSVILLE_IC_4 23693	37.83 2.79 -5.33	34.65 2.60 -6.05	29.85 2.50 -1.01	27.98 2.45 -0.05	26.18 2.16 -0.06	26.63 2.27 -0.01	24.68 2.14 -0.01	25.73 2.27 -0.01	28.85 2.50 -0.52	33.76 2.59 -5.23	41.00 2.85 -10.45	45.63 2.85 -13.66	46.52 2.95 -11.52	44.47 3.07 -6.47	43.80 3.03 -6.35	46.78 2.77 -15.20	53.86 3.45 -16.95	65.22 3.55 -28.79	56.58 3.16 -21.80	55.03 2.31 -26.15	55.33 2.31 -19.59	44.58 2.18 -11.21	41.61 2.95 -6.60	38.63 2.88 -6.05
HOLTSVILLE_IC_5 23694	37.83 2.79 -5.33	34.65 2.60 -6.05	29.85 2.50 -1.01	27.98 2.45 -0.05	26.18 2.16 -0.06	26.63 2.27 -0.01	24.68 2.14 -0.01	25.73 2.27 -0.01	28.85 2.50 -0.52	33.76 2.59 -5.23	41.00 2.85 -10.45	45.63 2.85 -13.66	46.52 2.95 -11.52	44.47 3.07 -6.47	43.80 3.03 -6.35	46.78 2.77 -15.20	53.86 3.45 -16.95	65.22 3.55 -28.79	56.58 3.16 -21.80	55.03 2.31 -26.15	55.33 2.31 -19.59	44.58 2.18 -11.21	41.61 2.95 -6.60	38.63 2.88 -6.05
HOLTSVILLE_IC_6 23695	38.04 3.00 -5.33	34.84 2.78 -6.05	30.01 2.66 -1.01	28.14 2.60 -0.05	26.32 2.30 -0.06	26.78 2.41 -0.01	24.81 2.27 -0.01	25.85 2.39 -0.01	29.01 2.66 -0.52	33.94 2.78 -5.23	41.23 3.07 -10.45	46.15 3.08 -13.96	47.10 3.24 -11.81	44.84 3.39 -6.53	44.14 3.37 -6.35	47.23 3.05 -15.37	54.23 3.81 -16.95	66.20 3.88 -29.44	56.90 3.48 -21.80	55.30 2.58 -26.15	55.66 2.64 -19.59	44.86 2.46 -11.21	41.86 3.21 -6.60	38.87 3.12 -6.05
HOLTSVILLE_IC_7 23696	38.04 3.00 -5.33	34.84 2.78 -6.05	30.01 2.66 -1.01	28.14 2.60 -0.05	26.32 2.30 -0.06	26.78 2.41 -0.01	24.81 2.27 -0.01	25.85 2.39 -0.01	29.01 2.66 -0.52	33.94 2.78 -5.23	41.23 3.07 -10.45	46.15 3.08 -13.96	47.10 3.24 -11.81	44.84 3.39 -6.53	44.14 3.37 -6.35	47.23 3.05 -15.37	54.23 3.81 -16.95	66.20 3.88 -29.44	56.90 3.48 -21.80	55.30 2.58 -26.15	55.66 2.64 -19.59	44.86 2.46 -11.21	41.86 3.21 -6.60	38.87 3.12 -6.05
HOLTSVILLE_IC_8 23697	38.04 3.00 -5.33	34.84 2.78 -6.05	30.01 2.66 -1.01	28.14 2.60 -0.05	26.32 2.30 -0.06	26.78 2.41 -0.01	24.81 2.27 -0.01	25.85 2.39 -0.01	29.01 2.66 -0.52	33.94 2.78 -5.23	41.23 3.07 -10.45	46.15 3.08 -13.96	47.10 3.24 -11.81	44.84 3.39 -6.53	44.14 3.37 -6.35	47.23 3.05 -15.37	54.23 3.81 -16.95	66.20 3.88 -29.44	56.90 3.48 -21.80	55.30 2.58 -26.15	55.66 2.64 -19.59	44.86 2.46 -11.21	41.86 3.21 -6.60	38.87 3.12 -6.05
HOLTSVILLE_IC_9 23698	38.04 3.00 -5.33	34.84 2.78 -6.05	30.01 2.66 -1.01	28.14 2.60 -0.05	26.32 2.30 -0.06	26.78 2.41 -0.01	24.81 2.27 -0.01	25.85 2.39 -0.01	29.01 2.66 -0.52	33.94 2.78 -5.23	41.23 3.07 -10.45	46.15 3.08 -13.96	47.10 3.24 -11.81	44.84 3.39 -6.53	44.14 3.37 -6.35	47.23 3.05 -15.37	54.23 3.81 -16.95	66.20 3.88 -29.44	56.90 3.48 -21.80	55.30 2.58 -26.15	55.66 2.64 -19.59	44.86 2.46 -11.21	41.86 3.21 -6.60	38.87 3.12 -6.05
HOMER_HL_115KV_TB2 355744	29.92 0.21 0.00	25.80 -0.21 0.00	26.40 -0.08 -0.15	24.80 -0.69 -0.01	23.38 -0.57 0.00	23.63 -0.73 0.00	21.94 -0.59 0.00	22.79 -0.66 0.00	25.03 -0.80 0.00	25.45 -0.60 -0.12	27.20 -0.64 -0.13	28.63 -0.55 -0.07	31.66 -0.67 -0.28	34.37 -0.77 -0.22	34.83 -0.28 -0.69	31.37 0.61 -1.96	36.74 0.80 -2.47	37.39 0.82 -3.69	37.18 1.33 -4.23	32.82 1.17 -5.08	38.17 0.94 -3.80	33.42 0.06 -2.18	32.39 -0.22 -0.55	29.77 0.00 -0.07
HOWARD_WT_PWR 323690	30.81 1.10 0.00	26.58 0.57 0.00	26.55 0.05 -0.16	25.65 0.15 -0.01	24.17 0.22 0.00	24.45 0.10 0.00	22.62 0.09 0.00	23.40 -0.05 0.00	25.77 -0.05 0.00	26.14 0.08 -0.13	27.96 0.11 -0.15	29.34 0.15 -0.08	32.74 0.23 -0.46	35.71 0.28 -0.51	36.11 0.72 -0.97	32.36 1.35 -2.20	38.20 1.67 -3.06	39.10 1.81 -4.41	38.80 2.21 -4.96	34.28 2.02 -5.69	39.80 2.11 -4.27	34.84 1.21 -2.44	33.51 0.83 -0.62	30.73 0.86 -0.18
HQ_GEN_CEDARS 23644	29.71 0.00 0.00	26.19 0.18 0.00	26.49 0.16 0.00	25.82 0.33 0.00	24.34 0.38 0.00	24.75 0.39 0.00	22.85 0.32 0.00	23.83 0.38 0.00	26.16 0.34 0.00	26.19 0.26 0.00	27.92 0.22 0.00	29.29 0.17 0.00	31.99 -0.06 0.00	34.85 -0.07 0.00	34.24 -0.17 0.00	27.72 -1.09 0.00	32.13 -1.34 0.00	31.37 -1.51 0.00	30.23 -1.39 0.00	25.43 -1.14 0.00	32.13 -1.30 0.00	31.06 -0.12 0.00	31.96 -0.10 0.00	29.79 0.09 0.00
HQ_GEN_CEDARS_PROXY 323590	30.01 0.30 0.00	26.21 0.21 0.00	26.75 0.42 0.00	25.82 0.33 0.00	24.34 0.38 0.00	24.74 0.39 0.00	22.85 0.32 0.00	23.85 0.40 0.00	26.16 0.33 0.00	26.19 0.26 0.00	27.95 0.25 0.00	29.32 0.21 0.00	32.02 -0.03 0.00	34.89 -0.03 0.00	34.28 -0.14 0.00	27.74 -1.07 0.00	32.16 -1.31 0.00	31.40 -1.48 0.00	30.26 -1.36 0.00	25.46 -1.12 0.00	29.41 -1.27 0.00	33.80 -0.12 -2.75	32.00 -0.06 0.00	29.79 0.09 0.00
HQ_GEN_IMPORT 323601	29.47 -0.24 0.00	25.83 -0.18 0.00	26.28 -0.05 0.00	25.41 -0.08 0.00	23.91 -0.05 0.00	24.31 -0.05 0.00	22.49 -0.04 0.00	23.45 0.00 0.00	25.80 -0.03 0.00	25.80 -0.13 0.00	27.53 -0.17 0.00	28.91 -0.20 0.00	31.80 -0.26 0.00	34.64 -0.28 0.00	34.00 -0.41 0.00	28.18 -0.63 0.00	32.70 -0.77 0.00	32.06 -0.82 0.00	30.83 -0.79 0.00	25.93 -0.64 0.00	29.92 -0.77 2.75	33.52 -0.41 -2.75	31.77 -0.29 0.00	29.40 -0.30 0.00
HQ_GEN_WHEEL 23651	29.47 -0.24 0.00	25.83 -0.18 0.00	26.28 -0.05 0.00	25.41 -0.08 0.00	23.91 -0.05 0.00	24.31 -0.05 0.00	22.49 -0.04 0.00	23.45 0.00 0.00	25.80 -0.03 0.00	25.80 -0.13 0.00	27.53 -0.17 0.00	28.91 -0.20 0.00	31.80 -0.26 0.00	34.64 -0.28 0.00	34.00 -0.41 0.00	28.18 -0.63 0.00	32.70 -0.77 0.00	32.06 -0.82 0.00	30.83 -0.79 0.00	25.93 -0.64 0.00	29.92 -0.77 2.75	33.52 -0.41 -2.75	31.77 -0.29 0.00	29.40 -0.30 0.00
HUDSON_AVE_GT_3 23810	31.44 1.72 0.00	27.65 1.64 0.00	28.64 1.55 -0.75	26.94 1.43 -0.03	25.20 1.25 0.00	25.65 1.29 0.00	23.81 1.28 0.00	24.81 1.36 0.00	27.40 1.58 0.00	28.20 1.66 -0.61	30.22 1.83 -0.69	31.35 1.86 -0.37	35.43 1.96 -1.42	38.19 2.13 -1.14	40.15 2.17 -3.57	40.92 2.05 -10.07	48.80 2.64 -12.69	54.56 2.66 -19.01	55.69 2.28 -21.79	54.49 1.78 -26.14	55.12 2.11 -19.58	44.01 1.62 -11.21	36.63 1.73 -2.84	31.82 1.75 -0.37
HUDSON_AVE_GT_4 23540	31.44 1.72 0.00	27.65 1.64 0.00	28.64 1.55 -0.75	26.94 1.43 -0.03	25.20 1.25 0.00	25.65 1.29 0.00	23.81 1.28 0.00	24.81 1.36 0.00	27.40 1.58 0.00	28.20 1.66 -0.61	30.22 1.83 -0.69	31.35 1.86 -0.37	35.43 1.96 -1.42	38.19 2.13 -1.14	40.15 2.17 -3.57	40.92 2.05 -10.07	48.80 2.64 -12.69	54.56 2.66 -19.01	55.69 2.28 -21.79	54.49 1.78 -26.14	55.12 2.11 -19.58	44.01 1.62 -11.21	36.63 1.73 -2.84	31.82 1.75 -0.37
HUDSON_AVE_GT_5 23657	31.44 1.72 0.00	27.65 1.64 0.00	28.64 1.55 -0.75	26.94 1.43 -0.03	25.20 1.25 0.00	25.65 1.29 0.00	23.81 1.28 0.00	24.81 1.36 0.00	27.40 1.58 0.00	28.20 1.66 -0.61	30.22 1.83 -0.69	31.35 1.86 -0.37	35.43 1.96 -1.42	38.19 2.13 -1.14	40.15 2.17 -3.57	40.92 2.05 -10.07	48.80 2.64 -12.69	54.56 2.66 -19.01	55.69 2.28 -21.79	54.49 1.78 -26.14	55.12 2.11 -19.58	44.01 1.62 -11.21	36.63 1.73 -2.84	31.82 1.75 -0.37

HUDSON_AVE_10 24168	31.35 1.63 0.00	27.59 1.59 0.00	28.59 1.50 -0.75	26.89 1.38 -0.03	25.16 1.20 0.00	25.60 1.24 0.00	23.79 1.26 0.00	24.79 1.34 0.00	27.38 1.55 0.00	28.18 1.63 -0.61	30.16 1.77 -0.69	31.26 1.78 -0.37	35.33 1.86 -1.42	38.09 2.03 -1.14	40.05 2.06 -3.57	40.84 1.96 -10.07	48.70 2.54 -12.69	54.46 2.56 -19.01	55.60 2.18 -21.79	54.41 1.70 -26.14	55.06 2.04 -19.58	43.92 1.53 -11.21	36.57 1.67 -2.84	31.76 1.69 -0.37
HUDSON___115KV_TB 4 355613	31.41 1.69 0.00	27.51 1.51 0.00	29.21 1.53 -1.35	27.02 1.48 -0.06	25.32 1.37 0.00	25.74 1.39 0.00	23.81 1.28 0.00	24.74 1.29 0.00	23.58 1.50 3.74	23.44 1.56 4.04	30.03 1.63 -0.70	30.43 1.75 0.43	32.44 1.99 1.61	33.20 2.13 3.85	34.58 2.17 2.00	38.46 1.79 -7.86	45.65 2.18 -10.01	68.80 1.94 -33.98	72.44 1.87 -38.95	74.83 1.54 -46.72	70.37 1.94 -35.00	52.90 1.68 -20.03	38.80 1.67 -5.07	31.87 1.51 -0.66
HUNTER MOUNT___DRP 323613	31.67 1.96 0.00	27.72 1.72 0.00	29.22 1.66 -1.23	27.17 1.63 -0.05	25.51 1.56 0.00	25.92 1.56 0.00	23.99 1.46 0.00	24.90 1.45 0.00	24.67 1.76 2.91	24.77 1.84 3.00	30.35 1.94 -0.71	30.91 2.04 0.24	33.52 2.37 0.91	34.78 2.58 2.72	36.30 2.58 0.69	39.56 2.19 -8.56	46.97 2.64 -10.86	66.19 2.27 -31.04	69.39 2.18 -35.58	71.11 1.86 -42.68	67.75 2.34 -31.98	51.51 2.03 -18.30	38.65 1.96 -4.63	32.03 1.72 -0.61
HUNTINGTON_RES_REC 323705	37.72 2.68 -5.33	34.53 2.47 -6.05	29.69 2.34 -1.01	27.83 2.29 -0.05	26.03 2.01 -0.06	26.51 2.14 -0.01	24.59 2.05 -0.01	25.61 2.16 -0.01	28.72 2.37 -0.52	33.65 2.49 -5.23	40.90 2.77 -10.43	52.27 2.85 -20.30	53.07 3.01 -18.00	45.98 3.25 -7.81	44.00 3.23 -6.36	50.74 2.97 -18.97	54.10 3.68 -16.95	80.09 3.75 -43.46	56.74 3.32 -21.80	55.19 2.47 -26.15	55.53 2.51 -19.59	44.67 2.27 -11.21	41.54 2.89 -6.60	38.57 2.82 -6.05
HUNTLEY___63 23557	29.89 0.18 0.00	25.75 -0.26 0.00	26.45 0.00 -0.12	24.70 -0.79 -0.01	23.24 -0.72 0.00	23.43 -0.93 0.00	21.74 -0.79 0.00	22.63 -0.82 0.00	24.79 -1.03 0.00	25.25 -0.78 -0.10	26.98 -0.83 -0.11	28.44 -0.73 -0.06	31.38 -0.90 -0.23	34.05 -1.05 -0.18	34.50 -0.48 -0.56	30.98 0.58 -1.59	36.18 0.70 -2.01	36.54 0.66 -3.01	36.24 1.17 -3.45	31.79 1.09 -4.13	37.33 0.80 -3.10	32.77 -0.19 -1.77	32.12 -0.38 -0.45	29.70 -0.06 -0.06
HUNTLEY___64 23558	29.89 0.18 0.00	25.75 -0.26 0.00	26.45 0.00 -0.12	24.70 -0.79 -0.01	23.24 -0.72 0.00	23.43 -0.93 0.00	21.74 -0.79 0.00	22.63 -0.82 0.00	24.79 -1.03 0.00	25.25 -0.78 -0.10	26.98 -0.83 -0.11	28.44 -0.73 -0.06	31.38 -0.90 -0.23	34.05 -1.05 -0.18	34.50 -0.48 -0.56	30.98 0.58 -1.59	36.18 0.70 -2.01	36.54 0.66 -3.01	36.24 1.17 -3.45	31.79 1.09 -4.13	37.33 0.80 -3.10	32.77 -0.19 -1.77	32.12 -0.38 -0.45	29.70 -0.06 -0.06
HUNTLEY___65 23559	29.89 0.18 0.00	25.75 -0.26 0.00	26.45 0.00 -0.12	24.70 -0.79 -0.01	23.24 -0.72 0.00	23.43 -0.93 0.00	21.74 -0.79 0.00	22.63 -0.82 0.00	24.79 -1.03 0.00	25.25 -0.78 -0.10	26.98 -0.83 -0.11	28.44 -0.73 -0.06	31.38 -0.90 -0.23	34.05 -1.05 -0.18	34.50 -0.48 -0.56	30.98 0.58 -1.59	36.18 0.70 -2.01	36.54 0.66 -3.01	36.24 1.17 -3.45	31.79 1.09 -4.13	37.33 0.80 -3.10	32.77 -0.19 -1.77	32.12 -0.38 -0.45	29.70 -0.06 -0.06
HUNTLEY___66 23560	29.89 0.18 0.00	25.75 -0.26 0.00	26.45 0.00 -0.12	24.70 -0.79 -0.01	23.24 -0.72 0.00	23.43 -0.93 0.00	21.74 -0.79 0.00	22.63 -0.82 0.00	24.79 -1.03 0.00	25.25 -0.78 -0.10	26.98 -0.83 -0.11	28.44 -0.73 -0.06	31.38 -0.90 -0.23	34.05 -1.05 -0.18	34.50 -0.48 -0.56	30.98 0.58 -1.59	36.18 0.70 -2.01	36.54 0.66 -3.01	36.24 1.17 -3.45	31.79 1.09 -4.13	37.33 0.80 -3.10	32.77 -0.19 -1.77	32.12 -0.38 -0.45	29.70 -0.06 -0.06
HUNTLEY___67 23561	29.71 0.00 0.00	25.56 -0.44 0.00	26.25 -0.21 -0.12	24.52 -0.97 -0.01	23.12 -0.84 0.00	23.31 -1.05 0.00	21.65 -0.88 0.00	22.56 -0.89 0.00	24.74 -1.08 0.00	25.17 -0.86 -0.10	26.90 -0.91 -0.11	28.33 -0.84 -0.06	31.26 -1.03 -0.23	33.92 -1.19 -0.18	34.30 -0.69 -0.58	30.82 0.37 -1.63	35.99 0.47 -2.06	36.39 0.43 -3.08	36.07 0.92 -3.53	31.68 0.88 -4.23	37.24 0.64 -3.17	32.62 -0.37 -1.81	31.94 -0.58 -0.46	29.49 -0.27 -0.06
HUNTLEY___68 23562	29.71 0.00 0.00	25.56 -0.44 0.00	26.25 -0.21 -0.12	24.52 -0.97 -0.01	23.12 -0.84 0.00	23.31 -1.05 0.00	21.65 -0.88 0.00	22.56 -0.89 0.00	24.74 -1.08 0.00	25.17 -0.86 -0.10	26.90 -0.91 -0.11	28.33 -0.84 -0.06	31.26 -1.03 -0.23	33.92 -1.19 -0.18	34.30 -0.69 -0.58	30.82 0.37 -1.63	35.99 0.47 -2.06	36.39 0.43 -3.08	36.07 0.92 -3.53	31.68 0.88 -4.23	37.24 0.64 -3.17	32.62 -0.37 -1.81	31.94 -0.58 -0.46	29.49 -0.27 -0.06
HYLAND___LFGE 323620	31.44 1.72 0.00	27.10 1.09 0.00	26.99 0.53 -0.13	26.10 0.61 -0.01	24.56 0.60 0.00	24.77 0.41 0.00	22.69 0.16 0.00	23.00 -0.45 0.00	24.77 -1.06 0.00	24.72 -1.32 -0.11	26.08 -1.74 -0.12	26.53 -2.65 -0.07	29.52 -2.79 -0.25	32.22 -2.90 -0.20	32.60 -2.44 -0.63	29.18 -1.41 -1.78	34.53 -1.17 -2.24	35.90 -0.33 -3.35	36.32 0.85 -3.84	32.83 1.65 -4.61	39.12 2.24 -3.45	34.56 1.40 -1.98	33.49 0.93 -0.50	30.53 0.77 -0.07
INDECK___CORINTH 23802	32.33 2.62 0.00	28.30 2.29 0.00	30.67 2.13 -2.21	27.64 2.06 -0.09	25.80 1.84 0.00	26.26 1.90 0.00	24.35 1.82 0.00	25.26 1.81 0.00	31.33 2.14 -3.37	34.68 2.28 -6.47	32.59 2.33 -2.56	33.70 2.50 -2.09	42.81 2.76 -8.00	46.64 3.00 -8.72	55.44 2.79 -18.24	70.57 2.42 -39.34	85.93 2.95 -49.52	91.32 2.76 -55.68	98.51 3.07 -63.82	105.99 2.87 -76.55	94.33 3.54 -57.35	67.22 3.21 -32.83	43.55 3.17 -8.31	33.64 2.85 -1.09
INDECK___ILION 23567	29.95 0.24 0.00	26.19 0.18 0.00	26.52 0.18 0.00	25.64 0.15 0.00	24.10 0.14 0.00	24.48 0.12 0.00	22.64 0.11 0.00	23.52 0.07 0.00	25.93 0.10 0.00	26.06 0.13 0.00	27.89 0.19 0.00	29.32 0.20 0.00	32.34 0.29 0.00	35.23 0.31 0.00	34.79 0.38 0.00	29.18 0.37 0.00	33.90 0.44 0.00	33.34 0.46 0.00	32.06 0.44 0.00	26.92 0.35 0.00	33.87 0.43 0.00	31.46 0.28 0.00	32.25 0.19 0.00	29.87 0.18 0.00
INDECK___OLEAN 23982	29.89 0.18 0.00	25.72 -0.29 0.00	25.61 -0.87 -0.15	24.80 -0.69 -0.01	23.38 -0.58 0.00	23.63 -0.73 0.00	21.94 -0.59 0.00	22.70 -0.75 0.00	25.03 -0.80 0.00	25.43 -0.62 -0.12	27.17 -0.67 -0.13	28.57 -0.61 -0.07	31.56 -0.77 -0.28	34.30 -0.84 -0.22	34.76 -0.34 -0.69	31.31 0.55 -1.96	36.67 0.74 -2.47	37.29 0.72 -3.69	37.05 1.20 -4.23	32.74 1.09 -5.08	38.10 0.87 -3.80	33.33 -0.03 -2.18	32.32 -0.29 -0.55	29.74 -0.03 -0.07
INDECK___OSWEGO 23783	29.12 -0.59 0.00	25.41 -0.60 0.00	25.60 -0.74 0.00	24.80 -0.69 0.00	23.33 -0.62 0.00	23.70 -0.66 0.00	21.90 -0.63 0.00	22.75 -0.70 0.00	25.08 -0.75 0.00	25.25 -0.67 0.00	26.98 -0.72 0.00	28.41 -0.70 0.00	32.87 -0.71 -1.52	36.92 -0.77 -2.77	35.79 -0.62 -2.00	28.52 -0.29 0.00	36.19 -0.30 -3.03	35.42 -0.26 -2.80	33.73 -0.16 -2.26	26.47 -0.11 0.00	33.23 -0.20 0.00	30.81 -0.37 0.00	31.52 -0.55 0.00	30.15 -0.53 -0.99

INDECK___YERKES 23781	29.92 0.21 0.00	25.67 -0.34 0.00	25.40 -1.05 -0.12	24.73 -0.76 -0.01	23.26 -0.70 0.00	23.46 -0.90 0.00	21.74 -0.79 0.00	22.51 -0.94 0.00	24.82 -1.01 0.00	25.27 -0.75 -0.10	26.98 -0.83 -0.11	28.42 -0.76 -0.06	31.32 -0.96 -0.23	34.02 -1.08 -0.18	34.50 -0.48 -0.56	30.95 0.55 -1.59	36.11 0.63 -2.01	36.48 0.59 -3.01	36.14 1.08 -3.45	31.74 1.04 -4.13	37.33 0.80 -3.10	32.70 -0.25 -1.77	32.09 -0.42 -0.45	29.70 -0.06 -0.06
INDIAN POINT_GT_1 24139	31.26 1.55 0.00	27.46 1.46 0.00	28.48 1.40 -0.75	26.79 1.27 -0.03	25.06 1.10 0.00	25.48 1.12 0.00	23.66 1.13 0.00	24.62 1.17 0.00	27.19 1.37 0.00	27.96 1.43 -0.61	30.02 1.63 -0.69	31.11 1.63 -0.37	35.19 1.73 -1.41	37.97 1.92 -1.13	39.87 1.93 -3.53	40.62 1.84 -9.96	48.30 2.28 -12.56	54.03 2.33 -18.82	55.19 1.99 -21.57	54.01 1.57 -25.87	54.69 1.87 -19.39	43.71 1.43 -11.10	36.41 1.54 -2.81	31.61 1.54 -0.37
INDIAN POINT_GT_2 23659	31.26 1.55 0.00	27.46 1.46 0.00	28.48 1.40 -0.75	26.79 1.27 -0.03	25.06 1.10 0.00	25.48 1.12 0.00	23.66 1.13 0.00	24.62 1.17 0.00	27.19 1.37 0.00	27.96 1.43 -0.61	30.02 1.63 -0.69	31.11 1.63 -0.37	35.19 1.73 -1.41	37.97 1.92 -1.13	39.87 1.93 -3.53	40.62 1.84 -9.96	48.30 2.28 -12.56	54.03 2.33 -18.82	55.19 1.99 -21.57	54.01 1.57 -25.87	54.69 1.87 -19.39	43.71 1.43 -11.10	36.41 1.54 -2.81	31.61 1.54 -0.37
INDIAN POINT_GT_3 24019	31.26 1.55 0.00	27.46 1.46 0.00	28.48 1.40 -0.75	26.79 1.27 -0.03	25.06 1.10 0.00	25.48 1.12 0.00	23.66 1.13 0.00	24.62 1.17 0.00	27.19 1.37 0.00	27.96 1.43 -0.61	30.02 1.63 -0.69	31.11 1.63 -0.37	35.19 1.73 -1.41	37.97 1.92 -1.13	39.87 1.93 -3.53	40.62 1.84 -9.96	48.30 2.28 -12.56	54.03 2.33 -18.82	55.19 1.99 -21.57	54.01 1.57 -25.87	54.69 1.87 -19.39	43.71 1.43 -11.10	36.41 1.54 -2.81	31.61 1.54 -0.37
INDIAN POINT___2 23530	31.14 1.43 0.00	27.38 1.38 0.00	28.36 1.29 -0.74	26.76 1.25 -0.03	25.04 1.08 0.00	25.45 1.10 0.00	23.63 1.10 0.00	24.60 1.15 0.00	27.14 1.32 0.00	27.93 1.40 -0.60	29.93 1.55 -0.68	31.07 1.60 -0.36	35.11 1.67 -1.39	37.85 1.81 -1.11	39.75 1.86 -3.48	40.40 1.76 -9.83	48.07 2.21 -12.39	53.68 2.24 -18.56	54.83 1.93 -21.28	53.61 1.51 -25.52	54.36 1.80 -19.12	43.50 1.37 -10.95	36.31 1.48 -2.77	31.57 1.51 -0.36
INDIAN POINT___3 23531	31.23 1.52 0.00	27.44 1.43 0.00	28.45 1.37 -0.75	26.77 1.25 -0.03	25.06 1.10 0.00	25.48 1.12 0.00	23.63 1.10 0.00	24.60 1.15 0.00	27.17 1.34 0.00	27.96 1.43 -0.61	29.99 1.61 -0.69	31.08 1.60 -0.37	35.16 1.70 -1.41	37.90 1.85 -1.13	39.80 1.86 -3.53	40.57 1.79 -9.97	48.24 2.21 -12.57	53.98 2.27 -18.83	55.13 1.93 -21.58	53.97 1.51 -25.89	54.63 1.81 -19.40	43.69 1.40 -11.10	36.38 1.51 -2.81	31.58 1.51 -0.37
INGHAM_C_115KV_TB7 356103	29.98 0.27 0.00	26.21 0.21 0.00	26.55 0.21 0.00	25.64 0.15 0.00	24.12 0.17 0.00	24.53 0.17 0.00	22.67 0.14 0.00	23.52 0.07 0.00	25.93 0.10 0.00	26.06 0.13 0.00	27.89 0.19 0.00	29.35 0.23 0.00	32.41 0.35 0.00	35.27 0.35 0.00	34.83 0.41 0.00	29.21 0.40 0.00	33.93 0.47 0.00	33.37 0.49 0.00	32.13 0.51 0.00	26.94 0.37 0.00	33.87 0.43 0.00	31.43 0.25 0.00	32.22 0.16 0.00	29.79 0.09 0.00
IP CORINTH___1 23988	32.36 2.64 0.00	28.32 2.31 0.00	30.78 2.24 -2.21	27.64 2.06 -0.09	25.80 1.84 0.00	26.26 1.90 0.00	24.36 1.82 0.00	25.26 1.81 0.00	31.34 2.14 -3.37	34.68 2.28 -6.47	32.59 2.33 -2.56	33.70 2.50 -2.09	42.81 2.76 -8.00	46.64 3.00 -8.72	55.44 2.79 -18.24	70.60 2.45 -39.34	85.93 2.95 -49.52	91.32 2.76 -55.68	98.51 3.07 -63.82	106.02 2.90 -76.55	94.36 3.58 -57.35	67.25 3.24 -32.83	43.55 3.17 -8.31	33.63 2.85 -1.09
IP___TICONDEROGA 23804	34.17 4.46 0.00	29.80 3.80 0.00	32.22 3.69 -2.19	28.97 3.39 -0.09	27.02 3.07 0.00	27.47 3.12 0.00	25.55 3.02 0.00	26.45 3.00 0.00	33.10 3.56 -3.71	36.70 3.84 -6.93	34.40 4.10 -2.60	35.75 4.45 -2.18	45.16 4.74 -8.36	49.34 5.17 -9.25	58.47 5.09 -18.96	73.32 4.38 -40.14	89.36 5.39 -50.51	93.26 5.03 -55.35	100.42 5.34 -63.45	107.46 4.78 -76.10	96.47 6.02 -57.02	69.34 5.52 -32.64	45.74 5.42 -8.26	35.59 4.81 -1.08
ISLIP_RES_REC 323679	38.22 3.18 -5.33	34.97 2.91 -6.05	30.14 2.79 -1.01	28.24 2.70 -0.05	26.42 2.40 -0.06	26.87 2.51 -0.01	24.90 2.37 -0.01	25.94 2.48 -0.01	29.14 2.79 -0.52	34.07 2.90 -5.23	41.36 3.21 -10.45	45.92 3.26 -13.55	46.90 3.43 -11.41	45.00 3.63 -6.45	44.38 3.61 -6.35	47.23 3.28 -15.14	54.50 4.08 -16.95	65.60 4.18 -28.54	57.18 3.76 -21.80	55.53 2.82 -26.15	55.90 2.88 -19.59	45.08 2.68 -11.21	42.09 3.43 -6.60	39.02 3.27 -6.05
JAMAICA__27_KV_LOAD 355505	31.47 1.75 0.00	27.72 1.72 0.00	28.72 1.63 -0.75	27.02 1.50 -0.03	25.25 1.29 0.00	25.77 1.41 0.00	23.97 1.44 0.00	25.00 1.55 0.00	27.63 1.81 0.00	28.44 1.89 -0.61	30.28 1.88 -0.69	31.35 1.86 -0.37	35.46 1.99 -1.42	38.26 2.20 -1.14	40.22 2.24 -3.57	41.01 2.13 -10.07	48.97 2.81 -12.69	54.72 2.83 -19.01	55.82 2.40 -21.79	54.60 1.89 -26.14	55.29 2.27 -19.58	44.04 1.65 -11.21	36.82 1.92 -2.84	31.94 1.87 -0.37
JANIS___SOLAR 323808	31.38 1.66 0.00	27.28 1.27 0.00	27.67 1.08 -0.25	26.52 1.02 -0.01	25.01 1.05 0.00	25.38 1.02 0.00	23.39 0.86 0.00	24.11 0.66 0.00	26.50 0.67 0.00	26.83 0.70 -0.20	28.70 0.77 -0.23	30.08 0.84 -0.12	33.99 1.15 -0.79	37.16 1.29 -0.95	37.53 1.51 -1.60	33.84 1.67 -3.35	40.53 2.21 -4.85	42.24 2.47 -6.89	42.11 2.78 -7.70	37.75 2.50 -8.68	42.95 3.01 -6.50	37.24 2.34 -3.72	34.93 1.92 -0.94	31.78 1.75 -0.33
JARVIS____ 23743	29.80 0.09 0.00	26.08 0.08 0.00	26.36 0.03 0.00	25.54 0.05 0.00	23.98 0.02 0.00	24.38 0.02 0.00	22.55 0.02 0.00	23.45 0.00 0.00	25.85 0.03 0.00	25.98 0.05 0.00	27.75 0.06 0.00	29.17 0.06 0.00	32.15 0.10 0.00	35.03 0.11 0.00	34.55 0.14 0.00	29.01 0.20 0.00	33.70 0.24 0.00	33.11 0.23 0.00	31.84 0.22 0.00	26.76 0.19 0.00	33.67 0.24 0.00	31.31 0.13 0.00	32.16 0.10 0.00	29.79 0.09 0.00
JENNISON___1 23625	31.64 1.93 0.00	27.57 1.56 0.00	28.28 1.58 -0.36	26.77 1.27 -0.02	25.25 1.29 0.00	25.62 1.27 0.00	23.61 1.08 0.00	24.41 0.96 0.00	26.88 1.06 0.00	27.37 1.14 -0.30	29.39 1.36 -0.33	30.78 1.48 -0.18	34.92 1.96 -0.91	38.05 2.17 -0.96	38.84 2.41 -2.02	36.04 2.36 -4.87	42.90 2.84 -6.59	45.44 2.99 -9.56	45.54 3.10 -10.82	41.81 2.66 -12.58	46.06 3.21 -9.42	39.04 2.46 -5.39	35.57 2.15 -1.37	31.95 1.93 -0.33
JENNISON___2 23626	31.64 1.93 0.00	27.57 1.56 0.00	28.28 1.58 -0.36	26.77 1.27 -0.02	25.25 1.29 0.00	25.62 1.27 0.00	23.61 1.08 0.00	24.41 0.96 0.00	26.88 1.06 0.00	27.37 1.14 -0.30	29.39 1.36 -0.33	30.78 1.48 -0.18	34.92 1.96 -0.91	38.05 2.17 -0.96	38.84 2.41 -2.02	36.04 2.36 -4.87	42.90 2.84 -6.59	45.44 2.99 -9.56	45.54 3.10 -10.82	41.81 2.66 -12.58	46.06 3.21 -9.42	39.04 2.46 -5.39	35.57 2.15 -1.37	31.95 1.93 -0.33

JERICO_RISE_WT_PWR 323719	30.40 0.68 0.00	26.50 0.49 0.00	27.02 0.68 0.00	26.02 0.54 0.00	24.56 0.60 0.00	24.99 0.63 0.00	23.12 0.58 0.00	24.15 0.70 0.00	26.52 0.70 0.00	26.55 0.62 0.00	28.34 0.64 0.00	29.73 0.61 0.00	32.63 0.58 0.00	35.58 0.66 0.00	34.96 0.55 0.00	28.87 0.06 0.00	33.47 0.00 0.00	32.62 -0.26 0.00	31.43 -0.19 0.00	26.44 -0.13 0.00	33.33 -0.10 0.00	31.43 0.25 0.00	32.25 0.19 0.00	29.76 0.06 0.00
KATONAH__115KV_46KV_TB4 355592	31.50 1.78 0.00	27.67 1.66 0.00	28.71 1.61 -0.76	27.00 1.48 -0.03	25.20 1.25 0.00	25.62 1.27 0.00	23.79 1.26 0.00	24.79 1.34 0.00	27.38 1.55 0.00	28.18 1.63 -0.62	30.31 1.91 -0.70	31.44 1.95 -0.37	35.55 2.05 -1.44	38.49 2.41 -1.16	40.40 2.37 -3.62	41.24 2.22 -10.21	49.05 2.71 -12.87	54.99 2.83 -19.28	56.06 2.34 -22.10	54.91 1.83 -26.51	55.56 2.27 -19.86	44.39 1.84 -11.37	36.73 1.80 -2.88	31.83 1.75 -0.38
KCE_NY_1 323755	31.85 2.14 0.00	27.90 1.90 0.00	30.30 1.79 -2.18	27.31 1.73 -0.09	25.51 1.56 0.00	25.96 1.61 0.00	24.06 1.53 0.00	24.95 1.50 0.00	31.79 1.76 -4.20	35.39 1.87 -7.59	32.36 2.00 -2.66	33.56 2.12 -2.32	43.27 2.34 -8.87	47.50 2.58 -10.00	56.95 2.55 -19.99	72.31 2.25 -41.26	88.02 2.64 -51.91	90.31 2.53 -54.89	97.11 2.56 -62.93	104.28 2.23 -75.48	92.75 2.77 -56.55	66.04 2.50 -32.37	42.76 2.50 -8.20	33.09 2.32 -1.07
KCE_NY_6_ESR 323823	30.07 0.36 0.00	25.80 -0.21 0.00	25.54 -0.92 -0.13	24.83 -0.66 -0.01	23.41 -0.55 0.00	23.60 -0.76 0.00	21.92 -0.61 0.00	22.70 -0.75 0.00	25.03 -0.80 0.00	25.46 -0.57 -0.10	27.18 -0.64 -0.12	28.62 -0.55 -0.06	31.56 -0.74 -0.24	34.31 -0.80 -0.19	34.75 -0.28 -0.61	31.24 0.72 -1.71	36.50 0.87 -2.16	36.97 0.85 -3.23	36.65 1.33 -3.71	32.24 1.22 -4.44	37.80 1.04 -3.33	33.09 0.00 -1.91	32.32 -0.22 -0.48	29.82 0.06 -0.06
KEDC_PORT_JEFF_GT2 24210	37.98 2.94 -5.33	34.78 2.73 -6.05	29.95 2.61 -1.01	28.08 2.55 -0.05	26.27 2.25 -0.06	26.73 2.36 -0.01	24.77 2.23 -0.01	25.83 2.37 -0.01	28.98 2.64 -0.52	33.89 2.72 -5.23	41.17 3.02 -10.46	46.69 3.06 -14.52	47.58 3.17 -12.36	44.92 3.35 -6.65	44.11 3.34 -6.35	47.52 3.02 -15.69	54.07 3.65 -16.95	67.21 3.65 -30.68	56.68 3.26 -21.80	55.19 2.47 -26.15	55.50 2.47 -19.59	44.79 2.40 -11.21	41.80 3.14 -6.60	38.81 3.06 -6.05
KEDC_PORT_JEFF_GT3 24211	37.98 2.94 -5.33	34.78 2.73 -6.05	29.95 2.61 -1.01	28.08 2.55 -0.05	26.27 2.25 -0.06	26.73 2.36 -0.01	24.77 2.23 -0.01	25.83 2.37 -0.01	28.98 2.64 -0.52	33.89 2.72 -5.23	41.17 3.02 -10.46	46.69 3.06 -14.52	47.58 3.17 -12.36	44.92 3.35 -6.65	44.11 3.34 -6.35	47.52 3.02 -15.69	54.07 3.65 -16.95	67.21 3.65 -30.68	56.68 3.26 -21.80	55.19 2.47 -26.15	55.50 2.47 -19.59	44.79 2.40 -11.21	41.80 3.14 -6.60	38.81 3.06 -6.05
KEDC_GLWD_GT4 24219	37.06 2.02 -5.33	33.95 1.90 -6.05	29.14 1.79 -1.01	27.29 1.76 -0.05	25.55 1.53 -0.06	26.00 1.63 -0.01	24.12 1.58 -0.01	25.12 1.67 -0.01	28.21 1.86 -0.52	33.11 1.95 -5.23	40.14 2.00 -10.44	40.49 2.04 -9.34	41.54 2.18 -7.30	42.90 2.38 -5.61	43.21 2.44 -6.35	43.84 2.28 -12.76	53.26 2.84 -16.95	55.00 2.89 -19.22	55.95 2.53 -21.80	54.63 1.91 -26.15	55.10 2.07 -19.59	44.11 1.71 -11.21	40.61 1.96 -6.60	37.71 1.96 -6.05
KEDC_GLWD_GT5 24220	37.06 2.02 -5.33	33.95 1.90 -6.05	29.14 1.79 -1.01	27.29 1.76 -0.05	25.55 1.53 -0.06	26.00 1.63 -0.01	24.12 1.58 -0.01	25.12 1.67 -0.01	28.21 1.86 -0.52	33.11 1.95 -5.23	40.14 2.00 -10.44	40.49 2.04 -9.34	41.54 2.18 -7.30	42.90 2.38 -5.61	43.21 2.44 -6.35	43.84 2.28 -12.76	53.26 2.84 -16.95	55.00 2.89 -19.22	55.95 2.53 -21.80	54.63 1.91 -26.15	55.10 2.07 -19.59	44.11 1.71 -11.21	40.61 1.96 -6.60	37.71 1.96 -6.05
KENSICO____ 23655	31.35 1.63 0.00	27.54 1.53 0.00	28.56 1.47 -0.75	26.87 1.35 -0.03	25.13 1.17 0.00	25.57 1.22 0.00	23.72 1.19 0.00	24.72 1.27 0.00	27.27 1.45 0.00	28.07 1.53 -0.61	30.11 1.72 -0.69	31.23 1.75 -0.37	35.33 1.86 -1.42	38.08 2.03 -1.14	40.04 2.06 -3.56	40.79 1.93 -10.05	48.54 2.41 -12.67	54.32 2.47 -18.97	55.49 2.12 -21.75	54.31 1.65 -26.09	54.95 1.97 -19.54	43.90 1.53 -11.19	36.56 1.67 -2.83	31.73 1.66 -0.37
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	31.50 1.78 0.00	27.62 1.61 0.00	28.59 1.50 -0.75	26.87 1.35 -0.03	25.13 1.17 0.00	25.53 1.17 0.00	23.68 1.15 0.00	24.60 1.15 0.00	26.81 1.32 0.33	27.41 1.32 -0.16	29.84 1.50 -0.64	30.87 1.48 -0.27	34.77 1.67 -1.05	37.39 1.85 -0.62	39.13 1.89 -2.82	39.84 1.87 -9.16	47.46 2.44 -11.55	54.47 2.60 -18.99	55.80 2.40 -21.77	54.62 1.94 -26.11	55.37 2.37 -19.56	44.22 1.84 -11.20	36.72 1.83 -2.84	31.79 1.72 -0.37
KIAC_JFK_GT1 23816	31.20 1.49 0.00	27.59 1.59 0.00	28.59 1.50 -0.75	26.87 1.35 -0.03	25.13 1.17 0.00	25.62 1.27 0.00	23.84 1.31 0.00	24.88 1.43 0.00	27.48 1.65 0.00	28.28 1.74 -0.61	30.03 1.63 -0.69	31.08 1.60 -0.37	35.14 1.67 -1.42	37.88 1.82 -1.14	39.87 1.89 -3.57	40.69 1.82 -10.07	48.60 2.44 -12.69	54.36 2.47 -19.01	55.47 2.06 -21.79	54.31 1.59 -26.14	54.89 1.87 -19.58	43.73 1.34 -11.21	36.47 1.57 -2.84	31.67 1.60 -0.37
KIAC_JFK_GT2 23817	31.20 1.49 0.00	27.59 1.59 0.00	28.59 1.50 -0.75	26.87 1.35 -0.03	25.13 1.17 0.00	25.62 1.27 0.00	23.84 1.31 0.00	24.88 1.43 0.00	27.48 1.65 0.00	28.28 1.74 -0.61	30.03 1.63 -0.69	31.08 1.60 -0.37	35.14 1.67 -1.42	37.88 1.82 -1.14	39.87 1.89 -3.57	40.69 1.82 -10.07	48.60 2.44 -12.69	54.36 2.47 -19.01	55.47 2.06 -21.79	54.31 1.59 -26.14	54.89 1.87 -19.58	43.73 1.34 -11.21	36.47 1.57 -2.84	31.67 1.60 -0.37
KIAC_JFK____ 323774	31.11 1.40 0.00	27.54 1.53 0.00	28.51 1.42 -0.75	26.87 1.35 -0.03	25.13 1.17 0.00	25.62 1.27 0.00	23.84 1.31 0.00	24.88 1.43 0.00	27.48 1.65 0.00	28.28 1.74 -0.61	30.00 1.61 -0.69	31.08 1.60 -0.37	35.14 1.67 -1.42	37.87 1.81 -1.14	39.84 1.86 -3.57	40.69 1.82 -10.07	48.60 2.44 -12.69	54.33 2.43 -19.01	55.47 2.05 -21.79	54.31 1.59 -26.14	54.89 1.87 -19.58	43.73 1.34 -11.21	36.47 1.57 -2.84	31.67 1.60 -0.37
KINTIGH____ 23543	29.50 -0.21 0.00	25.43 -0.57 0.00	26.07 -0.37 -0.10	24.47 -1.02 0.00	23.05 -0.91 0.00	23.26 -1.10 0.00	21.58 -0.95 0.00	22.54 -0.91 0.00	24.74 -1.08 0.00	25.13 -0.88 -0.08	26.88 -0.91 -0.09	28.32 -0.84 -0.05	31.22 -1.03 -0.19	33.89 -1.19 -0.16	34.14 -0.76 -0.49	30.39 0.20 -1.37	35.43 0.23 -1.73	35.70 0.23 -2.59	35.19 0.60 -2.97	30.77 0.64 -3.56	36.54 0.43 -2.67	32.27 -0.44 -1.53	31.84 -0.61 -0.39	29.33 -0.42 -0.05
KNTFSRNC_46_KV_46KV_LOAD 80397	30.78 1.07 0.00	26.81 0.81 0.00	27.10 0.76 0.00	26.33 0.84 0.00	24.89 0.93 0.00	25.33 0.97 0.00	23.41 0.88 0.00	24.46 1.01 0.00	26.83 1.01 0.00	26.89 0.96 0.00	28.70 1.00 0.00	30.07 0.96 0.00	33.02 0.96 0.00	36.00 1.08 0.00	35.45 1.03 0.00	29.33 0.52 0.00	34.00 0.54 0.00	33.11 0.23 0.00	31.94 0.32 0.00	26.89 0.32 0.00	33.97 0.53 0.00	31.99 0.81 0.00	32.73 0.67 0.00	30.17 0.48 0.00

LACHUTE____HYDRO 323717	34.11 4.40 0.00	29.78 3.77 0.00	32.06 3.53 -2.19	28.97 3.39 -0.09	27.02 3.07 0.00	27.47 3.12 0.00	25.55 3.02 0.00	26.45 3.00 0.00	33.11 3.57 -3.71	36.70 3.84 -6.93	34.38 4.07 -2.60	35.72 4.42 -2.18	45.16 4.74 -8.36	49.37 5.20 -9.25	58.51 5.13 -18.96	73.30 4.35 -40.14	89.33 5.35 -50.51	93.23 5.00 -55.35	100.42 5.35 -63.45	107.43 4.76 -76.10	96.47 6.02 -57.02	69.34 5.52 -32.64	45.77 5.45 -8.26	35.59 4.81 -1.08
LAWRNCAV_115KV_TB1 80681	29.83 0.12 0.00	26.24 0.23 0.00	26.55 0.21 0.00	25.87 0.38 0.00	24.41 0.46 0.00	24.82 0.46 0.00	22.91 0.38 0.00	23.85 0.40 0.00	26.21 0.39 0.00	26.21 0.29 0.00	27.98 0.28 0.00	29.38 0.26 0.00	32.23 0.06 -0.11	35.22 0.10 -0.20	34.59 0.03 -0.14	27.95 -0.86 0.00	32.61 -1.07 -0.22	31.86 -1.22 -0.20	30.71 -1.08 -0.16	25.70 -0.88 0.00	32.46 -0.97 0.00	31.24 0.06 0.00	32.12 0.06 0.00	29.95 0.18 -0.07
LEDERLE____ 23769	31.38 1.66 0.00	27.57 1.56 0.00	28.56 1.50 -0.72	26.89 1.38 -0.03	25.16 1.20 0.00	25.57 1.22 0.00	23.72 1.19 0.00	24.69 1.24 0.00	27.30 1.47 0.00	28.05 1.53 -0.59	30.11 1.75 -0.67	31.25 1.78 -0.36	35.31 1.89 -1.37	38.08 2.06 -1.10	39.91 2.06 -3.43	40.45 1.96 -9.68	48.12 2.44 -12.21	53.67 2.50 -18.29	54.74 2.15 -20.97	53.42 1.70 -25.15	54.31 2.04 -18.84	43.55 1.59 -10.78	36.49 1.70 -2.73	31.72 1.66 -0.36
LIGHTHSE_115KV_TB6 355974	29.65 -0.06 0.00	25.88 -0.13 0.00	26.20 -0.13 0.00	25.20 -0.28 0.00	23.77 -0.19 0.00	24.11 -0.24 0.00	22.26 -0.27 0.00	23.08 -0.38 0.00	25.39 -0.44 0.00	25.54 -0.39 0.00	27.34 -0.36 0.00	28.79 -0.32 0.00	32.66 -0.22 -0.83	36.19 -0.24 -1.51	35.44 -0.07 -1.09	28.98 0.17 0.00	35.36 0.23 -1.65	34.81 0.39 -1.53	33.43 0.57 -1.24	27.08 0.50 0.00	34.00 0.57 0.00	31.59 0.41 0.00	32.19 0.13 0.00	30.30 0.06 -0.54
LINDEN COGEN____ 23786	31.08 1.37 0.00	27.41 1.40 0.00	28.38 1.29 -0.75	26.74 1.22 -0.03	25.04 1.08 0.00	25.48 1.12 0.00	23.68 1.15 0.00	24.67 1.22 0.00	27.25 1.42 0.00	28.02 1.48 -0.61	29.97 1.58 -0.69	31.01 1.60 -0.30	31.23 1.67 2.49	34.44 1.81 2.30	37.24 1.82 -1.00	38.08 1.79 -7.48	48.46 2.31 -12.69	54.23 2.33 -19.01	55.37 1.96 -21.79	54.22 1.51 -26.13	54.78 1.77 -19.58	21.86 1.44 10.75	34.22 1.44 -0.71	29.46 1.51 1.75
LINDHRST_69_KV_BK1 356055	37.84 2.79 -5.33	34.63 2.57 -6.05	29.88 2.53 -1.01	27.91 2.37 -0.05	26.10 2.08 -0.06	26.55 2.19 0.00	24.63 2.10 0.00	25.66 2.20 0.00	28.77 2.43 -0.52	33.71 2.54 -5.23	40.91 2.77 -10.44	41.67 2.79 -9.76	42.72 2.95 -7.72	43.83 3.21 -5.69	44.00 3.23 -6.35	44.75 2.94 -13.00	54.07 3.65 -16.95	56.82 3.78 -20.16	56.68 3.26 -21.80	55.11 2.39 -26.15	55.63 2.61 -19.59	44.70 2.31 -11.21	41.61 2.95 -6.60	38.63 2.88 -6.05
LIPA_MISC_IPP 23656	38.10 3.06 -5.33	34.86 2.81 -6.05	30.14 2.79 -1.01	28.14 2.60 -0.05	26.32 2.30 -0.06	26.77 2.41 0.00	24.81 2.28 0.00	25.87 2.42 0.00	29.03 2.69 -0.52	33.99 2.83 -5.23	41.25 3.10 -10.45	45.92 3.09 -13.72	46.84 3.21 -11.58	44.72 3.32 -6.48	44.00 3.23 -6.35	47.01 2.97 -15.24	54.06 3.65 -16.95	65.61 3.81 -28.92	56.71 3.29 -21.80	55.08 2.36 -26.15	55.53 2.51 -19.59	44.79 2.40 -11.21	41.86 3.21 -6.60	38.84 3.09 -6.05
LISF____SOLAR 323691	38.10 3.06 -5.33	34.89 2.84 -6.05	30.09 2.74 -1.01	28.19 2.65 -0.05	26.39 2.37 -0.06	26.82 2.46 -0.01	24.86 2.32 -0.01	25.92 2.46 -0.01	29.08 2.74 -0.52	33.97 2.80 -5.23	41.28 3.13 -10.45	46.00 3.12 -13.77	46.96 3.27 -11.63	44.80 3.39 -6.50	44.07 3.30 -6.35	47.07 3.00 -15.27	54.20 3.78 -16.95	65.83 3.91 -29.04	56.93 3.51 -21.80	55.30 2.58 -26.15	55.63 2.61 -19.59	44.89 2.50 -11.21	41.96 3.30 -6.60	38.93 3.18 -6.05
LITTLE FALLS____HYD 24013	29.98 0.27 0.00	26.21 0.21 0.00	26.55 0.21 0.00	25.64 0.15 0.00	24.12 0.17 0.00	24.53 0.17 0.00	22.67 0.14 0.00	23.52 0.07 0.00	25.93 0.10 0.00	26.06 0.13 0.00	27.89 0.19 0.00	29.35 0.23 0.00	32.41 0.35 0.00	35.27 0.35 0.00	34.83 0.41 0.00	29.21 0.40 0.00	33.93 0.47 0.00	33.37 0.49 0.00	32.13 0.51 0.00	26.94 0.37 0.00	33.87 0.43 0.00	31.43 0.25 0.00	32.22 0.16 0.00	29.79 0.09 0.00
LITTLRIV_115KV_TB1 356100	30.13 0.42 0.00	26.50 0.49 0.00	26.81 0.47 0.00	26.12 0.64 0.00	24.65 0.69 0.00	25.06 0.71 0.00	23.12 0.59 0.00	24.04 0.59 0.00	26.39 0.57 0.00	26.42 0.49 0.00	28.23 0.53 0.00	29.61 0.49 0.00	32.59 0.42 -0.12	35.66 0.52 -0.21	35.02 0.45 -0.15	28.29 -0.52 0.00	33.03 -0.67 -0.23	32.31 -0.79 -0.22	31.16 -0.63 -0.17	26.07 -0.50 0.00	32.96 -0.47 0.00	31.65 0.47 0.00	32.51 0.45 0.00	30.25 0.48 -0.08
LI_NEWBRDGE____DRP 323616	37.12 2.08 -5.33	34.00 1.95 -6.05	29.24 1.90 -1.01	27.35 1.81 -0.05	25.58 1.56 -0.06	26.04 1.68 0.00	24.18 1.64 0.00	25.16 1.71 0.00	28.21 1.86 -0.52	33.11 1.94 -5.23	40.25 2.11 -10.44	40.51 2.13 -9.27	41.51 2.21 -7.24	42.93 2.41 -5.60	43.18 2.41 -6.35	43.78 2.25 -12.72	53.23 2.81 -16.95	54.89 2.93 -19.09	55.89 2.47 -21.80	54.50 1.78 -26.15	54.89 1.87 -19.59	44.05 1.65 -11.21	40.81 2.15 -6.60	37.89 2.14 -6.05
LOCKPORT_115KV_TB60_63_64 80432	29.80 0.09 0.00	25.64 -0.36 0.00	26.18 -0.26 -0.11	24.47 -1.02 0.00	23.14 -0.81 0.00	23.33 -1.02 0.00	21.56 -0.97 0.00	22.49 -0.96 0.00	24.64 -1.19 0.00	25.06 -0.96 -0.09	26.81 -1.00 -0.10	28.24 -0.93 -0.06	31.15 -1.12 -0.21	33.80 -1.29 -0.17	34.19 -0.76 -0.54	30.67 0.35 -1.52	35.78 0.40 -1.91	36.13 0.39 -2.86	35.78 0.89 -3.28	31.38 0.88 -3.93	37.01 0.64 -2.94	32.49 -0.37 -1.68	31.91 -0.58 -0.43	29.49 -0.27 -0.06
LOCKPORT____CC1 323769	29.77 0.06 0.00	25.51 -0.49 0.00	25.13 -1.32 -0.11	24.47 -1.02 0.00	23.14 -0.81 0.00	23.31 -1.05 0.00	21.59 -0.95 0.00	22.37 -1.08 0.00	24.64 -1.19 0.00	25.09 -0.93 -0.09	26.78 -1.02 -0.11	28.18 -0.99 -0.06	31.05 -1.22 -0.22	33.73 -1.36 -0.17	34.13 -0.83 -0.54	30.60 0.26 -1.53	35.69 0.30 -1.93	36.06 0.30 -2.88	35.68 0.76 -3.31	31.33 0.80 -3.96	36.93 0.53 -2.97	32.38 -0.50 -1.70	31.82 -0.67 -0.43	29.43 -0.33 -0.06
LOCKPORT____CC2 323770	29.77 0.06 0.00	25.51 -0.49 0.00	25.13 -1.32 -0.11	24.47 -1.02 0.00	23.14 -0.81 0.00	23.31 -1.05 0.00	21.59 -0.95 0.00	22.37 -1.08 0.00	24.64 -1.19 0.00	25.09 -0.93 -0.09	26.78 -1.02 -0.11	28.18 -0.99 -0.06	31.05 -1.22 -0.22	33.73 -1.36 -0.17	34.13 -0.83 -0.54	30.60 0.26 -1.53	35.69 0.30 -1.93	36.06 0.30 -2.88	35.68 0.76 -3.31	31.33 0.80 -3.96	36.93 0.53 -2.97	32.38 -0.50 -1.70	31.82 -0.67 -0.43	29.43 -0.33 -0.06
LOCKPORT____CC3 323771	29.77 0.06 0.00	25.51 -0.49 0.00	25.13 -1.32 -0.11	24.47 -1.02 0.00	23.14 -0.81 0.00	23.31 -1.05 0.00	21.59 -0.95 0.00	22.37 -1.08 0.00	24.64 -1.19 0.00	25.09 -0.93 -0.09	26.78 -1.02 -0.11	28.18 -0.99 -0.06	31.05 -1.22 -0.22	33.73 -1.36 -0.17	34.13 -0.83 -0.54	30.60 0.26 -1.53	35.69 0.30 -1.93	36.06 0.30 -2.88	35.68 0.76 -3.31	31.33 0.80 -3.96	36.93 0.53 -2.97	32.38 -0.50 -1.70	31.82 -0.67 -0.43	29.43 -0.33 -0.06

LONG_LAKE_PHOENIX 24014	29.33 -0.39 0.00	25.59 -0.42 0.00	25.94 -0.40 0.00	24.92 -0.56 0.00	23.48 -0.48 0.00	23.82 -0.54 0.00	22.03 -0.50 0.00	22.89 -0.56 0.00	25.23 -0.59 0.00	25.41 -0.52 0.00	27.17 -0.53 0.00	28.62 -0.49 0.00	32.76 -0.45 -1.15	36.53 -0.49 -2.10	35.58 -0.34 -1.51	28.75 -0.06 0.00	35.73 -0.03 -2.29	35.04 0.03 -2.12	33.46 0.13 -1.72	26.70 0.13 0.00	33.53 0.10 0.00	31.06 -0.12 0.00	31.74 -0.32 0.00	30.09 -0.36 -0.75
LOVETT___3 23632	31.20 1.49 0.00	27.38 1.38 0.00	28.41 1.34 -0.73	26.74 1.22 -0.03	25.01 1.05 0.00	25.43 1.07 0.00	23.59 1.06 0.00	24.58 1.13 0.00	27.12 1.29 0.00	27.90 1.37 -0.59	29.92 1.55 -0.67	31.04 1.57 -0.36	35.06 1.63 -1.37	37.77 1.75 -1.10	39.61 1.76 -3.45	40.24 1.70 -9.73	47.84 2.11 -12.26	53.42 2.17 -18.37	54.51 1.83 -21.06	53.26 1.43 -25.26	54.06 1.71 -18.92	43.32 1.31 -10.83	36.25 1.44 -2.74	31.51 1.46 -0.36
LOVETT___4 23642	31.20 1.49 0.00	27.38 1.38 0.00	28.41 1.34 -0.73	26.74 1.22 -0.03	25.01 1.05 0.00	25.43 1.07 0.00	23.59 1.06 0.00	24.58 1.13 0.00	27.12 1.29 0.00	27.90 1.37 -0.59	29.92 1.55 -0.67	31.04 1.57 -0.36	35.06 1.63 -1.37	37.77 1.75 -1.10	39.61 1.76 -3.45	40.24 1.70 -9.73	47.84 2.11 -12.26	53.42 2.17 -18.37	54.51 1.83 -21.06	53.26 1.43 -25.26	54.06 1.71 -18.92	43.32 1.31 -10.83	36.25 1.44 -2.74	31.51 1.46 -0.36
LOVETT___5 23593	31.20 1.49 0.00	27.38 1.38 0.00	28.41 1.34 -0.73	26.74 1.22 -0.03	25.01 1.05 0.00	25.43 1.07 0.00	23.59 1.06 0.00	24.58 1.13 0.00	27.12 1.29 0.00	27.90 1.37 -0.59	29.92 1.55 -0.67	31.04 1.57 -0.36	35.06 1.63 -1.37	37.77 1.75 -1.10	39.61 1.76 -3.45	40.24 1.70 -9.73	47.84 2.11 -12.26	53.42 2.17 -18.37	54.51 1.83 -21.06	53.26 1.43 -25.26	54.06 1.71 -18.92	43.32 1.31 -10.83	36.25 1.44 -2.74	31.51 1.46 -0.36
LOWER_RAQUET___HYD 24057	30.13 0.42 0.00	26.32 0.31 0.00	26.86 0.53 0.00	25.87 0.38 0.00	24.41 0.45 0.00	24.82 0.46 0.00	22.91 0.38 0.00	23.87 0.42 0.00	26.21 0.39 0.00	26.21 0.29 0.00	28.00 0.31 0.00	29.41 0.29 0.00	32.31 0.13 -0.12	35.32 0.18 -0.23	34.65 0.07 -0.16	28.03 -0.78 0.00	32.74 -0.97 -0.25	31.99 -1.12 -0.23	30.83 -0.98 -0.19	25.78 -0.80 0.00	32.60 -0.83 0.00	31.34 0.16 0.00	32.19 0.13 0.00	29.99 0.21 -0.08
LOWER___HUDSON 24059	31.26 1.54 0.00	27.41 1.40 0.00	29.65 1.37 -1.95	26.89 1.32 -0.08	25.15 1.20 0.00	25.60 1.24 0.00	23.75 1.22 0.00	24.65 1.20 0.00	36.91 1.37 -9.71	42.35 1.43 -15.00	32.55 1.58 -3.28	34.59 1.66 -3.82	48.46 1.79 -14.61	55.25 1.95 -18.37	67.76 1.96 -31.39	84.11 1.73 -53.57	102.70 1.94 -67.29	83.95 1.87 -49.20	89.79 1.77 -56.40	95.70 1.49 -67.64	85.98 1.87 -50.68	61.84 1.65 -29.01	41.10 1.70 -7.34	32.29 1.63 -0.96
LOWVILLE_115KV_TB2 356335	30.40 0.68 0.00	26.58 0.57 0.00	26.91 0.58 0.00	25.97 0.48 0.00	24.51 0.55 0.00	24.89 0.54 0.00	22.94 0.41 0.00	23.71 0.26 0.00	26.06 0.23 0.00	26.14 0.21 0.00	28.00 0.30 0.00	29.49 0.38 0.00	32.90 0.54 -0.31	36.07 0.59 -0.56	35.50 0.69 -0.40	29.33 0.52 0.00	34.74 0.67 -0.61	34.26 0.82 -0.56	33.12 1.04 -0.45	27.45 0.88 0.00	34.57 1.14 0.00	32.30 1.12 0.00	32.99 0.93 0.00	30.70 0.80 -0.20
LUTHERFT_115KV_GLOB_FND_222 355753	31.88 2.17 0.00	27.91 1.90 0.00	30.38 1.87 -2.18	27.31 1.73 -0.09	25.51 1.56 0.00	25.94 1.58 0.00	24.06 1.53 0.00	24.95 1.50 0.00	31.76 1.73 -4.20	35.36 1.84 -7.59	32.35 1.99 -2.66	33.56 2.13 -2.32	43.27 2.34 -8.87	47.47 2.55 -10.00	56.95 2.55 -19.99	72.28 2.22 -41.26	88.02 2.64 -51.91	90.27 2.50 -54.89	97.08 2.53 -62.93	104.25 2.21 -75.48	92.72 2.74 -56.55	66.01 2.46 -32.37	42.76 2.50 -8.20	33.06 2.29 -1.07
LUTHERNY_35_KV_BK2 355980	31.88 2.17 0.00	27.93 1.92 0.00	30.41 1.90 -2.18	27.31 1.73 -0.09	25.51 1.56 0.00	25.96 1.61 0.00	24.06 1.53 0.00	24.95 1.50 0.00	31.79 1.76 -4.20	35.39 1.87 -7.59	32.38 2.02 -2.66	33.59 2.15 -2.32	43.30 2.37 -8.87	47.50 2.58 -10.00	56.95 2.55 -19.99	72.31 2.25 -41.26	88.02 2.64 -51.91	90.31 2.53 -54.89	97.11 2.56 -62.93	104.28 2.23 -75.48	92.75 2.77 -56.55	66.04 2.49 -32.37	42.76 2.50 -8.20	33.08 2.32 -1.07
LWR___OSWEGATCHIE_HYD 23850	30.13 0.42 0.00	26.40 0.39 0.00	26.73 0.40 0.00	25.92 0.43 0.00	24.46 0.50 0.00	24.84 0.49 0.00	22.91 0.38 0.00	23.76 0.30 0.00	26.08 0.26 0.00	26.14 0.21 0.00	27.95 0.25 0.00	29.38 0.26 0.00	32.55 0.26 -0.24	35.67 0.31 -0.44	35.04 0.31 -0.32	28.67 -0.14 0.00	33.78 -0.17 -0.48	33.19 -0.13 -0.44	32.04 0.06 -0.36	26.65 0.08 0.00	33.63 0.20 0.00	31.84 0.65 0.00	32.57 0.51 0.00	30.36 0.50 -0.16
LYONS_FALL_HYD 23570	30.52 0.80 0.00	26.61 0.60 0.00	26.94 0.61 0.00	26.02 0.54 0.00	24.53 0.57 0.00	24.92 0.56 0.00	22.98 0.45 0.00	23.78 0.33 0.00	26.19 0.36 0.00	26.29 0.36 0.00	28.20 0.50 0.00	29.67 0.55 0.00	33.01 0.77 -0.18	36.13 0.87 -0.33	35.65 1.00 -0.24	29.70 0.89 0.00	34.87 1.04 -0.36	34.37 1.15 -0.34	33.16 1.27 -0.27	27.61 1.04 0.00	34.73 1.30 0.00	32.30 1.12 0.00	33.02 0.96 0.00	30.65 0.83 -0.12
MADISON___COUNTY_LFGE 323628	30.54 0.83 0.00	26.66 0.65 0.00	26.99 0.66 0.00	25.97 0.48 0.00	24.48 0.53 0.00	24.87 0.51 0.00	22.94 0.41 0.00	23.78 0.33 0.00	26.19 0.36 0.00	26.32 0.39 0.00	28.23 0.53 0.00	29.73 0.61 0.00	33.11 0.87 -0.19	36.27 1.01 -0.34	35.79 1.14 -0.24	29.96 1.15 0.00	35.21 1.37 -0.37	34.67 1.45 -0.34	33.41 1.52 -0.28	27.87 1.30 0.00	35.00 1.57 0.00	32.40 1.22 0.00	33.05 0.99 0.00	30.71 0.89 -0.12
MALONE___115KV_TB1 356076	30.49 0.77 0.00	26.63 0.62 0.00	26.91 0.58 0.00	26.17 0.69 0.00	24.75 0.79 0.00	25.18 0.83 0.00	23.27 0.74 0.00	24.32 0.87 0.00	26.70 0.88 0.00	26.73 0.80 0.00	28.53 0.83 0.00	29.90 0.79 0.00	32.82 0.77 0.00	35.79 0.87 0.00	35.21 0.79 0.00	29.01 0.20 0.00	33.60 0.13 0.00	32.72 -0.16 0.00	31.56 -0.06 0.00	26.55 -0.03 0.00	33.57 0.13 0.00	31.77 0.59 0.00	32.54 0.48 0.00	30.05 0.36 0.00
MAPLEWOD_115KV_TB3 80458	31.11 1.40 0.00	27.28 1.27 0.00	29.44 1.34 -1.76	26.83 1.27 -0.08	25.08 1.13 0.00	25.53 1.17 0.00	23.61 1.08 0.00	24.51 1.06 0.00	22.47 1.16 4.51	22.42 1.24 4.76	30.03 1.36 -0.98	30.10 1.43 0.44	31.96 1.57 1.66	32.17 1.68 4.43	34.41 1.72 1.73	41.75 1.53 -11.41	49.74 1.77 -14.50	79.08 1.78 -44.42	84.22 1.68 -50.92	89.03 1.38 -61.07	80.89 1.71 -45.76	58.90 1.53 -26.19	40.26 1.57 -6.63	32.05 1.48 -0.87
MAPLE RIDGE_WT_1 323574	29.47 -0.24 0.00	25.80 -0.21 0.00	26.23 -0.10 0.00	25.36 -0.13 0.00	23.86 -0.10 0.00	24.26 -0.10 0.00	22.44 -0.09 0.00	23.40 -0.05 0.00	25.75 -0.08 0.00	25.80 -0.13 0.00	27.53 -0.17 0.00	28.94 -0.17 0.00	31.80 -0.26 0.00	34.64 -0.28 0.00	34.07 -0.34 0.00	28.26 -0.55 0.00	32.83 -0.64 0.00	32.19 -0.69 0.00	30.95 -0.67 0.00	26.01 -0.56 0.00	32.76 -0.67 0.00	30.77 -0.41 0.00	31.64 -0.42 0.00	29.19 -0.51 0.00

MAPLE_RIDGE_WT_2 323611	29.47 -0.24 0.00	25.80 -0.21 0.00	26.23 -0.10 0.00	25.36 -0.13 0.00	23.86 -0.10 0.00	24.26 -0.10 0.00	22.44 -0.09 0.00	23.40 -0.05 0.00	25.75 -0.08 0.00	25.80 -0.13 0.00	27.53 -0.17 0.00	28.94 -0.17 0.00	31.80 -0.26 0.00	34.64 -0.28 0.00	34.07 -0.34 0.00	28.26 -0.55 0.00	32.83 -0.64 0.00	32.19 -0.69 0.00	30.95 -0.67 0.00	26.01 -0.56 0.00	32.76 -0.67 0.00	30.77 -0.41 0.00	31.64 -0.42 0.00	29.19 -0.51 0.00
MARBLE_RIVER_WT_PWR 323696	30.48 0.77 0.00	26.58 0.57 0.00	27.07 0.74 0.00	26.07 0.59 0.00	24.63 0.67 0.00	25.06 0.71 0.00	23.16 0.63 0.00	24.20 0.75 0.00	26.58 0.75 0.00	26.63 0.70 0.00	28.42 0.72 0.00	29.81 0.70 0.00	32.73 0.67 0.00	35.69 0.77 0.00	35.07 0.65 0.00	28.98 0.17 0.00	33.60 0.13 0.00	32.75 -0.13 0.00	31.56 -0.06 0.00	26.55 -0.03 0.00	33.46 0.03 0.00	31.56 0.38 0.00	32.35 0.29 0.00	29.85 0.15 0.00
MARSHVLE_115KV_TB1 80742	32.18 2.47 0.00	28.14 2.13 0.00	30.34 2.08 -1.93	27.43 1.86 -0.08	25.66 1.70 0.00	26.11 1.75 0.00	24.15 1.62 0.00	25.00 1.55 0.00	27.53 1.70 0.00	29.29 1.76 -1.60	31.47 1.97 -1.80	32.17 2.10 -0.96	38.16 2.40 -3.70	40.54 2.65 -2.97	46.49 2.79 -9.29	57.56 2.54 -26.21	69.70 3.18 -33.05	84.82 3.26 -48.68	90.84 3.42 -55.81	96.46 2.95 -66.94	87.26 3.68 -50.15	63.07 3.18 -28.70	42.37 3.05 -7.27	33.32 2.67 -0.95
MARSH_HILL_WT_PWR 323713	30.78 1.07 0.00	26.55 0.55 0.00	26.52 0.03 -0.16	25.62 0.13 -0.01	24.15 0.19 0.00	24.43 0.07 0.00	22.62 0.09 0.00	23.38 -0.07 0.00	25.77 -0.05 0.00	26.14 0.08 -0.13	27.93 0.08 -0.15	29.31 0.12 -0.08	32.69 0.19 -0.44	35.66 0.25 -0.49	36.01 0.65 -0.94	32.27 1.30 -2.16	38.10 1.64 -2.99	38.95 1.74 -4.33	38.65 2.15 -4.87	34.14 1.97 -5.60	39.67 2.04 -4.20	34.74 1.15 -2.40	33.44 0.77 -0.61	30.69 0.83 -0.17
MCINTYRE_115KV_TB2 80467	30.19 0.48 0.00	26.53 0.52 0.00	26.84 0.50 0.00	26.17 0.69 0.00	24.72 0.77 0.00	25.11 0.76 0.00	23.14 0.61 0.00	24.06 0.61 0.00	26.42 0.59 0.00	26.42 0.49 0.00	28.20 0.50 0.00	29.61 0.49 0.00	32.54 0.38 -0.10	35.64 0.52 -0.19	34.96 0.41 -0.14	28.26 -0.55 0.00	32.97 -0.70 -0.21	32.25 -0.82 -0.19	31.11 -0.66 -0.16	26.09 -0.48 0.00	33.00 -0.43 0.00	31.71 0.53 0.00	32.57 0.51 0.00	30.30 0.53 -0.07
MECO____69_KV_BK1 80468	33.37 3.65 0.00	29.13 3.12 0.00	31.39 3.00 -2.06	28.27 2.70 -0.09	26.42 2.47 0.00	26.86 2.51 0.00	24.90 2.37 0.00	25.63 2.18 0.00	28.15 2.32 0.00	29.97 2.33 -1.71	32.14 2.52 -1.92	32.85 2.71 -1.03	39.05 3.05 -3.95	41.44 3.35 -3.17	47.94 3.61 -9.91	59.95 3.17 -27.97	72.91 4.18 -35.26	89.22 4.41 -51.93	95.99 4.84 -59.53	102.28 4.30 -71.40	92.24 5.32 -53.49	66.60 4.80 -30.62	44.43 4.62 -7.75	34.75 4.04 -1.01
MENANDS__115KV_TB5 355628	30.81 1.10 0.00	27.07 1.07 0.00	29.16 1.16 -1.67	26.65 1.10 -0.07	24.92 0.96 0.00	25.38 1.02 0.00	23.48 0.95 0.00	24.37 0.91 0.00	21.50 0.98 5.30	21.07 1.06 5.92	29.58 1.11 -0.77	29.56 1.16 0.72	30.62 1.28 2.72	30.47 1.36 5.81	31.88 1.41 3.94	38.04 1.24 -7.99	45.05 1.37 -10.21	76.39 1.38 -42.13	81.15 1.23 -48.30	85.51 1.01 -57.93	78.10 1.27 -43.40	57.11 1.09 -24.84	39.50 1.15 -6.29	31.65 1.13 -0.82
MG INDUSTRY__DRP 24185	30.93 1.22 0.00	27.15 1.14 0.00	28.84 1.21 -1.30	26.69 1.15 -0.06	24.96 1.01 0.00	25.43 1.07 0.00	23.52 0.99 0.00	24.41 0.96 0.00	23.88 1.06 3.01	23.97 1.11 3.07	29.65 1.19 -0.76	30.13 1.25 0.24	32.55 1.38 0.88	33.62 1.47 2.77	35.35 1.51 0.58	39.31 1.30 -9.20	46.62 1.47 -11.68	67.00 1.41 -32.71	70.41 1.30 -37.49	72.60 1.06 -44.97	68.49 1.37 -33.69	51.65 1.18 -19.28	38.19 1.25 -4.88	31.55 1.22 -0.64
MID__OSWEGATCHIE_HYD 23849	30.13 0.42 0.00	26.40 0.39 0.00	26.73 0.40 0.00	25.92 0.43 0.00	24.46 0.50 0.00	24.84 0.49 0.00	22.91 0.38 0.00	23.76 0.30 0.00	26.08 0.26 0.00	26.14 0.21 0.00	27.95 0.25 0.00	29.38 0.26 0.00	32.55 0.26 -0.24	35.67 0.31 -0.44	35.04 0.31 -0.32	28.67 -0.14 0.00	33.78 -0.17 -0.48	33.19 -0.13 -0.44	32.04 0.06 -0.36	26.65 0.08 0.00	33.63 0.20 0.00	31.84 0.65 0.00	32.57 0.51 0.00	30.36 0.50 -0.16
MID__RAQUETTE_HYD 23851	29.86 0.15 0.00	26.27 0.26 0.00	26.57 0.24 0.00	25.87 0.38 0.00	24.41 0.46 0.00	24.82 0.46 0.00	22.91 0.38 0.00	23.85 0.40 0.00	26.21 0.39 0.00	26.21 0.29 0.00	28.00 0.30 0.00	29.38 0.26 0.00	32.28 0.10 -0.12	35.29 0.14 -0.23	34.61 0.03 -0.16	28.00 -0.81 0.00	32.71 -1.00 -0.25	31.96 -1.15 -0.23	30.79 -1.01 -0.19	25.75 -0.82 0.00	32.56 -0.87 0.00	31.31 0.12 0.00	32.16 0.10 0.00	29.99 0.21 -0.08
MILLIKEN__1 23584	30.49 0.77 0.00	26.55 0.55 0.00	27.08 0.58 -0.16	25.80 0.31 -0.01	24.29 0.34 0.00	24.67 0.32 0.00	22.78 0.25 0.00	23.64 0.19 0.00	26.03 0.21 0.00	26.32 0.26 -0.13	28.21 0.36 -0.15	29.63 0.44 -0.08	33.39 0.61 -0.73	36.60 0.66 -1.01	36.63 0.89 -1.32	32.04 1.07 -2.17	38.41 1.37 -3.57	39.25 1.51 -4.86	38.57 1.64 -5.31	33.65 1.46 -5.62	39.34 1.71 -4.21	34.84 1.25 -2.41	33.63 0.96 -0.61	30.91 0.86 -0.35
MILLIKEN__2 23585	30.49 0.77 0.00	26.55 0.55 0.00	27.08 0.58 -0.16	25.80 0.31 -0.01	24.29 0.34 0.00	24.67 0.32 0.00	22.78 0.25 0.00	23.64 0.19 0.00	26.03 0.21 0.00	26.32 0.26 -0.13	28.21 0.36 -0.15	29.63 0.44 -0.08	33.39 0.61 -0.73	36.60 0.66 -1.01	36.63 0.89 -1.32	32.04 1.07 -2.17	38.41 1.37 -3.57	39.25 1.51 -4.86	38.57 1.64 -5.31	33.65 1.46 -5.62	39.34 1.71 -4.21	34.84 1.25 -2.41	33.63 0.96 -0.61	30.91 0.86 -0.35
MILLIKEN__DIESEL 23629	30.49 0.77 0.00	26.55 0.55 0.00	27.08 0.58 -0.16	25.80 0.31 -0.01	24.29 0.34 0.00	24.67 0.32 0.00	22.78 0.25 0.00	23.64 0.19 0.00	26.03 0.21 0.00	26.32 0.26 -0.13	28.21 0.36 -0.15	29.63 0.44 -0.08	33.39 0.61 -0.73	36.60 0.66 -1.01	36.63 0.89 -1.32	32.04 1.07 -2.17	38.41 1.37 -3.57	39.25 1.51 -4.86	38.57 1.64 -5.31	33.65 1.46 -5.62	39.34 1.71 -4.21	34.84 1.25 -2.41	33.63 0.96 -0.61	30.91 0.86 -0.35
MILLSEAT__LFGE 323607	30.22 0.50 0.00	25.95 -0.05 0.00	25.60 -0.84 -0.11	24.88 -0.61 0.00	23.50 -0.46 0.00	23.67 -0.68 0.00	21.90 -0.63 0.00	22.70 -0.75 0.00	25.00 -0.83 0.00	25.45 -0.57 -0.09	27.22 -0.58 -0.10	28.61 -0.55 -0.05	31.56 -0.71 -0.21	34.28 -0.80 -0.17	34.73 -0.21 -0.52	31.02 0.75 -1.46	36.25 0.94 -1.84	36.59 0.95 -2.76	36.17 1.39 -3.16	31.66 1.30 -3.79	37.57 1.30 -2.84	33.09 0.28 -1.63	32.54 0.06 -0.41	29.99 0.24 -0.05
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	31.29 1.57 0.00	27.49 1.48 0.00	28.53 1.45 -0.75	26.84 1.33 -0.03	25.11 1.15 0.00	25.53 1.17 0.00	23.68 1.15 0.00	24.67 1.22 0.00	27.22 1.39 0.00	28.02 1.48 -0.61	30.05 1.66 -0.69	31.17 1.69 -0.37	35.23 1.76 -1.41	38.01 1.96 -1.13	39.92 1.96 -3.55	40.69 1.87 -10.01	48.43 2.34 -12.62	54.15 2.37 -18.90	55.31 2.02 -21.67	54.15 1.59 -25.99	54.81 1.91 -19.47	43.79 1.47 -11.14	36.45 1.57 -2.82	31.64 1.57 -0.37

MILLWOOD_13_KV_LOAD 356217	31.38 1.66 0.00	27.57 1.56 0.00	28.61 1.53 -0.75	26.92 1.40 -0.03	25.16 1.20 0.00	25.57 1.22 0.00	23.72 1.19 0.00	24.72 1.27 0.00	27.30 1.47 0.00	28.07 1.53 -0.61	30.13 1.75 -0.69	31.26 1.78 -0.37	35.36 1.89 -1.41	38.18 2.13 -1.13	40.09 2.13 -3.55	40.83 2.02 -10.01	48.56 2.48 -12.62	54.35 2.56 -18.90	55.44 2.15 -21.67	54.26 1.70 -25.99	54.94 2.04 -19.47	43.95 1.62 -11.14	36.55 1.67 -2.82	31.73 1.66 -0.37
MODEL_CITY_ENERGY 24167	29.47 -0.24 0.00	25.28 -0.73 0.00	24.84 -1.61 -0.12	24.19 -1.30 0.00	22.93 -1.03 0.00	23.12 -1.24 0.00	21.36 -1.17 0.00	22.11 -1.34 0.00	24.38 -1.45 0.00	24.81 -1.22 -0.09	26.48 -1.33 -0.11	27.86 -1.31 -0.06	30.70 -1.57 -0.22	33.32 -1.78 -0.18	33.73 -1.24 -0.55	30.24 -0.11 -1.55	35.29 -0.13 -1.95	35.67 -0.13 -2.92	35.28 0.32 -3.35	31.01 0.42 -4.01	36.54 0.10 -3.01	32.00 -0.91 -1.72	31.44 -1.06 -0.44	29.07 -0.68 -0.06
MODERN_LFGE_ 323580	29.47 -0.24 0.00	25.28 -0.73 0.00	24.84 -1.61 -0.12	24.19 -1.30 0.00	22.93 -1.03 0.00	23.12 -1.24 0.00	21.36 -1.17 0.00	22.11 -1.34 0.00	24.38 -1.45 0.00	24.81 -1.22 -0.09	26.48 -1.33 -0.11	27.86 -1.31 -0.06	30.70 -1.57 -0.22	33.32 -1.78 -0.18	33.73 -1.24 -0.55	30.24 -0.11 -1.55	35.29 -0.13 -1.95	35.67 -0.13 -2.92	35.28 0.32 -3.35	31.01 0.42 -4.01	36.54 0.10 -3.01	32.00 -0.91 -1.72	31.44 -1.06 -0.44	29.07 -0.68 -0.06
MOHAWK_PAPER___DRP 24187	31.11 1.40 0.00	27.28 1.27 0.00	29.44 1.34 -1.76	26.83 1.27 -0.08	25.08 1.13 0.00	25.53 1.17 0.00	23.61 1.08 0.00	24.51 1.06 0.00	22.47 1.16 4.51	22.42 1.24 4.76	30.03 1.36 -0.98	30.10 1.43 0.44	31.96 1.57 1.66	32.17 1.68 4.43	34.41 1.72 1.73	41.75 1.53 -11.41	49.74 1.77 -14.50	79.08 1.78 -44.42	84.22 1.68 -50.92	89.03 1.38 -61.07	80.89 1.71 -45.76	58.90 1.53 -26.19	40.26 1.57 -6.63	32.05 1.48 -0.87
MOHICAN___35_KV_115KV_LD 80490	32.45 2.73 0.00	28.37 2.37 0.00	30.84 2.32 -2.19	27.69 2.12 -0.09	25.87 1.92 0.00	26.33 1.97 0.00	24.42 1.89 0.00	25.33 1.88 0.00	31.94 2.20 -3.92	35.50 2.36 -7.21	32.76 2.44 -2.63	33.97 2.62 -2.24	43.51 2.88 -8.57	47.62 3.14 -9.56	56.80 2.99 -19.39	72.00 2.59 -40.60	87.70 3.15 -51.09	91.00 2.96 -55.16	98.08 3.23 -63.23	105.36 2.95 -75.84	93.90 3.64 -56.82	67.01 3.31 -32.52	43.57 3.27 -8.24	33.71 2.94 -1.08
MONGAUP___HYD 23641	31.38 1.66 0.00	27.51 1.51 0.00	28.44 1.42 -0.69	26.89 1.38 -0.03	25.15 1.20 0.00	25.53 1.17 0.00	23.66 1.13 0.00	24.58 1.13 0.00	27.07 1.24 0.00	27.71 1.22 -0.56	29.66 1.33 -0.63	30.82 1.37 -0.34	34.83 1.48 -1.30	37.57 1.61 -1.04	39.32 1.65 -3.25	39.61 1.61 -9.19	47.19 2.14 -11.58	52.60 2.37 -17.36	53.73 2.21 -19.89	52.24 1.81 -23.86	53.52 2.21 -17.88	43.16 1.75 -10.23	36.41 1.76 -2.59	31.73 1.69 -0.34
MONTAUK___DIESEL 23721	39.74 4.69 -5.33	36.24 4.19 -6.05	31.48 4.13 -1.01	29.38 3.85 -0.05	27.52 3.50 -0.06	27.94 3.58 0.00	25.91 3.38 0.00	27.06 3.61 0.00	30.45 4.11 -0.52	35.57 4.41 -5.23	43.05 4.90 -10.45	47.86 5.01 -13.74	49.07 5.42 -11.60	47.17 5.76 -6.49	46.41 5.64 -6.35	49.13 5.07 -15.25	56.61 6.19 -16.95	68.16 6.31 -28.97	59.05 5.63 -21.80	56.97 4.25 -26.15	57.64 4.61 -19.59	46.57 4.18 -11.21	43.69 5.03 -6.60	40.47 4.72 -6.05
MOONROAD_115KV_HARTFLD_TB1-2 355988	30.75 1.04 0.00	26.50 0.49 0.00	27.10 0.63 -0.14	25.39 -0.10 -0.01	23.96 0.00 0.00	24.16 -0.19 0.00	22.49 -0.05 0.00	23.40 -0.05 0.00	25.72 -0.10 0.00	26.20 0.16 -0.11	28.02 0.19 -0.13	29.53 0.35 -0.07	32.60 0.29 -0.26	35.41 0.28 -0.21	35.95 0.89 -0.64	32.36 1.73 -1.82	37.83 2.07 -2.29	38.31 2.01 -3.43	38.11 2.56 -3.93	33.49 2.21 -4.71	39.00 2.04 -3.53	34.17 0.97 -2.02	33.12 0.55 -0.51	30.33 0.56 -0.07
MORTIMER_115KV_TB3 55949	29.92 0.21 0.00	25.90 -0.10 0.00	26.43 0.00 -0.09	24.98 -0.51 0.00	23.50 -0.46 0.00	23.72 -0.63 0.00	21.99 -0.54 0.00	22.96 -0.49 0.00	25.23 -0.59 0.00	25.64 -0.36 -0.07	27.51 -0.28 -0.08	28.95 -0.20 -0.04	31.97 -0.26 -0.17	34.74 -0.31 -0.14	34.95 0.10 -0.43	30.80 0.78 -1.21	35.93 0.94 -1.52	36.08 0.92 -2.28	35.37 1.14 -2.61	30.77 1.06 -3.13	36.92 1.14 -2.35	32.93 0.41 -1.34	32.59 0.19 -0.34	29.92 0.18 -0.04
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	31.44 1.72 0.00	27.65 1.64 0.00	28.64 1.55 -0.75	26.94 1.43 -0.03	25.20 1.25 0.00	25.65 1.29 0.00	23.79 1.26 0.00	24.79 1.34 0.00	27.38 1.55 0.00	28.18 1.63 -0.61	30.22 1.83 -0.69	31.32 1.83 -0.37	35.40 1.92 -1.42	38.19 2.13 -1.14	40.11 2.13 -3.57	40.89 2.02 -10.07	48.73 2.58 -12.69	54.49 2.60 -19.01	55.63 2.21 -21.80	54.47 1.75 -26.14	55.09 2.07 -19.59	43.98 1.59 -11.21	36.63 1.73 -2.84	31.79 1.72 -0.37
MUNSVILLE_WIND_PWR 323609	32.51 2.79 0.00	28.27 2.26 0.00	28.70 2.06 -0.31	27.46 1.96 -0.01	25.94 1.99 0.00	26.33 1.97 0.00	24.20 1.67 0.00	24.88 1.43 0.00	27.38 1.55 0.00	27.76 1.58 -0.25	29.84 1.86 -0.28	31.30 2.04 -0.15	35.63 2.72 -0.85	38.91 3.04 -0.96	39.53 3.30 -1.81	36.09 3.17 -4.11	43.07 3.88 -5.72	45.22 4.11 -8.23	45.22 4.33 -9.27	40.96 3.75 -10.64	45.98 4.58 -7.97	39.36 3.62 -4.56	36.36 3.14 -1.15	32.85 2.82 -0.33
N SALMON___HYD 24042	30.64 0.92 0.00	26.68 0.68 0.00	27.20 0.87 0.00	26.17 0.69 0.00	24.75 0.79 0.00	25.18 0.83 0.00	23.27 0.74 0.00	24.34 0.89 0.00	26.70 0.88 0.00	26.73 0.80 0.00	28.56 0.86 0.00	29.93 0.81 0.00	32.86 0.80 0.00	35.83 0.91 0.00	35.24 0.82 0.00	29.04 0.23 0.00	33.63 0.17 0.00	32.75 -0.13 0.00	31.59 -0.03 0.00	26.57 0.00 0.00	33.60 0.17 0.00	31.80 0.62 0.00	32.57 0.51 0.00	30.05 0.36 0.00
N.AKRON___115KV_KNAPP 355671	30.25 0.53 0.00	26.08 0.08 0.00	26.60 0.16 -0.11	24.88 -0.61 0.00	23.53 -0.43 0.00	23.70 -0.66 0.00	21.90 -0.63 0.00	22.84 -0.61 0.00	25.03 -0.80 0.00	25.47 -0.54 -0.09	27.27 -0.53 -0.10	28.73 -0.44 -0.05	31.69 -0.58 -0.21	34.39 -0.70 -0.17	34.80 -0.14 -0.52	31.15 0.86 -1.47	36.40 1.07 -1.86	36.71 1.05 -2.78	36.32 1.52 -3.19	31.83 1.43 -3.82	37.70 1.40 -2.86	33.19 0.37 -1.64	32.60 0.13 -0.41	30.05 0.30 -0.05
N.BELMOR_69_KV_BK1 55787	37.33 2.29 -5.33	34.19 2.13 -6.05	29.43 2.08 -1.01	27.52 1.99 -0.05	25.75 1.72 -0.06	26.21 1.85 0.00	24.31 1.78 0.00	25.33 1.88 0.00	28.39 2.04 -0.52	33.29 2.13 -5.23	40.36 2.22 -10.44	40.72 2.27 -9.34	41.76 2.40 -7.30	43.18 2.65 -5.61	43.45 2.68 -6.35	44.05 2.48 -12.76	53.50 3.08 -16.95	55.33 3.22 -19.22	56.14 2.72 -21.80	54.71 1.99 -26.15	55.16 2.14 -19.59	44.30 1.90 -11.21	41.03 2.37 -6.60	38.15 2.41 -6.05
N.E._GEN_SANDY PD 24062	39.80 1.37 -8.72	40.50 1.33 -13.17	40.40 1.29 -12.77	38.10 1.25 -11.37	40.50 1.10 -15.44	41.00 1.15 -15.50	39.10 1.10 -15.47	38.48 1.10 -13.93	41.60 1.24 -14.53	43.60 1.27 -16.40	41.94 1.41 -12.83	40.70 1.46 -10.13	44.17 1.57 -10.55	44.20 1.71 -7.57	44.86 1.72 -8.73	48.92 1.55 -18.55	58.55 1.74 -23.35	61.08 1.84 -26.36	63.45 1.61 -30.22	64.09 1.28 -36.24	59.41 1.57 -24.41	50.81 1.34 -18.29	48.46 1.41 -14.99	43.00 1.43 -11.88

N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	31.26 1.55 0.00	27.46 1.46 0.00	28.46 1.40 -0.73	26.79 1.27 -0.03	25.06 1.10 0.00	25.48 1.12 0.00	23.63 1.10 0.00	24.60 1.15 0.00	27.17 1.34 0.00	27.95 1.43 -0.59	30.00 1.63 -0.67	31.10 1.63 -0.36	35.12 1.70 -1.37	37.87 1.85 -1.10	39.71 1.86 -3.44	40.30 1.79 -9.71	47.95 2.24 -12.24	53.48 2.27 -18.33	54.60 1.96 -21.02	53.30 1.51 -25.21	54.16 1.84 -18.89	43.39 1.40 -10.81	36.30 1.51 -2.74	31.57 1.51 -0.36
N.QUEENS_27_KV_LOAD 356247	31.62 1.90 -0.01	27.78 1.77 0.00	28.72 1.63 -0.75	26.97 1.45 -0.03	25.27 1.32 0.00	25.62 1.27 0.00	23.72 1.19 0.00	24.62 1.17 0.00	27.22 1.39 0.00	28.05 1.50 -0.61	30.11 1.72 -0.69	31.17 1.69 -0.37	35.27 1.80 -1.42	38.02 1.96 -1.14	39.94 1.96 -3.57	40.75 1.87 -10.07	48.67 2.51 -12.69	54.46 2.56 -19.01	55.57 2.15 -21.79	54.36 1.65 -26.14	54.99 1.97 -19.59	43.73 1.34 -11.21	36.49 1.60 -2.83	31.88 1.81 -0.37
N.TROY___115KV_TB1 355778	31.29 1.57 0.00	27.44 1.43 0.00	29.73 1.45 -1.95	26.92 1.35 -0.08	25.16 1.20 0.00	25.60 1.24 0.00	23.75 1.22 0.00	24.65 1.20 0.00	36.91 1.37 -9.71	42.38 1.45 -15.00	32.55 1.58 -3.28	34.59 1.66 -3.82	48.46 1.80 -14.61	55.25 1.96 -18.37	67.77 1.96 -31.39	84.11 1.73 -53.57	102.73 1.97 -67.29	83.95 1.87 -49.20	89.82 1.80 -56.40	95.70 1.49 -67.64	85.98 1.87 -50.68	61.84 1.65 -29.01	41.10 1.70 -7.34	32.29 1.63 -0.96
NARROWS_GT1_1 24228	31.56 1.84 0.00	27.85 1.85 0.00	28.80 1.71 -0.75	27.12 1.61 -0.03	25.35 1.39 0.00	25.72 1.36 0.00	23.86 1.33 0.00	24.81 1.36 0.00	27.43 1.60 0.00	28.25 1.71 -0.61	30.33 1.94 -0.69	31.43 1.95 -0.37	35.62 2.15 -1.42	38.33 2.27 -1.14	40.25 2.27 -3.57	41.01 2.13 -10.07	49.04 2.88 -12.69	54.75 2.86 -19.01	55.88 2.47 -21.79	54.63 1.91 -26.14	55.29 2.27 -19.59	44.07 1.68 -11.21	36.82 1.92 -2.84	32.03 1.96 -0.37
NARROWS_GT1_2 24229	31.56 1.84 0.00	27.85 1.85 0.00	28.80 1.71 -0.75	27.12 1.61 -0.03	25.35 1.39 0.00	25.72 1.36 0.00	23.86 1.33 0.00	24.81 1.36 0.00	27.43 1.60 0.00	28.25 1.71 -0.61	30.33 1.94 -0.69	31.43 1.95 -0.37	35.62 2.15 -1.42	38.33 2.27 -1.14	40.25 2.27 -3.57	41.01 2.13 -10.07	49.04 2.88 -12.69	54.75 2.86 -19.01	55.88 2.47 -21.79	54.63 1.91 -26.14	55.29 2.27 -19.59	44.07 1.68 -11.21	36.82 1.92 -2.84	32.03 1.96 -0.37
NARROWS_GT1_3 24230	31.56 1.84 0.00	27.85 1.85 0.00	28.80 1.71 -0.75	27.12 1.61 -0.03	25.35 1.39 0.00	25.72 1.36 0.00	23.86 1.33 0.00	24.81 1.36 0.00	27.43 1.60 0.00	28.25 1.71 -0.61	30.33 1.94 -0.69	31.43 1.95 -0.37	35.62 2.15 -1.42	38.33 2.27 -1.14	40.25 2.27 -3.57	41.01 2.13 -10.07	49.04 2.88 -12.69	54.75 2.86 -19.01	55.88 2.47 -21.79	54.63 1.91 -26.14	55.29 2.27 -19.59	44.07 1.68 -11.21	36.82 1.92 -2.84	32.03 1.96 -0.37
NARROWS_GT1_4 24231	31.56 1.84 0.00	27.85 1.85 0.00	28.80 1.71 -0.75	27.12 1.61 -0.03	25.35 1.39 0.00	25.72 1.36 0.00	23.86 1.33 0.00	24.81 1.36 0.00	27.43 1.60 0.00	28.25 1.71 -0.61	30.33 1.94 -0.69	31.43 1.95 -0.37	35.62 2.15 -1.42	38.33 2.27 -1.14	40.25 2.27 -3.57	41.01 2.13 -10.07	49.04 2.88 -12.69	54.75 2.86 -19.01	55.88 2.47 -21.79	54.63 1.91 -26.14	55.29 2.27 -19.59	44.07 1.68 -11.21	36.82 1.92 -2.84	32.03 1.96 -0.37
NARROWS_GT1_5 24232	31.56 1.84 0.00	27.85 1.85 0.00	28.80 1.71 -0.75	27.12 1.61 -0.03	25.35 1.39 0.00	25.72 1.36 0.00	23.86 1.33 0.00	24.81 1.36 0.00	27.43 1.60 0.00	28.25 1.71 -0.61	30.33 1.94 -0.69	31.43 1.95 -0.37	35.62 2.15 -1.42	38.33 2.27 -1.14	40.25 2.27 -3.57	41.01 2.13 -10.07	49.04 2.88 -12.69	54.75 2.86 -19.01	55.88 2.47 -21.79	54.63 1.91 -26.14	55.29 2.27 -19.59	44.07 1.68 -11.21	36.82 1.92 -2.84	32.03 1.96 -0.37
NARROWS_GT1_6 24233	31.56 1.84 0.00	27.85 1.85 0.00	28.80 1.71 -0.75	27.12 1.61 -0.03	25.35 1.39 0.00	25.72 1.36 0.00	23.86 1.33 0.00	24.81 1.36 0.00	27.43 1.60 0.00	28.25 1.71 -0.61	30.33 1.94 -0.69	31.43 1.95 -0.37	35.62 2.15 -1.42	38.33 2.27 -1.14	40.25 2.27 -3.57	41.01 2.13 -10.07	49.04 2.88 -12.69	54.75 2.86 -19.01	55.88 2.47 -21.79	54.63 1.91 -26.14	55.29 2.27 -19.59	44.07 1.68 -11.21	36.82 1.92 -2.84	32.03 1.96 -0.37
NARROWS_GT1_7 24234	31.56 1.84 0.00	27.85 1.85 0.00	28.80 1.71 -0.75	27.12 1.61 -0.03	25.35 1.39 0.00	25.72 1.36 0.00	23.86 1.33 0.00	24.81 1.36 0.00	27.43 1.60 0.00	28.25 1.71 -0.61	30.33 1.94 -0.69	31.43 1.95 -0.37	35.62 2.15 -1.42	38.33 2.27 -1.14	40.25 2.27 -3.57	41.01 2.13 -10.07	49.04 2.88 -12.69	54.75 2.86 -19.01	55.88 2.47 -21.79	54.63 1.91 -26.14	55.29 2.27 -19.59	44.07 1.68 -11.21	36.82 1.92 -2.84	32.03 1.96 -0.37
NARROWS_GT1_8 24235	31.56 1.84 0.00	27.85 1.85 0.00	28.80 1.71 -0.75	27.12 1.61 -0.03	25.35 1.39 0.00	25.72 1.36 0.00	23.86 1.33 0.00	24.81 1.36 0.00	27.43 1.60 0.00	28.25 1.71 -0.61	30.33 1.94 -0.69	31.43 1.95 -0.37	35.62 2.15 -1.42	38.33 2.27 -1.14	40.25 2.27 -3.57	41.01 2.13 -10.07	49.04 2.88 -12.69	54.75 2.86 -19.01	55.88 2.47 -21.79	54.63 1.91 -26.14	55.29 2.27 -19.59	44.07 1.68 -11.21	36.82 1.92 -2.84	32.03 1.96 -0.37
NARROWS_GT2_1 24236	31.56 1.84 0.00	27.85 1.85 0.00	28.80 1.71 -0.75	27.12 1.61 -0.03	25.35 1.39 0.00	25.72 1.36 0.00	23.86 1.33 0.00	24.81 1.36 0.00	27.43 1.60 0.00	28.25 1.71 -0.61	30.33 1.94 -0.69	31.43 1.95 -0.37	35.62 2.15 -1.42	38.33 2.27 -1.14	40.25 2.27 -3.57	41.01 2.13 -10.07	49.04 2.88 -12.69	54.75 2.86 -19.01	55.88 2.47 -21.79	54.63 1.91 -26.14	55.29 2.27 -19.59	44.07 1.68 -11.21	36.82 1.92 -2.84	32.03 1.96 -0.37
NARROWS_GT2_2 24237	31.56 1.84 0.00	27.85 1.85 0.00	28.80 1.71 -0.75	27.12 1.61 -0.03	25.35 1.39 0.00	25.72 1.36 0.00	23.86 1.33 0.00	24.81 1.36 0.00	27.43 1.60 0.00	28.25 1.71 -0.61	30.33 1.94 -0.69	31.43 1.95 -0.37	35.62 2.15 -1.42	38.33 2.27 -1.14	40.25 2.27 -3.57	41.01 2.13 -10.07	49.04 2.88 -12.69	54.75 2.86 -19.01	55.88 2.47 -21.79	54.63 1.91 -26.14	55.29 2.27 -19.59	44.07 1.68 -11.21	36.82 1.92 -2.84	32.03 1.96 -0.37
NARROWS_GT2_3 24238	31.56 1.84 0.00	27.85 1.85 0.00	28.80 1.71 -0.75	27.12 1.61 -0.03	25.35 1.39 0.00	25.72 1.36 0.00	23.86 1.33 0.00	24.81 1.36 0.00	27.43 1.60 0.00	28.25 1.71 -0.61	30.33 1.94 -0.69	31.43 1.95 -0.37	35.62 2.15 -1.42	38.33 2.27 -1.14	40.25 2.27 -3.57	41.01 2.13 -10.07	49.04 2.88 -12.69	54.75 2.86 -19.01	55.88 2.47 -21.79	54.63 1.91 -26.14	55.29 2.27 -19.59	44.07 1.68 -11.21	36.82 1.92 -2.84	32.03 1.96 -0.37
NARROWS_GT2_4 24239	31.56 1.84 0.00	27.85 1.85 0.00	28.80 1.71 -0.75	27.12 1.61 -0.03	25.35 1.39 0.00	25.72 1.36 0.00	23.86 1.33 0.00	24.81 1.36 0.00	27.43 1.60 0.00	28.25 1.71 -0.61	30.33 1.94 -0.69	31.43 1.95 -0.37	35.62 2.15 -1.42	38.33 2.27 -1.14	40.25 2.27 -3.57	41.01 2.13 -10.07	49.04 2.88 -12.69	54.75 2.86 -19.01	55.88 2.47 -21.79	54.63 1.91 -26.14	55.29 2.27 -19.59	44.07 1.68 -11.21	36.82 1.92 -2.84	32.03 1.96 -0.37

NARROWS_GT2_5 24240	31.56 1.84 0.00	27.85 1.85 0.00	28.80 1.71 -0.75	27.12 1.61 -0.03	25.35 1.39 0.00	25.72 1.36 0.00	23.86 1.33 0.00	24.81 1.36 0.00	27.43 1.60 0.00	28.25 1.71 -0.61	30.33 1.94 -0.69	31.43 1.95 -0.37	35.62 2.15 -1.42	38.33 2.27 -1.14	40.25 2.27 -3.57	41.01 2.13 -10.07	49.04 2.88 -12.69	54.75 2.86 -19.01	55.88 2.47 -21.79	54.63 1.91 -26.14	55.29 2.27 -19.59	44.07 1.68 -11.21	36.82 1.92 -2.84	32.03 1.96 -0.37
NARROWS_GT2_6 24241	31.56 1.84 0.00	27.85 1.85 0.00	28.80 1.71 -0.75	27.12 1.61 -0.03	25.35 1.39 0.00	25.72 1.36 0.00	23.86 1.33 0.00	24.81 1.36 0.00	27.43 1.60 0.00	28.25 1.71 -0.61	30.33 1.94 -0.69	31.43 1.95 -0.37	35.62 2.15 -1.42	38.33 2.27 -1.14	40.25 2.27 -3.57	41.01 2.13 -10.07	49.04 2.88 -12.69	54.75 2.86 -19.01	55.88 2.47 -21.79	54.63 1.91 -26.14	55.29 2.27 -19.59	44.07 1.68 -11.21	36.82 1.92 -2.84	32.03 1.96 -0.37
NARROWS_GT2_7 24242	31.56 1.84 0.00	27.85 1.85 0.00	28.80 1.71 -0.75	27.12 1.61 -0.03	25.35 1.39 0.00	25.72 1.36 0.00	23.86 1.33 0.00	24.81 1.36 0.00	27.43 1.60 0.00	28.25 1.71 -0.61	30.33 1.94 -0.69	31.43 1.95 -0.37	35.62 2.15 -1.42	38.33 2.27 -1.14	40.25 2.27 -3.57	41.01 2.13 -10.07	49.04 2.88 -12.69	54.75 2.86 -19.01	55.88 2.47 -21.79	54.63 1.91 -26.14	55.29 2.27 -19.59	44.07 1.68 -11.21	36.82 1.92 -2.84	32.03 1.96 -0.37
NARROWS_GT2_8 24243	31.56 1.84 0.00	27.85 1.85 0.00	28.80 1.71 -0.75	27.12 1.61 -0.03	25.35 1.39 0.00	25.72 1.36 0.00	23.86 1.33 0.00	24.81 1.36 0.00	27.43 1.60 0.00	28.25 1.71 -0.61	30.33 1.94 -0.69	31.43 1.95 -0.37	35.62 2.15 -1.42	38.33 2.27 -1.14	40.25 2.27 -3.57	41.01 2.13 -10.07	49.04 2.88 -12.69	54.75 2.86 -19.01	55.88 2.47 -21.79	54.63 1.91 -26.14	55.29 2.27 -19.59	44.07 1.68 -11.21	36.82 1.92 -2.84	32.03 1.96 -0.37
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	31.67 1.96 0.00	27.72 1.72 0.00	29.22 1.66 -1.23	27.17 1.63 -0.05	25.51 1.56 0.00	25.92 1.56 0.00	23.99 1.46 0.00	24.90 1.45 0.00	24.67 1.76 2.91	24.77 1.84 3.00	30.35 1.94 -0.71	30.91 2.04 0.24	33.52 2.37 0.91	34.78 2.58 2.72	36.30 2.58 0.69	39.56 2.19 -8.56	46.97 2.64 -10.86	66.19 2.27 -31.04	69.39 2.18 -35.58	71.11 1.86 -42.68	67.75 2.34 -31.98	51.51 2.03 -18.30	38.65 1.96 -4.63	32.03 1.72 -0.61
NCHELSEA_115KV_TR2 355582	31.61 1.90 0.00	27.75 1.74 0.00	28.78 1.69 -0.76	27.07 1.55 -0.03	25.32 1.37 0.00	25.72 1.36 0.00	23.86 1.33 0.00	24.81 1.36 0.00	27.43 1.60 0.00	28.21 1.66 -0.62	30.28 1.88 -0.70	31.41 1.92 -0.37	35.60 2.12 -1.43	38.41 2.34 -1.15	40.36 2.34 -3.60	41.16 2.19 -10.16	49.03 2.74 -12.82	54.88 2.79 -19.21	56.10 2.47 -22.02	54.94 1.97 -26.41	55.62 2.41 -19.78	44.41 1.90 -11.32	36.85 1.92 -2.87	31.94 1.87 -0.38
NEG CAPITAL___MECHNVIL 23645	31.85 2.14 0.00	27.90 1.90 0.00	30.24 1.79 -2.12	27.31 1.73 -0.09	25.51 1.56 0.00	25.96 1.61 0.00	24.06 1.53 0.00	24.95 1.50 0.00	33.36 1.76 -5.78	37.52 1.87 -9.72	32.56 2.02 -2.84	34.02 2.15 -2.75	44.95 2.37 -10.53	49.94 2.62 -12.40	60.31 2.61 -23.28	75.95 2.28 -44.86	92.59 2.71 -56.42	88.87 2.57 -53.42	95.46 2.59 -61.24	102.26 2.23 -73.45	91.21 2.74 -55.03	65.14 2.46 -31.50	42.54 2.50 -7.98	33.03 2.29 -1.04
NEG CENTRAL_HIGH_ACRES 23767	29.44 -0.27 0.00	25.49 -0.52 0.00	25.48 -0.95 -0.09	24.67 -0.82 0.00	23.19 -0.77 0.00	23.46 -0.90 0.00	21.72 -0.81 0.00	22.61 -0.84 0.00	24.95 -0.88 0.00	25.33 -0.67 -0.07	27.17 -0.61 -0.08	28.57 -0.58 -0.04	31.77 -0.61 -0.32	34.67 -0.66 -0.42	34.76 -0.28 -0.62	30.35 0.37 -1.17	35.72 0.47 -1.79	35.83 0.46 -2.49	35.01 0.63 -2.76	30.22 0.61 -3.03	36.31 0.60 -2.27	32.48 0.00 -1.30	32.10 -0.29 -0.33	29.57 -0.27 -0.14
NEG CENTRAL___DRP 24199	30.04 0.33 0.00	26.11 0.10 0.00	26.59 0.16 -0.10	25.34 -0.15 0.00	23.84 -0.12 0.00	24.19 -0.17 0.00	22.35 -0.18 0.00	23.24 -0.21 0.00	25.59 -0.23 0.00	25.88 -0.13 -0.08	27.76 -0.03 -0.09	29.22 0.06 -0.05	32.80 0.16 -0.59	36.01 0.21 -0.88	35.89 0.48 -0.99	30.94 0.84 -1.30	36.98 1.07 -2.44	37.22 1.15 -3.19	36.39 1.36 -3.41	31.13 1.20 -3.36	37.22 1.27 -2.52	33.40 0.78 -1.44	32.91 0.48 -0.37	30.42 0.42 -0.31
NEG CENTRAL___INDECK 23768	31.11 1.40 0.00	26.81 0.81 0.00	26.73 0.26 -0.13	25.85 0.36 -0.01	24.34 0.38 0.00	24.55 0.19 0.00	22.60 0.07 0.00	23.17 -0.28 0.00	25.26 -0.57 0.00	25.49 -0.55 -0.11	27.13 -0.69 -0.12	27.64 -1.54 -0.07	30.70 -1.60 -0.25	33.45 -1.68 -0.20	33.84 -1.21 -0.63	30.27 -0.32 -1.78	35.58 -0.13 -2.24	36.47 0.23 -3.36	36.42 0.95 -3.85	32.54 1.35 -4.62	38.56 1.67 -3.46	34.00 0.84 -1.98	33.01 0.45 -0.50	30.15 0.39 -0.07
NEG CENTRAL___SENECA 23627	30.31 0.59 0.00	26.29 0.29 0.00	26.81 0.37 -0.11	25.44 -0.05 0.00	23.93 -0.02 0.00	24.26 -0.10 0.00	22.44 -0.09 0.00	23.33 -0.12 0.00	25.67 -0.15 0.00	25.99 -0.03 -0.09	27.86 0.06 -0.10	29.34 0.17 -0.05	32.76 0.29 -0.41	35.81 0.35 -0.54	35.89 0.69 -0.79	31.39 1.12 -1.46	37.13 1.41 -2.26	37.53 1.51 -3.14	36.86 1.77 -3.47	31.90 1.54 -3.79	37.94 1.67 -2.84	33.86 1.06 -1.62	33.18 0.71 -0.41	30.54 0.65 -0.19
NEG CENTRAL___STATE_STREET 24147	30.04 0.33 0.00	26.16 0.16 0.00	26.61 0.18 -0.10	25.41 -0.08 0.00	23.91 -0.05 0.00	24.28 -0.07 0.00	22.42 -0.11 0.00	23.33 -0.12 0.00	25.75 -0.08 0.00	26.06 0.05 -0.08	27.95 0.17 -0.09	29.39 0.23 -0.05	33.20 0.38 -0.76	36.60 0.49 -1.19	36.34 0.72 -1.21	30.95 0.86 -1.27	37.29 1.07 -2.75	37.52 1.18 -3.46	36.49 1.26 -3.61	30.98 1.12 -3.30	37.14 1.24 -2.47	33.47 0.87 -1.41	32.96 0.55 -0.36	30.59 0.48 -0.42
NEG MILLWOOD___DRP 24198	31.67 1.96 0.00	27.80 1.79 0.00	28.86 1.76 -0.77	27.15 1.63 -0.03	25.32 1.37 0.00	25.72 1.36 0.00	23.88 1.35 0.00	24.88 1.43 0.00	27.50 1.68 0.00	28.29 1.74 -0.62	30.45 2.05 -0.70	31.56 2.07 -0.38	35.74 2.24 -1.44	38.73 2.65 -1.16	40.58 2.55 -3.62	41.45 2.42 -10.22	49.30 2.95 -12.89	55.25 3.06 -19.31	56.35 2.59 -22.14	55.17 2.05 -26.55	55.87 2.54 -19.89	44.66 2.09 -11.39	36.93 1.99 -2.88	31.97 1.90 -0.38
NEG NORTH_FLCN_SEA 23793	30.78 1.07 0.00	26.84 0.83 0.00	27.12 0.79 0.00	26.35 0.87 0.00	24.92 0.96 0.00	25.35 1.00 0.00	23.43 0.90 0.00	24.46 1.01 0.00	26.86 1.03 0.00	26.91 0.99 0.00	28.72 1.02 0.00	30.10 0.99 0.00	33.05 0.99 0.00	36.04 1.12 0.00	35.45 1.03 0.00	29.33 0.52 0.00	34.00 0.54 0.00	33.11 0.23 0.00	31.94 0.32 0.00	26.86 0.29 0.00	33.93 0.50 0.00	31.96 0.78 0.00	32.73 0.67 0.00	30.20 0.50 0.00
NEG NORTH_KES_CHATEGAY 23792	30.40 0.68 0.00	26.53 0.52 0.00	26.81 0.47 0.00	26.10 0.61 0.00	24.63 0.67 0.00	25.06 0.71 0.00	23.18 0.65 0.00	24.20 0.75 0.00	26.55 0.72 0.00	26.58 0.65 0.00	28.36 0.66 0.00	29.73 0.61 0.00	32.63 0.58 0.00	35.62 0.70 0.00	35.00 0.59 0.00	28.90 0.09 0.00	33.50 0.03 0.00	32.68 -0.20 0.00	31.49 -0.13 0.00	26.49 -0.08 0.00	33.43 0.00 0.00	31.52 0.34 0.00	32.35 0.29 0.00	29.85 0.15 0.00

NEG NORTH___ALICE_FALLS 23915	30.78 1.07 0.00	26.81 0.81 0.00	27.10 0.76 0.00	26.33 0.84 0.00	24.89 0.93 0.00	25.33 0.97 0.00	23.41 0.88 0.00	24.46 1.01 0.00	26.83 1.01 0.00	26.89 0.96 0.00	28.70 1.00 0.00	30.07 0.96 0.00	33.02 0.96 0.00	36.00 1.08 0.00	35.45 1.03 0.00	29.33 0.52 0.00	34.00 0.54 0.00	33.11 0.23 0.00	31.94 0.32 0.00	26.89 0.32 0.00	33.97 0.53 0.00	31.99 0.81 0.00	32.73 0.67 0.00	30.17 0.48 0.00
NEG NORTH___LWR_SARANAC 23913	30.78 1.07 0.00	26.81 0.81 0.00	27.10 0.76 0.00	26.33 0.84 0.00	24.89 0.93 0.00	25.33 0.97 0.00	23.41 0.88 0.00	24.46 1.01 0.00	26.83 1.01 0.00	26.89 0.96 0.00	28.70 1.00 0.00	30.07 0.96 0.00	33.02 0.96 0.00	36.00 1.08 0.00	35.45 1.03 0.00	29.33 0.52 0.00	34.00 0.54 0.00	33.11 0.23 0.00	31.94 0.32 0.00	26.89 0.32 0.00	33.97 0.53 0.00	31.99 0.81 0.00	32.73 0.67 0.00	30.17 0.48 0.00
NEG NORTH___PLATTSBURG 23628	30.87 1.16 0.00	26.86 0.86 0.00	27.36 1.03 0.00	26.32 0.84 0.00	24.89 0.93 0.00	25.33 0.98 0.00	23.41 0.88 0.00	24.48 1.03 0.00	26.83 1.01 0.00	26.89 0.96 0.00	28.72 1.03 0.00	30.10 0.99 0.00	33.05 0.99 0.00	36.04 1.12 0.00	35.48 1.07 0.00	29.36 0.55 0.00	34.03 0.57 0.00	33.14 0.26 0.00	31.97 0.35 0.00	26.92 0.34 0.00	34.00 0.57 0.00	32.02 0.84 0.00	32.76 0.70 0.00	30.17 0.47 0.00
NEG WEST_LEA_LOCKPORT 23791	29.77 0.06 0.00	25.62 -0.39 0.00	26.19 -0.26 -0.11	24.47 -1.02 0.00	23.14 -0.81 0.00	23.31 -1.05 0.00	21.58 -0.95 0.00	22.51 -0.94 0.00	24.64 -1.19 0.00	25.09 -0.93 -0.09	26.81 -1.00 -0.11	28.24 -0.93 -0.06	31.15 -1.12 -0.22	33.80 -1.29 -0.17	34.20 -0.76 -0.54	30.66 0.32 -1.53	35.80 0.40 -1.93	36.16 0.39 -2.88	35.81 0.89 -3.31	31.41 0.88 -3.96	37.00 0.60 -2.97	32.48 -0.41 -1.70	31.91 -0.58 -0.43	29.49 -0.27 -0.06
NEG WEST___LANCASTR 23811	29.86 0.15 0.00	25.72 -0.29 0.00	26.34 -0.13 -0.14	24.70 -0.79 -0.01	23.29 -0.67 0.00	23.50 -0.85 0.00	21.83 -0.70 0.00	22.65 -0.80 0.00	24.87 -0.96 0.00	25.29 -0.75 -0.11	27.05 -0.78 -0.13	28.48 -0.70 -0.07	31.48 -0.83 -0.26	34.18 -0.94 -0.21	34.65 -0.41 -0.65	31.18 0.55 -1.83	36.47 0.70 -2.30	37.01 0.69 -3.44	36.74 1.17 -3.95	32.37 1.06 -4.73	37.78 0.80 -3.55	33.09 -0.12 -2.03	32.19 -0.38 -0.51	29.67 -0.09 0.07
NEG_PENN_ALLEGHNY 23528	30.25 0.54 0.00	26.32 0.31 0.00	26.68 0.08 -0.27	25.60 0.10 -0.01	24.08 0.12 0.00	24.45 0.10 0.00	22.62 0.09 0.00	23.47 0.02 0.00	25.90 0.08 0.00	26.30 0.16 -0.22	28.16 0.22 -0.24	29.54 0.29 -0.13	33.20 0.39 -0.76	36.21 0.42 -0.86	36.63 0.62 -1.59	33.26 0.89 -3.56	39.53 1.07 -4.99	41.18 1.12 -7.18	40.89 1.20 -8.07	36.86 1.06 -9.23	41.52 1.17 -6.91	35.86 0.72 -3.96	33.57 0.51 -1.00	30.53 0.54 -0.30
NEG___GEN_MONROE 24207	29.83 0.12 0.00	25.85 -0.16 0.00	26.51 0.08 -0.09	25.03 -0.46 0.00	23.53 -0.43 0.00	23.75 -0.61 0.00	22.03 -0.50 0.00	22.91 -0.54 0.00	25.15 -0.67 0.00	25.56 -0.44 -0.07	27.48 -0.30 -0.08	28.87 -0.29 -0.04	31.78 -0.45 -0.17	34.57 -0.49 -0.14	34.81 -0.03 -0.43	30.87 0.84 -1.22	36.05 1.04 -1.54	36.07 0.89 -2.31	35.43 1.17 -2.64	30.80 1.06 -3.17	36.94 1.14 -2.38	32.95 0.41 -1.36	32.53 0.13 -0.34	29.86 0.12 -0.05
NEPA___ENERGY 23901	30.10 0.39 0.00	25.93 -0.08 0.00	26.55 0.08 -0.14	24.90 -0.59 -0.01	23.48 -0.48 0.00	23.72 -0.63 0.00	22.03 -0.50 0.00	22.96 -0.49 0.00	25.18 -0.65 0.00	25.63 -0.41 -0.11	27.38 -0.44 -0.13	28.83 -0.35 -0.07	31.87 -0.45 -0.26	34.57 -0.56 -0.21	35.00 -0.07 -0.65	31.49 0.84 -1.84	36.83 1.04 -2.33	37.38 1.02 -3.48	37.06 1.45 -3.99	32.66 1.30 -4.78	38.15 1.14 -3.58	33.39 0.16 -2.05	32.48 -0.10 -0.52	29.85 0.09 -0.07
NEVERSINK___HYD 23608	30.93 1.22 0.00	27.12 1.12 0.00	28.04 1.00 -0.71	26.43 0.92 -0.03	24.75 0.79 0.00	25.14 0.78 0.00	23.30 0.77 0.00	24.20 0.75 0.00	26.68 0.85 0.00	27.36 0.85 -0.58	29.35 1.00 -0.65	30.45 0.99 -0.35	34.51 1.12 -1.33	37.25 1.26 -1.07	39.07 1.31 -3.35	39.62 1.35 -9.45	47.22 1.84 -11.92	52.78 2.01 -17.89	53.99 1.87 -20.51	52.66 1.49 -24.60	53.66 1.80 -18.43	43.04 1.31 -10.55	36.02 1.28 -2.67	31.29 1.25 -0.35
NEWKRMKL_115KV_TB1 55635	30.66 0.95 0.00	26.92 0.91 0.00	29.02 1.05 -1.63	26.57 1.02 -0.07	24.84 0.89 0.00	25.28 0.93 0.00	23.39 0.86 0.00	24.32 0.87 0.00	22.32 0.90 4.41	22.18 0.99 4.73	29.56 1.00 -0.87	29.68 1.05 0.48	31.37 1.12 1.81	31.67 1.22 4.47	33.52 1.24 2.14	39.79 1.09 -9.89	47.28 1.24 -12.58	75.21 1.22 -41.11	79.82 1.08 -47.13	83.97 0.88 -56.52	76.88 1.10 -42.35	56.36 0.94 -24.24	39.16 0.96 -6.14	31.48 0.98 -0.80
NEWTON___FALLS_HYD 23847	30.13 0.42 0.00	26.40 0.39 0.00	26.73 0.40 0.00	25.92 0.43 0.00	24.46 0.50 0.00	24.84 0.49 0.00	22.91 0.38 0.00	23.76 0.30 0.00	26.08 0.26 0.00	26.14 0.21 0.00	27.95 0.25 0.00	29.38 0.26 0.00	32.55 0.26 -0.24	35.67 0.31 -0.44	35.04 0.31 -0.32	28.67 -0.14 0.00	33.78 -0.17 -0.48	33.19 -0.13 -0.44	32.04 0.06 -0.36	26.65 0.08 0.00	33.63 0.20 0.00	31.84 0.65 0.00	32.57 0.51 0.00	30.36 0.50 -0.16
NGRID_A1_DSASP 323792	29.06 -0.65 0.00	24.92 -1.09 0.00	24.77 -1.69 -0.12	24.16 -1.33 -0.01	22.59 -1.36 0.00	22.77 -1.58 0.00	21.16 -1.38 0.00	21.95 -1.50 0.00	24.17 -1.65 0.00	24.60 -1.43 -0.10	26.26 -1.55 -0.11	27.63 -1.54 -0.06	30.45 -1.83 -0.22	33.04 -2.06 -0.18	33.42 -1.55 -0.55	29.94 -0.43 -1.56	34.93 -0.50 -1.97	35.33 -0.49 -2.94	34.96 -0.03 -3.37	30.75 0.13 -4.05	36.19 -0.27 -3.03	31.64 -1.28 -1.73	31.12 -1.38 -0.44	28.86 -0.89 -0.06
NGRID_A2_DSASP 323793	29.06 -0.65 0.00	24.92 -1.09 0.00	24.77 -1.69 -0.12	24.16 -1.33 -0.01	22.59 -1.36 0.00	22.77 -1.58 0.00	21.16 -1.38 0.00	21.95 -1.50 0.00	24.17 -1.65 0.00	24.60 -1.43 -0.10	26.26 -1.55 -0.11	27.63 -1.54 -0.06	30.45 -1.83 -0.22	33.04 -2.06 -0.18	33.42 -1.55 -0.55	29.94 -0.43 -1.56	34.93 -0.50 -1.97	35.33 -0.49 -2.94	34.96 -0.03 -3.37	30.75 0.13 -4.05	36.19 -0.27 -3.03	31.64 -1.28 -1.73	31.12 -1.38 -0.44	28.86 -0.89 -0.06
NGRID_A4_DSASP 323807	29.09 -0.62 0.00	24.99 -1.01 0.00	25.90 -0.55 -0.12	24.14 -1.35 -0.01	22.59 -1.37 0.00	22.77 -1.58 0.00	21.20 -1.33 0.00	22.09 -1.36 0.00	24.17 -1.65 0.00	24.60 -1.43 -0.10	26.28 -1.52 -0.11	27.69 -1.48 -0.06	30.54 -1.73 -0.22	33.11 -1.99 -0.18	33.49 -1.48 -0.55	30.03 -0.35 -1.56	35.03 -0.40 -1.97	35.40 -0.43 -2.94	35.06 0.06 -3.37	30.80 0.19 -4.05	36.23 -0.23 -3.03	31.73 -1.18 -1.73	31.19 -1.31 -0.44	28.89 -0.86 -0.06
NIAGARA_115E_LBMP 323715	29.33 -0.39 0.00	25.12 -0.88 0.00	24.69 -1.76 -0.12	24.04 -1.45 -0.01	22.81 -1.15 0.00	22.99 -1.36 0.00	21.25 -1.28 0.00	21.97 -1.48 0.00	24.22 -1.60 0.00	24.65 -1.38 -0.10	26.31 -1.50 -0.11	27.69 -1.48 -0.06	30.51 -1.76 -0.22	33.11 -1.99 -0.18	33.49 -1.48 -0.55	30.03 -0.34 -1.56	35.04 -0.40 -1.97	35.44 -0.39 -2.95	35.10 0.10 -3.38	30.87 0.24 -4.06	36.34 -0.13 -3.04	31.77 -1.15 -1.74	31.25 -1.25 -0.44	28.89 -0.86 -0.06

NIAGARA_115W_LBMP 323714	29.00 -0.71 0.00	24.84 -1.17 0.00	24.71 -1.74 -0.12	24.11 -1.38 -0.01	22.52 -1.44 0.00	22.70 -1.66 0.00	21.11 -1.42 0.00	21.88 -1.57 0.00	24.12 -1.71 0.00	24.55 -1.48 -0.09	26.20 -1.61 -0.11	27.54 -1.63 -0.06	30.35 -1.92 -0.22	32.93 -2.17 -0.18	33.31 -1.65 -0.55	29.85 -0.52 -1.56	34.83 -0.60 -1.96	35.23 -0.59 -2.94	34.83 -0.16 -3.37	30.64 0.03 -4.04	36.09 -0.37 -3.03	31.54 -1.37 -1.73	31.02 -1.47 -0.44	28.77 -0.98 -0.06
NIAGARA_230_LBMP 323716	29.39 -0.33 0.00	25.17 -0.83 0.00	24.92 -1.53 -0.11	24.27 -1.22 0.00	22.86 -1.10 0.00	23.04 -1.32 0.00	21.40 -1.13 0.00	22.21 -1.24 0.00	24.46 -1.37 0.00	24.88 -1.14 -0.09	26.56 -1.25 -0.11	27.95 -1.22 -0.06	30.80 -1.47 -0.22	33.42 -1.68 -0.17	33.75 -1.21 -0.54	30.26 -0.09 -1.53	35.30 -0.10 -1.93	35.67 -0.10 -2.89	35.25 0.32 -3.32	30.97 0.42 -3.98	36.55 0.13 -2.98	31.98 -0.91 -1.71	31.47 -1.03 -0.43	29.10 -0.65 -0.06
NIAGARA__115KV_198_GIBSON 55903	29.00 -0.71 0.00	24.94 -1.07 0.00	25.82 -0.63 -0.12	24.09 -1.40 -0.01	22.52 -1.44 0.00	22.70 -1.66 0.00	21.13 -1.40 0.00	22.02 -1.43 0.00	24.12 -1.70 0.00	24.55 -1.48 -0.09	26.23 -1.58 -0.11	27.63 -1.54 -0.06	30.45 -1.83 -0.22	33.00 -2.10 -0.18	33.38 -1.58 -0.55	29.94 -0.43 -1.56	34.93 -0.50 -1.96	35.29 -0.53 -2.94	34.96 -0.03 -3.37	30.72 0.11 -4.04	36.12 -0.33 -3.03	31.63 -1.28 -1.73	31.12 -1.38 -0.44	28.80 -0.95 -0.06
NIAGARA____ 23760	29.12 -0.59 0.00	24.94 -1.07 0.00	24.71 -1.74 -0.12	24.06 -1.43 -0.01	22.62 -1.34 0.00	22.82 -1.53 0.00	21.18 -1.35 0.00	22.00 -1.45 0.00	24.25 -1.58 0.00	24.67 -1.35 -0.09	26.34 -1.47 -0.11	27.72 -1.45 -0.06	30.54 -1.73 -0.22	33.14 -1.95 -0.18	33.52 -1.44 -0.55	30.02 -0.34 -1.56	35.02 -0.40 -1.96	35.45 -0.36 -2.93	35.04 0.06 -3.36	30.81 0.21 -4.03	36.25 -0.20 -3.02	31.73 -1.18 -1.73	31.21 -1.28 -0.44	28.83 -0.92 -0.06
NINE_MILE_1 23575	28.85 -0.86 0.00	25.20 -0.81 0.00	25.39 -0.95 0.00	24.59 -0.89 0.00	23.14 -0.81 0.00	23.50 -0.85 0.00	21.74 -0.79 0.00	22.61 -0.84 0.00	24.92 -0.90 0.00	25.07 -0.86 0.00	26.79 -0.91 0.00	28.18 -0.93 0.00	27.51 -0.99 3.55	27.41 -1.05 6.46	28.83 -0.93 4.66	28.20 -0.61 0.00	25.74 -0.67 7.06	25.69 -0.66 6.54	25.77 -0.57 5.28	26.12 -0.45 0.00	32.83 -0.60 0.00	30.43 -0.75 0.00	31.20 -0.86 0.00	26.56 -0.83 2.31
NINE_MILE_2 23744	28.85 -0.86 0.00	25.20 -0.81 0.00	25.41 -0.92 0.00	24.59 -0.89 0.00	23.14 -0.81 0.00	23.50 -0.85 0.00	21.74 -0.79 0.00	22.61 -0.84 0.00	24.92 -0.90 0.00	25.07 -0.86 0.00	26.79 -0.91 0.00	28.18 -0.93 0.00	27.45 -0.99 3.61	27.31 -1.05 6.56	28.76 -0.93 4.73	28.20 -0.61 0.00	25.63 -0.67 7.17	25.59 -0.66 6.63	25.69 -0.57 5.36	26.12 -0.45 0.00	32.83 -0.60 0.00	30.43 -0.75 0.00	31.20 -0.86 0.00	26.53 -0.83 2.34
NM_CAPITAL____DRP 24208	30.75 1.04 0.00	26.99 0.99 0.00	29.05 1.11 -1.61	26.60 1.04 -0.07	24.89 0.93 0.00	25.33 0.97 0.00	23.43 0.90 0.00	24.34 0.89 0.00	21.24 0.96 5.55	20.64 1.01 6.30	29.44 1.05 -0.68	29.40 1.11 0.82	30.14 1.19 3.10	29.93 1.29 6.28	30.96 1.31 4.77	36.51 1.15 -6.55	43.17 1.31 -8.40	74.86 1.28 -40.70	79.41 1.14 -46.66	83.46 0.93 -55.96	76.53 1.17 -41.93	56.18 1.00 -24.00	39.19 1.06 -6.08	31.53 1.04 -0.79
NM_CENTRAL____DRP 24181	29.45 -0.27 0.00	25.69 -0.31 0.00	26.08 -0.32 -0.06	25.00 -0.48 0.00	23.57 -0.38 0.00	23.92 -0.44 0.00	22.12 -0.41 0.00	23.01 -0.45 0.00	25.36 -0.46 0.00	25.59 -0.39 -0.05	27.37 -0.39 -0.06	28.79 -0.35 -0.03	32.23 -0.29 -0.46	35.36 -0.28 -0.72	35.02 -0.14 -0.74	29.77 0.14 -0.81	35.38 0.20 -1.71	35.31 0.26 -2.17	34.20 0.32 -2.27	28.97 0.29 -2.10	35.31 0.30 -1.57	32.11 0.03 -0.90	32.10 -0.19 -0.23	29.74 -0.21 -0.25
NM_FRONTIER____DRP 24179	29.00 -0.71 0.00	24.94 -1.07 0.00	25.82 -0.63 -0.12	24.09 -1.40 -0.01	22.52 -1.44 0.00	22.70 -1.66 0.00	21.13 -1.40 0.00	22.02 -1.43 0.00	24.12 -1.70 0.00	24.55 -1.48 -0.09	26.23 -1.58 -0.11	27.63 -1.54 -0.06	30.45 -1.83 -0.22	33.00 -2.10 -0.18	33.38 -1.58 -0.55	29.94 -0.43 -1.56	34.93 -0.50 -1.96	35.29 -0.53 -2.94	34.96 -0.03 -3.37	30.72 0.11 -4.04	36.12 -0.33 -3.03	31.63 -1.28 -1.73	31.12 -1.38 -0.44	28.80 -0.95 -0.06
NM_ST_REGIS____HYD 24053	29.98 0.27 0.00	26.32 0.31 0.00	26.62 0.29 0.00	25.94 0.46 0.00	24.48 0.53 0.00	24.89 0.54 0.00	23.00 0.47 0.00	23.97 0.52 0.00	26.32 0.49 0.00	26.34 0.41 0.00	28.11 0.42 0.00	29.49 0.38 0.00	32.42 0.26 -0.11	35.44 0.31 -0.21	34.77 0.21 -0.15	28.23 -0.58 0.00	32.95 -0.74 -0.22	32.17 -0.92 -0.21	31.00 -0.79 -0.17	25.93 -0.64 0.00	32.80 -0.64 0.00	31.40 0.22 0.00	32.22 0.16 0.00	29.98 0.21 -0.07
NORTHPORT____1 23551	37.48 2.44 -5.33	34.34 2.29 -6.05	29.53 2.18 -1.01	27.68 2.14 -0.05	25.89 1.87 -0.06	26.36 2.00 -0.01	24.45 1.91 -0.01	25.48 2.02 -0.01	28.57 2.22 -0.52	33.45 2.28 -5.23	40.58 2.44 -10.44	40.93 2.36 -9.46	41.85 2.37 -7.42	42.93 2.38 -5.63	43.14 2.37 -6.35	43.80 2.16 -12.83	53.16 2.74 -16.95	55.20 2.83 -19.50	55.86 2.43 -21.80	54.42 1.70 -26.15	54.66 1.64 -19.59	43.89 1.50 -11.21	41.06 2.41 -6.60	38.24 2.49 -6.05
NORTHPORT____2 23552	37.48 2.44 -5.33	34.34 2.29 -6.05	29.53 2.18 -1.01	27.68 2.14 -0.05	25.89 1.87 -0.06	26.36 2.00 -0.01	24.45 1.91 -0.01	25.48 2.02 -0.01	28.57 2.22 -0.52	33.45 2.28 -5.23	40.58 2.44 -10.44	40.93 2.36 -9.46	41.85 2.37 -7.42	42.93 2.38 -5.63	43.14 2.37 -6.35	43.80 2.16 -12.83	53.16 2.74 -16.95	55.20 2.83 -19.50	55.86 2.43 -21.80	54.42 1.70 -26.15	54.66 1.64 -19.59	43.89 1.50 -11.21	41.06 2.41 -6.60	38.24 2.49 -6.05
NORTHPORT____3 23553	37.36 2.32 -5.33	34.21 2.16 -6.05	29.40 2.06 -1.01	27.58 2.04 -0.05	25.79 1.77 -0.06	26.27 1.90 -0.01	24.36 1.82 -0.01	25.38 1.92 -0.01	28.44 2.09 -0.52	33.34 2.18 -5.23	40.55 2.41 -10.44	41.07 2.50 -9.45	42.13 2.66 -7.42	43.37 2.83 -5.63	43.60 2.82 -6.36	44.24 2.59 -12.84	53.67 3.25 -16.96	55.74 3.36 -19.50	56.39 2.97 -21.80	54.90 2.18 -26.15	55.26 2.24 -19.59	44.36 1.97 -11.21	41.16 2.50 -6.60	38.21 2.46 -6.05
NORTHPORT____4 23650	37.36 2.32 -5.33	34.21 2.16 -6.05	29.40 2.06 -1.01	27.58 2.04 -0.05	25.79 1.77 -0.06	26.27 1.90 -0.01	24.36 1.82 -0.01	25.38 1.92 -0.01	28.44 2.09 -0.52	33.34 2.18 -5.23	40.55 2.41 -10.44	41.07 2.50 -9.45	42.13 2.66 -7.42	43.37 2.83 -5.63	43.60 2.82 -6.36	44.24 2.59 -12.84	53.67 3.25 -16.96	55.74 3.36 -19.50	56.39 2.97 -21.80	54.90 2.18 -26.15	55.26 2.24 -19.59	44.36 1.97 -11.21	41.16 2.50 -6.60	38.21 2.46 -6.05
NORTHPORT____IC 23718	37.48 2.44 -5.33	34.34 2.29 -6.05	29.53 2.18 -1.01	27.68 2.14 -0.05	25.89 1.87 -0.06	26.36 2.00 -0.01	24.45 1.91 -0.01	25.48 2.02 -0.01	28.57 2.22 -0.52	33.45 2.28 -5.23	40.58 2.44 -10.44	40.93 2.36 -9.46	41.85 2.37 -7.42	42.93 2.38 -5.63	43.14 2.37 -6.35	43.80 2.16 -12.83	53.16 2.74 -16.95	55.20 2.83 -19.50	55.86 2.43 -21.80	54.42 1.70 -26.15	54.66 1.64 -19.59	43.89 1.50 -11.21	41.06 2.41 -6.60	38.24 2.49 -6.05

NORTH____COUNTRY_ESR 323785	30.40 0.68 0.00	26.50 0.49 0.00	27.02 0.68 0.00	26.02 0.54 0.00	24.56 0.60 0.00	24.99 0.63 0.00	23.12 0.58 0.00	24.15 0.70 0.00	26.52 0.70 0.00	26.55 0.62 0.00	28.34 0.64 0.00	29.73 0.61 0.00	32.63 0.58 0.00	35.58 0.66 0.00	34.96 0.55 0.00	28.87 0.06 0.00	33.47 0.00 0.00	32.62 -0.26 0.00	31.43 -0.19 0.00	26.44 -0.13 0.00	33.33 -0.10 0.00	31.43 0.25 0.00	32.25 0.19 0.00	29.76 0.06 0.00
NPX_GEN_1385_PROXY 323591	37.48 2.44 -5.33	34.34 2.29 -6.05	29.53 2.18 -1.01	27.68 2.14 -0.05	25.89 1.87 -0.06	26.36 2.00 -0.01	24.45 1.91 -0.01	25.48 2.02 -0.01	28.57 2.22 -0.52	33.45 2.28 -5.23	40.58 2.44 -10.44	40.93 2.36 -9.46	41.85 2.37 -7.42	42.93 2.38 -5.63	43.14 2.37 -6.35	43.80 2.16 -12.83	53.16 2.74 -16.95	55.20 2.83 -19.50	55.86 2.43 -21.80	54.42 1.70 -26.15	51.91 1.64 -16.84	46.64 1.50 -13.96	41.06 2.41 -6.60	38.24 2.49 -6.05
NPX_GEN_CSC 323557	38.19 3.15 -5.33	34.97 2.91 -6.05	30.17 2.82 -1.01	28.26 2.73 -0.05	26.46 2.44 -0.06	26.90 2.53 -0.01	24.95 2.41 -0.01	25.99 2.53 -0.01	29.19 2.84 -0.52	34.09 2.93 -5.23	41.42 3.27 -10.45	46.08 3.23 -13.73	47.08 3.43 -11.59	44.90 3.49 -6.49	44.10 3.34 -6.35	47.11 3.05 -15.25	54.23 3.81 -16.95	65.78 3.94 -28.95	56.96 3.54 -21.80	55.32 2.61 -26.15	52.88 2.61 -16.84	47.76 2.62 -13.96	42.09 3.43 -6.60	39.05 3.30 -6.05
NSINS_S_GLNS_FALLS 23858	32.51 2.79 0.00	28.43 2.42 0.00	30.90 2.37 -2.19	27.75 2.17 -0.09	25.90 1.94 0.00	26.35 2.00 0.00	24.45 1.92 0.00	25.35 1.90 0.00	31.78 2.25 -3.71	35.27 2.41 -6.92	32.80 2.49 -2.60	33.97 2.68 -2.18	43.36 2.95 -8.35	47.34 3.18 -9.24	56.39 3.03 -18.95	71.55 2.62 -40.12	87.13 3.18 -50.49	91.23 2.99 -55.36	98.37 3.29 -63.46	105.71 3.03 -76.11	94.17 3.71 -57.02	67.22 3.40 -32.64	43.66 3.33 -8.26	33.78 3.00 -1.08
NUCOR_STEEL____DRP 24197	30.10 0.39 0.00	26.27 0.26 0.00	26.72 0.29 -0.09	25.51 0.03 0.00	24.01 0.05 0.00	24.38 0.02 0.00	22.49 -0.05 0.00	23.40 -0.05 0.00	25.80 -0.03 0.00	26.08 0.08 -0.07	27.98 0.19 -0.08	29.42 0.26 -0.04	33.27 0.42 -0.79	36.68 0.49 -1.27	36.38 0.72 -1.25	30.86 0.84 -1.21	37.30 1.07 -2.77	37.46 1.15 -3.43	36.40 1.23 -3.54	30.80 1.09 -3.14	36.99 1.20 -2.35	33.40 0.87 -1.35	32.98 0.58 -0.34	30.68 0.53 -0.45
NUMBER_THREE_WT_PWR 323818	30.48 0.77 0.00	26.58 0.57 0.00	26.91 0.58 0.00	25.97 0.48 0.00	24.51 0.55 0.00	24.89 0.54 0.00	22.94 0.41 0.00	23.71 0.26 0.00	26.06 0.23 0.00	26.14 0.21 0.00	28.00 0.31 0.00	29.49 0.38 0.00	32.87 0.51 -0.31	36.07 0.59 -0.56	35.50 0.69 -0.40	29.33 0.52 0.00	34.74 0.67 -0.61	34.26 0.82 -0.56	33.09 1.01 -0.45	27.45 0.88 0.00	34.57 1.14 0.00	32.30 1.12 0.00	32.99 0.93 0.00	30.70 0.80 -0.20
NYISO_LBMP_REFERENCE 24008	29.71 0.00 0.00	26.01 0.00 0.00	26.33 0.00 0.00	25.48 0.00 0.00	23.96 0.00 0.00	24.36 0.00 0.00	22.53 0.00 0.00	23.45 0.00 0.00	25.83 0.00 0.00	25.93 0.00 0.00	27.70 0.00 0.00	29.11 0.00 0.00	32.05 0.00 0.00	34.92 0.00 0.00	34.41 0.00 0.00	28.81 0.00 0.00	33.47 0.00 0.00	32.88 0.00 0.00	31.62 0.00 0.00	26.57 0.00 0.00	33.43 0.00 0.00	31.18 0.00 0.00	32.06 0.00 0.00	29.70 0.00 0.00
NYPA_BRENTWD____GT 24164	37.92 2.88 -5.33	34.71 2.65 -6.05	29.88 2.53 -1.01	28.01 2.47 -0.05	26.20 2.18 -0.06	26.65 2.29 -0.01	24.72 2.18 -0.01	25.73 2.27 -0.01	28.88 2.53 -0.52	33.78 2.62 -5.23	41.00 2.85 -10.44	42.30 2.88 -10.30	43.31 3.01 -8.25	43.87 3.14 -5.80	43.93 3.16 -6.35	45.00 2.88 -13.31	54.03 3.62 -16.95	57.83 3.58 -21.37	56.61 3.19 -21.80	55.06 2.34 -26.15	55.40 2.37 -19.59	44.64 2.25 -11.21	41.67 3.01 -6.60	38.72 2.97 -6.05
NYPA_GOWANUS____GT5 24156	31.56 1.84 0.00	27.85 1.85 0.00	28.80 1.71 -0.75	27.12 1.61 -0.03	25.35 1.39 0.00	25.72 1.36 0.00	23.86 1.33 0.00	24.81 1.36 0.00	27.43 1.60 0.00	28.25 1.71 -0.61	30.33 1.94 -0.69	31.43 1.95 -0.37	35.62 2.15 -1.42	38.33 2.27 -1.14	40.25 2.27 -3.57	41.01 2.13 -10.07	49.00 2.84 -12.69	54.75 2.86 -19.01	55.88 2.47 -21.79	54.63 1.91 -26.14	55.26 2.24 -19.59	44.07 1.68 -11.21	36.82 1.92 -2.84	32.03 1.96 -0.37
NYPA_GOWANUS____GT6 24157	31.56 1.84 0.00	27.85 1.85 0.00	28.80 1.71 -0.75	27.12 1.61 -0.03	25.35 1.39 0.00	25.72 1.36 0.00	23.86 1.33 0.00	24.81 1.36 0.00	27.43 1.60 0.00	28.25 1.71 -0.61	30.33 1.94 -0.69	31.43 1.95 -0.37	35.62 2.15 -1.42	38.33 2.27 -1.14	40.25 2.27 -3.57	41.01 2.13 -10.07	49.00 2.84 -12.69	54.75 2.86 -19.01	55.88 2.47 -21.79	54.63 1.91 -26.14	55.26 2.24 -19.59	44.07 1.68 -11.21	36.82 1.92 -2.84	32.03 1.96 -0.37
NYPA_HARLEM_RVR_GT1 24160	31.50 1.78 -0.01	27.72 1.72 0.00	28.64 1.55 -0.75	26.97 1.45 -0.03	25.25 1.29 0.00	25.60 1.24 0.00	23.70 1.17 0.00	24.61 1.17 0.01	27.19 1.37 0.01	28.01 1.48 -0.61	30.05 1.66 -0.68	31.10 1.63 -0.36	35.23 1.76 -1.41	37.94 1.88 -1.13	39.86 1.89 -3.56	40.68 1.82 -10.06	48.63 2.48 -12.69	54.36 2.47 -19.01	55.49 2.09 -21.79	54.30 1.59 -26.13	54.88 1.87 -19.58	43.69 1.31 -11.20	36.45 1.57 -2.82	31.85 1.78 -0.37
NYPA_HARLEM_RVR_GT2 24161	31.50 1.78 -0.01	27.72 1.72 0.00	28.64 1.55 -0.75	26.97 1.45 -0.03	25.25 1.29 0.00	25.60 1.24 0.00	23.70 1.17 0.00	24.61 1.17 0.01	27.19 1.37 0.01	28.01 1.48 -0.61	30.05 1.66 -0.68	31.10 1.63 -0.36	35.23 1.76 -1.41	37.94 1.88 -1.13	39.86 1.89 -3.56	40.68 1.82 -10.06	48.63 2.48 -12.69	54.36 2.47 -19.01	55.49 2.09 -21.79	54.30 1.59 -26.13	54.88 1.87 -19.58	43.69 1.31 -11.20	36.45 1.57 -2.82	31.85 1.78 -0.37
NYPA_KENT____GT 24152	31.53 1.81 0.00	27.78 1.77 0.00	28.72 1.63 -0.75	27.07 1.55 -0.03	25.30 1.34 0.00	25.70 1.34 0.00	23.84 1.31 0.00	24.81 1.36 0.00	27.40 1.58 0.00	28.23 1.68 -0.61	30.28 1.88 -0.69	31.37 1.89 -0.37	35.56 2.08 -1.42	38.26 2.20 -1.14	40.18 2.20 -3.57	40.98 2.10 -10.07	48.93 2.78 -12.69	54.69 2.79 -19.01	55.82 2.40 -21.79	54.57 1.86 -26.14	55.22 2.21 -19.59	44.01 1.62 -11.21	36.76 1.86 -2.84	31.97 1.90 -0.37
NYPA_POUCH1____GT 24155	31.47 1.75 0.00	27.80 1.79 0.00	28.75 1.66 -0.75	27.07 1.55 -0.03	25.30 1.34 0.00	25.67 1.31 0.00	23.77 1.24 0.00	24.72 1.27 0.00	27.33 1.50 0.00	28.18 1.63 -0.62	30.22 1.83 -0.70	31.39 1.86 -0.41	37.33 2.05 -3.22	36.58 2.10 0.44	38.90 2.10 -2.39	39.71 2.02 -8.88	48.90 2.74 -12.69	54.65 2.76 -19.01	55.75 2.34 -21.79	54.51 1.81 -26.13	55.15 2.14 -19.58	33.18 1.62 -0.38	37.71 1.83 -3.82	32.92 1.87 -1.35
NYPA_VERNON____GT2 24162	31.47 1.75 0.00	27.72 1.72 0.00	28.67 1.58 -0.75	27.02 1.50 -0.03	25.27 1.32 0.00	25.67 1.31 0.00	23.81 1.28 0.00	24.79 1.34 0.00	27.38 1.55 0.00	28.20 1.66 -0.61	30.25 1.86 -0.69	31.35 1.86 -0.37	35.46 1.99 -1.42	38.19 2.13 -1.14	40.15 2.17 -3.57	40.92 2.05 -10.07	48.87 2.71 -12.69	54.59 2.70 -19.01	55.72 2.31 -21.79	54.52 1.81 -26.14	55.12 2.11 -19.59	43.95 1.56 -11.21	36.66 1.76 -2.84	31.91 1.84 -0.37

NYPA_VERNON____GT3 24163	31.47 1.75 0.00	27.72 1.72 0.00	28.67 1.58 -0.75	27.02 1.50 -0.03	25.27 1.32 0.00	25.67 1.31 0.00	23.81 1.28 0.00	24.79 1.34 0.00	27.38 1.55 0.00	28.20 1.66 -0.61	30.25 1.86 -0.69	31.35 1.86 -0.37	35.46 1.99 -1.42	38.19 2.13 -1.14	40.15 2.17 -3.57	40.92 2.05 -10.07	48.87 2.71 -12.69	54.59 2.70 -19.01	55.72 2.31 -21.79	54.52 1.81 -26.14	55.12 2.11 -19.59	43.95 1.56 -11.21	36.66 1.76 -2.84	31.91 1.84 -0.37
NYPA____ASTORIA_CC1 323568	31.44 1.72 0.00	27.70 1.69 0.00	28.64 1.55 -0.75	26.97 1.45 -0.03	25.25 1.29 0.00	25.65 1.29 0.00	23.79 1.26 0.00	24.74 1.29 0.00	27.35 1.52 0.00	28.15 1.61 -0.61	30.19 1.80 -0.69	31.29 1.81 -0.37	35.40 1.92 -1.42	38.16 2.10 -1.14	40.08 2.10 -3.57	40.86 1.99 -10.07	48.80 2.64 -12.69	54.55 2.66 -19.01	55.69 2.28 -21.79	54.47 1.75 -26.14	55.09 2.07 -19.59	43.92 1.53 -11.21	36.63 1.73 -2.84	31.88 1.81 -0.37
NYPA____ASTORIA_CC2 323569	31.44 1.72 0.00	27.70 1.69 0.00	28.64 1.55 -0.75	26.97 1.45 -0.03	25.25 1.29 0.00	25.65 1.29 0.00	23.79 1.26 0.00	24.74 1.29 0.00	27.35 1.52 0.00	28.15 1.61 -0.61	30.19 1.80 -0.69	31.29 1.81 -0.37	35.40 1.92 -1.42	38.16 2.10 -1.14	40.08 2.10 -3.57	40.86 1.99 -10.07	48.80 2.64 -12.69	54.55 2.66 -19.01	55.69 2.28 -21.79	54.47 1.75 -26.14	55.09 2.07 -19.59	43.92 1.53 -11.21	36.63 1.73 -2.84	31.88 1.81 -0.37
NYPA____HOLTSVILL 23794	37.83 2.79 -5.33	34.65 2.60 -6.05	29.85 2.50 -1.01	27.98 2.45 -0.05	26.18 2.16 -0.06	26.63 2.27 -0.01	24.68 2.14 -0.01	25.73 2.27 -0.01	28.85 2.50 -0.52	33.76 2.59 -5.23	41.00 2.85 -10.45	45.63 2.85 -13.66	46.49 2.92 -11.52	44.43 3.04 -6.47	43.80 3.03 -6.35	46.78 2.77 -15.20	53.86 3.45 -16.95	65.19 3.52 -28.79	56.55 3.13 -21.80	55.03 2.31 -26.15	55.33 2.31 -19.59	44.54 2.15 -11.21	41.57 2.92 -6.60	38.60 2.85 -6.05
NYPA____HELLGATE_GT1 24158	31.50 1.78 -0.01	27.72 1.72 0.00	28.64 1.55 -0.75	26.97 1.45 -0.03	25.25 1.29 0.00	25.60 1.24 0.00	23.70 1.17 0.00	24.61 1.17 0.01	27.19 1.37 0.01	28.01 1.48 -0.61	30.05 1.66 -0.68	31.10 1.63 -0.36	35.23 1.76 -1.41	37.94 1.88 -1.13	39.86 1.89 -3.56	40.68 1.82 -10.06	48.63 2.48 -12.69	54.36 2.47 -19.01	55.49 2.09 -21.79	54.30 1.59 -26.13	54.88 1.87 -19.58	43.69 1.31 -11.20	36.47 1.57 -2.84	31.85 1.78 -0.37
NYPA____HELLGATE_GT2 24159	31.50 1.78 -0.01	27.72 1.72 0.00	28.64 1.55 -0.75	26.97 1.45 -0.03	25.25 1.29 0.00	25.60 1.24 0.00	23.70 1.17 0.00	24.61 1.17 0.01	27.19 1.37 0.01	28.01 1.48 -0.61	30.05 1.66 -0.68	31.10 1.63 -0.36	35.23 1.76 -1.41	37.94 1.88 -1.13	39.86 1.89 -3.56	40.68 1.82 -10.06	48.63 2.48 -12.69	54.36 2.47 -19.01	55.49 2.09 -21.79	54.30 1.59 -26.13	54.88 1.87 -19.58	43.69 1.31 -11.20	36.47 1.57 -2.84	31.85 1.78 -0.37
NYS_BARGE____HYD 23848	29.77 0.06 0.00	25.54 -0.47 0.00	25.13 -1.32 -0.11	24.47 -1.02 0.00	23.14 -0.81 0.00	23.33 -1.02 0.00	21.59 -0.95 0.00	22.35 -1.10 0.00	24.64 -1.19 0.00	25.06 -0.96 -0.09	26.78 -1.02 -0.10	28.18 -0.99 -0.06	31.05 -1.22 -0.21	33.73 -1.36 -0.17	34.12 -0.83 -0.54	30.58 0.26 -1.52	35.68 0.30 -1.91	36.03 0.30 -2.86	35.65 0.76 -3.28	31.30 0.80 -3.93	36.94 0.57 -2.94	32.40 -0.47 -1.68	31.85 -0.64 -0.43	29.43 -0.33 -0.06
OAK ORCHARD____HYD 24046	29.92 0.21 0.00	25.85 -0.16 0.00	25.77 -0.66 -0.09	24.98 -0.51 0.00	23.50 -0.46 0.00	23.72 -0.63 0.00	21.99 -0.54 0.00	22.89 -0.56 0.00	25.23 -0.59 0.00	25.64 -0.36 -0.07	27.48 -0.30 -0.08	28.87 -0.29 -0.04	31.87 -0.35 -0.17	34.64 -0.42 -0.14	34.84 0.00 -0.43	30.71 0.69 -1.21	35.83 0.84 -1.52	35.98 0.82 -2.28	35.28 1.04 -2.61	30.66 0.96 -3.13	36.85 1.07 -2.35	32.87 0.34 -1.34	32.50 0.10 -0.34	29.86 0.12 -0.04
OAKDALE____35_KV_LOAD 356122	30.10 0.39 0.00	26.21 0.21 0.00	26.87 0.26 -0.27	25.50 0.00 -0.01	23.98 0.02 0.00	24.33 -0.02 0.00	22.51 -0.02 0.00	23.40 -0.05 0.00	25.77 -0.05 0.00	26.17 0.03 -0.22	28.03 0.08 -0.25	29.39 0.15 -0.13	33.00 0.19 -0.75	35.99 0.21 -0.86	36.42 0.41 -1.60	33.09 0.69 -3.59	39.35 0.87 -5.02	40.99 0.89 -7.22	40.76 1.01 -8.13	36.75 0.88 -9.31	41.37 0.97 -6.97	35.70 0.53 -3.99	33.42 0.35 -1.01	30.37 0.39 -0.29
OCC_CHEM____DRP 24175	29.09 -0.62 0.00	24.99 -1.01 0.00	25.90 -0.55 -0.12	24.14 -1.35 -0.01	22.59 -1.37 0.00	22.77 -1.58 0.00	21.20 -1.33 0.00	22.09 -1.36 0.00	24.17 -1.65 0.00	24.60 -1.43 -0.10	26.28 -1.52 -0.11	27.69 -1.48 -0.06	30.54 -1.73 -0.22	33.11 -1.99 -0.18	33.49 -1.48 -0.55	30.03 -0.35 -1.56	35.03 -0.40 -1.97	35.40 -0.43 -2.94	35.06 0.06 -3.37	30.80 0.19 -4.05	36.23 -0.23 -3.03	31.73 -1.18 -1.73	31.19 -1.31 -0.44	28.89 -0.86 -0.06
OH_GEN_PROXY 24063	29.39 -0.33 0.00	25.17 -0.83 0.00	24.95 -1.50 -0.12	24.27 -1.22 0.00	22.86 -1.10 0.00	23.06 -1.29 0.00	21.43 -1.10 0.00	22.23 -1.22 0.00	24.51 -1.32 0.00	24.93 -1.09 -0.09	26.61 -1.19 -0.11	27.98 -1.19 -0.06	30.83 -1.44 -0.22	33.49 -1.61 -0.17	33.79 -1.17 -0.55	30.26 -0.09 -1.54	35.34 -0.07 -1.94	35.72 -0.07 -2.91	35.30 0.35 -3.33	30.99 0.42 -3.99	33.85 0.17 -0.25	34.80 -0.84 -4.46	31.50 -0.99 -0.43	29.10 -0.65 -0.06
OLIN_CORP_DRP 24177	29.39 -0.33 0.00	25.30 -0.70 0.00	25.79 -0.66 -0.12	24.09 -1.40 -0.01	22.83 -1.13 0.00	23.04 -1.32 0.00	21.27 -1.26 0.00	22.18 -1.27 0.00	24.28 -1.55 0.00	24.70 -1.32 -0.10	26.42 -1.38 -0.11	27.83 -1.34 -0.06	30.67 -1.60 -0.22	33.25 -1.85 -0.18	33.67 -1.31 -0.56	30.19 -0.20 -1.58	35.22 -0.23 -1.99	35.63 -0.23 -2.98	35.32 0.28 -3.41	31.03 0.37 -4.09	36.50 0.00 -3.06	31.94 -1.00 -1.75	31.38 -1.12 -0.44	29.01 -0.74 -0.06
OLIN_CORP_DSASP 323712	29.06 -0.65 0.00	24.92 -1.09 0.00	24.77 -1.69 -0.12	24.16 -1.33 -0.01	22.59 -1.36 0.00	22.77 -1.58 0.00	21.16 -1.38 0.00	21.95 -1.50 0.00	24.17 -1.65 0.00	24.60 -1.43 -0.10	26.26 -1.55 -0.11	27.63 -1.54 -0.06	30.45 -1.83 -0.22	33.04 -2.06 -0.18	33.42 -1.55 -0.55	29.94 -0.43 -1.56	34.93 -0.50 -1.97	35.33 -0.49 -2.94	34.96 -0.03 -3.37	30.75 0.13 -4.05	36.19 -0.27 -3.03	31.64 -1.28 -1.73	31.12 -1.38 -0.44	28.86 -0.89 -0.06
ONEIDA_HERK_LFGE 323681	30.48 0.77 0.00	26.61 0.60 0.00	26.91 0.58 0.00	25.99 0.51 0.00	24.51 0.55 0.00	24.89 0.54 0.00	22.96 0.43 0.00	23.80 0.35 0.00	26.24 0.41 0.00	26.37 0.44 0.00	28.25 0.55 0.00	29.73 0.61 0.00	33.04 0.87 -0.12	36.12 0.98 -0.22	35.64 1.07 -0.16	29.82 1.01 0.00	34.88 1.17 -0.24	34.35 1.25 -0.22	33.10 1.30 -0.18	27.66 1.09 0.00	34.77 1.34 0.00	32.27 1.09 0.00	32.99 0.93 0.00	30.61 0.83 -0.08
ONEIDA____115KV_TB4 55905	30.54 0.83 0.00	26.66 0.65 0.00	26.99 0.66 0.00	25.97 0.48 0.00	24.48 0.53 0.00	24.87 0.51 0.00	22.94 0.41 0.00	23.78 0.33 0.00	26.19 0.36 0.00	26.32 0.39 0.00	28.23 0.53 0.00	29.73 0.61 0.00	33.11 0.87 -0.19	36.27 1.01 -0.34	35.79 1.14 -0.24	29.96 1.15 0.00	35.21 1.37 -0.37	34.67 1.45 -0.34	33.41 1.52 -0.28	27.87 1.30 0.00	35.00 1.57 0.00	32.40 1.22 0.00	33.05 0.99 0.00	30.71 0.89 -0.12

ONONDAGA_REF_OCCRA 23987	29.56 -0.15 0.00	25.80 -0.21 0.00	26.20 -0.21 -0.08	25.11 -0.38 0.00	23.65 -0.31 0.00	24.02 -0.34 0.00	22.22 -0.32 0.00	23.10 -0.35 0.00	25.46 -0.36 0.00	25.71 -0.29 -0.06	27.49 -0.28 -0.07	28.92 -0.23 -0.04	32.46 -0.16 -0.57	35.67 -0.14 -0.89	35.37 0.03 -0.93	30.15 0.29 -1.05	36.00 0.37 -2.17	36.07 0.43 -2.76	35.00 0.47 -2.90	29.73 0.43 -2.73	35.95 0.47 -2.05	32.54 0.19 -1.17	32.33 -0.03 -0.30	29.95 -0.06 -0.31
ONONDAGA___COGEN 23986	29.68 -0.03 0.00	25.90 -0.10 0.00	26.30 -0.11 -0.07	25.21 -0.28 0.00	23.74 -0.22 0.00	24.09 -0.27 0.00	22.28 -0.25 0.00	23.17 -0.28 0.00	25.54 -0.28 0.00	25.78 -0.21 -0.06	27.60 -0.17 -0.07	29.03 -0.12 -0.04	32.84 0.00 -0.78	36.24 0.03 -1.28	35.81 0.21 -1.19	30.18 0.40 -0.97	36.47 0.50 -2.50	36.45 0.56 -3.01	35.27 0.60 -3.05	29.64 0.56 -2.51	35.88 0.57 -1.88	32.57 0.31 -1.08	32.43 0.10 -0.27	30.21 0.06 -0.45
ONTARIO___LFGE 23819	30.28 0.56 0.00	26.24 0.23 0.00	26.34 -0.10 -0.11	25.44 -0.05 0.00	23.93 -0.02 0.00	24.26 -0.10 0.00	22.44 -0.09 0.00	23.29 -0.16 0.00	25.67 -0.15 0.00	25.99 -0.03 -0.09	27.83 0.03 -0.10	29.28 0.12 -0.05	32.70 0.23 -0.41	35.74 0.28 -0.54	35.83 0.62 -0.79	31.34 1.07 -1.46	37.06 1.34 -2.26	37.46 1.45 -3.14	36.76 1.67 -3.47	31.82 1.46 -3.79	37.87 1.60 -2.84	33.77 0.97 -1.62	33.11 0.64 -0.41	30.48 0.59 -0.19
ORANGEVILLE_WT_PWR 323706	30.07 0.36 0.00	25.85 -0.16 0.00	25.71 -0.76 -0.14	24.93 -0.56 -0.01	23.50 -0.46 0.00	23.72 -0.63 0.00	22.01 -0.52 0.00	22.79 -0.66 0.00	25.13 -0.70 0.00	25.53 -0.52 -0.12	27.28 -0.55 -0.13	28.66 -0.52 -0.07	31.68 -0.64 -0.27	34.44 -0.70 -0.22	34.85 -0.24 -0.68	31.36 0.63 -1.92	36.68 0.80 -2.42	37.32 0.82 -3.61	37.00 1.23 -4.14	32.71 1.17 -4.97	38.19 1.04 -3.72	33.41 0.09 -2.13	32.44 -0.16 -0.54	29.83 0.06 -0.07
ORANGEVILLE___ESR 323794	30.07 0.36 0.00	25.85 -0.16 0.00	25.71 -0.76 -0.14	24.93 -0.56 -0.01	23.50 -0.46 0.00	23.72 -0.63 0.00	22.01 -0.52 0.00	22.79 -0.66 0.00	25.13 -0.70 0.00	25.53 -0.52 -0.12	27.28 -0.55 -0.13	28.66 -0.52 -0.07	31.68 -0.64 -0.27	34.44 -0.70 -0.22	34.85 -0.24 -0.68	31.36 0.63 -1.92	36.68 0.80 -2.42	37.32 0.82 -3.61	37.00 1.23 -4.14	32.71 1.17 -4.97	38.19 1.04 -3.72	33.41 0.09 -2.13	32.44 -0.16 -0.54	29.83 0.06 -0.07
OSWEGATCHIE___HYD 24044	30.31 0.59 0.00	26.42 0.41 0.00	26.86 0.53 0.00	25.92 0.43 0.00	24.46 0.50 0.00	24.84 0.49 0.00	22.91 0.38 0.00	23.75 0.30 0.00	26.08 0.26 0.00	26.14 0.21 0.00	27.95 0.25 0.00	29.38 0.26 0.00	32.55 0.26 -0.24	35.67 0.31 -0.44	35.08 0.34 -0.32	28.67 -0.14 0.00	33.78 -0.17 -0.48	33.19 -0.13 -0.44	32.07 0.10 -0.36	26.65 0.08 0.00	33.63 0.20 0.00	31.84 0.66 0.00	32.60 0.54 0.00	30.36 0.50 -0.16
OSWEGO___5 23606	29.12 -0.59 0.00	25.41 -0.60 0.00	25.60 -0.74 0.00	24.80 -0.69 0.00	23.33 -0.62 0.00	23.70 -0.66 0.00	21.92 -0.61 0.00	22.79 -0.66 0.00	25.10 -0.72 0.00	25.28 -0.65 0.00	27.01 -0.69 0.00	28.41 -0.70 0.00	34.00 -0.71 -2.65	38.98 -0.77 -4.83	37.24 -0.65 -3.48	28.47 -0.34 0.00	38.37 -0.37 -5.27	37.43 -0.33 -4.88	35.31 -0.25 -3.95	26.39 -0.18 0.00	33.13 -0.30 0.00	30.71 -0.47 0.00	31.45 -0.61 0.00	30.85 -0.57 -1.72
OSWEGO___6 23613	29.12 -0.59 0.00	25.41 -0.60 0.00	25.60 -0.74 0.00	24.80 -0.69 0.00	23.33 -0.62 0.00	23.70 -0.66 0.00	21.92 -0.61 0.00	22.79 -0.66 0.00	25.10 -0.72 0.00	25.28 -0.65 0.00	27.01 -0.69 0.00	28.41 -0.70 0.00	34.00 -0.71 -2.65	38.98 -0.77 -4.83	37.24 -0.65 -3.48	28.47 -0.34 0.00	38.37 -0.37 -5.27	37.43 -0.33 -4.88	35.31 -0.25 -3.95	26.39 -0.18 0.00	33.13 -0.30 0.00	30.71 -0.47 0.00	31.45 -0.61 0.00	30.85 -0.57 -1.72
OUTOKUMPU-AB___DRP 24206	29.89 0.18 0.00	25.75 -0.26 0.00	26.45 0.00 -0.12	24.70 -0.79 -0.01	23.24 -0.72 0.00	23.43 -0.93 0.00	21.74 -0.79 0.00	22.63 -0.82 0.00	24.79 -1.03 0.00	25.25 -0.78 -0.10	26.98 -0.83 -0.11	28.44 -0.73 -0.06	31.38 -0.90 -0.23	34.05 -1.05 -0.18	34.50 -0.48 -0.56	30.98 0.58 -1.59	36.18 0.70 -2.01	36.54 0.66 -3.01	36.24 1.17 -3.45	31.79 1.09 -4.13	37.33 0.80 -3.10	32.77 -0.19 -1.77	32.12 -0.38 -0.45	29.70 -0.06 -0.06
OXBOW___ 24026	29.57 -0.15 0.00	25.33 -0.68 0.00	25.14 -1.32 -0.12	24.50 -0.99 -0.01	22.95 -1.01 0.00	23.14 -1.22 0.00	21.49 -1.04 0.00	22.26 -1.20 0.00	24.54 -1.29 0.00	24.99 -1.04 -0.10	26.67 -1.14 -0.11	28.07 -1.11 -0.06	30.93 -1.35 -0.22	33.60 -1.50 -0.18	34.05 -0.93 -0.56	30.53 0.14 -1.58	35.62 0.17 -1.99	35.99 0.13 -2.97	35.66 0.63 -3.41	31.33 0.66 -4.09	36.83 0.33 -3.06	32.25 -0.69 -1.75	31.67 -0.83 -0.44	29.34 -0.42 -0.06
OXY_CHEM_DSASP 323612	29.09 -0.62 0.00	24.99 -1.01 0.00	25.90 -0.55 -0.12	24.14 -1.35 -0.01	22.59 -1.37 0.00	22.77 -1.58 0.00	21.20 -1.33 0.00	22.09 -1.36 0.00	24.17 -1.65 0.00	24.60 -1.43 -0.10	26.28 -1.52 -0.11	27.69 -1.48 -0.06	30.54 -1.73 -0.22	33.11 -1.99 -0.18	33.49 -1.48 -0.55	30.03 -0.35 -1.56	35.03 -0.40 -1.97	35.40 -0.43 -2.94	35.06 0.06 -3.37	30.80 0.19 -4.05	36.23 -0.23 -3.03	31.73 -1.18 -1.73	31.19 -1.31 -0.44	28.89 -0.86 -0.06
OZONE_PARK_ESR 323760	31.64 1.93 0.00	27.83 1.82 0.00	28.83 1.74 -0.75	27.12 1.61 -0.03	25.35 1.39 0.00	25.79 1.44 0.00	23.97 1.44 0.00	24.95 1.50 0.00	27.58 1.76 0.00	28.38 1.84 -0.61	30.44 2.05 -0.69	31.55 2.07 -0.37	35.69 2.21 -1.42	38.47 2.41 -1.14	40.42 2.44 -3.57	41.18 2.30 -10.07	49.10 2.95 -12.69	54.85 2.96 -19.01	55.98 2.56 -21.79	54.73 2.02 -26.14	55.42 2.41 -19.58	44.26 1.87 -11.21	36.89 1.99 -2.84	32.06 1.99 -0.37
PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	29.09 -0.62 0.00	24.99 -1.01 0.00	25.90 -0.55 -0.12	24.14 -1.35 -0.01	22.59 -1.37 0.00	22.77 -1.58 0.00	21.20 -1.33 0.00	22.09 -1.36 0.00	24.17 -1.65 0.00	24.60 -1.43 -0.10	26.28 -1.52 -0.11	27.69 -1.48 -0.06	30.54 -1.73 -0.22	33.11 -1.99 -0.18	33.49 -1.48 -0.55	30.03 -0.35 -1.56	35.03 -0.40 -1.97	35.40 -0.43 -2.94	35.06 0.06 -3.37	30.80 0.19 -4.05	36.23 -0.23 -3.03	31.73 -1.18 -1.73	31.19 -1.31 -0.44	28.89 -0.86 -0.06
PACKARD___115KV_DUPONT_184 80571	29.09 -0.62 0.00	24.99 -1.01 0.00	25.90 -0.55 -0.12	24.14 -1.35 -0.01	22.59 -1.37 0.00	22.77 -1.58 0.00	21.20 -1.33 0.00	22.09 -1.36 0.00	24.17 -1.65 0.00	24.60 -1.43 -0.10	26.28 -1.52 -0.11	27.69 -1.48 -0.06	30.54 -1.73 -0.22	33.11 -1.99 -0.18	33.49 -1.48 -0.55	30.03 -0.35 -1.56	35.03 -0.40 -1.97	35.40 -0.43 -2.94	35.06 0.06 -3.37	30.80 0.19 -4.05	36.23 -0.23 -3.03	31.73 -1.18 -1.73	31.19 -1.31 -0.44	28.89 -0.86 -0.06
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	31.68 1.96 -0.01	27.83 1.82 0.00	28.77 1.69 -0.75	27.05 1.53 -0.03	25.32 1.37 0.00	25.65 1.29 0.00	23.75 1.22 0.00	24.65 1.20 0.00	27.25 1.42 0.00	28.05 1.50 -0.61	30.11 1.72 -0.69	31.17 1.69 -0.37	35.30 1.83 -1.42	38.05 1.99 -1.14	39.98 2.00 -3.57	40.78 1.90 -10.07	48.67 2.51 -12.69	54.42 2.53 -19.01	55.57 2.15 -21.79	54.36 1.65 -26.14	54.96 1.94 -19.59	43.79 1.40 -11.21	36.57 1.67 -2.84	31.91 1.84 -0.37

PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	32.13 2.41 -0.01	28.22 2.21 0.00	29.17 2.08 -0.75	27.40 1.89 -0.03	25.63 1.68 0.00	25.96 1.61 0.00	24.04 1.51 0.00	24.97 1.52 0.00	27.53 1.70 0.00	28.36 1.82 -0.61	30.47 2.08 -0.69	31.55 2.07 -0.37	35.72 2.24 -1.42	38.50 2.44 -1.14	40.42 2.44 -3.57	41.15 2.28 -10.07	49.14 2.98 -12.69	54.92 3.02 -19.01	55.98 2.56 -21.79	54.71 1.99 -26.14	55.39 2.37 -19.59	44.17 1.78 -11.21	36.95 2.05 -2.84	32.30 2.23 -0.37
PATROON__115KV_TB1 80586	30.75 1.04 0.00	26.99 0.99 0.00	29.14 1.11 -1.70	26.63 1.07 -0.07	24.89 0.93 0.00	25.33 0.97 0.00	23.45 0.92 0.00	24.37 0.91 0.00	22.46 0.96 4.32	22.43 1.04 4.54	29.70 1.05 -0.95	29.83 1.14 0.42	31.71 1.22 1.56	32.04 1.33 4.21	34.18 1.34 1.57	41.13 1.18 -11.14	49.00 1.37 -14.16	77.14 1.32 -42.95	82.05 1.20 -49.23	86.58 0.96 -59.05	78.87 1.20 -44.24	57.53 1.03 -25.32	39.56 1.09 -6.41	31.60 1.07 -0.84
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	30.01 0.30 0.00	25.85 -0.16 0.00	26.47 0.00 -0.13	24.78 -0.71 -0.01	23.38 -0.57 0.00	23.60 -0.76 0.00	21.90 -0.63 0.00	22.77 -0.68 0.00	24.97 -0.85 0.00	25.41 -0.62 -0.11	27.18 -0.64 -0.12	28.65 -0.52 -0.06	31.63 -0.67 -0.25	34.35 -0.77 -0.20	34.83 -0.21 -0.62	31.35 0.78 -1.76	36.66 0.97 -2.22	37.12 0.92 -3.32	36.88 1.45 -3.80	32.41 1.28 -4.56	37.89 1.04 -3.42	33.23 0.09 -1.96	32.36 -0.19 -0.50	29.85 0.09 -0.06
PAWLING_115_KV_BK3_REV_LBMP_H 345028	31.67 1.96 0.00	27.80 1.79 0.00	28.86 1.76 -0.77	27.15 1.63 -0.03	25.32 1.37 0.00	25.72 1.36 0.00	23.88 1.35 0.00	24.88 1.43 0.00	27.50 1.68 0.00	28.29 1.74 -0.62	30.45 2.05 -0.70	31.56 2.07 -0.38	35.74 2.24 -1.44	38.73 2.65 -1.16	40.58 2.55 -3.62	41.45 2.42 -10.22	49.30 2.95 -12.89	55.25 3.06 -19.31	56.35 2.59 -22.14	55.17 2.05 -26.55	55.87 2.54 -19.89	44.66 2.09 -11.39	36.93 1.99 -2.88	31.97 1.90 -0.38
PEEKSKILL____ 23653	31.17 1.46 0.00	27.44 1.43 0.00	28.42 1.34 -0.75	26.79 1.27 -0.03	25.06 1.10 0.00	25.48 1.12 0.00	23.66 1.13 0.00	24.62 1.17 0.00	27.19 1.37 0.00	27.96 1.43 -0.61	29.99 1.61 -0.69	31.11 1.63 -0.37	35.19 1.73 -1.41	37.93 1.88 -1.13	39.87 1.93 -3.53	40.59 1.82 -9.96	48.31 2.28 -12.56	54.03 2.33 -18.82	55.19 1.99 -21.57	54.01 1.57 -25.87	54.69 1.87 -19.39	43.71 1.44 -11.10	36.41 1.54 -2.81	31.64 1.57 -0.37
PGE MADISON__WINDPWR 24146	32.51 2.79 0.00	28.27 2.26 0.00	28.70 2.06 -0.31	27.46 1.96 -0.01	25.94 1.99 0.00	26.33 1.97 0.00	24.20 1.67 0.00	24.88 1.43 0.00	27.38 1.55 0.00	27.76 1.58 -0.25	29.84 1.86 -0.28	31.30 2.04 -0.15	35.63 2.72 -0.85	38.91 3.04 -0.96	39.53 3.30 -1.81	36.09 3.17 -4.11	43.07 3.88 -5.72	45.22 4.11 -8.23	45.22 4.33 -9.27	40.96 3.75 -10.64	45.98 4.58 -7.97	39.36 3.62 -4.56	36.36 3.14 -1.15	32.85 2.82 -0.33
PIERCEFIELD__HYD 23852	29.86 0.15 0.00	26.27 0.26 0.00	26.57 0.24 0.00	25.87 0.38 0.00	24.41 0.46 0.00	24.82 0.46 0.00	22.91 0.38 0.00	23.85 0.40 0.00	26.21 0.39 0.00	26.21 0.29 0.00	28.00 0.30 0.00	29.38 0.26 0.00	32.28 0.10 -0.12	35.29 0.14 -0.23	34.61 0.03 -0.16	28.00 -0.81 0.00	32.71 -1.00 -0.25	31.96 -1.15 -0.23	30.79 -1.01 -0.19	25.75 -0.82 0.00	32.56 -0.87 0.00	31.31 0.12 0.00	32.16 0.10 0.00	29.99 0.21 -0.08
PINELAWN_CC_1 323563	37.57 2.52 -5.33	34.42 2.37 -6.05	29.61 2.27 -1.01	27.75 2.22 -0.05	25.96 1.94 -0.06	26.41 2.05 -0.01	24.50 1.96 -0.01	25.50 2.04 -0.01	28.57 2.22 -0.52	33.47 2.31 -5.23	40.66 2.52 -10.44	41.36 2.56 -9.68	42.39 2.69 -7.64	43.46 2.86 -5.68	43.66 2.89 -6.35	44.45 2.68 -12.96	53.80 3.38 -16.95	56.39 3.52 -19.99	56.55 4.11 -21.80	55.03 3.75 -26.15	55.40 4.33 -19.59	44.52 3.13 -11.21	41.38 2.31 -6.60	38.42 2.37 -6.05
PJM_GEN_HTP_PROXY 323702	31.29 1.57 0.00	27.54 1.53 0.00	28.54 1.45 -0.75	26.89 1.38 -0.03	25.15 1.20 0.00	25.60 1.24 0.00	23.77 1.24 0.00	24.76 1.31 0.00	27.35 1.52 0.00	28.15 1.61 -0.61	30.14 1.75 -0.69	31.29 1.81 -0.37	35.37 1.89 -1.42	38.12 2.06 -1.14	40.08 2.10 -3.57	40.86 1.99 -10.07	48.67 2.51 -12.69	54.42 2.53 -19.01	55.60 2.18 -21.79	54.44 1.73 -26.14	52.28 2.01 -16.84	46.70 1.56 -13.96	36.56 1.67 -2.84	31.79 1.72 -0.37
PJM_GEN_KEystone 24065	24.25 0.54 6.00	23.70 0.34 2.64	20.91 0.05 5.48	19.72 0.10 5.87	19.15 0.07 4.88	19.25 0.02 5.13	18.54 0.09 4.08	21.92 0.07 1.60	23.21 0.13 2.75	24.70 0.23 1.46	25.67 0.28 2.31	27.65 0.29 1.76	29.16 0.26 3.15	31.99 0.25 3.18	33.66 0.45 1.20	35.70 0.84 -6.05	42.62 1.10 -8.05	44.50 1.12 -10.50	42.20 1.14 -9.44	38.42 0.93 -10.92	34.70 0.93 -0.33	35.04 0.38 -3.48	30.39 0.32 1.99	27.69 0.47 2.48
PJM_GEN_NEPTUNE_PROXY 323594	37.03 1.99 -5.33	33.95 1.90 -6.05	29.14 1.79 -1.01	27.32 1.78 -0.05	25.55 1.53 -0.06	26.04 1.68 -0.01	24.16 1.62 -0.01	25.17 1.71 -0.01	28.18 1.83 -0.52	33.06 1.89 -5.23	40.22 2.08 -10.44	40.49 2.10 -9.27	41.51 2.21 -7.24	42.86 2.34 -5.60	43.14 2.37 -6.35	43.75 2.22 -12.72	53.23 2.81 -16.95	54.86 2.89 -19.09	55.95 2.53 -21.80	54.55 1.83 -26.15	52.11 1.84 -16.84	46.76 1.62 -13.96	40.77 2.12 -6.60	37.89 2.14 -6.05
PJM_GEN_VFT_PROXY 323633	31.08 1.37 0.00	27.41 1.40 0.00	28.38 1.29 -0.75	26.74 1.22 -0.03	25.04 1.08 0.00	25.48 1.12 0.00	23.68 1.15 0.00	24.67 1.22 0.00	27.25 1.42 0.00	28.02 1.48 -0.61	29.97 1.58 -0.69	31.01 1.60 -0.30	31.23 1.67 2.49	34.44 1.81 2.30	37.24 1.82 -1.00	38.08 1.79 -7.48	48.46 2.31 -12.69	54.23 2.33 -19.01	55.37 1.96 -21.79	54.22 1.51 -26.13	52.03 1.77 -16.83	24.61 1.44 8.01	34.22 1.44 -0.71	29.46 1.51 1.75
PLATSBRG_115KV_PMLD1 355749	30.75 1.04 0.00	26.81 0.81 0.00	27.10 0.76 0.00	26.35 0.87 0.00	24.89 0.93 0.00	25.33 0.97 0.00	23.41 0.88 0.00	24.44 0.98 0.00	26.83 1.01 0.00	26.89 0.96 0.00	28.70 1.00 0.00	30.10 0.99 0.00	33.02 0.96 0.00	36.04 1.12 0.00	35.45 1.03 0.00	29.30 0.49 0.00	33.97 0.50 0.00	33.08 0.20 0.00	31.91 0.28 0.00	26.84 0.27 0.00	33.90 0.47 0.00	31.93 0.75 0.00	32.70 0.64 0.00	30.17 0.48 0.00
PLEASANTVLY__LBMP 24000	31.17 1.46 0.00	27.38 1.38 0.00	28.46 1.34 -0.79	26.74 1.22 -0.03	25.04 1.08 0.00	25.48 1.12 0.00	23.61 1.08 0.00	24.58 1.13 0.00	27.12 1.29 0.00	27.92 1.35 -0.64	29.95 1.52 -0.72	31.04 1.54 -0.39	35.17 1.63 -1.48	37.89 1.78 -1.19	39.93 1.79 -3.72	41.02 1.70 -10.51	48.79 2.07 -13.25	54.83 2.10 -19.85	56.18 1.80 -22.75	55.30 1.43 -27.29	55.62 1.74 -20.45	44.26 1.37 -11.70	36.47 1.44 -2.96	31.54 1.46 -0.39
PLSNTVLE_13_KV_13.8KVDIST 80602	31.38 1.66 0.00	27.57 1.56 0.00	28.59 1.50 -0.76	26.89 1.38 -0.03	25.16 1.20 0.00	25.60 1.24 0.00	23.75 1.22 0.00	24.72 1.27 0.00	27.30 1.47 0.00	28.10 1.56 -0.62	30.14 1.75 -0.70	31.26 1.78 -0.37	35.38 1.89 -1.43	38.16 2.10 -1.15	40.14 2.13 -3.59	40.96 2.02 -10.14	48.72 2.48 -12.78	54.56 2.53 -19.15	55.75 2.18 -21.95	54.63 1.73 -26.33	55.20 2.04 -19.72	44.06 1.59 -11.29	36.62 1.70 -2.86	31.76 1.69 -0.37

PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	31.38 1.66 0.00	27.57 1.56 0.00	28.59 1.50 -0.76	26.89 1.38 -0.03	25.16 1.20 0.00	25.60 1.24 0.00	23.75 1.22 0.00	24.72 1.27 0.00	27.30 1.47 0.00	28.10 1.56 -0.62	30.14 1.75 -0.70	31.26 1.78 -0.37	35.38 1.89 -1.43	38.16 2.10 -1.15	40.14 2.13 -3.59	40.96 2.02 -10.14	48.72 2.48 -12.78	54.56 2.53 -19.15	55.75 2.18 -21.95	54.63 1.73 -26.33	55.20 2.04 -19.72	44.06 1.59 -11.29	36.62 1.70 -2.86	31.76 1.69 -0.37
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	31.50 1.78 0.00	27.65 1.64 0.00	28.73 1.61 -0.78	27.00 1.48 -0.03	25.25 1.29 0.00	25.65 1.29 0.00	23.79 1.26 0.00	24.74 1.29 0.00	27.32 1.50 0.00	28.12 1.56 -0.64	30.19 1.77 -0.72	31.27 1.78 -0.38	35.49 1.96 -1.48	38.27 2.17 -1.19	40.30 2.17 -3.72	41.31 2.02 -10.49	49.20 2.51 -13.22	55.28 2.60 -19.80	56.63 2.31 -22.70	55.63 1.83 -27.23	56.07 2.24 -20.40	44.63 1.78 -11.68	36.84 1.83 -2.96	31.84 1.75 -0.39
POLETTI____ 23519	31.35 1.63 0.00	27.59 1.59 0.00	28.56 1.47 -0.75	26.89 1.38 -0.03	25.16 1.20 0.00	25.60 1.24 0.00	23.77 1.24 0.00	24.74 1.29 0.00	27.32 1.50 0.00	28.12 1.58 -0.61	30.14 1.75 -0.69	31.23 1.75 -0.37	35.30 1.83 -1.42	38.09 2.03 -1.14	40.05 2.06 -3.57	40.84 1.96 -10.07	48.63 2.48 -12.69	54.42 2.53 -19.01	55.57 2.15 -21.79	54.39 1.67 -26.14	54.99 1.97 -19.58	43.89 1.50 -11.21	36.53 1.64 -2.84	31.73 1.66 -0.37
PORT_JEFF_3 23555	37.92 2.88 -5.33	34.73 2.68 -6.05	29.93 2.58 -1.01	28.04 2.50 -0.05	26.25 2.23 -0.06	26.68 2.32 -0.01	24.75 2.21 -0.01	25.78 2.32 -0.01	28.93 2.58 -0.52	33.84 2.67 -5.23	41.09 2.93 -10.45	45.93 2.97 -13.84	46.83 3.08 -11.70	44.64 3.21 -6.51	43.97 3.20 -6.35	47.03 2.91 -15.31	54.03 3.62 -16.95	65.72 3.65 -29.19	56.68 3.26 -21.80	55.14 2.42 -26.15	55.46 2.44 -19.59	44.70 2.31 -11.21	41.74 3.08 -6.60	38.72 2.97 -6.05
PORT_JEFF_4 23616	37.92 2.88 -5.33	34.73 2.68 -6.05	29.93 2.58 -1.01	28.04 2.50 -0.05	26.25 2.23 -0.06	26.68 2.32 -0.01	24.75 2.21 -0.01	25.78 2.32 -0.01	28.93 2.58 -0.52	33.84 2.67 -5.23	41.09 2.93 -10.45	45.93 2.97 -13.84	46.83 3.08 -11.70	44.64 3.21 -6.51	43.97 3.20 -6.35	47.03 2.91 -15.31	54.03 3.62 -16.95	65.72 3.65 -29.19	56.68 3.26 -21.80	55.14 2.42 -26.15	55.46 2.44 -19.59	44.70 2.31 -11.21	41.74 3.08 -6.60	38.72 2.97 -6.05
PORT_JEFF_IC 23713	37.98 2.94 -5.33	34.78 2.73 -6.05	29.95 2.61 -1.01	28.08 2.55 -0.05	26.27 2.25 -0.06	26.73 2.36 -0.01	24.77 2.23 -0.01	25.83 2.37 -0.01	28.98 2.64 -0.52	33.89 2.72 -5.23	41.17 3.02 -10.46	46.69 3.06 -14.52	47.58 3.17 -12.36	44.92 3.35 -6.65	44.11 3.34 -6.35	47.52 3.02 -15.69	54.07 3.65 -16.95	67.21 3.65 -30.68	56.68 3.26 -21.80	55.19 2.47 -26.15	55.50 2.47 -19.59	44.79 2.40 -11.21	41.80 3.14 -6.60	38.81 3.06 -6.05
PPL PILGRIM_ST_GT1 24216	37.92 2.88 -5.33	34.71 2.65 -6.05	29.88 2.53 -1.01	28.01 2.47 -0.05	26.20 2.18 -0.06	26.65 2.29 -0.01	24.72 2.18 -0.01	25.73 2.27 -0.01	28.88 2.53 -0.52	33.78 2.62 -5.23	41.00 2.85 -10.44	42.30 2.88 -10.30	43.31 3.01 -8.25	43.87 3.14 -5.80	43.93 3.16 -6.35	45.00 2.88 -13.31	54.03 3.62 -16.95	57.83 3.58 -21.37	56.61 3.19 -21.80	55.06 2.34 -26.15	55.40 2.37 -19.59	44.64 2.25 -11.21	41.67 3.01 -6.60	38.72 2.97 -6.05
PPL PILGRIM_ST_GT2 24217	37.92 2.88 -5.33	34.71 2.65 -6.05	29.88 2.53 -1.01	28.01 2.47 -0.05	26.20 2.18 -0.06	26.65 2.29 -0.01	24.72 2.18 -0.01	25.73 2.27 -0.01	28.88 2.53 -0.52	33.78 2.62 -5.23	41.00 2.85 -10.44	42.30 2.88 -10.30	43.31 3.01 -8.25	43.87 3.14 -5.80	43.93 3.16 -6.35	45.00 2.88 -13.31	54.03 3.62 -16.95	57.83 3.58 -21.37	56.61 3.19 -21.80	55.06 2.34 -26.15	55.40 2.37 -19.59	44.64 2.25 -11.21	41.67 3.01 -6.60	38.72 2.97 -6.05
PPL_SHRM_GT3 24213	38.22 3.18 -5.33	34.99 2.94 -6.05	30.19 2.85 -1.01	28.29 2.75 -0.05	26.49 2.47 -0.06	26.92 2.56 -0.01	24.95 2.41 -0.01	26.02 2.56 -0.01	29.19 2.84 -0.52	34.09 2.93 -5.23	41.42 3.27 -10.45	46.27 3.23 -13.93	47.27 3.43 -11.78	44.94 3.49 -6.53	44.10 3.34 -6.35	47.22 3.05 -15.36	54.26 3.85 -16.95	66.24 3.98 -29.38	57.02 3.60 -21.80	55.35 2.63 -26.15	55.66 2.64 -19.59	45.01 2.62 -11.21	42.12 3.46 -6.60	39.07 3.33 -6.05
PPL_SHRM_GT4 24214	38.22 3.18 -5.33	34.99 2.94 -6.05	30.19 2.85 -1.01	28.29 2.75 -0.05	26.49 2.47 -0.06	26.92 2.56 -0.01	24.95 2.41 -0.01	26.02 2.56 -0.01	29.19 2.84 -0.52	34.09 2.93 -5.23	41.42 3.27 -10.45	46.27 3.23 -13.93	47.27 3.43 -11.78	44.94 3.49 -6.53	44.10 3.34 -6.35	47.22 3.05 -15.36	54.26 3.85 -16.95	66.24 3.98 -29.38	57.02 3.60 -21.80	55.35 2.63 -26.15	55.66 2.64 -19.59	45.01 2.62 -11.21	42.12 3.46 -6.60	39.07 3.33 -6.05
PROJECT____ORANGE 1 24174	29.48 -0.24 0.00	25.69 -0.31 0.00	26.11 -0.29 -0.06	25.03 -0.46 0.00	23.57 -0.38 0.00	23.94 -0.41 0.00	22.15 -0.38 0.00	23.03 -0.42 0.00	25.39 -0.44 0.00	25.62 -0.36 -0.05	27.37 -0.39 -0.06	28.82 -0.32 -0.03	32.26 -0.26 -0.46	35.40 -0.24 -0.72	35.06 -0.10 -0.75	29.84 0.20 -0.83	35.43 0.23 -1.73	35.37 0.30 -2.19	34.27 0.35 -2.30	29.03 0.32 -2.14	35.37 0.33 -1.60	32.16 0.06 -0.92	32.13 -0.16 -0.23	29.77 -0.18 -0.26
PROJECT____ORANGE 2 24166	29.48 -0.24 0.00	25.69 -0.31 0.00	26.11 -0.29 -0.06	25.03 -0.46 0.00	23.57 -0.38 0.00	23.94 -0.41 0.00	22.15 -0.38 0.00	23.03 -0.42 0.00	25.39 -0.44 0.00	25.62 -0.36 -0.05	27.37 -0.39 -0.06	28.82 -0.32 -0.03	32.26 -0.26 -0.46	35.40 -0.24 -0.72	35.06 -0.10 -0.75	29.84 0.20 -0.83	35.43 0.23 -1.73	35.37 0.30 -2.19	34.27 0.35 -2.30	29.03 0.32 -2.14	35.37 0.33 -1.60	32.16 0.06 -0.92	32.13 -0.16 -0.23	29.77 -0.18 -0.26
PUCKETT____SOLAR 323809	30.64 0.92 0.00	26.68 0.68 0.00	27.11 0.47 -0.30	25.96 0.46 -0.01	24.44 0.48 0.00	24.82 0.46 0.00	22.91 0.38 0.00	23.71 0.26 0.00	26.14 0.31 0.00	26.51 0.34 -0.24	28.39 0.42 -0.27	29.70 0.44 -0.15	33.47 0.61 -0.81	36.51 0.70 -0.90	37.04 0.89 -1.73	33.90 1.12 -3.97	40.36 1.41 -5.49	42.32 1.51 -7.93	42.23 1.67 -8.94	38.36 1.51 -10.28	42.90 1.77 -7.70	36.80 1.21 -4.41	34.17 0.99 -1.12	30.95 0.95 -0.31
PYRITES____HYD 24023	30.28 0.56 0.00	26.60 0.60 0.00	26.91 0.58 0.00	26.22 0.74 0.00	24.77 0.81 0.00	25.18 0.83 0.00	23.21 0.68 0.00	24.11 0.66 0.00	26.50 0.67 0.00	26.50 0.57 0.00	28.31 0.61 0.00	29.73 0.61 0.00	32.71 0.54 -0.11	35.83 0.70 -0.21	35.18 0.62 -0.15	28.44 -0.37 0.00	33.19 -0.50 -0.23	32.43 -0.66 -0.21	31.32 -0.47 -0.17	26.20 -0.37 0.00	33.13 -0.30 0.00	31.80 0.62 0.00	32.64 0.58 0.00	30.39 0.62 -0.07
QUAKERRD_115KV_BK1 80622	29.09 -0.62 0.00	25.25 -0.75 0.00	25.74 -0.68 -0.09	24.42 -1.07 0.00	22.95 -1.01 0.00	23.21 -1.14 0.00	21.52 -1.01 0.00	22.44 -1.01 0.00	24.69 -1.14 0.00	25.04 -0.96 -0.07	26.89 -0.89 -0.08	28.28 -0.87 -0.04	31.22 -0.99 -0.16	33.97 -1.08 -0.13	34.10 -0.72 -0.41	29.94 -0.03 -1.15	34.92 0.00 -1.45	35.06 0.00 -2.18	34.30 0.19 -2.49	29.80 0.24 -2.99	35.81 0.13 -2.24	32.06 -0.41 -1.28	31.74 -0.64 -0.32	29.15 -0.59 -0.04

QUENSBRY_I15KV_TB8 356137	32.57	28.48	30.93	27.77	25.95	26.38	24.49	25.40	31.65	35.07	32.83	33.98	43.23	47.16	56.08	71.19	86.71	91.50	98.66	106.03	94.48	67.41	43.78	33.84
	2.85	2.47	2.40	2.19	1.99	2.02	1.96	1.95	2.30	2.46	2.55	2.74	3.01	3.28	3.10	2.68	3.28	3.09	3.38	3.11	3.84	3.49	3.43	3.06
	0.00	0.00	-2.20	-0.09	0.00	0.00	0.00	0.00	-3.52	-6.68	-2.58	-2.13	-8.16	-8.96	-18.57	-39.70	-49.96	-55.53	-63.66	-76.35	-57.20	-32.74	-8.29	-1.08
RAMAPO____LBMP 323565	31.11	27.33	28.32	26.66	24.96	25.38	23.54	24.51	27.07	27.82	29.86	30.95	34.99	37.69	39.56	40.13	47.74	53.26	54.37	53.11	53.93	43.24	36.17	31.45
	1.40	1.33	1.26	1.15	1.01	1.02	1.01	1.06	1.24	1.30	1.50	1.48	1.57	1.68	1.72	1.64	2.07	2.10	1.80	1.41	1.67	1.28	1.38	1.40
	0.00	0.00	-0.72	-0.03	0.00	0.00	0.00	0.00	0.00	-0.59	-0.67	-0.36	-1.37	-1.10	-3.43	-9.68	-12.20	-18.28	-20.95	-25.13	-18.83	-10.78	-2.73	-0.36
RANKINE____ 23646	30.07	25.88	26.52	24.80	23.38	23.60	21.90	22.82	25.00	25.46	27.21	28.68	31.66	34.35	34.82	31.33	36.56	37.03	36.75	32.32	37.83	33.15	32.38	29.85
	0.36	-0.13	0.05	-0.69	-0.57	-0.76	-0.63	-0.63	-0.83	-0.57	-0.61	-0.49	-0.64	-0.77	-0.21	0.81	0.94	0.92	1.42	1.30	1.07	0.06	-0.16	0.09
	0.00	0.00	-0.13	-0.01	0.00	0.00	0.00	0.00	0.00	-0.10	-0.12	-0.06	-0.24	-0.19	-0.61	-1.71	-2.16	-3.23	-3.71	-4.44	-3.33	-1.91	-0.48	-0.06
RAVENSWOOD_GT2_1 24244	31.32	27.59	28.56	26.92	25.18	25.62	23.79	24.79	27.35	28.15	30.17	31.29	35.37	38.12	40.08	40.86	48.73	54.49	55.63	54.44	55.06	43.95	36.60	31.82
	1.60	1.59	1.47	1.40	1.22	1.27	1.26	1.34	1.52	1.61	1.77	1.81	1.89	2.06	2.10	1.99	2.58	2.60	2.21	1.73	2.04	1.56	1.70	1.75
	0.00	0.00	-0.75	-0.03	0.00	0.00	0.00	0.00	0.00	-0.61	-0.69	-0.37	-1.42	-1.14	-3.57	-10.07	-12.69	-19.01	-21.79	-26.14	-19.59	-11.21	-2.84	-0.37
RAVENSWOOD_GT2_2 24245	31.32	27.59	28.56	26.92	25.18	25.62	23.79	24.79	27.35	28.15	30.17	31.29	35.37	38.12	40.08	40.86	48.73	54.49	55.63	54.44	55.06	43.95	36.60	31.82
	1.60	1.59	1.47	1.40	1.22	1.27	1.26	1.34	1.52	1.61	1.77	1.81	1.89	2.06	2.10	1.99	2.58	2.60	2.21	1.73	2.04	1.56	1.70	1.75
	0.00	0.00	-0.75	-0.03	0.00	0.00	0.00	0.00	0.00	-0.61	-0.69	-0.37	-1.42	-1.14	-3.57	-10.07	-12.69	-19.01	-21.79	-26.14	-19.59	-11.21	-2.84	-0.37
RAVENSWOOD_GT2_3 24246	31.35	27.59	28.56	26.94	25.20	25.65	23.79	24.79	27.38	28.18	30.19	31.32	35.40	38.16	40.11	40.89	48.73	54.49	55.66	54.47	55.09	43.98	36.60	31.82
	1.63	1.59	1.47	1.43	1.24	1.29	1.26	1.34	1.55	1.63	1.80	1.84	1.92	2.10	2.13	2.02	2.58	2.60	2.25	1.75	2.07	1.59	1.70	1.75
	0.00	0.00	-0.75	-0.03	0.00	0.00	0.00	0.00	0.00	-0.61	-0.69	-0.37	-1.42	-1.14	-3.57	-10.07	-12.69	-19.01	-21.79	-26.14	-19.59	-11.21	-2.84	-0.37
RAVENSWOOD_GT2_4 24247	31.35	27.59	28.56	26.94	25.20	25.65	23.79	24.79	27.38	28.18	30.19	31.32	35.40	38.16	40.11	40.89	48.73	54.49	55.66	54.47	55.09	43.98	36.60	31.82
	1.63	1.59	1.47	1.43	1.24	1.29	1.26	1.34	1.55	1.63	1.80	1.84	1.92	2.10	2.13	2.02	2.58	2.60	2.25	1.75	2.07	1.59	1.70	1.75
	0.00	0.00	-0.75	-0.03	0.00	0.00	0.00	0.00	0.00	-0.61	-0.69	-0.37	-1.42	-1.14	-3.57	-10.07	-12.69	-19.01	-21.79	-26.14	-19.59	-11.21	-2.84	-0.37
RAVENSWOOD_GT3_1 24248	31.32	27.59	28.56	26.92	25.20	25.62	23.79	24.79	27.35	28.18	30.17	31.29	35.40	38.12	40.08	40.89	48.73	54.49	55.63	54.47	55.06	43.95	36.60	31.82
	1.60	1.59	1.47	1.40	1.24	1.27	1.26	1.34	1.52	1.63	1.77	1.81	1.92	2.06	2.10	2.02	2.58	2.60	2.21	1.75	2.04	1.56	1.70	1.75
	0.00	0.00	-0.75	-0.03	0.00	0.00	0.00	0.00	0.00	-0.61	-0.69	-0.37	-1.42	-1.14	-3.57	-10.07	-12.69	-19.01	-21.79	-26.14	-19.59	-11.21	-2.84	-0.37
RAVENSWOOD_GT3_2 24249	31.32	27.59	28.56	26.92	25.20	25.62	23.79	24.79	27.35	28.18	30.17	31.29	35.40	38.12	40.08	40.89	48.73	54.49	55.63	54.47	55.06	43.95	36.60	31.82
	1.60	1.59	1.47	1.40	1.24	1.27	1.26	1.34	1.52	1.63	1.77	1.81	1.92	2.06	2.10	2.02	2.58	2.60	2.21	1.75	2.04	1.56	1.70	1.75
	0.00	0.00	-0.75	-0.03	0.00	0.00	0.00	0.00	0.00	-0.61	-0.69	-0.37	-1.42	-1.14	-3.57	-10.07	-12.69	-19.01	-21.79	-26.14	-19.59	-11.21	-2.84	-0.37
RAVENSWOOD_GT3_3 24250	31.47	27.67	28.67	26.97	25.23	25.65	23.81	24.81	27.40	28.20	30.25	31.35	35.43	38.23	40.18	40.95	48.80	54.56	55.69	54.49	55.12	44.01	36.66	31.85
	1.75	1.66	1.58	1.45	1.27	1.29	1.28	1.36	1.58	1.66	1.86	1.86	1.96	2.17	2.20	2.07	2.64	2.66	2.28	1.78	2.11	1.62	1.76	1.78
	0.00	0.00	-0.75	-0.03	0.00	0.00	0.00	0.00	0.00	-0.61	-0.69	-0.37	-1.42	-1.14	-3.57	-10.07	-12.69	-19.01	-21.79	-26.14	-19.59	-11.21	-2.84	-0.37
RAVENSWOOD_GT3_4 24251	31.38	27.62	28.59	26.97	25.23	25.65	23.81	24.81	27.40	28.20	30.22	31.35	35.43	38.19	40.15	40.92	48.80	54.55	55.69	54.49	55.12	44.01	36.66	31.85
	1.66	1.61	1.50	1.45	1.27	1.29	1.28	1.36	1.58	1.66	1.83	1.86	1.96	2.13	2.17	2.05	2.64	2.66	2.28	1.78	2.11	1.62	1.76	1.78
	0.00	0.00	-0.75	-0.03	0.00	0.00	0.00	0.00	0.00	-0.61	-0.69	-0.37	-1.42	-1.14	-3.57	-10.07	-12.69	-19.01	-21.79	-26.14	-19.59	-11.21	-2.84	-0.37
RAVENSWOOD_GT_1 23729	31.47	27.72	28.67	27.02	25.27	25.67	23.81	24.79	27.38	28.20	30.25	31.35	35.46	38.19	40.15	40.92	48.87	54.59	55.72	54.52	55.12	43.95	36.66	31.91
	1.75	1.72	1.58	1.50	1.32	1.31	1.28	1.34	1.55	1.66	1.86	1.86	1.99	2.13	2.17	2.05	2.71	2.70	2.31	1.81	2.11	1.56	1.76	1.84
	0.00	0.00	-0.75	-0.03	0.00	0.00	0.00	0.00	0.00	-0.61	-0.69	-0.37	-1.42	-1.14	-3.57	-10.07	-12.69	-19.01	-21.79	-26.14	-19.59	-11.21	-2.84	-0.37
RAVENSWOOD_GT_10 24258	31.41	27.62	28.64	26.92	25.18	25.62	23.79	24.76	27.38	28.18	30.19	31.29	35.40	38.16	40.11	40.89	48.73	54.49	55.63	54.44	55.09	43.95	36.60	31.79
	1.69	1.61	1.55	1.40	1.22	1.27	1.26	1.31	1.55	1.63	1.80	1.81	1.92	2.10	2.13	2.02	2.58	2.60	2.21	1.73	2.07	1.56	1.70	1.72
	0.00	0.00	-0.75	-0.03	0.00	0.00	0.00	0.00	0.00	-0.61	-0.69	-0.37	-1.42	-1.14	-3.57	-10.07	-12.69	-19.01	-21.79	-26.14	-19.59	-11.21	-2.84	-0.37
RAVENSWOOD_GT_11 24259	31.32	27.59	28.56	26.92	25.18	25.62	23.79	24.79	27.38	28.18	30.17	31.29	35.40	38.12	40.08	40.89	48.73	54.49	55.63	54.47	55.06	43.95	36.60	31.82
	1.60	1.59	1.47	1.40	1.22	1.27	1.26	1.34	1.55	1.63	1.77	1.81	1.92	2.06	2.10	2.02	2.58	2.60	2.21	1.75	2.04	1.56	1.70	1.75
	0.00	0.00	-0.75	-0.03	0.00	0.00	0.00	0.00	0.00	-0.61	-0.69	-0.37	-1.42	-1.14	-3.57	-10.07	-12.69	-19.01	-21.79	-26.14	-19.59	-11.21	-2.84	-0.37
RAVENSWOOD_GT_4 24252	31.41	27.62	28.62	26.92	25.18	25.62	23.79	24.79	27.38	28.18	30.19	31.29	35.40	38.16	40.11	40.89	48.70	54.49	55.63	54.44	55.09	43.98	36.60	31.79
	1.69	1.61	1.53	1.40	1.22	1.27	1.26	1.34	1.55	1.63	1.80	1.81	1.92	2.10	2.13	2.02	2.54	2.60	2.21	1.73	2.07	1.59	1.70	1.72
	0.00	0.00	-0.75	-0.03	0.00	0.00	0.00	0.00	0.00	-0.61	-0.69	-0.37	-1.42	-1.14	-3.57	-10.07	-12.69	-19.01	-21.79	-26.14	-19.59	-11.21	-2.84	-0.37

RAVENSWOOD_GT_5 24254	31.41 1.69 0.00	27.62 1.61 0.00	28.62 1.53 -0.75	26.92 1.40 -0.03	25.18 1.22 0.00	25.62 1.27 0.00	23.79 1.26 0.00	24.79 1.34 0.00	27.38 1.55 0.00	28.18 1.63 -0.61	30.19 1.80 -0.69	31.29 1.81 -0.37	35.40 1.92 -1.42	38.16 2.10 -1.14	40.11 2.13 -3.57	40.89 2.02 -10.07	48.70 2.54 -12.69	54.49 2.60 -19.01	55.63 2.21 -21.79	54.44 1.73 -26.14	55.09 2.07 -19.59	43.98 1.59 -11.21	36.60 1.70 -2.84	31.79 1.72 -0.37
RAVENSWOOD_GT_6 24253	31.41 1.69 0.00	27.62 1.61 0.00	28.62 1.53 -0.75	26.92 1.40 -0.03	25.18 1.22 0.00	25.62 1.27 0.00	23.79 1.26 0.00	24.79 1.34 0.00	27.38 1.55 0.00	28.18 1.63 -0.61	30.19 1.80 -0.69	31.29 1.81 -0.37	35.40 1.92 -1.42	38.16 2.10 -1.14	40.11 2.13 -3.57	40.89 2.02 -10.07	48.70 2.54 -12.69	54.49 2.60 -19.01	55.63 2.21 -21.79	54.44 1.73 -26.14	55.09 2.07 -19.59	43.98 1.59 -11.21	36.60 1.70 -2.84	31.79 1.72 -0.37
RAVENSWOOD_GT_7 24255	31.41 1.69 0.00	27.62 1.61 0.00	28.62 1.53 -0.75	26.92 1.40 -0.03	25.18 1.22 0.00	25.62 1.27 0.00	23.79 1.26 0.00	24.79 1.34 0.00	27.38 1.55 0.00	28.18 1.63 -0.61	30.19 1.80 -0.69	31.29 1.81 -0.37	35.40 1.92 -1.42	38.16 2.10 -1.14	40.11 2.13 -3.57	40.89 2.02 -10.07	48.70 2.54 -12.69	54.49 2.60 -19.01	55.63 2.21 -21.79	54.44 1.73 -26.14	55.09 2.07 -19.59	43.98 1.59 -11.21	36.60 1.70 -2.84	31.79 1.72 -0.37
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	31.41 1.69 0.00	27.62 1.61 0.00	28.64 1.55 -0.75	26.92 1.40 -0.03	25.18 1.22 0.00	25.62 1.27 0.00	23.79 1.26 0.00	24.76 1.31 0.00	27.38 1.55 0.00	28.18 1.63 -0.61	30.19 1.80 -0.69	31.29 1.81 -0.37	35.40 1.92 -1.42	38.16 2.10 -1.14	40.11 2.13 -3.57	40.89 2.02 -10.07	48.73 2.58 -12.69	54.49 2.60 -19.01	55.63 2.21 -21.79	54.44 1.73 -26.14	55.09 2.07 -19.59	43.95 1.56 -11.21	36.60 1.70 -2.84	31.79 1.72 -0.37
RAVENSWOOD_GT_9 24257	31.32 1.60 0.00	27.59 1.59 0.00	28.56 1.47 -0.75	26.92 1.40 -0.03	25.18 1.22 0.00	25.62 1.27 0.00	23.79 1.26 0.00	24.79 1.34 0.00	27.38 1.55 0.00	28.18 1.63 -0.61	30.17 1.77 -0.69	31.29 1.81 -0.37	35.40 1.92 -1.42	38.12 2.06 -1.14	40.08 2.10 -3.57	40.89 2.02 -10.07	48.73 2.58 -12.69	54.49 2.60 -19.01	55.63 2.21 -21.79	54.47 1.75 -26.14	55.06 2.04 -19.59	43.95 1.56 -11.21	36.60 1.70 -2.84	31.82 1.75 -0.37
RAVENSWOOD___1 23533	31.44 1.72 0.00	27.70 1.69 0.00	28.64 1.55 -0.75	26.99 1.48 -0.03	25.25 1.29 0.00	25.65 1.29 0.00	23.81 1.28 0.00	24.76 1.31 0.00	27.38 1.55 0.00	28.18 1.63 -0.61	30.22 1.83 -0.69	31.32 1.84 -0.37	35.43 1.96 -1.42	38.19 2.13 -1.14	40.11 2.13 -3.57	40.92 2.05 -10.07	48.84 2.68 -12.69	54.59 2.70 -19.01	55.72 2.31 -21.79	54.49 1.78 -26.14	55.12 2.11 -19.59	43.95 1.56 -11.21	36.66 1.76 -2.84	31.91 1.84 -0.37
RAVENSWOOD___2 23534	31.44 1.72 0.00	27.70 1.69 0.00	28.64 1.55 -0.75	26.97 1.45 -0.03	25.25 1.29 0.00	25.65 1.29 0.00	23.79 1.26 0.00	24.76 1.31 0.00	27.35 1.52 0.00	28.18 1.63 -0.61	30.19 1.80 -0.69	31.32 1.84 -0.37	35.43 1.96 -1.42	38.16 2.10 -1.14	40.11 2.13 -3.57	40.89 2.02 -10.07	48.84 2.68 -12.69	54.55 2.66 -19.01	55.69 2.28 -21.79	54.49 1.78 -26.14	55.12 2.11 -19.59	43.95 1.56 -11.21	36.63 1.73 -2.84	31.88 1.81 -0.37
RAVENSWOOD___3 23535	31.32 1.60 0.00	27.59 1.59 0.00	28.56 1.47 -0.75	26.92 1.40 -0.03	25.20 1.24 0.00	25.62 1.27 0.00	23.79 1.26 0.00	24.79 1.34 0.00	27.38 1.55 0.00	28.18 1.63 -0.61	30.17 1.77 -0.69	31.29 1.81 -0.37	35.40 1.92 -1.42	38.12 2.06 -1.14	40.08 2.10 -3.57	40.89 2.02 -10.07	48.73 2.58 -12.69	54.49 2.60 -19.01	55.63 2.21 -21.79	54.47 1.75 -26.14	55.06 2.04 -19.59	43.95 1.56 -11.21	36.60 1.70 -2.84	31.82 1.75 -0.37
RAVENSWOOD___4 23820	31.41 1.69 0.00	27.67 1.67 0.00	28.64 1.55 -0.75	26.97 1.45 -0.03	25.23 1.27 0.00	25.65 1.29 0.00	23.79 1.26 0.00	24.76 1.31 0.00	27.35 1.52 0.00	28.18 1.63 -0.61	30.19 1.80 -0.69	31.29 1.81 -0.37	35.43 1.96 -1.42	38.16 2.10 -1.14	40.11 2.13 -3.57	40.89 2.02 -10.07	48.80 2.64 -12.69	54.55 2.66 -19.01	55.69 2.28 -21.79	54.49 1.78 -26.14	55.09 2.07 -19.59	43.92 1.53 -11.21	36.63 1.73 -2.84	31.88 1.81 -0.37
RCPL_TRUST___DRP 24196	31.44 1.72 0.00	27.65 1.64 0.00	28.64 1.55 -0.75	26.94 1.43 -0.03	25.20 1.25 0.00	25.65 1.29 0.00	23.81 1.28 0.00	24.81 1.36 0.00	27.40 1.58 0.00	28.20 1.66 -0.61	30.22 1.83 -0.69	31.35 1.86 -0.37	35.43 1.96 -1.42	38.23 2.17 -1.14	40.15 2.17 -3.57	40.95 2.07 -10.07	48.77 2.61 -12.69	54.52 2.63 -19.01	55.66 2.25 -21.79	54.47 1.75 -26.14	55.12 2.11 -19.58	44.01 1.62 -11.21	36.63 1.73 -2.84	31.82 1.75 -0.37
RED___ROCHESTER 323720	30.13 0.42 0.00	26.01 0.00 0.00	25.92 -0.50 -0.09	25.13 -0.36 0.00	23.65 -0.31 0.00	23.84 -0.51 0.00	22.10 -0.43 0.00	23.00 -0.45 0.00	25.39 -0.44 0.00	25.79 -0.21 -0.07	27.70 -0.08 -0.08	29.10 -0.06 -0.04	32.13 -0.10 -0.17	34.95 -0.10 -0.14	35.18 0.34 -0.43	31.02 1.01 -1.20	36.18 1.20 -1.51	36.29 1.15 -2.26	35.57 1.36 -2.60	30.91 1.22 -3.11	37.17 1.40 -2.33	33.17 0.66 -1.33	32.78 0.39 -0.34	30.10 0.36 -0.04
REGAN___SOLAR 323812	33.34 3.62 0.00	29.10 3.09 0.00	31.26 2.87 -2.06	28.27 2.70 -0.09	26.43 2.47 0.00	26.87 2.51 0.00	24.90 2.37 0.00	25.63 2.18 0.00	28.15 2.33 0.00	29.97 2.33 -1.71	32.14 2.52 -1.92	32.82 2.68 -1.03	39.05 3.05 -3.95	41.44 3.35 -3.17	47.94 3.61 -9.91	59.95 3.17 -27.97	72.91 4.18 -35.26	89.18 4.37 -51.93	95.95 4.80 -59.53	102.25 4.28 -71.40	92.21 5.28 -53.49	66.57 4.77 -30.62	44.46 4.65 -7.75	34.75 4.04 -1.01
RENSSELAER___COGEN 23796	30.54 0.83 0.00	26.84 0.83 0.00	28.76 0.92 -1.51	26.52 0.97 -0.06	24.80 0.84 0.00	25.23 0.88 0.00	23.36 0.83 0.00	24.27 0.82 0.00	21.55 0.85 5.13	21.02 0.91 5.82	29.29 0.94 -0.65	29.32 0.96 0.75	30.24 1.03 2.84	30.25 1.12 5.79	31.21 1.13 4.34	36.05 0.98 -6.26	42.60 1.10 -8.03	72.04 1.08 -38.08	76.22 0.95 -43.65	79.67 0.74 -52.35	73.62 0.97 -39.22	54.44 0.81 -22.45	38.58 0.83 -5.68	31.30 0.86 -0.74
REPUBLIC_115KV_BARTNBRK 55605	34.50 4.78 0.00	30.06 4.06 0.00	32.48 3.95 -2.19	29.20 3.62 -0.09	27.24 3.28 0.00	27.69 3.34 0.00	25.77 3.24 0.00	26.66 3.21 0.00	33.39 3.85 -3.71	37.04 4.17 -6.93	34.76 4.46 -2.60	36.13 4.83 -2.18	45.61 5.19 -8.36	49.83 5.66 -9.25	58.95 5.58 -18.96	73.73 4.78 -40.14	89.87 5.89 -50.51	93.72 5.49 -55.35	100.89 5.82 -63.45	107.86 5.18 -76.10	96.97 6.52 -57.02	69.80 5.99 -32.64	46.16 5.83 -8.26	35.94 5.17 -1.08
REVERE_CPPR_DRP 24186	30.81 1.10 0.00	26.89 0.88 0.00	27.23 0.90 0.00	26.22 0.74 0.00	24.72 0.77 0.00	25.09 0.73 0.00	23.14 0.61 0.00	23.94 0.49 0.00	26.37 0.54 0.00	26.50 0.57 0.00	28.45 0.75 0.00	29.96 0.84 0.00	33.38 1.15 -0.17	36.55 1.33 -0.30	36.11 1.48 -0.22	30.25 1.44 0.00	35.50 1.71 -0.33	35.00 1.81 -0.31	33.77 1.90 -0.25	28.17 1.59 0.00	35.37 1.94 0.00	32.74 1.56 0.00	33.41 1.35 0.00	30.99 1.19 -0.11

REYNOLDS_115KV_TB3 80639	30.84 1.13 0.00	27.07 1.07 0.00	29.09 1.16 -1.59	26.65 1.10 -0.07	24.92 0.96 0.00	25.35 1.00 0.00	23.45 0.92 0.00	24.34 0.89 0.00	20.15 0.98 6.66	19.12 1.04 7.85	29.34 1.14 -0.50	29.12 1.16 1.15	28.96 1.28 4.38	28.21 1.36 8.07	28.42 1.38 7.37	33.23 1.21 -3.21	39.02 1.34 -4.22	74.42 1.35 -40.19	78.92 1.23 -46.07	82.81 0.98 -55.26	76.07 1.24 -41.40	55.94 1.06 -23.70	39.18 1.12 -6.00	31.61 1.13 -0.78
RIVERBAY____ 323610	32.13 2.41 -0.01	28.22 2.21 0.00	29.17 2.08 -0.75	27.40 1.89 -0.03	25.63 1.68 0.00	25.96 1.61 0.00	24.04 1.51 0.00	24.97 1.52 0.00	27.53 1.70 0.00	28.36 1.82 -0.61	30.47 2.08 -0.69	31.55 2.07 -0.37	35.72 2.24 -1.42	38.50 2.44 -1.14	40.42 2.44 -3.57	41.15 2.28 -10.07	49.14 2.98 -12.69	54.92 3.02 -19.01	55.98 2.56 -21.79	54.71 1.99 -26.14	55.39 2.37 -19.59	44.17 1.78 -11.21	36.95 2.05 -2.84	32.30 2.23 -0.37
RIVERSDE_115KV_TB3 55908	30.75 1.04 0.00	26.99 0.99 0.00	29.05 1.11 -1.61	26.60 1.04 -0.07	24.89 0.93 0.00	25.33 0.97 0.00	23.43 0.90 0.00	24.34 0.89 0.00	21.24 0.96 5.55	20.64 1.01 6.30	29.44 1.05 -0.68	29.40 1.11 0.82	30.14 1.19 3.10	29.93 1.29 6.28	30.96 1.31 4.77	36.51 1.15 -6.55	43.17 1.31 -8.40	74.86 1.28 -40.70	79.41 1.14 -46.66	83.46 0.93 -55.96	76.53 1.17 -41.93	56.18 1.00 -24.00	39.19 1.06 -6.08	31.53 1.04 -0.79
ROARING____BROOK_WT_PWR 323790	29.47 -0.24 0.00	25.80 -0.21 0.00	26.23 -0.10 0.00	25.36 -0.13 0.00	23.86 -0.10 0.00	24.26 -0.10 0.00	22.44 -0.09 0.00	23.40 -0.05 0.00	25.75 -0.08 0.00	25.80 -0.13 0.00	27.53 -0.17 0.00	28.94 -0.17 0.00	31.80 -0.26 0.00	34.64 -0.28 0.00	34.07 -0.34 0.00	28.26 -0.55 0.00	32.83 -0.64 0.00	32.19 -0.69 0.00	30.95 -0.67 0.00	26.01 -0.56 0.00	32.76 -0.67 0.00	30.77 -0.41 0.00	31.64 -0.42 0.00	29.19 -0.51 0.00
ROCHESRG_115KV_T4 355643	29.77 0.06 0.00	25.77 -0.23 0.00	26.32 -0.11 -0.09	24.88 -0.61 0.00	23.38 -0.57 0.00	23.63 -0.73 0.00	21.90 -0.63 0.00	22.86 -0.59 0.00	25.13 -0.70 0.00	25.51 -0.49 -0.07	27.37 -0.42 -0.08	28.78 -0.38 -0.04	31.77 -0.45 -0.17	34.53 -0.52 -0.13	34.73 -0.10 -0.42	30.58 0.58 -1.19	35.67 0.70 -1.50	35.82 0.69 -2.24	35.11 0.92 -2.57	30.53 0.88 -3.09	36.65 0.90 -2.31	32.69 0.19 -1.32	32.36 -0.03 -0.34	29.74 0.00 -0.04
ROCHESTER_9_IC 23652	29.98 0.27 0.00	25.95 -0.05 0.00	26.48 0.05 -0.09	25.00 -0.48 0.00	23.53 -0.43 0.00	23.75 -0.61 0.00	22.03 -0.50 0.00	23.01 -0.45 0.00	25.26 -0.57 0.00	25.67 -0.34 -0.07	27.56 -0.22 -0.08	28.98 -0.17 -0.04	32.00 -0.22 -0.17	34.81 -0.24 -0.14	35.01 0.17 -0.43	30.85 0.84 -1.20	35.98 1.00 -1.51	36.13 0.99 -2.26	35.42 1.20 -2.60	30.80 1.12 -3.11	36.97 1.20 -2.33	33.01 0.50 -1.33	32.65 0.26 -0.34	29.98 0.24 -0.04
ROCKVIEW_13_KV_LD 356306	31.47 1.75 0.00	27.67 1.66 0.00	28.67 1.58 -0.75	26.97 1.45 -0.03	25.23 1.27 0.00	25.67 1.32 0.00	23.81 1.28 0.00	24.81 1.36 0.00	27.40 1.58 0.00	28.23 1.69 -0.61	30.28 1.88 -0.69	31.40 1.92 -0.37	35.53 2.05 -1.42	38.30 2.23 -1.14	40.29 2.31 -3.57	41.04 2.16 -10.07	48.84 2.68 -12.69	54.59 2.70 -19.01	55.76 2.34 -21.80	54.57 1.86 -26.14	55.19 2.17 -19.59	44.07 1.68 -11.21	36.73 1.83 -2.84	31.88 1.81 -0.37
ROME____115KV_TB2 80656	30.81 1.10 0.00	26.89 0.88 0.00	27.23 0.90 0.00	26.22 0.74 0.00	24.72 0.77 0.00	25.09 0.73 0.00	23.14 0.61 0.00	23.94 0.49 0.00	26.37 0.54 0.00	26.50 0.57 0.00	28.45 0.75 0.00	29.96 0.84 0.00	33.38 1.15 -0.17	36.55 1.33 -0.30	36.11 1.48 -0.22	30.25 1.44 0.00	35.50 1.71 -0.33	35.00 1.81 -0.31	33.77 1.90 -0.25	28.17 1.59 0.00	35.37 1.94 0.00	32.74 1.56 0.00	33.41 1.35 0.00	30.99 1.19 -0.11
ROSETON____1 23587	31.05 1.34 0.00	27.31 1.30 0.00	28.30 1.21 -0.75	26.69 1.17 -0.03	24.99 1.03 0.00	25.40 1.05 0.00	23.57 1.04 0.00	24.53 1.08 0.00	27.07 1.24 0.00	27.84 1.30 -0.61	29.83 1.44 -0.69	30.94 1.46 -0.37	35.04 1.57 -1.41	37.73 1.68 -1.13	39.68 1.72 -3.55	40.46 1.64 -10.01	48.10 2.01 -12.62	53.83 2.04 -18.91	55.07 1.77 -21.68	53.98 1.41 -26.00	54.58 1.67 -19.48	43.64 1.31 -11.15	36.29 1.41 -2.82	31.49 1.43 -0.37
ROSETON____2 23588	31.05 1.34 0.00	27.31 1.30 0.00	28.30 1.21 -0.75	26.69 1.17 -0.03	24.99 1.03 0.00	25.40 1.05 0.00	23.57 1.04 0.00	24.53 1.08 0.00	27.07 1.24 0.00	27.84 1.30 -0.61	29.83 1.44 -0.69	30.94 1.46 -0.37	35.04 1.57 -1.41	37.73 1.68 -1.13	39.68 1.72 -3.55	40.46 1.64 -10.01	48.10 2.01 -12.62	53.83 2.04 -18.91	55.07 1.77 -21.68	53.98 1.41 -26.00	54.58 1.67 -19.48	43.64 1.31 -11.15	36.29 1.41 -2.82	31.49 1.43 -0.37
ROTTSDAM_115KV_TB3 80664	31.11 1.40 0.00	27.25 1.25 0.00	29.89 1.24 -2.32	26.71 1.12 -0.10	24.96 1.01 0.00	25.40 1.05 0.00	23.52 0.99 0.00	24.44 0.98 0.00	27.28 1.11 -0.34	29.49 1.17 -2.39	31.22 1.30 -2.22	31.74 1.37 -1.26	38.35 1.47 -4.83	40.63 1.61 -4.10	47.96 1.62 -11.92	62.70 1.47 -32.42	76.08 1.74 -40.87	93.09 1.71 -58.50	100.32 1.64 -67.06	108.38 1.38 -80.43	95.43 1.74 -60.26	67.20 1.53 -34.49	42.33 1.54 -8.73	32.29 1.46 -1.14
RUSSELL____1 23602	30.13 0.42 0.00	26.08 0.08 0.00	26.61 0.18 -0.09	25.13 -0.36 0.00	23.65 -0.31 0.00	23.84 -0.51 0.00	22.12 -0.41 0.00	23.10 -0.35 0.00	25.39 -0.44 0.00	25.79 -0.21 -0.07	27.73 -0.06 -0.08	29.19 0.03 -0.04	32.22 0.00 -0.17	35.02 -0.03 -0.14	35.25 0.41 -0.43	31.08 1.07 -1.20	36.29 1.31 -1.51	36.39 1.25 -2.26	35.67 1.45 -2.60	31.01 1.33 -3.11	37.23 1.47 -2.33	33.26 0.75 -1.33	32.88 0.48 -0.34	30.16 0.42 -0.04
RUSSELL____2 23532	30.13 0.42 0.00	26.08 0.08 0.00	26.61 0.18 -0.09	25.13 -0.36 0.00	23.65 -0.31 0.00	23.84 -0.51 0.00	22.12 -0.41 0.00	23.10 -0.35 0.00	25.39 -0.44 0.00	25.79 -0.21 -0.07	27.73 -0.06 -0.08	29.19 0.03 -0.04	32.22 0.00 -0.17	35.02 -0.03 -0.14	35.25 0.41 -0.43	31.08 1.07 -1.20	36.29 1.31 -1.51	36.39 1.25 -2.26	35.67 1.45 -2.60	31.01 1.33 -3.11	37.23 1.47 -2.33	33.26 0.75 -1.33	32.88 0.48 -0.34	30.16 0.42 -0.04
RUSSELL____3 23549	30.13 0.42 0.00	26.08 0.08 0.00	26.61 0.18 -0.09	25.13 -0.36 0.00	23.65 -0.31 0.00	23.84 -0.51 0.00	22.12 -0.41 0.00	23.10 -0.35 0.00	25.39 -0.44 0.00	25.79 -0.21 -0.07	27.73 -0.06 -0.08	29.19 0.03 -0.04	32.22 0.00 -0.17	35.02 -0.03 -0.14	35.25 0.41 -0.43	31.08 1.07 -1.20	36.29 1.31 -1.51	36.39 1.25 -2.26	35.67 1.45 -2.60	31.01 1.33 -3.11	37.23 1.47 -2.33	33.26 0.75 -1.33	32.88 0.48 -0.34	30.16 0.42 -0.04
RUSSELL____4 23556	30.13 0.42 0.00	26.08 0.08 0.00	26.61 0.18 -0.09	25.13 -0.36 0.00	23.65 -0.31 0.00	23.84 -0.51 0.00	22.12 -0.41 0.00	23.10 -0.35 0.00	25.39 -0.44 0.00	25.79 -0.21 -0.07	27.73 -0.06 -0.08	29.19 0.03 -0.04	32.22 0.00 -0.17	35.02 -0.03 -0.14	35.25 0.41 -0.43	31.08 1.07 -1.20	36.29 1.31 -1.51	36.39 1.25 -2.26	35.67 1.45 -2.60	31.01 1.33 -3.11	37.23 1.47 -2.33	33.26 0.75 -1.33	32.88 0.48 -0.34	30.16 0.42 -0.04

RUSSELL___STATION 23914	30.13 0.42 0.00	26.08 0.08 0.00	26.61 0.18 -0.09	25.13 -0.36 0.00	23.65 -0.31 0.00	23.84 -0.51 0.00	22.12 -0.41 0.00	23.10 -0.35 0.00	25.39 -0.44 0.00	25.79 -0.21 -0.07	27.73 -0.06 -0.08	29.19 0.03 -0.04	32.22 0.00 -0.17	35.02 -0.03 -0.14	35.25 0.41 -0.43	31.08 1.07 -1.20	36.29 1.31 -1.51	36.39 1.25 -2.26	35.67 1.45 -2.60	31.01 1.33 -3.11	37.23 1.47 -2.33	33.26 0.75 -1.33	32.88 0.48 -0.34	30.16 0.42 -0.04
S SALMON___HYD 24043	29.65 -0.06 0.00	25.85 -0.16 0.00	26.07 -0.26 0.00	25.21 -0.28 0.00	23.76 -0.19 0.00	24.11 -0.24 0.00	22.26 -0.27 0.00	23.05 -0.40 0.00	25.39 -0.44 0.00	25.54 -0.39 0.00	27.34 -0.36 0.00	28.79 -0.32 0.00	32.63 -0.26 -0.83	36.19 -0.24 -1.51	35.40 -0.10 -1.09	28.96 0.14 0.00	35.36 0.24 -1.65	34.77 0.36 -1.53	33.40 0.54 -1.24	27.05 0.48 0.00	34.00 0.57 0.00	31.56 0.38 0.00	32.19 0.13 0.00	30.30 0.06 -0.54
S.PERRY___115KV_TB1 80734	31.11 1.40 0.00	26.89 0.88 0.00	27.47 1.00 -0.13	25.85 0.36 -0.01	24.34 0.38 0.00	24.55 0.19 0.00	22.60 0.07 0.00	23.24 -0.21 0.00	25.26 -0.57 0.00	25.49 -0.54 -0.11	27.16 -0.66 -0.12	28.60 -0.58 -0.07	31.79 -0.51 -0.25	34.63 -0.49 -0.20	35.01 -0.03 -0.63	31.28 0.69 -1.78	36.75 1.04 -2.24	37.68 1.45 -3.36	37.65 2.18 -3.85	33.58 2.39 -4.62	39.76 2.88 -3.46	35.12 1.96 -1.98	34.13 1.57 -0.50	31.19 1.43 -0.07
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	29.80 0.09 0.00	25.64 -0.36 0.00	26.33 -0.13 -0.12	24.60 -0.89 -0.01	23.17 -0.79 0.00	23.36 -1.00 0.00	21.70 -0.83 0.00	22.63 -0.82 0.00	24.79 -1.03 0.00	25.22 -0.80 -0.10	26.95 -0.86 -0.11	28.42 -0.76 -0.06	31.36 -0.93 -0.23	33.99 -1.12 -0.18	34.41 -0.59 -0.58	30.93 0.49 -1.63	36.09 0.57 -2.06	36.51 0.56 -3.08	36.19 1.04 -3.53	31.78 0.98 -4.23	37.33 0.74 -3.17	32.71 -0.28 -1.81	32.04 -0.48 -0.46	29.58 -0.18 -0.06
SAWYER___23_KV_LOAD 55526	29.80 0.09 0.00	25.64 -0.36 0.00	26.33 -0.13 -0.12	24.60 -0.89 -0.01	23.17 -0.79 0.00	23.36 -1.00 0.00	21.70 -0.83 0.00	22.63 -0.82 0.00	24.79 -1.03 0.00	25.22 -0.80 -0.10	26.95 -0.86 -0.11	28.42 -0.76 -0.06	31.36 -0.93 -0.23	33.99 -1.12 -0.18	34.41 -0.59 -0.58	30.93 0.49 -1.63	36.09 0.57 -2.06	36.51 0.56 -3.08	36.19 1.04 -3.53	31.78 0.98 -4.23	37.33 0.74 -3.17	32.71 -0.28 -1.81	32.04 -0.48 -0.46	29.58 -0.18 -0.06
SELKIRK___I 23801	30.90 1.19 0.00	27.12 1.12 0.00	28.76 1.13 -1.30	26.69 1.15 -0.06	24.96 1.01 0.00	25.43 1.07 0.00	23.52 0.99 0.00	24.41 0.96 0.00	23.88 1.06 3.01	23.97 1.11 3.07	29.65 1.19 -0.76	30.13 1.25 0.24	32.55 1.38 0.88	33.62 1.47 2.77	35.31 1.48 0.58	39.31 1.30 -9.20	46.62 1.47 -11.68	67.00 1.41 -32.71	70.41 1.30 -37.49	72.60 1.06 -44.97	68.49 1.37 -33.69	51.65 1.18 -19.28	38.19 1.25 -4.88	31.55 1.22 -0.64
SELKIRK___II 23799	30.64 0.92 0.00	26.92 0.91 0.00	28.63 0.95 -1.35	26.49 0.94 -0.06	24.80 0.84 0.00	25.26 0.90 0.00	23.36 0.83 0.00	24.27 0.82 0.00	23.30 0.88 3.40	23.29 0.93 3.57	29.45 1.00 -0.75	29.81 1.02 0.33	31.96 1.12 1.22	32.80 1.19 3.31	34.40 1.20 1.21	38.74 1.09 -8.84	45.93 1.24 -11.23	68.10 1.18 -34.03	71.71 1.08 -39.02	74.24 0.88 -46.79	69.59 1.10 -35.06	52.15 0.90 -20.07	38.10 0.96 -5.08	31.31 0.95 -0.66
SENECA OSWGO___HYD 24041	29.33 -0.39 0.00	25.56 -0.44 0.00	25.76 -0.58 0.00	24.92 -0.56 0.00	23.48 -0.48 0.00	23.82 -0.54 0.00	22.03 -0.50 0.00	22.87 -0.59 0.00	25.23 -0.59 0.00	25.41 -0.52 0.00	27.17 -0.53 0.00	28.59 -0.52 0.00	32.73 -0.48 -1.15	36.50 -0.52 -2.10	35.55 -0.38 -1.51	28.75 -0.06 0.00	35.73 -0.03 -2.29	35.00 0.00 -2.12	33.43 0.10 -1.72	26.68 0.11 0.00	33.50 0.07 0.00	31.03 -0.16 0.00	31.71 -0.35 0.00	30.09 -0.36 -0.75
SENECA___115KV_TB3 355854	30.10 0.39 0.00	25.93 -0.08 0.00	26.57 0.11 -0.13	24.85 -0.64 -0.01	23.43 -0.53 0.00	23.63 -0.73 0.00	21.94 -0.59 0.00	22.84 -0.61 0.00	25.05 -0.77 0.00	25.49 -0.54 -0.10	27.24 -0.58 -0.12	28.71 -0.47 -0.06	31.69 -0.61 -0.24	34.42 -0.70 -0.19	34.88 -0.14 -0.61	31.36 0.84 -1.71	36.63 1.00 -2.16	37.10 0.99 -3.23	36.81 1.49 -3.71	32.37 1.36 -4.44	37.90 1.14 -3.33	33.21 0.12 -1.91	32.45 -0.10 -0.48	29.91 0.15 -0.06
SENECA___ENERGY 23797	29.77 0.06 0.00	25.85 -0.16 0.00	26.04 -0.39 -0.10	25.11 -0.38 0.00	23.65 -0.31 0.00	23.97 -0.39 0.00	22.17 -0.36 0.00	23.00 -0.45 0.00	25.39 -0.44 0.00	25.67 -0.34 -0.08	27.51 -0.28 -0.09	28.93 -0.23 -0.05	32.56 -0.16 -0.66	35.80 -0.14 -1.02	35.64 0.14 -1.09	30.64 0.55 -1.29	36.78 0.74 -2.58	37.01 0.82 -3.31	36.16 1.04 -3.50	30.78 0.88 -3.33	36.83 0.90 -2.50	33.08 0.47 -1.43	32.62 0.19 -0.36	30.21 0.15 -0.36
SHOEMAKER___GT 23640	30.96 1.25 0.00	27.18 1.17 0.00	28.13 1.11 -0.69	26.56 1.05 -0.03	24.87 0.91 0.00	25.28 0.93 0.00	23.43 0.90 0.00	24.36 0.91 0.00	26.86 1.03 0.00	27.58 1.09 -0.56	29.55 1.22 -0.63	30.67 1.22 -0.34	34.70 1.35 -1.30	37.43 1.47 -1.04	39.15 1.48 -3.25	39.44 1.44 -9.19	46.89 1.84 -11.58	52.14 1.91 -17.36	53.22 1.71 -19.89	51.79 1.35 -23.86	52.95 1.64 -17.88	42.69 1.28 -10.23	35.97 1.31 -2.59	31.34 1.31 -0.34
SHOEMAKR_138KV_BK 111 55601	30.99 1.28 0.00	27.20 1.20 0.00	28.18 1.16 -0.68	26.56 1.04 -0.03	24.84 0.89 0.00	25.26 0.90 0.00	23.41 0.88 0.00	24.37 0.91 0.00	26.86 1.03 0.00	27.57 1.09 -0.56	29.57 1.25 -0.63	30.70 1.25 -0.33	34.69 1.35 -1.29	37.42 1.47 -1.03	39.16 1.51 -3.23	39.41 1.47 -9.13	46.81 1.84 -11.51	52.03 1.91 -17.24	53.06 1.68 -19.76	51.61 1.33 -23.70	52.80 1.60 -17.76	42.59 1.25 -10.17	35.92 1.28 -2.57	31.31 1.28 -0.34
SHOREHAM_IC_1 23715	38.22 3.18 -5.33	34.99 2.94 -6.05	30.19 2.85 -1.01	28.29 2.75 -0.05	26.49 2.47 -0.06	26.92 2.56 -0.01	24.95 2.41 -0.01	26.02 2.56 -0.01	29.19 2.84 -0.52	34.09 2.93 -5.23	41.42 3.27 -10.45	46.27 3.23 -13.93	47.27 3.43 -11.78	44.94 3.49 -6.53	44.10 3.34 -6.35	47.22 3.05 -15.36	54.26 3.85 -16.95	66.24 3.98 -29.38	57.02 3.60 -21.80	55.35 2.63 -26.15	55.66 2.64 -19.59	45.01 2.62 -11.21	42.12 3.46 -6.60	39.07 3.33 -6.05
SHOREHAM_IC_2 23716	38.22 3.18 -5.33	34.99 2.94 -6.05	30.19 2.85 -1.01	28.29 2.75 -0.05	26.49 2.47 -0.06	26.92 2.56 -0.01	24.95 2.41 -0.01	26.02 2.56 -0.01	29.19 2.84 -0.52	34.09 2.93 -5.23	41.42 3.27 -10.45	46.27 3.23 -13.93	47.27 3.43 -11.78	44.94 3.49 -6.53	44.10 3.34 -6.35	47.22 3.05 -15.36	54.26 3.85 -16.95	66.24 3.98 -29.38	57.02 3.60 -21.80	55.35 2.63 -26.15	55.66 2.64 -19.59	45.01 2.62 -11.21	42.12 3.46 -6.60	39.07 3.33 -6.05
SISSONVILLE___ 23735	29.86 0.15 0.00	26.27 0.26 0.00	26.57 0.24 0.00	25.87 0.38 0.00	24.41 0.46 0.00	24.82 0.46 0.00	22.91 0.38 0.00	23.85 0.40 0.00	26.21 0.39 0.00	26.21 0.29 0.00	28.00 0.30 0.00	29.38 0.26 0.00	32.28 0.10 -0.12	35.29 0.14 -0.23	34.61 0.03 -0.16	28.00 -0.81 0.00	32.71 -1.00 -0.25	31.96 -1.15 -0.23	30.79 -1.01 -0.19	25.75 -0.82 0.00	32.56 -0.87 0.00	31.31 0.12 0.00	32.16 0.10 0.00	29.99 0.21 -0.08

SITHE_IND_GS1 24169	28.85 -0.86 0.00	25.17 -0.83 0.00	25.39 -0.95 0.00	24.59 -0.89 0.00	23.12 -0.84 0.00	23.48 -0.88 0.00	21.72 -0.81 0.00	22.58 -0.87 0.00	24.90 -0.93 0.00	25.05 -0.88 0.00	26.76 -0.94 0.00	28.15 -0.96 0.00	27.74 -0.99 3.32	27.80 -1.08 6.03	29.10 -0.96 4.35	28.20 -0.61 0.00	26.17 -0.70 6.59	26.12 -0.66 6.10	26.12 -0.57 4.93	26.12 -0.45 0.00	32.83 -0.60 0.00	30.43 -0.75 0.00	31.16 -0.90 0.00	26.71 -0.83 2.15
SITHE_IND_GS2 24170	28.85 -0.86 0.00	25.17 -0.83 0.00	25.39 -0.95 0.00	24.59 -0.89 0.00	23.12 -0.84 0.00	23.48 -0.88 0.00	21.72 -0.81 0.00	22.58 -0.87 0.00	24.90 -0.93 0.00	25.05 -0.88 0.00	26.76 -0.94 0.00	28.15 -0.96 0.00	27.74 -0.99 3.32	27.80 -1.08 6.03	29.10 -0.96 4.35	28.20 -0.61 0.00	26.17 -0.70 6.59	26.12 -0.66 6.10	26.12 -0.57 4.93	26.12 -0.45 0.00	32.83 -0.60 0.00	30.43 -0.75 0.00	31.16 -0.90 0.00	26.71 -0.83 2.15
SITHE_IND_GS3 24171	28.85 -0.86 0.00	25.17 -0.83 0.00	25.39 -0.95 0.00	24.59 -0.89 0.00	23.12 -0.84 0.00	23.48 -0.88 0.00	21.72 -0.81 0.00	22.58 -0.87 0.00	24.90 -0.93 0.00	25.05 -0.88 0.00	26.76 -0.94 0.00	28.15 -0.96 0.00	27.74 -0.99 3.32	27.80 -1.08 6.03	29.10 -0.96 4.35	28.20 -0.61 0.00	26.17 -0.70 6.59	26.12 -0.66 6.10	26.12 -0.57 4.93	26.12 -0.45 0.00	32.83 -0.60 0.00	30.43 -0.75 0.00	31.16 -0.90 0.00	26.71 -0.83 2.15
SITHE_IND_GS4 24172	28.85 -0.86 0.00	25.17 -0.83 0.00	25.39 -0.95 0.00	24.59 -0.89 0.00	23.12 -0.84 0.00	23.48 -0.88 0.00	21.72 -0.81 0.00	22.58 -0.87 0.00	24.90 -0.93 0.00	25.05 -0.88 0.00	26.76 -0.94 0.00	28.15 -0.96 0.00	27.74 -0.99 3.32	27.80 -1.08 6.03	29.10 -0.96 4.35	28.20 -0.61 0.00	26.17 -0.70 6.59	26.12 -0.66 6.10	26.12 -0.57 4.93	26.12 -0.45 0.00	32.83 -0.60 0.00	30.43 -0.75 0.00	31.16 -0.90 0.00	26.71 -0.83 2.15
SITHE___BATAVIA 24024	30.48 0.77 0.00	26.19 0.18 0.00	25.86 -0.58 -0.11	25.13 -0.36 0.00	23.72 -0.24 0.00	23.89 -0.46 0.00	22.10 -0.43 0.00	22.91 -0.54 0.00	25.23 -0.59 0.00	25.68 -0.34 -0.09	27.47 -0.33 -0.10	28.87 -0.29 -0.05	31.84 -0.42 -0.20	34.63 -0.45 -0.16	35.06 0.14 -0.50	31.27 1.04 -1.42	36.56 1.30 -1.79	36.88 1.32 -2.68	36.40 1.71 -3.07	31.85 1.59 -3.68	37.93 1.74 -2.76	33.48 0.72 -1.58	32.91 0.45 -0.40	30.31 0.56 -0.05
SITHE___INDEPEND 23800	28.85 -0.86 0.00	25.20 -0.81 0.00	25.52 -0.82 0.00	24.59 -0.89 0.00	23.12 -0.84 0.00	23.48 -0.88 0.00	21.74 -0.79 0.00	22.61 -0.84 0.00	24.90 -0.93 0.00	25.05 -0.88 0.00	26.79 -0.91 0.00	28.18 -0.93 0.00	27.74 -0.99 3.32	27.80 -1.08 6.03	29.13 -0.93 4.35	28.21 -0.61 0.00	26.21 -0.67 6.59	26.15 -0.62 6.10	26.12 -0.57 4.93	26.12 -0.45 0.00	32.83 -0.60 0.00	30.43 -0.75 0.00	31.19 -0.87 0.00	26.71 -0.83 2.15
SITHE___MASSENA 23902	29.92 0.21 0.00	26.16 0.16 0.00	26.68 0.34 0.00	25.74 0.25 0.00	24.27 0.31 0.00	24.67 0.32 0.00	22.80 0.27 0.00	23.78 0.33 0.00	26.11 0.28 0.00	26.11 0.18 0.00	27.89 0.20 0.00	29.26 0.15 0.00	31.99 -0.06 0.00	34.89 -0.03 0.00	34.28 -0.14 0.00	27.95 -0.86 0.00	32.39 -1.07 0.00	31.63 -1.25 0.00	30.45 -1.17 0.00	25.62 -0.96 0.00	32.36 -1.07 0.00	31.06 -0.12 0.00	32.00 -0.06 0.00	29.73 0.03 0.00
SITHE___OGDNSBRG 24021	30.13 0.42 0.00	26.47 0.47 0.00	26.78 0.45 0.00	26.12 0.64 0.00	24.65 0.69 0.00	25.06 0.71 0.00	23.09 0.56 0.00	24.01 0.56 0.00	26.37 0.54 0.00	26.37 0.44 0.00	28.17 0.47 0.00	29.55 0.44 0.00	32.47 0.32 -0.10	35.51 0.42 -0.17	34.88 0.34 -0.13	28.23 -0.58 0.00	32.92 -0.74 -0.19	32.17 -0.89 -0.18	31.07 -0.70 -0.14	26.04 -0.53 0.00	32.93 -0.50 0.00	31.62 0.44 0.00	32.48 0.42 0.00	30.23 0.48 -0.06
SITHE___STERLING 23777	30.52 0.80 0.00	26.63 0.62 0.00	26.86 0.53 0.00	25.97 0.48 0.00	24.48 0.53 0.00	24.87 0.51 0.00	22.94 0.41 0.00	23.75 0.30 0.00	26.19 0.36 0.00	26.32 0.39 0.00	28.20 0.50 0.00	29.70 0.58 0.00	33.11 0.87 -0.19	36.23 0.98 -0.34	35.79 1.13 -0.24	29.96 1.15 0.00	35.21 1.37 -0.37	34.67 1.45 -0.34	33.41 1.52 -0.28	27.85 1.28 0.00	34.97 1.54 0.00	32.37 1.18 0.00	33.06 0.99 0.00	30.71 0.89 -0.12
SLEIGHT__34_KV_TB1 80719	30.54 0.83 0.00	26.55 0.55 0.00	27.03 0.61 -0.09	25.72 0.23 0.00	24.22 0.26 0.00	24.55 0.19 0.00	22.67 0.14 0.00	23.61 0.16 0.00	26.06 0.23 0.00	26.42 0.41 -0.07	28.39 0.61 -0.08	29.89 0.73 -0.04	33.61 0.99 -0.56	36.88 1.12 -0.84	36.76 1.41 -0.93	31.59 1.58 -1.19	37.65 1.91 -2.28	37.81 1.97 -2.96	36.83 2.06 -3.15	31.44 1.78 -3.09	37.78 2.04 -2.31	34.03 1.53 -1.32	33.55 1.15 -0.34	31.00 1.01 -0.30
SOUTH CAIRO___GT 23612	32.06 2.35 0.00	28.06 2.05 0.00	29.51 1.95 -1.23	27.55 2.01 -0.05	25.80 1.84 0.00	26.18 1.83 0.00	24.24 1.71 0.00	25.19 1.74 0.00	25.03 2.12 2.91	25.13 2.20 3.00	30.79 2.38 -0.71	31.34 2.47 0.24	34.03 2.89 0.91	35.38 3.18 2.72	36.85 3.13 0.69	40.05 2.68 -8.56	47.64 3.31 -10.86	66.88 2.96 -31.04	70.05 2.85 -35.58	71.67 2.42 -42.68	68.45 3.04 -31.98	52.07 2.59 -18.30	39.16 2.47 -4.63	32.47 2.17 -0.61
SOUTH HAMPTN___IC 23720	38.79 3.74 -5.33	35.46 3.41 -6.05	30.64 3.29 -1.01	28.72 3.19 -0.05	26.89 2.87 -0.06	27.31 2.95 -0.01	25.33 2.79 -0.01	26.44 2.98 -0.01	29.70 3.36 -0.52	34.66 3.50 -5.23	42.08 3.93 -10.45	46.81 3.96 -13.74	47.92 4.26 -11.60	45.88 4.47 -6.49	45.10 4.34 -6.35	47.98 3.92 -15.25	55.27 4.85 -16.95	66.81 4.97 -28.97	57.94 4.52 -21.80	56.09 3.38 -26.15	56.50 3.48 -19.59	45.70 3.30 -11.21	42.76 4.10 -6.60	39.64 3.89 -6.05
SOUTHDOW__115KV_TB1 355954	30.99 1.28 0.00	26.71 0.70 0.00	27.32 0.84 -0.14	25.59 0.10 -0.01	24.15 0.19 0.00	24.36 0.00 0.00	22.64 0.11 0.00	23.57 0.12 0.00	25.90 0.08 0.00	26.38 0.34 -0.11	28.21 0.39 -0.13	29.76 0.58 -0.07	32.86 0.54 -0.26	35.69 0.56 -0.21	36.24 1.17 -0.66	32.68 2.02 -1.85	38.21 2.41 -2.34	38.68 2.30 -3.50	38.54 2.91 -4.01	33.85 2.47 -4.81	39.41 2.37 -3.60	34.52 1.28 -2.06	33.45 0.87 -0.52	30.69 0.92 -0.07
SOUTHOLD_69_KV_BK 2 55809	39.62 4.58 -5.33	36.14 4.08 -6.05	31.38 4.03 -1.01	29.28 3.75 -0.05	27.42 3.40 -0.06	27.84 3.48 0.00	25.80 3.27 0.00	26.94 3.49 0.00	30.32 3.98 -0.52	35.44 4.28 -5.23	42.92 4.76 -10.45	47.69 4.83 -13.74	48.91 5.26 -11.60	47.00 5.59 -6.49	46.24 5.47 -6.35	48.99 4.93 -15.25	56.44 6.02 -16.95	68.00 6.15 -28.97	58.89 5.47 -21.80	56.84 4.12 -26.15	57.50 4.48 -19.59	46.45 4.05 -11.21	43.56 4.91 -6.60	40.35 4.60 -6.05
SOUTHOLD___IC 23719	39.53 4.49 -5.33	36.09 4.03 -6.05	31.22 3.87 -1.01	29.28 3.75 -0.05	27.42 3.40 -0.06	27.85 3.48 -0.01	25.80 3.27 -0.01	26.95 3.49 -0.01	30.32 3.98 -0.52	35.36 4.20 -5.23	42.89 4.74 -10.45	47.69 4.83 -13.74	48.88 5.23 -11.60	46.96 5.55 -6.49	46.20 5.44 -6.35	48.96 4.90 -15.25	56.44 6.02 -16.95	68.00 6.15 -28.97	59.05 5.63 -21.80	56.97 4.25 -26.15	57.47 4.45 -19.59	46.51 4.12 -11.21	43.56 4.91 -6.60	40.35 4.60 -6.05

SPIERFLS_115KV_TB 1 80737	32.36 2.64 0.00	28.32 2.31 0.00	30.78 2.24 -2.21	27.64 2.06 -0.09	25.80 1.84 0.00	26.26 1.90 0.00	24.36 1.82 0.00	25.26 1.81 0.00	31.34 2.14 -3.37	34.68 2.28 -6.47	32.59 2.33 -2.56	33.70 2.50 -2.09	42.81 2.76 -8.00	46.64 3.00 -8.72	55.44 2.79 -18.24	70.60 2.45 -39.34	85.93 2.95 -49.52	91.32 2.76 -55.68	98.51 3.07 -63.82	106.02 2.90 -76.55	94.36 3.58 -57.35	67.25 3.24 -32.83	43.55 3.17 -8.31	33.63 2.85 -1.09
ST LAWRENCE____ 23600	29.39 -0.33 0.00	25.72 -0.29 0.00	26.23 -0.10 0.00	25.33 -0.15 0.00	23.86 -0.10 0.00	24.26 -0.10 0.00	22.42 -0.11 0.00	23.40 -0.05 0.00	25.72 -0.10 0.00	25.72 -0.21 0.00	27.45 -0.25 0.00	28.79 -0.32 0.00	31.61 -0.45 0.00	34.47 -0.45 0.00	33.80 -0.62 0.00	27.83 -0.98 0.00	32.29 -1.17 0.00	31.60 -1.28 0.00	30.42 -1.20 0.00	25.56 -1.01 0.00	32.26 -1.17 0.00	30.62 -0.56 0.00	31.58 -0.48 0.00	29.22 -0.48 0.00
STATE_CA_115KV_115_LB 55624	30.75 1.04 0.00	26.99 0.99 0.00	29.16 1.11 -1.72	26.63 1.07 -0.07	24.89 0.93 0.00	25.33 0.97 0.00	23.45 0.92 0.00	24.37 0.91 0.00	22.51 0.96 4.27	22.51 1.04 4.45	29.75 1.08 -0.97	29.86 1.14 0.39	31.83 1.25 1.47	32.14 1.33 4.11	34.37 1.34 1.38	41.47 1.18 -11.48	49.42 1.37 -14.59	77.49 1.32 -43.30	82.46 1.20 -49.63	87.06 0.96 -59.53	79.24 1.20 -44.60	57.77 1.06 -25.53	39.61 1.09 -6.46	31.61 1.07 -0.85
STATE_ST_34_KV_LOAD 55959	30.04 0.33 0.00	26.16 0.16 0.00	26.61 0.18 -0.10	25.41 -0.08 0.00	23.91 -0.05 0.00	24.28 -0.07 0.00	22.42 -0.11 0.00	23.33 -0.12 0.00	25.75 -0.08 0.00	26.06 0.05 -0.08	27.95 0.17 -0.09	29.39 0.23 -0.05	33.20 0.38 -0.76	36.60 0.49 -1.19	36.34 0.72 -1.21	30.95 0.86 -1.27	37.29 1.07 -2.75	37.52 1.18 -3.46	36.49 1.26 -3.61	30.98 1.12 -3.30	37.14 1.24 -2.47	33.47 0.87 -1.41	32.96 0.55 -0.36	30.59 0.48 -0.42
STATION 5_MISC_HYD 23604	29.95 0.24 0.00	25.88 -0.13 0.00	25.79 -0.63 -0.09	25.03 -0.46 0.00	23.53 -0.43 0.00	23.75 -0.61 0.00	22.01 -0.52 0.00	22.91 -0.54 0.00	25.26 -0.57 0.00	25.66 -0.34 -0.07	27.53 -0.25 -0.08	28.92 -0.23 -0.04	31.93 -0.29 -0.17	34.71 -0.35 -0.14	34.94 0.10 -0.43	30.79 0.78 -1.20	35.92 0.94 -1.51	36.03 0.89 -2.26	35.32 1.11 -2.60	30.69 1.01 -3.11	36.90 1.14 -2.33	32.92 0.40 -1.33	32.56 0.16 -0.34	29.92 0.18 -0.04
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	30.07 0.36 0.00	26.08 0.08 0.00	26.58 0.16 -0.09	25.21 -0.28 0.00	23.72 -0.24 0.00	23.99 -0.37 0.00	22.22 -0.32 0.00	23.17 -0.28 0.00	25.49 -0.34 0.00	25.87 -0.13 -0.07	27.78 0.00 -0.08	29.22 0.06 -0.04	32.44 0.10 -0.29	35.39 0.10 -0.36	35.49 0.48 -0.59	31.02 1.01 -1.20	36.47 1.24 -1.76	36.62 1.25 -2.49	35.79 1.39 -2.78	30.93 1.25 -3.11	37.17 1.40 -2.33	33.30 0.78 -1.34	32.88 0.48 -0.34	30.24 0.42 -0.13
STA_56_34_KV_BUS2_REV_LBMP_B 345033	29.77 0.06 0.00	25.80 -0.21 0.00	26.32 -0.11 -0.09	24.90 -0.59 0.00	23.41 -0.55 0.00	23.65 -0.71 0.00	21.92 -0.61 0.00	22.89 -0.56 0.00	25.15 -0.67 0.00	25.56 -0.44 -0.07	27.48 -0.30 -0.08	28.90 -0.26 -0.04	31.90 -0.32 -0.17	34.67 -0.38 -0.13	34.87 0.03 -0.42	30.72 0.72 -1.19	35.83 0.87 -1.50	35.98 0.85 -2.24	35.23 1.04 -2.57	30.61 0.96 -3.08	36.78 1.04 -2.31	32.84 0.34 -1.32	32.49 0.10 -0.33	29.80 0.06 -0.04
STA_56____34_KV_BUS2 355983	29.77 0.06 0.00	25.80 -0.21 0.00	26.32 -0.11 -0.09	24.90 -0.59 0.00	23.41 -0.55 0.00	23.65 -0.71 0.00	21.92 -0.61 0.00	22.89 -0.56 0.00	25.15 -0.67 0.00	25.56 -0.44 -0.07	27.48 -0.30 -0.08	28.90 -0.26 -0.04	31.90 -0.32 -0.17	34.67 -0.38 -0.13	34.87 0.03 -0.42	30.72 0.72 -1.19	35.83 0.87 -1.50	35.98 0.85 -2.24	35.23 1.04 -2.57	30.61 0.96 -3.08	36.78 1.04 -2.31	32.84 0.34 -1.32	32.49 0.10 -0.33	29.80 0.06 -0.04
STA_67____115KV_BK2 355882	29.89 0.18 0.00	25.88 -0.13 0.00	26.42 0.00 -0.09	24.95 -0.54 0.00	23.48 -0.48 0.00	23.70 -0.66 0.00	21.99 -0.54 0.00	22.93 -0.52 0.00	25.21 -0.62 0.00	25.61 -0.39 -0.07	27.48 -0.30 -0.08	28.92 -0.23 -0.04	31.94 -0.29 -0.17	34.71 -0.35 -0.14	34.91 0.07 -0.42	30.76 0.75 -1.20	35.88 0.90 -1.51	36.03 0.89 -2.26	35.32 1.11 -2.59	30.72 1.04 -3.11	36.86 1.10 -2.33	32.89 0.37 -1.33	32.56 0.16 -0.34	29.89 0.15 -0.04
STA_7____115KV_9TRANS 80674	30.13 0.42 0.00	26.08 0.08 0.00	26.61 0.18 -0.09	25.13 -0.36 0.00	23.65 -0.31 0.00	23.84 -0.51 0.00	22.12 -0.41 0.00	23.10 -0.35 0.00	25.39 -0.44 0.00	25.79 -0.21 -0.07	27.73 -0.06 -0.08	29.19 0.03 -0.04	32.22 0.00 -0.17	35.02 -0.03 -0.14	35.25 0.41 -0.43	31.08 1.07 -1.20	36.29 1.31 -1.51	36.39 1.25 -2.26	35.67 1.45 -2.60	31.01 1.33 -3.11	37.23 1.47 -2.33	33.26 0.75 -1.33	32.88 0.48 -0.34	30.16 0.42 -0.04
STA_82____115KV_TB1 80780	29.92 0.21 0.00	25.90 -0.10 0.00	26.43 0.00 -0.09	24.98 -0.51 0.00	23.48 -0.48 0.00	23.72 -0.63 0.00	21.99 -0.54 0.00	22.96 -0.49 0.00	25.23 -0.59 0.00	25.61 -0.39 -0.07	27.51 -0.28 -0.08	28.93 -0.23 -0.04	31.94 -0.29 -0.17	34.71 -0.35 -0.14	34.91 0.07 -0.43	30.80 0.78 -1.21	35.93 0.94 -1.52	36.04 0.89 -2.28	35.37 1.14 -2.61	30.74 1.04 -3.13	36.91 1.14 -2.34	32.93 0.41 -1.34	32.56 0.16 -0.34	29.92 0.18 -0.04
STEEL____WIND 323596	30.07 0.36 0.00	25.80 -0.21 0.00	25.54 -0.92 -0.13	24.83 -0.66 -0.01	23.41 -0.55 0.00	23.60 -0.76 0.00	21.92 -0.61 0.00	22.70 -0.75 0.00	25.03 -0.80 0.00	25.46 -0.57 -0.10	27.18 -0.64 -0.12	28.62 -0.55 -0.06	31.56 -0.74 -0.24	34.31 -0.80 -0.19	34.75 -0.28 -0.61	31.24 0.72 -1.71	36.50 0.87 -2.16	36.97 0.85 -3.23	36.65 1.33 -3.71	32.24 1.22 -4.44	37.80 1.04 -3.33	33.09 0.00 -1.91	32.32 -0.22 -0.48	29.82 0.06 -0.06
STEPHTWN_115KV_BK_2 55603	30.90 1.19 0.00	27.10 1.09 0.00	29.06 1.21 -1.51	26.72 1.17 -0.06	24.99 1.03 0.00	25.43 1.07 0.00	23.54 1.01 0.00	24.46 1.01 0.00	21.78 1.08 5.13	21.28 1.17 5.82	29.57 1.22 -0.65	29.64 1.28 0.75	30.63 1.41 2.84	30.66 1.54 5.79	31.63 1.55 4.34	36.40 1.33 -6.26	43.07 1.57 -8.03	72.47 1.51 -38.08	76.66 1.39 -43.65	80.04 1.12 -52.35	74.06 1.40 -39.22	54.85 1.22 -22.45	39.00 1.25 -5.68	31.63 1.19 -0.74
STEBEN_REC_LFGE 323667	30.96 1.25 0.00	26.73 0.73 0.00	27.35 0.84 -0.17	25.70 0.20 -0.01	24.24 0.29 0.00	24.50 0.15 0.00	22.69 0.16 0.00	23.54 0.09 0.00	25.85 0.03 0.00	26.22 0.16 -0.14	28.05 0.19 -0.16	29.58 0.38 -0.08	33.07 0.51 -0.50	36.09 0.59 -0.58	36.53 1.07 -1.05	32.78 1.67 -2.30	38.76 2.04 -3.25	39.74 2.20 -4.66	39.51 2.66 -5.23	34.90 2.36 -5.96	40.41 2.51 -4.47	35.30 1.56 -2.56	33.86 1.15 -0.65	31.02 1.13 -0.20
STONY____BROOK 24151	38.01 2.97 -5.33	34.81 2.76 -6.05	29.98 2.63 -1.01	28.08 2.55 -0.05	26.30 2.28 -0.06	26.75 2.39 -0.01	24.79 2.25 -0.01	25.83 2.37 -0.01	28.98 2.64 -0.52	33.91 2.75 -5.23	41.20 3.05 -10.46	47.21 3.12 -14.98	48.13 3.27 -12.81	45.12 3.46 -6.74	44.21 3.44 -6.35	47.87 3.11 -15.95	54.23 3.81 -16.95	68.43 3.85 -31.70	56.84 3.42 -21.80	55.30 2.58 -26.15	55.63 2.61 -19.59	44.89 2.50 -11.21	41.86 3.21 -6.60	38.84 3.09 -6.05

STURGEON_POOL_HYD 23609	31.23 1.52 0.00	27.44 1.43 0.00	28.40 1.21 -0.85	26.67 1.15 -0.04	25.01 1.05 0.00	25.43 1.07 0.00	23.57 1.04 0.00	24.53 1.08 0.00	26.52 1.37 0.68	27.09 1.40 0.24	29.99 1.61 -0.69	30.97 1.63 -0.22	34.68 1.76 -0.86	37.07 1.92 -0.22	38.87 1.93 -2.53	40.26 1.87 -9.58	47.94 2.38 -12.10	56.62 2.17 -21.57	58.18 1.83 -24.73	57.66 1.43 -29.66	57.42 1.77 -22.22	45.21 1.31 -12.72	36.63 1.35 -3.22	31.42 1.31 -0.42
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	31.11 1.40 0.00	27.31 1.30 0.00	28.28 1.24 -0.70	26.64 1.12 -0.03	24.94 0.98 0.00	25.35 1.00 0.00	23.50 0.97 0.00	24.46 1.01 0.00	27.01 1.19 0.00	27.75 1.24 -0.57	29.76 1.41 -0.65	30.89 1.43 -0.34	34.92 1.54 -1.33	37.66 1.68 -1.06	39.43 1.69 -3.33	39.81 1.61 -9.39	47.35 2.04 -11.84	52.72 2.10 -17.74	53.75 1.80 -20.33	52.39 1.43 -24.39	53.44 1.74 -18.27	42.95 1.31 -10.46	36.09 1.38 -2.65	31.41 1.37 -0.35
SWANROAD_115KV_TB1 355699	29.42 -0.30 0.00	25.33 -0.68 0.00	25.82 -0.63 -0.12	24.09 -1.40 -0.01	22.88 -1.08 0.00	23.07 -1.29 0.00	21.27 -1.26 0.00	22.18 -1.27 0.00	24.28 -1.55 0.00	24.70 -1.32 -0.09	26.42 -1.38 -0.11	27.83 -1.34 -0.06	30.67 -1.60 -0.22	33.28 -1.82 -0.18	33.66 -1.31 -0.55	30.19 -0.17 -1.56	35.23 -0.20 -1.96	35.62 -0.20 -2.93	35.30 0.32 -3.36	31.00 0.40 -4.03	36.49 0.03 -3.02	31.94 -0.97 -1.73	31.41 -1.09 -0.44	29.01 -0.74 -0.06
SYNERGY___BIOGAS 323694	30.48 0.77 0.00	26.19 0.18 0.00	25.86 -0.58 -0.11	25.13 -0.36 0.00	23.72 -0.24 0.00	23.89 -0.46 0.00	22.10 -0.43 0.00	22.91 -0.54 0.00	25.23 -0.59 0.00	25.68 -0.34 -0.09	27.47 -0.33 -0.10	28.87 -0.29 -0.05	31.84 -0.42 -0.20	34.63 -0.45 -0.16	35.06 0.14 -0.50	31.27 1.04 -1.42	36.56 1.30 -1.79	36.88 1.32 -2.68	36.40 1.71 -3.07	31.85 1.59 -3.68	37.93 1.74 -2.76	33.48 0.72 -1.58	32.91 0.45 -0.40	30.31 0.56 -0.05
SYRACUSE___ENERGY_ST1 323597	29.68 -0.03 0.00	25.90 -0.10 0.00	26.30 -0.11 -0.07	25.21 -0.28 0.00	23.74 -0.22 0.00	24.09 -0.27 0.00	22.28 -0.25 0.00	23.17 -0.28 0.00	25.54 -0.28 0.00	25.78 -0.21 -0.06	27.60 -0.17 -0.07	29.03 -0.12 -0.04	32.84 0.00 -0.78	36.24 0.03 -1.28	35.81 0.21 -1.19	30.18 0.40 -0.97	36.47 0.50 -2.50	36.45 0.56 -3.01	35.27 0.60 -3.05	29.64 0.56 -2.51	35.88 0.57 -1.88	32.57 0.31 -1.08	32.43 0.10 -0.27	30.21 0.06 -0.45
SYRACUSE___ENERGY_ST2 323598	29.68 -0.03 0.00	25.90 -0.10 0.00	26.30 -0.11 -0.07	25.21 -0.28 0.00	23.74 -0.22 0.00	24.09 -0.27 0.00	22.28 -0.25 0.00	23.17 -0.28 0.00	25.54 -0.28 0.00	25.78 -0.21 -0.06	27.60 -0.17 -0.07	29.03 -0.12 -0.04	32.84 0.00 -0.78	36.24 0.03 -1.28	35.81 0.21 -1.19	30.18 0.40 -0.97	36.47 0.50 -2.50	36.45 0.56 -3.01	35.27 0.60 -3.05	29.64 0.56 -2.51	35.88 0.57 -1.88	32.57 0.31 -1.08	32.43 0.10 -0.27	30.21 0.06 -0.45
SYRACUSE___POWER 24017	29.56 -0.15 0.00	25.77 -0.23 0.00	26.20 -0.21 -0.08	25.11 -0.38 0.00	23.65 -0.31 0.00	23.99 -0.37 0.00	22.19 -0.34 0.00	23.10 -0.35 0.00	25.44 -0.39 0.00	25.68 -0.31 -0.06	27.46 -0.30 -0.07	28.92 -0.23 -0.04	32.46 -0.16 -0.57	35.63 -0.17 -0.89	35.33 0.00 -0.92	30.08 0.26 -1.01	35.92 0.33 -2.12	35.97 0.39 -2.69	34.89 0.44 -2.82	29.63 0.43 -2.63	35.84 0.43 -1.97	32.46 0.16 -1.13	32.28 -0.06 -0.29	29.92 -0.09 -0.31
TALLMAN__138KV_BK151 55660	31.20 1.49 0.00	27.41 1.40 0.00	28.40 1.34 -0.72	26.74 1.22 -0.03	25.01 1.05 0.00	25.45 1.10 0.00	23.61 1.08 0.00	24.58 1.13 0.00	27.14 1.32 0.00	27.92 1.40 -0.59	29.94 1.58 -0.66	31.07 1.60 -0.35	35.08 1.67 -1.36	37.83 1.82 -1.09	39.66 1.82 -3.42	40.22 1.76 -9.65	47.84 2.21 -12.17	53.35 2.24 -18.23	54.45 1.93 -20.90	53.13 1.49 -25.07	53.98 1.77 -18.78	43.30 1.37 -10.75	36.26 1.47 -2.72	31.54 1.48 -0.36
TEALLAVE_115KV_TB7 355573	29.45 -0.27 0.00	25.69 -0.31 0.00	26.08 -0.32 -0.06	25.00 -0.48 0.00	23.57 -0.38 0.00	23.92 -0.44 0.00	22.12 -0.41 0.00	23.01 -0.45 0.00	25.36 -0.46 0.00	25.59 -0.39 -0.05	27.37 -0.39 -0.06	28.79 -0.35 -0.03	32.23 -0.29 -0.46	35.36 -0.28 -0.72	35.02 -0.14 -0.74	29.77 0.14 -0.81	35.38 0.20 -1.71	35.31 0.26 -2.17	34.20 0.32 -2.27	28.97 0.29 -2.10	35.31 0.30 -1.57	32.11 0.03 -0.90	32.10 -0.19 -0.23	29.74 -0.21 -0.25
TELGRAPH_34_KV_EAST 80808	30.10 0.39 0.00	25.93 -0.08 0.00	26.44 0.00 -0.11	24.75 -0.74 0.00	23.38 -0.57 0.00	23.58 -0.78 0.00	21.79 -0.74 0.00	22.75 -0.70 0.00	24.92 -0.90 0.00	25.37 -0.65 -0.09	27.16 -0.64 -0.10	28.59 -0.58 -0.05	31.52 -0.74 -0.21	34.21 -0.87 -0.17	34.63 -0.31 -0.52	30.97 0.69 -1.47	36.16 0.84 -1.86	36.48 0.82 -2.78	36.10 1.30 -3.18	31.61 1.22 -3.82	37.43 1.14 -2.86	32.94 0.12 -1.64	32.38 -0.10 -0.41	29.87 0.12 -0.05
TEMPLE___115KV_TB 2 55572	29.48 -0.24 0.00	25.69 -0.31 0.00	26.11 -0.29 -0.06	25.03 -0.46 0.00	23.57 -0.38 0.00	23.94 -0.41 0.00	22.15 -0.38 0.00	23.03 -0.42 0.00	25.39 -0.44 0.00	25.62 -0.36 -0.05	27.37 -0.39 -0.06	28.82 -0.32 -0.03	32.26 -0.26 -0.46	35.40 -0.24 -0.72	35.06 -0.10 -0.75	29.84 0.20 -0.83	35.43 0.23 -1.73	35.37 0.30 -2.19	34.27 0.35 -2.30	29.03 0.32 -2.14	35.37 0.33 -1.60	32.16 0.06 -0.92	32.13 -0.16 -0.23	29.77 -0.18 -0.26
TIANA____69_KV_BK 1 55817	38.67 3.62 -5.33	35.36 3.30 -6.05	30.61 3.27 -1.01	28.57 3.03 -0.05	26.75 2.73 -0.06	27.18 2.83 0.00	25.21 2.68 0.00	26.29 2.84 0.00	29.55 3.20 -0.52	34.56 3.40 -5.23	41.89 3.74 -10.45	46.61 3.76 -13.74	47.66 4.01 -11.60	45.64 4.23 -6.49	44.86 4.10 -6.35	47.75 3.69 -15.25	54.97 4.55 -16.95	66.55 4.70 -28.97	57.56 4.14 -21.80	55.75 3.03 -26.15	56.30 3.28 -19.59	45.45 3.06 -11.21	42.57 3.91 -6.60	39.43 3.68 -6.05
TILDEN___115KV_TB1 80814	29.56 -0.15 0.00	25.77 -0.23 0.00	26.20 -0.21 -0.08	25.11 -0.38 0.00	23.65 -0.31 0.00	23.99 -0.37 0.00	22.19 -0.34 0.00	23.10 -0.35 0.00	25.44 -0.39 0.00	25.68 -0.31 -0.06	27.46 -0.30 -0.07	28.92 -0.23 -0.04	32.46 -0.16 -0.57	35.63 -0.17 -0.89	35.33 0.00 -0.92	30.08 0.26 -1.01	35.92 0.33 -2.12	35.97 0.39 -2.69	34.89 0.44 -2.82	29.63 0.43 -2.63	35.84 0.43 -1.97	32.46 0.16 -1.13	32.28 -0.06 -0.29	29.92 -0.09 -0.31
TRIGEN___CC 323695	37.12 2.08 -5.33	33.98 1.92 -6.05	29.24 1.90 -1.01	27.35 1.81 -0.05	25.58 1.56 -0.06	26.04 1.68 0.00	24.18 1.64 0.00	25.16 1.71 0.00	28.21 1.86 -0.52	33.11 1.94 -5.23	40.27 2.13 -10.44	40.57 2.15 -9.31	41.60 2.28 -7.27	43.00 2.48 -5.60	43.24 2.48 -6.35	43.86 2.30 -12.74	53.29 2.88 -16.95	55.03 2.99 -19.16	55.98 2.56 -21.80	54.58 1.86 -26.15	55.03 2.01 -19.59	44.14 1.75 -11.21	40.84 2.18 -6.60	37.89 2.14 -6.05
TRINITY__115KV__ 4 BK 55933	30.66 0.95 0.00	26.92 0.91 0.00	28.90 1.03 -1.54	26.55 0.99 -0.07	24.84 0.89 0.00	25.28 0.93 0.00	23.39 0.86 0.00	24.29 0.84 0.00	21.73 0.88 4.97	21.32 0.96 5.57	29.37 0.97 -0.70	29.45 1.02 0.69	30.55 1.09 2.59	30.62 1.19 5.49	31.81 1.20 3.81	37.04 1.07 -7.17	43.80 1.17 -9.16	72.99 1.18 -38.93	77.29 1.04 -44.63	80.92 0.82 -53.53	74.60 1.07 -40.10	55.04 0.90 -22.95	38.83 0.96 -5.81	31.41 0.95 -0.76

UNION___PROCESSING_DRP 323587	29.92 0.21 0.00	25.90 -0.10 0.00	26.43 0.00 -0.09	24.98 -0.51 0.00	23.50 -0.46 0.00	23.72 -0.63 0.00	21.99 -0.54 0.00	22.96 -0.49 0.00	25.23 -0.59 0.00	25.64 -0.36 -0.07	27.51 -0.28 -0.08	28.95 -0.20 -0.04	31.97 -0.26 -0.17	34.74 -0.31 -0.14	34.95 0.10 -0.43	30.80 0.78 -1.21	35.93 0.94 -1.52	36.08 0.92 -2.28	35.37 1.14 -2.61	30.77 1.06 -3.13	36.92 1.14 -2.35	32.93 0.41 -1.34	32.59 0.19 -0.34	29.92 0.18 -0.04
UPPER HUDSON___HYD 24058	32.33 2.62 0.00	28.30 2.29 0.00	30.67 2.13 -2.21	27.64 2.06 -0.09	25.80 1.84 0.00	26.26 1.90 0.00	24.35 1.82 0.00	25.26 1.81 0.00	31.33 2.14 -3.37	34.68 2.28 -6.47	32.59 2.33 -2.56	33.70 2.50 -2.09	42.81 2.76 -8.00	46.64 3.00 -8.72	55.44 2.79 -18.24	70.57 2.42 -39.34	85.93 2.95 -49.52	91.32 2.76 -55.68	98.51 3.07 -63.82	105.99 2.87 -76.55	94.33 3.54 -57.35	67.22 3.21 -32.83	43.55 3.17 -8.31	33.64 2.85 -1.09
UPPER RAQUET___HYD 24056	30.13 0.42 0.00	26.32 0.31 0.00	26.86 0.53 0.00	25.87 0.38 0.00	24.41 0.45 0.00	24.82 0.46 0.00	22.91 0.38 0.00	23.87 0.42 0.00	26.21 0.39 0.00	26.21 0.29 0.00	28.00 0.31 0.00	29.41 0.29 0.00	32.31 0.13 -0.12	35.32 0.18 -0.23	34.65 0.07 -0.16	28.03 -0.78 0.00	32.74 -0.97 -0.25	31.99 -1.12 -0.23	30.83 -0.98 -0.19	25.78 -0.80 0.00	32.60 -0.83 0.00	31.34 0.16 0.00	32.19 0.13 0.00	29.99 0.21 -0.08
VALLEY44_115KV_TB2 355964	29.86 0.15 0.00	25.75 -0.26 0.00	26.37 -0.11 -0.14	24.75 -0.74 -0.01	23.33 -0.62 0.00	23.58 -0.78 0.00	21.90 -0.63 0.00	22.75 -0.70 0.00	24.97 -0.85 0.00	25.40 -0.65 -0.12	27.14 -0.69 -0.13	28.57 -0.61 -0.07	31.59 -0.74 -0.27	34.30 -0.84 -0.22	34.72 -0.38 -0.69	31.29 0.55 -1.94	36.64 0.74 -2.44	37.26 0.72 -3.65	37.01 1.20 -4.19	32.68 1.09 -5.02	38.03 0.84 -3.76	33.30 -0.03 -2.15	32.32 -0.29 -0.55	29.71 -0.06 -0.07
VALLEY___115KV_TB 1-4 80826	30.04 0.33 0.00	26.27 0.26 0.00	26.60 0.26 0.00	25.69 0.20 0.00	24.17 0.22 0.00	24.58 0.22 0.00	22.71 0.18 0.00	23.59 0.14 0.00	26.01 0.18 0.00	26.16 0.23 0.00	28.00 0.30 0.00	29.43 0.32 0.00	32.54 0.48 0.00	35.44 0.52 0.00	35.00 0.59 0.00	29.36 0.55 0.00	34.07 0.60 0.00	33.51 0.62 0.00	32.22 0.60 0.00	27.00 0.43 0.00	33.93 0.50 0.00	31.49 0.31 0.00	32.28 0.22 0.00	29.87 0.18 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	31.47 1.75 0.00	27.49 1.48 0.00	28.38 1.50 -0.54	26.81 1.30 -0.02	25.20 1.25 0.00	25.65 1.29 0.00	23.68 1.15 0.00	24.55 1.10 0.00	27.12 1.29 0.00	27.78 1.40 -0.45	29.84 1.63 -0.50	31.13 1.75 -0.27	35.37 2.15 -1.17	38.37 2.37 -1.07	39.73 2.55 -2.77	38.47 2.33 -7.33	45.65 2.68 -9.51	49.54 2.66 -14.00	50.18 2.59 -15.96	47.61 2.13 -18.91	50.27 2.67 -14.17	41.38 2.09 -8.11	36.04 1.92 -2.05	31.83 1.78 -0.36
VISCHER___FERRY HYD 24020	31.26 1.54 0.00	27.41 1.40 0.00	29.65 1.37 -1.95	26.89 1.32 -0.08	25.15 1.20 0.00	25.60 1.24 0.00	23.75 1.22 0.00	24.65 1.20 0.00	36.91 1.37 -9.71	42.35 1.43 -15.00	32.55 1.58 -3.28	34.59 1.66 -3.82	48.46 1.79 -14.61	55.25 1.95 -18.37	67.76 1.96 -31.39	84.11 1.73 -53.57	102.70 1.94 -67.29	83.95 1.87 -49.20	89.79 1.77 -56.40	95.70 1.49 -67.64	85.98 1.87 -50.68	61.84 1.65 -29.01	41.10 1.70 -7.34	32.29 1.63 -0.96
V_A_10_SYNC_DSASP 323832	29.50 -0.21 0.00	25.43 -0.57 0.00	26.07 -0.37 -0.10	24.47 -1.02 0.00	23.05 -0.91 0.00	23.26 -1.10 0.00	21.58 -0.95 0.00	22.54 -0.91 0.00	24.74 -1.08 0.00	25.13 -0.88 -0.08	26.88 -0.91 -0.09	28.32 -0.84 -0.05	31.22 -1.03 -0.19	33.89 -1.19 -0.16	34.14 -0.76 -0.49	30.39 0.20 -1.37	35.43 0.23 -1.73	35.70 0.23 -2.59	35.19 0.60 -2.97	30.77 0.64 -3.56	36.54 0.43 -2.67	32.27 -0.44 -1.53	31.84 -0.61 -0.39	29.33 -0.42 -0.05
V_CMM_10_SYNC_DSASP 323787	29.54 -0.18 0.00	25.83 -0.18 0.00	26.33 0.00 0.00	25.43 -0.05 0.00	23.96 0.00 0.00	24.36 0.00 0.00	22.51 -0.02 0.00	23.50 0.05 0.00	25.80 -0.03 0.00	25.83 -0.10 0.00	27.56 -0.14 0.00	28.91 -0.20 0.00	31.73 -0.32 0.00	34.61 -0.31 0.00	33.97 -0.45 0.00	27.97 -0.84 0.00	32.46 -1.00 0.00	31.73 -1.15 0.00	30.55 -1.08 0.00	25.70 -0.88 0.00	32.43 -1.00 0.00	30.74 -0.44 0.00	31.71 -0.35 0.00	29.34 -0.36 0.00
V_CMP_10_SYNC_DSASP 323788	30.84 1.13 0.00	26.86 0.86 0.00	27.36 1.03 0.00	26.35 0.87 0.00	24.89 0.93 0.00	25.33 0.98 0.00	23.41 0.88 0.00	24.46 1.01 0.00	26.83 1.01 0.00	26.89 0.96 0.00	28.72 1.03 0.00	30.10 0.99 0.00	33.05 0.99 0.00	36.04 1.12 0.00	35.45 1.03 0.00	29.33 0.52 0.00	34.00 0.53 0.00	33.11 0.23 0.00	31.94 0.32 0.00	26.86 0.29 0.00	33.90 0.47 0.00	31.93 0.75 0.00	32.73 0.67 0.00	30.17 0.47 0.00
V_E_10_SYNC_DSASP 323830	32.51 2.79 0.00	28.27 2.26 0.00	28.70 2.06 -0.31	27.46 1.96 -0.01	25.94 1.99 0.00	26.33 1.97 0.00	24.20 1.67 0.00	24.88 1.43 0.00	27.38 1.55 0.00	27.76 1.58 -0.25	29.84 1.86 -0.28	31.30 2.04 -0.15	35.63 2.72 -0.85	38.91 3.04 -0.96	39.53 3.30 -1.81	36.09 3.17 -4.11	43.07 3.88 -5.72	45.22 4.11 -8.23	45.22 4.33 -9.27	40.96 3.75 -10.64	45.98 4.58 -7.97	39.36 3.62 -4.56	36.36 3.14 -1.15	32.85 2.82 -0.33
V_F_30_NSYNC___DSASP 323816	31.82 2.11 0.00	27.88 1.87 0.00	30.30 1.79 -2.18	27.31 1.73 -0.09	25.51 1.56 0.00	25.94 1.58 0.00	24.06 1.53 0.00	24.95 1.50 0.00	31.76 1.73 -4.20	35.36 1.84 -7.59	32.36 2.00 -2.66	33.56 2.12 -2.32	43.27 2.34 -8.87	47.47 2.55 -10.00	56.95 2.55 -19.99	72.28 2.22 -41.26	87.99 2.61 -51.91	90.27 2.50 -54.89	97.08 2.53 -62.93	104.25 2.20 -75.48	92.72 2.74 -56.55	66.01 2.46 -32.37	42.72 2.47 -8.20	33.06 2.29 -1.07
V_F_30_SYNC_DSASP 323786	30.75 1.04 0.00	26.99 0.99 0.00	29.14 1.11 -1.70	26.63 1.07 -0.07	24.89 0.93 0.00	25.33 0.97 0.00	23.45 0.92 0.00	24.37 0.91 0.00	22.46 0.96 4.32	22.43 1.04 4.54	29.70 1.05 -0.95	29.83 1.14 0.42	31.71 1.22 1.56	32.04 1.33 4.21	34.18 1.34 1.57	41.13 1.18 -11.14	49.00 1.37 -14.16	77.14 1.32 -42.95	82.05 1.20 -49.23	86.58 0.96 -59.05	78.87 1.20 -44.24	57.53 1.03 -25.32	39.56 1.09 -6.41	31.60 1.07 -0.84
V_XM_10_SYNC_DSASP 323789	30.84 1.13 0.00	26.86 0.86 0.00	27.36 1.03 0.00	26.35 0.87 0.00	24.89 0.93 0.00	25.33 0.98 0.00	23.41 0.88 0.00	24.46 1.01 0.00	26.83 1.01 0.00	26.89 0.96 0.00	28.72 1.03 0.00	30.10 0.99 0.00	33.05 0.99 0.00	36.04 1.12 0.00	35.45 1.03 0.00	29.33 0.52 0.00	34.00 0.53 0.00	33.11 0.23 0.00	31.94 0.32 0.00	26.86 0.29 0.00	33.90 0.47 0.00	31.93 0.75 0.00	32.73 0.67 0.00	30.17 0.47 0.00
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	31.35 1.63 0.00	27.54 1.53 0.00	28.54 1.47 -0.73	26.87 1.35 -0.03	25.13 1.17 0.00	25.55 1.19 0.00	23.70 1.17 0.00	24.67 1.22 0.00	27.25 1.42 0.00	28.02 1.50 -0.59	30.08 1.72 -0.67	31.19 1.72 -0.36	35.25 1.83 -1.37	38.01 1.99 -1.10	39.85 2.00 -3.44	40.42 1.90 -9.71	48.08 2.38 -12.24	53.65 2.43 -18.34	54.73 2.09 -21.02	53.44 1.65 -25.22	54.30 1.97 -18.89	43.52 1.53 -10.81	36.43 1.64 -2.74	31.69 1.63 -0.36

W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	31.44 1.72 0.00	27.65 1.64 0.00	28.64 1.55 -0.75	26.94 1.43 -0.03	25.20 1.25 0.00	25.65 1.29 0.00	23.81 1.28 0.00	24.81 1.36 0.00	27.40 1.58 0.00	28.20 1.66 -0.61	30.22 1.83 -0.69	31.35 1.86 -0.37	35.43 1.96 -1.42	38.23 2.17 -1.14	40.15 2.17 -3.57	40.95 2.07 -10.07	48.77 2.61 -12.69	54.52 2.63 -19.01	55.66 2.25 -21.79	54.47 1.75 -26.14	55.12 2.11 -19.58	44.01 1.62 -11.21	36.63 1.73 -2.84	31.82 1.75 -0.37
W50THST__13_KV_LOAD 356117	31.58 1.87 0.00	27.78 1.77 0.00	28.77 1.69 -0.75	27.07 1.55 -0.03	25.32 1.37 0.00	25.77 1.41 0.00	23.93 1.40 0.00	24.93 1.48 0.00	27.53 1.70 0.00	28.33 1.79 -0.61	30.39 1.99 -0.69	31.52 2.04 -0.37	35.62 2.15 -1.42	38.43 2.37 -1.14	40.39 2.41 -3.57	41.12 2.25 -10.07	49.00 2.84 -12.69	54.75 2.86 -19.01	55.88 2.47 -21.79	54.65 1.94 -26.14	55.32 2.31 -19.58	44.17 1.78 -11.21	36.79 1.89 -2.84	31.97 1.90 -0.37
WADING RIVER_IC_1 23522	38.22 3.18 -5.33	34.99 2.94 -6.05	30.19 2.85 -1.01	28.29 2.75 -0.05	26.49 2.47 -0.06	26.92 2.56 -0.01	24.95 2.41 -0.01	26.02 2.56 -0.01	29.19 2.84 -0.52	34.12 2.95 -5.23	41.45 3.29 -10.45	46.11 3.26 -13.73	47.11 3.46 -11.59	44.93 3.53 -6.49	44.10 3.34 -6.35	47.11 3.05 -15.24	54.26 3.85 -16.95	65.77 3.94 -28.95	56.96 3.54 -21.80	55.32 2.61 -26.15	55.63 2.61 -19.59	45.01 2.62 -11.21	42.12 3.46 -6.60	39.07 3.33 -6.05
WADING RIVER_IC_2 23547	38.22 3.18 -5.33	34.99 2.94 -6.05	30.19 2.85 -1.01	28.29 2.75 -0.05	26.49 2.47 -0.06	26.92 2.56 -0.01	24.95 2.41 -0.01	26.02 2.56 -0.01	29.19 2.84 -0.52	34.12 2.95 -5.23	41.45 3.29 -10.45	46.11 3.26 -13.73	47.11 3.46 -11.59	44.93 3.53 -6.49	44.10 3.34 -6.35	47.11 3.05 -15.24	54.26 3.85 -16.95	65.77 3.94 -28.95	56.96 3.54 -21.80	55.32 2.61 -26.15	55.63 2.61 -19.59	45.01 2.62 -11.21	42.12 3.46 -6.60	39.07 3.33 -6.05
WADING RIVER_IC_3 23601	38.22 3.18 -5.33	34.99 2.94 -6.05	30.19 2.85 -1.01	28.29 2.75 -0.05	26.49 2.47 -0.06	26.92 2.56 -0.01	24.95 2.41 -0.01	26.02 2.56 -0.01	29.19 2.84 -0.52	34.12 2.95 -5.23	41.45 3.29 -10.45	46.11 3.26 -13.73	47.11 3.46 -11.59	44.93 3.53 -6.49	44.10 3.34 -6.35	47.11 3.05 -15.24	54.26 3.85 -16.95	65.77 3.94 -28.95	56.96 3.54 -21.80	55.32 2.61 -26.15	55.63 2.61 -19.59	45.01 2.62 -11.21	42.12 3.46 -6.60	39.07 3.33 -6.05
WALDENNY_12_KV_BK2 80841	30.07 0.36 0.00	25.90 -0.10 0.00	26.51 0.05 -0.13	24.80 -0.69 -0.01	23.41 -0.55 0.00	23.60 -0.76 0.00	21.90 -0.63 0.00	22.79 -0.66 0.00	25.00 -0.83 0.00	25.46 -0.57 -0.10	27.21 -0.61 -0.12	28.68 -0.49 -0.06	31.65 -0.64 -0.24	34.38 -0.73 -0.19	34.84 -0.17 -0.60	31.34 0.84 -1.70	36.61 1.00 -2.14	37.03 0.95 -3.20	36.74 1.45 -3.67	32.30 1.33 -4.40	37.83 1.10 -3.30	33.16 0.09 -1.89	32.38 -0.16 -0.48	29.88 0.12 -0.06
WALDEN__HYDRO 24148	31.38 1.66 0.00	27.57 1.56 0.00	28.52 1.45 -0.74	26.92 1.40 -0.03	25.18 1.22 0.00	25.57 1.22 0.00	23.70 1.17 0.00	24.62 1.17 0.00	27.19 1.37 0.00	27.93 1.40 -0.60	29.93 1.55 -0.68	31.05 1.57 -0.36	35.14 1.70 -1.39	37.89 1.85 -1.12	39.80 1.89 -3.49	40.52 1.85 -9.86	48.24 2.34 -12.43	53.95 2.43 -18.64	55.23 2.25 -21.36	54.03 1.83 -25.62	54.87 2.24 -19.20	43.91 1.75 -10.99	36.64 1.79 -2.78	31.78 1.72 -0.36
WARRENSBURG____ 23737	32.33 2.62 0.00	28.30 2.29 0.00	30.67 2.13 -2.21	27.64 2.06 -0.09	25.80 1.84 0.00	26.26 1.90 0.00	24.35 1.82 0.00	25.26 1.81 0.00	31.33 2.14 -3.37	34.68 2.28 -6.47	32.59 2.33 -2.56	33.70 2.50 -2.09	42.81 2.76 -8.00	46.64 3.00 -8.72	55.44 2.79 -18.24	70.57 2.42 -39.34	85.93 2.95 -49.52	91.32 2.76 -55.68	98.51 3.07 -63.82	105.99 2.87 -76.55	94.33 3.54 -57.35	67.22 3.21 -32.83	43.55 3.17 -8.31	33.64 2.85 -1.09
WATERSIDE____6 8 9 23538	31.53 1.81 0.00	27.72 1.72 0.00	28.69 1.61 -0.75	26.97 1.45 -0.03	25.23 1.27 0.00	25.65 1.29 0.00	23.79 1.26 0.00	24.74 1.29 0.00	27.35 1.52 0.00	28.18 1.63 -0.61	30.22 1.83 -0.69	31.32 1.83 -0.37	35.43 1.96 -1.42	38.19 2.13 -1.14	40.11 2.13 -3.57	40.89 2.02 -10.07	48.80 2.64 -12.69	54.56 2.66 -19.01	55.69 2.28 -21.79	54.47 1.75 -26.14	55.12 2.11 -19.59	43.95 1.56 -11.21	36.63 1.73 -2.84	31.85 1.78 -0.37
WATKINRD_115KV_LN8_ILLION 55919	29.95 0.24 0.00	26.19 0.18 0.00	26.52 0.18 0.00	25.64 0.15 0.00	24.10 0.14 0.00	24.48 0.12 0.00	22.64 0.11 0.00	23.52 0.07 0.00	25.93 0.10 0.00	26.06 0.13 0.00	27.89 0.19 0.00	29.32 0.20 0.00	32.34 0.29 0.00	35.23 0.31 0.00	34.79 0.38 0.00	29.18 0.37 0.00	33.90 0.44 0.00	33.34 0.46 0.00	32.06 0.44 0.00	26.92 0.35 0.00	33.87 0.43 0.00	31.46 0.28 0.00	32.25 0.19 0.00	29.87 0.18 0.00
WATSON____69_KV_BK 1 55734	38.31 3.27 -5.33	34.99 2.94 -6.05	30.24 2.90 -1.01	28.24 2.70 -0.05	26.44 2.42 -0.06	26.86 2.51 0.00	24.90 2.37 0.00	25.94 2.49 0.00	29.11 2.76 -0.52	34.12 2.96 -5.23	41.36 3.21 -10.45	43.95 3.26 -11.57	45.00 3.46 -9.48	44.68 3.70 -6.06	44.48 3.72 -6.35	46.20 3.37 -14.02	54.57 4.15 -16.95	61.29 4.24 -24.17	57.12 3.70 -21.80	55.46 2.74 -26.15	56.00 2.98 -19.59	45.08 2.68 -11.21	42.09 3.43 -6.60	39.05 3.30 -6.05
WDELAWARE__HYD 323627	30.72 1.01 0.00	26.97 0.96 0.00	27.89 0.84 -0.71	26.28 0.76 -0.03	24.60 0.65 0.00	24.99 0.63 0.00	23.16 0.63 0.00	24.06 0.61 0.00	26.55 0.72 0.00	27.21 0.70 -0.58	29.18 0.83 -0.65	30.28 0.81 -0.35	34.33 0.93 -1.34	37.04 1.05 -1.08	38.88 1.10 -3.37	39.49 1.18 -9.50	47.09 1.64 -11.98	52.67 1.81 -17.98	53.88 1.64 -20.62	52.63 1.33 -24.73	53.56 1.60 -18.53	42.91 1.12 -10.60	35.84 1.09 -2.68	31.12 1.07 -0.35
WEST BABYLON__IC 23714	38.01 2.97 -5.33	34.79 2.73 -6.05	30.01 2.66 -1.01	28.03 2.50 -0.05	26.22 2.20 -0.06	26.67 2.31 0.00	24.74 2.21 0.00	25.75 2.30 0.00	28.90 2.56 -0.52	33.86 2.70 -5.23	41.08 2.94 -10.44	42.00 2.97 -9.92	43.07 3.14 -7.87	44.03 3.39 -5.72	44.17 3.41 -6.35	45.01 3.11 -13.09	54.30 3.88 -16.95	57.37 3.98 -20.51	56.87 3.45 -21.80	55.27 2.55 -26.15	55.80 2.77 -19.59	44.86 2.46 -11.21	41.83 3.17 -6.60	38.81 3.06 -6.05
WEST CANADA__HYD 24049	29.80 0.09 0.00	26.08 0.08 0.00	26.36 0.03 0.00	25.54 0.05 0.00	23.98 0.02 0.00	24.38 0.02 0.00	22.55 0.02 0.00	23.45 0.00 0.00	25.85 0.03 0.00	25.98 0.05 0.00	27.75 0.06 0.00	29.17 0.06 0.00	32.15 0.10 0.00	35.03 0.11 0.00	34.55 0.14 0.00	29.01 0.20 0.00	33.70 0.24 0.00	33.11 0.23 0.00	31.84 0.22 0.00	26.76 0.19 0.00	33.67 0.24 0.00	31.31 0.13 0.00	32.16 0.10 0.00	29.79 0.09 0.00
WESTERN_NY_WIND 24143	30.46 0.74 0.00	26.16 0.16 0.00	25.84 -0.60 -0.11	25.11 -0.38 0.00	23.69 -0.26 0.00	23.87 -0.49 0.00	22.08 -0.45 0.00	22.89 -0.56 0.00	25.18 -0.64 0.00	25.63 -0.39 -0.09	27.44 -0.36 -0.10	28.85 -0.32 -0.05	31.81 -0.45 -0.20	34.56 -0.52 -0.16	34.99 0.07 -0.51	31.26 1.01 -1.44	36.52 1.24 -1.82	36.85 1.25 -2.72	36.41 1.67 -3.11	31.87 1.57 -3.73	37.90 1.67 -2.80	33.44 0.66 -1.60	32.88 0.42 -0.41	30.25 0.50 -0.05

WESTOVER___LESR 323668	30.22 0.51 0.00	26.32 0.31 0.00	26.94 0.34 -0.26	25.55 0.05 -0.01	24.05 0.10 0.00	24.41 0.05 0.00	22.58 0.05 0.00	23.47 0.02 0.00	25.85 0.03 0.00	26.25 0.10 -0.22	28.11 0.17 -0.24	29.48 0.23 -0.13	33.13 0.32 -0.75	36.13 0.35 -0.86	36.51 0.52 -1.58	33.15 0.81 -3.54	39.43 1.00 -4.96	41.06 1.05 -7.13	40.81 1.17 -8.02	36.78 1.04 -9.17	41.44 1.14 -6.87	35.77 0.65 -3.93	33.54 0.48 -1.00	30.47 0.48 -0.29
WETHRSFD_WT_PWR 323626	30.07 0.36 0.00	25.88 -0.13 0.00	25.74 -0.74 -0.14	24.95 -0.54 -0.01	23.53 -0.43 0.00	23.75 -0.61 0.00	22.01 -0.52 0.00	22.79 -0.66 0.00	25.13 -0.70 0.00	25.55 -0.49 -0.12	27.28 -0.55 -0.13	28.69 -0.50 -0.07	31.72 -0.61 -0.27	34.48 -0.66 -0.22	34.89 -0.21 -0.69	31.38 0.63 -1.93	36.71 0.80 -2.44	37.35 0.82 -3.65	37.07 1.27 -4.18	32.78 1.20 -5.01	38.26 1.07 -3.76	33.46 0.13 -2.15	32.45 -0.16 -0.54	29.83 0.06 -0.07
WHAVSTOR_138KV_BK127 55557	31.17 1.46 0.00	27.38 1.38 0.00	28.41 1.34 -0.73	26.74 1.22 -0.03	25.01 1.05 0.00	25.43 1.07 0.00	23.59 1.06 0.00	24.55 1.10 0.00	27.12 1.29 0.00	27.90 1.37 -0.59	29.92 1.55 -0.67	31.04 1.57 -0.36	35.03 1.60 -1.37	37.77 1.75 -1.10	39.61 1.76 -3.44	40.23 1.70 -9.72	47.83 2.11 -12.26	53.38 2.14 -18.36	54.50 1.83 -21.05	53.25 1.43 -25.25	54.05 1.71 -18.92	43.29 1.28 -10.83	36.21 1.41 -2.74	31.51 1.46 -0.36
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	31.17 1.46 0.00	27.38 1.38 0.00	28.41 1.34 -0.73	26.74 1.22 -0.03	25.01 1.05 0.00	25.43 1.07 0.00	23.59 1.06 0.00	24.55 1.10 0.00	27.12 1.29 0.00	27.90 1.37 -0.59	29.92 1.55 -0.67	31.04 1.57 -0.36	35.03 1.60 -1.37	37.77 1.75 -1.10	39.61 1.76 -3.44	40.23 1.70 -9.72	47.83 2.11 -12.26	53.38 2.14 -18.36	54.50 1.83 -21.05	53.25 1.43 -25.25	54.05 1.71 -18.92	43.29 1.28 -10.83	36.21 1.41 -2.74	31.51 1.46 -0.36
WHITEHAL_115KV_TB1 80871	33.22 3.51 0.00	29.00 2.99 0.00	31.42 2.90 -2.19	28.26 2.68 -0.09	26.38 2.42 0.00	26.82 2.46 0.00	24.92 2.39 0.00	25.80 2.35 0.00	32.30 2.76 -3.71	35.82 2.96 -6.93	33.41 3.10 -2.60	34.64 3.35 -2.18	44.04 3.62 -8.36	48.12 3.95 -9.25	57.20 3.82 -18.96	72.26 3.31 -40.14	88.06 4.08 -50.51	92.11 3.88 -55.35	99.25 4.17 -63.45	106.48 3.80 -76.10	95.20 4.75 -57.02	68.12 4.30 -32.64	44.56 4.23 -8.26	34.52 3.74 -1.08
WHITEPLN_13_KV_LOAD 356215	31.64 1.93 0.00	27.80 1.79 0.00	28.82 1.74 -0.75	27.10 1.58 -0.03	25.35 1.39 0.00	25.77 1.41 0.00	23.93 1.40 0.00	24.90 1.45 0.00	27.53 1.70 0.00	28.36 1.82 -0.61	30.44 2.05 -0.69	31.58 2.10 -0.37	35.75 2.28 -1.42	38.54 2.48 -1.14	40.52 2.55 -3.56	41.25 2.39 -10.05	49.08 2.95 -12.67	54.85 2.99 -18.97	56.00 2.62 -21.75	54.78 2.13 -26.09	55.42 2.44 -19.54	44.27 1.90 -11.19	36.94 2.05 -2.83	32.09 2.02 -0.37
WM_FLOYD_69_KV_BK2 356380	38.25 3.21 -5.33	34.97 2.91 -6.05	30.24 2.90 -1.01	28.24 2.70 -0.05	26.42 2.40 -0.06	26.86 2.51 0.00	24.90 2.37 0.00	25.94 2.49 0.00	29.11 2.76 -0.52	34.09 2.93 -5.23	41.36 3.21 -10.45	46.12 3.20 -13.81	47.05 3.33 -11.66	44.92 3.49 -6.50	44.17 3.41 -6.35	47.21 3.11 -15.29	54.27 3.85 -16.95	66.00 4.01 -29.11	56.90 3.48 -21.80	55.27 2.55 -26.15	55.73 2.71 -19.59	44.95 2.56 -11.21	42.02 3.37 -6.60	38.96 3.21 -6.05
WOODARD__115KV_TB2 355635	29.42 -0.30 0.00	25.67 -0.34 0.00	26.08 -0.32 -0.06	25.00 -0.48 0.00	23.55 -0.41 0.00	23.89 -0.46 0.00	22.10 -0.43 0.00	23.01 -0.45 0.00	25.34 -0.49 0.00	25.56 -0.41 -0.05	27.34 -0.42 -0.06	28.77 -0.38 -0.03	32.28 -0.32 -0.55	35.49 -0.31 -0.88	35.10 -0.17 -0.86	29.75 0.12 -0.82	35.53 0.17 -1.90	35.42 0.20 -2.35	34.30 0.25 -2.42	28.94 0.24 -2.13	35.26 0.23 -1.60	32.10 0.00 -0.91	32.07 -0.22 -0.23	29.77 -0.24 -0.31
YORK___WARBASSE 23770	31.64 1.93 0.00	27.88 1.87 0.00	28.83 1.74 -0.75	27.12 1.61 -0.03	25.35 1.39 0.00	25.72 1.36 0.00	23.86 1.33 0.00	24.81 1.36 0.00	27.43 1.60 0.00	28.25 1.71 -0.61	30.36 1.97 -0.69	31.46 1.98 -0.37	35.62 2.15 -1.42	38.33 2.27 -1.14	40.25 2.27 -3.57	41.04 2.16 -10.07	49.00 2.84 -12.69	54.79 2.89 -19.01	55.88 2.47 -21.79	54.63 1.91 -26.14	55.29 2.27 -19.59	44.07 1.68 -11.21	36.82 1.92 -2.84	32.03 1.96 -0.37