

# Day Ahead Market Generator LBMP

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

## Generator Data

06/26/2023

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	28.61	27.15	27.50	27.35	28.77	26.37	29.90	32.31	34.64	36.81	36.54	39.24	41.64	42.86	43.09	45.64	56.58	57.48	54.22	51.90	47.40	37.86	32.13	29.24
24138	1.61	1.39	1.32	1.13	1.11	1.35	1.53	1.59	1.73	2.01	2.37	2.22	2.35	2.37	2.38	2.02	2.67	2.83	1.98	1.58	1.50	1.55	1.88	1.72
	-1.02	0.00	-0.31	-2.79	-4.11	0.00	-2.41	-4.69	-6.34	-5.21	0.14	-3.33	-4.70	-7.06	-10.21	-19.22	-27.18	-26.39	-29.74	-29.82	-25.58	-13.16	-4.11	-1.46
74TH STREET_GT_1	28.48	27.18	27.55	27.40	28.81	26.37	29.90	32.34	34.61	36.75	36.51	39.22	41.62	42.83	43.07	45.55	56.45	57.48	54.25	51.92	47.42	37.89	32.16	29.26
24260	1.48	1.42	1.37	1.17	1.15	1.35	1.53	1.61	1.73	1.98	2.33	2.22	2.35	2.37	2.41	2.02	2.67	2.83	2.00	1.60	1.52	1.57	1.91	1.75
	-1.02	0.00	-0.31	-2.79	-4.11	0.00	-2.41	-4.69	-6.31	-5.19	0.14	-3.32	-4.68	-7.03	-10.16	-19.13	-27.05	-26.39	-29.74	-29.82	-25.58	-13.16	-4.11	-1.46
74TH STREET_GT_2	28.48	27.18	27.55	27.40	28.81	26.37	29.90	32.34	34.61	36.75	36.51	39.22	41.62	42.83	43.07	45.55	56.45	57.48	54.25	51.92	47.42	37.89	32.16	29.26
24261	1.48	1.42	1.37	1.17	1.15	1.35	1.53	1.61	1.73	1.98	2.33	2.22	2.35	2.37	2.41	2.02	2.67	2.83	2.00	1.60	1.52	1.57	1.91	1.75
	-1.02	0.00	-0.31	-2.79	-4.11	0.00	-2.41	-4.69	-6.31	-5.19	0.14	-3.32	-4.68	-7.03	-10.16	-19.13	-27.05	-26.39	-29.74	-29.82	-25.58	-13.16	-4.11	-1.46
ADK HUDSON___FALLS	31.26	27.98	28.97	33.57	37.57	27.15	35.68	49.04	58.33	58.94	42.13	56.68	62.87	69.85	77.45	112.64	132.53	107.60	111.31	109.52	96.99	64.01	40.81	32.96
24011	2.34	2.22	2.20	2.04	2.10	2.13	2.31	2.29	2.47	2.81	3.09	3.20	3.18	3.11	2.68	2.29	2.57	2.54	2.27	2.25	2.26	2.57	2.72	2.66
	-2.95	0.00	-0.90	-8.08	-11.92	0.00	-7.42	-20.71	-29.30	-26.55	-4.72	-19.80	-25.10	-33.31	-44.27	-85.96	-103.23	-76.80	-86.54	-86.77	-74.42	-38.29	-11.95	-4.24
ADK RESOURCE___RCVRY	31.53	28.18	29.20	33.78	37.80	27.35	35.88	48.97	58.06	58.65	42.20	56.53	62.60	69.54	77.03	111.42	131.68	108.12	111.81	110.02	97.47	64.40	41.11	33.23
23798	2.60	2.42	2.43	2.23	2.28	2.33	2.49	2.52	2.71	3.08	3.40	3.54	3.46	3.41	2.96	2.51	2.81	2.80	2.48	2.46	2.48	2.82	2.98	2.92
	-2.96	0.00	-0.90	-8.11	-11.96	0.00	-7.43	-20.41	-28.78	-26.00	-4.48	-19.32	-24.56	-32.70	-43.57	-84.52	-102.14	-77.06	-86.83	-87.06	-74.68	-38.42	-11.99	-4.25
ADK S GLENS___FALLS	31.26	27.98	28.97	33.57	37.57	27.15	35.68	49.04	58.33	58.94	42.13	56.68	62.87	69.85	77.45	112.64	132.53	107.60	111.31	109.52	96.99	64.01	40.81	32.96
24028	2.34	2.22	2.20	2.04	2.10	2.13	2.31	2.29	2.47	2.81	3.09	3.20	3.18	3.11	2.68	2.29	2.57	2.54	2.27	2.25	2.26	2.57	2.72	2.66
	-2.95	0.00	-0.90	-8.08	-11.92	0.00	-7.42	-20.71	-29.30	-26.55	-4.72	-19.80	-25.10	-33.31	-44.27	-85.96	-103.23	-76.80	-86.54	-86.77	-74.42	-38.29	-11.95	-4.24
ADK_NYS___DAM	30.03	27.31	28.18	31.40	34.60	26.52	33.73	51.90	63.53	65.16	45.68	62.56	69.30	76.23	84.06	128.03	137.61	92.69	94.43	92.40	82.20	55.82	37.63	31.28
23527	1.66	1.55	1.58	1.41	1.39	1.50	1.64	1.61	1.75	1.92	2.30	2.22	2.28	2.17	2.07	1.71	1.87	2.06	1.64	1.43	1.44	1.58	1.78	1.77
	-2.39	0.00	-0.73	-6.55	-9.66	0.00	-6.14	-24.25	-35.21	-33.65	-9.06	-26.66	-32.43	-40.63	-51.48	-101.94	-109.01	-62.37	-70.28	-70.47	-60.44	-31.10	-9.71	-3.44
AIR_PRODUCTS___DRP	28.80	26.64	27.36	29.75	32.49	25.85	31.57	28.44	28.22	28.34	29.82	30.44	32.57	34.34	35.57	29.97	55.51	81.57	82.32	80.38	71.74	49.87	34.90	29.56
24190	0.81	0.88	0.88	0.77	0.78	0.83	0.78	0.83	0.77	0.86	0.96	0.91	0.97	0.90	0.88	0.71	0.72	0.71	0.54	0.45	0.45	0.49	0.58	0.60
	-2.02	0.00	-0.62	-5.53	-8.16	0.00	-4.83	-1.57	-0.88	2.09	5.47	4.14	2.99	-0.01	-4.18	-4.87	-28.06	-52.60	-59.27	-59.43	-50.98	-26.23	-8.19	-2.90
AKWESSNE_115KV_BK	25.93	25.71	25.84	23.44	23.55	24.95	25.77	25.80	26.35	29.31	33.88	33.17	34.07	32.86	29.80	15.12	13.77	9.14	9.13	7.76	9.12	22.55	25.72	25.72
355683	-0.05	-0.05	-0.03	0.00	0.00	-0.08	-0.18	-0.23	-0.21	-0.27	-0.45	-0.51	-0.52	-0.57	-0.70	-0.95	-1.02	-1.07	-0.86	-0.78	-0.75	-0.60	-0.42	-0.34
	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	8.32	11.94	18.05	12.51	11.96	10.44	0.00	0.00	0.00
ALBANY___1	28.80	26.64	27.36	29.75	32.49	25.85	31.57	28.44	28.22	28.34	29.82	30.44	32.57	34.34	35.57	29.97	55.51	81.57	82.32	80.38	71.74	49.87	34.90	29.56
23571	0.81	0.88	0.88	0.77	0.78	0.83	0.78	0.83	0.77	0.86	0.96	0.91	0.97	0.90	0.88	0.71	0.72	0.71	0.54	0.45	0.45	0.49	0.58	0.60
	-2.02	0.00	-0.62	-5.53	-8.16	0.00	-4.83	-1.57	-0.88	2.09	5.47	4.14	2.99	-0.01	-4.18	-4.87	-28.06	-52.60	-59.27	-59.43	-50.98	-26.23	-8.19	-2.90
ALBANY___2	28.80	26.64	27.36	29.75	32.49	25.85	31.57	28.44	28.22	28.34	29.82	30.44	32.57	34.34	35.57	29.97	55.51	81.57	82.32	80.38	71.74	49.87	34.90	29.56
23572	0.81	0.88	0.88	0.77	0.78	0.83	0.78	0.83	0.77	0.86	0.96	0.91	0.97	0.90	0.88	0.71	0.72	0.71	0.54	0.45	0.45	0.49	0.58	0.60
	-2.02	0.00	-0.62	-5.53	-8.16	0.00	-4.83	-1.57	-0.88	2.09	5.47	4.14	2.99	-0.01	-4.18	-4.87	-28.06	-52.60	-59.27	-59.43	-50.98	-26.23	-8.19	-2.90
ALBANY___3	28.80	26.64	27.36	29.75	32.49	25.85	31.57	28.44	28.22	28.34	29.82	30.44	32.57	34.34	35.57	29.97	55.51	81.57	82.32	80.38	71.74	49.87	34.90	29.56
23573	0.81	0.88	0.88	0.77	0.78	0.83	0.78	0.83	0.77	0.86	0.96	0.91	0.97	0.90	0.88	0.71	0.72	0.71	0.54	0.45	0.45	0.49	0.58	0.60
	-2.02	0.00	-0.62	-5.53	-8.16	0.00	-4.83	-1.57	-0.88	2.09	5.47	4.14	2.99	-0.01	-4.18	-4.87	-28.06	-52.60	-59.27	-59.43	-50.98	-26.23	-8.19	-2.90

ALBANY___4 23574	28.80 0.81 -2.02	26.64 0.88 0.00	27.36 0.88 -0.62	29.75 0.77 -5.53	32.49 0.78 -8.16	25.85 0.83 0.00	31.57 0.78 -4.83	28.44 0.83 -1.57	28.22 0.77 -0.88	28.34 0.86 2.09	29.82 0.96 5.47	30.44 0.91 4.14	32.57 0.97 2.99	34.34 0.90 -0.01	35.57 0.88 -4.18	29.97 0.71 -4.87	55.51 0.72 -28.06	81.57 0.71 -52.60	82.32 0.54 -59.27	80.38 0.45 -59.43	71.74 0.45 -50.98	49.87 0.49 -26.23	34.90 0.58 -8.19	29.56 0.60 -2.90
ALBANY___LFGE 323615	29.29 1.01 -2.29	26.89 1.13 0.00	27.68 1.11 -0.70	30.72 0.98 -6.29	33.82 0.99 -9.28	26.07 1.05 0.00	32.50 1.01 -5.53	30.43 1.04 -3.35	30.95 1.04 -3.35	30.83 1.15 -0.10	30.55 1.37 5.14	32.49 1.35 2.54	35.05 1.38 0.93	37.53 1.30 -2.80	39.73 1.28 -7.95	37.55 1.02 -12.14	64.91 1.10 -37.08	89.20 1.10 -59.83	90.76 0.83 -67.42	88.83 0.74 -67.60	79.03 0.73 -57.98	53.79 0.81 -29.83	36.37 0.91 -9.31	30.30 0.94 -3.30
ALCOA_PA_115KV_PL-6C 55860	26.24 0.26 0.00	25.97 0.21 0.00	26.10 0.23 0.00	23.68 0.23 0.00	23.79 0.24 0.00	25.22 0.20 0.00	26.06 0.10 0.00	26.09 0.05 0.00	26.65 0.08 0.00	29.64 0.06 0.00	34.12 -0.21 0.00	33.38 -0.30 0.00	34.28 -0.31 0.00	33.03 -0.40 0.00	29.98 -0.52 0.00	15.27 -1.05 8.07	14.00 -1.15 11.58	9.52 -1.24 17.50	9.38 -0.99 12.13	8.02 -0.88 11.60	9.34 -0.85 10.13	22.67 -0.49 0.00	25.98 -0.16 0.00	25.98 -0.08 0.00
ALCOA_RYNLDS___DRP 24188	26.24 0.26 0.00	25.97 0.21 0.00	26.10 0.23 0.00	23.68 0.23 0.00	23.79 0.24 0.00	25.22 0.20 0.00	26.06 0.10 0.00	26.09 0.05 0.00	26.65 0.08 0.00	29.64 0.06 0.00	34.12 -0.21 0.00	33.38 -0.30 0.00	34.28 -0.31 0.00	33.03 -0.40 0.00	29.98 -0.52 0.00	15.27 -1.05 8.07	14.00 -1.15 11.58	9.52 -1.24 17.50	9.38 -0.99 12.13	8.02 -0.88 11.60	9.34 -0.85 10.13	22.67 -0.49 0.00	25.98 -0.16 0.00	25.98 -0.08 0.00
ALCOA___DSASP 323711	26.14 0.16 0.00	25.92 0.16 0.00	26.02 0.16 0.00	23.68 0.23 0.00	23.79 0.24 0.00	25.22 0.20 0.00	26.06 0.10 0.00	26.09 0.05 0.00	26.65 0.08 0.00	29.64 0.06 0.00	34.12 -0.20 0.00	33.38 -0.30 0.00	34.28 -0.31 0.00	33.03 -0.40 0.00	29.98 -0.52 0.00	15.28 -1.05 8.07	14.00 -1.15 11.58	9.52 -1.24 17.50	9.38 -0.99 12.13	8.02 -0.88 11.60	9.34 -0.85 10.13	22.67 -0.49 0.00	25.98 -0.16 0.00	25.98 -0.08 0.00
ALLEGHENY___COGEN 23514	27.12 0.96 -0.18	26.71 0.95 0.00	26.57 0.65 -0.05	24.40 0.47 -0.49	24.77 0.50 -0.72	25.75 0.73 0.00	26.54 0.67 0.09	27.27 0.68 -0.56	26.71 -0.58 -0.73	29.26 -0.86 -0.54	31.50 -1.58 1.24	31.92 -1.38 0.37	33.12 -1.59 -0.12	33.02 -1.47 -1.07	31.81 -0.73 -2.05	28.31 0.07 -3.85	32.17 0.00 -5.44	33.91 0.34 -5.31	29.52 1.04 -5.98	27.60 1.11 -6.00	26.76 1.30 -5.14	26.96 1.16 -2.65	27.41 0.44 -0.83	26.64 0.29 -0.29
ALTAMONT_115KV_TB 2 55880	28.74 0.94 -1.82	26.71 0.95 0.00	27.41 0.98 -0.56	29.33 0.89 -4.99	31.78 0.87 -7.36	25.90 0.88 0.00	31.30 0.93 -4.41	31.75 0.94 -4.78	33.41 0.96 -5.89	34.15 1.06 -3.51	32.96 1.24 2.60	35.87 1.21 -0.98	38.51 1.25 -2.68	40.70 1.20 -6.07	42.39 1.19 -10.71	44.10 0.98 -18.73	64.35 1.07 -36.55	76.83 1.10 -47.46	76.84 0.86 -53.48	74.88 0.76 -53.62	67.06 0.75 -46.00	47.63 0.81 -23.66	34.44 0.91 -7.39	29.62 0.94 -2.62
ALTONA_WT_PWR 323606	26.34 0.36 0.00	26.23 0.46 0.00	26.39 0.52 0.00	24.00 0.56 0.00	24.09 0.54 0.00	25.52 0.50 0.00	26.21 0.26 0.00	26.30 0.26 0.00	26.94 0.37 0.00	29.52 -0.06 0.00	34.08 -0.24 0.00	33.24 -0.44 0.00	34.10 -0.48 0.00	32.79 -0.64 0.00	29.71 -0.79 0.00	15.09 -1.07 8.22	13.82 -1.10 11.81	9.21 -1.21 17.84	9.17 -0.97 12.37	7.79 -0.88 11.83	9.38 -0.61 10.33	22.64 -0.51 0.00	25.64 -0.50 0.00	25.64 -0.42 0.00
AMERICAN_REF_FUEL 24010	25.31 -0.83 -0.16	25.01 -0.75 0.00	24.62 -1.29 -0.05	22.66 -1.22 -0.44	22.94 -1.25 -0.64	23.99 -1.03 0.00	24.46 -1.30 0.20	25.19 -1.28 -0.43	25.81 -1.30 -0.55	28.42 -1.54 -0.38	31.11 -1.82 1.39	31.67 -1.45 0.56	32.86 -1.66 0.07	32.58 -1.74 -0.89	31.19 -1.16 -1.85	27.81 -0.07 -3.49	31.35 -0.32 -4.94	32.67 -0.40 -4.81	27.92 0.00 -5.42	25.97 0.04 -5.43	25.20 0.22 -4.66	25.48 -0.07 -2.40	26.13 -0.76 -0.75	25.65 -0.68 -0.27
ARKWRIGHT___SUMMIT_WT_PWR 323751	26.19 0.03 -0.18	25.68 -0.08 0.00	25.38 -0.54 -0.06	23.43 -0.52 -0.50	23.70 -0.59 -0.74	24.62 -0.40 0.00	25.16 -0.70 0.09	26.16 -0.44 -0.57	26.90 -0.40 -0.73	29.79 -0.32 -0.54	32.76 -0.28 1.28	33.49 0.20 0.40	34.70 0.00 -0.11	34.57 0.07 -1.08	33.28 0.70 -2.08	29.81 1.51 -3.91	33.59 1.34 -5.53	34.71 1.07 -5.38	29.89 1.33 -6.06	27.72 1.15 -6.08	26.87 1.34 -5.21	27.02 1.18 -2.68	27.39 0.42 -0.84	26.64 0.29 -0.30
ARTHUR_KILL_GT_1 23520	28.72 1.71 -1.02	27.26 1.49 -0.01	27.60 1.42 -0.31	27.38 1.15 -2.79	28.74 1.08 -4.11	26.37 1.35 0.00	29.60 1.25 -2.40	30.96 1.33 -3.60	30.96 1.43 -2.96	31.72 1.71 -0.42	31.73 2.06 4.65	32.02 1.78 3.44	33.18 1.90 3.31	35.49 2.01 -0.05	42.77 2.07 -10.20	45.36 1.76 -19.22	56.44 2.54 -27.17	57.33 2.69 -26.39	54.06 1.82 -29.73	51.77 1.46 -29.81	47.21 1.32 -25.57	37.67 1.37 -13.15	32.07 1.83 -4.10	29.24 1.72 -1.46
ARTHUR_KILL_2 23512	28.64 1.64 -1.02	27.19 1.42 -0.01	27.52 1.34 -0.31	27.33 1.10 -2.79	28.67 1.01 -4.11	26.32 1.30 0.00	29.53 1.17 -2.40	30.88 1.25 -3.60	30.88 1.35 -2.96	31.63 1.63 -0.42	31.63 1.96 4.65	31.92 1.68 3.44	33.07 1.80 3.31	35.39 1.90 -0.05	42.68 1.98 -10.20	45.27 1.66 -19.22	56.33 2.43 -27.17	57.25 2.60 -26.39	53.99 1.76 -29.73	51.69 1.37 -29.81	47.13 1.24 -25.57	37.58 1.27 -13.15	31.99 1.75 -4.10	29.16 1.64 -1.46
ARTHUR_KILL_3 23513	28.35 1.35 -1.02	26.87 1.11 0.00	27.21 1.04 -0.30	27.09 0.87 -2.78	28.48 0.82 -4.10	26.12 1.10 0.00	29.56 1.19 -2.41	30.89 1.25 -3.60	30.91 1.38 -2.97	31.58 1.57 -0.43	31.53 1.85 4.64	32.00 1.75 3.43	33.11 1.83 3.31	35.39 1.90 -0.06	42.63 1.92 -10.21	45.27 1.66 -19.22	56.18 2.27 -27.18	57.06 2.40 -26.39	53.91 1.67 -29.74	51.61 1.29 -29.82	47.11 1.22 -25.58	37.56 1.25 -13.16	31.82 1.57 -4.11	28.95 1.43 -1.46
ARTHUR_KILL_COGEN 323718	28.72 1.71 -1.02	27.26 1.49 -0.01	27.60 1.42 -0.31	27.38 1.15 -2.79	28.74 1.08 -4.11	26.37 1.35 0.00	29.60 1.25 -2.40	30.96 1.33 -3.60	30.96 1.43 -2.96	31.72 1.71 -0.42	31.73 2.06 4.65	32.02 1.78 3.44	33.18 1.90 3.31	35.49 2.01 -0.05	42.77 2.07 -10.20	45.36 1.76 -19.22	56.44 2.54 -27.17	57.33 2.69 -26.39	54.06 1.82 -29.73	51.77 1.46 -29.81	47.21 1.32 -25.57	37.67 1.37 -13.15	32.07 1.83 -4.10	29.24 1.72 -1.46
ASHOKAN____ 23654	28.32 0.88 -1.45	27.02 1.26 0.00	26.96 0.65 -0.44	27.99 0.56 -3.99	29.95 0.52 -5.88	26.10 1.08 0.00	30.47 1.01 -3.51	31.67 2.29 -3.34	32.87 2.36 -3.94	34.13 2.54 -2.00	34.69 2.78 2.41	36.47 2.70 -0.09	38.63 2.70 -1.34	39.84 2.47 -3.94	40.29 2.29 -7.50	37.98 0.78 -12.81	56.35 2.19 -27.43	67.19 0.96 -37.96	66.07 0.79 -42.78	64.07 0.68 -42.89	57.78 0.67 -36.79	42.80 0.72 -18.93	32.78 0.73 -5.91	28.78 0.62 -2.10

ASTORIA_EAST_ENERGY_CC1 323581	28.64 1.64 -1.02	27.26 1.49 -0.01	27.63 1.45 -0.32	27.46 1.22 -2.79	28.84 1.18 -4.12	26.50 1.48 -0.01	29.79 1.43 -2.41	32.10 1.38 -4.69	34.31 1.41 -6.34	36.41 1.63 -5.21	36.27 2.09 0.14	39.00 1.99 -3.33	41.44 2.15 -4.70	42.73 2.24 -7.06	43.00 2.29 -10.21	45.52 1.90 -19.22	56.51 2.59 -27.18	57.45 2.80 -26.39	54.11 1.87 -29.74	51.87 1.54 -29.83	47.22 1.32 -25.58	37.80 1.48 -13.16	32.19 1.93 -4.12	29.32 1.80 -1.46
ASTORIA_EAST_ENERGY_CC2 323582	28.64 1.64 -1.02	27.26 1.49 -0.01	27.63 1.45 -0.32	27.46 1.22 -2.79	28.84 1.18 -4.12	26.50 1.48 -0.01	29.79 1.43 -2.41	32.10 1.38 -4.69	34.31 1.41 -6.34	36.41 1.63 -5.21	36.27 2.09 0.14	39.00 1.99 -3.33	41.44 2.15 -4.70	42.73 2.24 -7.06	43.00 2.29 -10.21	45.52 1.90 -19.22	56.51 2.59 -27.18	57.45 2.80 -26.39	54.11 1.87 -29.74	51.87 1.54 -29.83	47.22 1.32 -25.58	37.80 1.48 -13.16	32.19 1.93 -4.12	29.32 1.80 -1.46
ASTORIA_GT2_1 24094	28.51 1.51 -1.02	27.24 1.47 -0.01	27.64 1.45 -0.32	27.48 1.24 -2.79	28.87 1.20 -4.12	26.47 1.45 0.00	29.82 1.45 -2.41	32.10 1.38 -4.69	34.31 1.43 -6.31	36.40 1.63 -5.19	36.24 2.06 0.14	38.98 1.99 -3.32	41.41 2.14 -4.68	42.70 2.24 -7.03	42.98 2.32 -10.16	45.43 1.90 -19.13	56.38 2.59 -27.06	57.45 2.80 -26.39	54.11 1.87 -29.74	51.89 1.56 -29.83	47.24 1.34 -25.58	37.82 1.50 -13.16	32.22 1.96 -4.12	29.32 1.80 -1.46
ASTORIA_GT2_2 24095	28.51 1.51 -1.02	27.24 1.47 -0.01	27.64 1.45 -0.32	27.48 1.24 -2.79	28.87 1.20 -4.12	26.47 1.45 0.00	29.82 1.45 -2.41	32.10 1.38 -4.69	34.31 1.43 -6.31	36.40 1.63 -5.19	36.24 2.06 0.14	38.98 1.99 -3.32	41.41 2.14 -4.68	42.70 2.24 -7.03	42.98 2.32 -10.16	45.43 1.90 -19.13	56.38 2.59 -27.06	57.45 2.80 -26.39	54.11 1.87 -29.74	51.89 1.56 -29.83	47.24 1.34 -25.58	37.82 1.50 -13.16	32.22 1.96 -4.12	29.32 1.80 -1.46
ASTORIA_GT2_3 24096	28.51 1.51 -1.02	27.24 1.47 -0.01	27.64 1.45 -0.32	27.48 1.24 -2.79	28.87 1.20 -4.12	26.47 1.45 0.00	29.82 1.45 -2.41	32.10 1.38 -4.69	34.31 1.43 -6.31	36.40 1.63 -5.19	36.24 2.06 0.14	38.98 1.99 -3.32	41.41 2.14 -4.68	42.70 2.24 -7.03	42.98 2.32 -10.16	45.43 1.90 -19.13	56.38 2.59 -27.06	57.45 2.80 -26.39	54.11 1.87 -29.74	51.89 1.56 -29.83	47.24 1.34 -25.58	37.82 1.50 -13.16	32.22 1.96 -4.12	29.32 1.80 -1.46
ASTORIA_GT2_4 24097	28.51 1.51 -1.02	27.24 1.47 -0.01	27.64 1.45 -0.32	27.48 1.24 -2.79	28.87 1.20 -4.12	26.47 1.45 0.00	29.82 1.45 -2.41	32.10 1.38 -4.69	34.31 1.43 -6.31	36.40 1.63 -5.19	36.24 2.06 0.14	38.98 1.99 -3.32	41.41 2.14 -4.68	42.70 2.24 -7.03	42.98 2.32 -10.16	45.43 1.90 -19.13	56.38 2.59 -27.06	57.45 2.80 -26.39	54.11 1.87 -29.74	51.89 1.56 -29.83	47.24 1.34 -25.58	37.82 1.50 -13.16	32.22 1.96 -4.12	29.32 1.80 -1.46
ASTORIA_GT3_1 24098	28.51 1.51 -1.02	27.24 1.47 -0.01	27.64 1.45 -0.32	27.48 1.24 -2.79	28.87 1.20 -4.12	26.47 1.45 0.00	29.82 1.45 -2.41	32.10 1.38 -4.69	34.31 1.43 -6.31	36.40 1.63 -5.19	36.24 2.06 0.14	38.98 1.99 -3.32	41.41 2.14 -4.68	42.70 2.24 -7.03	42.98 2.32 -10.16	45.43 1.90 -19.13	56.38 2.59 -27.06	57.45 2.80 -26.39	54.11 1.87 -29.74	51.89 1.56 -29.83	47.24 1.34 -25.58	37.82 1.50 -13.16	32.22 1.96 -4.12	29.32 1.80 -1.46
ASTORIA_GT3_2 24099	28.51 1.51 -1.02	27.24 1.47 -0.01	27.64 1.45 -0.32	27.48 1.24 -2.79	28.87 1.20 -4.12	26.47 1.45 0.00	29.82 1.45 -2.41	32.10 1.38 -4.69	34.31 1.43 -6.31	36.40 1.63 -5.19	36.24 2.06 0.14	38.98 1.99 -3.32	41.41 2.14 -4.68	42.70 2.24 -7.03	42.98 2.32 -10.16	45.43 1.90 -19.13	56.38 2.59 -27.06	57.45 2.80 -26.39	54.11 1.87 -29.74	51.89 1.56 -29.83	47.24 1.34 -25.58	37.82 1.50 -13.16	32.22 1.96 -4.12	29.32 1.80 -1.46
ASTORIA_GT3_3 24100	28.51 1.51 -1.02	27.24 1.47 -0.01	27.64 1.45 -0.32	27.48 1.24 -2.79	28.87 1.20 -4.12	26.47 1.45 0.00	29.82 1.45 -2.41	32.10 1.38 -4.69	34.31 1.43 -6.31	36.40 1.63 -5.19	36.24 2.06 0.14	38.98 1.99 -3.32	41.41 2.14 -4.68	42.70 2.24 -7.03	42.98 2.32 -10.16	45.43 1.90 -19.13	56.38 2.59 -27.06	57.45 2.80 -26.39	54.11 1.87 -29.74	51.89 1.56 -29.83	47.24 1.34 -25.58	37.82 1.50 -13.16	32.22 1.96 -4.12	29.32 1.80 -1.46
ASTORIA_GT3_4 24101	28.51 1.51 -1.02	27.24 1.47 -0.01	27.64 1.45 -0.32	27.48 1.24 -2.79	28.87 1.20 -4.12	26.47 1.45 0.00	29.82 1.45 -2.41	32.10 1.38 -4.69	34.31 1.43 -6.31	36.40 1.63 -5.19	36.24 2.06 0.14	38.98 1.99 -3.32	41.41 2.14 -4.68	42.70 2.24 -7.03	42.98 2.32 -10.16	45.43 1.90 -19.13	56.38 2.59 -27.06	57.45 2.80 -26.39	54.11 1.87 -29.74	51.89 1.56 -29.83	47.24 1.34 -25.58	37.82 1.50 -13.16	32.22 1.96 -4.12	29.32 1.80 -1.46
ASTORIA_GT4_1 24102	28.51 1.51 -1.02	27.24 1.47 -0.01	27.64 1.45 -0.32	27.48 1.24 -2.79	28.87 1.20 -4.12	26.47 1.45 0.00	29.82 1.45 -2.41	32.10 1.38 -4.69	34.31 1.43 -6.31	36.40 1.63 -5.19	36.24 2.06 0.14	38.98 1.99 -3.32	41.41 2.14 -4.68	42.70 2.24 -7.03	42.98 2.32 -10.16	45.43 1.90 -19.13	56.38 2.59 -27.06	57.45 2.80 -26.39	54.11 1.87 -29.74	51.89 1.56 -29.83	47.24 1.34 -25.58	37.82 1.50 -13.16	32.22 1.96 -4.12	29.32 1.80 -1.46
ASTORIA_GT4_2 24103	28.51 1.51 -1.02	27.24 1.47 -0.01	27.64 1.45 -0.32	27.48 1.24 -2.79	28.87 1.20 -4.12	26.47 1.45 0.00	29.82 1.45 -2.41	32.10 1.38 -4.69	34.31 1.43 -6.31	36.40 1.63 -5.19	36.24 2.06 0.14	38.98 1.99 -3.32	41.41 2.14 -4.68	42.70 2.24 -7.03	42.98 2.32 -10.16	45.43 1.90 -19.13	56.38 2.59 -27.06	57.45 2.80 -26.39	54.11 1.87 -29.74	51.89 1.56 -29.83	47.24 1.34 -25.58	37.82 1.50 -13.16	32.22 1.96 -4.12	29.32 1.80 -1.46
ASTORIA_GT4_3 24104	28.51 1.51 -1.02	27.24 1.47 -0.01	27.64 1.45 -0.32	27.48 1.24 -2.79	28.87 1.20 -4.12	26.47 1.45 0.00	29.82 1.45 -2.41	32.10 1.38 -4.69	34.31 1.43 -6.31	36.40 1.63 -5.19	36.24 2.06 0.14	38.98 1.99 -3.32	41.41 2.14 -4.68	42.70 2.24 -7.03	42.98 2.32 -10.16	45.43 1.90 -19.13	56.38 2.59 -27.06	57.45 2.80 -26.39	54.11 1.87 -29.74	51.89 1.56 -29.83	47.24 1.34 -25.58	37.82 1.50 -13.16	32.22 1.96 -4.12	29.32 1.80 -1.46
ASTORIA_GT4_4 24105	28.51 1.51 -1.02	27.24 1.47 -0.01	27.64 1.45 -0.32	27.48 1.24 -2.79	28.87 1.20 -4.12	26.47 1.45 0.00	29.82 1.45 -2.41	32.10 1.38 -4.69	34.31 1.43 -6.31	36.40 1.63 -5.19	36.24 2.06 0.14	38.98 1.99 -3.32	41.41 2.14 -4.68	42.70 2.24 -7.03	42.98 2.32 -10.16	45.43 1.90 -19.13	56.38 2.59 -27.06	57.45 2.80 -26.39	54.11 1.87 -29.74	51.89 1.56 -29.83	47.24 1.34 -25.58	37.82 1.50 -13.16	32.22 1.96 -4.12	29.32 1.80 -1.46
ASTORIA_GT_1 23523	28.72 1.71 -1.02	27.31 1.55 -0.01	27.69 1.50 -0.32	27.53 1.29 -2.79	28.92 1.25 -4.12	26.56 1.53 -0.01	29.84 1.48 -2.41	32.15 1.43 -4.69	34.39 1.49 -6.34	36.50 1.71 -5.21	36.38 2.20 0.14	39.07 2.05 -3.33	41.51 2.22 -4.70	42.80 2.30 -7.06	43.09 2.38 -10.21	45.57 1.95 -19.22	56.59 2.67 -27.18	57.54 2.88 -26.39	54.18 1.94 -29.74	51.93 1.60 -29.83	47.28 1.38 -25.58	37.86 1.55 -13.16	32.27 2.01 -4.12	29.38 1.85 -1.46

ASTORIA_GT_10 24110	28.43 1.43 -1.02	27.16 1.39 -0.01	27.50 1.32 -0.31	27.35 1.13 -2.79	28.74 1.08 -4.11	26.35 1.33 0.00	29.77 1.40 -2.41	32.15 1.43 -4.69	34.42 1.54 -6.31	36.48 1.72 -5.19	36.27 2.09 0.14	38.95 1.95 -3.32	41.34 2.08 -4.68	42.63 2.17 -7.03	42.88 2.23 -10.16	45.35 1.83 -19.13	56.33 2.54 -27.06	57.34 2.68 -26.39	54.07 1.82 -29.74	51.78 1.46 -29.82	47.22 1.32 -25.58	37.73 1.41 -13.16	32.10 1.86 -4.11	29.21 1.69 -1.46
ASTORIA_GT_11 24225	28.43 1.43 -1.02	27.16 1.39 -0.01	27.50 1.32 -0.31	27.35 1.13 -2.79	28.74 1.08 -4.11	26.35 1.33 0.00	29.77 1.40 -2.41	32.15 1.43 -4.69	34.42 1.54 -6.31	36.48 1.72 -5.19	36.27 2.09 0.14	38.95 1.95 -3.32	41.34 2.08 -4.68	42.63 2.17 -7.03	42.88 2.23 -10.16	45.35 1.83 -19.13	56.33 2.54 -27.06	57.34 2.68 -26.39	54.07 1.82 -29.74	51.78 1.46 -29.82	47.22 1.32 -25.58	37.73 1.41 -13.16	32.10 1.86 -4.11	29.21 1.69 -1.46
ASTORIA_GT_12 24226	28.62 1.61 -1.02	27.19 1.42 -0.01	27.52 1.34 -0.31	27.35 1.13 -2.79	28.74 1.08 -4.11	26.37 1.35 0.00	29.76 1.40 -2.41	32.15 1.43 -4.69	34.45 1.54 -6.34	36.54 1.74 -5.21	36.31 2.13 0.14	38.97 1.95 -3.33	41.37 2.08 -4.70	42.66 2.17 -7.06	42.90 2.20 -10.21	45.44 1.83 -19.22	56.45 2.54 -27.18	57.34 2.69 -26.39	54.07 1.82 -29.74	51.80 1.48 -29.82	47.22 1.32 -25.58	37.73 1.41 -13.16	32.10 1.86 -4.11	29.21 1.69 -1.46
ASTORIA_GT_13 24227	28.62 1.61 -1.02	27.19 1.42 -0.01	27.52 1.34 -0.31	27.35 1.13 -2.79	28.74 1.08 -4.11	26.37 1.35 0.00	29.76 1.40 -2.41	32.15 1.43 -4.69	34.45 1.54 -6.34	36.54 1.74 -5.21	36.31 2.13 0.14	38.97 1.95 -3.33	41.37 2.08 -4.70	42.66 2.17 -7.06	42.90 2.20 -10.21	45.44 1.83 -19.22	56.45 2.54 -27.18	57.34 2.69 -26.39	54.07 1.82 -29.74	51.80 1.48 -29.82	47.22 1.32 -25.58	37.73 1.41 -13.16	32.10 1.86 -4.11	29.21 1.69 -1.46
ASTORIA_GT_5 24106	28.72 1.71 -1.02	27.31 1.55 -0.01	27.69 1.50 -0.32	27.53 1.29 -2.79	28.92 1.25 -4.12	26.56 1.53 -0.01	29.84 1.48 -2.41	32.15 1.43 -4.69	34.39 1.49 -6.34	36.50 1.71 -5.21	36.38 2.20 0.14	39.07 2.05 -3.33	41.51 2.22 -4.70	42.80 2.30 -7.06	43.09 2.38 -10.21	45.57 1.95 -19.22	56.59 2.67 -27.18	57.54 2.88 -26.39	54.18 1.94 -29.74	51.93 1.60 -29.83	47.28 1.38 -25.58	37.86 1.55 -13.16	32.27 2.01 -4.12	29.38 1.85 -1.46
ASTORIA_GT_7 24107	28.72 1.71 -1.02	27.31 1.55 -0.01	27.69 1.50 -0.32	27.53 1.29 -2.79	28.92 1.25 -4.12	26.56 1.53 -0.01	29.84 1.48 -2.41	32.15 1.43 -4.69	34.39 1.49 -6.34	36.50 1.71 -5.21	36.38 2.20 0.14	39.07 2.05 -3.33	41.51 2.22 -4.70	42.80 2.30 -7.06	43.09 2.38 -10.21	45.57 1.95 -19.22	56.59 2.67 -27.18	57.54 2.88 -26.39	54.18 1.94 -29.74	51.93 1.60 -29.83	47.28 1.38 -25.58	37.86 1.55 -13.16	32.27 2.01 -4.12	29.38 1.85 -1.46
ASTORIA_GT_8 24108	28.56 1.56 -1.02	27.29 1.52 -0.01	27.66 1.47 -0.32	27.53 1.29 -2.79	28.92 1.25 -4.12	26.50 1.48 0.00	29.84 1.48 -2.41	32.15 1.43 -4.69	34.37 1.49 -6.31	36.45 1.69 -5.19	36.30 2.13 0.14	39.05 2.05 -3.32	41.48 2.21 -4.68	42.76 2.31 -7.03	43.04 2.38 -10.16	45.48 1.95 -19.13	56.46 2.67 -27.06	57.54 2.88 -26.39	54.18 1.94 -29.74	51.93 1.60 -29.83	47.28 1.38 -25.58	37.86 1.55 -13.16	32.27 2.01 -4.12	29.35 1.82 -1.46
ASTORIA___2 24149	28.67 1.66 -1.02	27.26 1.49 -0.01	27.66 1.47 -0.32	27.48 1.24 -2.79	28.87 1.20 -4.12	26.53 1.50 -0.01	29.82 1.45 -2.41	32.10 1.38 -4.69	34.34 1.43 -6.34	36.44 1.66 -5.21	36.31 2.13 0.14	39.00 1.99 -3.33	41.44 2.15 -4.70	42.73 2.24 -7.06	43.02 2.32 -10.21	45.52 1.90 -19.22	56.51 2.59 -27.18	57.45 2.80 -26.39	54.11 1.87 -29.74	51.88 1.56 -29.83	47.24 1.34 -25.58	37.82 1.50 -13.16	32.22 1.96 -4.12	29.32 1.80 -1.46
ASTORIA___3 23516	28.62 1.61 -1.02	27.19 1.42 -0.01	27.52 1.34 -0.31	27.35 1.13 -2.79	28.74 1.08 -4.11	26.37 1.35 0.00	29.76 1.40 -2.41	32.15 1.43 -4.69	34.45 1.54 -6.34	36.54 1.74 -5.21	36.31 2.13 0.14	38.97 1.95 -3.33	41.37 2.08 -4.70	42.66 2.17 -7.06	42.90 2.20 -10.21	45.44 1.83 -19.22	56.45 2.54 -27.18	57.34 2.69 -26.39	54.07 1.82 -29.74	51.78 1.46 -29.82	47.22 1.32 -25.58	37.73 1.41 -13.16	32.10 1.86 -4.11	29.21 1.69 -1.46
ASTORIA___4 23517	28.43 1.43 -1.02	27.16 1.39 -0.01	27.50 1.32 -0.31	27.35 1.13 -2.79	28.74 1.08 -4.11	26.35 1.33 0.00	29.77 1.40 -2.41	32.15 1.43 -4.69	34.42 1.54 -6.31	36.48 1.72 -5.19	36.27 2.09 0.14	38.95 1.95 -3.32	41.34 2.08 -4.68	42.63 2.17 -7.03	42.88 2.23 -10.16	45.35 1.83 -19.13	56.33 2.54 -27.06	57.34 2.68 -26.39	54.07 1.82 -29.74	51.78 1.46 -29.82	47.22 1.32 -25.58	37.73 1.41 -13.16	32.10 1.86 -4.11	29.21 1.69 -1.46
ASTORIA___5 23518	28.62 1.61 -1.02	27.19 1.42 -0.01	27.52 1.34 -0.31	27.35 1.13 -2.79	28.74 1.08 -4.11	26.37 1.35 0.00	29.76 1.40 -2.41	32.15 1.43 -4.69	34.45 1.54 -6.34	36.54 1.74 -5.21	36.31 2.13 0.14	38.97 1.95 -3.33	41.37 2.08 -4.70	42.66 2.17 -7.06	42.90 2.20 -10.21	45.44 1.83 -19.22	56.45 2.54 -27.18	57.34 2.69 -26.39	54.07 1.82 -29.74	51.80 1.48 -29.82	47.22 1.32 -25.58	37.73 1.41 -13.16	32.10 1.86 -4.11	29.21 1.69 -1.46
AST_ENERGY_2_CC3 323677	28.45 1.45 -1.02	27.00 1.24 0.00	27.34 1.17 -0.31	27.21 0.98 -2.79	28.60 0.94 -4.11	26.22 1.20 0.00	29.66 1.30 -2.41	32.10 1.38 -4.69	34.40 1.49 -6.34	36.51 1.71 -5.21	36.20 2.02 0.14	38.90 1.88 -3.33	41.30 2.01 -4.70	42.53 2.04 -7.06	42.78 2.07 -10.21	45.37 1.76 -19.22	56.28 2.38 -27.18	57.20 2.54 -26.39	54.00 1.76 -29.74	51.71 1.39 -29.82	47.22 1.32 -25.58	37.68 1.37 -13.16	31.92 1.67 -4.11	29.05 1.54 -1.46
AST_ENERGY_2_CC4 323678	28.45 1.45 -1.02	27.00 1.24 0.00	27.34 1.17 -0.31	27.21 0.98 -2.79	28.60 0.94 -4.11	26.22 1.20 0.00	29.66 1.30 -2.41	32.10 1.38 -4.69	34.40 1.49 -6.34	36.51 1.71 -5.21	36.20 2.02 0.14	38.90 1.88 -3.33	41.30 2.01 -4.70	42.53 2.04 -7.06	42.78 2.07 -10.21	45.37 1.76 -19.22	56.28 2.38 -27.18	57.20 2.54 -26.39	54.00 1.76 -29.74	51.71 1.39 -29.82	47.22 1.32 -25.58	37.68 1.37 -13.16	31.92 1.67 -4.11	29.05 1.54 -1.46
ATHENS_STG_1 23668	28.02 0.99 -1.05	26.71 0.95 0.00	27.20 1.01 -0.32	27.20 0.87 -2.89	28.66 0.85 -4.26	25.90 0.88 0.00	29.45 0.93 -2.57	31.87 0.94 -4.90	34.13 0.93 -6.64	36.08 1.03 -5.46	35.56 1.23 0.00	38.44 1.18 -3.58	40.77 1.21 -4.97	42.02 1.24 -7.36	42.32 1.25 -10.57	45.35 1.05 -19.91	56.16 1.28 -28.14	57.07 1.36 -27.45	54.42 0.99 -30.93	52.35 0.84 -31.01	47.75 0.83 -26.60	37.70 0.86 -13.69	31.43 1.02 -4.27	28.59 1.02 -1.51
ATHENS_STG_2 23670	28.02 0.99 -1.05	26.71 0.95 0.00	27.20 1.01 -0.32	27.20 0.87 -2.89	28.66 0.85 -4.26	25.90 0.88 0.00	29.45 0.93 -2.57	31.87 0.94 -4.90	34.13 0.93 -6.64	36.08 1.03 -5.46	35.56 1.23 0.00	38.44 1.18 -3.58	40.77 1.21 -4.97	42.02 1.24 -7.36	42.32 1.25 -10.57	45.35 1.05 -19.91	56.16 1.28 -28.14	57.07 1.36 -27.45	54.42 0.99 -30.93	52.35 0.84 -31.01	47.75 0.83 -26.60	37.70 0.86 -13.69	31.43 1.02 -4.27	28.59 1.02 -1.51

ATHENS_STG_3 23677	28.02 0.99 -1.05	26.71 0.95 0.00	27.20 1.01 -0.32	27.20 0.87 -2.89	28.66 0.85 -4.26	25.90 0.88 0.00	29.45 0.93 -2.57	31.87 0.94 -4.90	34.13 0.93 -6.64	36.08 1.03 -5.46	35.56 1.23 0.00	38.44 1.18 -3.58	40.77 1.21 -4.97	42.02 1.24 -7.36	42.32 1.25 -10.57	45.35 1.05 -19.91	56.16 1.28 -28.14	57.07 1.36 -27.45	54.42 0.99 -30.93	52.35 0.84 -31.01	47.75 0.83 -26.60	37.70 0.86 -13.69	31.43 1.02 -4.27	28.59 1.02 -1.51
AUBURN____LFGE 323710	26.21 0.10 -0.13	25.97 0.21 0.00	26.04 0.13 -0.04	23.86 0.07 -0.35	24.21 0.14 -0.52	25.32 0.30 0.00	26.14 0.08 -0.11	26.81 0.23 -0.54	27.52 0.24 -0.72	30.38 0.24 -0.56	34.22 0.45 0.55	34.37 0.64 -0.05	35.49 0.55 -0.35	34.91 0.57 -0.91	32.74 0.70 -1.54	28.26 0.98 -2.90	31.70 0.88 -4.09	33.25 0.96 -4.03	27.87 0.88 -4.49	25.88 0.88 -4.50	25.01 0.83 -3.86	25.86 0.72 -1.99	27.13 0.37 -0.62	26.52 0.23 -0.22
BABYLON_RES_REC 323704	36.81 2.18 -8.65	31.90 2.06 -4.07	28.22 2.04 -0.31	28.01 1.76 -2.81	29.40 1.74 -4.11	28.77 2.00 -1.75	30.41 2.05 -2.41	32.54 1.82 -4.69	34.88 1.97 -6.35	37.16 2.37 -5.22	41.48 2.95 -4.21	43.40 2.79 -6.93	44.17 2.91 -6.68	44.59 2.88 -8.29	46.49 2.80 -13.19	51.20 2.17 -24.64	58.76 2.67 -29.36	59.46 2.83 -28.37	57.62 2.07 -33.05	55.46 1.78 -33.18	48.48 1.73 -26.43	44.44 2.08 -19.20	43.40 2.51 -14.75	41.86 2.40 -13.40
BABYLON__69_KV_BK2 356345	36.99 2.36 -8.65	32.21 2.37 -4.07	28.51 2.33 -0.31	28.31 2.06 -2.81	29.69 2.03 -4.11	29.04 2.28 -1.75	30.75 2.39 -2.41	32.88 2.16 -4.69	35.19 2.31 -6.32	37.64 2.87 -5.19	41.99 3.47 -4.21	43.93 3.33 -6.91	44.70 3.46 -6.66	45.06 3.38 -8.25	46.90 3.26 -13.14	51.70 2.76 -24.55	59.41 3.45 -29.23	63.74 3.67 -31.81	64.36 2.77 -39.09	56.05 2.34 -33.21	50.56 2.23 -28.00	44.99 2.48 -19.36	43.93 2.95 -14.83	42.30 2.84 -13.40
BARON_WINDS____WT_PWR 323822	26.32 0.10 -0.23	25.74 -0.03 0.00	25.66 -0.28 -0.07	23.76 -0.33 -0.64	24.17 -0.33 -0.95	24.85 -0.17 0.00	25.71 -0.39 -0.15	26.68 -0.23 -0.88	27.38 -0.35 -1.16	30.07 -0.41 -0.90	32.85 -0.45 1.02	33.54 -0.13 0.00	34.79 -0.31 -0.52	34.62 -0.30 -1.50	33.31 0.24 -2.57	30.16 0.93 -4.85	34.41 0.83 -6.85	35.64 0.71 -6.67	30.96 0.94 -7.51	28.91 0.88 -7.53	27.75 0.98 -6.46	27.29 0.81 -3.32	27.44 0.26 -1.04	26.61 0.18 -0.37
BARRETT_IC_1 23704	36.53 1.90 -8.65	31.54 1.70 -4.07	27.86 1.68 -0.31	27.70 1.45 -2.81	29.07 1.41 -4.11	28.39 1.63 -1.75	30.05 1.69 -2.41	32.18 1.46 -4.69	34.53 1.62 -6.35	36.78 1.98 -5.22	40.93 2.40 -4.21	42.87 2.26 -6.93	43.62 2.35 -6.68	44.09 2.37 -8.29	46.03 2.35 -13.19	51.03 2.00 -24.64	58.54 2.46 -29.35	57.38 2.60 -26.52	54.18 1.89 -29.79	55.25 1.58 -33.17	47.47 1.56 -25.59	43.92 1.67 -19.10	42.98 2.14 -14.70	41.50 2.03 -13.40
BARRETT_IC_10 23701	36.53 1.90 -8.65	31.54 1.70 -4.07	27.86 1.68 -0.31	27.70 1.45 -2.81	29.07 1.41 -4.11	28.39 1.63 -1.75	30.05 1.69 -2.41	32.18 1.46 -4.69	34.53 1.62 -6.35	36.78 1.98 -5.22	40.93 2.40 -4.21	42.87 2.26 -6.93	43.62 2.35 -6.68	44.09 2.37 -8.29	46.03 2.35 -13.19	51.03 2.00 -24.64	58.54 2.46 -29.35	57.38 2.60 -26.52	54.18 1.89 -29.79	55.25 1.58 -33.17	47.47 1.56 -25.59	43.92 1.67 -19.10	42.98 2.14 -14.70	41.50 2.03 -13.40
BARRETT_IC_11 23702	36.53 1.90 -8.65	31.54 1.70 -4.07	27.86 1.68 -0.31	27.70 1.45 -2.81	29.07 1.41 -4.11	28.39 1.63 -1.75	30.05 1.69 -2.41	32.18 1.46 -4.69	34.53 1.62 -6.35	36.78 1.98 -5.22	40.93 2.40 -4.21	42.87 2.26 -6.93	43.62 2.35 -6.68	44.09 2.37 -8.29	46.03 2.35 -13.19	51.03 2.00 -24.64	58.54 2.46 -29.35	57.38 2.60 -26.52	54.18 1.89 -29.79	55.25 1.58 -33.17	47.47 1.56 -25.59	43.92 1.67 -19.10	42.98 2.14 -14.70	41.50 2.03 -13.40
BARRETT_IC_12 23703	36.53 1.90 -8.65	31.54 1.70 -4.07	27.86 1.68 -0.31	27.70 1.45 -2.81	29.07 1.41 -4.11	28.39 1.63 -1.75	30.05 1.69 -2.41	32.18 1.46 -4.69	34.53 1.62 -6.35	36.78 1.98 -5.22	40.93 2.40 -4.21	42.87 2.26 -6.93	43.62 2.35 -6.68	44.09 2.37 -8.29	46.03 2.35 -13.19	51.03 2.00 -24.64	58.54 2.46 -29.35	57.38 2.60 -26.52	54.18 1.89 -29.79	55.25 1.58 -33.17	47.47 1.56 -25.59	43.92 1.67 -19.10	42.98 2.14 -14.70	41.50 2.03 -13.40
BARRETT_IC_2 23705	36.53 1.90 -8.65	31.54 1.70 -4.07	27.86 1.68 -0.31	27.70 1.45 -2.81	29.07 1.41 -4.11	28.39 1.63 -1.75	30.05 1.69 -2.41	32.18 1.46 -4.69	34.53 1.62 -6.35	36.78 1.98 -5.22	40.93 2.40 -4.21	42.87 2.26 -6.93	43.62 2.35 -6.68	44.09 2.37 -8.29	46.03 2.35 -13.19	51.03 2.00 -24.64	58.54 2.46 -29.35	57.38 2.60 -26.52	54.18 1.89 -29.79	55.25 1.58 -33.17	47.47 1.56 -25.59	43.92 1.67 -19.10	42.98 2.14 -14.70	41.50 2.03 -13.40
BARRETT_IC_3 23706	36.53 1.90 -8.65	31.54 1.70 -4.07	27.86 1.68 -0.31	27.70 1.45 -2.81	29.07 1.41 -4.11	28.39 1.63 -1.75	30.05 1.69 -2.41	32.18 1.46 -4.69	34.53 1.62 -6.35	36.78 1.98 -5.22	40.93 2.40 -4.21	42.87 2.26 -6.93	43.62 2.35 -6.68	44.09 2.37 -8.29	46.03 2.35 -13.19	51.03 2.00 -24.64	58.54 2.46 -29.35	57.38 2.60 -26.52	54.18 1.89 -29.79	55.25 1.58 -33.17	47.47 1.56 -25.59	43.92 1.67 -19.10	42.98 2.14 -14.70	41.50 2.03 -13.40
BARRETT_IC_4 23707	36.53 1.90 -8.65	31.54 1.70 -4.07	27.86 1.68 -0.31	27.70 1.45 -2.81	29.07 1.41 -4.11	28.39 1.63 -1.75	30.05 1.69 -2.41	32.18 1.46 -4.69	34.53 1.62 -6.35	36.78 1.98 -5.22	40.93 2.40 -4.21	42.87 2.26 -6.93	43.62 2.35 -6.68	44.09 2.37 -8.29	46.03 2.35 -13.19	51.03 2.00 -24.64	58.54 2.46 -29.35	57.38 2.60 -26.52	54.18 1.89 -29.79	55.25 1.58 -33.17	47.47 1.56 -25.59	43.92 1.67 -19.10	42.98 2.14 -14.70	41.50 2.03 -13.40
BARRETT_IC_5 23708	36.53 1.90 -8.65	31.54 1.70 -4.07	27.86 1.68 -0.31	27.70 1.45 -2.81	29.07 1.41 -4.11	28.39 1.63 -1.75	30.05 1.69 -2.41	32.18 1.46 -4.69	34.53 1.62 -6.35	36.78 1.98 -5.22	40.93 2.40 -4.21	42.87 2.26 -6.93	43.62 2.35 -6.68	44.09 2.37 -8.29	46.03 2.35 -13.19	51.03 2.00 -24.64	58.54 2.46 -29.35	57.38 2.60 -26.52	54.18 1.89 -29.79	55.25 1.58 -33.17	47.47 1.56 -25.59	43.92 1.67 -19.10	42.98 2.14 -14.70	41.50 2.03 -13.40
BARRETT_IC_6 23709	36.53 1.90 -8.65	31.54 1.70 -4.07	27.86 1.68 -0.31	27.70 1.45 -2.81	29.07 1.41 -4.11	28.39 1.63 -1.75	30.05 1.69 -2.41	32.18 1.46 -4.69	34.53 1.62 -6.35	36.78 1.98 -5.22	40.93 2.40 -4.21	42.87 2.26 -6.93	43.62 2.35 -6.68	44.09 2.37 -8.29	46.03 2.35 -13.19	51.03 2.00 -24.64	58.54 2.46 -29.35	57.38 2.60 -26.52	54.18 1.89 -29.79	55.25 1.58 -33.17	47.47 1.56 -25.59	43.92 1.67 -19.10	42.98 2.14 -14.70	41.50 2.03 -13.40
BARRETT_IC_7 23710	36.37 1.74 -8.65	31.51 1.67 -4.07	27.83 1.66 -0.31	27.70 1.45 -2.81	29.07 1.41 -4.11	28.37 1.60 -1.75	30.05 1.69 -2.41	32.21 1.48 -4.69	34.50 1.62 -6.32	36.78 2.01 -5.19	40.90 2.37 -4.21	42.85 2.26 -6.91	43.59 2.35 -6.65	44.05 2.37 -8.25	46.02 2.38 -13.14	50.94 2.00 -24.55	58.42 2.46 -29.23	57.38 2.60 -26.52	54.18 1.89 -29.79	55.25 1.58 -33.17	47.47 1.56 -25.59	43.92 1.67 -19.10	42.98 2.14 -14.70	41.47 2.01 -13.40

BARRETT_IC_8 23711	36.53 1.90 -8.65	31.54 1.70 -4.07	27.86 1.68 -0.31	27.70 1.45 -2.81	29.07 1.41 -4.11	28.39 1.63 -1.75	30.05 1.69 -2.41	32.18 1.46 -4.69	34.53 1.62 -6.35	36.78 1.98 -5.22	40.93 2.40 -4.21	42.87 2.26 -6.93	43.62 2.35 -6.68	44.09 2.37 -8.29	46.03 2.35 -13.19	51.03 2.00 -24.64	58.54 2.46 -29.35	57.38 2.60 -26.52	54.18 1.89 -29.79	55.25 1.58 -33.17	47.47 1.56 -25.59	43.92 1.67 -19.10	42.98 2.14 -14.70	41.50 2.03 -13.40
BARRETT_IC_9 23700	36.53 1.90 -8.65	31.54 1.70 -4.07	27.86 1.68 -0.31	27.70 1.45 -2.81	29.07 1.41 -4.11	28.39 1.63 -1.75	30.05 1.69 -2.41	32.18 1.46 -4.69	34.53 1.62 -6.35	36.78 1.98 -5.22	40.93 2.40 -4.21	42.87 2.26 -6.93	43.62 2.35 -6.68	44.09 2.37 -8.29	46.03 2.35 -13.19	51.03 2.00 -24.64	58.54 2.46 -29.35	57.38 2.60 -26.52	54.18 1.89 -29.79	55.25 1.58 -33.17	47.47 1.56 -25.59	43.92 1.67 -19.10	42.98 2.14 -14.70	41.50 2.03 -13.40
BARRETT___1 23545	36.53 1.90 -8.65	31.54 1.70 -4.07	27.86 1.68 -0.31	27.70 1.45 -2.81	29.07 1.41 -4.11	28.39 1.63 -1.75	30.05 1.69 -2.41	32.18 1.46 -4.69	34.53 1.62 -6.35	36.78 1.98 -5.22	40.93 2.40 -4.21	42.87 2.26 -6.93	43.62 2.35 -6.68	44.09 2.37 -8.29	46.03 2.35 -13.19	51.03 2.00 -24.64	58.54 2.46 -29.35	57.38 2.60 -26.52	54.18 1.89 -29.79	55.25 1.58 -33.17	47.47 1.56 -25.59	43.92 1.67 -19.10	42.98 2.14 -14.70	41.50 2.03 -13.40
BARRETT___2 23546	36.53 1.90 -8.65	31.54 1.70 -4.07	27.86 1.68 -0.31	27.70 1.45 -2.81	29.07 1.41 -4.11	28.39 1.63 -1.75	30.05 1.69 -2.41	32.18 1.46 -4.69	34.53 1.62 -6.35	36.78 1.98 -5.22	40.93 2.40 -4.21	42.87 2.26 -6.93	43.62 2.35 -6.68	44.09 2.37 -8.29	46.03 2.35 -13.19	51.03 2.00 -24.64	58.54 2.46 -29.35	57.38 2.60 -26.52	54.18 1.89 -29.79	55.25 1.58 -33.17	47.47 1.56 -25.59	43.92 1.67 -19.10	42.98 2.14 -14.70	41.50 2.03 -13.40
BATAVIA___115KV_TB1 55881	26.10 -0.03 -0.15	25.66 -0.10 0.00	25.37 -0.54 -0.04	23.47 -0.38 -0.40	23.78 -0.35 -0.59	25.00 -0.03 0.00	25.44 -0.26 0.25	26.24 -0.16 -0.36	26.96 -0.05 -0.44	29.72 -0.15 -0.29	32.82 -0.07 1.43	33.17 0.13 0.65	34.46 0.03 0.16	34.15 -0.07 -0.79	32.56 0.34 -1.72	28.70 1.07 -3.24	32.19 0.88 -4.58	33.71 0.99 -4.46	28.59 1.06 -5.03	26.55 1.00 -5.04	25.82 1.18 -4.33	26.40 1.02 -2.23	27.20 0.37 -0.69	26.65 0.34 -0.25
BAYONEEC___CTG1 323682	28.45 1.45 -1.02	27.00 1.24 0.00	27.34 1.17 -0.31	27.21 0.98 -2.79	28.63 0.97 -4.11	26.22 1.20 0.00	29.69 1.32 -2.41	32.10 1.38 -4.69	34.42 1.51 -6.34	36.51 1.71 -5.21	36.20 2.02 0.14	38.93 1.92 -3.33	41.30 2.01 -4.70	42.56 2.07 -7.06	42.78 2.07 -10.21	45.39 1.78 -19.22	56.31 2.41 -27.18	57.20 2.54 -26.39	54.02 1.78 -29.74	51.71 1.39 -29.82	47.22 1.32 -25.58	37.68 1.37 -13.16	31.95 1.70 -4.11	29.08 1.56 -1.46
BAYONEEC___CTG10 323750	28.45 1.45 -1.02	27.00 1.24 0.00	27.34 1.17 -0.31	27.21 0.98 -2.79	28.63 0.97 -4.11	26.22 1.20 0.00	29.69 1.32 -2.41	32.10 1.38 -4.69	34.42 1.51 -6.34	36.51 1.71 -5.21	36.20 2.02 0.14	38.93 1.92 -3.33	41.30 2.01 -4.70	42.56 2.07 -7.06	42.78 2.07 -10.21	45.39 1.78 -19.22	56.31 2.41 -27.18	57.20 2.54 -26.39	54.02 1.78 -29.74	51.71 1.39 -29.82	47.22 1.32 -25.58	37.68 1.37 -13.16	31.95 1.70 -4.11	29.08 1.56 -1.46
BAYONEEC___CTG2 323683	28.45 1.45 -1.02	27.00 1.24 0.00	27.34 1.17 -0.31	27.21 0.98 -2.79	28.63 0.97 -4.11	26.22 1.20 0.00	29.69 1.32 -2.41	32.10 1.38 -4.69	34.42 1.51 -6.34	36.51 1.71 -5.21	36.20 2.02 0.14	38.93 1.92 -3.33	41.30 2.01 -4.70	42.56 2.07 -7.06	42.78 2.07 -10.21	45.39 1.78 -19.22	56.31 2.41 -27.18	57.20 2.54 -26.39	54.02 1.78 -29.74	51.71 1.39 -29.82	47.22 1.32 -25.58	37.68 1.37 -13.16	31.95 1.70 -4.11	29.08 1.56 -1.46
BAYONEEC___CTG3 323684	28.45 1.45 -1.02	27.00 1.24 0.00	27.34 1.17 -0.31	27.21 0.98 -2.79	28.63 0.97 -4.11	26.22 1.20 0.00	29.69 1.32 -2.41	32.10 1.38 -4.69	34.42 1.51 -6.34	36.51 1.71 -5.21	36.20 2.02 0.14	38.93 1.92 -3.33	41.30 2.01 -4.70	42.56 2.07 -7.06	42.78 2.07 -10.21	45.39 1.78 -19.22	56.31 2.41 -27.18	57.20 2.54 -26.39	54.02 1.78 -29.74	51.71 1.39 -29.82	47.22 1.32 -25.58	37.68 1.37 -13.16	31.95 1.70 -4.11	29.08 1.56 -1.46
BAYONEEC___CTG4 323685	28.45 1.45 -1.02	27.00 1.24 0.00	27.34 1.17 -0.31	27.21 0.98 -2.79	28.63 0.97 -4.11	26.22 1.20 0.00	29.69 1.32 -2.41	32.10 1.38 -4.69	34.42 1.51 -6.34	36.51 1.71 -5.21	36.20 2.02 0.14	38.93 1.92 -3.33	41.30 2.01 -4.70	42.56 2.07 -7.06	42.78 2.07 -10.21	45.39 1.78 -19.22	56.31 2.41 -27.18	57.20 2.54 -26.39	54.02 1.78 -29.74	51.71 1.39 -29.82	47.22 1.32 -25.58	37.68 1.37 -13.16	31.95 1.70 -4.11	29.08 1.56 -1.46
BAYONEEC___CTG5 323686	28.45 1.45 -1.02	27.00 1.24 0.00	27.34 1.17 -0.31	27.21 0.98 -2.79	28.63 0.97 -4.11	26.22 1.20 0.00	29.69 1.32 -2.41	32.10 1.38 -4.69	34.42 1.51 -6.34	36.51 1.71 -5.21	36.20 2.02 0.14	38.93 1.92 -3.33	41.30 2.01 -4.70	42.56 2.07 -7.06	42.78 2.07 -10.21	45.39 1.78 -19.22	56.31 2.41 -27.18	57.20 2.54 -26.39	54.02 1.78 -29.74	51.71 1.39 -29.82	47.22 1.32 -25.58	37.68 1.37 -13.16	31.95 1.70 -4.11	29.08 1.56 -1.46
BAYONEEC___CTG6 323687	28.45 1.45 -1.02	27.00 1.24 0.00	27.34 1.17 -0.31	27.21 0.98 -2.79	28.63 0.97 -4.11	26.22 1.20 0.00	29.69 1.32 -2.41	32.10 1.38 -4.69	34.42 1.51 -6.34	36.51 1.71 -5.21	36.20 2.02 0.14	38.93 1.92 -3.33	41.30 2.01 -4.70	42.56 2.07 -7.06	42.78 2.07 -10.21	45.39 1.78 -19.22	56.31 2.41 -27.18	57.20 2.54 -26.39	54.02 1.78 -29.74	51.71 1.39 -29.82	47.22 1.32 -25.58	37.68 1.37 -13.16	31.95 1.70 -4.11	29.08 1.56 -1.46
BAYONEEC___CTG7 323688	28.45 1.45 -1.02	27.00 1.24 0.00	27.34 1.17 -0.31	27.21 0.98 -2.79	28.63 0.97 -4.11	26.22 1.20 0.00	29.69 1.32 -2.41	32.10 1.38 -4.69	34.42 1.51 -6.34	36.51 1.71 -5.21	36.20 2.02 0.14	38.93 1.92 -3.33	41.30 2.01 -4.70	42.56 2.07 -7.06	42.78 2.07 -10.21	45.39 1.78 -19.22	56.31 2.41 -27.18	57.20 2.54 -26.39	54.02 1.78 -29.74	51.71 1.39 -29.82	47.22 1.32 -25.58	37.68 1.37 -13.16	31.95 1.70 -4.11	29.08 1.56 -1.46
BAYONEEC___CTG8 323689	28.45 1.45 -1.02	27.00 1.24 0.00	27.34 1.17 -0.31	27.21 0.98 -2.79	28.63 0.97 -4.11	26.22 1.20 0.00	29.69 1.32 -2.41	32.10 1.38 -4.69	34.42 1.51 -6.34	36.51 1.71 -5.21	36.20 2.02 0.14	38.93 1.92 -3.33	41.30 2.01 -4.70	42.56 2.07 -7.06	42.78 2.07 -10.21	45.39 1.78 -19.22	56.31 2.41 -27.18	57.20 2.54 -26.39	54.02 1.78 -29.74	51.71 1.39 -29.82	47.22 1.32 -25.58	37.68 1.37 -13.16	31.95 1.70 -4.11	29.08 1.56 -1.46
BAYONEEC___CTG9 323749	28.45 1.45 -1.02	27.00 1.24 0.00	27.34 1.17 -0.31	27.21 0.98 -2.79	28.63 0.97 -4.11	26.22 1.20 0.00	29.69 1.32 -2.41	32.10 1.38 -4.69	34.42 1.51 -6.34	36.51 1.71 -5.21	36.20 2.02 0.14	38.93 1.92 -3.33	41.30 2.01 -4.70	42.56 2.07 -7.06	42.78 2.07 -10.21	45.39 1.78 -19.22	56.31 2.41 -27.18	57.20 2.54 -26.39	54.02 1.78 -29.74	51.71 1.39 -29.82	47.22 1.32 -25.58	37.68 1.37 -13.16	31.95 1.70 -4.11	29.08 1.56 -1.46

BEACON___LESR 323632	29.16 1.14 -2.03	26.97 1.21 0.00	27.68 1.19 -0.62	30.08 1.06 -5.58	32.86 1.08 -8.23	26.17 1.15 0.00	31.96 1.14 -4.86	27.93 1.17 -0.72	27.28 1.17 0.46	27.35 1.30 3.53	29.75 1.55 6.12	29.78 1.52 5.42	31.72 1.56 4.43	33.34 1.51 1.59	34.31 1.43 -2.38	26.68 1.17 -1.12	53.21 1.20 -25.28	82.55 1.21 -53.07	83.25 0.94 -59.80	81.30 0.84 -59.96	72.58 0.83 -51.43	50.56 0.95 -26.46	35.45 1.05 -8.26	30.03 1.04 -2.93
BEAVER RIVER___HYD 24048	26.60 0.62 0.00	26.23 0.46 0.00	26.31 0.44 0.00	23.82 0.37 0.00	24.00 0.45 0.00	25.57 0.55 0.00	26.55 0.60 0.00	26.76 0.73 0.00	27.10 0.53 0.00	30.10 0.62 0.11	34.69 0.62 0.25	34.14 0.67 0.22	35.04 0.62 0.17	33.86 0.50 0.07	30.96 0.46 0.00	21.95 0.32 2.75	23.04 0.27 3.96	22.73 0.28 5.82	18.83 0.38 4.05	17.06 0.43 3.87	17.34 0.41 3.38	23.66 0.51 0.00	26.69 0.55 0.00	26.53 0.47 0.00
BEEBEE_GT_13 23619	25.95 -0.16 -0.12	25.50 -0.26 0.00	25.41 -0.49 -0.04	23.40 -0.38 -0.33	23.66 -0.38 -0.49	24.82 -0.20 0.00	25.34 -0.26 0.35	26.10 -0.16 -0.22	26.77 -0.05 -0.26	29.62 -0.09 -0.13	32.86 0.07 1.53	33.15 0.27 0.80	34.46 0.21 0.33	34.16 0.13 -0.60	32.26 0.27 -1.49	27.98 0.78 -2.81	31.31 0.61 -3.97	32.91 0.79 -3.86	27.58 0.72 -4.36	25.56 0.70 -4.37	24.83 0.77 -3.75	25.71 0.63 -1.93	26.82 0.08 -0.60	26.33 0.05 -0.21
BENSHRST_27_KV_BENSHRST_1 355998	28.67 1.66 -1.02	27.37 1.60 -0.01	27.71 1.53 -0.31	27.52 1.29 -2.79	28.88 1.22 -4.11	26.50 1.48 0.00	29.90 1.53 -2.41	32.34 1.61 -4.69	34.61 1.73 -6.31	36.75 1.98 -5.19	36.51 2.33 0.14	39.22 2.22 -3.32	41.59 2.32 -4.68	42.86 2.41 -7.03	43.13 2.47 -10.16	45.57 2.05 -19.13	56.65 2.86 -27.06	57.68 3.02 -26.39	54.34 2.09 -29.74	52.00 1.68 -29.82	47.44 1.54 -25.58	37.93 1.62 -13.16	32.34 2.09 -4.11	29.42 1.90 -1.46
BETHLEHEM___GRP 23843	28.80 0.81 -2.02	26.64 0.88 0.00	27.36 0.88 -0.62	29.75 0.77 -5.53	32.49 0.78 -8.16	25.85 0.83 0.00	31.57 0.78 -4.83	28.44 0.83 -1.57	28.22 0.77 -0.88	28.34 0.86 2.09	29.82 0.96 5.47	30.44 0.91 4.14	32.57 0.97 2.99	34.34 0.90 -0.01	35.57 0.88 -4.18	29.97 0.71 -4.87	55.51 0.72 -28.06	81.57 0.71 -52.60	82.32 0.54 -59.27	80.38 0.45 -59.43	71.74 0.45 -50.98	49.87 0.49 -26.23	34.90 0.58 -8.19	29.56 0.60 -2.90
BETHLEHEM___GS1 323560	28.72 0.73 -2.02	26.66 0.90 0.00	27.39 0.90 -0.62	29.75 0.77 -5.53	32.48 0.78 -8.16	25.87 0.85 0.00	31.57 0.78 -4.83	28.44 0.83 -1.57	28.19 0.77 -0.85	28.32 0.86 2.12	29.85 1.00 5.47	30.43 0.91 4.16	32.54 0.97 3.01	34.31 0.90 0.02	35.52 0.89 -4.14	29.89 0.71 -4.79	55.39 0.72 -27.94	81.57 0.71 -52.60	82.32 0.54 -59.27	80.38 0.45 -59.43	71.74 0.45 -50.98	49.87 0.49 -26.23	34.90 0.57 -8.19	29.56 0.60 -2.90
BETHLEHEM___GS2 323561	28.72 0.73 -2.02	26.66 0.90 0.00	27.39 0.90 -0.62	29.75 0.77 -5.53	32.48 0.78 -8.16	25.87 0.85 0.00	31.57 0.78 -4.83	28.44 0.83 -1.57	28.19 0.77 -0.85	28.32 0.86 2.12	29.85 1.00 5.47	30.43 0.91 4.16	32.54 0.97 3.01	34.31 0.90 0.02	35.52 0.89 -4.14	29.89 0.71 -4.79	55.39 0.72 -27.94	81.57 0.71 -52.60	82.32 0.54 -59.27	80.38 0.45 -59.43	71.74 0.45 -50.98	49.87 0.49 -26.23	34.90 0.57 -8.19	29.56 0.60 -2.90
BETHLEHEM___GS3 323562	28.72 0.73 -2.02	26.66 0.90 0.00	27.39 0.90 -0.62	29.75 0.77 -5.53	32.48 0.78 -8.16	25.87 0.85 0.00	31.57 0.78 -4.83	28.44 0.83 -1.57	28.19 0.77 -0.85	28.32 0.86 2.12	29.85 1.00 5.47	30.43 0.91 4.16	32.54 0.97 3.01	34.31 0.90 0.02	35.52 0.89 -4.14	29.89 0.71 -4.79	55.39 0.72 -27.94	81.57 0.71 -52.60	82.32 0.54 -59.27	80.38 0.45 -59.43	71.74 0.45 -50.98	49.87 0.49 -26.23	34.90 0.57 -8.19	29.56 0.60 -2.90
BETHLEHEM___STEEL 23779	25.89 -0.26 -0.17	25.27 -0.49 0.00	25.04 -0.88 -0.05	23.31 -0.61 -0.47	23.61 -0.64 -0.70	24.70 -0.33 0.00	25.01 -0.80 0.14	25.85 -0.70 -0.51	26.56 -0.66 -0.47	29.28 -0.77 1.33	32.17 -0.82 0.46	32.68 -0.54 -0.03	33.86 -0.76 -1.00	33.66 -0.77 -1.99	32.45 -0.03 -1.99	29.03 0.90 -3.74	32.74 0.72 -5.29	33.86 0.45 -5.15	29.14 0.83 -5.80	27.07 0.76 -5.82	26.24 0.93 -4.99	26.48 0.76 -2.57	27.02 0.08 -0.80	26.40 0.05 -0.28
BETHLHEM_115KV_TB1 79974	28.78 0.83 -1.97	26.66 0.90 0.00	27.38 0.91 -0.60	29.64 0.80 -5.40	32.29 0.78 -7.96	25.85 0.83 0.00	31.48 0.80 -4.72	28.81 0.86 -1.92	28.80 0.80 -1.44	29.04 0.89 1.43	30.28 1.03 5.07	31.15 0.98 3.51	33.28 1.00 2.31	35.06 0.94 -0.70	36.31 0.95 -4.87	31.53 0.76 -6.39	56.17 0.78 -28.66	80.41 0.79 -51.35	80.95 0.59 -57.87	79.03 0.51 -58.02	70.59 0.51 -49.77	49.29 0.53 -25.60	34.76 0.63 -7.99	29.55 0.65 -2.83
BETHPAGE_CC_5 323564	36.58 1.95 -8.65	31.67 1.83 -4.07	28.04 1.86 -0.31	27.84 1.59 -2.81	29.21 1.55 -4.11	28.59 1.83 -1.75	30.23 1.87 -2.41	32.41 1.69 -4.69	34.69 1.78 -6.35	36.95 2.16 -5.22	41.21 2.68 -4.21	43.10 2.49 -6.93	43.86 2.60 -6.68	44.29 2.57 -8.29	46.25 2.56 -13.19	51.18 2.15 -24.64	58.84 2.75 -29.36	58.57 2.91 -27.40	55.98 2.14 -31.34	55.44 1.76 -33.18	47.99 1.69 -25.99	44.13 1.83 -19.14	43.06 2.20 -14.72	41.57 2.11 -13.40
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	25.92 -0.23 -0.18	25.30 -0.46 0.00	25.07 -0.85 -0.05	23.34 -0.59 -0.48	23.65 -0.61 -0.71	24.72 -0.30 0.00	25.00 -0.83 0.12	25.84 -0.73 -0.53	26.55 -0.69 -0.68	29.27 -0.80 -0.49	32.15 -0.86 1.31	32.70 -0.54 0.45	33.88 -0.76 -0.05	33.71 -0.74 -1.02	32.54 0.03 -2.01	29.15 0.98 -3.78	32.88 0.80 -5.35	33.95 0.48 -5.21	29.27 0.90 -5.87	27.19 0.80 -5.89	26.36 1.00 -5.05	26.56 0.81 -2.60	27.08 0.13 -0.81	26.45 0.10 -0.29
BINGHAMTON___COGEN 23790	26.52 0.18 -0.36	25.84 0.08 0.00	25.98 0.00 -0.11	24.45 0.02 -0.98	25.03 0.02 -1.45	25.15 0.13 0.00	26.62 0.03 -0.64	27.76 0.16 -1.57	28.80 0.13 -2.10	31.43 0.15 -1.70	33.97 0.24 0.59	34.82 0.37 -0.77	36.27 0.31 -1.37	36.22 0.33 -2.45	34.85 0.58 -3.77	32.35 0.85 -7.11	37.66 0.88 -10.04	38.88 0.82 -9.80	34.33 0.81 -11.02	32.31 0.76 -11.05	30.57 0.77 -9.48	28.70 0.67 -4.88	28.08 0.42 -1.52	26.94 0.34 -0.54
BIXINCNT_115KV_LOAD 355685	25.91 -0.26 -0.19	25.27 -0.49 0.00	24.99 -0.93 -0.06	23.28 -0.68 -0.51	23.60 -0.71 -0.76	24.65 -0.38 0.00	24.79 -1.09 0.07	25.67 -0.96 -0.60	26.51 -0.82 -0.77	29.11 -1.04 -0.57	31.93 -1.13 1.26	32.54 -0.77 0.36	33.66 -1.07 -0.14	33.54 -1.00 -1.11	32.56 -0.06 -2.12	29.36 0.98 -3.99	33.12 0.75 -5.65	33.99 0.23 -5.50	29.49 0.79 -6.20	27.47 0.76 -6.21	26.62 0.98 -5.33	26.71 0.81 -2.74	27.07 0.08 -0.86	26.34 -0.03 -0.30
BLACK RIVER___HYD 24047	26.84 0.86 0.00	26.38 0.62 0.00	26.44 0.57 0.00	23.91 0.47 0.00	24.09 0.54 0.00	25.75 0.73 0.00	26.76 0.81 0.00	27.02 0.99 0.00	27.28 0.72 0.00	30.31 0.86 0.13	35.01 1.00 0.31	34.53 1.11 0.26	35.45 1.07 0.21	34.28 0.93 0.09	31.38 0.89 0.00	23.23 0.80 1.96	24.69 0.78 2.82	25.08 0.82 4.00	20.60 0.90 2.80	18.78 0.96 2.68	18.91 0.94 2.34	24.13 0.97 0.00	26.98 0.84 0.00	26.74 0.68 0.00

BLACKRVR_115KV_TB2 79977	26.84 0.86 0.00	26.35 0.59 0.00	26.41 0.54 0.00	23.91 0.47 0.00	24.09 0.54 0.00	25.75 0.73 0.00	26.76 0.80 0.00	27.02 0.99 0.00	27.28 0.72 0.00	30.31 0.86 0.13	35.01 1.00 0.31	34.53 1.11 0.26	35.45 1.07 0.21	34.28 0.94 0.09	31.38 0.88 0.00	23.23 0.80 1.96	24.69 0.78 2.82	25.08 0.82 4.00	20.60 0.90 2.80	18.78 0.96 2.68	18.91 0.93 2.34	24.13 0.97 0.00	26.98 0.84 0.00	26.74 0.68 0.00
BLISS_WT_PWR 323608	26.04 -0.13 -0.19	25.50 -0.26 0.00	25.20 -0.72 -0.06	23.25 -0.70 -0.51	23.58 -0.73 -0.76	24.47 -0.55 0.00	24.74 -1.14 0.07	25.67 -0.96 -0.60	26.46 -0.88 -0.77	29.03 -1.12 -0.57	31.76 -1.30 1.26	32.51 -0.81 0.36	33.59 -1.14 -0.14	33.44 -1.10 -1.11	32.47 -0.15 -2.12	29.29 0.90 -4.00	33.07 0.69 -5.65	33.90 0.14 -5.50	29.42 0.72 -6.20	27.43 0.72 -6.21	26.58 0.94 -5.33	26.66 0.76 -2.74	27.02 0.03 -0.86	26.26 -0.10 -0.30
BLUE_CIRC_CHEM_DRP 24182	28.87 1.14 -1.75	26.95 1.19 0.00	27.62 1.22 -0.53	29.34 1.10 -4.79	31.73 1.11 -7.07	26.12 1.10 0.00	31.28 1.12 -4.21	30.17 1.12 -3.02	30.95 1.12 -3.27	31.67 1.24 -0.84	32.18 1.44 3.58	33.83 1.41 1.26	36.10 1.45 -0.06	37.79 1.37 -2.99	38.84 1.31 -7.03	36.74 1.07 -11.27	57.53 0.99 -29.82	74.81 0.96 -45.59	74.62 0.74 -51.37	72.70 0.70 -51.51	65.21 0.71 -44.18	46.67 0.79 -22.73	34.12 0.89 -7.09	29.51 0.94 -2.52
BOC_GAS_DRP 24189	28.49 0.81 -1.70	26.61 0.85 0.00	27.29 0.91 -0.52	28.91 0.80 -4.67	31.24 0.80 -6.89	25.82 0.80 0.00	30.90 0.83 -4.11	30.70 0.83 -3.83	31.95 0.85 -4.54	32.78 0.95 -2.25	32.55 1.10 2.87	34.75 1.04 -0.02	37.18 1.11 -1.48	39.02 1.07 -4.52	40.22 1.04 -8.69	40.03 0.85 -14.79	59.66 0.91 -32.02	73.61 0.93 -44.41	73.25 0.70 -50.05	71.29 0.61 -50.18	63.97 0.61 -43.04	45.94 0.65 -22.14	33.81 0.76 -6.91	29.27 0.76 -2.45
BOONVILLE_115KV_TB1 79983	26.66 0.68 0.00	26.22 0.46 0.00	26.31 0.44 0.00	23.82 0.38 0.00	23.97 0.42 0.00	25.55 0.53 0.00	26.59 0.75 0.12	26.87 0.91 0.08	27.25 0.80 0.11	30.41 0.95 0.12	35.17 1.13 0.29	34.61 1.18 0.25	35.53 1.14 0.19	34.45 1.10 0.08	31.57 1.07 0.00	25.07 1.02 0.35	27.27 1.04 0.50	28.63 1.07 0.70	22.93 0.92 0.49	20.89 0.86 0.47	20.72 0.81 0.41	23.96 0.81 0.00	26.90 0.76 0.00	26.71 0.65 0.00
BORALEX_4TH_BRANCH 23824	30.03 1.66 -2.39	27.31 1.55 0.00	28.18 1.58 -0.73	31.40 1.41 -6.55	34.60 1.39 -9.66	26.52 1.50 0.00	33.73 1.64 -6.14	51.90 1.61 -24.25	63.53 1.75 -35.21	65.16 1.92 -33.65	45.68 2.30 -9.06	62.56 2.22 -26.66	69.30 2.28 -32.43	76.23 2.17 -40.63	84.06 2.07 -51.48	128.03 1.71 -101.94	137.61 1.87 -109.01	92.69 2.06 -62.37	94.43 1.64 -70.28	92.40 1.43 -70.47	82.20 1.44 -60.44	55.82 1.58 -31.10	37.63 1.78 -9.71	31.28 1.77 -3.44
BOWLINE___1 23526	28.11 1.14 -0.98	26.74 0.98 0.00	27.13 0.96 -0.30	26.97 0.82 -2.70	28.31 0.78 -3.99	25.97 0.95 0.00	29.35 1.06 -2.33	31.65 1.07 -4.54	33.88 1.17 -6.15	36.00 1.36 -5.06	35.79 1.61 0.15	38.36 1.45 -3.23	40.67 1.52 -4.56	41.85 1.57 -6.85	41.99 1.58 -9.90	44.43 1.39 -18.65	54.96 1.87 -26.36	55.84 1.98 -25.60	52.74 1.40 -28.84	50.52 1.11 -28.92	46.18 1.06 -24.80	37.03 1.11 -12.76	31.48 1.36 -3.98	28.70 1.23 -1.41
BOWLINE___2 23595	28.16 1.20 -0.98	26.79 1.03 0.00	27.18 1.01 -0.30	26.99 0.84 -2.70	28.36 0.82 -3.99	26.02 1.00 0.00	29.38 1.09 -2.33	31.70 1.12 -4.55	33.94 1.22 -6.15	36.03 1.39 -5.06	35.82 1.65 0.15	38.39 1.48 -3.23	40.71 1.56 -4.56	41.88 1.60 -6.85	41.99 1.58 -9.90	44.45 1.41 -18.65	54.96 1.87 -26.37	55.84 1.98 -25.60	52.74 1.40 -28.85	50.53 1.11 -28.92	46.18 1.06 -24.81	37.05 1.13 -12.76	31.51 1.38 -3.98	28.75 1.28 -1.41
BRADY___115KV_TB2 356060	26.53 0.55 0.00	26.22 0.46 0.00	26.33 0.47 0.00	23.89 0.45 0.00	24.02 0.47 0.00	25.50 0.48 0.00	26.32 0.36 0.00	26.40 0.36 0.00	26.89 0.32 0.00	29.93 0.35 0.00	34.42 0.10 0.00	33.68 0.00 0.00	34.59 0.00 0.00	33.30 -0.13 0.00	30.19 -0.30 0.00	15.87 -0.90 7.62	14.77 -1.02 10.94	10.64 -1.10 16.52	10.20 -0.86 11.45	8.79 -0.76 10.95	10.03 -0.73 9.56	22.85 -0.30 0.00	26.22 0.08 0.00	26.22 0.16 0.00
BRANSCOMB___SOLAR 323811	30.74 1.90 -2.86	27.56 1.80 0.00	28.55 1.81 -0.88	32.93 1.64 -7.85	36.80 1.67 -11.58	26.72 1.70 0.00	35.07 1.84 -7.27	51.15 1.82 -23.29	61.73 1.91 -33.25	62.58 2.13 -30.87	43.53 2.44 -6.78	59.84 2.49 -23.67	66.52 2.49 -29.44	73.90 2.41 -38.06	82.19 2.17 -49.53	123.24 1.85 -97.00	139.66 2.06 -110.87	104.97 2.12 -74.59	108.35 1.80 -84.05	106.49 1.72 -84.27	94.35 1.75 -72.28	62.29 1.95 -37.19	39.86 2.12 -11.61	32.26 2.09 -4.12
BRENTWOD_69_KV_W. BRTWOOD 56703	36.83 2.21 -8.65	32.08 2.24 -4.07	28.38 2.20 -0.31	28.19 1.95 -2.81	29.57 1.91 -4.11	28.94 2.18 -1.75	30.62 2.26 -2.41	32.70 1.98 -4.69	35.01 2.13 -6.32	37.40 2.63 -5.19	41.72 3.19 -4.21	43.66 3.06 -6.91	44.39 3.15 -6.66	44.76 3.08 -8.25	46.63 2.99 -13.14	51.48 2.54 -24.55	59.17 3.21 -29.23	69.79 3.42 -38.10	75.21 2.57 -50.14	55.90 2.13 -33.27	53.18 2.01 -30.85	44.74 2.22 -19.36	43.70 2.72 -14.84	42.12 2.66 -13.40
BRISTLHL_115KV_TB1 79998	25.51 -0.47 0.00	25.22 -0.54 0.00	25.27 -0.59 0.00	22.90 -0.54 0.00	23.03 -0.52 0.00	24.55 -0.48 0.00	25.77 -0.52 -0.33	26.11 -0.44 -0.52	26.79 -0.48 -0.71	29.70 -0.50 -0.62	34.10 -0.48 -0.26	33.87 -0.37 -0.56	34.85 -0.38 -0.64	33.82 -0.37 -0.76	31.24 -0.24 -0.99	26.32 0.07 -1.86	29.33 -0.03 -2.62	30.86 -0.03 -2.63	25.44 0.07 -2.87	23.49 0.12 -2.87	22.92 0.14 -2.46	24.37 -0.05 -1.27	26.20 -0.34 -0.40	25.81 -0.39 -0.14
BROOKHAVEN___DRP 24191	36.86 2.23 -8.65	32.21 2.37 -4.07	28.51 2.33 -0.31	28.31 2.06 -2.81	29.69 2.03 -4.11	29.07 2.30 -1.75	30.70 2.34 -2.41	32.81 2.08 -4.69	35.09 2.21 -6.32	37.55 2.78 -5.19	41.86 3.33 -4.21	43.83 3.23 -6.91	44.53 3.29 -6.66	44.87 3.18 -8.26	46.66 3.02 -13.15	51.50 2.56 -24.55	59.17 3.21 -29.24	67.43 3.45 -35.72	71.03 2.57 -45.97	55.86 2.15 -33.20	52.23 2.05 -29.86	45.69 2.27 -20.27	44.30 2.85 -15.31	42.17 2.71 -13.40
BROOKLYN_NAVY_YARD 23515	28.48 1.48 -1.02	27.00 1.24 0.00	27.34 1.17 -0.31	27.21 0.98 -2.79	28.60 0.94 -4.11	26.22 1.20 0.00	29.71 1.35 -2.41	32.13 1.40 -4.69	34.45 1.54 -6.34	36.54 1.74 -5.21	36.20 2.02 0.14	38.90 1.88 -3.33	41.30 2.01 -4.70	42.56 2.07 -7.06	42.81 2.10 -10.21	45.39 1.78 -19.22	56.34 2.43 -27.18	57.23 2.57 -26.39	54.02 1.78 -29.74	51.73 1.41 -29.82	47.24 1.34 -25.58	37.68 1.37 -13.16	31.97 1.72 -4.11	29.08 1.56 -1.46
BROOKLYN___ARMY_DRP 323595	28.54 1.53 -1.02	27.26 1.49 -0.01	27.60 1.42 -0.31	27.42 1.20 -2.79	28.81 1.15 -4.11	26.40 1.38 0.00	29.79 1.43 -2.41	32.21 1.48 -4.69	34.47 1.59 -6.31	36.57 1.80 -5.19	36.34 2.16 0.14	39.02 2.02 -3.32	41.41 2.14 -4.68	42.66 2.21 -7.03	42.95 1.90 -10.16	45.43 2.67 -19.13	56.46 2.83 -27.06	57.48 2.83 -26.39	54.18 1.94 -29.74	51.88 1.56 -29.82	47.32 1.42 -25.58	37.82 1.50 -13.16	32.21 1.96 -4.11	29.29 1.77 -1.46



BROOKVLE_69_KV_TB1 55790	36.42 1.79 -8.65	31.59 1.75 -4.07	27.91 1.73 -0.31	27.75 1.50 -2.81	29.12 1.46 -4.11	28.44 1.68 -1.75	30.18 1.82 -2.41	32.47 1.74 -4.69	34.79 1.91 -6.32	36.96 2.19 -5.19	41.20 2.68 -4.21	43.15 2.56 -6.91	43.91 2.66 -6.65	44.39 2.71 -8.25	46.32 2.68 -13.14	51.21 2.27 -24.55	58.82 2.86 -29.23	57.80 3.02 -26.52	54.49 2.21 -29.79	55.49 1.82 -33.17	47.65 1.75 -25.59	44.11 1.85 -19.11	43.01 2.17 -14.70	41.50 2.03 -13.40
BROOME_2_LFGE 323671	26.60 0.26 -0.36	25.92 0.16 0.00	26.06 0.08 -0.11	24.45 0.02 -0.98	25.03 0.02 -1.45	25.12 0.10 0.00	26.62 0.03 -0.64	27.76 0.16 -1.57	28.81 0.13 -2.11	31.43 0.15 -1.70	33.97 0.24 0.59	34.82 0.37 -0.77	36.27 0.31 -1.38	36.22 0.33 -2.46	34.85 0.58 -3.78	32.36 0.85 -7.11	37.67 0.88 -10.06	38.88 0.82 -9.80	34.33 0.81 -11.02	32.31 0.76 -11.05	30.57 0.77 -9.48	28.70 0.67 -4.88	28.08 0.42 -1.52	26.94 0.34 -0.54
BROOME___LFGE 323600	26.60 0.26 -0.36	25.92 0.16 0.00	26.06 0.08 -0.11	24.45 0.02 -0.98	25.03 0.02 -1.45	25.12 0.10 0.00	26.62 0.03 -0.64	27.76 0.16 -1.57	28.81 0.13 -2.11	31.43 0.15 -1.70	33.97 0.24 0.59	34.82 0.37 -0.77	36.27 0.31 -1.38	36.22 0.33 -2.46	34.85 0.58 -3.78	32.36 0.85 -7.11	37.67 0.88 -10.06	38.88 0.82 -9.80	34.33 0.81 -11.02	32.31 0.76 -11.05	30.57 0.77 -9.48	28.70 0.67 -4.88	28.08 0.42 -1.52	26.94 0.34 -0.54
BROWNFLS_115KV_TB_3_5 80003	26.50 0.52 0.00	26.17 0.41 0.00	26.26 0.39 0.00	23.82 0.38 0.00	23.95 0.40 0.00	25.50 0.48 0.00	26.40 0.44 0.00	26.56 0.52 0.00	26.96 0.40 0.00	29.95 0.44 0.08	34.42 0.27 0.18	33.79 0.27 0.15	34.71 0.24 0.12	33.41 0.03 0.05	30.44 -0.06 0.00	19.34 -0.37 4.68	19.52 -0.48 6.72	17.64 -0.57 10.06	15.16 -0.36 6.99	13.55 -0.27 6.68	14.22 -0.26 5.83	23.13 -0.02 0.00	26.38 0.24 0.00	26.32 0.26 0.00
BROWNSV1_27_KV_LOAD 356125	28.50 1.51 -1.02	27.20 1.44 0.00	27.55 1.37 -0.31	27.42 1.20 -2.79	28.81 1.15 -4.11	26.40 1.38 0.00	29.92 1.56 -2.41	32.36 1.64 -4.69	34.66 1.78 -6.31	36.81 2.04 -5.19	36.55 2.37 0.14	39.29 2.29 -3.32	41.66 2.39 -4.68	42.90 2.44 -7.03	43.10 2.44 -10.16	45.60 2.07 -19.13	56.53 2.75 -27.05	57.57 2.91 -26.39	54.31 2.07 -29.74	51.98 1.66 -29.82	47.48 1.58 -25.58	37.96 1.64 -13.16	32.23 1.99 -4.11	29.32 1.80 -1.46
BURROWS___LYONSDAL 23803	26.66 0.68 0.00	26.22 0.46 0.00	26.31 0.44 0.00	23.82 0.38 0.00	23.97 0.42 0.00	25.57 0.55 0.00	26.58 0.73 0.10	26.85 0.89 0.07	27.21 0.74 0.10	30.32 0.86 0.12	35.04 1.00 0.28	34.48 1.04 0.24	35.44 1.04 0.19	34.32 0.97 0.08	31.41 0.91 0.00	24.32 0.85 0.92	26.28 0.88 1.33	27.21 0.88 1.93	21.94 0.79 1.35	19.97 0.76 1.29	19.90 0.71 1.12	23.89 0.74 0.00	26.85 0.71 0.00	26.66 0.60 0.00
CAITHNESS_CC_1 323624	36.94 2.31 -8.64	32.16 2.32 -4.07	28.43 2.25 -0.31	28.22 1.97 -2.81	29.59 1.93 -4.11	28.99 2.23 -1.75	30.60 2.23 -2.41	32.68 1.95 -4.69	35.01 2.10 -6.35	37.34 2.54 -5.22	41.72 3.19 -4.21	43.67 3.06 -6.93	44.42 3.15 -6.68	44.70 2.97 -8.29	46.59 2.90 -13.19	51.49 2.46 -24.64	59.19 3.10 -29.36	67.25 3.31 -35.68	70.88 2.48 -45.90	55.77 2.07 -33.20	52.13 1.97 -29.84	45.59 2.18 -20.26	44.14 2.69 -15.31	42.02 2.56 -13.40
CALPINE BETH_PAGE_GT4 24209	36.42 1.79 -8.65	31.61 1.78 -4.07	28.02 1.84 -0.31	27.87 1.62 -2.81	29.24 1.58 -4.11	28.57 1.80 -1.75	30.26 1.89 -2.41	32.47 1.74 -4.69	34.66 1.78 -6.32	36.99 2.22 -5.19	41.17 2.64 -4.21	43.08 2.49 -6.91	43.84 2.59 -6.65	44.29 2.61 -8.25	46.20 2.56 -13.14	51.11 2.17 -24.55	58.74 2.78 -29.23	58.36 2.94 -27.16	55.58 2.16 -30.91	55.46 1.78 -33.17	47.92 1.73 -25.88	44.14 1.85 -19.14	43.08 2.22 -14.72	41.57 2.11 -13.40
CALPINE_BETH_PAGE_GT_4 323586	36.58 1.95 -8.65	31.64 1.80 -4.07	28.04 1.86 -0.31	27.87 1.62 -2.81	29.24 1.58 -4.11	28.59 1.83 -1.75	30.26 1.89 -2.41	32.44 1.72 -4.69	34.69 1.78 -6.35	36.95 2.16 -5.22	41.21 2.68 -4.21	43.10 2.49 -6.93	43.86 2.60 -6.68	44.33 2.61 -8.29	46.25 2.56 -13.19	51.20 2.17 -24.64	58.87 2.78 -29.36	58.36 2.94 -27.16	55.58 2.16 -30.91	55.46 1.78 -33.17	47.90 1.71 -25.88	44.14 1.85 -19.14	43.08 2.22 -14.72	41.57 2.11 -13.40
CALPINE_BP_GT1 23823	36.58 1.95 -8.65	31.64 1.80 -4.07	28.04 1.86 -0.31	27.87 1.62 -2.81	29.24 1.58 -4.11	28.59 1.83 -1.75	30.26 1.89 -2.41	32.44 1.72 -4.69	34.69 1.78 -6.35	36.95 2.16 -5.22	41.21 2.68 -4.21	43.10 2.49 -6.93	43.86 2.60 -6.68	44.33 2.61 -8.29	46.25 2.56 -13.19	51.20 2.17 -24.64	58.87 2.78 -29.36	58.36 2.94 -27.16	55.58 2.16 -30.91	55.46 1.78 -33.17	47.90 1.71 -25.88	44.14 1.85 -19.14	43.08 2.22 -14.72	41.57 2.11 -13.40
CALSPAN___DRP 24200	25.89 -0.26 -0.17	25.27 -0.49 0.00	25.04 -0.88 -0.05	23.31 -0.61 -0.47	23.61 -0.64 -0.70	24.70 -0.33 0.00	25.01 -0.80 0.14	25.85 -0.70 -0.51	26.56 -0.66 -0.47	29.28 -0.77 -0.47	32.17 -0.82 1.33	32.68 -0.54 0.46	33.86 -0.76 -0.03	33.66 -0.77 -1.00	32.45 -0.03 -1.99	29.03 0.90 -3.74	32.74 0.72 -5.29	33.86 0.45 -5.15	29.14 0.83 -5.80	27.07 0.76 -5.82	26.24 0.93 -4.99	26.48 0.76 -2.57	27.02 0.08 -0.80	26.40 0.05 -0.28
CALVERTON___SOLAR 323806	37.14 2.52 -8.64	32.41 2.58 -4.07	28.69 2.51 -0.31	28.45 2.20 -2.81	29.83 2.17 -4.11	29.22 2.45 -1.75	30.86 2.49 -2.41	32.93 2.21 -4.69	35.25 2.34 -6.35	37.63 2.84 -5.22	42.10 3.57 -4.21	44.05 3.44 -6.93	44.76 3.49 -6.68	44.96 3.24 -8.29	46.86 3.17 -13.19	51.74 2.71 -24.64	59.49 3.39 -29.36	67.61 3.62 -35.73	71.22 2.72 -45.99	56.00 2.30 -33.20	52.36 2.18 -29.86	45.83 2.41 -20.27	44.43 2.98 -15.31	42.30 2.84 -13.40
CANDIGU_WT_PWR 323617	26.32 0.10 -0.23	25.74 -0.03 0.00	25.66 -0.28 -0.07	23.76 -0.33 -0.64	24.17 -0.33 -0.95	24.85 -0.17 0.00	25.71 -0.39 -0.15	26.68 -0.23 -0.88	27.38 -0.35 -1.16	30.07 -0.41 -0.90	32.85 -0.45 1.02	33.54 -0.13 0.00	34.79 -0.31 -0.52	34.62 -0.30 -1.50	33.31 0.24 -2.57	30.16 0.93 -4.85	34.41 0.83 -6.85	35.64 0.71 -6.67	30.96 0.94 -7.51	28.91 0.88 -7.53	27.75 0.98 -6.46	27.29 0.81 -3.32	27.44 0.26 -1.04	26.61 0.18 -0.37
CARR STREET_E_SYP 24060	25.65 -0.42 -0.08	25.30 -0.46 0.00	25.38 -0.52 -0.03	23.16 -0.52 -0.23	23.40 -0.50 -0.34	24.54 -0.48 0.00	25.28 -0.52 0.15	25.85 -0.42 -0.24	26.41 -0.45 -0.29	29.30 -0.47 -0.19	32.97 -0.45 0.91	32.97 -0.30 0.40	34.18 -0.31 0.09	33.64 -0.30 -0.51	31.45 -0.15 -1.11	26.65 0.17 -2.09	29.76 0.08 -2.95	31.21 0.06 -2.89	25.91 0.18 -3.23	24.00 0.27 -3.24	23.36 0.26 -2.78	24.70 0.12 -1.43	26.41 -0.18 -0.45	25.98 -0.24 -0.16
CARTHAGE___PAPER 23857	26.71 0.73 0.00	26.30 0.54 0.00	26.36 0.49 0.00	23.89 0.44 0.00	24.05 0.50 0.00	25.67 0.65 0.00	26.66 0.70 0.00	26.87 0.83 0.00	27.15 0.58 0.00	30.14 0.68 0.12	34.76 0.72 0.28	34.21 0.78 0.24	35.12 0.73 0.19	33.95 0.60 0.08	31.05 0.55 0.00	22.56 0.44 2.27	23.87 0.40 3.26	24.01 0.45 4.70	19.78 0.56 3.28	17.99 0.64 3.14	18.21 0.63 2.74	23.85 0.69 0.00	26.82 0.68 0.00	26.61 0.55 0.00

CASSADAGA_WT_PWR 323784	26.37 0.21 -0.18	25.86 0.10 0.00	25.54 -0.39 -0.06	23.59 -0.35 -0.50	23.87 -0.42 -0.74	24.80 -0.23 0.00	25.37 -0.49 0.09	26.40 -0.21 -0.58	27.15 -0.16 -0.74	30.04 -0.09 -0.55	33.05 0.00 1.28	33.76 0.47 0.39	34.98 0.28 -0.12	34.85 0.33 -1.09	33.59 1.00 -2.09	30.08 1.76 -3.93	33.86 1.58 -5.56	34.91 1.24 -5.41	30.13 1.53 -6.09	27.94 1.33 -6.11	27.08 1.52 -5.24	27.24 1.39 -2.70	27.64 0.65 -0.84	26.85 0.49 -0.30
CE_DUNWOOD___DRP 24194	28.24 1.25 -1.01	26.97 1.21 0.00	27.37 1.19 -0.31	27.25 1.03 -2.78	28.64 0.99 -4.10	26.17 1.15 0.00	29.66 1.30 -2.40	32.07 1.35 -4.68	34.33 1.46 -6.30	36.44 1.69 -5.18	36.17 1.99 0.14	38.88 1.89 -3.31	41.23 1.97 -4.67	42.45 2.01 -7.01	42.65 2.01 -10.14	45.22 1.73 -19.09	55.97 2.25 -26.99	57.00 2.40 -26.34	53.89 1.71 -29.68	51.63 1.37 -29.76	47.16 1.32 -25.52	37.67 1.39 -13.13	31.86 1.62 -4.10	29.03 1.51 -1.45
CE_MILLWOOD___DRP 24193	28.19 1.20 -1.01	26.92 1.16 0.00	27.32 1.14 -0.31	27.20 0.98 -2.77	28.58 0.94 -4.09	26.12 1.10 0.00	29.60 1.25 -2.39	31.97 1.28 -4.66	34.22 1.38 -6.28	36.33 1.60 -5.16	36.06 1.89 0.14	38.73 1.75 -3.30	41.07 1.83 -4.65	42.32 1.91 -6.99	42.52 1.92 -10.10	45.04 1.63 -19.02	55.76 2.14 -26.89	56.79 2.29 -26.24	53.69 1.62 -29.57	51.46 1.31 -29.64	47.00 1.26 -25.43	37.55 1.32 -13.08	31.77 1.54 -4.08	28.92 1.41 -1.45
CE_NYC2_DRP 24202	28.43 1.43 -1.02	27.16 1.39 -0.01	27.50 1.32 -0.31	27.35 1.13 -2.79	28.74 1.08 -4.11	26.35 1.33 0.00	29.79 1.43 -2.41	32.18 1.46 -4.69	34.45 1.57 -6.31	36.54 1.77 -5.19	36.30 2.13 0.14	38.98 1.99 -3.32	41.38 2.11 -4.68	42.63 2.17 -7.03	42.88 2.23 -10.16	45.38 1.85 -19.13	56.35 2.57 -27.06	57.37 2.71 -26.39	54.09 1.85 -29.74	51.80 1.48 -29.82	47.26 1.36 -25.58	37.75 1.44 -13.16	32.10 1.86 -4.11	29.21 1.69 -1.46
CE_NYC_DRP 24195	28.32 1.33 -1.02	27.02 1.26 0.00	27.37 1.19 -0.31	27.26 1.03 -2.79	28.65 0.99 -4.11	26.22 1.20 0.00	29.74 1.38 -2.41	32.15 1.43 -4.69	34.45 1.57 -6.31	36.54 1.77 -5.19	36.27 2.09 0.14	38.98 1.99 -3.32	41.38 2.11 -4.68	42.63 2.17 -7.03	42.85 2.20 -10.16	45.38 1.85 -19.13	56.26 2.49 -27.05	57.28 2.63 -26.39	54.07 1.82 -29.74	51.77 1.46 -29.82	47.28 1.38 -25.58	37.75 1.44 -13.16	32.00 1.75 -4.11	29.11 1.59 -1.46
CHAFFEE___LFGE 323603	26.08 -0.08 -0.18	25.58 -0.18 0.00	25.33 -0.59 -0.06	23.37 -0.56 -0.49	23.69 -0.59 -0.73	24.60 -0.43 0.00	25.07 -0.78 0.10	25.99 -0.60 -0.55	26.67 -0.61 -0.71	29.36 -0.74 -0.52	32.17 -0.86 1.29	32.83 -0.44 0.41	34.02 -0.66 -0.09	33.82 -0.67 -1.06	32.68 0.12 -2.05	29.28 1.02 -3.87	33.05 0.86 -5.47	34.18 0.59 -5.32	29.47 0.97 -6.00	27.37 0.86 -6.01	26.51 1.04 -5.16	26.69 0.88 -2.65	27.15 0.18 -0.83	26.49 0.13 -0.29
CHATEAUG_35_KV_LOAD 355732	26.32 0.34 0.00	26.15 0.39 0.00	26.28 0.41 0.00	23.89 0.45 0.00	23.97 0.42 0.00	25.40 0.38 0.00	26.11 0.16 0.00	26.16 0.13 0.00	26.78 0.21 0.00	29.46 -0.12 0.00	34.01 -0.31 0.00	33.17 -0.51 0.00	34.03 -0.55 0.00	32.73 -0.70 0.00	29.64 -0.85 0.00	15.18 -1.12 8.09	13.97 -1.15 11.61	9.45 -1.27 17.54	9.33 -1.01 12.16	7.97 -0.90 11.63	9.47 -0.69 10.15	22.55 -0.60 0.00	25.59 -0.55 0.00	25.59 -0.47 0.00
CHATEAUG_WT_PWR 323614	26.21 0.23 0.00	26.10 0.33 0.00	26.23 0.36 0.00	23.89 0.44 0.00	23.97 0.42 0.00	25.40 0.38 0.00	26.11 0.16 0.00	26.19 0.16 0.00	26.83 0.27 0.00	29.46 -0.12 0.00	34.01 -0.31 0.00	33.18 -0.50 0.00	34.03 -0.55 0.00	32.73 -0.70 0.00	29.61 -0.89 0.00	15.04 -1.12 8.23	13.77 -1.15 11.81	9.11 -1.30 17.85	9.09 -1.03 12.38	7.72 -0.94 11.84	9.30 -0.69 10.33	22.53 -0.62 0.00	25.57 -0.58 0.00	25.56 -0.50 0.00
CHAT_HIGH_FALL_HYD 323578	26.21 0.23 0.00	26.07 0.31 0.00	26.23 0.36 0.00	23.89 0.44 0.00	23.97 0.42 0.00	25.40 0.38 0.00	26.11 0.16 0.00	26.17 0.13 0.00	26.78 0.21 0.00	29.46 -0.12 0.00	34.01 -0.31 0.00	33.18 -0.50 0.00	34.03 -0.55 0.00	32.73 -0.70 0.00	29.64 -0.85 0.00	15.18 -1.12 8.09	13.97 -1.15 11.61	9.45 -1.27 17.54	9.33 -1.01 12.16	7.97 -0.90 11.63	9.47 -0.69 10.15	22.55 -0.60 0.00	25.59 -0.55 0.00	25.59 -0.47 0.00
CHAUTAUQUA___LFGE 323629	26.26 0.10 -0.18	25.76 0.00 0.00	25.51 -0.41 -0.05	23.54 -0.40 -0.49	23.83 -0.45 -0.73	24.75 -0.27 0.00	25.28 -0.57 0.11	26.25 -0.34 -0.55	26.96 -0.32 -0.71	29.80 -0.30 -0.52	32.72 -0.31 1.30	33.40 0.14 0.42	34.61 -0.07 -0.09	34.45 -0.03 -1.05	33.16 0.61 -2.05	29.67 1.41 -3.86	33.44 1.26 -5.46	34.59 1.02 -5.31	29.77 1.28 -5.99	27.63 1.13 -6.00	26.77 1.30 -5.15	26.96 1.16 -2.65	27.41 0.44 -0.83	26.69 0.34 -0.29
CHERRYST_13_KV_LD 356241	28.40 1.40 -1.02	27.10 1.34 0.00	27.45 1.27 -0.31	27.33 1.10 -2.79	28.72 1.06 -4.11	26.30 1.28 0.00	29.82 1.45 -2.41	32.26 1.54 -4.69	34.55 1.67 -6.31	36.69 1.92 -5.19	36.44 2.27 0.14	39.15 2.16 -3.32	41.55 2.28 -4.68	42.76 2.31 -7.03	42.98 2.32 -10.16	45.47 1.95 -19.13	56.40 2.62 -27.05	57.43 2.77 -26.39	54.18 1.94 -29.74	51.86 1.54 -29.82	47.36 1.46 -25.58	37.82 1.50 -13.16	32.08 1.83 -4.11	29.21 1.69 -1.46
CHESTROR_138KV_BK263 355645	27.91 0.99 -0.94	26.71 0.95 0.00	27.11 0.96 -0.29	26.85 0.82 -2.59	28.16 0.80 -3.81	25.92 0.90 0.00	29.22 1.04 -2.23	31.42 1.04 -4.34	33.56 1.14 -5.85	35.69 1.30 -4.81	35.68 1.51 0.15	38.16 1.41 -3.07	40.37 1.45 -4.33	41.42 1.47 -6.52	41.42 1.49 -9.43	43.46 1.32 -17.75	53.56 1.74 -25.10	54.59 1.84 -24.49	51.43 1.33 -27.60	49.23 1.07 -27.67	45.09 1.04 -23.73	36.45 1.09 -12.21	31.23 1.28 -3.81	28.56 1.15 -1.35
CH_MIDHUDSON___DRP 24192	28.30 1.27 -1.04	27.02 1.26 0.00	27.45 1.27 -0.32	27.41 1.10 -2.86	28.85 1.08 -4.22	26.22 1.20 0.00	29.78 1.35 -2.48	32.30 1.43 -4.83	34.60 1.51 -6.52	36.65 1.72 -5.36	36.17 1.99 0.14	38.99 1.89 -3.43	41.39 1.97 -4.83	42.66 1.97 -7.25	42.90 1.92 -10.48	45.79 1.66 -19.75	56.74 2.08 -27.93	57.72 2.20 -27.26	54.84 1.62 -30.71	52.61 1.31 -30.79	48.01 1.28 -26.41	38.09 1.34 -13.59	31.95 1.57 -4.24	29.02 1.46 -1.50
CH_MISC_IPPS 23765	28.56 1.56 -1.02	27.20 1.44 0.00	27.58 1.40 -0.31	27.47 1.22 -2.81	28.85 1.15 -4.15	26.35 1.33 0.00	29.86 1.48 -2.43	32.38 1.61 -4.73	34.69 1.73 -6.40	36.79 1.95 -5.26	36.41 2.23 0.14	39.17 2.12 -3.36	41.51 2.18 -4.74	42.72 2.17 -7.12	42.87 2.07 -10.30	45.61 1.83 -19.39	56.44 2.30 -27.41	57.56 2.43 -26.87	54.58 1.80 -30.28	52.34 1.48 -30.36	47.80 1.44 -26.04	38.10 1.55 -13.40	32.07 1.75 -4.18	29.16 1.62 -1.48
CH_RES_BVR_FALLS 23983	25.62 -0.36 0.00	25.40 -0.36 0.00	25.51 -0.36 0.00	23.16 -0.28 0.00	23.27 -0.28 0.00	24.69 -0.33 0.00	25.57 -0.39 0.00	25.59 -0.44 0.00	26.14 -0.43 0.00	29.11 -0.47 0.00	33.67 -0.65 0.00	33.01 -0.67 0.00	33.90 -0.69 0.00	32.69 -0.74 0.00	29.74 -0.76 0.00	11.34 -0.80 12.24	8.27 -0.88 17.58	0.73 -0.93 26.60	3.27 -0.79 18.44	2.11 -0.76 17.63	4.11 -0.81 15.39	22.34 -0.81 0.00	25.33 -0.81 0.00	25.28 -0.78 0.00

CH_RES_NIAGARA 23895	25.38 -0.75 -0.16	24.76 -1.01 0.00	24.73 -1.19 -0.05	22.75 -1.12 -0.43	23.03 -1.15 -0.64	23.77 -1.25 0.00	24.40 -1.35 0.21	25.16 -1.30 -0.42	25.71 -1.38 -0.53	28.32 -1.63 -0.36	31.03 -1.89 1.40	31.55 -1.55 0.58	32.70 -1.80 0.09	32.43 -1.87 -0.88	31.00 -1.34 -1.84	27.65 -0.20 -3.46	31.14 -0.48 -4.89	32.49 -0.54 -4.76	27.76 -0.11 -5.37	25.80 -0.08 -5.38	25.03 0.10 -4.61	25.34 -0.19 -2.37	26.02 -0.86 -0.74	25.57 -0.76 -0.26
CH_RES_SYRACUSE 23985	25.97 -0.10 -0.10	25.58 -0.18 0.00	25.66 -0.23 -0.03	23.41 -0.31 -0.27	23.69 -0.26 -0.39	24.82 -0.20 0.00	25.81 -0.21 -0.07	26.35 -0.10 -0.42	26.99 -0.13 -0.55	29.89 -0.12 -0.43	33.79 -0.03 0.49	33.78 0.10 0.00	34.90 0.07 -0.25	34.25 0.10 -0.72	31.95 0.21 -1.24	27.18 0.46 -2.33	30.42 0.40 -3.29	31.91 0.40 -3.25	26.52 0.41 -3.61	24.55 0.43 -3.62	23.85 0.43 -3.11	25.03 0.28 -1.60	26.61 -0.03 -0.50	26.16 -0.08 -0.18
CLINTON_WT_PWR 323605	26.21 0.23 0.00	26.10 0.33 0.00	26.23 0.36 0.00	23.89 0.44 0.00	23.97 0.42 0.00	25.40 0.38 0.00	26.11 0.16 0.00	26.19 0.16 0.00	26.83 0.27 0.00	29.46 -0.12 0.00	34.01 -0.31 0.00	33.18 -0.50 0.00	34.03 -0.55 0.00	32.73 -0.70 0.00	29.61 -0.89 0.00	15.04 -1.12 8.23	13.77 -1.15 11.81	9.11 -1.30 17.85	9.09 -1.03 12.38	7.72 -0.94 11.84	9.30 -0.69 10.33	22.53 -0.62 0.00	25.57 -0.58 0.00	25.56 -0.50 0.00
CLINTON___LFGE 323618	26.53 0.55 0.00	26.35 0.59 0.00	26.49 0.62 0.00	24.12 0.68 0.00	24.23 0.68 0.00	25.65 0.63 0.00	26.34 0.39 0.00	26.43 0.39 0.00	27.10 0.53 0.00	29.67 0.09 0.00	34.29 -0.03 0.00	33.41 -0.27 0.00	34.28 -0.31 0.00	32.96 -0.47 0.00	29.86 -0.64 0.00	15.27 -0.93 8.19	14.03 -0.94 11.76	9.47 -1.02 17.77	9.37 -0.81 12.32	7.98 -0.74 11.78	9.63 -0.41 10.28	22.83 -0.32 0.00	25.85 -0.29 0.00	25.83 -0.24 0.00
COBBLENY_34_KV_TB1 80064	25.95 -0.21 -0.18	25.32 -0.44 0.00	25.10 -0.83 -0.06	23.37 -0.56 -0.49	23.69 -0.59 -0.73	24.75 -0.28 0.00	25.07 -0.78 0.10	25.94 -0.65 -0.56	26.67 -0.61 -0.71	29.39 -0.71 -0.52	32.27 -0.76 1.29	32.83 -0.44 0.41	34.02 -0.66 -0.09	33.82 -0.67 -1.06	32.64 0.09 -2.05	29.28 1.02 -3.87	33.05 0.86 -5.47	34.18 0.59 -5.32	29.47 0.97 -6.00	27.37 0.86 -6.01	26.51 1.04 -5.16	26.69 0.88 -2.65	27.15 0.18 -0.83	26.48 0.13 -0.29
COFFEEN___115KV_TB3 355620	27.05 1.07 0.00	26.51 0.75 0.00	26.57 0.70 0.00	24.03 0.59 0.00	24.23 0.68 0.00	25.92 0.90 0.00	26.94 0.99 0.00	27.23 1.20 0.00	27.47 0.90 0.00	30.52 1.06 0.13	35.28 1.27 0.31	34.80 1.38 0.26	35.73 1.35 0.21	34.54 1.20 0.09	31.63 1.13 0.00	23.51 1.02 1.91	25.01 1.02 2.74	25.46 1.07 3.87	20.93 1.15 2.72	19.09 1.19 2.60	19.23 1.18 2.27	24.36 1.20 0.00	27.19 1.05 0.00	26.92 0.86 0.00
COLDSPRG_115KV_BK1 355956	26.28 0.10 -0.19	25.63 -0.13 0.00	25.41 -0.52 -0.06	23.69 -0.28 -0.53	24.02 -0.31 -0.78	25.07 0.05 0.00	25.26 -0.65 0.05	26.27 -0.39 -0.63	27.03 -0.35 -0.81	29.86 -0.33 -0.61	32.81 -0.27 1.23	33.42 0.07 0.32	34.60 -0.17 -0.18	34.52 -0.07 -1.15	33.58 0.91 -2.17	30.16 1.68 -4.08	34.03 1.52 -5.77	34.90 1.02 -5.62	30.28 1.44 -6.34	28.10 1.25 -6.35	27.21 1.44 -5.45	27.30 1.34 -2.80	27.67 0.65 -0.88	26.87 0.50 -0.31
COLONIE_LFGE___ 323577	30.01 1.40 -2.63	27.13 1.36 0.00	28.04 1.37 -0.80	31.87 1.22 -7.21	35.41 1.22 -10.63	26.30 1.28 0.00	34.20 1.40 -6.84	56.71 1.38 -29.30	70.64 1.49 -42.59	72.31 1.66 -41.07	47.94 1.96 -11.67	68.44 1.92 -32.84	76.26 1.97 -39.70	84.60 1.90 -49.27	94.20 1.80 -61.90	148.90 1.51 -123.00	157.07 1.66 -128.68	98.48 1.67 -68.55	101.07 1.33 -77.24	99.16 1.21 -77.45	87.94 1.20 -66.43	58.65 1.32 -34.18	38.27 1.46 -10.67	31.33 1.48 -3.78
COOPERNY_115KV_TB1 80082	27.46 0.70 -0.77	26.43 0.67 0.00	26.78 0.67 -0.24	26.15 0.59 -2.12	27.25 0.57 -3.13	25.65 0.63 0.00	28.50 0.73 -1.82	30.32 0.73 -3.56	32.16 0.80 -4.80	34.44 0.92 -3.94	35.23 1.06 0.16	37.18 1.01 -2.49	39.17 1.04 -3.54	39.85 1.07 -5.35	39.38 1.13 -7.76	40.05 1.05 -14.61	48.69 1.31 -20.65	49.83 1.41 -20.16	46.25 1.04 -22.71	44.11 0.84 -22.77	40.66 0.81 -19.53	34.04 0.83 -10.05	30.22 0.94 -3.14	28.03 0.86 -1.11
COPENHAGEN_WT_PWR 323753	26.71 0.73 0.00	26.28 0.52 0.00	26.31 0.44 0.00	23.82 0.37 0.00	24.00 0.45 0.00	25.62 0.60 0.00	26.63 0.67 0.00	26.87 0.83 0.00	27.15 0.58 0.00	30.16 0.71 0.13	34.86 0.86 0.32	34.35 0.94 0.27	35.31 0.93 0.21	34.18 0.84 0.09	31.29 0.79 0.00	23.31 0.73 1.81	24.82 0.69 2.60	25.34 0.73 3.65	20.75 0.81 2.56	18.91 0.86 2.45	19.03 0.85 2.14	24.01 0.86 0.00	26.85 0.71 0.00	26.63 0.57 0.00
CORNELL___ 23752	26.72 0.49 -0.24	26.12 0.36 0.00	26.23 0.28 -0.07	24.35 0.23 -0.67	24.82 0.28 -0.99	25.47 0.45 0.00	26.77 0.47 -0.35	27.67 0.60 -1.04	28.46 0.50 -1.39	31.22 0.53 -1.11	34.36 0.69 0.64	34.81 0.77 -0.35	36.17 0.76 -0.82	35.87 0.77 -1.67	34.08 0.91 -2.67	30.56 1.15 -5.02	35.00 1.18 -7.10	36.47 1.27 -6.94	31.48 1.19 -7.79	29.48 1.17 -7.81	28.17 1.16 -6.70	27.66 1.07 -3.45	27.97 0.76 -1.08	27.07 0.63 -0.38
CORONA_AAV_69_KV_TB1 355595	36.47 1.84 -8.65	31.61 1.78 -4.07	27.91 1.73 -0.31	27.77 1.52 -2.81	29.14 1.48 -4.11	28.44 1.68 -1.75	30.16 1.79 -2.41	32.39 1.67 -4.69	34.69 1.81 -6.32	36.99 2.22 -5.19	41.07 2.54 -4.21	43.02 2.42 -6.91	43.80 2.56 -6.65	44.26 2.57 -8.25	46.20 2.56 -13.14	51.11 2.17 -24.55	58.68 2.73 -29.23	57.66 2.88 -26.52	54.40 2.12 -29.79	55.41 1.74 -33.17	47.61 1.71 -25.59	44.06 1.81 -19.10	43.03 2.20 -14.70	41.52 2.06 -13.40
CORTLAND_115KV_TB3 80093	26.43 0.26 -0.19	25.89 0.13 0.00	26.00 0.08 -0.06	24.03 0.07 -0.52	24.41 0.09 -0.76	25.22 0.20 0.00	26.38 0.21 -0.22	27.16 0.34 -0.78	27.87 0.27 -1.04	30.70 0.30 -0.82	34.14 0.45 0.63	34.39 0.54 -0.18	35.67 0.52 -0.56	35.25 0.53 -1.28	33.27 0.67 -2.10	29.22 0.88 -3.96	33.21 0.88 -5.59	34.64 0.90 -5.47	29.50 0.86 -6.14	27.50 0.84 -6.16	26.43 0.83 -5.28	26.59 0.72 -2.72	27.46 0.47 -0.85	26.73 0.36 -0.30
COXSACKIE___GT 23611	29.90 2.26 -1.66	28.18 2.42 0.00	28.62 2.25 -0.51	30.01 2.02 -4.55	32.24 1.98 -6.71	27.27 2.25 0.00	32.36 2.41 -3.99	31.58 2.79 -2.76	32.37 2.90 -2.91	33.28 3.11 -0.60	34.17 3.33 3.48	35.64 3.34 1.37	37.80 3.35 0.15	38.98 2.94 -2.61	39.52 2.62 -6.40	36.46 1.93 -10.14	56.71 2.16 -27.81	73.47 1.92 -43.29	72.90 1.62 -48.78	70.90 1.50 -48.91	63.77 1.50 -41.95	46.47 1.74 -21.58	34.66 1.78 -6.74	30.20 1.75 -2.39
CPV_VALLEY___CC1 323721	27.75 0.88 -0.88	26.53 0.77 0.00	26.89 0.75 -0.27	26.49 0.63 -2.42	27.73 0.61 -3.57	25.75 0.73 0.00	28.84 0.81 -2.08	30.93 0.83 -4.06	32.97 0.90 -5.50	35.13 1.03 -4.52	35.40 1.23 0.15	37.70 1.15 -2.87	39.83 1.18 -4.07	40.76 1.20 -6.13	40.62 1.25 -8.87	42.21 1.12 -16.70	51.81 1.47 -23.61	52.76 1.58 -22.92	49.45 1.12 -25.82	47.29 0.90 -25.89	43.38 0.85 -22.21	35.46 0.88 -11.43	30.75 1.05 -3.57	28.26 0.94 -1.26

CPV_VALLEY___CC2 323722	27.75 0.88 -0.88	26.53 0.77 0.00	26.89 0.75 -0.27	26.49 0.63 -2.42	27.73 0.61 -3.57	25.75 0.73 0.00	28.84 0.81 -2.08	30.93 0.83 -4.06	32.97 0.90 -5.50	35.13 1.03 -4.52	35.40 1.23 0.15	37.70 1.15 -2.87	39.83 1.18 -4.07	40.76 1.20 -6.13	40.62 1.25 -8.87	42.21 1.12 -16.70	51.81 1.47 -23.61	52.76 1.58 -22.92	49.45 1.12 -25.82	47.29 0.90 -25.89	43.38 0.85 -22.21	35.46 0.88 -11.43	30.75 1.05 -3.57	28.26 0.94 -1.26
CRESCENT___HYD 24018	30.01 1.40 -2.63	27.13 1.36 0.00	28.04 1.37 -0.80	31.87 1.22 -7.21	35.41 1.22 -10.63	26.30 1.28 0.00	34.20 1.40 -6.84	56.71 1.38 -29.30	70.64 1.49 -42.59	72.31 1.66 -41.07	47.94 1.96 -11.67	68.44 1.92 -32.84	76.26 1.97 -39.70	84.60 1.90 -49.27	94.20 1.80 -61.90	148.90 1.51 -123.00	157.07 1.66 -128.68	98.48 1.67 -68.55	101.07 1.33 -77.24	99.16 1.21 -77.45	87.94 1.20 -66.43	58.65 1.32 -34.18	38.27 1.46 -10.67	31.33 1.48 -3.78
CRICKET___VALLEY_CC1 323756	28.22 1.14 -1.10	26.84 1.08 0.00	27.32 1.11 -0.34	27.41 0.96 -3.01	28.93 0.94 -4.44	26.10 1.08 0.00	29.71 1.14 -2.61	32.17 1.07 -5.07	34.57 1.14 -6.86	36.58 1.30 -5.70	35.87 1.55 0.00	38.86 1.45 -3.74	41.29 1.52 -5.19	42.61 1.51 -7.67	43.05 1.52 -11.03	46.45 1.29 -20.77	57.69 1.60 -29.36	58.42 1.75 -28.40	55.79 1.28 -32.00	53.61 1.02 -32.09	48.84 1.00 -27.52	38.36 1.04 -14.16	31.82 1.25 -4.42	28.80 1.17 -1.57
CRICKET___VALLEY_CC2 323757	28.22 1.14 -1.10	26.84 1.08 0.00	27.32 1.11 -0.34	27.41 0.96 -3.01	28.93 0.94 -4.44	26.10 1.08 0.00	29.71 1.14 -2.61	32.17 1.07 -5.07	34.57 1.14 -6.86	36.58 1.30 -5.70	35.87 1.55 0.00	38.86 1.45 -3.74	41.29 1.52 -5.19	42.61 1.51 -7.67	43.05 1.52 -11.03	46.45 1.29 -20.77	57.69 1.60 -29.36	58.42 1.75 -28.40	55.79 1.28 -32.00	53.61 1.02 -32.09	48.84 1.00 -27.52	38.36 1.04 -14.16	31.82 1.25 -4.42	28.80 1.17 -1.57
CRICKET___VALLEY_CC3 323758	28.22 1.14 -1.10	26.84 1.08 0.00	27.32 1.11 -0.34	27.41 0.96 -3.01	28.93 0.94 -4.44	26.10 1.08 0.00	29.71 1.14 -2.61	32.17 1.07 -5.07	34.57 1.14 -6.86	36.58 1.30 -5.70	35.87 1.55 0.00	38.86 1.45 -3.74	41.29 1.52 -5.19	42.61 1.51 -7.67	43.05 1.52 -11.03	46.45 1.29 -20.77	57.69 1.60 -29.36	58.42 1.75 -28.40	55.79 1.28 -32.00	53.61 1.02 -32.09	48.84 1.00 -27.52	38.36 1.04 -14.16	31.82 1.25 -4.42	28.80 1.17 -1.57
CRUCIBLE_METL_DRP 24180	25.95 -0.13 -0.10	25.53 -0.23 0.00	25.61 -0.28 -0.03	23.41 -0.30 -0.27	23.69 -0.26 -0.39	24.85 -0.18 0.00	25.81 -0.21 -0.07	26.35 -0.10 -0.42	26.99 -0.13 -0.55	29.89 -0.12 -0.43	33.83 0.00 0.49	33.78 0.10 0.00	34.90 0.07 -0.25	34.25 0.10 -0.72	31.95 0.21 -1.24	27.18 0.46 -2.33	30.42 0.40 -3.29	31.91 0.40 -3.25	26.52 0.41 -3.61	24.55 0.43 -3.62	23.85 0.43 -3.11	25.03 0.28 -1.60	26.61 -0.03 -0.50	26.16 -0.08 -0.18
DAHOWA___HYDRO 323763	30.95 2.08 -2.89	27.72 1.96 0.00	28.72 1.97 -0.89	33.16 1.78 -7.94	37.07 1.81 -11.71	26.87 1.85 0.00	35.28 2.00 -7.33	50.32 1.98 -22.31	60.39 2.10 -31.73	61.12 2.34 -29.21	42.96 2.64 -5.99	58.59 2.73 -22.19	65.10 2.73 -27.78	72.30 2.64 -36.23	80.34 2.35 -47.50	119.14 2.00 -92.75	136.87 2.25 -107.90	105.96 2.26 -75.43	109.46 1.96 -85.00	107.63 1.91 -85.22	95.33 1.91 -73.10	62.91 2.15 -37.61	40.21 2.33 -11.74	32.52 2.29 -4.16
DANC___LFGE 323619	26.24 0.26 0.00	25.86 0.10 0.00	25.92 0.05 0.00	23.44 0.00 0.00	23.60 0.05 0.00	25.17 0.15 0.00	26.14 0.18 0.00	26.35 0.31 0.00	26.70 0.13 0.00	29.70 0.27 0.15	34.31 0.34 0.35	33.85 0.47 0.30	34.77 0.42 0.24	33.70 0.37 0.10	30.89 0.40 0.00	23.57 0.46 1.28	25.29 0.40 1.84	26.19 0.37 2.44	21.25 0.47 1.73	19.38 0.53 1.65	19.40 0.53 1.44	23.64 0.49 0.00	26.43 0.29 0.00	26.22 0.16 0.00
DANSKAMMER___1 23586	28.56 1.56 -1.02	27.20 1.44 0.00	27.58 1.40 -0.31	27.47 1.22 -2.81	28.85 1.15 -4.15	26.35 1.33 0.00	29.86 1.48 -2.43	32.38 1.61 -4.73	34.69 1.73 -6.40	36.79 1.95 -5.26	36.41 2.23 0.14	39.17 2.12 -3.36	41.51 2.18 -4.74	42.72 2.17 -7.12	42.87 2.07 -10.30	45.61 1.83 -19.39	56.44 2.30 -27.41	57.56 2.43 -26.87	54.58 1.80 -30.28	52.34 1.48 -30.36	47.80 1.44 -26.04	38.10 1.55 -13.40	32.07 1.75 -4.18	29.16 1.62 -1.48
DANSKAMMER___2 23589	28.56 1.56 -1.02	27.20 1.44 0.00	27.58 1.40 -0.31	27.47 1.22 -2.81	28.85 1.15 -4.15	26.35 1.33 0.00	29.86 1.48 -2.43	32.38 1.61 -4.73	34.69 1.73 -6.40	36.79 1.95 -5.26	36.41 2.23 0.14	39.17 2.12 -3.36	41.51 2.18 -4.74	42.72 2.17 -7.12	42.87 2.07 -10.30	45.61 1.83 -19.39	56.44 2.30 -27.41	57.56 2.43 -26.87	54.58 1.80 -30.28	52.34 1.48 -30.36	47.80 1.44 -26.04	38.10 1.55 -13.40	32.07 1.75 -4.18	29.16 1.62 -1.48
DANSKAMMER___3 23590	28.56 1.56 -1.02	27.20 1.44 0.00	27.58 1.40 -0.31	27.47 1.22 -2.81	28.85 1.15 -4.15	26.35 1.33 0.00	29.86 1.48 -2.43	32.38 1.61 -4.73	34.69 1.73 -6.40	36.79 1.95 -5.26	36.41 2.23 0.14	39.17 2.12 -3.36	41.51 2.18 -4.74	42.72 2.17 -7.12	42.87 2.07 -10.30	45.61 1.83 -19.39	56.44 2.30 -27.41	57.56 2.43 -26.87	54.58 1.80 -30.28	52.34 1.48 -30.36	47.80 1.44 -26.04	38.10 1.55 -13.40	32.07 1.75 -4.18	29.16 1.62 -1.48
DANSKAMMER___4 23591	28.56 1.56 -1.02	27.20 1.44 0.00	27.58 1.40 -0.31	27.47 1.22 -2.81	28.85 1.15 -4.15	26.35 1.33 0.00	29.86 1.48 -2.43	32.38 1.61 -4.73	34.69 1.73 -6.40	36.79 1.95 -5.26	36.41 2.23 0.14	39.17 2.12 -3.36	41.51 2.18 -4.74	42.72 2.17 -7.12	42.87 2.07 -10.30	45.61 1.83 -19.39	56.44 2.30 -27.41	57.56 2.43 -26.87	54.58 1.80 -30.28	52.34 1.48 -30.36	47.80 1.44 -26.04	38.10 1.55 -13.40	32.07 1.75 -4.18	29.16 1.62 -1.48
DANSKAMMER___DIESEL 23592	28.43 1.43 -1.02	27.18 1.42 0.00	27.55 1.37 -0.31	27.47 1.22 -2.81	28.85 1.15 -4.15	26.32 1.30 0.00	29.86 1.48 -2.43	32.42 1.61 -4.77	34.72 1.73 -6.43	36.81 1.95 -5.28	36.41 2.23 0.14	39.18 2.12 -3.38	41.53 2.18 -4.76	42.75 2.17 -7.15	42.94 2.10 -10.34	45.69 1.83 -19.47	56.56 2.30 -27.53	57.56 2.43 -26.87	54.58 1.80 -30.28	52.33 1.48 -30.36	47.80 1.44 -26.04	38.10 1.55 -13.40	32.07 1.75 -4.18	29.16 1.62 -1.48
DARBY___SOLAR 323810	30.79 1.95 -2.86	27.59 1.83 0.00	28.58 1.84 -0.88	32.96 1.66 -7.85	36.83 1.70 -11.58	26.75 1.73 0.00	35.10 1.87 -7.27	51.13 1.85 -23.24	61.71 1.97 -33.18	62.58 2.22 -30.78	43.56 2.50 -6.74	59.84 2.56 -23.60	66.51 2.56 -29.36	73.91 2.51 -37.97	82.18 2.26 -49.43	123.10 1.93 -96.79	139.60 2.14 -110.73	105.04 2.15 -74.63	108.44 1.85 -84.10	106.58 1.76 -84.32	94.41 1.77 -72.32	62.35 1.99 -37.21	39.90 2.14 -11.61	32.29 2.11 -4.12
DASHVILLE___HYD 23610	27.85 0.70 -1.17	26.61 0.85 0.00	26.90 0.67 -0.36	27.21 0.56 -3.21	28.80 0.52 -4.73	25.80 0.78 0.00	29.58 0.86 -2.77	31.51 1.35 -4.12	33.33 1.43 -5.33	35.14 1.60 -3.97	35.26 1.85 0.92	37.53 1.72 -2.13	39.82 1.80 -3.43	41.05 1.81 -5.82	41.33 1.77 -9.06	42.08 1.12 -16.56	55.88 2.14 -27.01	60.64 1.81 -30.57	58.23 1.28 -34.45	56.04 1.00 -34.54	50.90 0.95 -29.62	39.37 0.97 -15.24	32.07 1.18 -4.76	28.76 1.02 -1.69

DEERFIELD_69_KV_DEERFIELD LD 355887	37.80 3.17 -8.65	33.18 3.35 -4.07	29.46 3.29 -0.31	29.20 2.95 -2.81	30.56 2.90 -4.11	30.00 3.23 -1.75	31.64 3.27 -2.41	33.80 3.07 -4.69	36.18 3.29 -6.32	38.85 4.08 -5.19	43.44 4.91 -4.21	45.44 4.85 -6.91	46.16 4.91 -6.66	46.44 4.75 -8.26	48.10 4.45 -13.15	52.67 3.73 -24.55	60.54 4.57 -29.24	68.85 4.83 -35.75	72.23 3.69 -46.03	56.86 3.16 -33.20	53.14 2.95 -29.88	46.69 3.26 -20.27	45.40 3.95 -15.31	43.19 3.73 -13.40
DELAWARE___LFGE 323621	27.55 0.83 -0.73	26.53 0.77 0.00	26.92 0.83 -0.22	26.21 0.75 -2.02	27.28 0.75 -2.97	25.80 0.78 0.00	28.47 0.86 -1.66	30.37 0.96 -3.37	32.05 0.93 -4.56	34.38 1.06 -3.73	35.29 1.30 0.34	37.24 1.31 -2.25	39.17 1.28 -3.30	39.85 1.30 -5.12	39.34 1.34 -7.50	39.77 1.27 -14.12	48.10 1.42 -19.95	49.08 1.47 -19.35	45.47 1.17 -21.80	43.40 1.05 -21.85	40.08 1.02 -18.75	33.82 1.02 -9.64	30.17 1.02 -3.01	28.04 0.91 -1.07
DERFIELD_115KV_TB7 355931	26.03 0.05 0.00	25.79 0.03 0.00	25.89 0.03 0.00	23.47 0.02 0.00	23.57 0.02 0.00	25.05 0.03 0.00	26.04 0.16 0.07	26.17 0.18 0.05	26.69 0.19 0.07	29.72 0.21 0.07	34.41 0.24 0.16	33.78 0.24 0.13	34.72 0.24 0.11	33.62 0.23 0.04	30.77 0.27 0.00	25.16 0.27 -0.50	27.75 0.29 -0.72	29.68 0.31 -1.11	23.49 0.23 -0.77	21.42 0.18 -0.73	21.14 0.18 -0.64	23.32 0.16 0.00	26.30 0.16 0.00	26.19 0.13 0.00
DOGLEVILLE___HYD 23807	26.08 0.10 0.00	25.66 -0.10 0.00	25.76 -0.10 0.00	23.33 -0.12 0.00	23.43 -0.12 0.00	24.90 -0.12 0.00	26.04 0.16 0.07	26.20 0.21 0.05	26.63 0.13 0.07	29.72 0.21 0.07	34.44 0.27 0.16	33.81 0.27 0.13	34.73 0.24 0.11	33.59 0.20 0.04	30.68 0.18 0.00	25.09 0.19 -0.50	27.66 0.21 -0.72	29.57 0.20 -1.11	23.38 0.11 -0.77	21.25 0.02 -0.73	20.92 -0.04 -0.64	23.08 -0.07 0.00	25.98 -0.16 0.00	25.88 -0.18 0.00
DUNKIRK___115KV_TB_200 55889	26.08 -0.08 -0.18	25.50 -0.26 0.00	25.25 -0.67 -0.05	23.51 -0.42 -0.49	23.80 -0.47 -0.72	24.90 -0.13 0.00	25.28 -0.57 0.11	26.20 -0.39 -0.55	26.93 -0.35 -0.71	29.74 -0.35 -0.51	32.75 -0.27 1.30	33.33 0.07 0.42	34.53 -0.14 -0.08	34.35 -0.13 -1.05	33.06 0.52 -2.05	29.58 1.34 -3.85	33.38 1.20 -5.44	34.50 0.93 -5.30	29.69 1.22 -5.98	27.56 1.07 -5.99	26.72 1.26 -5.14	26.89 1.09 -2.64	27.38 0.42 -0.83	26.67 0.31 -0.29
DUNKIRK___1 23563	26.08 -0.08 -0.18	25.50 -0.26 0.00	25.25 -0.67 -0.05	23.51 -0.42 -0.49	23.80 -0.47 -0.72	24.90 -0.13 0.00	25.28 -0.57 0.11	26.20 -0.39 -0.55	26.93 -0.35 -0.71	29.74 -0.35 -0.51	32.75 -0.27 1.30	33.33 0.07 0.42	34.53 -0.14 -0.08	34.35 -0.13 -1.05	33.06 0.52 -2.05	29.58 1.34 -3.85	33.38 1.20 -5.44	34.50 0.93 -5.30	29.69 1.22 -5.98	27.56 1.07 -5.99	26.72 1.26 -5.14	26.89 1.09 -2.64	27.38 0.42 -0.83	26.67 0.31 -0.29
DUNKIRK___2 23564	26.08 -0.08 -0.18	25.50 -0.26 0.00	25.25 -0.67 -0.05	23.51 -0.42 -0.49	23.80 -0.47 -0.72	24.90 -0.13 0.00	25.28 -0.57 0.11	26.20 -0.39 -0.55	26.93 -0.35 -0.71	29.74 -0.35 -0.51	32.75 -0.27 1.30	33.33 0.07 0.42	34.53 -0.14 -0.08	34.35 -0.13 -1.05	33.06 0.52 -2.05	29.58 1.34 -3.85	33.38 1.20 -5.44	34.50 0.93 -5.30	29.69 1.22 -5.98	27.56 1.07 -5.99	26.72 1.26 -5.14	26.89 1.09 -2.64	27.38 0.42 -0.83	26.67 0.31 -0.29
DUNKIRK___3 23565	25.98 -0.18 -0.18	25.37 -0.39 0.00	25.15 -0.78 -0.05	23.42 -0.52 -0.49	23.73 -0.54 -0.72	24.77 -0.25 0.00	25.14 -0.70 0.11	26.01 -0.57 -0.55	26.74 -0.53 -0.70	29.53 -0.56 -0.51	32.44 -0.58 1.30	33.02 -0.24 0.42	34.18 -0.48 -0.08	34.04 -0.43 -1.04	32.78 0.24 -2.04	29.35 1.12 -3.84	33.12 0.96 -5.43	34.25 0.71 -5.29	29.47 1.01 -5.96	27.37 0.90 -5.97	26.52 1.08 -5.12	26.69 0.90 -2.64	27.20 0.24 -0.82	26.51 0.16 -0.29
DUNKIRK___4 23566	25.98 -0.18 -0.18	25.37 -0.39 0.00	25.15 -0.78 -0.05	23.42 -0.52 -0.49	23.73 -0.54 -0.72	24.77 -0.25 0.00	25.14 -0.70 0.11	26.01 -0.57 -0.55	26.74 -0.53 -0.70	29.53 -0.56 -0.51	32.44 -0.58 1.30	33.02 -0.24 0.42	34.18 -0.48 -0.08	34.04 -0.43 -1.04	32.78 0.24 -2.04	29.35 1.12 -3.84	33.12 0.96 -5.43	34.25 0.71 -5.29	29.47 1.01 -5.96	27.37 0.90 -5.97	26.52 1.08 -5.12	26.69 0.90 -2.64	27.20 0.24 -0.82	26.51 0.16 -0.29
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	28.30 1.30 -1.02	27.02 1.26 0.00	27.39 1.22 -0.31	27.28 1.05 -2.79	28.70 1.04 -4.11	26.22 1.20 0.00	29.74 1.38 -2.41	32.13 1.41 -4.69	34.42 1.54 -6.31	36.51 1.75 -5.19	36.27 2.09 0.14	38.98 1.99 -3.32	41.34 2.08 -4.68	42.56 2.11 -7.03	42.79 2.13 -10.16	45.33 1.80 -19.14	56.13 2.35 -27.05	57.17 2.52 -26.40	54.05 1.80 -29.74	51.76 1.43 -29.82	47.28 1.38 -25.58	37.75 1.44 -13.16	31.95 1.70 -4.11	29.08 1.56 -1.46
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	28.12 1.14 -1.00	26.87 1.11 0.00	27.26 1.09 -0.30	27.13 0.96 -2.73	28.50 0.92 -4.03	26.07 1.05 0.00	29.51 1.19 -2.36	32.08 1.38 -4.67	34.35 1.49 -6.29	36.44 1.69 -5.17	36.10 1.92 0.15	38.80 1.82 -3.31	41.12 1.87 -4.66	42.31 1.87 -7.00	42.45 1.83 -10.13	45.07 1.61 -19.07	55.78 2.08 -26.96	56.79 2.20 -26.32	53.78 1.62 -29.66	51.55 1.31 -29.74	47.11 1.28 -25.51	37.64 1.37 -13.12	31.81 1.57 -4.10	28.95 1.43 -1.45
E179THST_138_KV_TB4_REV_LBMP_J 345001	28.54 1.53 -1.02	27.24 1.47 -0.01	27.61 1.42 -0.32	27.46 1.22 -2.79	28.85 1.18 -4.12	26.45 1.43 0.00	29.79 1.43 -2.41	32.10 1.38 -4.69	34.31 1.43 -6.31	36.40 1.63 -5.19	36.27 2.09 0.14	38.98 1.99 -3.32	41.41 2.14 -4.68	42.66 2.21 -7.03	42.95 2.29 -10.16	45.40 1.88 -19.13	56.38 2.59 -27.06	57.40 2.74 -26.39	54.09 1.85 -29.74	51.87 1.54 -29.83	47.22 1.32 -25.58	37.79 1.48 -13.16	32.22 1.96 -4.12	29.32 1.80 -1.46
E179THST_13_KV_LOAD 356214	28.67 1.66 -1.02	27.37 1.60 -0.01	27.71 1.53 -0.32	27.55 1.31 -2.79	28.94 1.27 -4.12	26.55 1.53 0.00	29.92 1.56 -2.41	32.26 1.54 -4.69	34.47 1.59 -6.31	36.57 1.80 -5.19	36.44 2.27 0.14	39.19 2.19 -3.32	41.62 2.35 -4.68	42.86 2.41 -7.03	43.13 2.47 -10.16	45.55 2.02 -19.13	56.57 2.78 -27.06	57.60 2.94 -26.39	54.22 1.98 -29.74	51.99 1.66 -29.83	47.34 1.44 -25.58	37.93 1.62 -13.16	32.35 2.09 -4.12	29.45 1.93 -1.46
EAST HAMPTON___GT 23717	38.42 3.79 -8.64	33.65 3.81 -4.07	29.93 3.75 -0.31	29.58 3.33 -2.81	30.93 3.27 -4.11	30.42 3.65 -1.75	32.05 3.68 -2.41	34.26 3.54 -4.69	36.68 3.77 -6.35	39.32 4.53 -5.22	44.16 5.63 -4.21	46.13 5.52 -6.93	46.84 5.57 -6.68	47.00 5.28 -8.29	48.70 5.00 -13.19	53.25 4.22 -24.64	61.22 5.13 -29.36	69.45 5.43 -35.76	72.72 4.18 -46.04	57.27 3.57 -33.20	53.53 3.33 -29.88	47.13 3.70 -20.27	45.82 4.37 -15.31	43.61 4.14 -13.40
EAST RIVER___6 23660	28.50 1.51 -1.02	27.05 1.29 0.00	27.39 1.22 -0.31	27.26 1.03 -2.79	28.65 0.99 -4.11	26.27 1.25 0.00	29.71 1.35 -2.41	32.18 1.46 -4.69	34.50 1.59 -6.34	36.66 1.86 -5.21	36.38 2.20 0.14	39.07 2.05 -3.33	41.47 2.18 -4.70	42.73 2.24 -7.06	42.96 2.26 -10.21	45.52 1.90 -19.22	56.47 2.57 -27.18	57.37 2.71 -26.39	54.13 1.89 -29.74	51.80 1.48 -29.82	47.32 1.42 -25.58	37.77 1.46 -13.16	32.03 1.78 -4.11	29.16 1.64 -1.46

EAST_RIVER___7 23524	28.50 1.51 -1.02	27.05 1.29 0.00	27.39 1.22 -0.31	27.26 1.03 -2.79	28.65 0.99 -4.11	26.27 1.25 0.00	29.71 1.35 -2.41	32.18 1.46 -4.69	34.50 1.59 -6.34	36.66 1.86 -5.21	36.38 2.20 0.14	39.07 2.05 -3.33	41.47 2.18 -4.70	42.73 2.24 -7.06	42.96 2.26 -10.21	45.52 1.90 -19.22	56.47 2.57 -27.18	57.37 2.71 -26.39	54.13 1.89 -29.74	51.80 1.48 -29.82	47.32 1.42 -25.58	37.77 1.46 -13.16	32.03 1.78 -4.11	29.16 1.64 -1.46
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	28.24 1.25 -1.01	26.97 1.21 0.00	27.37 1.19 -0.31	27.25 1.03 -2.78	28.64 0.99 -4.10	26.17 1.15 0.00	29.66 1.30 -2.40	32.07 1.35 -4.68	34.33 1.46 -6.30	36.44 1.69 -5.18	36.17 1.99 0.14	38.88 1.89 -3.31	41.23 1.97 -4.67	42.45 2.01 -7.01	42.65 2.01 -10.14	45.22 1.73 -19.09	55.97 2.25 -26.99	57.00 2.40 -26.34	53.89 1.71 -29.68	51.63 1.37 -29.76	47.16 1.32 -25.52	37.67 1.39 -13.13	31.86 1.62 -4.10	29.03 1.51 -1.45
EAST_HAMPTON___DIESEL 23722	38.42 3.79 -8.64	33.67 3.84 -4.07	29.93 3.75 -0.31	29.58 3.33 -2.81	30.96 3.30 -4.11	30.45 3.68 -1.75	32.05 3.68 -2.41	34.26 3.54 -4.69	36.71 3.80 -6.35	39.35 4.55 -5.22	44.16 5.63 -4.21	46.16 5.56 -6.93	46.87 5.60 -6.68	47.04 5.32 -8.29	48.72 5.03 -13.19	53.27 4.24 -24.64	61.22 5.13 -29.36	69.47 5.46 -35.76	72.72 4.18 -46.04	57.29 3.59 -33.20	53.55 3.35 -29.88	47.13 3.70 -20.27	45.82 4.37 -15.31	43.61 4.14 -13.40
EAST_PULASKI___ESR 323781	25.77 -0.21 0.00	25.45 -0.31 0.00	25.51 -0.36 0.00	23.09 -0.35 0.00	23.24 -0.31 0.00	24.80 -0.23 0.00	25.98 -0.26 -0.28	26.34 -0.16 -0.46	26.95 -0.24 -0.62	29.83 -0.65 -0.90	34.63 -0.65 -0.96	34.26 -0.57 -1.15	35.11 -0.59 -1.11	33.81 -0.57 -0.95	31.03 -0.43 -0.96	26.11 -0.10 -1.81	29.08 -0.21 -2.56	29.44 0.08 -1.09	24.39 0.18 -1.70	22.49 0.25 -1.75	22.05 0.24 -1.49	24.46 0.16 -1.15	26.37 -0.13 -0.36	25.98 -0.21 -0.13
EAST_RIVER___1 323558	28.50 1.51 -1.02	27.05 1.29 0.00	27.39 1.22 -0.31	27.26 1.03 -2.79	28.65 0.99 -4.11	26.27 1.25 0.00	29.74 1.37 -2.41	32.15 1.43 -4.69	34.48 1.57 -6.34	36.60 1.80 -5.21	36.31 2.13 0.14	39.00 1.99 -3.33	41.40 2.11 -4.70	42.66 2.17 -7.06	42.87 2.17 -10.21	45.47 1.85 -19.22	56.39 2.49 -27.18	57.28 2.63 -26.39	54.07 1.82 -29.74	51.77 1.46 -29.82	47.28 1.38 -25.58	37.75 1.44 -13.16	32.00 1.75 -4.11	29.13 1.62 -1.46
EAST_RIVER___2 323559	28.50 1.51 -1.02	27.05 1.29 0.00	27.39 1.22 -0.31	27.26 1.03 -2.79	28.65 0.99 -4.11	26.27 1.25 0.00	29.71 1.35 -2.41	32.18 1.46 -4.69	34.50 1.59 -6.34	36.66 1.86 -5.21	36.38 2.20 0.14	39.07 2.05 -3.33	41.47 2.18 -4.70	42.73 2.24 -7.06	42.96 2.26 -10.21	45.52 1.90 -19.22	56.47 2.57 -27.18	57.37 2.71 -26.39	54.13 1.89 -29.74	51.80 1.48 -29.82	47.32 1.42 -25.58	37.77 1.46 -13.16	32.03 1.78 -4.11	29.16 1.64 -1.46
EAST___DELAWARE_HYD 23607	27.75 0.81 -0.96	26.51 0.75 0.00	26.89 0.72 -0.29	26.67 0.59 -2.64	27.98 0.54 -3.89	25.70 0.68 0.00	28.90 0.67 -2.27	31.22 0.76 -4.43	33.41 0.85 -5.99	35.42 0.92 -4.92	35.17 1.00 0.15	37.69 0.87 -3.14	39.96 0.93 -4.44	41.04 0.93 -6.67	41.12 0.98 -9.65	43.54 0.98 -18.17	53.89 1.47 -25.69	55.03 1.61 -25.16	52.04 1.19 -28.35	49.85 0.92 -28.42	45.57 0.87 -24.38	36.60 0.90 -12.54	31.07 1.02 -3.92	28.31 0.86 -1.39
EIGHT_POINT___WT_PWR 323820	26.72 0.52 -0.22	26.10 0.33 0.00	25.99 0.05 -0.07	23.99 -0.05 -0.60	24.41 -0.02 -0.88	25.20 0.18 0.00	26.07 0.03 -0.09	27.06 0.23 -0.79	27.67 0.05 -1.05	30.39 0.00 -0.81	33.27 0.00 1.05	33.93 0.34 0.08	35.18 0.17 -0.42	34.98 0.17 -1.38	33.62 0.70 -2.42	30.30 1.36 -4.55	34.47 1.31 -6.43	35.71 1.19 -6.26	30.96 1.40 -7.06	28.87 1.29 -7.08	27.77 1.38 -6.07	27.53 1.25 -3.12	27.72 0.60 -0.97	26.90 0.49 -0.35
ELBRIDGE_115KV_TB2 80188	25.85 -0.23 -0.10	25.48 -0.28 0.00	25.56 -0.34 -0.03	23.40 -0.33 -0.29	23.67 -0.31 -0.42	24.80 -0.23 0.00	25.75 -0.31 -0.11	26.30 -0.21 -0.47	26.98 -0.21 -0.62	29.84 -0.24 -0.49	33.72 -0.17 0.43	33.68 -0.07 -0.07	34.81 -0.10 -0.32	34.15 -0.07 -0.79	31.87 0.06 -1.31	27.22 0.37 -2.46	30.48 0.27 -3.48	31.98 0.28 -3.44	26.63 0.32 -3.82	24.67 0.35 -3.83	23.95 0.35 -3.28	25.05 0.21 -1.69	26.56 -0.10 -0.53	26.09 -0.16 -0.19
ELEC_TRO_TEK 24086	36.26 1.64 -8.65	31.43 1.60 -4.07	27.78 1.60 -0.31	27.63 1.38 -2.81	29.00 1.34 -4.11	28.29 1.53 -1.75	30.00 1.64 -2.41	32.23 1.51 -4.69	34.53 1.65 -6.32	36.78 2.01 -5.19	40.96 2.44 -4.21	42.92 2.32 -6.91	43.66 2.42 -6.65	44.12 2.44 -8.25	46.05 2.41 -13.14	50.99 2.05 -24.55	58.55 2.59 -29.23	57.52 2.74 -26.52	54.29 2.00 -29.79	55.31 1.64 -33.17	47.49 1.58 -25.59	43.94 1.69 -19.10	42.90 2.07 -14.70	41.39 1.93 -13.40
ELLENBURG_WT_PWR 323604	26.21 0.23 0.00	26.10 0.33 0.00	26.23 0.36 0.00	23.89 0.44 0.00	23.97 0.42 0.00	25.40 0.38 0.00	26.11 0.16 0.00	26.19 0.16 0.00	26.83 0.27 0.00	29.46 -0.12 0.00	34.01 -0.31 0.00	33.18 -0.50 0.00	34.03 -0.55 0.00	32.73 -0.70 0.00	29.61 -0.89 0.00	15.04 -1.12 8.23	13.77 -1.15 11.81	9.11 -1.30 17.85	9.09 -1.03 12.38	7.72 -0.94 11.84	9.30 -0.69 10.33	22.53 -0.62 0.00	25.57 -0.58 0.00	25.56 -0.50 0.00
ELM_ST_23_KV_LD_REV_LBMP_A 345012	25.76 -0.39 -0.17	25.17 -0.59 0.00	24.94 -0.98 -0.05	23.20 -0.70 -0.46	23.50 -0.73 -0.68	24.57 -0.45 0.00	24.97 -0.83 0.16	25.77 -0.76 -0.49	26.47 -0.72 -0.62	29.16 -0.86 -0.44	32.05 -0.93 1.35	32.58 -0.61 0.50	33.76 -0.83 0.00	33.52 -0.87 -0.96	32.20 -0.24 -1.94	28.78 0.73 -3.66	32.44 0.53 -5.17	33.64 0.34 -5.04	28.85 0.68 -5.68	26.81 0.61 -5.69	25.99 0.79 -4.88	26.27 0.60 -2.51	26.85 -0.08 -0.78	26.26 -0.08 -0.28
EMPIRE_CC_1 323656	28.48 1.01 -1.48	26.76 1.00 0.00	27.36 1.04 -0.45	28.43 0.91 -4.07	30.46 0.89 -6.01	25.97 0.95 0.00	30.48 0.93 -3.59	22.59 0.86 4.31	19.89 1.01 7.69	20.27 1.12 10.43	27.73 1.37 7.96	24.11 1.31 10.88	24.86 1.35 11.08	24.77 1.27 9.93	23.56 1.25 8.19	5.61 1.02 19.81	30.69 1.12 -2.84	68.23 1.07 -38.90	67.14 0.81 -43.83	65.14 0.70 -43.95	58.70 0.69 -37.69	43.31 0.76 -19.39	33.08 0.89 -6.05	29.22 1.02 -2.15
EMPIRE_CC_2 323658	28.48 1.01 -1.48	26.76 1.00 0.00	27.36 1.04 -0.45	28.43 0.91 -4.07	30.46 0.89 -6.01	25.97 0.95 0.00	30.48 0.93 -3.59	22.59 0.86 4.31	19.89 1.01 7.69	20.27 1.12 10.43	27.73 1.37 7.96	24.11 1.31 10.88	24.86 1.35 11.08	24.77 1.27 9.93	23.56 1.25 8.19	5.61 1.02 19.81	30.69 1.12 -2.84	68.23 1.07 -38.90	67.14 0.81 -43.83	65.14 0.70 -43.95	58.70 0.69 -37.69	43.31 0.76 -19.39	33.08 0.89 -6.05	29.22 1.02 -2.15
ENORWICH_115KV_TB1 80156	28.37 1.97 -0.41	27.33 1.57 0.00	27.47 1.47 -0.13	25.87 1.29 -1.13	26.59 1.37 -1.67	26.75 1.73 0.00	28.67 1.92 -0.80	30.11 2.24 -1.84	30.90 1.86 -2.47	33.63 2.04 -2.01	36.19 2.40 0.53	37.21 2.53 -1.01	38.68 2.42 -1.67	38.62 2.34 -2.85	37.26 2.44 -4.32	35.06 2.54 -8.14	40.93 2.70 -11.50	42.31 2.85 -11.19	37.64 2.54 -12.59	35.50 2.38 -12.63	33.48 2.34 -10.83	30.99 2.27 -5.57	29.81 1.93 -1.74	28.35 1.67 -0.62

ERIE_ST__34_KV_TB1-2 80199	25.92 -0.23 -0.18	25.32 -0.44 0.00	25.07 -0.85 -0.05	23.36 -0.56 -0.48	23.65 -0.61 -0.71	24.75 -0.28 0.00	24.79 -1.04 0.13	25.68 -0.89 -0.53	26.39 -0.85 -0.68	29.12 -0.95 -0.49	31.98 -1.03 1.31	32.56 -0.67 0.45	33.71 -0.93 -0.05	33.58 -0.87 -1.02	32.69 0.18 -2.01	29.27 1.10 -3.78	33.01 0.94 -5.35	33.93 0.45 -5.21	29.36 0.99 -5.87	27.25 0.86 -5.89	26.40 1.04 -5.05	26.63 0.88 -2.60	27.13 0.18 -0.81	26.48 0.13 -0.29
ERIE_WT_PWR 323693	26.05 -0.10 -0.17	25.55 -0.21 0.00	25.30 -0.62 -0.05	23.33 -0.59 -0.47	23.64 -0.61 -0.70	24.54 -0.48 0.00	25.04 -0.78 0.14	25.92 -0.63 -0.51	26.59 -0.64 -0.66	29.28 -0.77 -0.47	32.10 -0.89 1.33	32.71 -0.50 0.46	33.90 -0.73 -0.04	33.70 -0.74 -1.00	32.49 0.00 -1.99	29.06 0.93 -3.74	32.77 0.75 -5.29	33.89 0.48 -5.15	29.16 0.85 -5.80	27.09 0.78 -5.82	26.26 0.96 -4.99	26.51 0.79 -2.57	27.05 0.10 -0.80	26.42 0.08 -0.28
ESPRGFLD_115KV_TB1 80157	29.54 1.48 -2.08	27.15 1.39 0.00	27.93 1.42 -0.64	30.47 1.31 -5.71	33.32 1.34 -8.43	26.47 1.45 0.00	32.56 1.56 -5.05	37.50 1.69 -9.77	41.46 1.65 -13.24	42.27 1.80 -10.89	36.27 2.16 0.22	42.88 2.19 -7.01	46.62 2.18 -9.85	50.29 2.14 -14.72	53.88 2.13 -21.25	66.44 2.02 -40.02	85.58 2.27 -56.58	84.96 2.37 -54.33	85.72 2.00 -61.22	83.73 1.84 -61.38	74.77 1.81 -52.65	52.12 1.88 -27.09	36.43 1.83 -8.45	30.73 1.67 -3.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	26.69 0.47 -0.24	26.07 0.31 0.00	26.20 0.26 -0.07	24.32 0.21 -0.67	24.80 0.26 -0.99	25.45 0.43 0.00	26.72 0.42 -0.35	27.63 0.55 -1.04	28.41 0.45 -1.39	31.17 0.47 -1.12	34.32 0.62 0.62	34.75 0.71 -0.37	36.11 0.69 -0.83	35.81 0.70 -1.67	34.01 0.85 -2.66	30.50 1.10 -5.01	34.94 1.12 -7.09	36.38 1.19 -6.93	31.40 1.13 -7.78	29.40 1.11 -7.80	28.10 1.10 -6.69	27.59 1.00 -3.44	27.92 0.71 -1.07	27.01 0.57 -0.38
ETNA____115KV_TB2 80207	26.69 0.47 -0.24	26.07 0.31 0.00	26.20 0.26 -0.07	24.32 0.21 -0.67	24.80 0.26 -0.99	25.45 0.43 0.00	26.72 0.42 -0.35	27.63 0.55 -1.04	28.41 0.45 -1.39	31.17 0.47 -1.12	34.32 0.62 0.62	34.75 0.71 -0.37	36.11 0.69 -0.83	35.81 0.70 -1.67	34.01 0.85 -2.66	30.50 1.10 -5.01	34.94 1.12 -7.09	36.38 1.19 -6.93	31.40 1.13 -7.78	29.40 1.11 -7.80	28.10 1.10 -6.69	27.59 1.00 -3.44	27.92 0.71 -1.07	27.01 0.57 -0.38
EUCLID____115KV_TB2 356179	25.51 -0.47 0.00	25.22 -0.54 0.00	25.27 -0.59 0.00	22.90 -0.54 0.00	23.03 -0.52 0.00	24.55 -0.48 0.00	25.19 -0.55 0.22	25.74 -0.47 -0.17	26.29 -0.48 -0.20	29.19 -0.50 -0.11	32.81 -0.48 1.04	32.74 -0.40 0.53	33.96 -0.42 0.21	33.46 -0.40 -0.43	31.30 -0.24 -1.05	26.44 0.07 -1.97	29.49 -0.03 -2.79	30.97 -0.03 -2.74	25.63 0.07 -3.06	23.69 0.12 -3.07	23.07 0.12 -2.63	24.46 -0.05 -1.36	26.22 -0.34 -0.42	25.82 -0.39 -0.15
E_CANADA_CAP_HY 24051	30.60 2.05 -2.57	27.72 1.96 0.00	28.62 1.97 -0.79	32.29 1.81 -7.04	35.78 1.84 -10.39	26.97 1.95 0.00	34.25 2.03 -6.27	40.19 2.08 -12.07	44.98 2.07 -16.34	45.24 2.22 -13.44	36.75 2.61 0.18	45.05 2.66 -8.71	49.44 2.66 -12.18	54.16 2.57 -18.15	59.19 2.53 -26.16	75.93 2.27 -49.27	98.97 2.59 -69.65	97.89 2.71 -66.91	100.24 2.34 -75.40	98.29 2.19 -75.60	87.36 2.19 -64.84	58.88 2.36 -33.36	38.93 2.38 -10.41	31.99 2.24 -3.69
E_CANADA_MHWK_HY 24050	26.08 0.10 0.00	25.66 -0.10 0.00	25.76 -0.10 0.00	23.33 -0.12 0.00	23.43 -0.12 0.00	24.90 -0.12 0.00	26.04 0.16 0.07	26.20 0.21 0.05	26.63 0.13 0.07	29.72 0.21 0.07	34.44 0.27 0.16	33.81 0.27 0.13	34.73 0.24 0.11	33.59 0.20 0.04	30.68 0.18 0.00	25.09 0.19 -0.50	27.66 0.21 -0.72	29.57 0.20 -1.11	23.38 0.11 -0.77	21.25 0.02 -0.73	20.92 -0.04 -0.64	23.08 -0.07 0.00	25.98 -0.16 0.00	25.88 -0.18 0.00
E_FISHKILL____LBMP 23776	28.13 1.12 -1.04	26.87 1.11 0.00	27.30 1.11 -0.32	27.25 0.96 -2.84	28.68 0.94 -4.19	26.10 1.08 0.00	29.61 1.19 -2.46	32.02 1.20 -4.78	34.28 1.28 -6.44	36.32 1.45 -5.30	35.89 1.72 0.14	38.68 1.62 -3.39	41.06 1.69 -4.78	42.34 1.74 -7.17	42.60 1.74 -10.37	45.40 1.49 -19.52	56.22 1.90 -27.60	57.22 2.03 -26.93	54.31 1.46 -30.34	52.11 1.19 -30.42	47.57 1.16 -26.10	37.78 1.20 -13.43	31.74 1.41 -4.19	28.85 1.30 -1.49
FALCON____SEABRD_CC1 323796	26.53 0.55 0.00	26.41 0.64 0.00	26.51 0.65 0.00	24.15 0.70 0.00	24.26 0.71 0.00	25.67 0.65 0.00	26.37 0.41 0.00	26.45 0.42 0.00	27.10 0.53 0.00	29.58 0.00 0.00	34.18 -0.14 0.00	33.31 -0.37 0.00	34.21 -0.38 0.00	32.86 -0.57 0.00	29.77 -0.73 0.00	15.18 -1.00 8.21	13.92 -1.02 11.79	9.32 -1.13 17.81	9.25 -0.90 12.35	7.87 -0.82 11.81	9.56 -0.45 10.31	22.81 -0.35 0.00	25.83 -0.31 0.00	25.83 -0.24 0.00
FALCON____SEABRD_CC2 323797	26.53 0.55 0.00	26.41 0.64 0.00	26.51 0.65 0.00	24.15 0.70 0.00	24.26 0.71 0.00	25.67 0.65 0.00	26.37 0.41 0.00	26.45 0.42 0.00	27.10 0.53 0.00	29.58 0.00 0.00	34.18 -0.14 0.00	33.31 -0.37 0.00	34.21 -0.38 0.00	32.86 -0.57 0.00	29.77 -0.73 0.00	15.18 -1.00 8.21	13.92 -1.02 11.79	9.32 -1.13 17.81	9.25 -0.90 12.35	7.87 -0.82 11.81	9.56 -0.45 10.31	22.81 -0.35 0.00	25.83 -0.31 0.00	25.83 -0.24 0.00
FAR ROCKAWAY____4 23548	36.73 2.10 -8.65	31.85 2.01 -4.07	28.17 1.99 -0.31	27.96 1.71 -2.81	29.33 1.67 -4.11	28.67 1.90 -1.75	30.39 2.02 -2.41	32.62 1.90 -4.69	34.95 2.07 -6.32	37.28 2.51 -5.19	40.96 2.44 -4.21	42.95 2.36 -6.91	43.70 2.46 -6.65	44.19 2.51 -8.25	46.14 2.50 -13.14	51.06 2.12 -24.55	58.63 2.67 -29.23	57.60 2.83 -26.52	54.36 2.07 -29.79	55.37 1.70 -33.17	47.55 1.65 -25.59	44.01 1.76 -19.10	42.96 2.12 -14.70	41.42 1.95 -13.40
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	28.32 1.33 -1.02	27.05 1.29 0.00	27.39 1.22 -0.31	27.28 1.05 -2.79	28.67 1.01 -4.11	26.25 1.23 0.00	29.77 1.40 -2.41	32.18 1.46 -4.69	34.45 1.57 -6.31	36.57 1.80 -5.19	36.30 2.13 0.14	39.02 2.02 -3.32	41.38 2.11 -4.68	42.63 2.17 -7.03	42.85 2.20 -10.16	45.38 1.85 -19.13	56.26 2.49 -27.05	57.28 2.63 -26.39	54.09 1.85 -29.74	51.80 1.48 -29.82	47.28 1.38 -25.58	37.75 1.44 -13.16	32.03 1.78 -4.11	29.13 1.62 -1.46
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	28.35 1.35 -1.02	27.05 1.29 0.00	27.39 1.22 -0.31	27.28 1.05 -2.79	28.67 1.01 -4.11	26.25 1.23 0.00	29.77 1.40 -2.41	32.18 1.46 -4.69	34.45 1.57 -6.31	36.57 1.80 -5.19	36.30 2.13 0.14	39.02 2.02 -3.32	41.38 2.11 -4.68	42.63 2.17 -7.03	42.85 2.20 -10.16	45.38 1.85 -19.13	56.26 2.49 -27.05	57.31 2.66 -26.39	54.09 1.85 -29.74	51.80 1.48 -29.82	47.30 1.40 -25.58	37.75 1.44 -13.16	32.03 1.78 -4.11	29.13 1.62 -1.46
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	28.32 1.33 -1.02	27.02 1.26 0.00	27.37 1.19 -0.31	27.26 1.03 -2.79	28.67 1.01 -4.11	26.22 1.20 0.00	29.74 1.38 -2.41	32.15 1.43 -4.69	34.45 1.57 -6.31	36.54 1.77 -5.19	36.27 2.09 0.14	38.98 1.99 -3.32	41.38 2.11 -4.68	42.60 2.14 -7.03	42.82 2.17 -10.16	45.35 1.83 -19.13	56.24 2.46 -27.05	57.28 2.63 -26.39	54.07 1.82 -29.74	51.77 1.46 -29.82	47.28 1.38 -25.58	37.72 1.41 -13.16	32.00 1.75 -4.11	29.11 1.59 -1.46

FARRAGUT___LBMP 323566	28.30 1.30 -1.02	27.00 1.24 0.00	27.37 1.19 -0.31	27.24 1.01 -2.79	28.65 0.99 -4.11	26.22 1.20 0.00	29.71 1.35 -2.41	32.13 1.41 -4.69	34.42 1.54 -6.31	36.51 1.75 -5.19	36.24 2.06 0.14	38.95 1.95 -3.32	41.34 2.08 -4.68	42.56 2.11 -7.03	42.79 2.13 -10.16	45.33 1.80 -19.13	56.21 2.43 -27.05	57.23 2.57 -26.39	54.04 1.80 -29.74	51.75 1.43 -29.82	47.26 1.36 -25.58	37.70 1.39 -13.16	31.97 1.73 -4.11	29.11 1.59 -1.46
FENNER___WINDPWR 24204	26.59 0.49 -0.12	26.10 0.33 0.00	26.19 0.29 -0.04	23.98 0.21 -0.32	24.29 0.26 -0.48	25.37 0.35 0.00	26.52 0.49 -0.07	27.15 0.65 -0.47	27.71 0.53 -0.61	30.68 0.62 -0.47	34.55 0.79 0.56	34.51 0.84 0.02	35.72 0.87 -0.26	35.06 0.84 -0.79	32.75 0.89 -1.37	27.97 1.00 -2.58	31.39 1.02 -3.65	32.88 1.05 -3.57	27.42 0.92 -4.00	25.39 0.88 -4.01	24.61 0.85 -3.44	25.71 0.79 -1.77	27.29 0.60 -0.55	26.78 0.52 -0.20
FIBERTEK___ENERGY 23856	25.95 -0.13 -0.10	25.53 -0.23 0.00	25.61 -0.28 -0.03	23.41 -0.30 -0.27	23.69 -0.26 -0.39	24.85 -0.18 0.00	25.81 -0.21 -0.07	26.35 -0.10 -0.42	26.99 -0.13 -0.55	29.89 -0.12 -0.43	33.83 0.00 0.49	33.78 0.10 0.00	34.90 0.07 -0.25	34.25 0.10 -0.72	31.95 0.21 -1.24	27.18 0.46 -2.33	30.42 0.40 -3.29	31.91 0.40 -3.25	26.52 0.41 -3.61	24.55 0.43 -3.62	23.85 0.43 -3.11	25.03 0.28 -1.60	26.61 -0.03 -0.50	26.16 -0.08 -0.18
FITZPATRICK____ 23598	25.20 -0.78 0.00	24.94 -0.83 0.00	25.01 -0.85 0.00	22.62 -0.82 0.00	22.75 -0.80 0.00	24.20 -0.83 0.00	25.10 -0.86 0.00	25.23 -0.81 0.00	25.74 -0.82 0.00	28.66 -0.92 0.00	33.32 -1.00 0.00	32.74 -0.94 0.00	33.62 -0.97 0.00	32.49 -0.94 0.00	29.74 -0.76 0.00	23.97 -0.41 0.00	26.17 -0.56 0.00	27.42 -0.57 0.28	22.12 -0.38 0.00	20.19 -0.31 0.00	20.01 -0.30 0.00	22.67 -0.49 0.00	25.38 -0.76 0.00	25.28 -0.78 0.00
FLOWRFLD_69_KV_BK1 356044	36.91 2.29 -8.65	32.23 2.40 -4.07	28.53 2.35 -0.31	28.34 2.09 -2.81	29.71 2.05 -4.11	29.09 2.33 -1.75	30.70 2.34 -2.41	32.81 2.08 -4.69	35.14 2.26 -6.32	37.58 2.81 -5.19	41.93 3.40 -4.21	43.93 3.33 -6.91	44.67 3.42 -6.66	45.06 3.38 -8.26	46.91 3.26 -13.15	51.67 2.73 -24.55	59.28 3.31 -29.23	69.04 3.53 -37.25	73.80 2.63 -48.67	55.89 2.19 -33.20	53.10 2.19 -30.58	46.19 2.38 -20.66	44.55 2.90 -15.51	42.23 2.76 -13.40
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	28.49 1.48 -1.03	27.23 1.47 0.00	27.63 1.45 -0.31	27.53 1.27 -2.82	28.93 1.22 -4.16	26.37 1.35 0.00	29.95 1.56 -2.44	32.47 1.67 -4.77	34.78 1.78 -6.43	36.88 2.01 -5.29	36.48 2.30 0.14	39.25 2.19 -3.38	41.61 2.25 -4.77	42.83 2.24 -7.16	43.02 2.17 -10.35	45.76 1.88 -19.50	56.67 2.38 -27.57	57.68 2.52 -26.91	54.67 1.85 -30.32	52.42 1.52 -30.40	47.87 1.48 -26.07	38.17 1.60 -13.41	32.13 1.80 -4.19	29.21 1.67 -1.48
FORT ORANGE____ 23900	29.01 1.04 -1.99	26.92 1.16 0.00	27.61 1.14 -0.61	29.91 1.01 -5.46	32.62 1.01 -8.06	26.10 1.08 0.00	31.79 1.06 -4.77	28.13 1.12 -0.98	27.65 1.12 0.03	27.78 1.21 3.01	29.86 1.34 5.79	30.05 1.28 4.91	32.04 1.35 3.89	33.61 1.24 1.06	34.59 1.19 -2.90	27.45 0.78 -2.28	53.17 0.78 -25.67	80.96 0.73 -51.96	81.62 0.56 -58.55	79.72 0.51 -58.71	71.18 0.51 -50.36	49.64 0.58 -25.91	34.88 0.65 -8.09	29.60 0.68 -2.87
FORT_DRUM_COGEN 23780	26.81 0.83 0.00	26.35 0.59 0.00	26.41 0.54 0.00	23.91 0.47 0.00	24.09 0.54 0.00	25.75 0.73 0.00	26.73 0.78 0.00	27.00 0.96 0.00	27.26 0.69 0.00	30.28 0.83 0.13	34.98 0.96 0.30	34.50 1.08 0.26	35.42 1.04 0.20	34.25 0.90 0.09	31.35 0.85 0.00	23.15 0.78 2.02	24.58 0.75 2.90	24.92 0.79 4.13	20.49 0.88 2.89	18.66 0.92 2.76	18.80 0.89 2.41	24.08 0.93 0.00	26.95 0.81 0.00	26.71 0.65 0.00
FPL_FAR_ROCK_GT1 24212	36.89 2.26 -8.65	31.87 2.03 -4.07	28.20 2.02 -0.31	27.96 1.71 -2.81	29.33 1.67 -4.11	28.69 1.93 -1.75	30.39 2.03 -2.41	32.60 1.88 -4.69	34.99 2.07 -6.35	37.28 2.49 -5.22	40.96 2.44 -4.21	42.97 2.36 -6.93	43.72 2.46 -6.68	44.22 2.51 -8.29	46.15 2.47 -13.19	51.15 2.12 -24.64	58.76 2.67 -29.35	57.60 2.83 -26.52	54.36 2.07 -29.79	55.37 1.70 -33.17	47.55 1.64 -25.59	44.01 1.76 -19.10	43.19 2.35 -14.70	41.65 2.19 -13.40
FPL_FAR_ROCK_GT2 23815	36.89 2.26 -8.65	31.87 2.03 -4.07	28.20 2.02 -0.31	27.96 1.71 -2.81	29.33 1.67 -4.11	28.69 1.93 -1.75	30.39 2.03 -2.41	32.60 1.88 -4.69	34.99 2.07 -6.35	37.28 2.49 -5.22	40.96 2.44 -4.21	42.97 2.36 -6.93	43.72 2.46 -6.68	44.22 2.51 -8.29	46.15 2.47 -13.19	51.15 2.12 -24.64	58.76 2.67 -29.35	57.60 2.83 -26.52	54.36 2.07 -29.79	55.37 1.70 -33.17	47.55 1.64 -25.59	44.01 1.76 -19.10	43.19 2.35 -14.70	41.65 2.19 -13.40
FRANKLIN_FALL_HYD 24054	26.53 0.55 0.00	26.30 0.54 0.00	26.41 0.54 0.00	23.98 0.54 0.00	24.12 0.57 0.00	25.55 0.53 0.00	26.29 0.34 0.00	26.40 0.36 0.00	27.04 0.48 0.00	29.85 0.27 0.00	34.42 0.10 0.00	33.58 -0.10 0.00	34.45 -0.14 0.00	33.10 -0.33 0.00	29.98 -0.52 0.00	15.72 -0.93 7.75	14.62 -0.99 11.12	10.36 -1.10 16.80	9.98 -0.88 11.65	8.56 -0.80 11.14	9.99 -0.61 9.72	22.71 -0.44 0.00	25.85 -0.29 0.00	25.85 -0.21 0.00
FREEPORT_EQUS_GT1 23764	36.68 2.05 -8.65	31.72 1.88 -4.07	28.07 1.89 -0.31	27.87 1.62 -2.81	29.24 1.58 -4.11	28.59 1.83 -1.75	30.26 1.89 -2.41	32.44 1.72 -4.69	34.80 1.89 -6.35	37.04 2.25 -5.22	41.24 2.71 -4.21	43.04 2.43 -6.93	43.82 2.56 -6.68	44.29 2.57 -8.29	46.22 2.53 -13.19	51.20 2.17 -24.64	58.84 2.75 -29.36	57.69 2.91 -26.52	54.43 2.14 -29.79	55.43 1.76 -33.17	47.67 1.77 -25.59	44.16 1.90 -19.11	43.12 2.27 -14.70	41.60 2.14 -13.40
FREEPORT___CT2 23818	36.68 2.05 -8.65	31.72 1.88 -4.07	28.07 1.89 -0.31	27.87 1.62 -2.81	29.24 1.58 -4.11	28.59 1.83 -1.75	30.26 1.89 -2.41	32.44 1.72 -4.69	34.80 1.89 -6.35	37.04 2.25 -5.22	41.24 2.71 -4.21	43.04 2.43 -6.93	43.82 2.56 -6.68	44.29 2.57 -8.29	46.22 2.53 -13.19	51.20 2.17 -24.64	58.84 2.75 -29.36	57.69 2.91 -26.52	54.43 2.14 -29.79	55.43 1.76 -33.17	47.67 1.77 -25.59	44.16 1.90 -19.11	43.12 2.27 -14.70	41.60 2.14 -13.40
FRESHKLS_33_KV_LOAD 356253	28.48 1.48 -1.02	27.24 1.47 -0.01	27.58 1.40 -0.31	27.38 1.15 -2.79	28.74 1.08 -4.11	26.32 1.30 0.00	29.60 1.25 -2.40	30.96 1.33 -3.60	30.93 1.43 -2.93	31.58 1.60 -0.40	31.60 1.92 4.65	32.01 1.79 3.46	33.15 1.90 3.34	35.45 2.01 -0.02	42.75 2.10 -10.15	45.27 1.76 -19.13	56.31 2.54 -27.04	57.33 2.68 -26.39	54.08 1.85 -29.73	51.77 1.46 -29.81	47.21 1.32 -25.57	37.67 1.37 -13.15	32.07 1.83 -4.10	29.16 1.64 -1.46
FULTON COGEN____ 23766	25.51 -0.47 0.00	25.22 -0.54 0.00	25.27 -0.59 0.00	22.90 -0.54 0.00	23.03 -0.52 0.00	24.55 -0.48 0.00	25.77 -0.52 -0.33	26.11 -0.44 -0.52	26.79 -0.48 -0.71	29.70 -0.50 -0.62	34.10 -0.48 -0.26	33.87 -0.37 -0.56	34.85 -0.38 -0.64	33.82 -0.37 -0.76	31.24 -0.24 -0.99	26.32 0.07 -1.86	29.33 -0.03 -2.62	30.86 -0.03 -2.63	25.44 0.07 -2.87	23.49 0.12 -2.87	22.92 0.14 -2.46	24.37 -0.05 -1.27	26.20 -0.34 -0.40	25.81 -0.39 -0.14



FULTON___LFGE 323630	31.98 3.22 -2.77	28.34 2.58 0.00	29.30 2.59 -0.85	33.44 2.39 -7.61	37.22 2.45 -11.23	27.55 2.53 0.00	35.85 3.11 -6.79	42.16 3.07 -13.05	47.24 3.00 -17.68	47.17 3.05 -14.54	37.59 3.43 0.16	46.62 3.50 -9.44	51.27 3.49 -13.19	56.43 3.37 -19.63	62.00 3.23 -28.27	80.59 2.95 -53.25	105.50 3.50 -75.27	104.32 3.76 -72.29	107.32 3.35 -81.46	105.37 3.20 -81.68	93.61 3.23 -70.06	62.81 3.61 -36.04	41.10 3.71 -11.25	33.65 3.60 -3.99
G.F.CEMENT___DRP 24184	31.26 2.34 -2.95	27.98 2.22 0.00	28.97 2.20 -0.90	33.57 2.04 -8.08	37.57 2.10 -11.92	27.15 2.13 0.00	35.68 2.31 -7.42	49.04 2.29 -20.71	58.33 2.47 -29.30	58.94 2.81 -26.55	42.13 3.09 -4.72	56.68 3.20 -19.80	62.87 3.18 -25.10	69.85 3.11 -33.31	77.45 2.68 -44.27	112.64 2.29 -85.96	132.53 2.57 -103.23	107.60 2.54 -76.80	111.31 2.27 -86.54	109.52 2.25 -86.77	96.99 2.26 -74.42	64.01 2.57 -38.29	40.81 2.72 -11.95	32.96 2.66 -4.24
GARDENVILLE___LBMP 24039	25.81 -0.34 -0.17	25.22 -0.54 0.00	24.99 -0.93 -0.05	23.26 -0.66 -0.47	23.56 -0.68 -0.70	24.62 -0.40 0.00	24.98 -0.83 0.14	25.79 -0.76 -0.51	26.50 -0.72 -0.65	29.22 -0.83 -0.47	32.10 -0.89 1.33	32.64 -0.57 0.47	33.82 -0.80 -0.03	33.62 -0.80 -0.99	32.35 -0.12 -1.98	28.92 0.80 -3.73	32.61 0.61 -5.27	33.79 0.40 -5.13	29.05 0.77 -5.78	26.99 0.70 -5.80	26.16 0.87 -4.97	26.38 0.67 -2.56	26.94 0.00 -0.80	26.34 0.00 -0.28
GARDNVLA_35_KV_LD 355827	25.92 -0.23 -0.17	25.32 -0.44 0.00	25.07 -0.85 -0.05	23.35 -0.56 -0.47	23.64 -0.61 -0.70	24.72 -0.30 0.00	25.07 -0.75 0.13	25.90 -0.65 -0.52	26.61 -0.61 -0.66	29.34 -0.71 -0.47	32.24 -0.76 1.32	32.78 -0.44 0.46	33.97 -0.66 -0.04	33.76 -0.67 -1.00	32.52 0.03 -1.99	29.09 0.95 -3.74	32.80 0.78 -5.29	33.95 0.54 -5.16	29.21 0.90 -5.81	27.12 0.80 -5.83	26.31 1.00 -5.00	26.53 0.81 -2.57	27.07 0.13 -0.80	26.45 0.10 -0.28
GELCKHM___115KV_LOAD 80723	25.70 -0.36 -0.09	25.32 -0.44 0.00	25.40 -0.49 -0.03	23.23 -0.45 -0.23	23.47 -0.42 -0.34	24.65 -0.38 0.00	25.39 -0.44 0.12	25.96 -0.34 -0.26	26.52 -0.37 -0.33	29.42 -0.38 -0.22	33.13 -0.34 0.85	33.10 -0.24 0.35	34.30 -0.24 0.05	33.73 -0.23 -0.53	31.53 -0.09 -1.12	26.72 0.22 -2.11	29.82 0.11 -2.98	31.31 0.11 -2.93	25.95 0.18 -3.27	23.99 0.20 -3.28	23.36 0.22 -2.81	24.65 0.05 -1.45	26.36 -0.24 -0.45	25.93 -0.29 -0.16
GENERAL___MILLS 23808	25.89 -0.26 -0.17	25.27 -0.49 0.00	25.04 -0.88 -0.05	23.31 -0.61 -0.47	23.61 -0.64 -0.70	24.70 -0.33 0.00	25.01 -0.80 0.14	25.85 -0.70 -0.51	26.56 -0.66 -0.66	29.28 -0.77 -0.47	32.17 -0.82 1.33	32.68 -0.54 0.46	33.86 -0.76 -0.03	33.66 -0.77 -1.00	32.45 -0.03 -1.99	29.03 0.90 -3.74	32.74 0.72 -5.29	33.86 0.45 -5.15	29.14 0.83 -5.80	27.07 0.76 -5.82	26.24 0.93 -4.99	26.48 0.76 -2.57	27.02 0.08 -0.80	26.40 0.05 -0.28
GE_PLASTICS___DRP 24183	28.71 0.91 -1.82	26.71 0.95 0.00	27.41 0.98 -0.56	29.30 0.87 -4.99	31.78 0.87 -7.36	25.92 0.90 0.00	31.24 0.91 -4.37	29.65 0.94 -2.68	30.19 0.93 -2.70	30.75 1.04 -0.13	31.47 1.20 4.05	32.86 1.15 1.97	35.08 1.18 0.68	36.84 1.14 -2.27	37.96 1.10 -6.36	35.02 0.88 -9.75	56.96 0.75 -29.48	76.40 0.71 -47.44	76.47 0.52 -53.45	74.56 0.47 -53.59	66.75 0.47 -45.97	47.31 0.51 -23.65	34.12 0.60 -7.38	29.30 0.63 -2.62
GILBOA___1 23756	27.73 0.83 -0.92	26.64 0.88 0.00	27.21 1.06 -0.28	26.88 0.91 -2.52	28.17 0.89 -3.72	25.75 0.73 0.00	28.90 0.78 -2.16	31.05 0.78 -4.23	33.09 0.80 -5.73	35.17 0.89 -4.71	35.22 1.07 0.17	37.71 1.05 -2.99	39.90 1.07 -4.24	40.89 1.07 -6.39	40.82 1.07 -9.25	42.71 0.90 -17.42	52.35 0.99 -24.63	53.35 1.05 -24.04	50.38 0.79 -27.09	48.42 0.76 -27.16	44.37 0.75 -23.30	35.93 0.79 -11.99	30.74 0.86 -3.74	28.25 0.86 -1.33
GILBOA___2 23757	27.73 0.83 -0.92	26.64 0.88 0.00	27.21 1.06 -0.28	26.88 0.91 -2.52	28.17 0.89 -3.72	25.75 0.73 0.00	28.90 0.78 -2.16	31.05 0.78 -4.23	33.09 0.80 -5.73	35.17 0.89 -4.71	35.22 1.07 0.17	37.71 1.05 -2.99	39.90 1.07 -4.24	40.89 1.07 -6.39	40.82 1.07 -9.25	42.71 0.90 -17.42	52.35 0.99 -24.63	53.35 1.05 -24.04	50.38 0.79 -27.09	48.42 0.76 -27.16	44.37 0.75 -23.30	35.93 0.79 -11.99	30.74 0.86 -3.74	28.25 0.86 -1.33
GILBOA___3 23758	27.73 0.83 -0.92	26.64 0.88 0.00	27.21 1.06 -0.28	26.88 0.91 -2.52	28.17 0.89 -3.72	25.75 0.73 0.00	28.90 0.78 -2.16	31.05 0.78 -4.23	33.09 0.80 -5.73	35.17 0.89 -4.71	35.22 1.07 0.17	37.71 1.05 -2.99	39.90 1.07 -4.24	40.89 1.07 -6.39	40.82 1.07 -9.25	42.71 0.90 -17.42	52.35 0.99 -24.63	53.35 1.05 -24.04	50.38 0.79 -27.09	48.42 0.76 -27.16	44.37 0.75 -23.30	35.93 0.79 -11.99	30.74 0.86 -3.74	28.25 0.86 -1.33
GILBOA___4 23759	27.73 0.83 -0.92	26.64 0.88 0.00	27.21 1.06 -0.28	26.88 0.91 -2.52	28.17 0.89 -3.72	25.75 0.73 0.00	28.90 0.78 -2.16	31.05 0.78 -4.23	33.09 0.80 -5.73	35.17 0.89 -4.71	35.22 1.07 0.17	37.71 1.05 -2.99	39.90 1.07 -4.24	40.89 1.07 -6.39	40.82 1.07 -9.25	42.71 0.90 -17.42	52.35 0.99 -24.63	53.35 1.05 -24.04	50.38 0.79 -27.09	48.42 0.76 -27.16	44.37 0.75 -23.30	35.93 0.79 -11.99	30.74 0.86 -3.74	28.25 0.86 -1.33
GILBOA___ 23599	27.65 0.75 -0.92	26.59 0.82 0.00	27.18 1.03 -0.28	26.88 0.91 -2.52	28.17 0.89 -3.72	25.75 0.73 0.00	28.90 0.78 -2.16	31.05 0.78 -4.24	33.09 0.80 -5.73	35.17 0.89 -4.70	35.22 1.06 0.17	37.71 1.04 -2.99	39.89 1.07 -4.23	40.88 1.07 -6.38	40.81 1.07 -9.24	42.70 0.90 -17.41	52.33 0.99 -24.61	53.35 1.05 -24.04	50.38 0.79 -27.09	48.42 0.76 -27.16	44.37 0.75 -23.30	35.93 0.79 -11.99	30.74 0.86 -3.74	28.25 0.86 -1.33
GINNA___ 23603	24.74 -1.35 -0.12	24.42 -1.34 0.00	24.35 -1.55 -0.04	22.26 -1.50 -0.32	22.54 -1.48 -0.47	23.52 -1.50 0.00	24.11 -1.48 0.37	24.87 -1.35 -0.19	25.46 -1.33 -0.22	28.21 -1.48 -0.11	31.30 -1.51 1.51	31.59 -1.28 0.81	32.86 -1.38 0.35	32.59 -1.40 -0.57	30.81 -1.13 -1.44	26.62 -0.49 -2.71	29.82 -0.75 -3.84	31.40 -0.65 -3.79	26.30 -0.47 -4.27	24.37 -0.41 -4.28	23.64 -0.35 -3.67	24.44 -0.60 -1.89	25.48 -1.25 -0.59	24.97 -1.30 -0.21
GLEN PARK___ 23778	26.99 1.01 0.00	26.48 0.72 0.00	26.54 0.67 0.00	24.00 0.56 0.00	24.19 0.64 0.00	25.85 0.82 0.00	26.89 0.93 0.00	27.18 1.14 0.00	27.42 0.85 0.00	30.46 1.01 0.13	35.18 1.17 0.31	34.73 1.31 0.26	35.66 1.28 0.21	34.48 1.14 0.09	31.57 1.07 0.00	23.44 0.98 1.92	24.93 0.96 2.76	25.37 1.02 3.91	20.84 1.08 2.74	19.01 1.13 2.62	19.15 1.12 2.29	24.29 1.13 0.00	27.13 0.99 0.00	26.87 0.81 0.00
GLENDALE_27_KV_LOAD 356172	28.56 1.56 -1.02	27.26 1.49 -0.01	27.60 1.42 -0.31	27.45 1.22 -2.79	28.84 1.18 -4.11	26.45 1.43 0.00	29.90 1.53 -2.41	32.31 1.59 -4.69	34.58 1.70 -6.31	36.69 1.92 -5.19	36.48 2.30 0.14	39.19 2.19 -3.32	41.59 2.32 -4.68	42.83 2.37 -7.03	43.07 2.41 -10.16	45.52 2.00 -19.13	56.51 2.73 -27.06	57.54 2.88 -26.39	54.25 2.00 -29.74	51.94 1.62 -29.82	47.38 1.48 -25.58	37.89 1.57 -13.16	32.23 1.99 -4.11	29.32 1.80 -1.46

GLENWOOD_IC_1_G5 23712	36.29 1.66 -8.65	31.43 1.60 -4.07	27.76 1.58 -0.31	27.63 1.38 -2.81	29.00 1.34 -4.11	28.32 1.55 -1.75	30.05 1.69 -2.41	32.36 1.64 -4.69	34.66 1.78 -6.32	36.66 1.89 -5.19	40.86 2.33 -4.21	42.85 2.26 -6.91	43.59 2.35 -6.65	44.06 2.37 -8.25	46.02 2.38 -13.14	50.96 2.02 -24.55	58.55 2.59 -29.23	57.52 2.74 -26.52	54.27 1.98 -29.79	55.27 1.60 -33.17	47.45 1.54 -25.59	43.88 1.62 -19.11	42.75 1.91 -14.70	41.23 1.77 -13.40
GLENWOOD_IC_2_G1 23688	36.26 1.64 -8.65	31.30 1.47 -4.07	27.63 1.45 -0.31	27.49 1.24 -2.81	28.86 1.20 -4.11	28.19 1.43 -1.75	29.87 1.50 -2.41	32.21 1.48 -4.69	34.53 1.62 -6.35	36.66 1.86 -5.22	40.83 2.30 -4.21	42.77 2.16 -6.93	43.51 2.25 -6.68	44.02 2.30 -8.29	45.97 2.29 -13.19	50.98 1.95 -24.64	58.60 2.51 -29.35	57.43 2.66 -26.52	54.20 1.91 -29.79	55.22 1.56 -33.17	47.41 1.50 -25.59	43.83 1.58 -19.10	42.72 1.88 -14.70	41.21 1.75 -13.40
GLENWOOD_IC_3_G1 23689	36.26 1.64 -8.65	31.30 1.47 -4.07	27.63 1.45 -0.31	27.49 1.24 -2.81	28.86 1.20 -4.11	28.19 1.43 -1.75	29.87 1.50 -2.41	32.21 1.48 -4.69	34.53 1.62 -6.35	36.66 1.86 -5.22	40.83 2.30 -4.21	42.77 2.16 -6.93	43.51 2.25 -6.68	44.02 2.30 -8.29	45.97 2.29 -13.19	50.98 1.95 -24.64	58.60 2.51 -29.35	57.43 2.66 -26.52	54.20 1.91 -29.79	55.22 1.56 -33.17	47.41 1.50 -25.59	43.83 1.58 -19.10	42.72 1.88 -14.70	41.21 1.75 -13.40
GLENWOOD___4 23550	36.29 1.66 -8.65	31.43 1.60 -4.07	27.76 1.58 -0.31	27.63 1.38 -2.81	29.00 1.34 -4.11	28.32 1.55 -1.75	30.05 1.69 -2.41	32.36 1.64 -4.69	34.66 1.78 -6.32	36.75 1.98 -5.19	40.96 2.44 -4.21	42.92 2.32 -6.91	43.66 2.42 -6.65	44.16 2.47 -8.25	46.11 2.47 -13.14	51.01 2.07 -24.55	58.60 2.65 -29.23	57.57 2.80 -26.52	54.34 2.05 -29.79	55.33 1.66 -33.17	47.51 1.61 -25.59	43.95 1.69 -19.11	42.83 1.99 -14.70	41.31 1.85 -13.40
GLENWOOD___5 23614	36.29 1.66 -8.65	31.43 1.60 -4.07	27.76 1.58 -0.31	27.63 1.38 -2.81	29.00 1.34 -4.11	28.32 1.55 -1.75	30.05 1.69 -2.41	32.36 1.64 -4.69	34.66 1.78 -6.32	36.75 1.98 -5.19	40.96 2.44 -4.21	42.92 2.32 -6.91	43.66 2.42 -6.65	44.16 2.47 -8.25	46.11 2.47 -13.14	51.01 2.07 -24.55	58.60 2.65 -29.23	57.57 2.80 -26.52	54.34 2.05 -29.79	55.33 1.66 -33.17	47.51 1.61 -25.59	43.95 1.69 -19.11	42.83 1.99 -14.70	41.31 1.85 -13.40
GLOBAL GREEN_PORT_GT1 23814	38.29 3.66 -8.64	33.52 3.68 -4.07	29.80 3.62 -0.31	29.46 3.21 -2.81	30.82 3.16 -4.11	30.30 3.53 -1.75	31.95 3.58 -2.41	34.13 3.41 -4.69	36.58 3.67 -6.35	39.17 4.38 -5.22	43.98 5.46 -4.21	45.96 5.36 -6.93	46.70 5.43 -6.68	46.87 5.15 -8.29	48.57 4.88 -13.19	53.15 4.12 -24.64	61.11 5.02 -29.36	69.36 5.34 -35.76	72.64 4.10 -46.04	57.19 3.48 -33.20	53.47 3.27 -29.88	47.04 3.61 -20.27	45.72 4.26 -15.31	43.50 4.04 -13.40
GLOBE___DSASP 323697	25.18 -0.96 -0.16	24.42 -1.34 0.00	24.42 -1.50 -0.05	22.70 -1.17 -0.43	22.98 -1.20 -0.63	23.82 -1.20 0.00	24.32 -1.43 0.21	25.02 -1.43 -0.42	25.63 -1.46 -0.53	28.28 -1.66 -0.36	31.07 -1.85 1.40	31.45 -1.65 0.58	32.60 -1.90 0.09	32.33 -1.97 -0.87	30.90 -1.43 -1.83	27.55 -0.29 -3.45	31.05 -0.56 -4.88	32.39 -0.62 -4.75	27.66 -0.20 -5.36	25.73 -0.14 -5.37	24.96 0.04 -4.61	25.25 -0.28 -2.37	25.94 -0.94 -0.74	25.52 -0.81 -0.26
GOETHSLN___LBMP 323567	28.14 1.14 -1.02	26.84 1.08 0.00	27.19 1.01 -0.31	27.10 0.87 -2.79	28.48 0.82 -4.11	26.07 1.05 0.00	29.56 1.19 -2.41	31.97 1.25 -4.69	30.86 1.35 -2.94	31.53 1.54 -0.41	31.50 1.82 4.64	31.95 1.72 3.45	33.09 1.83 3.33	42.36 1.91 -7.03	42.61 1.95 -10.16	45.18 1.66 -19.13	56.05 2.27 -27.05	57.06 2.40 -26.39	53.91 1.67 -29.74	51.61 1.29 -29.82	47.11 1.22 -25.58	37.54 1.23 -13.16	31.82 1.57 -4.11	28.95 1.43 -1.46
GOLAH___69_KV_TB 1_2 80279	25.82 -0.29 -0.12	25.40 -0.36 0.00	25.28 -0.62 -0.04	23.29 -0.49 -0.34	23.58 -0.47 -0.50	24.75 -0.28 0.00	25.25 -0.36 0.34	25.99 -0.29 -0.24	26.66 -0.19 -0.28	29.47 -0.27 -0.15	32.68 -0.14 1.50	32.94 0.03 0.78	34.28 0.00 0.31	33.92 -0.13 -0.62	32.07 0.06 -1.51	27.85 0.61 -2.85	31.26 0.51 -4.03	32.78 0.59 -3.92	27.51 0.59 -4.42	25.50 0.57 -4.43	24.73 0.61 -3.80	25.57 0.46 -1.96	26.70 -0.05 -0.61	26.22 -0.05 -0.22
GOODYEAR_LAKE_HYD 323669	28.19 1.07 -1.14	26.74 0.98 0.00	27.25 1.03 -0.35	27.49 0.91 -3.13	29.13 0.97 -4.62	26.05 1.03 0.00	29.76 1.12 -2.68	32.61 1.28 -5.30	34.99 1.25 -7.17	36.89 1.42 -5.89	35.71 1.68 0.29	39.09 1.72 -3.69	41.56 1.69 -5.27	43.15 1.70 -8.01	43.87 1.74 -11.64	47.94 1.63 -21.91	59.52 1.82 -30.98	60.00 1.87 -29.88	57.70 1.53 -33.67	55.63 1.37 -33.75	50.61 1.34 -28.95	39.39 1.34 -14.90	32.10 1.31 -4.65	28.88 1.17 -1.65
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	26.52 0.18 -0.36	25.81 0.05 0.00	25.98 0.00 -0.11	24.42 0.00 -0.98	25.02 0.02 -1.44	25.15 0.13 0.00	26.61 0.03 -0.63	27.72 0.13 -1.55	28.76 0.11 -2.08	31.38 0.12 -1.68	33.93 0.21 0.60	34.77 0.34 -0.75	36.22 0.28 -1.35	36.16 0.30 -2.43	34.79 0.55 -3.75	32.30 0.85 -7.05	37.58 0.88 -9.97	38.81 0.82 -9.73	34.26 0.81 -10.94	32.23 0.76 -10.97	30.50 0.77 -9.41	28.69 0.69 -4.84	28.07 0.42 -1.51	26.94 0.34 -0.54
GOUDEY___7 23579	26.54 0.21 -0.36	25.84 0.08 0.00	26.00 0.03 -0.11	24.44 0.02 -0.98	25.04 0.05 -1.44	25.17 0.15 0.00	26.64 0.05 -0.63	27.74 0.16 -1.55	28.78 0.13 -2.08	31.44 0.18 -1.68	33.96 0.24 0.60	34.80 0.37 -0.75	36.29 0.35 -1.35	36.20 0.33 -2.43	34.85 0.61 -3.75	32.35 0.90 -7.05	37.61 0.91 -9.97	38.87 0.88 -9.73	34.30 0.86 -10.94	32.27 0.80 -10.97	30.54 0.81 -9.41	28.71 0.72 -4.84	28.10 0.44 -1.51	26.96 0.36 -0.54
GOUDEY___8 23580	26.52 0.18 -0.36	25.81 0.05 0.00	25.98 0.00 -0.11	24.42 0.00 -0.98	25.02 0.02 -1.44	25.15 0.13 0.00	26.61 0.03 -0.63	27.72 0.13 -1.55	28.76 0.11 -2.08	31.38 0.12 -1.68	33.93 0.21 0.60	34.77 0.34 -0.75	36.22 0.28 -1.35	36.16 0.30 -2.43	34.79 0.55 -3.75	32.30 0.85 -7.05	37.58 0.88 -9.97	38.81 0.82 -9.73	34.26 0.81 -10.94	32.23 0.76 -10.97	30.50 0.77 -9.41	28.69 0.69 -4.84	28.07 0.42 -1.51	26.94 0.34 -0.54
GOWANUS_GT1_1 24077	28.54 1.53 -1.02	27.26 1.49 -0.01	27.60 1.42 -0.31	27.42 1.20 -2.79	28.81 1.15 -4.11	26.40 1.38 0.00	29.79 1.43 -2.41	32.21 1.48 -4.69	34.47 1.59 -6.31	36.57 1.80 -5.19	36.34 2.16 0.14	39.02 2.02 -3.32	41.41 2.14 -4.68	42.66 2.21 -7.03	42.95 2.29 -10.16	45.43 1.90 -19.13	56.46 2.67 -27.06	57.48 2.83 -26.39	54.18 1.94 -29.74	51.88 1.56 -29.82	47.32 1.42 -25.58	37.82 1.50 -13.16	32.21 1.96 -4.11	29.29 1.77 -1.46
GOWANUS_GT1_2 24078	28.54 1.53 -1.02	27.26 1.49 -0.01	27.60 1.42 -0.31	27.42 1.20 -2.79	28.81 1.15 -4.11	26.40 1.38 0.00	29.79 1.43 -2.41	32.21 1.48 -4.69	34.47 1.59 -6.31	36.57 1.80 -5.19	36.34 2.16 0.14	39.02 2.02 -3.32	41.41 2.14 -4.68	42.66 2.21 -7.03	42.95 2.29 -10.16	45.43 1.90 -19.13	56.46 2.67 -27.06	57.48 2.83 -26.39	54.18 1.94 -29.74	51.88 1.56 -29.82	47.32 1.42 -25.58	37.82 1.50 -13.16	32.21 1.96 -4.11	29.29 1.77 -1.46

GOWANUS_GT1_3 24079	28.54 1.53 -1.02	27.26 1.49 -0.01	27.60 1.42 -0.31	27.42 1.20 -2.79	28.81 1.15 -4.11	26.40 1.38 0.00	29.79 1.43 -2.41	32.21 1.48 -4.69	34.47 1.59 -6.31	36.57 1.80 -5.19	36.34 2.16 0.14	39.02 2.02 -3.32	41.41 2.14 -4.68	42.66 2.21 -7.03	42.95 2.29 -10.16	45.43 1.90 -19.13	56.46 2.67 -27.06	57.48 2.83 -26.39	54.18 1.94 -29.74	51.88 1.56 -29.82	47.32 1.42 -25.58	37.82 1.50 -13.16	32.21 1.96 -4.11	29.29 1.77 -1.46
GOWANUS_GT1_4 24080	28.54 1.53 -1.02	27.26 1.49 -0.01	27.60 1.42 -0.31	27.42 1.20 -2.79	28.81 1.15 -4.11	26.40 1.38 0.00	29.79 1.43 -2.41	32.21 1.48 -4.69	34.47 1.59 -6.31	36.57 1.80 -5.19	36.34 2.16 0.14	39.02 2.02 -3.32	41.41 2.14 -4.68	42.66 2.21 -7.03	42.95 2.29 -10.16	45.43 1.90 -19.13	56.46 2.67 -27.06	57.48 2.83 -26.39	54.18 1.94 -29.74	51.88 1.56 -29.82	47.32 1.42 -25.58	37.82 1.50 -13.16	32.21 1.96 -4.11	29.29 1.77 -1.46
GOWANUS_GT1_5 24084	28.54 1.53 -1.02	27.26 1.49 -0.01	27.60 1.42 -0.31	27.42 1.20 -2.79	28.81 1.15 -4.11	26.40 1.38 0.00	29.79 1.43 -2.41	32.21 1.48 -4.69	34.47 1.59 -6.31	36.57 1.80 -5.19	36.34 2.16 0.14	39.02 2.02 -3.32	41.41 2.14 -4.68	42.66 2.21 -7.03	42.95 2.29 -10.16	45.43 1.90 -19.13	56.46 2.67 -27.06	57.48 2.83 -26.39	54.18 1.94 -29.74	51.88 1.56 -29.82	47.32 1.42 -25.58	37.82 1.50 -13.16	32.21 1.96 -4.11	29.29 1.77 -1.46
GOWANUS_GT1_6 24111	28.54 1.53 -1.02	27.26 1.49 -0.01	27.60 1.42 -0.31	27.42 1.20 -2.79	28.81 1.15 -4.11	26.40 1.38 0.00	29.79 1.43 -2.41	32.21 1.48 -4.69	34.47 1.59 -6.31	36.57 1.80 -5.19	36.34 2.16 0.14	39.02 2.02 -3.32	41.41 2.14 -4.68	42.66 2.21 -7.03	42.95 2.29 -10.16	45.43 1.90 -19.13	56.46 2.67 -27.06	57.48 2.83 -26.39	54.18 1.94 -29.74	51.88 1.56 -29.82	47.32 1.42 -25.58	37.82 1.50 -13.16	32.21 1.96 -4.11	29.29 1.77 -1.46
GOWANUS_GT1_7 24112	28.54 1.53 -1.02	27.26 1.49 -0.01	27.60 1.42 -0.31	27.42 1.20 -2.79	28.81 1.15 -4.11	26.40 1.38 0.00	29.79 1.43 -2.41	32.21 1.48 -4.69	34.47 1.59 -6.31	36.57 1.80 -5.19	36.34 2.16 0.14	39.02 2.02 -3.32	41.41 2.14 -4.68	42.66 2.21 -7.03	42.95 2.29 -10.16	45.43 1.90 -19.13	56.46 2.67 -27.06	57.48 2.83 -26.39	54.18 1.94 -29.74	51.88 1.56 -29.82	47.32 1.42 -25.58	37.82 1.50 -13.16	32.21 1.96 -4.11	29.29 1.77 -1.46
GOWANUS_GT1_8 24113	28.54 1.53 -1.02	27.26 1.49 -0.01	27.60 1.42 -0.31	27.42 1.20 -2.79	28.81 1.15 -4.11	26.40 1.38 0.00	29.79 1.43 -2.41	32.21 1.48 -4.69	34.47 1.59 -6.31	36.57 1.80 -5.19	36.34 2.16 0.14	39.02 2.02 -3.32	41.41 2.14 -4.68	42.66 2.21 -7.03	42.95 2.29 -10.16	45.43 1.90 -19.13	56.46 2.67 -27.06	57.48 2.83 -26.39	54.18 1.94 -29.74	51.88 1.56 -29.82	47.32 1.42 -25.58	37.82 1.50 -13.16	32.21 1.96 -4.11	29.29 1.77 -1.46
GOWANUS_GT2_1 24114	28.74 1.74 -1.02	27.29 1.52 -0.01	27.63 1.45 -0.31	27.42 1.19 -2.79	28.81 1.15 -4.11	26.45 1.43 0.00	29.79 1.43 -2.41	32.20 1.48 -4.69	34.53 1.62 -6.34	36.69 1.89 -5.21	36.44 2.26 0.14	39.03 2.02 -3.33	41.44 2.15 -4.70	42.70 2.21 -7.06	43.00 2.29 -10.21	45.52 1.90 -19.22	56.59 2.67 -27.18	57.48 2.83 -26.39	54.18 1.94 -29.74	51.88 1.56 -29.82	47.32 1.42 -25.58	37.82 1.50 -13.16	32.21 1.96 -4.11	29.34 1.82 -1.46
GOWANUS_GT2_2 24115	28.74 1.74 -1.02	27.29 1.52 -0.01	27.63 1.45 -0.31	27.42 1.19 -2.79	28.81 1.15 -4.11	26.45 1.43 0.00	29.79 1.43 -2.41	32.20 1.48 -4.69	34.53 1.62 -6.34	36.69 1.89 -5.21	36.44 2.26 0.14	39.03 2.02 -3.33	41.44 2.15 -4.70	42.70 2.21 -7.06	43.00 2.29 -10.21	45.52 1.90 -19.22	56.59 2.67 -27.18	57.48 2.83 -26.39	54.18 1.94 -29.74	51.88 1.56 -29.82	47.32 1.42 -25.58	37.82 1.50 -13.16	32.21 1.96 -4.11	29.34 1.82 -1.46
GOWANUS_GT2_3 24116	28.74 1.74 -1.02	27.29 1.52 -0.01	27.63 1.45 -0.31	27.42 1.19 -2.79	28.81 1.15 -4.11	26.45 1.43 0.00	29.79 1.43 -2.41	32.20 1.48 -4.69	34.53 1.62 -6.34	36.69 1.89 -5.21	36.44 2.26 0.14	39.03 2.02 -3.33	41.44 2.15 -4.70	42.70 2.21 -7.06	43.00 2.29 -10.21	45.52 1.90 -19.22	56.59 2.67 -27.18	57.48 2.83 -26.39	54.18 1.94 -29.74	51.88 1.56 -29.82	47.32 1.42 -25.58	37.82 1.50 -13.16	32.21 1.96 -4.11	29.34 1.82 -1.46
GOWANUS_GT2_4 24117	28.74 1.74 -1.02	27.29 1.52 -0.01	27.63 1.45 -0.31	27.42 1.19 -2.79	28.81 1.15 -4.11	26.45 1.43 0.00	29.79 1.43 -2.41	32.20 1.48 -4.69	34.53 1.62 -6.34	36.69 1.89 -5.21	36.44 2.26 0.14	39.03 2.02 -3.33	41.44 2.15 -4.70	42.70 2.21 -7.06	43.00 2.29 -10.21	45.52 1.90 -19.22	56.59 2.67 -27.18	57.48 2.83 -26.39	54.18 1.94 -29.74	51.88 1.56 -29.82	47.32 1.42 -25.58	37.82 1.50 -13.16	32.21 1.96 -4.11	29.34 1.82 -1.46
GOWANUS_GT2_5 24118	28.74 1.74 -1.02	27.29 1.52 -0.01	27.63 1.45 -0.31	27.42 1.19 -2.79	28.81 1.15 -4.11	26.45 1.43 0.00	29.79 1.43 -2.41	32.20 1.48 -4.69	34.53 1.62 -6.34	36.69 1.89 -5.21	36.44 2.26 0.14	39.03 2.02 -3.33	41.44 2.15 -4.70	42.70 2.21 -7.06	43.00 2.29 -10.21	45.52 1.90 -19.22	56.59 2.67 -27.18	57.48 2.83 -26.39	54.18 1.94 -29.74	51.88 1.56 -29.82	47.32 1.42 -25.58	37.82 1.50 -13.16	32.21 1.96 -4.11	29.34 1.82 -1.46
GOWANUS_GT2_6 24119	28.74 1.74 -1.02	27.29 1.52 -0.01	27.63 1.45 -0.31	27.42 1.19 -2.79	28.81 1.15 -4.11	26.45 1.43 0.00	29.79 1.43 -2.41	32.20 1.48 -4.69	34.53 1.62 -6.34	36.69 1.89 -5.21	36.44 2.26 0.14	39.03 2.02 -3.33	41.44 2.15 -4.70	42.70 2.21 -7.06	43.00 2.29 -10.21	45.52 1.90 -19.22	56.59 2.67 -27.18	57.48 2.83 -26.39	54.18 1.94 -29.74	51.88 1.56 -29.82	47.32 1.42 -25.58	37.82 1.50 -13.16	32.21 1.96 -4.11	29.34 1.82 -1.46
GOWANUS_GT2_7 24120	28.74 1.74 -1.02	27.29 1.52 -0.01	27.63 1.45 -0.31	27.42 1.19 -2.79	28.81 1.15 -4.11	26.45 1.43 0.00	29.79 1.43 -2.41	32.20 1.48 -4.69	34.53 1.62 -6.34	36.69 1.89 -5.21	36.44 2.26 0.14	39.03 2.02 -3.33	41.44 2.15 -4.70	42.70 2.21 -7.06	43.00 2.29 -10.21	45.52 1.90 -19.22	56.59 2.67 -27.18	57.48 2.83 -26.39	54.18 1.94 -29.74	51.88 1.56 -29.82	47.32 1.42 -25.58	37.82 1.50 -13.16	32.21 1.96 -4.11	29.34 1.82 -1.46
GOWANUS_GT2_8 24121	28.74 1.74 -1.02	27.29 1.52 -0.01	27.63 1.45 -0.31	27.42 1.19 -2.79	28.81 1.15 -4.11	26.45 1.43 0.00	29.79 1.43 -2.41	32.20 1.48 -4.69	34.53 1.62 -6.34	36.69 1.89 -5.21	36.44 2.26 0.14	39.03 2.02 -3.33	41.44 2.15 -4.70	42.70 2.21 -7.06	43.00 2.29 -10.21	45.52 1.90 -19.22	56.59 2.67 -27.18	57.48 2.83 -26.39	54.18 1.94 -29.74	51.88 1.56 -29.82	47.32 1.42 -25.58	37.82 1.50 -13.16	32.21 1.96 -4.11	29.34 1.82 -1.46
GOWANUS_GT3_1 24122	28.74 1.74 -1.02	27.29 1.52 -0.01	27.63 1.45 -0.31	27.42 1.19 -2.79	28.81 1.15 -4.11	26.45 1.43 0.00	29.79 1.43 -2.41	32.20 1.48 -4.69	34.53 1.62 -6.34	36.69 1.89 -5.21	36.44 2.26 0.14	39.03 2.02 -3.33	41.44 2.15 -4.70	42.70 2.21 -7.06	43.00 2.29 -10.21	45.52 1.90 -19.22	56.59 2.67 -27.18	57.48 2.83 -26.39	54.18 1.94 -29.74	51.88 1.56 -29.82	47.32 1.42 -25.58	37.82 1.50 -13.16	32.21 1.96 -4.11	29.34 1.82 -1.46

GOWANUS_GT3_2 24123	28.74 1.74 -1.02	27.29 1.52 -0.01	27.63 1.45 -0.31	27.42 1.19 -2.79	28.81 1.15 -4.11	26.45 1.43 0.00	29.79 1.43 -2.41	32.20 1.48 -4.69	34.53 1.62 -6.34	36.69 1.89 -5.21	36.44 2.26 0.14	39.03 2.02 -3.33	41.44 2.15 -4.70	42.70 2.21 -7.06	43.00 2.29 -10.21	45.52 1.90 -19.22	56.59 2.67 -27.18	57.48 2.83 -26.39	54.18 1.94 -29.74	51.88 1.56 -29.82	47.32 1.42 -25.58	37.82 1.50 -13.16	32.21 1.96 -4.11	29.34 1.82 -1.46
GOWANUS_GT3_3 24124	28.74 1.74 -1.02	27.29 1.52 -0.01	27.63 1.45 -0.31	27.42 1.19 -2.79	28.81 1.15 -4.11	26.45 1.43 0.00	29.79 1.43 -2.41	32.20 1.48 -4.69	34.53 1.62 -6.34	36.69 1.89 -5.21	36.44 2.26 0.14	39.03 2.02 -3.33	41.44 2.15 -4.70	42.70 2.21 -7.06	43.00 2.29 -10.21	45.52 1.90 -19.22	56.59 2.67 -27.18	57.48 2.83 -26.39	54.18 1.94 -29.74	51.88 1.56 -29.82	47.32 1.42 -25.58	37.82 1.50 -13.16	32.21 1.96 -4.11	29.34 1.82 -1.46
GOWANUS_GT3_4 24125	28.74 1.74 -1.02	27.29 1.52 -0.01	27.63 1.45 -0.31	27.42 1.19 -2.79	28.81 1.15 -4.11	26.45 1.43 0.00	29.79 1.43 -2.41	32.20 1.48 -4.69	34.53 1.62 -6.34	36.69 1.89 -5.21	36.44 2.26 0.14	39.03 2.02 -3.33	41.44 2.15 -4.70	42.70 2.21 -7.06	43.00 2.29 -10.21	45.52 1.90 -19.22	56.59 2.67 -27.18	57.48 2.83 -26.39	54.18 1.94 -29.74	51.88 1.56 -29.82	47.32 1.42 -25.58	37.82 1.50 -13.16	32.21 1.96 -4.11	29.34 1.82 -1.46
GOWANUS_GT3_5 24126	28.74 1.74 -1.02	27.29 1.52 -0.01	27.63 1.45 -0.31	27.42 1.19 -2.79	28.81 1.15 -4.11	26.45 1.43 0.00	29.79 1.43 -2.41	32.20 1.48 -4.69	34.53 1.62 -6.34	36.69 1.89 -5.21	36.44 2.26 0.14	39.03 2.02 -3.33	41.44 2.15 -4.70	42.70 2.21 -7.06	43.00 2.29 -10.21	45.52 1.90 -19.22	56.59 2.67 -27.18	57.48 2.83 -26.39	54.18 1.94 -29.74	51.88 1.56 -29.82	47.32 1.42 -25.58	37.82 1.50 -13.16	32.21 1.96 -4.11	29.34 1.82 -1.46
GOWANUS_GT3_6 24127	28.74 1.74 -1.02	27.29 1.52 -0.01	27.63 1.45 -0.31	27.42 1.19 -2.79	28.81 1.15 -4.11	26.45 1.43 0.00	29.79 1.43 -2.41	32.20 1.48 -4.69	34.53 1.62 -6.34	36.69 1.89 -5.21	36.44 2.26 0.14	39.03 2.02 -3.33	41.44 2.15 -4.70	42.70 2.21 -7.06	43.00 2.29 -10.21	45.52 1.90 -19.22	56.59 2.67 -27.18	57.48 2.83 -26.39	54.18 1.94 -29.74	51.88 1.56 -29.82	47.32 1.42 -25.58	37.82 1.50 -13.16	32.21 1.96 -4.11	29.34 1.82 -1.46
GOWANUS_GT3_7 24128	28.74 1.74 -1.02	27.29 1.52 -0.01	27.63 1.45 -0.31	27.42 1.19 -2.79	28.81 1.15 -4.11	26.45 1.43 0.00	29.79 1.43 -2.41	32.20 1.48 -4.69	34.53 1.62 -6.34	36.69 1.89 -5.21	36.44 2.26 0.14	39.03 2.02 -3.33	41.44 2.15 -4.70	42.70 2.21 -7.06	43.00 2.29 -10.21	45.52 1.90 -19.22	56.59 2.67 -27.18	57.48 2.83 -26.39	54.18 1.94 -29.74	51.88 1.56 -29.82	47.32 1.42 -25.58	37.82 1.50 -13.16	32.21 1.96 -4.11	29.34 1.82 -1.46
GOWANUS_GT3_8 24129	28.74 1.74 -1.02	27.29 1.52 -0.01	27.63 1.45 -0.31	27.42 1.19 -2.79	28.81 1.15 -4.11	26.45 1.43 0.00	29.79 1.43 -2.41	32.20 1.48 -4.69	34.53 1.62 -6.34	36.69 1.89 -5.21	36.44 2.26 0.14	39.03 2.02 -3.33	41.44 2.15 -4.70	42.70 2.21 -7.06	43.00 2.29 -10.21	45.52 1.90 -19.22	56.59 2.67 -27.18	57.48 2.83 -26.39	54.18 1.94 -29.74	51.88 1.56 -29.82	47.32 1.42 -25.58	37.82 1.50 -13.16	32.21 1.96 -4.11	29.34 1.82 -1.46
GOWANUS_GT4_1 24130	28.54 1.53 -1.02	27.26 1.49 -0.01	27.60 1.42 -0.31	27.42 1.20 -2.79	28.81 1.15 -4.11	26.40 1.38 0.00	29.79 1.43 -2.41	32.21 1.48 -4.69	34.47 1.59 -6.31	36.57 1.80 -5.19	36.34 2.16 0.14	39.02 2.02 -3.32	41.41 2.14 -4.68	42.66 2.21 -7.03	42.95 2.29 -10.16	45.43 1.90 -19.13	56.46 2.67 -27.06	57.48 2.83 -26.39	54.18 1.94 -29.74	51.88 1.56 -29.82	47.32 1.42 -25.58	37.82 1.50 -13.16	32.21 1.96 -4.11	29.29 1.77 -1.46
GOWANUS_GT4_2 24131	28.54 1.53 -1.02	27.26 1.49 -0.01	27.60 1.42 -0.31	27.42 1.20 -2.79	28.81 1.15 -4.11	26.40 1.38 0.00	29.79 1.43 -2.41	32.21 1.48 -4.69	34.47 1.59 -6.31	36.57 1.80 -5.19	36.34 2.16 0.14	39.02 2.02 -3.32	41.41 2.14 -4.68	42.66 2.21 -7.03	42.95 2.29 -10.16	45.43 1.90 -19.13	56.46 2.67 -27.06	57.48 2.83 -26.39	54.18 1.94 -29.74	51.88 1.56 -29.82	47.32 1.42 -25.58	37.82 1.50 -13.16	32.21 1.96 -4.11	29.29 1.77 -1.46
GOWANUS_GT4_3 24132	28.54 1.53 -1.02	27.26 1.49 -0.01	27.60 1.42 -0.31	27.42 1.20 -2.79	28.81 1.15 -4.11	26.40 1.38 0.00	29.79 1.43 -2.41	32.21 1.48 -4.69	34.47 1.59 -6.31	36.57 1.80 -5.19	36.34 2.16 0.14	39.02 2.02 -3.32	41.41 2.14 -4.68	42.66 2.21 -7.03	42.95 2.29 -10.16	45.43 1.90 -19.13	56.46 2.67 -27.06	57.48 2.83 -26.39	54.18 1.94 -29.74	51.88 1.56 -29.82	47.32 1.42 -25.58	37.82 1.50 -13.16	32.21 1.96 -4.11	29.29 1.77 -1.46
GOWANUS_GT4_4 24133	28.54 1.53 -1.02	27.26 1.49 -0.01	27.60 1.42 -0.31	27.42 1.20 -2.79	28.81 1.15 -4.11	26.40 1.38 0.00	29.79 1.43 -2.41	32.21 1.48 -4.69	34.47 1.59 -6.31	36.57 1.80 -5.19	36.34 2.16 0.14	39.02 2.02 -3.32	41.41 2.14 -4.68	42.66 2.21 -7.03	42.95 2.29 -10.16	45.43 1.90 -19.13	56.46 2.67 -27.06	57.48 2.83 -26.39	54.18 1.94 -29.74	51.88 1.56 -29.82	47.32 1.42 -25.58	37.82 1.50 -13.16	32.21 1.96 -4.11	29.29 1.77 -1.46
GOWANUS_GT4_5 24134	28.54 1.53 -1.02	27.26 1.49 -0.01	27.60 1.42 -0.31	27.42 1.20 -2.79	28.81 1.15 -4.11	26.40 1.38 0.00	29.79 1.43 -2.41	32.21 1.48 -4.69	34.47 1.59 -6.31	36.57 1.80 -5.19	36.34 2.16 0.14	39.02 2.02 -3.32	41.41 2.14 -4.68	42.66 2.21 -7.03	42.95 2.29 -10.16	45.43 1.90 -19.13	56.46 2.67 -27.06	57.48 2.83 -26.39	54.18 1.94 -29.74	51.88 1.56 -29.82	47.32 1.42 -25.58	37.82 1.50 -13.16	32.21 1.96 -4.11	29.29 1.77 -1.46
GOWANUS_GT4_6 24135	28.54 1.53 -1.02	27.26 1.49 -0.01	27.60 1.42 -0.31	27.42 1.20 -2.79	28.81 1.15 -4.11	26.40 1.38 0.00	29.79 1.43 -2.41	32.21 1.48 -4.69	34.47 1.59 -6.31	36.57 1.80 -5.19	36.34 2.16 0.14	39.02 2.02 -3.32	41.41 2.14 -4.68	42.66 2.21 -7.03	42.95 2.29 -10.16	45.43 1.90 -19.13	56.46 2.67 -27.06	57.48 2.83 -26.39	54.18 1.94 -29.74	51.88 1.56 -29.82	47.32 1.42 -25.58	37.82 1.50 -13.16	32.21 1.96 -4.11	29.29 1.77 -1.46
GOWANUS_GT4_7 24136	28.54 1.53 -1.02	27.26 1.49 -0.01	27.60 1.42 -0.31	27.42 1.20 -2.79	28.81 1.15 -4.11	26.40 1.38 0.00	29.79 1.43 -2.41	32.21 1.48 -4.69	34.47 1.59 -6.31	36.57 1.80 -5.19	36.34 2.16 0.14	39.02 2.02 -3.32	41.41 2.14 -4.68	42.66 2.21 -7.03	42.95 2.29 -10.16	45.43 1.90 -19.13	56.46 2.67 -27.06	57.48 2.83 -26.39	54.18 1.94 -29.74	51.88 1.56 -29.82	47.32 1.42 -25.58	37.82 1.50 -13.16	32.21 1.96 -4.11	29.29 1.77 -1.46
GOWANUS_GT4_8 24137	28.54 1.53 -1.02	27.26 1.49 -0.01	27.60 1.42 -0.31	27.42 1.20 -2.79	28.81 1.15 -4.11	26.40 1.38 0.00	29.79 1.43 -2.41	32.21 1.48 -4.69	34.47 1.59 -6.31	36.57 1.80 -5.19	36.34 2.16 0.14	39.02 2.02 -3.32	41.41 2.14 -4.68	42.66 2.21 -7.03	42.95 2.29 -10.16	45.43 1.90 -19.13	56.46 2.67 -27.06	57.48 2.83 -26.39	54.18 1.94 -29.74	51.88 1.56 -29.82	47.32 1.42 -25.58	37.82 1.50 -13.16	32.21 1.96 -4.11	29.29 1.77 -1.46

GREENBSH_115KV_TB3 55895	28.92 0.91 -2.03	26.74 0.98 0.00	27.47 0.98 -0.62	29.89 0.87 -5.58	32.63 0.85 -8.23	25.92 0.90 0.00	31.70 0.88 -4.86	27.66 0.91 -0.72	27.01 0.88 0.43	27.05 0.98 3.51	29.34 1.13 6.12	29.36 1.08 5.40	31.32 1.14 4.41	32.94 1.07 1.56	33.96 1.04 -2.43	26.40 0.80 -1.21	52.96 0.83 -25.40	82.15 0.82 -53.07	82.91 0.61 -59.80	80.99 0.53 -59.96	72.27 0.53 -51.43	50.19 0.58 -26.46	35.08 0.68 -8.26	29.69 0.70 -2.93
GREENDGE_115KV_TB5 80291	26.37 0.18 -0.21	25.74 -0.03 0.00	25.72 -0.21 -0.06	23.85 -0.16 -0.57	24.27 -0.12 -0.84	25.15 0.13 0.00	26.14 0.08 -0.11	27.05 0.23 -0.78	27.77 0.19 -1.02	30.55 0.18 -0.79	33.70 0.34 0.97	34.17 0.54 0.04	35.33 0.31 -0.43	35.06 0.30 -1.33	33.54 0.73 -2.31	29.94 1.20 -4.36	34.01 1.12 -6.16	35.32 1.05 -6.01	30.50 1.24 -6.76	28.44 1.17 -6.78	27.31 1.18 -5.81	27.16 1.02 -2.99	27.57 0.50 -0.93	26.78 0.39 -0.33
GREENIDGE___3 23582	26.37 0.18 -0.21	25.74 -0.03 0.00	25.72 -0.21 -0.06	23.85 -0.16 -0.57	24.27 -0.12 -0.84	25.15 0.13 0.00	26.14 0.08 -0.11	27.05 0.23 -0.78	27.77 0.19 -1.02	30.55 0.18 -0.79	33.70 0.34 0.97	34.17 0.54 0.04	35.33 0.31 -0.43	35.06 0.30 -1.33	33.54 0.73 -2.31	29.94 1.20 -4.36	34.01 1.12 -6.16	35.32 1.05 -6.01	30.50 1.24 -6.76	28.44 1.17 -6.78	27.31 1.18 -5.81	27.16 1.02 -2.99	27.57 0.50 -0.93	26.78 0.39 -0.33
GREENIDGE___4 23583	26.47 0.29 -0.21	25.86 0.10 0.00	25.85 -0.08 -0.06	23.85 -0.16 -0.57	24.27 -0.12 -0.84	25.07 0.05 0.00	26.14 0.08 -0.11	27.09 0.29 -0.77	27.77 0.19 -1.02	30.55 0.18 -0.79	33.66 0.31 0.97	34.17 0.54 0.05	35.33 0.31 -0.43	35.06 0.30 -1.33	33.54 0.73 -2.31	29.93 1.19 -4.35	34.00 1.12 -6.15	35.32 1.05 -6.01	30.50 1.24 -6.76	28.44 1.17 -6.78	27.31 1.18 -5.81	27.16 1.02 -2.99	27.57 0.50 -0.93	26.78 0.39 -0.33
GREENLWN_69_KV_BK 3 55738	36.52 1.90 -8.65	31.72 1.88 -4.07	28.04 1.86 -0.31	27.87 1.62 -2.81	29.26 1.60 -4.11	28.57 1.80 -1.75	30.26 1.89 -2.41	32.44 1.72 -4.69	34.77 1.89 -6.32	37.11 2.34 -5.19	41.38 2.85 -4.21	43.32 2.73 -6.91	44.08 2.84 -6.66	44.53 2.84 -8.26	46.42 2.78 -13.14	51.29 2.34 -24.55	58.90 2.94 -29.23	56.12 3.08 -24.78	51.46 2.23 -26.73	55.51 1.84 -33.17	46.92 1.83 -24.78	44.05 1.97 -18.92	43.15 2.40 -14.60	41.70 2.24 -13.40
GREENWD_138_KV_38B11_REV_LBMP_J 345004	28.54 1.53 -1.02	27.26 1.49 -0.01	27.60 1.42 -0.31	27.42 1.20 -2.79	28.81 1.15 -4.11	26.40 1.38 0.00	29.79 1.43 -2.41	32.21 1.48 -4.69	34.47 1.59 -6.31	36.57 1.80 -5.19	36.34 2.16 0.14	39.02 2.02 -3.32	41.41 2.14 -4.68	42.66 2.21 -7.03	42.95 2.29 -10.16	45.43 1.90 -19.13	56.46 2.67 -27.06	57.48 2.83 -26.39	54.18 1.94 -29.74	51.88 1.56 -29.82	47.32 1.42 -25.58	37.82 1.50 -13.16	32.21 1.96 -4.11	29.29 1.77 -1.46
GRISSOM___SOLAR 323813	31.98 3.22 -2.77	28.34 2.58 0.00	29.30 2.59 -0.85	33.44 2.39 -7.61	37.22 2.45 -11.23	27.55 2.53 0.00	35.85 3.11 -6.79	42.16 3.07 -13.05	47.24 3.00 -17.68	47.17 3.05 -14.54	37.59 3.43 0.16	46.62 3.50 -9.44	51.27 3.49 -13.19	56.43 3.37 -19.63	62.00 3.23 -28.27	80.59 2.95 -53.25	105.50 3.50 -75.27	104.32 3.76 -72.29	107.32 3.35 -81.46	105.37 3.20 -81.68	93.61 3.23 -70.06	62.81 3.61 -36.04	41.10 3.71 -11.25	33.65 3.60 -3.99
GROVEVILLE___HYD 323602	28.49 1.48 -1.03	27.23 1.47 0.00	27.63 1.45 -0.31	27.53 1.27 -2.82	28.93 1.22 -4.16	26.37 1.35 0.00	29.95 1.56 -2.44	32.47 1.67 -4.77	34.78 1.78 -6.43	36.88 2.01 -5.29	36.48 2.30 0.14	39.25 2.19 -3.38	41.61 2.25 -4.77	42.83 2.24 -7.16	43.02 2.17 -10.35	45.76 1.88 -19.50	56.67 2.38 -27.57	57.68 2.52 -26.91	54.67 1.85 -30.32	52.42 1.52 -30.40	47.87 1.48 -26.07	38.17 1.60 -13.41	32.13 1.80 -4.19	29.21 1.67 -1.48
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	25.95 -0.13 -0.10	25.53 -0.23 0.00	25.61 -0.28 -0.03	23.41 -0.30 -0.27	23.69 -0.26 -0.39	24.85 -0.18 0.00	25.81 -0.21 -0.07	26.35 -0.10 -0.42	26.99 -0.13 -0.55	29.89 -0.12 -0.43	33.83 0.00 0.49	33.78 0.10 0.00	34.90 0.07 -0.25	34.25 0.10 -0.72	31.95 0.21 -1.24	27.18 0.46 -2.33	30.42 0.40 -3.29	31.91 0.40 -3.25	26.52 0.41 -3.61	24.55 0.43 -3.62	23.85 0.43 -3.11	25.03 0.28 -1.60	26.61 -0.03 -0.50	26.16 -0.08 -0.18
HAMLTNNY_34_KV_TB 80303	25.98 -0.10 -0.11	25.61 -0.15 0.00	25.69 -0.21 -0.03	23.52 -0.21 -0.29	23.81 -0.16 -0.43	24.95 -0.08 0.00	25.92 -0.13 -0.10	26.47 -0.03 -0.46	27.15 -0.03 -0.61	30.03 -0.03 -0.48	33.96 0.10 0.47	33.96 0.24 -0.05	35.10 0.21 -0.30	34.44 0.23 -0.78	32.15 0.34 -1.31	27.47 0.61 -2.47	30.76 0.53 -3.50	32.28 0.57 -3.45	26.88 0.54 -3.84	24.90 0.55 -3.85	24.17 0.55 -3.30	25.24 0.39 -1.70	26.75 0.08 -0.53	26.25 0.00 -0.19
HAMPSHIRE___PAPER_HYD 323593	26.45 0.47 0.00	26.15 0.39 0.00	26.23 0.36 0.00	23.82 0.37 0.00	23.95 0.40 0.00	25.49 0.47 0.00	26.40 0.44 0.00	26.53 0.49 0.00	26.97 0.40 0.00	29.95 0.44 0.08	34.41 0.27 0.18	33.79 0.27 0.15	34.71 0.24 0.12	33.41 0.03 0.05	30.44 -0.06 0.00	19.34 -0.37 4.68	19.52 -0.48 6.72	17.64 -0.57 10.06	15.16 -0.36 6.99	13.55 -0.27 6.68	14.22 -0.26 5.83	23.13 -0.02 0.00	26.38 0.23 0.00	26.32 0.26 0.00
HARDSCRABBLE_WT_PWR 323673	26.06 0.08 0.00	25.66 -0.10 0.00	25.74 -0.13 0.00	23.30 -0.14 0.00	23.41 -0.14 0.00	24.87 -0.15 0.00	25.96 0.08 0.07	26.15 0.16 0.05	26.61 0.11 0.07	29.69 0.18 0.07	34.41 0.24 0.16	33.78 0.24 0.13	34.69 0.21 0.11	33.52 0.13 0.04	30.62 0.12 0.00	25.06 0.17 -0.50	27.64 0.19 -0.72	29.51 0.14 -1.11	23.31 0.05 -0.77	21.17 -0.06 -0.73	20.84 -0.12 -0.64	22.97 -0.19 0.00	25.88 -0.26 0.00	25.77 -0.29 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	28.15 1.22 -0.95	26.87 1.11 0.00	27.25 1.09 -0.29	27.00 0.94 -2.62	28.30 0.89 -3.86	26.07 1.05 0.00	29.46 1.25 -2.26	31.70 1.28 -4.39	33.89 1.41 -5.92	36.07 1.63 -4.86	36.03 1.85 0.15	38.53 1.75 -3.10	40.81 1.83 -4.38	41.86 1.84 -6.59	41.83 1.80 -9.54	43.96 1.61 -17.96	54.20 2.08 -25.39	55.24 2.20 -24.77	52.01 1.60 -27.91	49.78 1.29 -27.99	45.56 1.24 -24.01	36.82 1.32 -12.35	31.54 1.54 -3.86	28.81 1.38 -1.37
HARSNRAD_115KV_TB1 81005	25.46 -0.68 -0.15	24.99 -0.77 0.00	24.67 -1.24 -0.05	22.90 -0.96 -0.42	23.21 -0.97 -0.62	24.37 -0.65 0.00	24.75 -0.99 0.22	25.45 -0.99 -0.41	26.15 -0.93 -0.51	28.80 -1.12 -0.35	31.68 -1.24 1.40	32.11 -0.98 0.59	33.31 -1.18 0.10	33.05 -1.24 -0.85	31.60 -0.70 -1.81	28.13 0.34 -3.40	31.62 0.08 -4.81	32.97 0.03 -4.68	28.14 0.36 -5.28	26.14 0.35 -5.29	25.40 0.55 -4.54	25.79 0.30 -2.33	26.48 -0.39 -0.73	25.95 -0.36 -0.26
HARZA MOOSE___RIVER 24016	26.66 0.68 0.00	26.22 0.46 0.00	26.31 0.44 0.00	23.82 0.38 0.00	23.97 0.42 0.00	25.57 0.55 0.00	26.58 0.73 0.10	26.85 0.89 0.07	27.21 0.74 0.10	30.32 0.86 0.12	35.04 1.00 0.28	34.48 1.04 0.24	35.44 1.04 0.19	34.32 0.97 0.08	31.41 0.91 0.00	24.32 0.85 0.92	26.28 0.88 1.33	27.21 0.88 1.93	21.94 0.79 1.35	19.97 0.76 1.29	19.90 0.71 1.12	23.89 0.74 0.00	26.85 0.71 0.00	26.66 0.60 0.00

HDSNBRDG_115KV_BRDG_TB1 355580	25.68 -0.39 -0.09	25.30 -0.46 0.00	25.38 -0.52 -0.03	23.21 -0.47 -0.24	23.45 -0.45 -0.35	24.62 -0.40 0.00	25.34 -0.47 0.15	25.91 -0.36 -0.24	26.49 -0.37 -0.30	29.39 -0.38 -0.20	33.06 -0.34 0.91	33.04 -0.24 0.40	34.25 -0.24 0.09	33.71 -0.23 -0.51	31.52 -0.09 -1.12	26.71 0.22 -2.11	29.84 0.13 -2.98	31.33 0.14 -2.92	25.97 0.20 -3.27	24.04 0.27 -3.28	23.39 0.26 -2.81	24.69 0.09 -1.45	26.38 -0.21 -0.45	25.96 -0.26 -0.16
HELLGATE_13_KV_LD 55870	28.46 1.45 -1.02	27.16 1.39 -0.01	27.50 1.32 -0.31	27.38 1.15 -2.79	28.77 1.11 -4.11	26.35 1.33 0.00	29.77 1.40 -2.41	32.18 1.46 -4.69	34.42 1.54 -6.31	36.51 1.75 -5.19	36.27 2.09 0.14	38.98 1.99 -3.32	41.38 2.11 -4.68	42.63 2.17 -7.03	42.88 2.23 -10.16	45.38 1.85 -19.13	56.33 2.54 -27.06	57.34 2.68 -26.39	54.09 1.85 -29.74	51.80 1.48 -29.82	47.24 1.34 -25.58	37.75 1.44 -13.16	32.13 1.88 -4.11	29.21 1.69 -1.46
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	28.46 1.45 -1.02	27.16 1.39 -0.01	27.50 1.32 -0.31	27.38 1.15 -2.79	28.77 1.11 -4.11	26.35 1.33 0.00	29.77 1.40 -2.41	32.18 1.46 -4.69	34.42 1.54 -6.31	36.51 1.75 -5.19	36.27 2.09 0.14	38.98 1.99 -3.32	41.38 2.11 -4.68	42.63 2.17 -7.03	42.88 2.23 -10.16	45.38 1.85 -19.13	56.33 2.54 -27.06	57.34 2.68 -26.39	54.09 1.85 -29.74	51.80 1.48 -29.82	47.24 1.34 -25.58	37.75 1.44 -13.16	32.13 1.88 -4.11	29.21 1.69 -1.46
HEMPSTEAD____ 23647	36.42 1.79 -8.65	31.49 1.65 -4.07	27.84 1.66 -0.31	27.66 1.41 -2.81	29.03 1.37 -4.11	28.37 1.60 -1.75	30.03 1.66 -2.41	32.26 1.54 -4.69	34.59 1.67 -6.35	36.78 1.98 -5.22	41.00 2.47 -4.21	42.90 2.29 -6.93	43.65 2.38 -6.68	44.12 2.41 -8.29	46.09 2.41 -13.19	51.08 2.05 -24.64	58.71 2.62 -29.36	57.55 2.77 -26.52	54.29 2.00 -29.79	55.31 1.64 -33.17	47.49 1.59 -25.59	43.95 1.69 -19.11	42.88 2.04 -14.70	41.36 1.90 -13.40
HEWLETT__69_KV_BK3 55828	36.57 1.95 -8.65	31.72 1.88 -4.07	28.02 1.84 -0.31	27.87 1.62 -2.81	29.24 1.58 -4.11	28.54 1.78 -1.75	30.26 1.89 -2.41	32.47 1.74 -4.69	34.79 1.91 -6.32	37.14 2.37 -5.19	41.03 2.51 -4.21	43.02 2.42 -6.91	43.77 2.52 -6.65	44.26 2.57 -8.25	46.17 2.53 -13.14	51.09 2.15 -24.55	58.66 2.70 -29.23	57.63 2.85 -26.52	54.38 2.09 -29.79	55.41 1.74 -33.17	47.59 1.69 -25.59	44.03 1.78 -19.10	43.03 2.20 -14.70	41.50 2.03 -13.40
HICKLING___1 23621	26.54 0.29 -0.27	25.89 0.13 0.00	25.90 -0.05 -0.08	24.18 0.00 -0.74	24.69 0.05 -1.09	25.30 0.28 0.00	26.29 0.03 -0.31	27.31 0.18 -1.09	28.15 0.13 -1.45	30.91 0.18 -1.15	33.79 0.31 0.84	34.48 0.54 -0.26	35.83 0.45 -0.79	35.64 0.43 -1.78	34.29 0.88 -2.90	31.27 1.41 -5.47	35.85 1.39 -7.73	37.08 1.27 -7.54	32.32 1.33 -8.49	30.26 1.25 -8.51	28.92 1.30 -7.30	28.07 1.16 -3.75	27.99 0.68 -1.17	27.05 0.57 -0.42
HICKLING___2 23622	26.54 0.29 -0.27	25.89 0.13 0.00	25.90 -0.05 -0.08	24.18 0.00 -0.74	24.69 0.05 -1.09	25.30 0.28 0.00	26.29 0.03 -0.31	27.31 0.18 -1.09	28.15 0.13 -1.45	30.91 0.18 -1.15	33.79 0.31 0.84	34.48 0.54 -0.26	35.83 0.45 -0.79	35.64 0.43 -1.78	34.29 0.88 -2.90	31.27 1.41 -5.47	35.85 1.39 -7.73	37.08 1.27 -7.54	32.32 1.33 -8.49	30.26 1.25 -8.51	28.92 1.30 -7.30	28.07 1.16 -3.75	27.99 0.68 -1.17	27.05 0.57 -0.42
HIGH FALLS___HY 23754	28.25 1.17 -1.10	26.82 1.06 0.00	27.21 1.01 -0.34	27.33 0.87 -3.02	28.82 0.82 -4.45	25.97 0.95 0.00	29.75 1.19 -2.60	31.49 1.30 -4.15	33.38 1.38 -5.43	35.20 1.51 -4.12	35.22 1.72 0.82	37.54 1.58 -2.27	39.79 1.63 -3.57	41.03 1.67 -5.93	41.27 1.68 -9.10	42.69 1.54 -16.76	55.22 2.17 -26.33	59.40 2.37 -28.77	56.67 1.76 -32.42	54.42 1.41 -32.50	49.56 1.36 -27.88	38.93 1.44 -14.34	32.26 1.65 -4.48	29.11 1.46 -1.59
HILLBURN___GT 23639	28.22 1.27 -0.97	26.76 1.00 0.00	27.12 0.96 -0.30	26.92 0.82 -2.65	28.24 0.78 -3.91	25.97 0.95 0.00	29.41 1.17 -2.29	31.69 1.20 -4.46	33.93 1.33 -6.04	36.08 1.54 -4.96	35.99 1.82 0.15	38.53 1.68 -3.17	40.79 1.73 -4.47	41.92 1.77 -6.72	42.02 1.80 -9.72	44.28 1.58 -18.31	54.67 2.06 -25.88	55.56 2.18 -25.13	52.37 1.55 -28.31	50.12 1.23 -28.39	45.86 1.20 -24.35	36.93 1.25 -12.53	31.54 1.49 -3.91	28.80 1.35 -1.39
HILLSIDE_115KV_TB1 80332	26.08 -0.18 -0.28	25.43 -0.33 0.00	25.46 -0.49 -0.09	23.81 -0.40 -0.77	24.30 -0.38 -1.13	24.80 -0.23 0.00	25.84 -0.47 -0.35	26.84 -0.34 -1.14	27.72 -0.37 -1.52	30.38 -0.41 -1.21	33.10 -0.41 0.81	33.80 -0.20 -0.32	35.14 -0.31 -0.86	34.98 -0.30 -1.85	33.71 0.21 -3.00	30.82 0.78 -5.65	35.46 0.75 -7.99	36.62 0.57 -7.79	32.03 0.77 -8.77	30.01 0.72 -8.79	28.63 0.77 -7.54	27.63 0.60 -3.88	27.53 0.18 -1.21	26.57 0.08 -0.43
HISHELDN_WT_PWR 323625	26.01 -0.15 -0.19	25.50 -0.26 0.00	25.30 -0.62 -0.06	23.34 -0.61 -0.51	23.67 -0.63 -0.75	24.52 -0.50 0.00	25.13 -0.75 0.07	26.03 -0.60 -0.59	26.67 -0.66 -0.77	29.38 -0.77 -0.57	32.14 -0.93 1.25	32.78 -0.54 0.36	33.97 -0.76 -0.14	33.77 -0.77 -1.11	32.49 -0.12 -2.12	29.11 0.73 -3.99	32.92 0.56 -5.63	34.14 0.40 -5.48	29.42 0.74 -6.18	27.37 0.68 -6.20	26.46 0.83 -5.31	26.53 0.65 -2.73	26.99 0.00 -0.85	26.34 -0.03 -0.30
HOLTSVILLE_IC_1 23690	36.88 2.26 -8.64	32.08 2.24 -4.07	28.35 2.17 -0.31	28.15 1.90 -2.81	29.52 1.86 -4.11	28.92 2.15 -1.75	30.52 2.15 -2.41	32.60 1.88 -4.69	34.96 2.05 -6.35	37.28 2.49 -5.22	41.62 3.09 -4.21	43.57 2.96 -6.93	44.32 3.04 -6.68	44.63 2.91 -8.29	46.53 2.84 -13.19	51.45 2.42 -24.64	59.14 3.05 -29.36	67.12 3.25 -35.61	70.68 2.41 -45.77	55.71 2.01 -33.20	52.03 1.91 -29.81	45.51 2.11 -20.25	44.03 2.59 -15.30	41.96 2.50 -13.40
HOLTSVILLE_IC_10 23699	37.07 2.44 -8.64	32.28 2.45 -4.07	28.59 2.41 -0.31	28.33 2.09 -2.81	29.71 2.05 -4.11	29.12 2.35 -1.75	30.70 2.34 -2.41	32.78 2.06 -4.69	35.14 2.23 -6.35	37.51 2.72 -5.22	41.93 3.40 -4.21	43.91 3.30 -6.93	44.66 3.39 -6.68	44.96 3.24 -8.29	46.83 3.14 -13.19	51.71 2.68 -24.64	59.40 3.31 -29.36	67.98 3.53 -36.19	71.95 2.65 -46.80	55.92 2.21 -33.21	52.53 2.13 -30.08	45.82 2.34 -20.33	44.33 2.85 -15.34	42.17 2.71 -13.40
HOLTSVILLE_IC_2 23691	36.88 2.26 -8.64	32.08 2.24 -4.07	28.35 2.17 -0.31	28.15 1.90 -2.81	29.52 1.86 -4.11	28.92 2.15 -1.75	30.52 2.15 -2.41	32.60 1.88 -4.69	34.96 2.05 -6.35	37.28 2.49 -5.22	41.62 3.09 -4.21	43.57 2.96 -6.93	44.32 3.04 -6.68	44.63 2.91 -8.29	46.53 2.84 -13.19	51.45 2.42 -24.64	59.14 3.05 -29.36	67.12 3.25 -35.61	70.68 2.41 -45.77	55.71 2.01 -33.20	52.03 1.91 -29.81	45.51 2.11 -20.25	44.03 2.59 -15.30	41.96 2.50 -13.40
HOLTSVILLE_IC_3 23692	36.88 2.26 -8.64	32.08 2.24 -4.07	28.35 2.17 -0.31	28.15 1.90 -2.81	29.52 1.86 -4.11	28.92 2.15 -1.75	30.52 2.15 -2.41	32.60 1.88 -4.69	34.96 2.05 -6.35	37.28 2.49 -5.22	41.62 3.09 -4.21	43.57 2.96 -6.93	44.32 3.04 -6.68	44.63 2.91 -8.29	46.53 2.84 -13.19	51.45 2.42 -24.64	59.14 3.05 -29.36	67.12 3.25 -35.61	70.68 2.41 -45.77	55.71 2.01 -33.20	52.03 1.91 -29.81	45.51 2.11 -20.25	44.03 2.59 -15.30	41.96 2.50 -13.40

HOLTSVILLE_IC_4 23693	36.88 2.26 -8.64	32.08 2.24 -4.07	28.35 2.17 -0.31	28.15 1.90 -2.81	29.52 1.86 -4.11	28.92 2.15 -1.75	30.52 2.15 -2.41	32.60 1.88 -4.69	34.96 2.05 -6.35	37.28 2.49 -5.22	41.62 3.09 -4.21	43.57 2.96 -6.93	44.32 3.04 -6.68	44.63 2.91 -8.29	46.53 2.84 -13.19	51.45 2.42 -24.64	59.14 3.05 -29.36	67.12 3.25 -35.61	70.68 2.41 -45.77	55.71 2.01 -33.20	52.03 1.91 -29.81	45.51 2.11 -20.25	44.03 2.59 -15.30	41.96 2.50 -13.40
HOLTSVILLE_IC_5 23694	36.88 2.26 -8.64	32.08 2.24 -4.07	28.35 2.17 -0.31	28.15 1.90 -2.81	29.52 1.86 -4.11	28.92 2.15 -1.75	30.52 2.15 -2.41	32.60 1.88 -4.69	34.96 2.05 -6.35	37.28 2.49 -5.22	41.62 3.09 -4.21	43.57 2.96 -6.93	44.32 3.04 -6.68	44.63 2.91 -8.29	46.53 2.84 -13.19	51.45 2.42 -24.64	59.14 3.05 -29.36	67.12 3.25 -35.61	70.68 2.41 -45.77	55.71 2.01 -33.20	52.03 1.91 -29.81	45.51 2.11 -20.25	44.03 2.59 -15.30	41.96 2.50 -13.40
HOLTSVILLE_IC_6 23695	37.07 2.44 -8.64	32.28 2.45 -4.07	28.59 2.41 -0.31	28.33 2.09 -2.81	29.71 2.05 -4.11	29.12 2.35 -1.75	30.70 2.34 -2.41	32.78 2.06 -4.69	35.14 2.23 -6.35	37.51 2.72 -5.22	41.93 3.40 -4.21	43.91 3.30 -6.93	44.66 3.39 -6.68	44.96 3.24 -8.29	46.83 3.14 -13.19	51.71 2.68 -24.64	59.40 3.31 -29.36	67.98 3.53 -36.19	71.95 2.65 -46.80	55.92 2.21 -33.21	52.53 2.13 -30.08	45.82 2.34 -20.33	44.33 2.85 -15.34	42.17 2.71 -13.40
HOLTSVILLE_IC_7 23696	37.07 2.44 -8.64	32.28 2.45 -4.07	28.59 2.41 -0.31	28.33 2.09 -2.81	29.71 2.05 -4.11	29.12 2.35 -1.75	30.70 2.34 -2.41	32.78 2.06 -4.69	35.14 2.23 -6.35	37.51 2.72 -5.22	41.93 3.40 -4.21	43.91 3.30 -6.93	44.66 3.39 -6.68	44.96 3.24 -8.29	46.83 3.14 -13.19	51.71 2.68 -24.64	59.40 3.31 -29.36	67.98 3.53 -36.19	71.95 2.65 -46.80	55.92 2.21 -33.21	52.53 2.13 -30.08	45.82 2.34 -20.33	44.33 2.85 -15.34	42.17 2.71 -13.40
HOLTSVILLE_IC_8 23697	37.07 2.44 -8.64	32.28 2.45 -4.07	28.59 2.41 -0.31	28.33 2.09 -2.81	29.71 2.05 -4.11	29.12 2.35 -1.75	30.70 2.34 -2.41	32.78 2.06 -4.69	35.14 2.23 -6.35	37.51 2.72 -5.22	41.93 3.40 -4.21	43.91 3.30 -6.93	44.66 3.39 -6.68	44.96 3.24 -8.29	46.83 3.14 -13.19	51.71 2.68 -24.64	59.40 3.31 -29.36	67.98 3.53 -36.19	71.95 2.65 -46.80	55.92 2.21 -33.21	52.53 2.13 -30.08	45.82 2.34 -20.33	44.33 2.85 -15.34	42.17 2.71 -13.40
HOLTSVILLE_IC_9 23698	37.07 2.44 -8.64	32.28 2.45 -4.07	28.59 2.41 -0.31	28.33 2.09 -2.81	29.71 2.05 -4.11	29.12 2.35 -1.75	30.70 2.34 -2.41	32.78 2.06 -4.69	35.14 2.23 -6.35	37.51 2.72 -5.22	41.93 3.40 -4.21	43.91 3.30 -6.93	44.66 3.39 -6.68	44.96 3.24 -8.29	46.83 3.14 -13.19	51.71 2.68 -24.64	59.40 3.31 -29.36	67.98 3.53 -36.19	71.95 2.65 -46.80	55.92 2.21 -33.21	52.53 2.13 -30.08	45.82 2.34 -20.33	44.33 2.85 -15.34	42.17 2.71 -13.40
HOMER_HL_115KV_TB2 355744	25.81 -0.36 -0.20	25.19 -0.57 0.00	25.02 -0.91 -0.06	23.33 -0.66 -0.54	23.67 -0.68 -0.80	24.62 -0.40 0.00	24.58 -1.35 0.02	25.52 -1.17 -0.66	26.25 -1.17 -0.86	28.92 -1.30 -0.64	31.64 -1.48 1.21	32.25 -1.15 0.28	33.39 -1.42 -0.22	33.32 -1.30 -1.20	32.72 0.00 -2.22	29.50 0.93 -4.18	33.41 0.78 -5.91	34.13 0.11 -5.76	29.82 0.83 -6.49	27.74 0.74 -6.50	26.79 0.89 -5.58	26.74 0.72 -2.87	27.11 0.08 -0.90	26.35 -0.03 -0.32
HOWARD_WT_PWR 323690	26.72 0.52 -0.22	26.12 0.36 0.00	25.99 0.05 -0.07	24.00 -0.05 -0.61	24.42 -0.02 -0.90	25.22 0.20 0.00	26.12 0.05 -0.11	27.11 0.26 -0.82	27.72 0.08 -1.08	30.44 0.03 -0.84	33.33 0.03 1.03	34.00 0.37 0.05	35.22 0.17 -0.45	35.01 0.17 -1.41	33.68 0.73 -2.45	30.39 1.39 -4.61	34.59 1.34 -6.52	35.83 1.21 -6.35	31.08 1.42 -7.15	28.99 1.31 -7.17	27.87 1.40 -6.15	27.57 1.25 -3.17	27.73 0.60 -0.99	26.90 0.49 -0.35
HQ_GEN_CEDARS 23644	26.32 0.34 0.00	26.04 0.28 0.00	26.15 0.28 0.00	23.75 0.30 0.00	23.86 0.31 0.00	25.30 0.28 0.00	26.14 0.18 0.00	26.16 0.13 0.00	26.70 0.13 0.00	29.73 0.15 0.00	34.12 -0.21 0.00	33.38 -0.30 0.00	34.28 -0.31 0.00	33.03 -0.40 0.00	29.95 -0.55 0.00	15.26 -1.24 7.88	14.02 -1.39 11.32	9.70 -1.47 17.10	9.48 -1.17 11.85	8.10 -1.07 11.33	9.39 -1.04 9.89	22.64 -0.51 0.00	26.04 -0.10 0.00	26.06 0.00 0.00
HQ_GEN_CEDARS_PROXY 323590	26.21 0.23 0.00	25.97 0.21 0.00	26.10 0.23 0.00	23.75 0.30 0.00	23.86 0.31 0.00	25.30 0.28 0.00	26.14 0.18 0.00	26.17 0.13 0.00	26.70 0.13 0.00	29.73 0.15 0.00	34.12 -0.20 0.00	33.38 -0.30 0.00	34.28 -0.31 0.00	33.03 -0.40 0.00	29.95 -0.55 0.00	15.26 -1.24 7.88	14.02 -1.39 11.32	9.70 -1.47 17.10	9.48 -1.17 11.85	8.10 -1.07 11.33	7.41 -1.04 11.87	24.62 -0.51 -1.97	26.04 -0.10 0.00	26.06 0.00 0.00
HQ_GEN_IMPORT 323601	25.80 -0.18 0.00	25.63 -0.13 0.00	25.76 -0.10 0.00	23.40 -0.05 0.00	23.50 -0.05 0.00	24.95 -0.07 0.00	25.80 -0.15 0.00	25.80 -0.23 0.00	26.35 -0.21 0.00	29.31 -0.27 0.00	33.94 -0.38 0.00	33.28 -0.40 0.00	34.17 -0.41 0.00	32.99 -0.44 0.00	29.95 -0.55 0.00	22.09 -0.68 1.62	23.69 -0.72 2.32	23.99 -0.76 3.51	19.44 -0.63 2.43	17.60 -0.57 2.32	15.77 -0.55 4.00	24.66 -0.46 -1.97	25.80 -0.34 0.00	25.80 -0.26 0.00
HQ_GEN_WHEEL 23651	25.80 -0.18 0.00	25.63 -0.13 0.00	25.76 -0.10 0.00	23.40 -0.05 0.00	23.50 -0.05 0.00	24.95 -0.07 0.00	25.80 -0.15 0.00	25.80 -0.23 0.00	26.35 -0.21 0.00	29.31 -0.27 0.00	33.94 -0.38 0.00	33.28 -0.40 0.00	34.17 -0.41 0.00	32.99 -0.44 0.00	29.95 -0.55 0.00	22.09 -0.68 1.62	23.69 -0.72 2.32	23.99 -0.76 3.51	19.44 -0.63 2.43	17.60 -0.57 2.32	15.77 -0.55 4.00	24.66 -0.46 -1.97	25.80 -0.34 0.00	25.80 -0.26 0.00
HUDSON_AVE_GT_3 23810	28.32 1.33 -1.02	27.02 1.26 0.00	27.39 1.22 -0.31	27.26 1.03 -2.79	28.67 1.01 -4.11	26.25 1.23 0.00	29.74 1.38 -2.41	32.18 1.46 -4.69	34.45 1.57 -6.31	36.57 1.80 -5.19	36.30 2.13 0.14	39.02 2.02 -3.32	41.38 2.11 -4.68	42.63 2.17 -7.03	42.85 2.20 -10.16	45.38 1.85 -19.13	56.26 2.49 -27.05	57.31 2.66 -26.39	54.09 1.85 -29.74	51.80 1.48 -29.82	47.30 1.40 -25.58	37.75 1.44 -13.16	32.03 1.78 -4.11	29.13 1.62 -1.46
HUDSON_AVE_GT_4 23540	28.32 1.33 -1.02	27.02 1.26 0.00	27.39 1.22 -0.31	27.26 1.03 -2.79	28.67 1.01 -4.11	26.25 1.23 0.00	29.74 1.38 -2.41	32.18 1.46 -4.69	34.45 1.57 -6.31	36.57 1.80 -5.19	36.30 2.13 0.14	39.02 2.02 -3.32	41.38 2.11 -4.68	42.63 2.17 -7.03	42.85 2.20 -10.16	45.38 1.85 -19.13	56.26 2.49 -27.05	57.31 2.66 -26.39	54.09 1.85 -29.74	51.80 1.48 -29.82	47.30 1.40 -25.58	37.75 1.44 -13.16	32.03 1.78 -4.11	29.13 1.62 -1.46
HUDSON_AVE_GT_5 23657	28.32 1.33 -1.02	27.02 1.26 0.00	27.39 1.22 -0.31	27.26 1.03 -2.79	28.67 1.01 -4.11	26.25 1.23 0.00	29.74 1.38 -2.41	32.18 1.46 -4.69	34.45 1.57 -6.31	36.57 1.80 -5.19	36.30 2.13 0.14	39.02 2.02 -3.32	41.38 2.11 -4.68	42.63 2.17 -7.03	42.85 2.20 -10.16	45.38 1.85 -19.13	56.26 2.49 -27.05	57.31 2.66 -26.39	54.09 1.85 -29.74	51.80 1.48 -29.82	47.30 1.40 -25.58	37.75 1.44 -13.16	32.03 1.78 -4.11	29.13 1.62 -1.46

HUDSON_AVE_10 24168	28.27 1.27 -1.02	26.97 1.21 0.00	27.32 1.14 -0.31	27.21 0.98 -2.79	28.60 0.94 -4.11	26.20 1.18 0.00	29.71 1.35 -2.41	32.13 1.41 -4.69	34.42 1.54 -6.31	36.51 1.75 -5.19	36.17 1.99 0.14	38.88 1.89 -3.32	41.28 2.01 -4.68	42.53 2.07 -7.03	42.76 2.10 -10.16	45.30 1.78 -19.13	56.21 2.43 -27.05	57.23 2.57 -26.39	54.02 1.78 -29.74	51.73 1.41 -29.82	47.24 1.34 -25.58	37.68 1.37 -13.16	31.97 1.73 -4.11	29.08 1.56 -1.46
HUDSON___115KV_TB 4 355613	29.30 1.51 -1.81	27.36 1.60 0.00	27.95 1.53 -0.56	29.81 1.38 -4.98	32.26 1.37 -7.34	26.50 1.48 0.00	31.82 1.51 -4.36	29.80 1.69 -2.07	30.07 1.73 -1.78	30.60 1.86 0.84	31.85 1.99 4.46	32.85 1.99 2.81	34.94 2.01 1.65	36.45 1.84 -1.18	37.31 1.71 -5.10	32.74 1.20 -7.16	55.43 1.28 -27.42	76.79 1.16 -47.37	76.80 0.92 -53.38	74.88 0.86 -53.52	67.08 0.85 -45.90	47.77 1.00 -23.62	34.56 1.05 -7.37	29.74 1.07 -2.61
HUNTER MOUNT___DRP 323613	29.30 1.66 -1.66	27.59 1.83 0.00	28.06 1.68 -0.51	29.52 1.52 -4.55	31.77 1.51 -6.71	26.72 1.70 0.00	31.66 1.71 -3.99	30.82 2.03 -2.76	31.57 2.07 -2.93	32.44 2.25 -0.62	33.28 2.44 3.48	34.78 2.46 1.36	36.92 2.46 0.13	38.27 2.21 -2.63	38.95 2.01 -6.44	35.94 1.34 -10.21	56.15 1.50 -27.92	72.77 1.22 -43.29	72.29 1.01 -48.78	70.37 0.96 -48.91	63.24 0.98 -41.95	45.87 1.13 -21.58	34.05 1.18 -6.74	29.62 1.17 -2.39
HUNTINGTON_RES_REC 323705	36.88 2.26 -8.64	32.02 2.19 -4.07	28.32 2.15 -0.31	28.10 1.85 -2.81	29.50 1.84 -4.11	28.87 2.10 -1.75	30.47 2.10 -2.41	32.60 1.88 -4.69	34.96 2.05 -6.35	37.31 2.51 -5.22	41.68 3.16 -4.21	43.64 3.03 -6.93	44.42 3.15 -6.68	44.79 3.07 -8.29	46.71 3.02 -13.19	51.59 2.56 -24.64	59.27 3.18 -29.36	73.49 3.36 -41.87	81.81 2.48 -56.83	55.74 2.07 -33.17	55.14 2.03 -32.79	47.34 2.20 -21.98	44.98 2.64 -16.20	41.96 2.50 -13.40
HUNTLEY___63 23557	25.78 -0.36 -0.16	25.12 -0.64 0.00	24.93 -0.98 -0.05	23.20 -0.68 -0.44	23.47 -0.73 -0.65	24.55 -0.48 0.00	24.96 -0.80 0.19	25.75 -0.73 -0.44	26.41 -0.72 -0.56	29.05 -0.92 -0.39	31.95 -1.00 1.38	32.39 -0.74 0.55	33.56 -0.97 0.06	33.33 -1.00 -0.90	31.91 -0.46 -1.87	28.57 0.66 -3.52	32.16 0.45 -4.98	33.45 0.34 -4.85	28.62 0.65 -5.46	26.55 0.57 -5.48	25.79 0.77 -4.70	26.15 0.58 -2.42	26.79 -0.10 -0.75	26.25 -0.08 -0.27
HUNTLEY___64 23558	25.78 -0.36 -0.16	25.12 -0.64 0.00	24.93 -0.98 -0.05	23.20 -0.68 -0.44	23.47 -0.73 -0.65	24.55 -0.48 0.00	24.96 -0.80 0.19	25.75 -0.73 -0.44	26.41 -0.72 -0.56	29.05 -0.92 -0.39	31.95 -1.00 1.38	32.39 -0.74 0.55	33.56 -0.97 0.06	33.33 -1.00 -0.90	31.91 -0.46 -1.87	28.57 0.66 -3.52	32.16 0.45 -4.98	33.45 0.34 -4.85	28.62 0.65 -5.46	26.55 0.57 -5.48	25.79 0.77 -4.70	26.15 0.58 -2.42	26.79 -0.10 -0.75	26.25 -0.08 -0.27
HUNTLEY___65 23559	25.78 -0.36 -0.16	25.12 -0.64 0.00	24.93 -0.98 -0.05	23.20 -0.68 -0.44	23.47 -0.73 -0.65	24.55 -0.48 0.00	24.96 -0.80 0.19	25.75 -0.73 -0.44	26.41 -0.72 -0.56	29.05 -0.92 -0.39	31.95 -1.00 1.38	32.39 -0.74 0.55	33.56 -0.97 0.06	33.33 -1.00 -0.90	31.91 -0.46 -1.87	28.57 0.66 -3.52	32.16 0.45 -4.98	33.45 0.34 -4.85	28.62 0.65 -5.46	26.55 0.57 -5.48	25.79 0.77 -4.70	26.15 0.58 -2.42	26.79 -0.10 -0.75	26.25 -0.08 -0.27
HUNTLEY___66 23560	25.78 -0.36 -0.16	25.12 -0.64 0.00	24.93 -0.98 -0.05	23.20 -0.68 -0.44	23.47 -0.73 -0.65	24.55 -0.48 0.00	24.96 -0.80 0.19	25.75 -0.73 -0.44	26.41 -0.72 -0.56	29.05 -0.92 -0.39	31.95 -1.00 1.38	32.39 -0.74 0.55	33.56 -0.97 0.06	33.33 -1.00 -0.90	31.91 -0.46 -1.87	28.57 0.66 -3.52	32.16 0.45 -4.98	33.45 0.34 -4.85	28.62 0.65 -5.46	26.55 0.57 -5.48	25.79 0.77 -4.70	26.15 0.58 -2.42	26.79 -0.10 -0.75	26.25 -0.08 -0.27
HUNTLEY___67 23561	25.60 -0.55 -0.16	25.01 -0.75 0.00	24.78 -1.14 -0.05	23.05 -0.84 -0.45	23.34 -0.87 -0.67	24.42 -0.60 0.00	24.85 -0.93 0.17	25.62 -0.89 -0.47	26.31 -0.85 -0.59	28.99 -1.01 -0.42	31.86 -1.10 1.37	32.35 -0.81 0.52	33.52 -1.04 0.03	33.26 -1.10 -0.94	31.92 -0.49 -1.91	28.47 0.49 -3.59	32.08 0.27 -5.08	33.35 0.14 -4.95	28.57 0.50 -5.58	26.56 0.47 -5.59	25.74 0.63 -4.80	26.04 0.42 -2.47	26.65 -0.26 -0.77	26.10 -0.23 -0.27
HUNTLEY___68 23562	25.60 -0.55 -0.16	25.01 -0.75 0.00	24.78 -1.14 -0.05	23.05 -0.84 -0.45	23.34 -0.87 -0.67	24.42 -0.60 0.00	24.85 -0.93 0.17	25.62 -0.89 -0.47	26.31 -0.85 -0.59	28.99 -1.01 -0.42	31.86 -1.10 1.37	32.35 -0.81 0.52	33.52 -1.04 0.03	33.26 -1.10 -0.94	31.92 -0.49 -1.91	28.47 0.49 -3.59	32.08 0.27 -5.08	33.35 0.14 -4.95	28.57 0.50 -5.58	26.56 0.47 -5.59	25.74 0.63 -4.80	26.04 0.42 -2.47	26.65 -0.26 -0.77	26.10 -0.23 -0.27
HYLAND___LFGE 323620	27.20 1.04 -0.18	26.84 1.08 0.00	26.70 0.78 -0.05	24.50 0.56 -0.49	24.89 0.61 -0.72	25.85 0.82 0.00	26.62 0.75 0.09	27.33 0.73 -0.56	26.68 -0.61 -0.73	29.14 -0.98 -0.54	31.22 -1.85 1.24	31.62 -1.68 0.37	32.74 -1.97 -0.12	32.76 -1.74 -1.07	31.60 -0.95 -2.05	28.14 -0.10 -3.85	32.04 0.28 -5.44	33.85 0.28 -5.31	29.56 1.08 -5.98	27.66 1.17 -6.00	26.86 1.40 -5.14	27.07 1.27 -2.65	27.54 0.57 -0.83	26.74 0.39 -0.29
INDECK___CORINTH 23802	31.29 2.34 -2.97	27.95 2.19 0.00	28.95 2.17 -0.91	33.59 1.99 -8.16	37.63 2.05 -12.03	27.10 2.08 0.00	35.65 2.23 -7.47	48.16 2.24 -19.88	56.95 2.42 -27.97	57.42 2.72 -25.12	41.37 2.98 -4.06	55.27 3.06 -18.53	61.30 3.04 -23.67	68.13 2.97 -31.72	75.49 2.50 -42.49	108.82 2.17 -82.26	129.69 2.41 -100.56	108.17 2.40 -77.51	112.00 2.16 -87.34	110.26 2.19 -87.57	97.64 2.21 -75.11	64.30 2.50 -38.64	40.84 2.64 -12.06	32.94 2.61 -4.28
INDECK___ILION 23567	26.11 0.13 0.00	25.79 0.03 0.00	25.87 0.00 0.00	23.44 0.00 0.00	23.55 0.00 0.00	25.05 0.03 0.00	26.09 0.21 0.07	26.25 0.26 0.05	26.71 0.21 0.07	29.78 0.27 0.07	34.51 0.34 0.16	33.88 0.34 0.13	34.83 0.35 0.11	33.72 0.33 0.04	30.80 0.30 0.00	25.21 0.32 -0.50	27.80 0.35 -0.72	29.71 0.34 -1.11	23.52 0.25 -0.77	21.42 0.18 -0.73	21.10 0.14 -0.64	23.27 0.12 0.00	26.25 0.10 0.00	26.11 0.05 0.00
INDECK___OLEAN 23982	25.97 -0.21 -0.20	25.43 -0.34 0.00	25.23 -0.70 -0.06	23.33 -0.66 -0.54	23.66 -0.68 -0.80	24.49 -0.53 0.00	24.58 -1.35 0.02	25.57 -1.12 -0.66	26.25 -1.17 -0.86	28.89 -1.33 -0.64	31.57 -1.54 1.21	32.25 -1.15 0.28	33.39 -1.42 -0.23	33.32 -1.30 -1.20	32.72 0.00 -2.22	29.50 0.93 -4.18	33.42 0.78 -5.91	34.13 0.11 -5.76	29.82 0.83 -6.49	27.74 0.74 -6.50	26.79 0.89 -5.58	26.74 0.72 -2.87	27.11 0.08 -0.90	26.35 -0.03 -0.32
INDECK___OSWEGO 23783	25.43 -0.55 0.00	25.14 -0.62 0.00	25.20 -0.67 0.00	22.81 -0.63 0.00	22.92 -0.63 0.00	24.42 -0.60 0.00	25.89 -0.65 -0.58	26.13 -0.57 -0.67	26.89 -0.61 -0.93	29.73 -0.74 -0.89	34.50 -0.79 -0.96	34.15 -0.67 -1.14	34.96 -0.73 -1.10	33.70 -0.67 -0.93	30.93 -0.52 -0.95	25.97 -0.20 -1.78	28.95 -0.29 -2.52	29.99 -0.25 -1.98	24.75 -0.11 -2.36	22.82 -0.06 -2.38	22.29 -0.06 -2.04	24.17 -0.21 -1.22	26.02 -0.50 -0.38	25.65 -0.55 -0.14



INDECK___YERKES 23781	25.96 -0.18 -0.16	25.43 -0.34 0.00	25.22 -0.70 -0.05	23.20 -0.68 -0.44	23.49 -0.71 -0.65	24.40 -0.62 0.00	24.99 -0.78 0.19	25.83 -0.65 -0.44	26.46 -0.66 -0.56	29.02 -0.95 -0.39	31.84 -1.10 1.38	32.39 -0.74 0.55	33.56 -0.97 0.06	33.33 -1.00 -0.90	31.94 -0.43 -1.87	28.59 0.68 -3.52	32.19 0.48 -4.98	33.48 0.37 -4.85	28.64 0.67 -5.46	26.57 0.59 -5.48	25.81 0.79 -4.70	26.17 0.60 -2.42	26.82 -0.08 -0.75	26.28 -0.05 -0.27
INDIAN POINT_GT_1 24139	28.13 1.14 -1.01	26.87 1.11 0.00	27.26 1.09 -0.31	27.14 0.94 -2.76	28.54 0.92 -4.07	26.10 1.08 0.00	29.56 1.22 -2.38	31.92 1.25 -4.64	34.17 1.35 -6.25	36.28 1.57 -5.13	36.00 1.82 0.14	38.68 1.72 -3.28	41.02 1.80 -4.63	42.22 1.84 -6.96	42.41 1.86 -10.06	44.94 1.61 -18.94	55.61 2.11 -26.77	56.62 2.23 -26.12	53.54 1.60 -29.44	51.28 1.27 -29.52	46.87 1.24 -25.32	37.47 1.30 -13.02	31.72 1.52 -4.07	28.88 1.38 -1.44
INDIAN POINT_GT_2 23659	28.13 1.14 -1.01	26.87 1.11 0.00	27.26 1.09 -0.31	27.14 0.94 -2.76	28.54 0.92 -4.07	26.10 1.08 0.00	29.56 1.22 -2.38	31.92 1.25 -4.64	34.17 1.35 -6.25	36.28 1.57 -5.13	36.00 1.82 0.14	38.68 1.72 -3.28	41.02 1.80 -4.63	42.22 1.84 -6.96	42.41 1.86 -10.06	44.94 1.61 -18.94	55.61 2.11 -26.77	56.62 2.23 -26.12	53.54 1.60 -29.44	51.28 1.27 -29.52	46.87 1.24 -25.32	37.47 1.30 -13.02	31.72 1.52 -4.07	28.88 1.38 -1.44
INDIAN POINT_GT_3 24019	28.13 1.14 -1.01	26.87 1.11 0.00	27.26 1.09 -0.31	27.14 0.94 -2.76	28.54 0.92 -4.07	26.10 1.08 0.00	29.56 1.22 -2.38	31.92 1.25 -4.64	34.17 1.35 -6.25	36.28 1.57 -5.13	36.00 1.82 0.14	38.68 1.72 -3.28	41.02 1.80 -4.63	42.22 1.84 -6.96	42.41 1.86 -10.06	44.94 1.61 -18.94	55.61 2.11 -26.77	56.62 2.23 -26.12	53.54 1.60 -29.44	51.28 1.27 -29.52	46.87 1.24 -25.32	37.47 1.30 -13.02	31.72 1.52 -4.07	28.88 1.38 -1.44
INDIAN POINT___2 23530	28.22 1.25 -0.99	26.87 1.11 0.00	27.23 1.06 -0.30	27.08 0.91 -2.72	28.43 0.87 -4.01	26.07 1.05 0.00	29.47 1.17 -2.35	31.81 1.20 -4.58	34.06 1.30 -6.19	36.18 1.51 -5.09	35.96 1.78 0.15	38.58 1.65 -3.25	40.91 1.73 -4.59	42.09 1.77 -6.89	42.27 1.80 -9.97	44.72 1.56 -18.77	55.30 2.03 -26.54	56.21 2.18 -25.77	53.09 1.55 -29.04	50.84 1.23 -29.11	46.47 1.18 -24.97	37.25 1.25 -12.85	31.64 1.49 -4.01	28.84 1.35 -1.42
INDIAN POINT___3 23531	28.10 1.12 -1.01	26.84 1.08 0.00	27.24 1.06 -0.31	27.14 0.94 -2.76	28.52 0.89 -4.07	26.07 1.05 0.00	29.51 1.17 -2.39	31.87 1.20 -4.64	34.12 1.30 -6.25	36.23 1.51 -5.14	35.96 1.78 0.14	38.61 1.65 -3.28	40.95 1.73 -4.63	42.16 1.77 -6.96	42.36 1.80 -10.06	44.87 1.54 -18.95	55.55 2.03 -26.79	56.55 2.15 -26.14	53.48 1.53 -29.45	51.26 1.23 -29.53	46.82 1.18 -25.33	37.43 1.25 -13.03	31.70 1.49 -4.07	28.86 1.36 -1.44
INGHAM_C_115KV_TB7 356103	26.06 0.08 0.00	25.66 -0.10 0.00	25.74 -0.13 0.00	23.33 -0.12 0.00	23.43 -0.12 0.00	24.90 -0.13 0.00	26.04 0.16 0.07	26.20 0.21 0.05	26.63 0.13 0.07	29.72 0.21 0.07	34.44 0.27 0.16	33.82 0.27 0.13	34.72 0.24 0.11	33.59 0.20 0.04	30.68 0.18 0.00	25.09 0.20 -0.50	27.67 0.21 -0.72	29.56 0.20 -1.11	23.38 0.11 -0.77	21.25 0.02 -0.73	20.92 -0.04 -0.64	23.08 -0.07 0.00	25.98 -0.16 0.00	25.88 -0.18 0.00
IP CORINTH___1 23988	31.21 2.26 -2.97	27.93 2.16 0.00	28.93 2.15 -0.91	33.59 1.99 -8.16	37.63 2.05 -12.03	27.07 2.05 0.00	35.65 2.23 -7.47	48.16 2.24 -19.88	56.99 2.42 -28.01	57.45 2.72 -25.15	41.37 2.99 -4.06	55.29 3.06 -18.55	61.33 3.04 -23.70	68.17 2.98 -31.76	75.55 2.50 -42.55	108.93 2.17 -82.37	129.85 2.41 -100.72	108.17 2.40 -77.51	112.00 2.16 -87.34	110.26 2.19 -87.57	97.64 2.21 -75.11	64.30 2.50 -38.64	40.84 2.64 -12.06	32.94 2.61 -4.28
IP___TICONDEROGA 23804	32.68 3.74 -2.96	29.16 3.40 0.00	30.16 3.39 -0.90	34.74 3.19 -8.11	38.81 3.30 -11.96	28.35 3.33 0.00	37.08 3.69 -7.43	50.19 3.75 -20.41	59.42 4.04 -28.82	60.19 4.58 -26.03	44.02 5.22 -4.48	58.44 5.42 -19.34	64.29 5.12 -24.58	71.15 4.98 -32.74	78.55 4.42 -43.63	112.80 3.78 -84.64	133.17 4.14 -102.30	109.42 4.10 -77.06	112.94 3.60 -86.83	111.07 3.51 -87.06	98.63 3.64 -74.68	65.76 4.19 -38.42	42.55 4.42 -11.99	34.64 4.33 -4.25
ISLIP_RES_REC 323679	37.20 2.57 -8.65	32.41 2.58 -4.07	28.72 2.54 -0.31	28.45 2.20 -2.81	29.83 2.17 -4.11	29.25 2.48 -1.75	30.83 2.47 -2.41	32.93 2.21 -4.69	35.33 2.42 -6.35	37.72 2.93 -5.22	42.20 3.67 -4.21	44.18 3.57 -6.93	44.94 3.66 -6.68	45.23 3.51 -8.29	47.11 3.42 -13.19	51.93 2.90 -24.64	59.67 3.58 -29.36	68.11 3.81 -36.04	71.89 2.86 -46.53	56.11 2.40 -33.21	52.63 2.32 -30.00	45.90 2.52 -20.22	44.46 3.03 -15.28	42.33 2.87 -13.40
JAMAICA___27_KV_LOAD 355505	28.42 1.43 -1.02	27.13 1.37 0.00	27.45 1.27 -0.31	27.31 1.08 -2.79	28.70 1.04 -4.11	26.32 1.30 0.00	29.87 1.51 -2.41	32.28 1.56 -4.69	34.61 1.73 -6.31	36.72 1.95 -5.19	36.27 2.09 0.14	38.98 1.99 -3.32	41.38 2.11 -4.68	42.63 2.17 -7.03	42.85 2.20 -10.16	45.40 1.88 -19.13	56.37 2.59 -27.05	57.40 2.74 -26.39	54.16 1.91 -29.74	51.84 1.52 -29.82	47.36 1.46 -25.58	37.75 1.44 -13.16	32.16 1.91 -4.11	29.26 1.75 -1.46
JANIS___SOLAR 323808	27.59 1.27 -0.34	26.79 1.03 0.00	26.90 0.93 -0.10	25.12 0.75 -0.93	25.74 0.82 -1.36	26.10 1.08 0.00	27.72 1.17 -0.60	28.89 1.38 -1.48	29.62 1.06 -1.99	32.28 1.10 -1.61	34.98 1.23 0.57	35.78 1.38 -0.72	37.20 1.31 -1.29	37.06 1.30 -2.32	35.51 1.43 -3.58	32.79 1.66 -6.74	38.02 1.76 -9.52	39.48 1.95 -9.27	34.77 1.85 -10.43	32.76 1.80 -10.45	31.07 1.79 -8.97	29.48 1.71 -4.61	28.91 1.33 -1.44	27.72 1.15 -0.51
JARVIS____ 23743	26.06 0.08 0.00	25.81 0.05 0.00	25.92 0.05 0.00	23.47 0.02 0.00	23.57 0.02 0.00	25.05 0.03 0.00	26.04 0.16 0.07	26.17 0.18 0.05	26.69 0.19 0.07	29.72 0.21 0.07	34.41 0.24 0.16	33.78 0.24 0.13	34.73 0.24 0.11	33.62 0.24 0.04	30.77 0.27 0.00	25.16 0.27 -0.50	27.75 0.29 -0.72	29.68 0.31 -1.11	23.49 0.22 -0.77	21.42 0.18 -0.73	21.14 0.18 -0.64	23.32 0.16 0.00	26.30 0.16 0.00	26.19 0.13 0.00
JENNISON___1 23625	27.90 1.43 -0.49	26.92 1.16 0.00	27.13 1.11 -0.15	25.74 0.96 -1.34	26.56 1.04 -1.98	26.30 1.28 0.00	28.33 1.38 -1.00	29.90 1.67 -2.20	30.96 1.43 -2.96	33.62 1.63 -2.41	35.78 1.96 0.49	37.02 2.05 -1.29	38.64 2.01 -2.05	38.78 1.97 -3.38	37.63 2.07 -5.06	36.07 2.15 -9.53	42.48 2.27 -13.48	43.68 2.32 -13.10	39.27 2.03 -14.75	37.15 1.87 -14.79	34.83 1.83 -12.68	31.46 1.78 -6.52	29.72 1.54 -2.04	28.11 1.33 -0.72
JENNISON___2 23626	27.90 1.43 -0.49	26.92 1.16 0.00	27.13 1.11 -0.15	25.74 0.96 -1.34	26.56 1.04 -1.98	26.30 1.28 0.00	28.33 1.38 -1.00	29.90 1.67 -2.20	30.96 1.43 -2.96	33.62 1.63 -2.41	35.78 1.96 0.49	37.02 2.05 -1.29	38.64 2.01 -2.05	38.78 1.97 -3.38	37.63 2.07 -5.06	36.07 2.15 -9.53	42.48 2.27 -13.48	43.68 2.32 -13.10	39.27 2.03 -14.75	37.15 1.87 -14.79	34.83 1.83 -12.68	31.46 1.78 -6.52	29.72 1.54 -2.04	28.11 1.33 -0.72

JERICO_RISE_WT_PWR 323719	26.14 0.16 0.00	26.02 0.26 0.00	26.15 0.29 0.00	23.82 0.37 0.00	23.93 0.38 0.00	25.32 0.30 0.00	26.06 0.10 0.00	26.11 0.08 0.00	26.75 0.19 0.00	29.43 -0.15 0.00	33.98 -0.34 0.00	33.14 -0.54 0.00	34.00 -0.59 0.00	32.69 -0.74 0.00	29.61 -0.89 0.00	15.16 -1.15 8.08	13.92 -1.20 11.61	9.40 -1.33 17.54	9.29 -1.06 12.16	7.91 -0.96 11.63	9.40 -0.77 10.15	22.46 -0.69 0.00	25.51 -0.63 0.00	25.51 -0.55 0.00
KATONAH__115KV_46KV_TB4 355592	28.34 1.33 -1.03	27.08 1.31 0.00	27.48 1.29 -0.32	27.39 1.13 -2.82	28.80 1.08 -4.17	26.25 1.23 0.00	29.83 1.43 -2.44	32.28 1.48 -4.76	34.60 1.62 -6.41	36.71 1.86 -5.27	36.34 2.16 0.14	39.07 2.02 -3.37	41.49 2.14 -4.75	42.84 2.27 -7.13	43.07 2.26 -10.31	45.74 1.93 -19.42	56.64 2.46 -27.46	57.65 2.60 -26.79	54.56 1.87 -30.19	52.29 1.52 -30.27	47.76 1.48 -25.96	38.09 1.57 -13.36	32.01 1.70 -4.17	29.08 1.54 -1.48
KCE_NY_1 323755	30.83 1.92 -2.93	27.59 1.83 0.00	28.60 1.84 -0.90	33.15 1.66 -8.04	37.11 1.70 -11.87	26.75 1.73 0.00	35.19 1.84 -7.39	49.00 1.82 -21.14	58.46 1.97 -29.92	59.04 2.22 -27.24	41.93 2.54 -5.06	56.70 2.59 -20.43	62.99 2.60 -25.80	70.03 2.54 -34.07	77.91 2.32 -45.09	114.07 1.97 -87.71	133.29 2.19 -104.37	106.90 2.21 -76.43	110.47 1.85 -86.12	108.59 1.74 -86.35	96.13 1.75 -74.07	63.23 1.97 -38.11	40.15 2.12 -11.89	32.39 2.11 -4.22
KCE_NY_6_ESR 323823	26.05 -0.10 -0.17	25.55 -0.21 0.00	25.30 -0.62 -0.05	23.33 -0.59 -0.47	23.64 -0.61 -0.70	24.54 -0.48 0.00	25.04 -0.78 0.14	25.92 -0.63 -0.51	26.59 -0.64 -0.66	29.28 -0.77 -0.47	32.10 -0.89 1.33	32.71 -0.50 0.46	33.90 -0.73 -0.04	33.70 -0.74 -1.00	32.49 0.00 -1.99	29.06 0.93 -3.74	32.77 0.75 -5.29	33.89 0.48 -5.15	29.16 0.85 -5.80	27.09 0.78 -5.82	26.26 0.96 -4.99	26.51 0.79 -2.57	27.05 0.10 -0.80	26.42 0.08 -0.28
KEDC_PORT_JEFF_GT2 24210	37.01 2.39 -8.64	32.20 2.37 -4.07	28.51 2.33 -0.31	28.29 2.04 -2.81	29.66 2.00 -4.11	29.04 2.28 -1.75	30.65 2.28 -2.41	32.75 2.03 -4.69	35.09 2.18 -6.35	37.46 2.66 -5.22	41.86 3.33 -4.21	43.81 3.20 -6.93	44.59 3.32 -6.68	44.90 3.18 -8.29	46.77 3.08 -13.19	51.67 2.63 -24.64	59.19 3.10 -29.36	68.14 3.31 -36.57	72.45 2.48 -47.47	55.75 2.05 -33.20	52.67 2.09 -30.26	45.92 2.29 -20.47	44.36 2.80 -15.42	42.12 2.66 -13.40
KEDC_PORT_JEFF_GT3 24211	37.01 2.39 -8.64	32.20 2.37 -4.07	28.51 2.33 -0.31	28.29 2.04 -2.81	29.66 2.00 -4.11	29.04 2.28 -1.75	30.65 2.28 -2.41	32.75 2.03 -4.69	35.09 2.18 -6.35	37.46 2.66 -5.22	41.86 3.33 -4.21	43.81 3.20 -6.93	44.59 3.32 -6.68	44.90 3.18 -8.29	46.77 3.08 -13.19	51.67 2.63 -24.64	59.19 3.10 -29.36	68.14 3.31 -36.57	72.45 2.48 -47.47	55.75 2.05 -33.20	52.67 2.09 -30.26	45.92 2.29 -20.47	44.36 2.80 -15.42	42.12 2.66 -13.40
KEDC_GLWD_GT4 24219	36.44 1.82 -8.65	31.49 1.65 -4.07	27.78 1.60 -0.31	27.63 1.38 -2.81	29.00 1.34 -4.11	28.35 1.58 -1.75	30.05 1.69 -2.41	32.34 1.61 -4.69	34.69 1.78 -6.35	36.69 1.89 -5.22	40.89 2.37 -4.21	42.87 2.26 -6.93	43.62 2.35 -6.68	44.09 2.37 -8.29	46.07 2.38 -13.19	51.05 2.02 -24.64	58.68 2.59 -29.36	57.52 2.74 -26.52	54.27 1.98 -29.79	55.27 1.60 -33.17	47.45 1.54 -25.59	43.88 1.62 -19.11	42.75 1.91 -14.70	41.24 1.77 -13.40
KEDC_GLWD_GT5 24220	36.44 1.82 -8.65	31.49 1.65 -4.07	27.78 1.60 -0.31	27.63 1.38 -2.81	29.00 1.34 -4.11	28.35 1.58 -1.75	30.05 1.69 -2.41	32.34 1.61 -4.69	34.69 1.78 -6.35	36.69 1.89 -5.22	40.89 2.37 -4.21	42.87 2.26 -6.93	43.62 2.35 -6.68	44.09 2.37 -8.29	46.07 2.38 -13.19	51.05 2.02 -24.64	58.68 2.59 -29.36	57.52 2.74 -26.52	54.27 1.98 -29.79	55.27 1.60 -33.17	47.45 1.54 -25.59	43.88 1.62 -19.11	42.75 1.91 -14.70	41.24 1.77 -13.40
KENSICO____ 23655	28.24 1.25 -1.01	26.97 1.21 0.00	27.37 1.19 -0.31	27.25 1.03 -2.78	28.64 0.99 -4.10	26.17 1.15 0.00	29.66 1.30 -2.40	32.07 1.35 -4.68	34.33 1.46 -6.30	36.44 1.69 -5.18	36.17 1.99 0.14	38.88 1.89 -3.31	41.23 1.97 -4.67	42.45 2.01 -7.01	42.65 2.01 -10.14	45.22 1.73 -19.09	55.97 2.25 -26.99	57.00 2.40 -26.34	53.89 1.71 -29.68	51.63 1.37 -29.76	47.16 1.32 -25.52	37.67 1.39 -13.13	31.86 1.62 -4.10	29.03 1.51 -1.45
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	28.24 1.25 -1.01	26.89 1.13 0.00	27.26 1.09 -0.31	27.16 0.94 -2.78	28.55 0.89 -4.11	26.05 1.03 0.00	29.63 1.27 -2.40	31.52 1.35 -4.13	33.48 1.46 -5.46	35.45 1.60 -4.27	35.55 1.78 0.56	37.83 1.65 -2.50	40.05 1.69 -3.76	41.14 1.70 -6.01	41.21 1.71 -9.01	42.69 1.56 -16.74	54.14 2.14 -25.28	57.14 2.32 -26.56	54.19 1.76 -29.93	51.94 1.43 -30.01	47.44 1.38 -25.74	37.86 1.46 -13.24	31.92 1.65 -4.13	29.01 1.49 -1.47
KIAC_JFK_GT1 23816	28.30 1.30 -1.02	27.00 1.24 0.00	27.32 1.14 -0.31	27.19 0.96 -2.79	28.60 0.94 -4.11	26.20 1.18 0.00	29.74 1.38 -2.41	32.05 1.33 -4.69	34.34 1.46 -6.31	36.43 1.66 -5.19	35.93 1.75 0.14	38.65 1.65 -3.32	41.03 1.76 -4.68	42.30 1.84 -7.03	42.55 1.89 -10.16	45.13 1.61 -19.13	56.08 2.30 -27.05	57.09 2.43 -26.39	53.91 1.67 -29.74	51.61 1.29 -29.82	47.11 1.22 -25.58	37.49 1.18 -13.16	31.89 1.65 -4.11	29.11 1.59 -1.46
KIAC_JFK_GT2 23817	28.30 1.30 -1.02	27.00 1.24 0.00	27.32 1.14 -0.31	27.19 0.96 -2.79	28.60 0.94 -4.11	26.20 1.18 0.00	29.74 1.38 -2.41	32.05 1.33 -4.69	34.34 1.46 -6.31	36.43 1.66 -5.19	35.93 1.75 0.14	38.65 1.65 -3.32	41.03 1.76 -4.68	42.30 1.84 -7.03	42.55 1.89 -10.16	45.13 1.61 -19.13	56.08 2.30 -27.05	57.09 2.43 -26.39	53.91 1.67 -29.74	51.61 1.29 -29.82	47.11 1.22 -25.58	37.49 1.18 -13.16	31.89 1.65 -4.11	29.11 1.59 -1.46
KIAC_JFK____ 323774	28.48 1.48 -1.02	27.02 1.26 0.00	27.34 1.17 -0.31	27.19 0.96 -2.79	28.60 0.94 -4.11	26.25 1.23 0.00	29.74 1.37 -2.41	32.05 1.33 -4.69	34.37 1.46 -6.34	36.48 1.69 -5.21	35.96 1.78 0.14	38.66 1.65 -3.33	41.05 1.76 -4.70	42.33 1.84 -7.06	42.60 1.89 -10.21	45.22 1.61 -19.22	56.20 2.30 -27.18	57.09 2.43 -26.39	53.91 1.67 -29.74	51.61 1.29 -29.82	47.11 1.22 -25.58	37.49 1.18 -13.16	31.90 1.65 -4.11	29.13 1.62 -1.46
KINTIGH____ 23543	25.50 -0.62 -0.14	24.96 -0.80 0.00	24.82 -1.09 -0.04	22.96 -0.87 -0.38	23.24 -0.87 -0.56	24.35 -0.68 0.00	24.93 -0.73 0.30	25.64 -0.70 -0.31	26.27 -0.66 -0.37	29.01 -0.80 -0.23	31.96 -0.86 1.50	32.35 -0.61 0.73	33.55 -0.80 0.24	33.28 -0.87 -0.72	31.54 -0.61 -1.65	27.75 0.24 -3.12	31.21 0.08 -4.40	32.71 0.17 -4.28	27.63 0.29 -4.83	25.65 0.31 -4.85	24.92 0.45 -4.16	25.50 0.21 -2.14	26.39 -0.42 -0.67	25.91 -0.39 -0.24
KNTFSRNC_46_KV_46KV_LOAD 80397	26.63 0.65 0.00	26.43 0.67 0.00	26.57 0.70 0.00	24.12 0.68 0.00	24.23 0.68 0.00	25.65 0.63 0.00	26.34 0.39 0.00	26.45 0.42 0.00	27.10 0.53 0.00	29.67 0.09 0.00	34.29 -0.03 0.00	33.41 -0.27 0.00	34.28 -0.31 0.00	32.96 -0.47 0.00	29.86 -0.64 0.00	15.27 -0.93 8.19	14.03 -0.94 11.76	9.47 -1.02 17.77	9.37 -0.81 12.32	7.98 -0.74 11.78	9.63 -0.41 10.28	22.83 -0.32 0.00	25.85 -0.29 0.00	25.83 -0.23 0.00

LACHUTE___HYDRO 323717	32.76 3.82 -2.96	29.21 3.45 0.00	30.21 3.44 -0.90	34.74 3.19 -8.11	38.81 3.30 -11.96	28.35 3.33 0.00	37.07 3.68 -7.43	50.19 3.75 -20.41	59.38 4.04 -28.78	60.16 4.58 -26.00	44.01 5.21 -4.48	58.42 5.42 -19.32	64.26 5.12 -24.56	71.11 4.98 -32.70	78.49 4.42 -43.57	112.69 3.78 -84.52	133.01 4.14 -102.14	109.42 4.10 -77.06	112.94 3.60 -86.83	111.07 3.50 -87.06	98.63 3.64 -74.68	65.77 4.19 -38.42	42.55 4.42 -11.99	34.64 4.33 -4.25
LAWRNCV_115KV_TB1 80681	26.40 0.42 0.00	26.10 0.33 0.00	26.20 0.34 0.00	23.77 0.33 0.00	23.90 0.35 0.00	25.35 0.33 0.00	26.21 0.26 0.00	26.30 0.26 0.00	26.81 0.24 0.00	29.82 0.24 0.00	34.18 -0.14 0.00	33.44 -0.24 0.00	34.35 -0.24 0.00	32.93 -0.50 0.00	29.89 -0.61 0.00	16.15 -1.22 7.02	15.24 -1.42 10.08	11.49 -1.58 15.19	10.71 -1.26 10.54	9.30 -1.13 10.07	10.43 -1.10 8.79	22.53 -0.63 0.00	26.01 -0.13 0.00	26.09 0.03 0.00
LEDERLE___ 23769	28.18 1.22 -0.98	26.92 1.16 0.00	27.31 1.14 -0.30	27.11 0.98 -2.68	28.45 0.94 -3.95	26.12 1.10 0.00	29.54 1.27 -2.31	31.87 1.33 -4.50	34.10 1.46 -6.07	36.22 1.66 -4.99	36.13 1.96 0.15	38.68 1.82 -3.18	40.99 1.90 -4.50	42.13 1.94 -6.76	42.19 1.92 -9.77	44.47 1.68 -18.40	54.94 2.19 -26.01	55.94 2.29 -25.39	52.75 1.64 -28.61	50.51 1.33 -28.68	46.20 1.28 -24.60	37.18 1.37 -12.66	31.69 1.59 -3.95	28.92 1.46 -1.40
LIGHTHSE_115KV_TB6 355974	25.90 -0.08 0.00	25.56 -0.21 0.00	25.61 -0.26 0.00	23.19 -0.26 0.00	23.34 -0.21 0.00	24.90 -0.13 0.00	26.01 -0.16 -0.21	26.41 -0.03 -0.40	26.98 -0.13 -0.54	29.83 -0.03 -0.28	33.98 0.03 0.38	33.77 0.13 0.04	34.83 0.10 -0.14	34.01 0.10 -0.48	31.49 0.15 -0.84	25.42 0.32 -0.71	27.93 0.21 -0.99	29.19 0.17 -0.76	24.23 0.27 -1.46	22.34 0.33 -1.51	21.92 0.33 -1.28	24.53 0.25 -1.12	26.49 0.00 -0.35	26.08 -0.10 -0.12
LINDEN COGEN___ 23786	28.32 1.32 -1.02	26.84 1.08 0.00	27.18 1.01 -0.30	27.06 0.84 -2.78	28.45 0.80 -4.10	26.10 1.08 0.00	29.56 1.19 -2.41	30.89 1.25 -3.60	30.89 1.35 -2.97	31.55 1.54 -0.43	31.53 1.85 4.64	31.96 1.72 3.43	33.08 1.80 3.31	35.36 1.87 -0.06	42.63 1.92 -10.21	45.25 1.63 -19.22	56.15 2.25 -27.18	57.06 2.40 -26.39	53.89 1.64 -29.74	51.59 1.27 -29.82	47.09 1.20 -25.58	37.54 1.23 -13.16	31.82 1.57 -4.11	28.92 1.41 -1.46
LINDHRST_69_KV_BK1 356055	36.81 2.18 -8.65	32.00 2.16 -4.07	28.33 2.15 -0.31	28.15 1.90 -2.81	29.52 1.86 -4.11	28.87 2.10 -1.75	30.55 2.18 -2.41	32.70 2.13 -4.69	35.01 2.13 -6.32	37.40 2.63 -5.19	41.72 3.19 -4.21	43.62 3.03 -6.91	44.39 3.15 -6.65	44.76 3.08 -8.25	46.66 3.02 -13.14	51.50 2.56 -24.55	59.17 3.21 -29.23	60.49 3.42 -28.81	58.88 2.57 -33.81	55.82 2.13 -33.19	49.00 2.05 -26.63	44.64 2.27 -19.22	43.62 2.72 -14.76	42.07 2.61 -13.40
LIPA_MISC_IPP 23656	36.86 2.23 -8.65	32.21 2.37 -4.07	28.51 2.33 -0.31	28.31 2.06 -2.81	29.69 2.03 -4.11	29.07 2.30 -1.75	30.70 2.34 -2.41	32.81 2.08 -4.69	35.09 2.21 -6.32	37.55 2.78 -5.19	41.86 3.33 -4.21	43.83 3.23 -6.91	44.53 3.29 -6.66	44.87 3.18 -8.26	46.66 3.02 -13.15	51.50 2.56 -24.55	59.17 3.21 -29.24	67.43 3.45 -35.72	71.03 2.57 -45.97	55.86 2.15 -33.20	52.23 2.05 -29.86	45.69 2.27 -20.27	44.30 2.85 -15.31	42.17 2.71 -13.40
LISF___SOLAR 323691	37.07 2.44 -8.64	32.28 2.45 -4.07	28.59 2.41 -0.31	28.33 2.09 -2.81	29.71 2.05 -4.11	29.12 2.35 -1.75	30.78 2.41 -2.41	32.83 2.11 -4.69	35.17 2.26 -6.35	37.51 2.72 -5.22	41.96 3.43 -4.21	43.91 3.30 -6.93	44.63 3.35 -6.68	44.86 3.14 -8.29	46.77 3.08 -13.19	51.64 2.61 -24.64	59.38 3.29 -29.36	67.62 3.53 -35.82	71.31 2.65 -46.15	55.94 2.23 -33.21	52.34 2.11 -29.91	45.77 2.34 -20.28	44.33 2.88 -15.32	42.20 2.74 -13.40
LITTLE FALLS___HYD 24013	26.06 0.08 0.00	25.66 -0.10 0.00	25.74 -0.13 0.00	23.33 -0.12 0.00	23.43 -0.12 0.00	24.90 -0.13 0.00	26.04 0.16 0.07	26.20 0.21 0.05	26.63 0.13 0.07	29.72 0.21 0.07	34.44 0.27 0.16	33.82 0.27 0.13	34.72 0.24 0.11	33.59 0.20 0.04	30.68 0.18 0.00	25.09 0.20 -0.50	27.67 0.21 -0.72	29.56 0.20 -1.11	23.38 0.11 -0.77	21.25 0.02 -0.73	20.92 -0.04 -0.64	23.08 -0.07 0.00	25.98 -0.16 0.00	25.88 -0.18 0.00
LITTLRIV_115KV_TB1 356100	26.66 0.68 0.00	26.30 0.54 0.00	26.41 0.54 0.00	23.98 0.54 0.00	24.12 0.57 0.00	25.60 0.58 0.00	26.50 0.55 0.00	26.63 0.60 0.00	27.10 0.53 0.00	30.17 0.59 0.00	34.60 0.27 0.00	33.88 0.20 0.00	34.76 0.17 0.00	33.36 -0.07 0.00	30.25 -0.24 0.00	16.64 -0.88 6.87	15.79 -1.07 9.87	12.17 -1.22 14.88	11.24 -0.95 10.32	9.79 -0.84 9.87	10.89 -0.81 8.61	22.81 -0.35 0.00	26.27 0.13 0.00	26.32 0.26 0.00
LI_NEWBRDGE___DRP 323616	36.24 1.61 -8.65	31.43 1.60 -4.07	27.76 1.58 -0.31	27.61 1.36 -2.81	29.00 1.34 -4.11	28.29 1.53 -1.75	30.00 1.64 -2.41	32.18 1.46 -4.69	34.48 1.59 -6.32	36.75 1.98 -5.19	40.90 2.37 -4.21	42.85 2.26 -6.91	43.56 2.32 -6.65	44.02 2.34 -8.25	45.96 2.32 -13.14	50.91 1.98 -24.55	58.47 2.51 -29.23	57.46 2.68 -26.52	54.22 1.94 -29.79	55.25 1.58 -33.17	47.43 1.52 -25.59	43.89 1.64 -19.09	42.87 2.04 -14.70	41.39 1.93 -13.40
LOCKPORT_115KV_TB60_63_64 80432	25.48 -0.65 -0.15	25.01 -0.75 0.00	24.67 -1.24 -0.05	22.92 -0.94 -0.42	23.20 -0.97 -0.62	24.42 -0.60 0.00	24.75 -0.99 0.22	25.47 -0.96 -0.40	26.16 -0.90 -0.50	28.82 -1.09 -0.34	31.71 -1.20 1.41	32.14 -0.94 0.60	33.33 -1.14 0.11	33.07 -1.20 -0.84	31.62 -0.67 -1.79	28.13 0.37 -3.38	31.64 0.13 -4.77	32.97 0.06 -4.65	28.15 0.41 -5.24	26.14 0.39 -5.25	25.39 0.57 -4.51	25.80 0.32 -2.32	26.50 -0.37 -0.72	25.98 -0.34 -0.26
LOCKPORT___CC1 323769	25.62 -0.52 -0.15	25.25 -0.52 0.00	24.93 -0.98 -0.05	22.90 -0.96 -0.42	23.21 -0.97 -0.62	24.24 -0.78 0.00	24.75 -0.99 0.22	25.50 -0.94 -0.40	26.14 -0.93 -0.51	28.80 -1.12 -0.35	31.58 -1.34 1.40	32.11 -0.98 0.59	33.31 -1.18 0.10	33.05 -1.24 -0.85	31.60 -0.70 -1.81	28.13 0.34 -3.40	31.62 0.08 -4.81	32.97 0.03 -4.68	28.14 0.36 -5.28	26.14 0.35 -5.29	25.40 0.55 -4.54	25.79 0.30 -2.33	26.48 -0.39 -0.73	25.95 -0.36 -0.26
LOCKPORT___CC2 323770	25.62 -0.52 -0.15	25.25 -0.52 0.00	24.93 -0.98 -0.05	22.90 -0.96 -0.42	23.21 -0.97 -0.62	24.24 -0.78 0.00	24.75 -0.99 0.22	25.50 -0.94 -0.40	26.14 -0.93 -0.51	28.80 -1.12 -0.35	31.58 -1.34 1.40	32.11 -0.98 0.59	33.31 -1.18 0.10	33.05 -1.24 -0.85	31.60 -0.70 -1.81	28.13 0.34 -3.40	31.62 0.08 -4.81	32.97 0.03 -4.68	28.14 0.36 -5.28	26.14 0.35 -5.29	25.40 0.55 -4.54	25.79 0.30 -2.33	26.48 -0.39 -0.73	25.95 -0.36 -0.26
LOCKPORT___CC3 323771	25.62 -0.52 -0.15	25.25 -0.52 0.00	24.93 -0.98 -0.05	22.90 -0.96 -0.42	23.21 -0.97 -0.62	24.24 -0.78 0.00	24.75 -0.99 0.22	25.50 -0.94 -0.40	26.14 -0.93 -0.51	28.80 -1.12 -0.35	31.58 -1.34 1.40	32.11 -0.98 0.59	33.31 -1.18 0.10	33.05 -1.24 -0.85	31.60 -0.70 -1.81	28.13 0.34 -3.40	31.62 0.08 -4.81	32.97 0.03 -4.68	28.14 0.36 -5.28	26.14 0.35 -5.29	25.40 0.55 -4.54	25.79 0.30 -2.33	26.48 -0.39 -0.73	25.95 -0.36 -0.26

LONG_LAKE_PHOENIX 24014	25.51 -0.47 0.00	25.22 -0.54 0.00	25.27 -0.59 0.00	22.90 -0.54 0.00	23.03 -0.52 0.00	24.55 -0.48 0.00	25.77 -0.52 -0.33	26.11 -0.44 -0.52	26.79 -0.48 -0.71	29.70 -0.50 -0.62	34.10 -0.48 -0.26	33.87 -0.37 -0.56	34.85 -0.38 -0.64	33.82 -0.37 -0.76	31.24 -0.24 -0.99	26.32 0.07 -1.86	29.33 -0.03 -2.62	30.86 -0.03 -2.63	25.44 0.07 -2.87	23.49 0.12 -2.87	22.92 0.14 -2.46	24.37 -0.05 -1.27	26.20 -0.34 -0.40	25.81 -0.39 -0.14
LOVETT___3 23632	28.00 1.04 -0.98	26.77 1.00 0.00	27.15 0.98 -0.30	26.98 0.84 -2.69	28.32 0.80 -3.97	25.97 0.95 0.00	29.37 1.09 -2.33	31.68 1.12 -4.52	33.88 1.22 -6.10	35.98 1.39 -5.01	35.82 1.65 0.15	38.39 1.52 -3.20	40.66 1.56 -4.52	41.82 1.60 -6.79	41.96 1.65 -9.81	44.31 1.44 -18.48	54.76 1.90 -26.13	55.77 2.01 -25.50	52.65 1.42 -28.73	50.43 1.13 -28.81	46.10 1.08 -24.71	37.02 1.16 -12.71	31.49 1.39 -3.97	28.74 1.28 -1.41
LOVETT___4 23642	28.00 1.04 -0.98	26.77 1.00 0.00	27.15 0.98 -0.30	26.98 0.84 -2.69	28.32 0.80 -3.97	25.97 0.95 0.00	29.37 1.09 -2.33	31.68 1.12 -4.52	33.88 1.22 -6.10	35.98 1.39 -5.01	35.82 1.65 0.15	38.39 1.52 -3.20	40.66 1.56 -4.52	41.82 1.60 -6.79	41.96 1.65 -9.81	44.31 1.44 -18.48	54.76 1.90 -26.13	55.77 2.01 -25.50	52.65 1.42 -28.73	50.43 1.13 -28.81	46.10 1.08 -24.71	37.02 1.16 -12.71	31.49 1.39 -3.97	28.74 1.28 -1.41
LOVETT___5 23593	28.00 1.04 -0.98	26.77 1.00 0.00	27.15 0.98 -0.30	26.98 0.84 -2.69	28.32 0.80 -3.97	25.97 0.95 0.00	29.37 1.09 -2.33	31.68 1.12 -4.52	33.88 1.22 -6.10	35.98 1.39 -5.01	35.82 1.65 0.15	38.39 1.52 -3.20	40.66 1.56 -4.52	41.82 1.60 -6.79	41.96 1.65 -9.81	44.31 1.44 -18.48	54.76 1.90 -26.13	55.77 2.01 -25.50	52.65 1.42 -28.73	50.43 1.13 -28.81	46.10 1.08 -24.71	37.02 1.16 -12.71	31.49 1.39 -3.97	28.74 1.28 -1.41
LOWER_RAQUET___HYD 24057	26.29 0.31 0.00	26.02 0.26 0.00	26.13 0.26 0.00	23.77 0.33 0.00	23.90 0.35 0.00	25.37 0.35 0.00	26.21 0.26 0.00	26.30 0.26 0.00	26.81 0.24 0.00	29.85 0.27 0.00	34.18 -0.14 0.00	33.45 -0.23 0.00	34.35 -0.24 0.00	32.89 -0.54 0.00	29.83 -0.67 0.00	16.41 -1.24 6.74	15.58 -1.47 9.68	12.04 -1.64 14.58	11.08 -1.31 10.12	9.66 -1.17 9.67	10.74 -1.14 8.44	22.48 -0.67 0.00	26.01 -0.13 0.00	26.09 0.03 0.00
LOWER___HUDSON 24059	30.01 1.40 -2.63	27.13 1.36 0.00	28.04 1.37 -0.80	31.87 1.22 -7.21	35.41 1.22 -10.63	26.30 1.28 0.00	34.20 1.40 -6.84	56.71 1.38 -29.30	70.64 1.49 -42.59	72.31 1.66 -41.07	47.94 1.96 -11.67	68.44 1.92 -32.84	76.26 1.97 -39.70	84.60 1.90 -49.27	94.20 1.80 -61.90	148.90 1.51 -123.00	157.07 1.66 -128.68	98.48 1.67 -68.55	101.07 1.33 -77.24	99.16 1.21 -77.45	87.94 1.20 -66.43	58.65 1.32 -34.18	38.27 1.46 -10.67	31.33 1.48 -3.78
LOWVILLE_115KV_TB2 356335	26.63 0.65 0.00	26.22 0.46 0.00	26.31 0.44 0.00	23.84 0.40 0.00	24.00 0.45 0.00	25.60 0.58 0.00	26.53 0.65 0.07	26.77 0.78 0.05	27.08 0.58 0.07	30.18 0.71 0.11	34.82 0.76 0.26	34.23 0.77 0.22	35.17 0.76 0.18	33.99 0.64 0.07	31.11 0.61 0.00	22.62 0.49 2.26	23.94 0.45 3.24	23.95 0.45 4.76	19.68 0.50 3.32	17.86 0.53 3.17	18.06 0.51 2.77	23.73 0.58 0.00	26.74 0.60 0.00	26.56 0.50 0.00
LUTHERFT_115KV_GLOB_FND_222 355753	30.76 1.84 -2.93	27.54 1.78 0.00	28.58 1.81 -0.90	33.15 1.66 -8.04	37.09 1.67 -11.87	26.72 1.70 0.00	35.19 1.84 -7.39	49.00 1.82 -21.14	58.47 1.94 -29.96	59.04 2.19 -27.27	41.89 2.51 -5.06	56.69 2.56 -20.45	63.01 2.59 -25.83	70.05 2.51 -34.11	77.94 2.29 -45.16	114.17 1.95 -87.83	133.43 2.17 -104.54	106.90 2.20 -76.43	110.47 1.85 -86.12	108.57 1.72 -86.35	96.11 1.73 -74.07	63.20 1.94 -38.11	40.13 2.09 -11.89	32.36 2.08 -4.22
LUTHERNY_35_KV_BK2 355980	30.78 1.87 -2.93	27.56 1.80 0.00	28.58 1.81 -0.90	33.15 1.66 -8.04	37.11 1.70 -11.87	26.75 1.73 0.00	35.19 1.84 -7.39	49.00 1.82 -21.14	58.50 1.97 -29.96	59.07 2.22 -27.27	41.93 2.54 -5.06	56.72 2.59 -20.45	63.01 2.59 -25.83	70.08 2.54 -34.11	77.97 2.32 -45.16	114.19 1.98 -87.83	133.46 2.19 -104.54	106.90 2.20 -76.43	110.47 1.85 -86.12	108.59 1.74 -86.35	96.13 1.75 -74.07	63.23 1.97 -38.11	40.15 2.12 -11.89	32.39 2.11 -4.22
LWR___OSWEGATCHIE_HYD 23850	26.50 0.52 0.00	26.17 0.41 0.00	26.26 0.39 0.00	23.82 0.38 0.00	23.95 0.40 0.00	25.50 0.48 0.00	26.40 0.44 0.00	26.56 0.52 0.00	26.96 0.40 0.00	29.95 0.44 0.08	34.42 0.27 0.18	33.79 0.27 0.15	34.71 0.24 0.12	33.41 0.03 0.05	30.44 -0.06 0.00	19.34 -0.37 4.68	19.52 -0.48 6.72	17.64 -0.57 10.06	15.16 -0.36 6.99	13.55 -0.27 6.68	14.22 -0.26 5.83	23.13 -0.02 0.00	26.38 0.24 0.00	26.32 0.26 0.00
LYONS_FALL_HYD 23570	26.65 0.67 0.00	26.25 0.49 0.00	26.33 0.47 0.00	23.82 0.37 0.00	23.97 0.42 0.00	25.55 0.53 0.00	26.58 0.73 0.10	26.85 0.89 0.07	27.21 0.74 0.10	30.32 0.86 0.12	35.04 1.00 0.28	34.49 1.05 0.24	35.44 1.04 0.19	34.32 0.97 0.08	31.41 0.91 0.00	24.32 0.85 0.92	26.28 0.88 1.33	27.21 0.88 1.93	21.94 0.79 1.35	19.97 0.76 1.29	19.90 0.71 1.12	23.89 0.74 0.00	26.85 0.71 0.00	26.66 0.60 0.00
MADISON___COUNTY_LFGE 323628	26.63 0.65 0.00	26.20 0.44 0.00	26.28 0.41 0.00	23.79 0.35 0.00	23.95 0.40 0.00	25.55 0.53 0.00	26.43 0.70 0.22	26.75 0.86 0.15	27.10 0.74 0.21	30.26 0.89 0.21	34.89 1.06 0.49	34.40 1.15 0.42	35.40 1.14 0.33	34.39 1.10 0.14	31.63 1.13 0.00	25.58 1.20 0.00	27.99 1.26 0.00	29.55 1.27 -0.01	23.60 1.10 0.00	21.54 1.05 0.00	21.31 1.00 0.00	24.10 0.95 0.00	26.95 0.81 0.00	26.76 0.70 0.00
MALONE___115KV_TB1 356076	26.53 0.55 0.00	26.30 0.54 0.00	26.41 0.54 0.00	23.98 0.54 0.00	24.12 0.57 0.00	25.55 0.53 0.00	26.29 0.34 0.00	26.40 0.36 0.00	27.04 0.48 0.00	29.85 0.27 0.00	34.42 0.10 0.00	33.58 -0.10 0.00	34.45 -0.14 0.00	33.10 -0.33 0.00	29.98 -0.52 0.00	15.72 -0.93 7.75	14.62 -0.99 11.12	10.36 -1.10 16.80	9.98 -0.88 11.65	8.56 -0.80 11.14	9.99 -0.61 9.72	22.71 -0.44 0.00	25.85 -0.29 0.00	25.85 -0.21 0.00
MAPLEWOD_115KV_TB3 80458	29.68 1.33 -2.37	27.10 1.34 0.00	27.94 1.35 -0.73	31.17 1.22 -6.51	34.35 1.20 -9.60	26.27 1.25 0.00	32.95 1.27 -5.72	30.70 1.28 -3.39	31.28 1.33 -3.38	31.07 1.48 -0.01	30.66 1.72 5.37	32.68 1.72 2.72	35.30 1.76 1.05	37.93 1.70 -2.80	40.27 1.65 -8.12	38.10 1.37 -12.34	66.48 1.50 -38.26	91.67 1.53 -61.88	93.45 1.22 -69.73	91.50 1.09 -69.92	81.36 1.08 -59.97	55.21 1.20 -30.85	37.10 1.33 -9.63	30.83 1.36 -3.42
MAPLE_RIDGE_WT_1 323574	25.49 -0.49 0.00	25.27 -0.49 0.00	25.38 -0.49 0.00	23.04 -0.40 0.00	23.13 -0.42 0.00	24.54 -0.48 0.00	25.41 -0.55 0.00	25.46 -0.57 0.00	26.01 -0.56 0.00	28.96 -0.62 0.00	33.50 -0.82 0.00	32.84 -0.84 0.00	33.69 -0.90 0.00	32.49 -0.94 0.00	29.58 -0.91 0.00	11.20 -0.95 12.24	8.11 -1.04 17.58	0.56 -1.10 26.60	3.14 -0.92 18.44	1.94 -0.92 17.63	3.93 -1.00 15.39	22.09 -1.06 0.00	25.04 -1.10 0.00	24.97 -1.09 0.00

MAPLE_RIDGE_WT_2 323611	25.49 -0.49 0.00	25.27 -0.49 0.00	25.38 -0.49 0.00	23.04 -0.40 0.00	23.13 -0.42 0.00	24.54 -0.48 0.00	25.41 -0.55 0.00	25.46 -0.57 0.00	26.01 -0.56 0.00	28.96 -0.62 0.00	33.50 -0.82 0.00	32.84 -0.84 0.00	33.69 -0.90 0.00	32.49 -0.94 0.00	29.58 -0.91 0.00	11.20 -0.95 12.24	8.11 -1.04 17.58	0.56 -1.10 26.60	3.14 -0.92 18.44	1.94 -0.92 17.63	3.93 -1.00 15.39	22.09 -1.06 0.00	25.04 -1.10 0.00	24.97 -1.09 0.00
MARBLE_RIVER_WT_PWR 323696	26.21 0.23 0.00	26.10 0.33 0.00	26.23 0.36 0.00	23.89 0.44 0.00	23.97 0.42 0.00	25.40 0.38 0.00	26.09 0.13 0.00	26.17 0.13 0.00	26.81 0.24 0.00	29.43 -0.15 0.00	34.01 -0.31 0.00	33.18 -0.50 0.00	34.03 -0.55 0.00	32.73 -0.70 0.00	29.64 -0.85 0.00	15.04 -1.12 8.23	13.77 -1.15 11.82	9.14 -1.27 17.85	9.09 -1.03 12.38	7.72 -0.94 11.84	9.27 -0.71 10.33	22.53 -0.62 0.00	25.54 -0.60 0.00	25.54 -0.52 0.00
MARSHVLE_115KV_TB1 80742	30.61 2.03 -2.60	27.74 1.98 0.00	28.66 1.99 -0.80	32.45 1.88 -7.13	35.98 1.91 -10.52	27.02 2.00 0.00	34.41 2.10 -6.35	40.43 2.16 -12.23	45.28 2.13 -16.59	45.50 2.28 -13.64	36.82 2.68 0.17	45.25 2.73 -8.84	49.69 2.73 -12.37	54.52 2.67 -18.42	59.64 2.59 -26.55	76.70 2.32 -49.99	100.05 2.65 -70.67	98.85 2.80 -67.79	101.30 2.41 -76.39	99.35 2.25 -76.59	88.27 2.26 -65.69	59.41 2.45 -33.80	39.17 2.48 -10.55	32.12 2.32 -3.74
MARSH_HILL_WT_PWR 323713	26.72 0.52 -0.22	26.10 0.33 0.00	25.99 0.05 -0.07	23.99 -0.05 -0.60	24.41 -0.02 -0.88	25.20 0.18 0.00	26.07 0.03 -0.09	27.06 0.23 -0.79	27.67 0.05 -1.05	30.39 0.00 -0.81	33.27 0.00 1.05	33.93 0.34 0.08	35.18 0.17 -0.42	34.98 0.17 -1.38	33.62 0.70 -2.42	30.30 1.36 -4.55	34.47 1.31 -6.43	35.71 1.19 -6.26	30.96 1.40 -7.06	28.87 1.29 -7.08	27.77 1.38 -6.07	27.53 1.25 -3.12	27.72 0.60 -0.97	26.90 0.49 -0.35
MCINTYRE_115KV_TB2 80467	26.73 0.75 0.00	26.41 0.64 0.00	26.51 0.65 0.00	24.08 0.63 0.00	24.21 0.66 0.00	25.70 0.68 0.00	26.53 0.57 0.00	26.66 0.62 0.00	27.10 0.53 0.00	30.17 0.59 0.00	34.63 0.31 0.00	33.92 0.24 0.00	34.80 0.21 0.00	33.46 0.03 0.00	30.35 -0.15 0.00	16.47 -0.83 7.09	15.59 -0.96 10.18	11.84 -1.07 15.35	11.05 -0.81 10.65	9.62 -0.70 10.18	10.74 -0.69 8.89	22.94 -0.21 0.00	26.38 0.24 0.00	26.37 0.31 0.00
MECO____69_KV_BK1 80468	31.90 3.14 -2.77	28.29 2.52 0.00	29.25 2.54 -0.85	33.44 2.39 -7.61	37.22 2.45 -11.23	27.55 2.53 0.00	35.85 3.11 -6.79	42.14 3.05 -13.06	47.27 3.00 -17.70	47.19 3.05 -14.56	37.59 3.43 0.16	46.64 3.50 -9.45	51.29 3.49 -13.21	56.46 3.38 -19.66	62.05 3.23 -28.32	80.67 2.95 -53.33	105.62 3.50 -75.38	104.31 3.76 -72.29	107.32 3.35 -81.46	105.38 3.20 -81.68	93.61 3.23 -70.06	62.81 3.61 -36.04	41.10 3.71 -11.25	33.65 3.60 -3.99
MENANDS__115KV_TB5 355628	29.30 1.07 -2.25	26.89 1.13 0.00	27.70 1.14 -0.69	30.62 1.01 -6.17	33.67 1.01 -9.11	26.07 1.05 0.00	32.39 1.04 -5.40	28.53 1.04 -1.45	28.15 1.06 -0.53	27.97 1.21 2.83	29.41 1.41 6.32	30.00 1.38 5.06	32.18 1.42 3.83	34.23 1.34 0.54	35.86 1.31 -4.05	29.62 1.07 -4.16	58.20 1.12 -30.35	88.13 1.16 -58.71	89.56 0.90 -66.16	87.61 0.78 -66.33	77.98 0.77 -56.89	53.28 0.86 -29.27	36.24 0.97 -9.14	30.32 1.02 -3.24
MG INDUSTRY__DRP 24185	28.87 1.14 -1.75	26.95 1.19 0.00	27.62 1.22 -0.53	29.34 1.10 -4.79	31.73 1.11 -7.07	26.12 1.10 0.00	31.28 1.12 -4.21	30.17 1.12 -3.02	30.95 1.12 -3.27	31.67 1.24 -0.84	32.18 1.44 3.58	33.83 1.41 1.26	36.10 1.45 -0.06	37.79 1.37 -2.99	38.84 1.31 -7.03	36.74 1.07 -11.27	57.53 0.99 -29.82	74.81 0.96 -45.59	74.62 0.74 -51.37	72.70 0.70 -51.51	65.21 0.71 -44.18	46.67 0.79 -22.73	34.12 0.89 -7.09	29.51 0.94 -2.52
MID__OSWEGATCHIE_HYD 23849	26.50 0.52 0.00	26.17 0.41 0.00	26.26 0.39 0.00	23.82 0.38 0.00	23.95 0.40 0.00	25.50 0.48 0.00	26.40 0.44 0.00	26.56 0.52 0.00	26.96 0.40 0.00	29.95 0.44 0.08	34.42 0.27 0.18	33.79 0.27 0.15	34.71 0.24 0.12	33.41 0.03 0.05	30.44 -0.06 0.00	19.34 -0.37 4.68	19.52 -0.48 6.72	17.64 -0.57 10.06	15.16 -0.36 6.99	13.55 -0.27 6.68	14.22 -0.26 5.83	23.13 -0.02 0.00	26.38 0.24 0.00	26.32 0.26 0.00
MID__RAQUETTE_HYD 23851	26.40 0.42 0.00	26.10 0.33 0.00	26.20 0.34 0.00	23.77 0.33 0.00	23.90 0.35 0.00	25.37 0.35 0.00	26.21 0.26 0.00	26.32 0.29 0.00	26.81 0.24 0.00	29.85 0.27 0.00	34.18 -0.14 0.00	33.44 -0.24 0.00	34.35 -0.24 0.00	32.89 -0.53 0.00	29.83 -0.67 0.00	16.40 -1.24 6.74	15.58 -1.47 9.68	12.04 -1.64 14.58	11.08 -1.31 10.12	9.66 -1.17 9.67	10.74 -1.14 8.44	22.48 -0.67 0.00	26.01 -0.13 0.00	26.09 0.03 0.00
MILLIKEN__1 23584	26.67 0.47 -0.22	26.10 0.33 0.00	26.19 0.26 -0.07	24.25 0.21 -0.60	24.69 0.26 -0.88	25.45 0.43 0.00	26.70 0.44 -0.30	27.54 0.57 -0.93	28.29 0.48 -1.24	31.08 0.50 -0.99	34.38 0.65 0.60	34.76 0.77 -0.30	36.08 0.76 -0.73	35.67 0.74 -1.50	33.79 0.88 -2.41	30.05 1.12 -4.53	34.26 1.12 -6.41	35.75 1.22 -6.27	30.68 1.15 -7.03	28.68 1.13 -7.05	27.46 1.10 -6.05	27.26 1.00 -3.11	27.82 0.71 -0.97	26.98 0.57 -0.34
MILLIKEN__2 23585	26.67 0.47 -0.22	26.10 0.33 0.00	26.19 0.26 -0.07	24.25 0.21 -0.60	24.69 0.26 -0.88	25.45 0.43 0.00	26.70 0.44 -0.30	27.54 0.57 -0.93	28.29 0.48 -1.24	31.08 0.50 -0.99	34.38 0.65 0.60	34.76 0.77 -0.30	36.08 0.76 -0.73	35.67 0.74 -1.50	33.79 0.88 -2.41	30.05 1.12 -4.53	34.26 1.12 -6.41	35.75 1.22 -6.27	30.68 1.15 -7.03	28.68 1.13 -7.05	27.46 1.10 -6.05	27.26 1.00 -3.11	27.82 0.71 -0.97	26.98 0.57 -0.34
MILLIKEN__DIESEL 23629	26.67 0.47 -0.22	26.10 0.33 0.00	26.19 0.26 -0.07	24.25 0.21 -0.60	24.69 0.26 -0.88	25.45 0.43 0.00	26.70 0.44 -0.30	27.54 0.57 -0.93	28.29 0.48 -1.24	31.08 0.50 -0.99	34.38 0.65 0.60	34.76 0.77 -0.30	36.08 0.76 -0.73	35.67 0.74 -1.50	33.79 0.88 -2.41	30.05 1.12 -4.53	34.26 1.12 -6.41	35.75 1.22 -6.27	30.68 1.15 -7.03	28.68 1.13 -7.05	27.46 1.10 -6.05	27.26 1.00 -3.11	27.82 0.71 -0.97	26.98 0.57 -0.34
MILLSEAT__LFGE 323607	26.02 -0.10 -0.15	25.71 -0.05 0.00	25.40 -0.52 -0.05	23.28 -0.56 -0.40	23.58 -0.57 -0.60	24.67 -0.35 0.00	25.19 -0.52 0.24	26.04 -0.36 -0.37	26.68 -0.35 -0.46	29.41 -0.47 -0.30	32.38 -0.51 1.43	32.85 -0.20 0.63	34.06 -0.38 0.15	33.80 -0.44 -0.80	32.27 0.03 -1.74	28.50 0.83 -3.28	32.01 0.64 -4.64	33.46 0.68 -4.52	28.43 0.83 -5.09	26.40 0.80 -5.10	25.67 0.98 -4.38	26.19 0.79 -2.25	26.97 0.13 -0.70	26.41 0.10 -0.25
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	28.19 1.20 -1.01	26.92 1.16 0.00	27.32 1.14 -0.31	27.20 0.98 -2.77	28.58 0.94 -4.09	26.12 1.10 0.00	29.60 1.25 -2.39	31.97 1.28 -4.66	34.22 1.38 -6.28	36.33 1.60 -5.16	36.06 1.89 0.14	38.73 1.75 -3.30	41.07 1.83 -4.65	42.32 1.91 -6.99	42.52 1.92 -10.10	45.04 1.63 -19.02	55.76 2.14 -26.89	56.79 2.29 -26.24	53.69 1.62 -29.57	51.46 1.31 -29.64	47.00 1.26 -25.43	37.55 1.32 -13.08	31.77 1.54 -4.08	28.92 1.41 -1.45

MILLWOOD_13_KV_LOAD 356217	28.24 1.25 -1.01	26.97 1.21 0.00	27.37 1.19 -0.31	27.24 1.03 -2.77	28.63 0.99 -4.09	26.17 1.15 0.00	29.67 1.32 -2.39	32.05 1.35 -4.66	34.33 1.49 -6.28	36.45 1.72 -5.16	36.17 1.99 0.14	38.83 1.85 -3.30	41.21 1.97 -4.65	42.45 2.04 -6.99	42.64 2.04 -10.10	45.17 1.76 -19.02	55.92 2.30 -26.89	56.90 2.40 -26.24	53.80 1.73 -29.57	51.54 1.39 -29.64	47.09 1.34 -25.43	37.65 1.41 -13.08	31.84 1.62 -4.08	28.97 1.46 -1.45
MODEL_CITY_ENERGY 24167	25.38 -0.75 -0.16	25.09 -0.67 0.00	24.70 -1.22 -0.05	22.72 -1.15 -0.43	23.00 -1.18 -0.63	24.07 -0.95 0.00	24.53 -1.22 0.21	25.25 -1.20 -0.42	25.89 -1.19 -0.52	28.52 -1.42 -0.36	31.21 -1.72 1.40	31.79 -1.31 0.58	32.94 -1.56 0.09	32.69 -1.60 -0.87	31.29 -1.04 -1.83	27.88 0.05 -3.44	31.37 -0.21 -4.86	32.71 -0.28 -4.73	27.95 0.11 -5.33	25.97 0.12 -5.35	25.21 0.31 -4.59	25.54 0.02 -2.36	26.22 -0.65 -0.74	25.72 -0.60 -0.26
MODERN_LFGE_ 323580	25.38 -0.75 -0.16	25.09 -0.67 0.00	24.70 -1.22 -0.05	22.72 -1.15 -0.43	23.00 -1.18 -0.63	24.07 -0.95 0.00	24.53 -1.22 0.21	25.25 -1.20 -0.42	25.89 -1.19 -0.52	28.52 -1.42 -0.36	31.21 -1.72 1.40	31.79 -1.31 0.58	32.94 -1.56 0.09	32.69 -1.60 -0.87	31.29 -1.04 -1.83	27.88 0.05 -3.44	31.37 -0.21 -4.86	32.71 -0.28 -4.73	27.95 0.11 -5.33	25.97 0.12 -5.35	25.21 0.31 -4.59	25.54 0.02 -2.36	26.22 -0.65 -0.74	25.72 -0.60 -0.26
MOHAWK_PAPER___DRP 24187	29.68 1.33 -2.37	27.10 1.34 0.00	27.94 1.35 -0.73	31.17 1.22 -6.51	34.35 1.20 -9.60	26.27 1.25 0.00	32.95 1.27 -5.72	30.70 1.28 -3.39	31.28 1.33 -3.38	31.07 1.48 -0.01	30.66 1.72 5.37	32.68 1.72 2.72	35.30 1.76 1.05	37.93 1.70 -2.80	40.27 1.65 -8.12	38.10 1.37 -12.34	66.48 1.50 -38.26	91.67 1.53 -61.88	93.45 1.22 -69.73	91.50 1.09 -69.92	81.36 1.08 -59.97	55.21 1.20 -30.85	37.10 1.33 -9.63	30.83 1.36 -3.42
MOHICAN__35_KV_115KV_LD 80490	31.26 2.34 -2.95	27.98 2.22 0.00	28.97 2.20 -0.90	33.57 2.04 -8.08	37.57 2.10 -11.92	27.15 2.13 0.00	35.68 2.31 -7.42	49.04 2.29 -20.71	58.33 2.47 -29.30	58.94 2.81 -26.55	42.13 3.09 -4.72	56.68 3.20 -19.80	62.87 3.18 -25.10	69.85 3.11 -33.31	77.45 2.68 -44.27	112.64 2.29 -85.96	132.53 2.57 -103.23	107.60 2.54 -76.80	111.31 2.27 -86.54	109.52 2.25 -86.77	96.99 2.26 -74.42	64.01 2.57 -38.29	40.81 2.72 -11.95	32.96 2.66 -4.24
MONGAUP___HYD 23641	28.31 1.40 -0.93	26.84 1.08 0.00	27.21 1.06 -0.28	26.90 0.91 -2.54	28.17 0.87 -3.75	26.05 1.03 0.00	29.44 1.30 -2.19	31.61 1.30 -4.27	33.73 1.38 -5.79	35.81 1.48 -4.75	35.79 1.61 0.15	38.19 1.48 -3.03	40.36 1.49 -4.28	41.34 1.47 -6.44	41.28 1.46 -9.32	43.31 1.36 -17.56	53.31 1.76 -24.82	54.30 1.95 -24.09	51.16 1.51 -27.15	48.97 1.25 -27.22	44.90 1.24 -23.35	36.48 1.32 -12.01	31.41 1.52 -3.75	28.77 1.38 -1.33
MONTAUK___DIESEL 23721	38.24 3.61 -8.65	33.60 3.76 -4.07	29.88 3.70 -0.31	29.58 3.33 -2.81	30.93 3.27 -4.11	30.40 3.63 -1.75	32.05 3.69 -2.41	34.26 3.54 -4.69	36.65 3.77 -6.32	39.41 4.64 -5.19	44.12 5.59 -4.21	46.12 5.52 -6.91	46.82 5.57 -6.66	47.07 5.38 -8.26	48.71 5.06 -13.15	53.16 4.22 -24.55	61.10 5.13 -29.24	69.44 5.43 -35.76	72.72 4.19 -46.04	57.27 3.57 -33.20	53.53 3.33 -29.88	47.13 3.70 -20.27	45.84 4.39 -15.31	43.63 4.17 -13.40
MOONROAD_115KV_HARTFLD_TB1-2 355988	26.22 0.05 -0.18	25.61 -0.15 0.00	25.30 -0.62 -0.06	23.59 -0.35 -0.50	23.87 -0.42 -0.74	24.97 -0.05 0.00	25.37 -0.49 0.09	26.35 -0.26 -0.58	27.15 -0.16 -0.74	30.04 -0.09 -0.54	33.11 0.07 1.28	33.76 0.47 0.39	34.98 0.28 -0.12	34.85 0.33 -1.08	33.59 1.01 -2.09	30.07 1.76 -3.93	33.86 1.58 -5.55	34.91 1.24 -5.41	30.13 1.53 -6.09	27.94 1.33 -6.11	27.08 1.52 -5.24	27.24 1.39 -2.70	27.64 0.65 -0.84	26.85 0.50 -0.30
MORTIMER_115KV_TB3 55949	25.89 -0.21 -0.12	25.48 -0.28 0.00	25.39 -0.52 -0.04	23.36 -0.42 -0.33	23.64 -0.40 -0.49	24.77 -0.25 0.00	25.33 -0.29 0.34	26.09 -0.18 -0.23	26.73 -0.11 -0.27	29.58 -0.15 -0.14	32.81 0.00 1.51	33.10 0.20 0.78	34.37 0.10 0.32	34.07 0.03 -0.61	32.21 0.21 -1.50	27.92 0.71 -2.82	31.28 0.56 -3.99	32.86 0.71 -3.89	27.56 0.68 -4.38	25.53 0.64 -4.39	24.82 0.73 -3.77	25.67 0.58 -1.94	26.77 0.03 -0.61	26.28 0.00 -0.21
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	28.32 1.33 -1.02	27.05 1.29 0.00	27.42 1.24 -0.31	27.28 1.05 -2.79	28.70 1.04 -4.11	26.25 1.23 0.00	29.74 1.38 -2.41	32.15 1.43 -4.69	34.42 1.54 -6.31	36.54 1.77 -5.19	36.27 2.09 0.14	38.98 1.99 -3.32	41.34 2.08 -4.68	42.60 2.14 -7.03	42.79 2.13 -10.16	45.33 1.80 -19.13	56.21 2.43 -27.05	57.23 2.57 -26.39	54.04 1.80 -29.74	51.75 1.43 -29.82	47.28 1.38 -25.58	37.73 1.41 -13.16	32.00 1.75 -4.11	29.11 1.59 -1.46
MUNSVILLE_WIND_PWR 323609	28.63 2.23 -0.41	27.54 1.78 0.00	27.67 1.68 -0.13	25.98 1.41 -1.13	26.71 1.48 -1.67	26.85 1.83 0.00	28.83 2.08 -0.80	30.32 2.45 -1.84	31.06 2.02 -2.48	33.81 2.22 -2.01	36.39 2.61 0.53	37.41 2.73 -1.01	38.92 2.66 -1.67	38.86 2.57 -2.85	37.45 2.62 -4.32	35.24 2.71 -8.14	41.13 2.89 -11.51	42.48 3.03 -11.19	37.77 2.68 -12.59	35.63 2.50 -12.63	33.59 2.44 -10.83	31.11 2.39 -5.57	29.92 2.04 -1.74	28.42 1.75 -0.62
N SALMON___HYD 24042	26.42 0.44 0.00	26.23 0.46 0.00	26.33 0.47 0.00	23.98 0.54 0.00	24.11 0.56 0.00	25.55 0.53 0.00	26.29 0.34 0.00	26.40 0.36 0.00	27.05 0.48 0.00	29.85 0.27 0.00	34.42 0.10 0.00	33.58 -0.10 0.00	34.45 -0.14 0.00	33.10 -0.33 0.00	29.98 -0.52 0.00	15.72 -0.93 7.75	14.62 -0.99 11.12	10.36 -1.10 16.80	9.98 -0.88 11.65	8.56 -0.80 11.14	9.99 -0.61 9.72	22.71 -0.44 0.00	25.85 -0.29 0.00	25.85 -0.21 0.00
N.AKRON__115KV_KNAPP 355671	25.90 -0.23 -0.15	25.45 -0.31 0.00	25.14 -0.78 -0.05	23.29 -0.56 -0.41	23.59 -0.57 -0.60	24.82 -0.20 0.00	25.22 -0.49 0.24	26.00 -0.42 -0.38	26.72 -0.32 -0.47	29.45 -0.44 -0.31	32.49 -0.41 1.42	32.85 -0.20 0.62	34.10 -0.35 0.14	33.81 -0.43 -0.81	32.25 0.00 -1.75	28.55 0.85 -3.30	32.04 0.64 -4.67	33.52 0.71 -4.55	28.48 0.86 -5.12	26.44 0.80 -5.14	25.70 0.98 -4.41	26.23 0.81 -2.27	26.98 0.13 -0.71	26.44 0.13 -0.25
N.BELMOR_69_KV_BK1 55787	36.47 1.84 -8.65	31.64 1.80 -4.07	27.96 1.78 -0.31	27.82 1.57 -2.81	29.19 1.53 -4.11	28.52 1.75 -1.75	30.21 1.84 -2.41	32.42 1.69 -4.69	34.71 1.83 -6.32	37.02 2.25 -5.19	41.17 2.64 -4.21	43.05 2.46 -6.91	43.80 2.56 -6.65	44.26 2.57 -8.25	46.20 2.56 -13.14	51.11 2.17 -24.55	58.74 2.78 -29.23	57.72 2.94 -26.52	54.45 2.16 -29.79	55.45 1.78 -33.17	47.65 1.75 -25.59	44.14 1.88 -19.11	43.12 2.27 -14.70	41.57 2.11 -13.40
N.E_GEN_SANDY PD 24062	40.64 1.25 -13.41	36.88 1.21 -9.91	36.57 1.22 -9.49	35.99 1.08 -11.47	35.71 1.06 -11.10	36.67 1.15 -10.50	39.21 1.22 -12.04	40.23 1.17 -13.02	42.19 1.28 -14.35	43.56 1.42 -12.56	46.10 1.72 -10.06	44.69 1.62 -9.39	48.17 1.69 -11.89	50.80 1.64 -15.73	52.95 1.58 -20.87	66.26 1.32 -40.55	76.73 1.52 -48.48	67.43 1.67 -37.50	66.02 1.26 -42.26	63.93 1.07 -42.37	55.74 1.06 -34.37	48.54 1.13 -24.25	39.89 1.33 -12.42	40.33 1.30 -12.97

N. HEMPST_138_KV_BK345_REV_LBMP_G 345014	28.05 1.09 -0.98	26.79 1.03 0.00	27.18 1.01 -0.30	27.02 0.89 -2.69	28.36 0.85 -3.96	26.02 1.00 0.00	29.42 1.14 -2.32	31.72 1.17 -4.52	33.95 1.30 -6.08	36.06 1.48 -5.00	35.93 1.75 0.15	38.49 1.62 -3.19	40.76 1.66 -4.51	41.91 1.70 -6.77	42.03 1.74 -9.80	44.35 1.51 -18.45	54.81 2.00 -26.08	55.83 2.12 -25.45	52.69 1.51 -28.68	50.44 1.19 -28.75	46.12 1.14 -24.66	37.05 1.20 -12.69	31.56 1.46 -3.96	28.79 1.33 -1.40
N. QUEENS_27_KV_LOAD 356247	28.56 1.56 -1.02	27.29 1.52 -0.01	27.66 1.47 -0.32	27.53 1.29 -2.79	28.92 1.25 -4.12	26.50 1.48 0.00	29.84 1.48 -2.41	32.15 1.43 -4.69	34.37 1.49 -6.31	36.45 1.69 -5.19	36.30 2.13 0.14	39.05 2.05 -3.32	41.48 2.21 -4.68	42.76 2.31 -7.03	43.04 2.38 -10.16	45.48 1.95 -19.13	56.46 2.67 -27.06	57.54 2.88 -26.39	54.18 1.94 -29.74	51.93 1.60 -29.83	47.28 1.38 -25.58	37.86 1.55 -13.16	32.27 2.01 -4.12	29.35 1.82 -1.46
N. TROY___115KV_TB1 355778	29.96 1.35 -2.63	27.10 1.34 0.00	28.02 1.35 -0.80	31.87 1.22 -7.21	35.41 1.22 -10.63	26.30 1.28 0.00	34.20 1.40 -6.84	56.72 1.38 -29.30	70.69 1.49 -42.63	72.34 1.66 -41.11	47.95 1.96 -11.67	68.47 1.92 -32.87	76.29 1.97 -39.73	84.66 1.91 -49.32	94.28 1.80 -61.98	149.04 1.51 -123.14	157.26 1.66 -128.88	98.48 1.67 -68.55	101.07 1.33 -77.24	99.16 1.21 -77.45	87.95 1.20 -66.43	58.65 1.32 -34.18	38.27 1.46 -10.67	31.33 1.49 -3.78
NARROWS_GT1_1 24228	28.74 1.74 -1.02	27.29 1.52 -0.01	27.63 1.45 -0.31	27.42 1.19 -2.79	28.81 1.15 -4.11	26.45 1.43 0.00	29.79 1.43 -2.41	32.20 1.48 -4.69	34.53 1.62 -6.34	36.69 1.89 -5.21	36.44 2.26 0.14	39.03 2.02 -3.33	41.44 2.15 -4.70	42.70 2.21 -7.06	43.00 2.29 -10.21	45.52 1.90 -19.22	56.59 2.67 -27.18	57.48 2.83 -26.39	54.18 1.94 -29.74	51.88 1.56 -29.82	47.32 1.42 -25.58	37.82 1.50 -13.16	32.21 1.96 -4.11	29.34 1.82 -1.46
NARROWS_GT1_2 24229	28.74 1.74 -1.02	27.29 1.52 -0.01	27.63 1.45 -0.31	27.42 1.19 -2.79	28.81 1.15 -4.11	26.45 1.43 0.00	29.79 1.43 -2.41	32.20 1.48 -4.69	34.53 1.62 -6.34	36.69 1.89 -5.21	36.44 2.26 0.14	39.03 2.02 -3.33	41.44 2.15 -4.70	42.70 2.21 -7.06	43.00 2.29 -10.21	45.52 1.90 -19.22	56.59 2.67 -27.18	57.48 2.83 -26.39	54.18 1.94 -29.74	51.88 1.56 -29.82	47.32 1.42 -25.58	37.82 1.50 -13.16	32.21 1.96 -4.11	29.34 1.82 -1.46
NARROWS_GT1_3 24230	28.74 1.74 -1.02	27.29 1.52 -0.01	27.63 1.45 -0.31	27.42 1.19 -2.79	28.81 1.15 -4.11	26.45 1.43 0.00	29.79 1.43 -2.41	32.20 1.48 -4.69	34.53 1.62 -6.34	36.69 1.89 -5.21	36.44 2.26 0.14	39.03 2.02 -3.33	41.44 2.15 -4.70	42.70 2.21 -7.06	43.00 2.29 -10.21	45.52 1.90 -19.22	56.59 2.67 -27.18	57.48 2.83 -26.39	54.18 1.94 -29.74	51.88 1.56 -29.82	47.32 1.42 -25.58	37.82 1.50 -13.16	32.21 1.96 -4.11	29.34 1.82 -1.46
NARROWS_GT1_4 24231	28.74 1.74 -1.02	27.29 1.52 -0.01	27.63 1.45 -0.31	27.42 1.19 -2.79	28.81 1.15 -4.11	26.45 1.43 0.00	29.79 1.43 -2.41	32.20 1.48 -4.69	34.53 1.62 -6.34	36.69 1.89 -5.21	36.44 2.26 0.14	39.03 2.02 -3.33	41.44 2.15 -4.70	42.70 2.21 -7.06	43.00 2.29 -10.21	45.52 1.90 -19.22	56.59 2.67 -27.18	57.48 2.83 -26.39	54.18 1.94 -29.74	51.88 1.56 -29.82	47.32 1.42 -25.58	37.82 1.50 -13.16	32.21 1.96 -4.11	29.34 1.82 -1.46
NARROWS_GT1_5 24232	28.74 1.74 -1.02	27.29 1.52 -0.01	27.63 1.45 -0.31	27.42 1.19 -2.79	28.81 1.15 -4.11	26.45 1.43 0.00	29.79 1.43 -2.41	32.20 1.48 -4.69	34.53 1.62 -6.34	36.69 1.89 -5.21	36.44 2.26 0.14	39.03 2.02 -3.33	41.44 2.15 -4.70	42.70 2.21 -7.06	43.00 2.29 -10.21	45.52 1.90 -19.22	56.59 2.67 -27.18	57.48 2.83 -26.39	54.18 1.94 -29.74	51.88 1.56 -29.82	47.32 1.42 -25.58	37.82 1.50 -13.16	32.21 1.96 -4.11	29.34 1.82 -1.46
NARROWS_GT1_6 24233	28.74 1.74 -1.02	27.29 1.52 -0.01	27.63 1.45 -0.31	27.42 1.19 -2.79	28.81 1.15 -4.11	26.45 1.43 0.00	29.79 1.43 -2.41	32.20 1.48 -4.69	34.53 1.62 -6.34	36.69 1.89 -5.21	36.44 2.26 0.14	39.03 2.02 -3.33	41.44 2.15 -4.70	42.70 2.21 -7.06	43.00 2.29 -10.21	45.52 1.90 -19.22	56.59 2.67 -27.18	57.48 2.83 -26.39	54.18 1.94 -29.74	51.88 1.56 -29.82	47.32 1.42 -25.58	37.82 1.50 -13.16	32.21 1.96 -4.11	29.34 1.82 -1.46
NARROWS_GT1_7 24234	28.74 1.74 -1.02	27.29 1.52 -0.01	27.63 1.45 -0.31	27.42 1.19 -2.79	28.81 1.15 -4.11	26.45 1.43 0.00	29.79 1.43 -2.41	32.20 1.48 -4.69	34.53 1.62 -6.34	36.69 1.89 -5.21	36.44 2.26 0.14	39.03 2.02 -3.33	41.44 2.15 -4.70	42.70 2.21 -7.06	43.00 2.29 -10.21	45.52 1.90 -19.22	56.59 2.67 -27.18	57.48 2.83 -26.39	54.18 1.94 -29.74	51.88 1.56 -29.82	47.32 1.42 -25.58	37.82 1.50 -13.16	32.21 1.96 -4.11	29.34 1.82 -1.46
NARROWS_GT1_8 24235	28.74 1.74 -1.02	27.29 1.52 -0.01	27.63 1.45 -0.31	27.42 1.19 -2.79	28.81 1.15 -4.11	26.45 1.43 0.00	29.79 1.43 -2.41	32.20 1.48 -4.69	34.53 1.62 -6.34	36.69 1.89 -5.21	36.44 2.26 0.14	39.03 2.02 -3.33	41.44 2.15 -4.70	42.70 2.21 -7.06	43.00 2.29 -10.21	45.52 1.90 -19.22	56.59 2.67 -27.18	57.48 2.83 -26.39	54.18 1.94 -29.74	51.88 1.56 -29.82	47.32 1.42 -25.58	37.82 1.50 -13.16	32.21 1.96 -4.11	29.34 1.82 -1.46
NARROWS_GT2_1 24236	28.74 1.74 -1.02	27.29 1.52 -0.01	27.63 1.45 -0.31	27.42 1.19 -2.79	28.81 1.15 -4.11	26.45 1.43 0.00	29.79 1.43 -2.41	32.20 1.48 -4.69	34.53 1.62 -6.34	36.69 1.89 -5.21	36.44 2.26 0.14	39.03 2.02 -3.33	41.44 2.15 -4.70	42.70 2.21 -7.06	43.00 2.29 -10.21	45.52 1.90 -19.22	56.59 2.67 -27.18	57.48 2.83 -26.39	54.18 1.94 -29.74	51.88 1.56 -29.82	47.32 1.42 -25.58	37.82 1.50 -13.16	32.21 1.96 -4.11	29.34 1.82 -1.46
NARROWS_GT2_2 24237	28.74 1.74 -1.02	27.29 1.52 -0.01	27.63 1.45 -0.31	27.42 1.19 -2.79	28.81 1.15 -4.11	26.45 1.43 0.00	29.79 1.43 -2.41	32.20 1.48 -4.69	34.53 1.62 -6.34	36.69 1.89 -5.21	36.44 2.26 0.14	39.03 2.02 -3.33	41.44 2.15 -4.70	42.70 2.21 -7.06	43.00 2.29 -10.21	45.52 1.90 -19.22	56.59 2.67 -27.18	57.48 2.83 -26.39	54.18 1.94 -29.74	51.88 1.56 -29.82	47.32 1.42 -25.58	37.82 1.50 -13.16	32.21 1.96 -4.11	29.34 1.82 -1.46
NARROWS_GT2_3 24238	28.74 1.74 -1.02	27.29 1.52 -0.01	27.63 1.45 -0.31	27.42 1.19 -2.79	28.81 1.15 -4.11	26.45 1.43 0.00	29.79 1.43 -2.41	32.20 1.48 -4.69	34.53 1.62 -6.34	36.69 1.89 -5.21	36.44 2.26 0.14	39.03 2.02 -3.33	41.44 2.15 -4.70	42.70 2.21 -7.06	43.00 2.29 -10.21	45.52 1.90 -19.22	56.59 2.67 -27.18	57.48 2.83 -26.39	54.18 1.94 -29.74	51.88 1.56 -29.82	47.32 1.42 -25.58	37.82 1.50 -13.16	32.21 1.96 -4.11	29.34 1.82 -1.46
NARROWS_GT2_4 24239	28.74 1.74 -1.02	27.29 1.52 -0.01	27.63 1.45 -0.31	27.42 1.19 -2.79	28.81 1.15 -4.11	26.45 1.43 0.00	29.79 1.43 -2.41	32.20 1.48 -4.69	34.53 1.62 -6.34	36.69 1.89 -5.21	36.44 2.26 0.14	39.03 2.02 -3.33	41.44 2.15 -4.70	42.70 2.21 -7.06	43.00 2.29 -10.21	45.52 1.90 -19.22	56.59 2.67 -27.18	57.48 2.83 -26.39	54.18 1.94 -29.74	51.88 1.56 -29.82	47.32 1.42 -25.58	37.82 1.50 -13.16	32.21 1.96 -4.11	29.34 1.82 -1.46

NARROWS_GT2_5 24240	28.74 1.74 -1.02	27.29 1.52 -0.01	27.63 1.45 -0.31	27.42 1.19 -2.79	28.81 1.15 -4.11	26.45 1.43 0.00	29.79 1.43 -2.41	32.20 1.48 -4.69	34.53 1.62 -6.34	36.69 1.89 -5.21	36.44 2.26 0.14	39.03 2.02 -3.33	41.44 2.15 -4.70	42.70 2.21 -7.06	43.00 2.29 -10.21	45.52 1.90 -19.22	56.59 2.67 -27.18	57.48 2.83 -26.39	54.18 1.94 -29.74	51.88 1.56 -29.82	47.32 1.42 -25.58	37.82 1.50 -13.16	32.21 1.96 -4.11	29.34 1.82 -1.46
NARROWS_GT2_6 24241	28.74 1.74 -1.02	27.29 1.52 -0.01	27.63 1.45 -0.31	27.42 1.19 -2.79	28.81 1.15 -4.11	26.45 1.43 0.00	29.79 1.43 -2.41	32.20 1.48 -4.69	34.53 1.62 -6.34	36.69 1.89 -5.21	36.44 2.26 0.14	39.03 2.02 -3.33	41.44 2.15 -4.70	42.70 2.21 -7.06	43.00 2.29 -10.21	45.52 1.90 -19.22	56.59 2.67 -27.18	57.48 2.83 -26.39	54.18 1.94 -29.74	51.88 1.56 -29.82	47.32 1.42 -25.58	37.82 1.50 -13.16	32.21 1.96 -4.11	29.34 1.82 -1.46
NARROWS_GT2_7 24242	28.74 1.74 -1.02	27.29 1.52 -0.01	27.63 1.45 -0.31	27.42 1.19 -2.79	28.81 1.15 -4.11	26.45 1.43 0.00	29.79 1.43 -2.41	32.20 1.48 -4.69	34.53 1.62 -6.34	36.69 1.89 -5.21	36.44 2.26 0.14	39.03 2.02 -3.33	41.44 2.15 -4.70	42.70 2.21 -7.06	43.00 2.29 -10.21	45.52 1.90 -19.22	56.59 2.67 -27.18	57.48 2.83 -26.39	54.18 1.94 -29.74	51.88 1.56 -29.82	47.32 1.42 -25.58	37.82 1.50 -13.16	32.21 1.96 -4.11	29.34 1.82 -1.46
NARROWS_GT2_8 24243	28.74 1.74 -1.02	27.29 1.52 -0.01	27.63 1.45 -0.31	27.42 1.19 -2.79	28.81 1.15 -4.11	26.45 1.43 0.00	29.79 1.43 -2.41	32.20 1.48 -4.69	34.53 1.62 -6.34	36.69 1.89 -5.21	36.44 2.26 0.14	39.03 2.02 -3.33	41.44 2.15 -4.70	42.70 2.21 -7.06	43.00 2.29 -10.21	45.52 1.90 -19.22	56.59 2.67 -27.18	57.48 2.83 -26.39	54.18 1.94 -29.74	51.88 1.56 -29.82	47.32 1.42 -25.58	37.82 1.50 -13.16	32.21 1.96 -4.11	29.34 1.82 -1.46
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	29.30 1.66 -1.66	27.59 1.83 0.00	28.06 1.68 -0.51	29.52 1.52 -4.55	31.77 1.51 -6.71	26.72 1.70 0.00	31.66 1.71 -3.99	30.82 2.03 -2.76	31.57 2.07 -2.93	32.44 2.25 -0.62	33.28 2.44 3.48	34.78 2.46 1.36	36.92 2.46 0.13	38.27 2.21 -2.63	38.95 2.01 -6.44	35.94 1.34 -10.21	56.15 1.50 -27.92	72.77 1.22 -43.29	72.29 1.01 -48.78	70.37 0.96 -48.91	63.24 0.98 -41.95	45.87 1.13 -21.58	34.05 1.18 -6.74	29.62 1.17 -2.39
NCHELSEA_115KV_TR2 355582	28.44 1.43 -1.03	27.18 1.42 0.00	27.58 1.40 -0.31	27.48 1.22 -2.81	28.88 1.18 -4.15	26.35 1.33 0.00	29.89 1.51 -2.43	32.42 1.61 -4.77	34.75 1.75 -6.43	36.82 1.95 -5.29	36.41 2.23 0.14	39.22 2.16 -3.38	41.57 2.21 -4.77	42.76 2.17 -7.16	42.95 2.10 -10.35	45.70 1.83 -19.48	56.60 2.33 -27.55	57.61 2.46 -26.89	54.63 1.82 -30.30	52.38 1.50 -30.38	47.82 1.44 -26.06	38.11 1.55 -13.41	32.08 1.75 -4.18	29.16 1.62 -1.48
NEG CAPITAL___MECHNVIL 23645	30.76 1.92 -2.85	27.56 1.80 0.00	28.55 1.81 -0.87	32.94 1.66 -7.83	36.77 1.67 -11.55	26.72 1.70 0.00	35.05 1.84 -7.26	51.37 1.82 -23.52	62.13 1.97 -33.60	63.04 2.22 -31.24	43.85 2.58 -6.96	60.32 2.63 -24.01	67.07 2.66 -29.82	74.48 2.57 -38.48	82.87 2.38 -49.99	124.38 2.02 -97.97	140.53 2.25 -111.56	104.92 2.26 -74.40	108.23 1.89 -83.83	106.29 1.74 -84.05	94.16 1.75 -72.10	62.21 1.97 -37.09	39.83 2.12 -11.58	32.25 2.09 -4.11
NEG CENTRAL_HIGH_ACRES 23767	25.60 -0.49 -0.12	25.22 -0.54 0.00	25.18 -0.72 -0.04	22.99 -0.77 -0.32	23.30 -0.73 -0.48	24.37 -0.65 0.00	25.11 -0.62 0.22	25.88 -0.44 -0.29	26.50 -0.43 -0.36	29.35 -0.47 -0.24	32.73 -0.38 1.21	33.00 -0.13 0.55	34.28 -0.17 0.14	33.86 -0.23 -0.66	31.89 -0.06 -1.45	27.59 0.46 -2.73	30.89 0.29 -3.86	32.47 0.40 -3.81	27.19 0.41 -4.28	25.20 0.41 -4.29	24.45 0.45 -3.68	25.30 0.26 -1.89	26.39 -0.34 -0.59	25.85 -0.42 -0.21
NEG CENTRAL___DRP 24199	26.11 0.00 -0.13	25.63 -0.13 0.00	25.68 -0.23 -0.04	23.57 -0.23 -0.36	23.89 -0.19 -0.53	25.02 0.00 0.00	25.92 -0.03 0.00	26.62 0.10 -0.48	27.27 0.08 -0.62	30.14 0.09 -0.47	33.75 0.24 0.81	33.96 0.44 0.16	35.09 0.31 -0.19	34.63 0.33 -0.86	32.62 0.55 -1.57	28.28 0.93 -2.96	31.77 0.86 -4.19	33.21 0.85 -4.10	27.99 0.90 -4.59	25.99 0.88 -4.61	25.14 0.87 -3.95	25.90 0.72 -2.03	27.06 0.29 -0.63	26.47 0.18 -0.22
NEG CENTRAL___INDECK 23768	26.94 0.78 -0.18	26.46 0.70 0.00	26.34 0.41 -0.05	24.19 0.26 -0.49	24.56 0.28 -0.73	25.49 0.47 0.00	26.39 0.52 0.08	27.20 0.60 -0.57	26.79 -0.51 -0.73	29.41 -0.71 -0.54	32.01 -1.06 1.24	32.53 -0.77 0.37	33.78 -0.93 -0.12	33.56 -0.94 -1.07	32.21 -0.33 -2.05	28.63 0.39 -3.86	32.45 0.27 -5.45	34.05 0.48 -5.31	29.41 0.92 -5.99	27.44 0.94 -6.00	26.58 1.12 -5.15	26.73 0.93 -2.65	27.20 0.23 -0.83	26.46 0.10 -0.29
NEG CENTRAL___SENECA 23627	26.26 0.13 -0.15	25.68 -0.08 0.00	25.68 -0.23 -0.05	23.66 -0.19 -0.40	24.00 -0.14 -0.60	25.10 0.08 0.00	25.94 0.08 0.09	26.72 0.21 -0.48	27.37 0.19 -0.61	30.24 0.21 -0.45	33.62 0.38 1.07	33.92 0.57 0.33	35.09 0.42 -0.09	34.73 0.40 -0.90	32.97 0.73 -1.74	28.82 1.15 -3.28	32.46 1.10 -4.64	33.86 1.07 -4.53	28.74 1.15 -5.09	26.69 1.09 -5.10	25.79 1.10 -4.38	26.35 0.95 -2.25	27.29 0.44 -0.70	26.65 0.34 -0.25
NEG CENTRAL___STATE_STREET 24147	26.21 0.10 -0.13	25.97 0.21 0.00	26.04 0.13 -0.04	23.86 0.07 -0.35	24.21 0.14 -0.52	25.32 0.30 0.00	26.14 0.08 -0.11	26.81 0.23 -0.54	27.52 0.24 -0.72	30.38 0.24 -0.56	34.22 0.45 0.55	34.37 0.64 -0.05	35.49 0.55 -0.35	34.91 0.57 -0.91	32.74 0.70 -1.54	28.26 0.98 -2.90	31.70 0.88 -4.09	33.25 0.96 -4.03	27.87 0.88 -4.49	25.88 0.88 -4.50	25.01 0.83 -3.86	25.86 0.72 -1.99	27.13 0.37 -0.62	26.52 0.23 -0.22
NEG MILLWOOD___DRP 24198	28.47 1.45 -1.03	27.20 1.44 0.00	27.61 1.42 -0.32	27.52 1.24 -2.83	28.93 1.20 -4.17	26.35 1.33 0.00	29.96 1.56 -2.45	32.48 1.67 -4.78	34.81 1.81 -6.44	36.94 2.07 -5.29	36.51 2.33 0.14	39.29 2.22 -3.39	41.68 2.32 -4.77	43.00 2.41 -7.17	43.24 2.38 -10.36	45.92 2.02 -19.51	56.90 2.59 -27.58	57.89 2.71 -26.92	54.81 1.98 -30.33	52.53 1.62 -30.41	48.01 1.61 -26.09	38.29 1.71 -13.42	32.16 1.83 -4.19	29.19 1.64 -1.49
NEG NORTH_FLCN_SEA 23793	26.63 0.65 0.00	26.46 0.70 0.00	26.59 0.72 0.00	24.15 0.70 0.00	24.26 0.71 0.00	25.67 0.65 0.00	26.37 0.42 0.00	26.45 0.42 0.00	27.10 0.53 0.00	29.58 0.00 0.00	34.18 -0.14 0.00	33.31 -0.37 0.00	34.17 -0.42 0.00	32.86 -0.57 0.00	29.77 -0.73 0.00	15.18 -1.00 8.21	13.92 -1.02 11.79	9.32 -1.13 17.81	9.25 -0.90 12.35	7.87 -0.82 11.81	9.56 -0.45 10.31	22.81 -0.35 0.00	25.83 -0.31 0.00	25.83 -0.23 0.00
NEG NORTH_KES_CHATAGAY 23792	26.32 0.34 0.00	26.15 0.39 0.00	26.28 0.41 0.00	23.89 0.45 0.00	23.97 0.42 0.00	25.40 0.38 0.00	26.11 0.16 0.00	26.16 0.13 0.00	26.78 0.21 0.00	29.46 -0.12 0.00	34.01 -0.31 0.00	33.17 -0.51 0.00	34.03 -0.55 0.00	32.73 -0.70 0.00	29.64 -0.85 0.00	15.18 -1.12 8.09	13.97 -1.15 11.61	9.45 -1.27 17.54	9.33 -1.01 12.16	7.97 -0.90 11.63	9.47 -0.69 10.15	22.55 -0.60 0.00	25.59 -0.55 0.00	25.59 -0.47 0.00



NEG NORTH___ALICE_FALLS 23915	26.63 0.65 0.00	26.43 0.67 0.00	26.57 0.70 0.00	24.12 0.68 0.00	24.23 0.68 0.00	25.65 0.63 0.00	26.34 0.39 0.00	26.45 0.42 0.00	27.10 0.53 0.00	29.67 0.09 0.00	34.29 -0.03 0.00	33.41 -0.27 0.00	34.28 -0.31 0.00	32.96 -0.47 0.00	29.86 -0.64 0.00	15.27 -0.93 8.19	14.03 -0.94 11.76	9.47 -1.02 17.77	9.37 -0.81 12.32	7.98 -0.74 11.78	9.63 -0.41 10.28	22.83 -0.32 0.00	25.85 -0.29 0.00	25.83 -0.23 0.00
NEG NORTH___LWR_SARANAC 23913	26.63 0.65 0.00	26.43 0.67 0.00	26.57 0.70 0.00	24.12 0.68 0.00	24.23 0.68 0.00	25.65 0.63 0.00	26.34 0.39 0.00	26.45 0.42 0.00	27.10 0.53 0.00	29.67 0.09 0.00	34.29 -0.03 0.00	33.41 -0.27 0.00	34.28 -0.31 0.00	32.96 -0.47 0.00	29.86 -0.64 0.00	15.27 -0.93 8.19	14.03 -0.94 11.76	9.47 -1.02 17.77	9.37 -0.81 12.32	7.98 -0.74 11.78	9.63 -0.41 10.28	22.83 -0.32 0.00	25.85 -0.29 0.00	25.83 -0.23 0.00
NEG NORTH___PLATTSBURG 23628	26.53 0.55 0.00	26.35 0.59 0.00	26.49 0.62 0.00	24.12 0.68 0.00	24.23 0.68 0.00	25.65 0.63 0.00	26.34 0.39 0.00	26.43 0.39 0.00	27.10 0.53 0.00	29.67 0.09 0.00	34.29 -0.03 0.00	33.41 -0.27 0.00	34.28 -0.31 0.00	32.96 -0.47 0.00	29.86 -0.64 0.00	15.27 -0.93 8.19	14.03 -0.94 11.76	9.47 -1.02 17.77	9.37 -0.81 12.32	7.98 -0.74 11.78	9.63 -0.41 10.28	22.83 -0.32 0.00	25.85 -0.29 0.00	25.83 -0.24 0.00
NEG WEST_LEA_LOCKPORT 23791	25.46 -0.68 -0.15	24.99 -0.77 0.00	24.67 -1.24 -0.05	22.90 -0.96 -0.42	23.21 -0.97 -0.62	24.37 -0.65 0.00	24.75 -0.99 0.22	25.45 -0.99 -0.41	26.15 -0.93 -0.51	28.80 -1.12 -0.35	31.68 -1.24 1.40	32.11 -0.98 0.59	33.31 -1.18 0.10	33.05 -1.24 -0.85	31.60 -0.70 -1.81	28.13 0.34 -3.40	31.62 0.08 -4.81	32.97 0.03 -4.68	28.14 0.36 -5.28	26.14 0.35 -5.29	25.40 0.55 -4.54	25.79 0.30 -2.33	26.48 -0.39 -0.73	25.95 -0.36 -0.26
NEG WEST___LANCASTR 23811	25.72 -0.44 -0.18	25.12 -0.64 0.00	24.92 -1.01 -0.06	23.20 -0.75 -0.50	23.52 -0.78 -0.74	24.52 -0.50 0.00	24.34 -1.53 0.09	25.21 -1.41 -0.58	25.90 -1.41 -0.75	28.56 -1.57 -0.55	31.30 -1.75 1.27	31.88 -1.41 0.38	33.01 -1.69 -0.12	32.91 -1.60 -1.09	32.41 -0.18 -2.09	29.09 0.76 -3.94	32.89 0.59 -5.57	33.58 -0.11 -5.43	29.32 0.70 -6.12	27.25 0.61 -6.13	26.35 0.77 -5.26	26.44 0.58 -2.71	26.91 -0.08 -0.84	26.26 -0.10 -0.30
NEG_PENN_ALLEGHNY 23528	26.68 0.34 -0.36	25.99 0.23 0.00	26.13 0.16 -0.11	24.50 0.07 -0.98	25.10 0.09 -1.45	25.20 0.18 0.00	26.70 0.10 -0.64	27.86 0.26 -1.57	28.88 0.21 -2.10	31.52 0.24 -1.70	34.07 0.34 0.59	34.96 0.51 -0.77	36.41 0.45 -1.37	36.35 0.47 -2.45	34.97 0.70 -3.77	32.47 0.98 -7.11	37.76 0.99 -10.04	39.01 0.96 -9.79	34.41 0.90 -11.01	32.40 0.86 -11.04	30.64 0.85 -9.47	28.79 0.76 -4.87	28.16 0.50 -1.52	27.02 0.42 -0.54
NEG___GEN_MONROE 24207	25.82 -0.29 -0.12	25.40 -0.36 0.00	25.28 -0.62 -0.04	23.29 -0.49 -0.34	23.58 -0.47 -0.50	24.75 -0.28 0.00	25.25 -0.36 0.34	25.99 -0.29 -0.24	26.66 -0.19 -0.28	29.47 -0.27 -0.15	32.68 -0.14 1.50	32.94 0.03 0.78	34.28 0.00 0.31	33.92 -0.13 -0.62	32.07 0.06 -1.51	27.85 0.61 -2.85	31.26 0.51 -4.03	32.78 0.59 -3.92	27.51 0.59 -4.42	25.50 0.57 -4.43	24.73 0.61 -3.80	25.57 0.46 -1.96	26.70 -0.05 -0.61	26.22 -0.05 -0.22
NEPA___ENERGY 23901	25.91 -0.26 -0.19	25.35 -0.41 0.00	25.15 -0.78 -0.06	23.44 -0.52 -0.51	23.74 -0.57 -0.75	24.75 -0.28 0.00	25.10 -0.78 0.08	25.97 -0.65 -0.59	26.69 -0.64 -0.76	29.46 -0.68 -0.56	32.33 -0.72 1.27	32.90 -0.40 0.37	34.10 -0.62 -0.13	33.93 -0.60 -1.10	32.76 0.15 -2.11	29.37 1.00 -3.98	33.23 0.88 -5.62	34.33 0.59 -5.47	29.62 0.95 -6.17	27.52 0.84 -6.19	26.62 1.00 -5.31	26.69 0.81 -2.73	27.20 0.21 -0.85	26.47 0.10 -0.30
NEVERSINK___HYD 23608	27.92 0.99 -0.96	26.59 0.82 0.00	26.96 0.80 -0.29	26.72 0.66 -2.62	28.03 0.61 -3.87	25.77 0.75 0.00	29.07 0.86 -2.26	31.37 0.94 -4.40	33.53 1.01 -5.95	35.57 1.10 -4.89	35.41 1.23 0.15	37.91 1.11 -3.12	40.14 1.14 -4.41	41.23 1.17 -6.63	41.28 1.19 -9.59	43.62 1.17 -18.06	53.89 1.63 -25.53	55.07 1.81 -25.00	52.02 1.35 -28.17	49.81 1.07 -28.24	45.56 1.02 -24.22	36.68 1.07 -12.46	31.23 1.20 -3.89	28.48 1.04 -1.38
NEWKRMKL_115KV_TB1 55635	29.16 0.99 -2.20	26.79 1.03 0.00	27.57 1.03 -0.67	30.38 0.91 -6.02	33.36 0.92 -8.89	26.00 0.98 0.00	32.20 0.96 -5.29	29.75 0.99 -2.72	30.02 0.96 -2.50	29.99 1.06 0.66	30.30 1.24 5.26	31.80 1.21 3.10	34.19 1.25 1.64	36.47 1.20 -1.84	38.31 1.16 -6.65	34.95 0.93 -9.64	61.70 0.99 -33.99	86.53 0.99 -57.28	87.79 0.74 -64.55	85.87 0.66 -64.72	76.48 0.65 -55.51	52.43 0.72 -28.56	35.87 0.81 -8.91	30.06 0.83 -3.16
NEWTON___FALLS_HYD 23847	26.50 0.52 0.00	26.17 0.41 0.00	26.26 0.39 0.00	23.82 0.38 0.00	23.95 0.40 0.00	25.50 0.48 0.00	26.40 0.44 0.00	26.56 0.52 0.00	26.96 0.40 0.00	29.95 0.44 0.08	34.42 0.27 0.18	33.79 0.27 0.15	34.71 0.24 0.12	33.41 0.03 0.05	30.44 -0.06 0.00	19.34 -0.37 4.68	19.52 -0.48 6.72	17.64 -0.57 10.06	15.16 -0.36 6.99	13.55 -0.27 6.68	14.22 -0.26 5.83	23.13 -0.02 0.00	26.38 0.24 0.00	26.32 0.26 0.00
NGRID_A1_DSASP 323792	25.38 -0.75 -0.16	24.76 -1.01 0.00	24.73 -1.19 -0.05	22.75 -1.12 -0.43	23.03 -1.15 -0.64	23.77 -1.25 0.00	24.40 -1.35 0.21	25.16 -1.30 -0.42	25.71 -1.38 -0.53	28.32 -1.63 -0.36	31.03 -1.89 1.40	31.55 -1.55 0.58	32.70 -1.80 0.09	32.43 -1.87 -0.88	31.00 -1.34 -1.84	27.65 -0.20 -3.46	31.14 -0.48 -4.89	32.49 -0.54 -4.76	27.76 -0.11 -5.37	25.80 -0.08 -5.38	25.03 0.10 -4.61	25.34 -0.19 -2.37	26.02 -0.86 -0.74	25.57 -0.76 -0.26
NGRID_A2_DSASP 323793	25.38 -0.75 -0.16	24.76 -1.01 0.00	24.73 -1.19 -0.05	22.75 -1.12 -0.43	23.03 -1.15 -0.64	23.77 -1.25 0.00	24.40 -1.35 0.21	25.16 -1.30 -0.42	25.71 -1.38 -0.53	28.32 -1.63 -0.36	31.03 -1.89 1.40	31.55 -1.55 0.58	32.70 -1.80 0.09	32.43 -1.87 -0.88	31.00 -1.34 -1.84	27.65 -0.20 -3.46	31.14 -0.48 -4.89	32.49 -0.54 -4.76	27.76 -0.11 -5.37	25.80 -0.08 -5.38	25.03 0.10 -4.61	25.34 -0.19 -2.37	26.02 -0.86 -0.74	25.57 -0.76 -0.26
NGRID_A4_DSASP 323807	25.23 -0.91 -0.16	24.47 -1.29 0.00	24.44 -1.47 -0.05	22.75 -1.13 -0.43	23.03 -1.15 -0.64	23.89 -1.13 0.00	24.40 -1.35 0.21	25.10 -1.35 -0.42	25.71 -1.38 -0.53	28.38 -1.57 -0.36	31.14 -1.78 1.40	31.55 -1.55 0.58	32.70 -1.80 0.09	32.43 -1.87 -0.87	30.99 -1.34 -1.84	27.65 -0.20 -3.46	31.14 -0.48 -4.89	32.49 -0.54 -4.76	27.76 -0.11 -5.37	25.80 -0.08 -5.38	25.03 0.10 -4.61	25.34 -0.19 -2.37	26.02 -0.86 -0.74	25.57 -0.76 -0.26
NIAGARA_115E_LBMP 323715	25.23 -0.91 -0.16	24.99 -0.77 0.00	24.57 -1.35 -0.05	22.59 -1.29 -0.43	22.89 -1.30 -0.64	23.97 -1.05 0.00	24.40 -1.35 0.20	25.10 -1.35 -0.42	25.75 -1.35 -0.53	28.35 -1.60 -0.37	31.01 -1.92 1.39	31.59 -1.51 0.57	32.75 -1.76 0.08	32.50 -1.81 -0.88	31.09 -1.25 -1.84	27.74 -0.12 -3.47	31.23 -0.40 -4.90	32.55 -0.48 -4.77	27.83 -0.04 -5.38	25.87 -0.02 -5.39	25.10 0.16 -4.62	25.42 -0.12 -2.38	26.07 -0.81 -0.74	25.59 -0.73 -0.26

NIAGARA_115W_LBMP 323714	25.33 -0.81 -0.16	24.70 -1.06 0.00	24.67 -1.24 -0.05	22.70 -1.17 -0.43	22.99 -1.20 -0.63	23.69 -1.33 0.00	24.32 -1.43 0.21	25.07 -1.38 -0.42	25.63 -1.46 -0.53	28.23 -1.72 -0.36	30.93 -1.99 1.40	31.45 -1.65 0.58	32.60 -1.90 0.09	32.33 -1.97 -0.87	30.90 -1.43 -1.83	27.55 -0.29 -3.46	31.05 -0.56 -4.88	32.39 -0.62 -4.75	27.66 -0.20 -5.36	25.73 -0.14 -5.37	24.96 0.04 -4.61	25.25 -0.28 -2.37	25.94 -0.94 -0.74	25.51 -0.81 -0.26
NIAGARA_230_LBMP 323716	25.49 -0.65 -0.15	25.04 -0.72 0.00	24.83 -1.09 -0.05	22.81 -1.05 -0.42	23.12 -1.06 -0.63	24.02 -1.00 0.00	24.64 -1.09 0.22	25.37 -1.07 -0.40	25.98 -1.09 -0.50	28.65 -1.27 -0.34	31.36 -1.54 1.42	31.90 -1.18 0.60	33.09 -1.38 0.11	32.81 -1.47 -0.85	31.36 -0.95 -1.81	27.87 0.07 -3.41	31.38 -0.16 -4.81	32.72 -0.23 -4.68	27.92 0.14 -5.28	25.95 0.16 -5.29	25.18 0.32 -4.54	25.56 0.07 -2.34	26.27 -0.60 -0.73	25.80 -0.52 -0.26
NIAGARA__115KV_198_GIBSON 55903	25.18 -0.96 -0.16	24.42 -1.34 0.00	24.42 -1.50 -0.05	22.70 -1.17 -0.43	22.98 -1.20 -0.63	23.82 -1.20 0.00	24.32 -1.43 0.21	25.02 -1.43 -0.42	25.63 -1.46 -0.53	28.28 -1.66 -0.36	31.07 -1.85 1.40	31.45 -1.65 0.58	32.60 -1.90 0.09	32.33 -1.97 -0.87	30.90 -1.43 -1.83	27.55 -0.29 -3.45	31.05 -0.56 -4.88	32.39 -0.62 -4.75	27.66 -0.20 -5.36	25.73 -0.14 -5.37	24.96 0.04 -4.61	25.25 -0.28 -2.37	25.94 -0.94 -0.74	25.52 -0.81 -0.26
NIAGARA____ 23760	25.28 -0.86 -0.16	24.81 -0.95 0.00	24.60 -1.32 -0.05	22.63 -1.24 -0.43	22.92 -1.27 -0.64	23.80 -1.23 0.00	24.37 -1.38 0.21	25.18 -1.28 -0.42	25.74 -1.35 -0.53	28.37 -1.57 -0.36	31.10 -1.82 1.40	31.61 -1.48 0.58	32.80 -1.69 0.09	32.56 -1.74 -0.87	31.11 -1.22 -1.83	27.71 -0.12 -3.45	31.22 -0.37 -4.87	32.57 -0.42 -4.74	27.80 -0.04 -5.34	25.84 -0.02 -5.36	25.06 0.14 -4.60	25.36 -0.16 -2.37	26.07 -0.81 -0.74	25.54 -0.78 -0.26
NINE_MILE_1 23575	25.20 -0.78 0.00	24.94 -0.83 0.00	25.01 -0.85 0.00	22.62 -0.82 0.00	22.75 -0.80 0.00	24.20 -0.83 0.00	21.62 -0.86 3.47	22.94 -0.81 2.29	22.42 -0.82 3.32	25.54 -0.92 3.13	25.81 -1.03 7.48	26.32 -0.94 6.41	28.55 -0.97 5.07	30.34 -0.94 2.15	29.74 -0.76 0.00	23.97 -0.41 0.00	26.19 -0.53 0.00	27.42 -0.57 0.28	22.12 -0.38 0.00	20.19 -0.31 0.00	20.01 -0.30 0.00	22.67 -0.49 0.00	25.38 -0.76 0.00	25.28 -0.78 0.00
NINE_MILE_2 23744	25.20 -0.78 0.00	24.94 -0.83 0.00	25.01 -0.85 0.00	22.62 -0.82 0.00	22.75 -0.80 0.00	24.20 -0.83 0.00	21.58 -0.86 3.52	22.91 -0.81 2.32	22.38 -0.82 3.36	25.50 -0.92 3.16	25.75 -1.00 7.57	26.25 -0.94 6.49	28.48 -0.97 5.14	30.32 -0.94 2.18	29.74 -0.76 0.00	23.97 -0.41 0.00	26.19 -0.53 0.00	27.41 -0.57 0.29	22.12 -0.38 0.00	20.19 -0.31 0.00	20.01 -0.30 0.00	22.67 -0.49 0.00	25.38 -0.76 0.00	25.28 -0.78 0.00
NM_CAPITAL____DRP 24208	29.17 1.01 -2.17	26.84 1.08 0.00	27.62 1.09 -0.67	30.37 0.96 -5.96	33.31 0.97 -8.80	26.02 1.00 0.00	32.14 0.99 -5.20	27.70 0.99 -0.67	26.97 1.01 0.60	26.80 1.12 3.91	29.02 1.30 6.61	29.05 1.28 5.91	31.04 1.31 4.87	32.86 1.27 1.84	34.12 1.22 -2.40	26.28 1.00 -0.89	54.62 1.04 -26.85	86.06 1.07 -56.72	87.23 0.81 -63.92	85.30 0.72 -64.08	76.00 0.71 -54.97	52.22 0.79 -28.28	35.86 0.89 -8.83	30.13 0.94 -3.13
NM_CENTRAL____DRP 24181	25.70 -0.36 -0.08	25.32 -0.44 0.00	25.40 -0.49 -0.02	23.22 -0.45 -0.22	23.46 -0.42 -0.33	24.65 -0.38 0.00	25.36 -0.44 0.15	25.92 -0.34 -0.23	26.50 -0.35 -0.28	29.41 -0.35 -0.18	33.16 -0.27 0.89	33.11 -0.17 0.40	34.32 -0.17 0.10	33.75 -0.17 -0.49	31.54 -0.03 -1.07	26.68 0.27 -2.02	29.78 0.19 -2.86	31.24 0.17 -2.81	25.89 0.25 -3.14	23.93 0.29 -3.15	23.32 0.30 -2.70	24.68 0.14 -1.39	26.42 -0.16 -0.43	25.98 -0.23 -0.15
NM_FRONTIER____DRP 24179	25.18 -0.96 -0.16	24.42 -1.34 0.00	24.42 -1.50 -0.05	22.70 -1.17 -0.43	22.98 -1.20 -0.63	23.82 -1.20 0.00	24.32 -1.43 0.21	25.02 -1.43 -0.42	25.63 -1.46 -0.53	28.28 -1.66 -0.36	31.07 -1.85 1.40	31.45 -1.65 0.58	32.60 -1.90 0.09	32.33 -1.97 -0.87	30.90 -1.43 -1.83	27.55 -0.29 -3.45	31.05 -0.56 -4.88	32.39 -0.62 -4.75	27.66 -0.20 -5.36	25.73 -0.14 -5.37	24.96 0.04 -4.61	25.25 -0.28 -2.37	25.94 -0.94 -0.74	25.52 -0.81 -0.26
NM_ST_REGIS____HYD 24053	26.42 0.44 0.00	26.12 0.36 0.00	26.23 0.36 0.00	23.82 0.38 0.00	23.95 0.40 0.00	25.40 0.38 0.00	26.24 0.29 0.00	26.32 0.29 0.00	26.86 0.29 0.00	29.82 0.24 0.00	34.25 -0.07 0.00	33.48 -0.20 0.00	34.35 -0.24 0.00	32.93 -0.50 0.00	29.86 -0.64 0.00	16.25 -1.20 6.95	15.39 -1.36 9.98	11.70 -1.53 15.04	10.86 -1.22 10.43	9.44 -1.09 9.97	10.59 -1.02 8.71	22.53 -0.63 0.00	25.96 -0.18 0.00	26.01 -0.05 0.00
NORTHPORT____1 23551	36.63 2.00 -8.64	31.72 1.88 -4.07	28.04 1.86 -0.31	27.84 1.59 -2.81	29.24 1.58 -4.11	28.59 1.83 -1.75	30.23 1.87 -2.41	32.21 1.48 -4.69	34.56 1.65 -6.35	36.83 2.04 -5.22	41.03 2.50 -4.21	42.90 2.29 -6.93	43.58 2.32 -6.68	43.99 2.27 -8.29	45.91 2.23 -13.19	50.93 1.90 -24.64	58.57 2.49 -29.35	56.71 2.66 -25.80	52.99 1.96 -28.53	55.24 1.58 -33.16	47.04 1.46 -25.26	43.89 1.60 -19.14	42.90 2.04 -14.72	41.60 2.14 -13.40
NORTHPORT____2 23552	36.63 2.00 -8.64	31.72 1.88 -4.07	28.04 1.86 -0.31	27.84 1.59 -2.81	29.24 1.58 -4.11	28.59 1.83 -1.75	30.23 1.87 -2.41	32.21 1.48 -4.69	34.56 1.65 -6.35	36.83 2.04 -5.22	41.03 2.50 -4.21	42.90 2.29 -6.93	43.58 2.32 -6.68	43.99 2.27 -8.29	45.91 2.23 -13.19	50.93 1.90 -24.64	58.57 2.49 -29.35	56.71 2.66 -25.80	52.99 1.96 -28.53	55.24 1.58 -33.16	47.04 1.46 -25.26	43.89 1.60 -19.14	42.90 2.04 -14.72	41.60 2.14 -13.40
NORTHPORT____3 23553	36.65 2.03 -8.64	31.74 1.91 -4.07	28.04 1.86 -0.31	27.87 1.62 -2.81	29.24 1.58 -4.11	28.59 1.83 -1.75	30.23 1.87 -2.41	32.41 1.69 -4.69	34.77 1.86 -6.35	37.04 2.25 -5.22	41.34 2.81 -4.21	43.27 2.66 -6.93	44.04 2.77 -6.68	44.47 2.74 -8.29	46.38 2.68 -13.20	51.31 2.27 -24.65	58.95 2.86 -29.36	57.33 2.99 -26.08	53.68 2.16 -29.01	55.47 1.80 -33.17	47.48 1.79 -25.38	44.23 1.95 -19.13	43.23 2.38 -14.71	41.68 2.21 -13.40
NORTHPORT____4 23650	36.65 2.03 -8.64	31.74 1.91 -4.07	28.04 1.86 -0.31	27.87 1.62 -2.81	29.24 1.58 -4.11	28.59 1.83 -1.75	30.23 1.87 -2.41	32.41 1.69 -4.69	34.77 1.86 -6.35	37.04 2.25 -5.22	41.34 2.81 -4.21	43.27 2.66 -6.93	44.04 2.77 -6.68	44.47 2.74 -8.29	46.38 2.68 -13.20	51.31 2.27 -24.65	58.95 2.86 -29.36	57.33 2.99 -26.08	53.68 2.16 -29.01	55.47 1.80 -33.17	47.48 1.79 -25.38	44.23 1.95 -19.13	43.23 2.38 -14.71	41.68 2.21 -13.40
NORTHPORT____IC 23718	36.63 2.00 -8.64	31.72 1.88 -4.07	28.04 1.86 -0.31	27.84 1.59 -2.81	29.24 1.58 -4.11	28.59 1.83 -1.75	30.23 1.87 -2.41	32.21 1.48 -4.69	34.56 1.65 -6.35	36.83 2.04 -5.22	41.03 2.50 -4.21	42.90 2.29 -6.93	43.58 2.32 -6.68	43.99 2.27 -8.29	45.91 2.23 -13.19	50.93 1.90 -24.64	58.57 2.49 -29.35	56.71 2.66 -25.80	52.99 1.96 -28.53	55.24 1.58 -33.16	47.04 1.46 -25.26	43.89 1.60 -19.14	42.90 2.04 -14.72	41.60 2.14 -13.40

NORTH__COUNTRY_ESR 323785	26.14 0.16 0.00	26.02 0.26 0.00	26.15 0.29 0.00	23.82 0.37 0.00	23.93 0.38 0.00	25.32 0.30 0.00	26.06 0.10 0.00	26.11 0.08 0.00	26.75 0.19 0.00	29.43 -0.15 0.00	33.98 -0.34 0.00	33.14 -0.54 0.00	34.00 -0.59 0.00	32.69 -0.74 0.00	29.61 -0.89 0.00	15.16 -1.15 8.08	13.92 -1.20 11.61	9.40 -1.33 17.54	9.29 -1.06 12.16	7.91 -0.96 11.63	9.40 -0.77 10.15	22.46 -0.69 0.00	25.51 -0.63 0.00	25.51 -0.55 0.00
NPX_GEN_1385_PROXY 323591	36.63 2.00 -8.64	31.77 1.93 -4.07	28.09 1.91 -0.31	27.89 1.64 -2.81	29.28 1.62 -4.11	28.65 1.88 -1.75	30.23 1.87 -2.41	32.21 1.48 -4.69	34.56 1.65 -6.35	36.83 2.04 -5.22	41.03 2.50 -4.21	42.90 2.29 -6.93	43.58 2.32 -6.68	43.99 2.27 -8.29	45.91 2.23 -13.19	50.93 1.90 -24.64	58.57 2.49 -29.35	56.71 2.66 -25.80	52.99 1.96 -28.53	55.24 1.58 -33.16	45.07 1.46 -23.29	45.86 1.60 -21.11	42.90 2.04 -14.72	41.60 2.14 -13.40
NPX_GEN_CSC 323557	37.12 2.49 -8.64	32.41 2.58 -4.07	28.72 2.54 -0.31	28.45 2.20 -2.81	29.83 2.17 -4.11	29.25 2.48 -1.75	30.86 2.49 -2.41	32.93 2.21 -4.69	35.25 2.34 -6.35	37.63 2.84 -5.22	42.10 3.57 -4.21	44.05 3.44 -6.93	44.73 3.46 -6.68	44.90 3.18 -8.29	46.77 3.08 -13.19	51.67 2.63 -24.64	59.41 3.31 -29.36	67.53 3.53 -35.74	71.13 2.63 -46.00	55.94 2.23 -33.20	50.32 2.11 -27.89	47.76 2.36 -22.24	44.43 2.98 -15.31	42.28 2.82 -13.40
NSINS_S_GLNS_FALLS 23858	31.33 2.39 -2.96	28.00 2.24 0.00	29.02 2.25 -0.91	33.64 2.09 -8.11	37.64 2.12 -11.97	27.17 2.15 0.00	35.73 2.34 -7.44	48.78 2.34 -20.40	57.89 2.52 -28.80	58.43 2.84 -26.01	41.95 3.16 -4.47	56.27 3.27 -19.32	62.37 3.22 -24.57	69.29 3.14 -32.72	76.82 2.71 -43.61	111.30 2.32 -84.59	131.59 2.59 -102.27	107.90 2.57 -77.07	111.64 2.30 -86.84	109.87 2.30 -87.07	97.32 2.32 -74.69	64.19 2.62 -38.42	40.91 2.77 -11.99	33.05 2.74 -4.25
NUCOR_STEEL__DRP 24197	26.26 0.16 -0.12	25.84 0.08 0.00	25.93 0.03 -0.04	23.73 -0.05 -0.33	24.07 0.02 -0.49	25.20 0.18 0.00	26.21 0.13 -0.12	26.83 0.26 -0.53	27.51 0.24 -0.70	30.40 0.27 -0.56	34.28 0.45 0.49	34.36 0.61 -0.08	35.47 0.52 -0.36	34.88 0.57 -0.88	32.61 0.64 -1.48	28.09 0.93 -2.78	31.49 0.83 -3.93	33.03 0.90 -3.87	27.64 0.83 -4.31	25.66 0.84 -4.32	24.84 0.81 -3.71	25.75 0.69 -1.91	27.13 0.39 -0.60	26.56 0.29 -0.21
NUMBER_THREE_WT_PWR 323818	26.63 0.65 0.00	26.23 0.46 0.00	26.31 0.44 0.00	23.84 0.40 0.00	24.00 0.45 0.00	25.57 0.55 0.00	26.53 0.65 0.07	26.77 0.78 0.05	27.08 0.58 0.07	30.18 0.71 0.11	34.82 0.75 0.26	34.23 0.78 0.22	35.17 0.76 0.18	33.99 0.63 0.07	31.11 0.61 0.00	22.62 0.49 2.26	23.94 0.45 3.24	23.95 0.45 4.76	19.68 0.49 3.32	17.86 0.53 3.17	18.06 0.51 2.77	23.73 0.58 0.00	26.74 0.60 0.00	26.55 0.49 0.00
NYISO_LBMP_REFERENCE 24008	25.98 0.00 0.00	25.76 0.00 0.00	25.87 0.00 0.00	23.44 0.00 0.00	23.55 0.00 0.00	25.02 0.00 0.00	25.95 0.00 0.00	26.03 0.00 0.00	26.57 0.00 0.00	29.58 0.00 0.00	34.32 0.00 0.00	33.68 0.00 0.00	34.59 0.00 0.00	33.43 0.00 0.00	30.50 0.00 0.00	24.39 0.00 0.00	26.73 0.00 0.00	28.26 0.00 0.00	22.50 0.00 0.00	20.50 0.00 0.00	20.32 0.00 0.00	23.15 0.00 0.00	26.14 0.00 0.00	26.06 0.00 0.00
NYPA_BRENTWD__GT 24164	37.01 2.39 -8.65	32.13 2.29 -4.07	28.43 2.25 -0.31	28.19 1.94 -2.81	29.57 1.91 -4.11	28.97 2.20 -1.75	30.62 2.26 -2.41	32.68 1.95 -4.69	35.04 2.13 -6.35	37.37 2.57 -5.22	41.75 3.23 -4.21	43.67 3.06 -6.93	44.41 3.15 -6.68	44.79 3.07 -8.29	46.68 2.99 -13.19	51.57 2.54 -24.64	59.29 3.21 -29.36	69.78 3.42 -38.10	75.21 2.56 -50.14	55.90 2.13 -33.27	53.18 2.01 -30.85	44.74 2.22 -19.36	43.64 2.67 -14.84	42.07 2.61 -13.40
NYPA_GOWANUS__GT5 24156	28.74 1.74 -1.02	27.29 1.52 -0.01	27.63 1.45 -0.31	27.42 1.19 -2.79	28.81 1.15 -4.11	26.45 1.43 0.00	29.79 1.43 -2.41	32.20 1.48 -4.69	34.53 1.62 -6.34	36.69 1.89 -5.21	36.44 2.26 0.14	39.03 2.02 -3.33	41.44 2.15 -4.70	42.70 2.21 -7.06	42.96 2.26 -10.21	45.52 1.90 -19.22	56.59 2.67 -27.18	57.48 2.83 -26.39	54.18 1.94 -29.74	51.86 1.54 -29.82	47.32 1.42 -25.58	37.82 1.50 -13.16	32.21 1.96 -4.11	29.34 1.82 -1.46
NYPA_GOWANUS__GT6 24157	28.74 1.74 -1.02	27.29 1.52 -0.01	27.63 1.45 -0.31	27.42 1.19 -2.79	28.81 1.15 -4.11	26.45 1.43 0.00	29.79 1.43 -2.41	32.20 1.48 -4.69	34.53 1.62 -6.34	36.69 1.89 -5.21	36.44 2.26 0.14	39.03 2.02 -3.33	41.44 2.15 -4.70	42.70 2.21 -7.06	42.96 2.26 -10.21	45.52 1.90 -19.22	56.59 2.67 -27.18	57.48 2.83 -26.39	54.18 1.94 -29.74	51.86 1.54 -29.82	47.32 1.42 -25.58	37.82 1.50 -13.16	32.21 1.96 -4.11	29.34 1.82 -1.46
NYPA_HARLEM_RVR_GT1 24160	28.67 1.66 -1.02	27.26 1.49 -0.01	27.63 1.45 -0.32	27.48 1.24 -2.79	28.87 1.20 -4.12	26.50 1.48 -0.01	29.79 1.43 -2.41	32.10 1.38 -4.69	34.31 1.41 -6.34	36.41 1.63 -5.21	36.27 2.09 0.14	39.00 1.99 -3.33	41.40 2.11 -4.70	42.70 2.21 -7.06	43.00 2.29 -10.21	45.49 1.88 -19.22	56.48 2.57 -27.18	57.43 2.77 -26.39	54.09 1.85 -29.74	51.87 1.54 -29.83	47.22 1.32 -25.58	37.80 1.48 -13.16	32.22 1.96 -4.12	29.32 1.80 -1.46
NYPA_HARLEM_RVR_GT2 24161	28.67 1.66 -1.02	27.26 1.49 -0.01	27.63 1.45 -0.32	27.48 1.24 -2.79	28.87 1.20 -4.12	26.50 1.48 -0.01	29.79 1.43 -2.41	32.10 1.38 -4.69	34.31 1.41 -6.34	36.41 1.63 -5.21	36.27 2.09 0.14	39.00 1.99 -3.33	41.40 2.11 -4.70	42.70 2.21 -7.06	43.00 2.29 -10.21	45.49 1.88 -19.22	56.48 2.57 -27.18	57.43 2.77 -26.39	54.09 1.85 -29.74	51.87 1.54 -29.83	47.22 1.32 -25.58	37.80 1.48 -13.16	32.22 1.96 -4.12	29.32 1.80 -1.46
NYPA_KENT__GT 24152	28.69 1.69 -1.02	27.24 1.47 -0.01	27.57 1.40 -0.31	27.40 1.17 -2.79	28.79 1.13 -4.11	26.42 1.40 0.00	29.79 1.43 -2.41	32.20 1.48 -4.69	34.50 1.59 -6.34	36.66 1.86 -5.21	36.41 2.23 0.14	39.03 2.02 -3.33	41.44 2.15 -4.70	42.70 2.21 -7.06	42.96 2.26 -10.21	45.49 1.88 -19.22	56.54 2.62 -27.19	57.43 2.77 -26.39	54.16 1.91 -29.74	51.84 1.52 -29.82	47.30 1.40 -25.58	37.80 1.48 -13.16	32.16 1.91 -4.11	29.29 1.77 -1.46
NYPA_POUCH1__GT 24155	28.72 1.71 -1.02	27.26 1.49 -0.01	27.60 1.42 -0.31	27.40 1.17 -2.79	28.77 1.11 -4.11	26.40 1.38 0.00	29.69 1.32 -2.41	32.63 1.40 -5.19	35.98 1.51 -7.90	34.41 1.80 -3.02	34.28 2.16 2.20	35.80 1.88 -0.23	37.59 1.97 -1.03	39.36 2.07 -3.85	42.87 2.17 -10.20	45.42 1.80 -19.22	56.47 2.57 -27.18	57.39 2.74 -26.39	54.11 1.87 -29.74	51.79 1.48 -29.82	47.25 1.36 -25.57	37.72 1.41 -13.16	32.14 1.88 -4.11	29.29 1.77 -1.46
NYPA_VERNON__GT2 24162	28.64 1.64 -1.02	27.19 1.42 -0.01	27.52 1.34 -0.31	27.38 1.15 -2.79	28.77 1.11 -4.11	26.40 1.38 0.00	29.79 1.43 -2.41	32.20 1.48 -4.69	34.48 1.57 -6.34	36.60 1.80 -5.21	36.38 2.20 0.14	39.03 2.02 -3.33	41.44 2.15 -4.70	42.70 2.21 -7.06	42.96 2.26 -10.21	45.49 1.88 -19.22	56.48 2.57 -27.19	57.37 2.71 -26.39	54.11 1.87 -29.74	51.82 1.50 -29.82	47.28 1.38 -25.58	37.77 1.46 -13.16	32.13 1.88 -4.11	29.24 1.72 -1.46

NYPA_VERNON____GT3 24163	28.64	27.19	27.52	27.38	28.77	26.40	29.79	32.20	34.48	36.60	36.38	39.03	41.44	42.70	42.96	45.49	56.48	57.37	54.11	51.82	47.28	37.77	32.13	29.24
	1.64	1.42	1.34	1.15	1.11	1.38	1.43	1.48	1.57	1.80	2.20	2.02	2.15	2.21	2.26	1.88	2.57	2.71	1.87	1.50	1.38	1.46	1.88	1.72
	-1.02	-0.01	-0.31	-2.79	-4.11	0.00	-2.41	-4.69	-6.34	-5.21	0.14	-3.33	-4.70	-7.06	-10.21	-19.22	-27.19	-26.39	-29.74	-29.82	-25.58	-13.16	-4.11	-1.46
NYPA____ASTORIA_CC1 323568	28.62	27.19	27.52	27.35	28.74	26.37	29.76	32.15	34.45	36.54	36.31	38.97	41.37	42.66	42.90	45.44	56.45	57.34	54.07	51.80	47.22	37.73	32.10	29.21
	1.61	1.42	1.34	1.13	1.08	1.35	1.40	1.43	1.54	1.74	2.13	1.95	2.08	2.17	2.20	1.83	2.54	2.69	1.82	1.48	1.32	1.41	1.86	1.69
	-1.02	-0.01	-0.31	-2.79	-4.11	0.00	-2.41	-4.69	-6.34	-5.21	0.14	-3.33	-4.70	-7.06	-10.21	-19.22	-27.18	-26.39	-29.74	-29.82	-25.58	-13.16	-4.11	-1.46
NYPA____ASTORIA_CC2 323569	28.62	27.19	27.52	27.35	28.74	26.37	29.76	32.15	34.45	36.54	36.31	38.97	41.37	42.66	42.90	45.44	56.45	57.34	54.07	51.80	47.22	37.73	32.10	29.21
	1.61	1.42	1.34	1.13	1.08	1.35	1.40	1.43	1.54	1.74	2.13	1.95	2.08	2.17	2.20	1.83	2.54	2.69	1.82	1.48	1.32	1.41	1.86	1.69
	-1.02	-0.01	-0.31	-2.79	-4.11	0.00	-2.41	-4.69	-6.34	-5.21	0.14	-3.33	-4.70	-7.06	-10.21	-19.22	-27.18	-26.39	-29.74	-29.82	-25.58	-13.16	-4.11	-1.46
NYPA____HOLTSVILL 23794	36.88	32.05	28.35	28.15	29.52	28.89	30.52	32.60	34.93	37.25	41.62	43.57	44.32	44.63	46.53	51.42	59.11	67.09	70.68	55.69	52.03	45.51	44.03	41.94
	2.26	2.22	2.17	1.90	1.86	2.13	2.15	1.88	2.02	2.45	3.09	2.96	3.04	2.91	2.84	2.39	3.02	3.22	2.41	1.99	1.91	2.11	2.59	2.48
	-8.64	-4.07	-0.31	-2.81	-4.11	-1.75	-2.41	-4.69	-6.35	-5.22	-4.21	-6.93	-6.68	-8.29	-13.19	-24.64	-29.36	-35.61	-45.77	-33.20	-29.81	-20.25	-15.30	-13.40
NYPA____HELLGATE_GT1 24158	28.67	27.26	27.63	27.48	28.87	26.50	29.79	32.10	34.31	36.41	36.27	39.00	41.40	42.70	43.00	45.49	56.48	57.43	54.09	51.87	47.22	37.80	32.22	29.32
	1.66	1.49	1.45	1.24	1.20	1.48	1.43	1.38	1.41	1.63	2.09	1.99	2.11	2.21	2.29	1.88	2.57	2.77	1.85	1.54	1.32	1.48	1.96	1.80
	-1.02	-0.01	-0.32	-2.79	-4.12	-0.01	-2.41	-4.69	-6.34	-5.21	0.14	-3.33	-4.70	-7.06	-10.21	-19.22	-27.18	-26.39	-29.74	-29.83	-25.58	-13.16	-4.12	-1.46
NYPA____HELLGATE_GT2 24159	28.67	27.26	27.63	27.48	28.87	26.50	29.79	32.10	34.31	36.41	36.27	39.00	41.40	42.70	43.00	45.49	56.48	57.43	54.09	51.87	47.22	37.80	32.22	29.32
	1.66	1.49	1.45	1.24	1.20	1.48	1.43	1.38	1.41	1.63	2.09	1.99	2.11	2.21	2.29	1.88	2.57	2.77	1.85	1.54	1.32	1.48	1.96	1.80
	-1.02	-0.01	-0.32	-2.79	-4.12	-0.01	-2.41	-4.69	-6.34	-5.21	0.14	-3.33	-4.70	-7.06	-10.21	-19.22	-27.18	-26.39	-29.74	-29.83	-25.58	-13.16	-4.12	-1.46
NYS_BARGE____HYD 23848	25.61	25.30	24.96	22.92	23.20	24.27	24.75	25.52	26.16	28.82	31.61	32.14	33.34	33.07	31.62	28.13	31.64	32.97	28.15	26.12	25.39	25.80	26.50	25.98
	-0.52	-0.46	-0.96	-0.94	-0.97	-0.75	-0.99	-0.91	-0.90	-1.09	-1.30	-0.94	-1.14	-1.20	-0.67	0.37	0.13	0.06	0.41	0.37	0.57	0.32	-0.37	-0.34
	-0.15	0.00	-0.05	-0.42	-0.62	0.00	0.22	-0.40	-0.50	-0.34	1.41	0.60	0.11	-0.84	-1.79	-3.38	-4.77	-4.65	-5.24	-5.25	-4.51	-2.32	-0.72	-0.26
OAK ORCHARD____HYD 24046	26.00	25.66	25.54	23.36	23.64	24.69	25.33	26.13	26.72	29.57	32.74	33.10	34.37	34.07	32.21	27.91	31.27	32.86	27.56	25.53	24.82	25.67	26.77	26.28
	-0.10	-0.10	-0.36	-0.42	-0.40	-0.33	-0.28	-0.13	-0.11	-0.15	-0.07	0.20	0.10	0.03	0.21	0.71	0.56	0.71	0.67	0.64	0.73	0.58	0.03	0.00
	-0.12	0.00	-0.04	-0.33	-0.49	0.00	0.34	-0.23	-0.26	-0.14	1.51	0.79	0.32	-0.61	-1.50	-2.82	-3.98	-3.89	-4.38	-4.39	-3.77	-1.94	-0.61	-0.21
OAKDALE__35_KV_LOAD 356122	26.45	25.79	25.93	24.41	25.01	25.10	26.57	27.69	28.73	31.35	33.85	34.72	36.17	36.13	34.79	32.33	37.62	38.86	34.32	32.30	30.55	28.67	28.01	26.89
	0.10	0.03	-0.05	-0.02	0.00	0.08	-0.03	0.08	0.05	0.06	0.14	0.27	0.21	0.23	0.49	0.78	0.78	0.73	0.72	0.68	0.69	0.60	0.34	0.29
	-0.36	0.00	-0.11	-0.99	-1.46	0.00	-0.64	-1.58	-2.12	-1.71	0.60	-0.77	-1.38	-2.47	-3.80	-7.16	-10.12	-9.86	-11.10	-11.13	-9.54	-4.91	-1.53	-0.54
OCC_CHEM____DRP 24175	25.23	24.47	24.44	22.75	23.03	23.89	24.40	25.10	25.71	28.38	31.14	31.55	32.70	32.43	30.99	27.65	31.14	32.49	27.76	25.80	25.03	25.34	26.02	25.57
	-0.91	-1.29	-1.47	-1.13	-1.15	-1.13	-1.35	-1.35	-1.38	-1.57	-1.78	-1.55	-1.80	-1.87	-1.34	-0.20	-0.48	-0.54	-0.11	-0.08	0.10	-0.19	-0.86	-0.76
	-0.16	0.00	-0.05	-0.43	-0.64	0.00	0.21	-0.42	-0.53	-0.36	1.40	0.58	0.09	-0.87	-1.84	-3.46	-4.89	-4.76	-5.37	-5.38	-4.61	-2.37	-0.74	-0.26
OH_GEN_PROXY 24063	25.49	25.04	24.83	22.84	23.12	24.04	24.65	25.43	26.04	28.69	31.43	31.97	33.13	32.88	31.43	27.91	31.46	32.80	27.99	26.00	23.25	27.57	26.30	25.80
	-0.65	-0.72	-1.09	-1.03	-1.06	-0.98	-1.09	-1.02	-1.04	-1.24	-1.47	-1.11	-1.35	-1.40	-0.89	0.10	-0.11	-0.17	0.18	0.18	0.35	0.09	-0.58	-0.52
	-0.16	0.00	-0.05	-0.43	-0.63	0.00	0.22	-0.41	-0.51	-0.35	1.42	0.60	0.11	-0.86	-1.82	-3.42	-4.84	-4.71	-5.30	-5.32	-2.59	-4.32	-0.73	-0.26
OLIN_CORP_DRP 24177	25.15	24.73	24.36	22.66	22.95	24.14	24.46	25.14	25.81	28.45	31.22	31.67	32.86	32.58	31.16	27.81	31.34	32.67	27.92	25.97	25.20	25.48	26.13	25.65
	-0.99	-1.03	-1.55	-1.22	-1.25	-0.88	-1.30	-1.33	-1.30	-1.51	-1.72	-1.45	-1.66	-1.74	-1.19	-0.07	-0.32	-0.40	0.00	0.04	0.22	-0.07	-0.76	-0.68
	-0.16	0.00	-0.05	-0.44	-0.64	0.00	0.20	-0.43	-0.55	-0.38	1.39	0.56	0.07	-0.89	-1.85	-3.49	-4.93	-4.81	-5.42	-5.43	-4.66	-2.40	-0.75	-0.27
OLIN_CORP_DSASP 323712	25.38	24.76	24.73	22.75	23.03	23.77	24.40	25.16	25.71	28.32	31.03	31.55	32.70	32.43	31.00	27.65	31.14	32.49	27.76	25.80	25.03	25.34	26.02	25.57
	-0.75	-1.01	-1.19	-1.12	-1.15	-1.25	-1.35	-1.30	-1.38	-1.63	-1.89	-1.55	-1.80	-1.87	-1.34	-0.20	-0.48	-0.54	-0.11	-0.08	0.10	-0.19	-0.86	-0.76
	-0.16	0.00	-0.05	-0.43	-0.64	0.00	0.21	-0.42	-0.53	-0.36	1.40	0.58	0.09	-0.88	-1.84	-3.46	-4.89	-4.76	-5.37	-5.38	-4.61	-2.37	-0.74	-0.26
ONEIDA_HERK_LFGE 323681	26.65	26.23	26.31	23.82	23.95	25.52	26.57	26.84	27.23	30.38	35.14	34.55	35.51	34.42	31.54	25.07	27.32	28.69	22.96	20.92	20.74	23.94	26.87	26.69
	0.67	0.46	0.44	0.37	0.40	0.50	0.73	0.89	0.77	0.92	1.10	1.11	1.11	1.07	1.04	0.98	1.02	1.02	0.88	0.82	0.77	0.79	0.73	0.62
	0.00	0.00	0.00	0.00	0.00	0.00	0.11	0.08	0.11	0.12	0.28	0.24	0.19	0.08	0.00	0.29	0.42	0.59	0.41	0.40	0.35	0.00	0.00	0.00
ONEIDA____115KV_TB4 55905	26.63	26.20	26.28	23.79	23.95	25.55	26.43	26.75	27.10	30.26	34.89	34.40	35.40	34.39	31.63	25.58	27.99	29.55	23.60	21.54	21.31	24.10	26.95	26.76
	0.65	0.44	0.41	0.35	0.40	0.53	0.70	0.86	0.74	0.89	1.06	1.15	1.14	1.10	1.13	1.20	1.26	1.27	1.10	1.05	1.00	0.95	0.81	0.70
	0.00	0.00	0.00	0.00	0.00	0.00	0.22	0.15	0.21	0.21	0.49	0.42	0.33	0.14	0.00	0.00	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00

ONONDAGA_REF_OCCRA 23987	25.85 -0.23 -0.11	25.43 -0.33 0.00	25.51 -0.39 -0.03	23.38 -0.35 -0.29	23.65 -0.33 -0.43	24.75 -0.28 0.00	25.61 -0.31 0.04	26.20 -0.21 -0.38	26.81 -0.24 -0.48	29.70 -0.24 -0.36	33.41 -0.14 0.77	33.43 -0.03 0.21	34.65 -0.03 -0.10	34.09 -0.03 -0.69	31.91 0.09 -1.32	27.26 0.39 -2.48	30.55 0.32 -3.50	32.04 0.34 -3.44	26.71 0.36 -3.85	24.75 0.39 -3.86	24.01 0.39 -3.31	25.11 0.25 -1.70	26.62 -0.05 -0.53	26.14 -0.10 -0.19
ONONDAGA___COGEN 23986	25.95 -0.13 -0.10	25.53 -0.23 0.00	25.61 -0.28 -0.03	23.41 -0.30 -0.27	23.69 -0.26 -0.39	24.85 -0.18 0.00	25.81 -0.21 -0.07	26.35 -0.10 -0.42	26.99 -0.13 -0.55	29.89 -0.12 -0.43	33.83 0.00 0.49	33.78 0.10 0.00	34.90 0.07 -0.25	34.25 0.10 -0.72	31.95 0.21 -1.24	27.18 0.46 -2.33	30.42 0.40 -3.29	31.91 0.40 -3.25	26.52 0.41 -3.61	24.55 0.43 -3.62	23.85 0.43 -3.11	25.03 0.28 -1.60	26.61 -0.03 -0.50	26.16 -0.08 -0.18
ONTARIO___LFGE 23819	26.36 0.23 -0.15	25.81 0.05 0.00	25.81 -0.10 -0.05	23.66 -0.19 -0.40	24.01 -0.14 -0.60	25.05 0.03 0.00	25.94 0.08 0.09	26.76 0.26 -0.47	27.35 0.19 -0.60	30.20 0.18 -0.45	33.59 0.34 1.07	33.92 0.57 0.33	35.09 0.42 -0.09	34.73 0.40 -0.90	32.96 0.73 -1.73	28.80 1.15 -3.26	32.44 1.10 -4.61	33.86 1.07 -4.53	28.74 1.15 -5.09	26.69 1.09 -5.10	25.79 1.10 -4.38	26.35 0.95 -2.25	27.29 0.44 -0.70	26.65 0.34 -0.25
ORANGEVILLE_WT_PWR 323706	26.07 -0.10 -0.19	25.55 -0.21 0.00	25.36 -0.57 -0.06	23.41 -0.56 -0.53	23.74 -0.59 -0.78	24.60 -0.43 0.00	25.24 -0.67 0.04	26.15 -0.52 -0.64	26.78 -0.61 -0.83	29.49 -0.71 -0.62	32.25 -0.86 1.22	32.90 -0.47 0.31	34.10 -0.69 -0.20	33.89 -0.70 -1.17	32.62 -0.06 -2.18	29.28 0.78 -4.11	33.15 0.62 -5.81	34.34 0.42 -5.65	29.64 0.77 -6.37	27.60 0.72 -6.39	26.67 0.87 -5.48	26.64 0.67 -2.82	27.07 0.05 -0.88	26.37 0.00 -0.31
ORANGEVILLE___ESR 323794	26.07 -0.10 -0.19	25.55 -0.21 0.00	25.36 -0.57 -0.06	23.41 -0.56 -0.53	23.74 -0.59 -0.78	24.60 -0.43 0.00	25.24 -0.67 0.04	26.15 -0.52 -0.64	26.78 -0.61 -0.83	29.49 -0.71 -0.62	32.25 -0.86 1.22	32.90 -0.47 0.31	34.10 -0.69 -0.20	33.89 -0.70 -1.17	32.62 -0.06 -2.18	29.28 0.78 -4.11	33.15 0.62 -5.81	34.34 0.42 -5.65	29.64 0.77 -6.37	27.60 0.72 -6.39	26.67 0.87 -5.48	26.64 0.67 -2.82	27.07 0.05 -0.88	26.37 0.00 -0.31
OSWEGATCHIE___HYD 24044	26.45 0.47 0.00	26.15 0.39 0.00	26.23 0.36 0.00	23.82 0.37 0.00	23.95 0.40 0.00	25.49 0.47 0.00	26.40 0.44 0.00	26.53 0.49 0.00	26.97 0.40 0.00	29.95 0.44 0.08	34.41 0.27 0.18	33.79 0.27 0.15	34.71 0.24 0.12	33.41 0.03 0.05	30.44 -0.06 0.00	19.34 -0.37 4.68	19.52 -0.48 6.72	17.64 -0.57 10.06	15.16 -0.36 6.99	13.55 -0.27 6.68	14.22 -0.26 5.83	23.13 -0.02 0.00	26.38 0.23 0.00	26.32 0.26 0.00
OSWEGO___5 23606	25.41 -0.57 0.00	25.14 -0.62 0.00	25.20 -0.67 0.00	22.81 -0.63 0.00	22.92 -0.63 0.00	24.40 -0.62 0.00	26.56 -0.67 -1.28	26.55 -0.60 -1.11	27.53 -0.61 -1.57	30.32 -0.68 -1.42	35.88 -0.76 -2.32	35.32 -0.64 -2.29	35.88 -0.69 -1.99	34.04 -0.67 -1.28	30.86 -0.52 -0.88	25.85 -0.20 -1.66	28.78 -0.29 -2.35	30.43 -0.31 -2.48	24.89 -0.18 -2.57	22.95 -0.12 -2.58	22.43 -0.10 -2.21	24.01 -0.28 -1.14	25.97 -0.52 -0.35	25.61 -0.57 -0.13
OSWEGO___6 23613	25.41 -0.57 0.00	25.14 -0.62 0.00	25.20 -0.67 0.00	22.81 -0.63 0.00	22.92 -0.63 0.00	24.40 -0.62 0.00	26.56 -0.67 -1.28	26.55 -0.60 -1.11	27.53 -0.61 -1.57	30.32 -0.68 -1.42	35.88 -0.76 -2.32	35.32 -0.64 -2.29	35.88 -0.69 -1.99	34.04 -0.67 -1.28	30.86 -0.52 -0.88	25.85 -0.20 -1.66	28.78 -0.29 -2.35	30.43 -0.31 -2.48	24.89 -0.18 -2.57	22.95 -0.12 -2.58	22.43 -0.10 -2.21	24.01 -0.28 -1.14	25.97 -0.52 -0.35	25.61 -0.57 -0.13
OUTOKUMPU-AB___DRP 24206	25.78 -0.36 -0.16	25.12 -0.64 0.00	24.93 -0.98 -0.05	23.20 -0.68 -0.44	23.47 -0.73 -0.65	24.55 -0.48 0.00	24.96 -0.80 0.19	25.75 -0.73 -0.44	26.41 -0.72 -0.56	29.05 -0.92 -0.39	31.95 -1.00 1.38	32.39 -0.74 0.55	33.56 -0.97 0.06	33.33 -1.00 -0.90	31.91 -0.46 -1.87	28.57 0.66 -3.52	32.16 0.45 -4.98	33.45 0.34 -4.85	28.62 0.65 -5.46	26.55 0.57 -5.48	25.79 0.77 -4.70	26.15 0.58 -2.42	26.79 -0.10 -0.75	26.25 -0.08 -0.27
OXBOW___ 24026	25.72 -0.42 -0.16	25.14 -0.62 0.00	25.01 -0.91 -0.05	23.01 -0.87 -0.44	23.30 -0.89 -0.64	24.12 -0.90 0.00	24.74 -1.01 0.20	25.53 -0.94 -0.43	26.13 -0.98 -0.54	28.74 -1.21 -0.38	31.56 -1.37 1.39	32.07 -1.04 0.56	33.24 -1.28 0.07	33.02 -1.30 -0.89	31.56 -0.79 -1.85	28.20 0.32 -3.49	31.75 0.08 -4.94	33.07 0.00 -4.81	28.25 0.34 -5.41	26.25 0.33 -5.43	25.48 0.51 -4.66	25.83 0.28 -2.40	26.47 -0.42 -0.75	25.99 -0.34 -0.27
OXY_CHEM_DSASP 323612	25.23 -0.91 -0.16	24.47 -1.29 0.00	24.44 -1.47 -0.05	22.75 -1.13 -0.43	23.03 -1.15 -0.64	23.89 -1.13 0.00	24.40 -1.35 0.21	25.10 -1.35 -0.42	25.71 -1.38 -0.53	28.38 -1.57 -0.36	31.14 -1.78 1.40	31.55 -1.55 0.58	32.70 -1.80 0.09	32.43 -1.87 -0.87	30.99 -1.34 -1.84	27.65 -0.20 -3.46	31.14 -0.48 -4.89	32.49 -0.54 -4.76	27.76 -0.11 -5.37	25.80 -0.08 -5.38	25.03 0.10 -4.61	25.34 -0.19 -2.37	26.02 -0.86 -0.74	25.57 -0.76 -0.26
OZONE_PARK_ESR 323760	28.53 1.53 -1.02	27.23 1.47 0.00	27.58 1.40 -0.31	27.42 1.20 -2.79	28.81 1.15 -4.11	26.40 1.38 0.00	29.92 1.56 -2.41	32.36 1.64 -4.69	34.66 1.78 -6.31	36.81 2.04 -5.19	36.55 2.37 0.14	39.29 2.29 -3.32	41.66 2.39 -4.68	42.90 2.44 -7.03	43.13 2.47 -10.16	45.60 2.07 -19.13	56.53 2.75 -27.05	57.57 2.91 -26.39	54.31 2.07 -29.74	51.98 1.66 -29.82	47.50 1.61 -25.58	37.96 1.64 -13.16	32.23 1.99 -4.11	29.34 1.82 -1.46
PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	25.23 -0.91 -0.16	24.47 -1.29 0.00	24.44 -1.47 -0.05	22.75 -1.13 -0.43	23.03 -1.15 -0.64	23.89 -1.13 0.00	24.40 -1.35 0.21	25.10 -1.35 -0.42	25.71 -1.38 -0.53	28.38 -1.57 -0.36	31.14 -1.78 1.40	31.55 -1.55 0.58	32.70 -1.80 0.09	32.43 -1.87 -0.87	30.99 -1.34 -1.84	27.65 -0.20 -3.46	31.14 -0.48 -4.89	32.49 -0.54 -4.76	27.76 -0.11 -5.37	25.80 -0.08 -5.38	25.03 0.10 -4.61	25.34 -0.19 -2.37	26.02 -0.86 -0.74	25.57 -0.76 -0.26
PACKARD__115KV_DUPONT_184 80571	25.23 -0.91 -0.16	24.47 -1.29 0.00	24.44 -1.47 -0.05	22.75 -1.13 -0.43	23.03 -1.15 -0.64	23.89 -1.13 0.00	24.40 -1.35 0.21	25.10 -1.35 -0.42	25.71 -1.38 -0.53	28.38 -1.57 -0.36	31.14 -1.78 1.40	31.55 -1.55 0.58	32.70 -1.80 0.09	32.43 -1.87 -0.87	30.99 -1.34 -1.84	27.65 -0.20 -3.46	31.14 -0.48 -4.89	32.49 -0.54 -4.76	27.76 -0.11 -5.37	25.80 -0.08 -5.38	25.03 0.10 -4.61	25.34 -0.19 -2.37	26.02 -0.86 -0.74	25.57 -0.76 -0.26
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	28.54 1.53 -1.02	27.24 1.47 -0.01	27.61 1.42 -0.32	27.46 1.22 -2.79	28.85 1.18 -4.12	26.45 1.43 0.00	29.79 1.43 -2.41	32.10 1.38 -4.69	34.31 1.43 -6.31	36.40 1.63 -5.19	36.24 2.06 0.14	38.98 1.99 -3.32	41.41 2.14 -4.68	42.66 2.21 -7.03	42.95 2.29 -10.16	45.40 1.88 -19.13	56.38 2.59 -27.06	57.40 2.74 -26.39	54.09 1.85 -29.74	51.87 1.54 -29.83	47.22 1.32 -25.58	37.79 1.48 -13.16	32.22 1.96 -4.12	29.32 1.80 -1.46

PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	28.87 1.87 -1.02	27.44 1.67 -0.01	27.82 1.63 -0.32	27.62 1.38 -2.79	29.03 1.37 -4.12	26.70 1.68 0.00	30.16 1.79 -2.41	32.52 1.80 -4.69	34.74 1.86 -6.31	36.84 2.07 -5.19	36.75 2.57 0.14	39.46 2.46 -3.32	41.90 2.63 -4.68	43.17 2.71 -7.03	43.40 2.74 -10.16	45.77 2.24 -19.13	56.81 3.02 -27.06	57.85 3.19 -26.39	54.45 2.21 -29.74	52.17 1.84 -29.83	47.52 1.63 -25.58	38.12 1.81 -13.16	32.58 2.33 -4.12	29.66 2.14 -1.46
PATROON__115KV_TB1 80586	29.34 1.07 -2.29	26.87 1.11 0.00	27.68 1.11 -0.70	30.72 0.98 -6.29	33.82 0.99 -9.28	26.05 1.03 0.00	32.50 1.01 -5.53	30.43 1.04 -3.35	30.98 1.04 -3.38	30.89 1.18 -0.13	30.55 1.37 5.14	32.50 1.35 2.53	35.07 1.38 0.91	37.56 1.30 -2.83	39.78 1.28 -8.00	37.65 1.02 -12.23	65.04 1.10 -37.22	89.20 1.10 -59.83	90.76 0.83 -67.42	88.84 0.74 -67.60	79.03 0.73 -57.98	53.79 0.81 -29.83	36.37 0.91 -9.31	30.30 0.94 -3.30
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	25.85 -0.31 -0.18	25.25 -0.52 0.00	25.02 -0.91 -0.05	23.30 -0.63 -0.49	23.58 -0.68 -0.72	24.65 -0.38 0.00	24.64 -1.19 0.12	25.53 -1.04 -0.54	26.22 -1.04 -0.69	28.93 -1.15 -0.50	31.75 -1.27 1.30	32.31 -0.94 0.43	33.48 -1.18 -0.07	33.36 -1.10 -1.04	32.56 0.03 -2.03	29.16 0.95 -3.82	32.91 0.78 -5.40	33.78 0.25 -5.26	29.29 0.86 -5.93	27.20 0.76 -5.95	26.35 0.93 -5.10	26.54 0.76 -2.62	27.04 0.08 -0.82	26.40 0.05 -0.29
PAWLING_115_KV_BK3_REV_LBMP_H 345028	28.47 1.45 -1.03	27.20 1.44 0.00	27.61 1.42 -0.32	27.52 1.24 -2.83	28.93 1.20 -4.17	26.35 1.33 0.00	29.96 1.56 -2.45	32.48 1.67 -4.78	34.81 1.81 -6.44	36.94 2.07 -5.29	36.51 2.33 0.14	39.29 2.22 -3.39	41.68 2.32 -4.77	43.00 2.41 -7.17	43.24 2.38 -10.36	45.92 2.02 -19.51	56.90 2.59 -27.58	57.89 2.71 -26.92	54.81 1.98 -30.33	52.53 1.62 -30.41	48.01 1.61 -26.09	38.29 1.71 -13.42	32.16 1.83 -4.19	29.19 1.64 -1.49
PEEKSKILL____ 23653	28.28 1.30 -1.01	26.89 1.13 0.00	27.29 1.11 -0.31	27.14 0.94 -2.76	28.54 0.92 -4.07	26.12 1.10 0.00	29.56 1.22 -2.38	31.92 1.25 -4.64	34.20 1.35 -6.28	36.31 1.57 -5.16	36.03 1.85 0.14	38.69 1.72 -3.30	41.04 1.80 -4.65	42.26 1.84 -6.99	42.46 1.86 -10.10	45.03 1.61 -19.03	55.74 2.11 -26.90	56.62 2.23 -26.12	53.54 1.60 -29.44	51.29 1.27 -29.52	46.87 1.24 -25.32	37.47 1.30 -13.02	31.72 1.52 -4.07	28.88 1.38 -1.44
PGE MADISON__WINDPWR 24146	28.63 2.23 -0.41	27.54 1.78 0.00	27.67 1.68 -0.13	25.98 1.41 -1.13	26.71 1.48 -1.67	26.85 1.83 0.00	28.83 2.08 -0.80	30.32 2.45 -1.84	31.06 2.02 -2.48	33.81 2.22 -2.01	36.39 2.61 0.53	37.41 2.73 -1.01	38.92 2.66 -1.67	38.86 2.57 -2.85	37.45 2.62 -4.32	35.24 2.71 -8.14	41.13 2.89 -11.51	42.48 3.03 -11.19	37.77 2.68 -12.59	35.63 2.50 -12.63	33.59 2.44 -10.83	31.11 2.39 -5.57	29.92 2.04 -1.74	28.42 1.75 -0.62
PIERCEFIELD__HYD 23852	26.40 0.42 0.00	26.10 0.33 0.00	26.20 0.34 0.00	23.77 0.33 0.00	23.90 0.35 0.00	25.37 0.35 0.00	26.21 0.26 0.00	26.32 0.29 0.00	26.81 0.24 0.00	29.85 0.27 0.00	34.18 -0.14 0.00	33.44 -0.24 0.00	34.35 -0.24 0.00	32.89 -0.53 0.00	29.83 -0.67 0.00	16.40 -1.24 6.74	15.58 -1.47 9.68	12.04 -1.64 14.58	11.08 -1.31 10.12	9.66 -1.17 9.67	10.74 -1.14 8.44	22.48 -0.67 0.00	26.01 -0.13 0.00	26.09 0.03 0.00
PINELAWN_CC_1 323563	36.81 2.18 -8.65	31.90 2.06 -4.07	28.22 2.04 -0.31	28.01 1.76 -2.81	29.40 1.74 -4.11	28.77 2.00 -1.75	30.41 2.05 -2.41	32.54 1.82 -4.69	34.88 1.97 -6.35	37.16 2.37 -5.22	41.48 2.95 -4.21	43.40 2.79 -6.93	44.17 2.91 -6.68	44.59 2.88 -8.29	46.49 2.80 -13.19	51.20 2.17 -24.64	58.76 2.67 -29.36	59.46 2.83 -28.37	57.62 2.07 -33.05	55.46 1.78 -33.18	48.48 1.73 -26.43	44.44 2.08 -19.20	43.40 2.51 -14.75	41.86 2.40 -13.40
PJM_GEN_HTP_PROXY 323702	28.45 1.45 -1.02	27.00 1.24 0.00	27.37 1.19 -0.31	27.24 1.01 -2.79	28.63 0.97 -4.11	26.22 1.20 0.00	29.71 1.35 -2.41	32.13 1.40 -4.69	34.42 1.51 -6.34	36.54 1.74 -5.21	36.27 2.09 0.14	38.97 1.95 -3.33	41.33 2.04 -4.70	42.60 2.11 -7.06	42.81 2.10 -10.21	45.42 1.80 -19.22	56.31 2.41 -27.18	57.23 2.57 -26.39	54.04 1.80 -29.74	51.73 1.41 -29.82	45.26 1.34 -23.60	39.68 1.39 -15.13	31.95 1.70 -4.11	29.08 1.56 -1.46
PJM_GEN_KEystone 24065	26.95 0.34 -0.63	24.96 0.18 0.98	24.09 0.03 1.80	22.84 -0.02 0.58	23.09 -0.05 0.41	24.00 0.10 1.12	25.97 0.00 -0.02	28.04 0.08 -1.93	30.20 0.11 -3.53	32.43 0.12 -2.73	33.54 0.14 0.92	35.10 0.24 -1.18	36.81 0.17 -2.05	37.47 0.24 -3.81	37.50 0.58 -6.42	37.39 0.90 -12.10	44.93 1.10 -17.10	45.89 1.02 -16.61	42.12 0.90 -18.71	40.00 0.74 -18.76	35.19 0.75 -14.12	34.08 0.67 -10.25	29.28 0.55 -2.58	27.42 0.44 -0.92
PJM_GEN_NEPTUNE_PROXY 323594	36.39 1.77 -8.64	31.43 1.60 -4.07	27.76 1.58 -0.31	27.61 1.36 -2.81	28.98 1.32 -4.11	28.32 1.55 -1.75	29.97 1.61 -2.41	32.15 1.43 -4.69	34.48 1.57 -6.35	36.72 1.92 -5.22	40.89 2.37 -4.21	42.83 2.22 -6.93	43.58 2.32 -6.68	44.02 2.30 -8.28	45.97 2.29 -13.19	50.98 1.95 -24.64	58.60 2.51 -29.35	57.43 2.66 -26.52	54.20 1.91 -29.79	55.25 1.58 -33.17	45.45 1.52 -23.61	45.84 1.62 -21.07	42.85 2.01 -14.70	41.36 1.90 -13.40
PJM_GEN_VFT_PROXY 323633	28.32 1.32 -1.02	26.84 1.08 0.00	27.18 1.01 -0.30	27.06 0.84 -2.78	28.45 0.80 -4.10	26.10 1.08 0.00	29.56 1.19 -2.41	30.89 1.25 -3.60	30.89 1.35 -2.97	31.55 1.54 -0.43	31.53 1.85 4.64	31.96 1.72 3.43	33.08 1.80 3.31	35.36 1.87 -0.06	42.63 1.92 -10.21	45.25 1.63 -19.22	56.15 2.25 -27.18	57.06 2.40 -26.39	53.89 1.64 -29.74	51.59 1.27 -29.82	45.12 1.20 -23.60	39.51 1.23 -15.13	31.82 1.57 -4.11	28.92 1.41 -1.46
PLATSBRG_115KV_PMLD1 355749	26.60 0.62 0.00	26.43 0.67 0.00	26.57 0.70 0.00	24.12 0.68 0.00	24.23 0.68 0.00	25.67 0.65 0.00	26.34 0.39 0.00	26.45 0.42 0.00	27.07 0.50 0.00	29.64 0.06 0.00	34.22 -0.10 0.00	33.38 -0.30 0.00	34.24 -0.35 0.00	32.89 -0.53 0.00	29.80 -0.70 0.00	15.20 -0.98 8.21	13.95 -0.99 11.79	9.34 -1.10 17.81	9.27 -0.88 12.35	7.89 -0.80 11.81	9.54 -0.47 10.31	22.78 -0.37 0.00	25.80 -0.34 0.00	25.80 -0.26 0.00
PLEASANTVLY__LBMP 24000	28.16 1.12 -1.06	26.87 1.11 0.00	27.30 1.11 -0.32	27.34 0.98 -2.91	28.78 0.94 -4.29	26.10 1.08 0.00	29.67 1.19 -2.52	32.13 1.20 -4.90	34.44 1.28 -6.59	36.51 1.45 -5.48	36.04 1.72 0.00	38.89 1.62 -3.59	41.27 1.69 -4.99	42.51 1.70 -7.38	42.81 1.71 -10.61	45.83 1.46 -19.98	56.84 1.87 -28.24	57.82 2.01 -27.55	54.99 1.44 -31.05	52.80 1.17 -31.13	48.15 1.14 -26.70	38.07 1.18 -13.74	31.81 1.39 -4.29	28.88 1.30 -1.52
PLSNTVLE_13_KV_13.8KVDIST 80602	28.28 1.27 -1.02	27.00 1.24 0.00	27.40 1.22 -0.31	27.30 1.05 -2.81	28.73 1.04 -4.14	26.22 1.20 0.00	29.73 1.35 -2.43	32.14 1.38 -4.72	34.41 1.49 -6.36	36.52 1.72 -5.23	36.24 2.06 0.14	38.98 1.95 -3.34	41.34 2.04 -4.72	42.61 2.11 -7.08	42.84 2.10 -10.23	45.47 1.80 -19.27	56.30 2.33 -27.24	57.31 2.46 -26.59	54.26 1.80 -29.96	51.97 1.43 -30.04	47.46 1.38 -25.76	37.84 1.44 -13.25	31.95 1.67 -4.14	29.07 1.54 -1.47

PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	28.28 1.27 -1.02	27.00 1.24 0.00	27.40 1.22 -0.31	27.30 1.05 -2.81	28.73 1.04 -4.14	26.22 1.20 0.00	29.73 1.35 -2.43	32.14 1.38 -4.72	34.41 1.49 -6.36	36.52 1.72 -5.23	36.24 2.06 0.14	38.98 1.95 -3.34	41.34 2.04 -4.72	42.61 2.11 -7.08	42.84 2.10 -10.23	45.47 1.80 -19.27	56.30 2.33 -27.24	57.31 2.46 -26.59	54.26 1.80 -29.96	51.97 1.43 -30.04	47.46 1.38 -25.76	37.84 1.44 -13.25	31.95 1.67 -4.14	29.07 1.54 -1.47
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	28.39 1.35 -1.06	27.13 1.37 0.00	27.54 1.35 -0.32	27.54 1.20 -2.90	28.98 1.15 -4.28	26.30 1.28 0.00	29.90 1.43 -2.51	32.45 1.51 -4.90	34.78 1.59 -6.62	36.83 1.80 -5.44	36.24 2.06 0.14	39.15 1.99 -3.49	41.54 2.04 -4.91	42.81 2.01 -7.37	43.13 1.98 -10.65	46.16 1.71 -20.06	57.24 2.14 -28.37	58.23 2.29 -27.68	55.38 1.69 -31.19	53.14 1.37 -31.27	48.48 1.34 -26.82	38.39 1.44 -13.80	32.07 1.62 -4.31	29.10 1.51 -1.53
POLETTI____ 23519	28.27 1.27 -1.02	26.97 1.21 0.00	27.32 1.14 -0.31	27.21 0.98 -2.79	28.60 0.94 -4.11	26.17 1.15 0.00	29.66 1.30 -2.41	32.10 1.38 -4.69	34.37 1.49 -6.31	36.45 1.69 -5.19	36.17 1.99 0.14	38.88 1.89 -3.32	41.28 2.01 -4.68	42.53 2.07 -7.03	42.73 2.07 -10.16	45.28 1.76 -19.13	56.16 2.38 -27.05	57.20 2.54 -26.39	54.00 1.76 -29.74	51.71 1.39 -29.82	47.22 1.32 -25.58	37.68 1.37 -13.16	31.95 1.70 -4.11	29.05 1.54 -1.46
PORT_JEFF_3 23555	36.96 2.34 -8.64	32.16 2.32 -4.07	28.46 2.28 -0.31	28.22 1.97 -2.81	29.59 1.93 -4.11	28.99 2.23 -1.75	30.60 2.23 -2.41	32.68 1.95 -4.69	35.04 2.13 -6.35	37.37 2.57 -5.22	41.75 3.23 -4.21	43.71 3.10 -6.93	44.45 3.18 -6.68	44.80 3.07 -8.29	46.68 2.99 -13.19	51.57 2.54 -24.64	59.22 3.13 -29.36	67.43 3.33 -35.84	71.15 2.48 -46.18	55.77 2.07 -33.20	52.26 2.03 -29.91	45.67 2.22 -20.30	44.18 2.72 -15.33	42.07 2.61 -13.40
PORT_JEFF_4 23616	36.96 2.34 -8.64	32.16 2.32 -4.07	28.46 2.28 -0.31	28.22 1.97 -2.81	29.59 1.93 -4.11	28.99 2.23 -1.75	30.60 2.23 -2.41	32.68 1.95 -4.69	35.04 2.13 -6.35	37.37 2.57 -5.22	41.75 3.23 -4.21	43.71 3.10 -6.93	44.45 3.18 -6.68	44.80 3.07 -8.29	46.68 2.99 -13.19	51.57 2.54 -24.64	59.22 3.13 -29.36	67.43 3.33 -35.84	71.15 2.48 -46.18	55.77 2.07 -33.20	52.26 2.03 -29.91	45.67 2.22 -20.30	44.18 2.72 -15.33	42.07 2.61 -13.40
PORT_JEFF_IC 23713	37.01 2.39 -8.64	32.20 2.37 -4.07	28.51 2.33 -0.31	28.29 2.04 -2.81	29.66 2.00 -4.11	29.04 2.28 -1.75	30.65 2.28 -2.41	32.75 2.03 -4.69	35.09 2.18 -6.35	37.46 2.66 -5.22	41.86 3.33 -4.21	43.81 3.20 -6.93	44.59 3.32 -6.68	44.90 3.18 -8.29	46.77 3.08 -13.19	51.67 2.63 -24.64	59.19 3.10 -29.36	68.14 3.31 -36.57	72.45 2.48 -47.47	55.75 2.05 -33.20	52.67 2.09 -30.26	45.92 2.29 -20.47	44.36 2.80 -15.42	42.12 2.66 -13.40
PPL PILGRIM_ST_GT1 24216	37.01 2.39 -8.65	32.13 2.29 -4.07	28.43 2.25 -0.31	28.19 1.94 -2.81	29.57 1.91 -4.11	28.97 2.20 -1.75	30.62 2.26 -2.41	32.68 1.95 -4.69	35.04 2.13 -6.35	37.37 2.57 -5.22	41.75 3.23 -4.21	43.67 3.06 -6.93	44.41 3.15 -6.68	44.79 3.07 -8.29	46.68 2.99 -13.19	51.57 2.54 -24.64	59.29 3.21 -29.36	69.78 3.42 -38.10	75.21 2.56 -50.14	55.90 2.13 -33.27	53.18 2.01 -30.85	44.74 2.22 -19.36	43.64 2.67 -14.84	42.07 2.61 -13.40
PPL PILGRIM_ST_GT2 24217	37.01 2.39 -8.65	32.13 2.29 -4.07	28.43 2.25 -0.31	28.19 1.94 -2.81	29.57 1.91 -4.11	28.97 2.20 -1.75	30.62 2.26 -2.41	32.68 1.95 -4.69	35.04 2.13 -6.35	37.37 2.57 -5.22	41.75 3.23 -4.21	43.67 3.06 -6.93	44.41 3.15 -6.68	44.79 3.07 -8.29	46.68 2.99 -13.19	51.57 2.54 -24.64	59.29 3.21 -29.36	69.78 3.42 -38.10	75.21 2.56 -50.14	55.90 2.13 -33.27	53.18 2.01 -30.85	44.74 2.22 -19.36	43.64 2.67 -14.84	42.07 2.61 -13.40
PPL_SHRM_GT3 24213	37.12 2.49 -8.64	32.41 2.58 -4.07	28.69 2.51 -0.31	28.45 2.20 -2.81	29.83 2.17 -4.11	29.25 2.48 -1.75	30.86 2.49 -2.41	32.93 2.21 -4.69	35.25 2.34 -6.35	37.63 2.84 -5.22	42.06 3.54 -4.21	44.05 3.44 -6.93	44.73 3.46 -6.68	44.90 3.18 -8.29	46.81 3.11 -13.19	51.67 2.63 -24.64	59.43 3.34 -29.36	67.80 3.56 -35.98	71.60 2.68 -46.42	55.96 2.25 -33.20	52.43 2.13 -29.98	45.84 2.36 -20.32	44.46 2.98 -15.34	42.30 2.84 -13.40
PPL_SHRM_GT4 24214	37.12 2.49 -8.64	32.41 2.58 -4.07	28.69 2.51 -0.31	28.45 2.20 -2.81	29.83 2.17 -4.11	29.25 2.48 -1.75	30.86 2.49 -2.41	32.93 2.21 -4.69	35.25 2.34 -6.35	37.63 2.84 -5.22	42.06 3.54 -4.21	44.05 3.44 -6.93	44.73 3.46 -6.68	44.90 3.18 -8.29	46.81 3.11 -13.19	51.67 2.63 -24.64	59.43 3.34 -29.36	67.80 3.56 -35.98	71.60 2.68 -46.42	55.96 2.25 -33.20	52.43 2.13 -29.98	45.84 2.36 -20.32	44.46 2.98 -15.34	42.30 2.84 -13.40
PROJECT____ORANGE 1 24174	25.73 -0.34 -0.08	25.35 -0.41 0.00	25.43 -0.47 -0.03	23.23 -0.45 -0.23	23.46 -0.42 -0.34	24.67 -0.35 0.00	25.39 -0.42 0.15	25.95 -0.31 -0.23	26.54 -0.32 -0.29	29.44 -0.33 -0.19	33.18 -0.24 0.90	33.14 -0.13 0.40	34.35 -0.14 0.10	33.80 -0.13 -0.50	31.59 0.00 -1.09	26.73 0.29 -2.05	29.84 0.21 -2.90	31.31 0.20 -2.85	25.96 0.27 -3.19	24.00 0.31 -3.19	23.36 0.30 -2.74	24.72 0.16 -1.41	26.42 -0.16 -0.44	26.01 -0.21 -0.16
PROJECT____ORANGE 2 24166	25.73 -0.34 -0.08	25.35 -0.41 0.00	25.43 -0.47 -0.03	23.23 -0.45 -0.23	23.46 -0.42 -0.34	24.67 -0.35 0.00	25.39 -0.42 0.15	25.95 -0.31 -0.23	26.54 -0.32 -0.29	29.44 -0.33 -0.19	33.18 -0.24 0.90	33.14 -0.13 0.40	34.35 -0.14 0.10	33.80 -0.13 -0.50	31.59 0.00 -1.09	26.73 0.29 -2.05	29.84 0.21 -2.90	31.31 0.20 -2.85	25.96 0.27 -3.19	24.00 0.31 -3.19	23.36 0.30 -2.74	24.72 0.16 -1.41	26.42 -0.16 -0.44	26.01 -0.21 -0.16
PUCKETT____SOLAR 323809	27.05 0.67 -0.40	26.28 0.52 0.00	26.43 0.44 -0.12	24.87 0.33 -1.10	25.54 0.38 -1.62	25.49 0.47 0.00	27.20 0.49 -0.75	28.45 0.65 -1.76	29.50 0.56 -2.37	32.13 0.62 -1.92	34.55 0.79 0.56	35.52 0.91 -0.93	37.04 0.87 -1.58	37.04 0.87 -2.75	35.74 1.07 -4.18	33.55 1.29 -7.87	39.19 1.34 -11.12	40.42 1.33 -10.83	35.90 1.21 -12.18	33.86 1.15 -12.21	31.93 1.14 -10.48	29.61 1.07 -5.39	28.63 0.81 -1.68	27.33 0.68 -0.60
PYRITES____HYD 24023	26.79 0.81 0.00	26.41 0.64 0.00	26.51 0.65 0.00	24.08 0.63 0.00	24.21 0.66 0.00	25.70 0.68 0.00	26.60 0.65 0.00	26.76 0.73 0.00	27.20 0.64 0.00	30.32 0.74 0.00	34.80 0.48 0.00	34.08 0.40 0.00	34.97 0.38 0.00	33.56 0.13 0.00	30.47 -0.03 0.00	16.74 -0.73 6.91	15.92 -0.88 9.93	12.28 -1.02 14.96	11.34 -0.79 10.38	9.88 -0.70 9.92	10.96 -0.69 8.66	22.94 -0.21 0.00	26.40 0.26 0.00	26.43 0.36 0.00
QUAKERRD_115KV_BK1 80622	25.24 -0.86 -0.12	24.83 -0.93 0.00	24.79 -1.11 -0.04	22.78 -0.98 -0.32	23.06 -0.97 -0.47	24.14 -0.88 0.00	24.68 -0.91 0.37	25.42 -0.83 -0.22	26.04 -0.77 -0.25	28.82 -0.89 -0.12	31.99 -0.82 1.51	32.24 -0.64 0.80	33.53 -0.73 0.34	33.24 -0.77 -0.58	31.41 -0.55 -1.46	27.14 0.00 -2.75	30.43 -0.19 -3.89	31.97 -0.08 -3.79	26.77 0.00 -4.27	24.82 0.04 -4.28	24.09 0.10 -3.67	24.93 -0.12 -1.89	26.05 -0.68 -0.59	25.54 -0.73 -0.21

QUENSBRY_I15KV_TB8 356137	31.36 2.42 -2.97	28.08 2.32 0.00	29.08 2.30 -0.91	33.74 2.16 -8.14	37.74 2.19 -12.00	27.25 2.23 0.00	35.79 2.39 -7.45	48.55 2.40 -20.12	57.55 2.60 -28.38	58.05 2.93 -25.55	41.80 3.23 -4.25	55.95 3.37 -18.90	62.01 3.32 -24.10	68.88 3.24 -32.20	76.32 2.78 -43.04	110.17 2.39 -83.40	130.81 2.65 -101.43	108.20 2.63 -77.31	111.97 2.36 -87.11	110.20 2.36 -87.34	97.61 2.38 -74.91	64.38 2.69 -38.54	41.02 2.85 -12.03	33.12 2.79 -4.27
RAMAPO____LBMP 323565	27.97 1.01 -0.98	26.74 0.98 0.00	27.12 0.96 -0.30	26.94 0.82 -2.68	28.28 0.78 -3.95	25.95 0.93 0.00	29.33 1.06 -2.31	31.63 1.09 -4.50	33.83 1.20 -6.06	35.92 1.36 -4.98	35.79 1.61 0.15	38.34 1.48 -3.18	40.64 1.56 -4.49	41.79 1.60 -6.75	41.88 1.62 -9.76	44.22 1.44 -18.39	54.62 1.90 -26.00	55.64 2.01 -25.37	52.50 1.42 -28.58	50.29 1.13 -28.66	45.98 1.08 -24.58	36.93 1.13 -12.65	31.45 1.36 -3.95	28.69 1.22 -1.40
RANKINE____ 23646	25.89 -0.26 -0.17	25.27 -0.49 0.00	25.04 -0.88 -0.05	23.31 -0.61 -0.47	23.61 -0.64 -0.70	24.70 -0.33 0.00	25.01 -0.80 0.14	25.85 -0.70 -0.51	26.56 -0.66 -0.66	29.28 -0.77 -0.47	32.17 -0.82 1.33	32.68 -0.54 0.46	33.86 -0.76 -0.03	33.66 -0.77 -1.00	32.45 -0.03 -1.99	29.03 0.90 -3.74	32.74 0.72 -5.29	33.86 0.45 -5.15	29.14 0.83 -5.80	27.07 0.76 -5.82	26.24 0.93 -4.99	26.48 0.76 -2.57	27.02 0.08 -0.80	26.40 0.05 -0.28
RAVENSWOOD_GT2_1 24244	28.50 1.51 -1.02	27.05 1.29 0.00	27.42 1.24 -0.31	27.26 1.03 -2.79	28.67 1.01 -4.11	26.27 1.25 0.00	29.71 1.35 -2.41	32.13 1.40 -4.69	34.45 1.54 -6.34	36.54 1.74 -5.21	36.27 2.09 0.14	38.97 1.95 -3.33	41.37 2.08 -4.70	42.60 2.11 -7.06	42.84 2.13 -10.21	45.42 1.80 -19.22	56.34 2.43 -27.18	57.23 2.57 -26.39	54.05 1.80 -29.74	51.75 1.43 -29.82	47.26 1.36 -25.58	37.73 1.41 -13.16	31.97 1.72 -4.11	29.11 1.59 -1.46
RAVENSWOOD_GT2_2 24245	28.50 1.51 -1.02	27.05 1.29 0.00	27.42 1.24 -0.31	27.26 1.03 -2.79	28.67 1.01 -4.11	26.27 1.25 0.00	29.71 1.35 -2.41	32.13 1.40 -4.69	34.45 1.54 -6.34	36.54 1.74 -5.21	36.27 2.09 0.14	38.97 1.95 -3.33	41.37 2.08 -4.70	42.60 2.11 -7.06	42.84 2.13 -10.21	45.42 1.80 -19.22	56.34 2.43 -27.18	57.23 2.57 -26.39	54.05 1.80 -29.74	51.75 1.43 -29.82	47.26 1.36 -25.58	37.73 1.41 -13.16	31.97 1.72 -4.11	29.11 1.59 -1.46
RAVENSWOOD_GT2_3 24246	28.50 1.51 -1.02	27.07 1.31 0.00	27.42 1.24 -0.31	27.28 1.06 -2.79	28.67 1.01 -4.11	26.27 1.25 0.00	29.74 1.37 -2.41	32.15 1.43 -4.69	34.45 1.54 -6.34	36.57 1.77 -5.21	36.31 2.13 0.14	39.00 1.99 -3.33	41.37 2.08 -4.70	42.63 2.14 -7.06	42.87 2.17 -10.21	45.44 1.83 -19.22	56.36 2.46 -27.18	57.25 2.60 -26.39	54.07 1.82 -29.74	51.78 1.46 -29.82	47.26 1.36 -25.58	37.73 1.41 -13.16	32.00 1.75 -4.11	29.13 1.62 -1.46
RAVENSWOOD_GT2_4 24247	28.50 1.51 -1.02	27.07 1.31 0.00	27.42 1.24 -0.31	27.28 1.06 -2.79	28.67 1.01 -4.11	26.27 1.25 0.00	29.74 1.37 -2.41	32.15 1.43 -4.69	34.45 1.54 -6.34	36.57 1.77 -5.21	36.31 2.13 0.14	39.00 1.99 -3.33	41.37 2.08 -4.70	42.63 2.14 -7.06	42.87 2.17 -10.21	45.44 1.83 -19.22	56.36 2.46 -27.18	57.25 2.60 -26.39	54.07 1.82 -29.74	51.78 1.46 -29.82	47.26 1.36 -25.58	37.73 1.41 -13.16	32.00 1.75 -4.11	29.13 1.62 -1.46
RAVENSWOOD_GT3_1 24248	28.50 1.51 -1.02	27.05 1.29 0.00	27.42 1.24 -0.31	27.26 1.03 -2.79	28.67 1.01 -4.11	26.27 1.25 0.00	29.71 1.35 -2.41	32.15 1.43 -4.69	34.45 1.54 -6.34	36.57 1.77 -5.21	36.27 2.09 0.14	38.97 1.95 -3.33	41.37 2.08 -4.70	42.60 2.11 -7.06	42.84 2.13 -10.21	45.42 1.80 -19.22	56.34 2.43 -27.18	57.23 2.57 -26.39	54.05 1.80 -29.74	51.75 1.43 -29.82	47.26 1.36 -25.58	37.73 1.41 -13.16	32.00 1.75 -4.11	29.11 1.59 -1.46
RAVENSWOOD_GT3_2 24249	28.50 1.51 -1.02	27.05 1.29 0.00	27.42 1.24 -0.31	27.26 1.03 -2.79	28.67 1.01 -4.11	26.27 1.25 0.00	29.71 1.35 -2.41	32.15 1.43 -4.69	34.45 1.54 -6.34	36.57 1.77 -5.21	36.27 2.09 0.14	38.97 1.95 -3.33	41.37 2.08 -4.70	42.60 2.11 -7.06	42.84 2.13 -10.21	45.42 1.80 -19.22	56.34 2.43 -27.18	57.23 2.57 -26.39	54.05 1.80 -29.74	51.75 1.43 -29.82	47.26 1.36 -25.58	37.73 1.41 -13.16	32.00 1.75 -4.11	29.11 1.59 -1.46
RAVENSWOOD_GT3_3 24250	28.35 1.35 -1.02	27.08 1.31 0.00	27.42 1.24 -0.31	27.31 1.08 -2.79	28.70 1.04 -4.11	26.27 1.25 0.00	29.77 1.40 -2.41	32.18 1.46 -4.69	34.45 1.57 -6.31	36.57 1.80 -5.19	36.30 2.13 0.14	39.02 2.02 -3.32	41.38 2.11 -4.68	42.63 2.17 -7.03	42.85 2.20 -10.16	45.38 1.85 -19.13	56.26 2.49 -27.05	57.28 2.63 -26.39	54.09 1.85 -29.74	51.80 1.48 -29.82	47.30 1.40 -25.58	37.75 1.44 -13.16	32.03 1.78 -4.11	29.13 1.62 -1.46
RAVENSWOOD_GT3_4 24251	28.53 1.53 -1.02	27.10 1.34 0.00	27.45 1.27 -0.31	27.31 1.08 -2.79	28.69 1.04 -4.11	26.30 1.28 0.00	29.76 1.40 -2.41	32.18 1.46 -4.69	34.48 1.57 -6.34	36.60 1.80 -5.21	36.34 2.16 0.14	39.03 2.02 -3.33	41.40 2.11 -4.70	42.66 2.17 -7.06	42.90 2.20 -10.21	45.47 1.85 -19.22	56.39 2.49 -27.18	57.29 2.63 -26.39	54.09 1.85 -29.74	51.80 1.48 -29.82	47.30 1.40 -25.58	37.75 1.44 -13.16	32.03 1.78 -4.11	29.16 1.64 -1.46
RAVENSWOOD_GT_1 23729	28.64 1.64 -1.02	27.19 1.42 -0.01	27.52 1.34 -0.31	27.38 1.15 -2.79	28.77 1.11 -4.11	26.40 1.38 0.00	29.79 1.43 -2.41	32.20 1.48 -4.69	34.48 1.57 -6.34	36.60 1.80 -5.21	36.38 2.20 0.14	39.03 2.02 -3.33	41.44 2.15 -4.70	42.70 2.21 -7.06	42.96 2.26 -10.21	45.49 1.88 -19.22	56.48 2.57 -27.19	57.37 2.71 -26.39	54.11 1.87 -29.74	51.82 1.50 -29.82	47.28 1.38 -25.58	37.77 1.46 -13.16	32.13 1.88 -4.11	29.24 1.72 -1.46
RAVENSWOOD_GT_10 24258	28.32 1.33 -1.01	27.02 1.26 0.00	27.39 1.22 -0.31	27.26 1.03 -2.79	28.67 1.01 -4.11	26.22 1.20 0.00	29.71 1.35 -2.41	32.13 1.41 -4.69	34.42 1.54 -6.31	36.51 1.75 -5.19	36.24 2.06 0.14	38.95 1.95 -3.32	41.34 2.08 -4.68	42.56 2.11 -7.03	42.79 2.13 -10.16	45.33 1.80 -19.13	56.21 2.43 -27.05	57.23 2.57 -26.39	54.04 1.80 -29.74	51.75 1.43 -29.82	47.26 1.36 -25.58	37.73 1.41 -13.16	31.97 1.73 -4.11	29.11 1.59 -1.46
RAVENSWOOD_GT_11 24259	28.50 1.51 -1.01	27.05 1.29 0.00	27.39 1.22 -0.31	27.26 1.03 -2.79	28.67 1.01 -4.11	26.27 1.25 0.00	29.71 1.35 -2.41	32.13 1.40 -4.69	34.45 1.54 -6.34	36.54 1.74 -5.21	36.27 2.09 0.14	38.97 1.95 -3.33	41.37 2.08 -4.70	42.60 2.11 -7.06	42.84 2.13 -10.21	45.42 1.80 -19.22	56.34 2.43 -27.18	57.23 2.57 -26.39	54.05 1.80 -29.74	51.75 1.43 -29.82	47.26 1.36 -25.58	37.73 1.41 -13.16	31.97 1.72 -4.11	29.11 1.59 -1.46
RAVENSWOOD_GT_4 24252	28.29 1.30 -1.01	26.99 1.24 0.01	27.37 1.19 -0.31	27.26 1.03 -2.79	28.65 0.99 -4.11	26.22 1.20 0.00	29.71 1.35 -2.41	32.13 1.41 -4.69	34.42 1.54 -6.31	36.51 1.75 -5.19	36.24 2.06 0.14	38.95 1.95 -3.32	41.31 2.04 -4.68	42.56 2.11 -7.03	42.79 2.13 -10.16	45.33 1.80 -19.13	56.18 2.41 -27.04	57.20 2.54 -26.39	54.04 1.80 -29.74	51.75 1.43 -29.82	47.26 1.36 -25.58	37.73 1.41 -13.16	31.97 1.73 -4.11	29.08 1.56 -1.46



RAVENSWOOD_GT_5 24254	28.29 1.30 -1.01	26.99 1.24 0.01	27.37 1.19 -0.31	27.26 1.03 -2.79	28.65 0.99 -4.11	26.22 1.20 0.00	29.71 1.35 -2.41	32.13 1.41 -4.69	34.42 1.54 -6.31	36.51 1.75 -5.19	36.24 2.06 0.14	38.95 1.95 -3.32	41.31 2.04 -4.68	42.56 2.11 -7.03	42.79 2.13 -10.16	45.33 1.80 -19.13	56.18 2.41 -27.04	57.20 2.54 -26.39	54.04 1.80 -29.74	51.75 1.43 -29.82	47.26 1.36 -25.58	37.73 1.41 -13.16	31.97 1.73 -4.11	29.08 1.56 -1.46
RAVENSWOOD_GT_6 24253	28.29 1.30 -1.01	26.99 1.24 0.01	27.37 1.19 -0.31	27.26 1.03 -2.79	28.65 0.99 -4.11	26.22 1.20 0.00	29.71 1.35 -2.41	32.13 1.41 -4.69	34.42 1.54 -6.31	36.51 1.75 -5.19	36.24 2.06 0.14	38.95 1.95 -3.32	41.31 2.04 -4.68	42.56 2.11 -7.03	42.79 2.13 -10.16	45.33 1.80 -19.13	56.18 2.41 -27.04	57.20 2.54 -26.39	54.04 1.80 -29.74	51.75 1.43 -29.82	47.26 1.36 -25.58	37.73 1.41 -13.16	31.97 1.73 -4.11	29.08 1.56 -1.46
RAVENSWOOD_GT_7 24255	28.29 1.30 -1.01	26.99 1.24 0.01	27.37 1.19 -0.31	27.26 1.03 -2.79	28.65 0.99 -4.11	26.22 1.20 0.00	29.71 1.35 -2.41	32.13 1.41 -4.69	34.42 1.54 -6.31	36.51 1.75 -5.19	36.24 2.06 0.14	38.95 1.95 -3.32	41.31 2.04 -4.68	42.56 2.11 -7.03	42.79 2.13 -10.16	45.33 1.80 -19.13	56.18 2.41 -27.04	57.20 2.54 -26.39	54.04 1.80 -29.74	51.75 1.43 -29.82	47.26 1.36 -25.58	37.73 1.41 -13.16	31.97 1.73 -4.11	29.08 1.56 -1.46
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	28.32 1.33 -1.01	27.02 1.26 0.00	27.39 1.22 -0.31	27.26 1.03 -2.79	28.67 1.01 -4.11	26.22 1.20 0.00	29.71 1.35 -2.41	32.13 1.41 -4.69	34.42 1.54 -6.31	36.51 1.75 -5.19	36.24 2.06 0.14	38.95 1.95 -3.32	41.34 2.08 -4.68	42.56 2.11 -7.03	42.79 2.13 -10.16	45.33 1.80 -19.13	56.21 2.43 -27.05	57.23 2.57 -26.39	54.04 1.80 -29.74	51.75 1.43 -29.82	47.26 1.36 -25.58	37.73 1.41 -13.16	31.97 1.73 -4.11	29.11 1.59 -1.46
RAVENSWOOD_GT_9 24257	28.50 1.51 -1.01	27.05 1.29 0.00	27.39 1.22 -0.31	27.26 1.03 -2.79	28.67 1.01 -4.11	26.27 1.25 0.00	29.71 1.35 -2.41	32.13 1.40 -4.69	34.45 1.54 -6.34	36.54 1.74 -5.21	36.27 2.09 0.14	38.97 1.95 -3.33	41.37 2.08 -4.70	42.60 2.11 -7.06	42.84 2.13 -10.21	45.42 1.80 -19.22	56.34 2.43 -27.18	57.23 2.57 -26.39	54.05 1.80 -29.74	51.75 1.43 -29.82	47.26 1.36 -25.58	37.73 1.41 -13.16	31.97 1.72 -4.11	29.11 1.59 -1.46
RAVENSWOOD___1 23533	28.62 1.61 -1.02	27.19 1.42 -0.01	27.52 1.34 -0.31	27.35 1.13 -2.79	28.74 1.08 -4.11	26.37 1.35 0.00	29.79 1.43 -2.41	32.18 1.46 -4.69	34.48 1.57 -6.34	36.60 1.80 -5.21	36.34 2.16 0.14	39.03 2.02 -3.33	41.40 2.11 -4.70	42.70 2.21 -7.06	42.93 2.23 -10.21	45.47 1.85 -19.22	56.48 2.57 -27.18	57.37 2.71 -26.39	54.09 1.85 -29.74	51.80 1.48 -29.82	47.26 1.36 -25.58	37.75 1.44 -13.16	32.10 1.86 -4.11	29.24 1.72 -1.46
RAVENSWOOD___2 23534	28.62 1.61 -1.02	27.16 1.39 -0.01	27.50 1.32 -0.31	27.35 1.13 -2.79	28.74 1.08 -4.11	26.37 1.35 0.00	29.76 1.40 -2.41	32.18 1.46 -4.69	34.48 1.57 -6.34	36.60 1.80 -5.21	36.34 2.16 0.14	39.00 1.99 -3.33	41.40 2.11 -4.70	42.66 2.17 -7.06	42.93 2.23 -10.21	45.47 1.85 -19.22	56.45 2.54 -27.18	57.34 2.69 -26.39	54.09 1.85 -29.74	51.80 1.48 -29.82	47.26 1.36 -25.58	37.75 1.44 -13.16	32.10 1.86 -4.11	29.21 1.69 -1.46
RAVENSWOOD___3 23535	28.50 1.51 -1.02	27.05 1.29 0.00	27.42 1.24 -0.31	27.28 1.06 -2.79	28.67 1.01 -4.11	26.27 1.25 0.00	29.71 1.35 -2.41	32.15 1.43 -4.69	34.45 1.54 -6.34	36.57 1.77 -5.21	36.27 2.09 0.14	38.97 1.95 -3.33	41.37 2.08 -4.70	42.60 2.11 -7.06	42.84 2.13 -10.21	45.42 1.80 -19.22	56.34 2.43 -27.18	57.23 2.57 -26.39	54.05 1.80 -29.74	51.75 1.43 -29.82	47.26 1.36 -25.58	37.73 1.41 -13.16	32.00 1.75 -4.11	29.11 1.59 -1.46
RAVENSWOOD___4 23820	28.61 1.61 -1.02	27.16 1.39 -0.01	27.50 1.32 -0.31	27.35 1.13 -2.79	28.74 1.08 -4.11	26.37 1.35 0.00	29.76 1.40 -2.41	32.18 1.46 -4.69	34.45 1.54 -6.34	36.57 1.77 -5.21	36.34 2.16 0.14	39.00 1.99 -3.33	41.40 2.11 -4.70	42.66 2.17 -7.06	42.93 2.23 -10.21	45.47 1.85 -19.22	56.45 2.54 -27.18	57.34 2.69 -26.39	54.09 1.85 -29.74	51.80 1.48 -29.82	47.26 1.36 -25.58	37.75 1.44 -13.16	32.08 1.83 -4.11	29.21 1.69 -1.46
RCPL_TRUST___DRP 24196	28.32 1.33 -1.02	27.02 1.26 0.00	27.37 1.19 -0.31	27.26 1.03 -2.79	28.67 1.01 -4.11	26.22 1.20 0.00	29.74 1.38 -2.41	32.18 1.46 -4.69	34.45 1.57 -6.31	36.57 1.80 -5.19	36.30 2.13 0.14	39.02 2.02 -3.32	41.41 2.14 -4.68	42.63 2.17 -7.03	42.85 2.20 -10.16	45.38 1.85 -19.13	56.26 2.49 -27.05	57.28 2.63 -26.39	54.09 1.85 -29.74	51.77 1.46 -29.82	47.28 1.38 -25.58	37.75 1.44 -13.16	32.00 1.75 -4.11	29.11 1.59 -1.46
RED___ROCHESTER 323720	26.15 0.05 -0.12	25.84 0.08 0.00	25.73 -0.18 -0.04	23.52 -0.26 -0.33	23.78 -0.26 -0.49	24.87 -0.15 0.00	25.45 -0.15 0.35	26.31 0.05 -0.22	26.90 0.08 -0.25	29.80 0.09 -0.13	33.04 0.24 1.53	33.38 0.51 0.80	34.70 0.45 0.34	34.39 0.37 -0.60	32.50 0.52 -1.49	28.14 0.95 -2.80	31.52 0.83 -3.96	33.11 0.99 -3.86	27.76 0.90 -4.36	25.71 0.84 -4.37	24.98 0.92 -3.75	25.87 0.79 -1.93	26.98 0.23 -0.60	26.46 0.18 -0.21
REGAN___SOLAR 323812	31.98 3.22 -2.77	28.34 2.58 0.00	29.30 2.59 -0.85	33.44 2.39 -7.61	37.22 2.45 -11.23	27.55 2.53 0.00	35.85 3.11 -6.79	42.16 3.07 -13.05	47.24 3.00 -17.68	47.17 3.05 -14.54	37.59 3.43 0.16	46.62 3.50 -9.44	51.27 3.49 -13.19	56.43 3.37 -19.63	62.00 3.23 -28.27	80.59 2.95 -53.25	105.50 3.50 -75.27	104.32 3.76 -72.29	107.32 3.35 -81.46	105.37 3.20 -81.68	93.61 3.23 -70.06	62.81 3.61 -36.04	41.10 3.71 -11.25	33.65 3.60 -3.99
RENSSELAER___COGEN 23796	28.87 0.86 -2.03	26.76 1.00 0.00	27.47 0.98 -0.62	29.89 0.87 -5.58	32.63 0.85 -8.23	25.95 0.93 0.00	31.70 0.88 -4.86	27.66 0.91 -0.72	26.98 0.88 0.46	27.02 0.97 3.53	29.34 1.13 6.12	29.34 1.08 5.42	31.30 1.14 4.43	32.91 1.07 1.59	33.92 1.04 -2.38	26.32 0.80 -1.12	52.83 0.83 -25.28	82.15 0.82 -53.07	82.91 0.61 -59.80	80.99 0.53 -59.96	72.27 0.53 -51.43	50.19 0.58 -26.46	35.08 0.68 -8.26	29.69 0.70 -2.93
REPUBLIC_115KV_BARTNBRK 55605	32.96 4.03 -2.96	29.39 3.63 0.00	30.37 3.60 -0.90	34.95 3.40 -8.11	39.02 3.51 -11.96	28.57 3.55 0.00	37.36 3.97 -7.43	50.50 4.06 -20.41	59.77 4.38 -28.82	60.58 4.97 -26.03	44.50 5.70 -4.48	58.88 5.86 -19.34	64.74 5.57 -24.58	71.58 5.42 -32.74	78.95 4.82 -43.63	113.17 4.15 -84.64	133.55 4.52 -102.30	109.76 4.44 -77.06	113.23 3.89 -86.83	111.33 3.77 -87.06	98.92 3.92 -74.68	66.13 4.56 -38.42	42.94 4.81 -11.99	35.00 4.69 -4.25
REVERE_CPPR_DRP 24186	26.92 0.94 0.00	26.41 0.64 0.00	26.49 0.62 0.00	23.98 0.54 0.00	24.14 0.59 0.00	25.77 0.75 0.00	26.75 0.99 0.19	27.11 1.20 0.12	27.42 1.04 0.18	30.62 1.21 0.18	35.34 1.44 0.42	34.83 1.52 0.36	35.82 1.52 0.29	34.78 1.47 0.12	31.96 1.46 0.00	25.83 1.44 0.00	28.25 1.52 0.00	29.83 1.55 -0.01	23.85 1.35 0.00	21.75 1.25 0.00	21.52 1.20 0.00	24.33 1.18 0.00	27.19 1.05 0.00	26.97 0.91 0.00

REYNOLDS_115KV_TB3 80639	29.19 1.07 -2.15	26.87 1.11 0.00	27.64 1.11 -0.66	30.34 1.01 -5.89	33.23 0.99 -8.69	26.05 1.03 0.00	32.07 1.01 -5.10	25.68 1.02 1.37	23.94 1.06 3.69	23.64 1.18 7.13	27.76 1.37 7.94	26.33 1.35 8.70	27.91 1.38 8.06	29.24 1.30 5.49	29.94 1.28 1.83	17.62 1.05 7.82	47.51 1.10 -19.69	85.44 1.16 -56.02	86.51 0.88 -63.13	84.57 0.78 -63.30	75.38 0.77 -54.29	51.92 0.83 -27.93	35.83 0.97 -8.72	30.17 1.02 -3.09
RIVERBAY____ 323610	28.87 1.87 -1.02	27.44 1.67 -0.01	27.82 1.63 -0.32	27.62 1.38 -2.79	29.03 1.37 -4.12	26.70 1.68 0.00	30.16 1.79 -2.41	32.52 1.80 -4.69	34.74 1.86 -6.31	36.84 2.07 -5.19	36.75 2.57 0.14	39.46 2.46 -3.32	41.90 2.63 -4.68	43.17 2.71 -7.03	43.40 2.74 -10.16	45.77 2.24 -19.13	56.81 3.02 -27.06	57.85 3.19 -26.39	54.45 2.21 -29.74	52.17 1.84 -29.83	47.52 1.63 -25.58	38.12 1.81 -13.16	32.58 2.33 -4.12	29.66 2.14 -1.46
RIVERSDE_115KV_TB3 55908	29.17 1.01 -2.17	26.84 1.08 0.00	27.62 1.09 -0.67	30.37 0.96 -5.96	33.31 0.97 -8.80	26.02 1.00 0.00	32.14 0.99 -5.20	27.70 0.99 -0.67	26.97 1.01 0.60	26.80 1.12 3.91	29.02 1.30 6.61	29.05 1.28 5.91	31.04 1.31 4.87	32.86 1.27 1.84	34.12 1.22 -2.40	26.28 1.00 -0.89	54.62 1.04 -26.85	86.06 1.07 -56.72	87.23 0.81 -63.92	85.30 0.72 -64.08	76.00 0.71 -54.97	52.22 0.79 -28.28	35.86 0.89 -8.83	30.13 0.94 -3.13
ROARING____BROOK_WT_PWR 323790	25.49 -0.49 0.00	25.27 -0.49 0.00	25.38 -0.49 0.00	23.04 -0.40 0.00	23.13 -0.42 0.00	24.54 -0.48 0.00	25.41 -0.55 0.00	25.46 -0.57 0.00	26.01 -0.56 0.00	28.96 -0.62 0.00	33.50 -0.82 0.00	32.84 -0.84 0.00	33.69 -0.90 0.00	32.49 -0.94 0.00	29.58 -0.91 0.00	11.20 -0.95 12.24	8.11 -1.04 17.58	0.56 -1.10 26.60	3.14 -0.92 18.44	1.94 -0.92 17.63	3.93 -1.00 15.39	22.09 -1.06 0.00	25.04 -1.10 0.00	24.97 -1.09 0.00
ROCHESRG_115KV_T4 355643	25.79 -0.31 -0.12	25.35 -0.41 0.00	25.26 -0.65 -0.04	23.26 -0.52 -0.33	23.52 -0.52 -0.49	24.67 -0.35 0.00	25.18 -0.42 0.36	25.93 -0.31 -0.21	26.54 -0.27 -0.24	29.40 -0.30 -0.12	32.57 -0.21 1.55	32.86 0.00 0.82	34.13 -0.10 0.35	33.85 -0.17 -0.59	31.98 0.00 -1.48	27.74 0.56 -2.79	31.07 0.40 -3.94	32.63 0.54 -3.83	27.37 0.54 -4.32	25.35 0.51 -4.33	24.62 0.59 -3.72	25.51 0.44 -1.91	26.63 -0.10 -0.60	26.14 -0.13 -0.21
ROCHESTER_9_IC 23652	25.95 -0.16 -0.12	25.50 -0.26 0.00	25.41 -0.49 -0.04	23.40 -0.38 -0.33	23.66 -0.38 -0.49	24.82 -0.20 0.00	25.34 -0.26 0.35	26.10 -0.16 -0.22	26.77 -0.05 -0.26	29.62 -0.09 -0.13	32.86 0.07 1.53	33.15 0.27 0.80	34.46 0.21 0.33	34.16 0.13 -0.60	32.26 0.27 -1.49	27.98 0.78 -2.81	31.31 0.61 -3.97	32.91 0.79 -3.86	27.58 0.72 -4.36	25.56 0.70 -4.37	24.83 0.77 -3.75	25.71 0.63 -1.93	26.82 0.08 -0.60	26.33 0.05 -0.21
ROCKVIEW_13_KV_LD 356306	28.37 1.38 -1.02	27.08 1.31 0.00	27.47 1.29 -0.31	27.35 1.13 -2.79	28.77 1.11 -4.11	26.30 1.28 0.00	29.82 1.45 -2.41	32.21 1.48 -4.69	34.50 1.62 -6.31	36.63 1.86 -5.19	36.44 2.27 0.14	39.12 2.12 -3.32	41.52 2.25 -4.68	42.76 2.31 -7.03	42.98 2.32 -10.16	45.50 1.98 -19.14	56.32 2.54 -27.05	57.34 2.68 -26.40	54.20 1.96 -29.74	51.90 1.58 -29.82	47.42 1.52 -25.58	37.89 1.57 -13.16	32.08 1.83 -4.11	29.19 1.67 -1.46
ROME____115KV_TB2 80656	26.92 0.94 0.00	26.41 0.64 0.00	26.49 0.62 0.00	23.98 0.54 0.00	24.14 0.59 0.00	25.77 0.75 0.00	26.75 0.99 0.19	27.11 1.20 0.12	27.42 1.04 0.18	30.62 1.21 0.18	35.34 1.44 0.42	34.83 1.52 0.36	35.82 1.52 0.29	34.78 1.47 0.12	31.96 1.46 0.00	25.83 1.44 0.00	28.25 1.52 0.00	29.83 1.55 -0.01	23.85 1.35 0.00	21.75 1.25 0.00	21.52 1.20 0.00	24.33 1.18 0.00	27.19 1.05 0.00	26.97 0.91 0.00
ROSETON____1 23587	28.19 1.20 -1.01	26.84 1.08 0.00	27.26 1.09 -0.31	27.13 0.91 -2.77	28.53 0.89 -4.09	26.05 1.03 0.00	29.47 1.12 -2.40	31.84 1.14 -4.66	34.10 1.22 -6.31	36.16 1.39 -5.19	35.82 1.65 0.14	38.51 1.52 -3.32	40.86 1.59 -4.68	42.09 1.64 -7.02	42.30 1.65 -10.15	44.93 1.41 -19.12	55.58 1.82 -27.03	56.48 1.95 -26.27	53.49 1.40 -29.60	51.30 1.13 -29.68	46.87 1.10 -25.45	37.38 1.13 -13.10	31.59 1.36 -4.09	28.76 1.25 -1.45
ROSETON____2 23588	28.19 1.20 -1.01	26.84 1.08 0.00	27.26 1.09 -0.31	27.13 0.91 -2.77	28.53 0.89 -4.09	26.05 1.03 0.00	29.47 1.12 -2.40	31.84 1.14 -4.66	34.10 1.22 -6.31	36.16 1.39 -5.19	35.82 1.65 0.14	38.51 1.52 -3.32	40.86 1.59 -4.68	42.09 1.64 -7.02	42.30 1.65 -10.15	44.93 1.41 -19.12	55.58 1.82 -27.03	56.48 1.95 -26.27	53.49 1.40 -29.60	51.30 1.13 -29.68	46.87 1.10 -25.45	37.38 1.13 -13.10	31.59 1.36 -4.09	28.76 1.25 -1.45
ROTTSDAM_115KV_TB3 80664	30.27 1.17 -3.12	26.89 1.13 0.00	27.99 1.16 -0.96	33.07 1.05 -8.57	37.26 1.06 -12.64	26.07 1.05 0.00	34.85 1.17 -7.73	42.54 1.17 -15.33	48.74 1.22 -20.95	48.41 1.36 -17.47	36.37 1.61 -0.43	46.93 1.58 -11.67	52.20 1.63 -15.99	58.33 1.60 -23.30	65.17 1.52 -33.15	88.35 1.29 -62.67	115.11 1.47 -86.92	111.19 1.53 -81.41	115.45 1.22 -91.73	113.58 1.11 -91.97	100.30 1.10 -78.89	64.97 1.23 -40.59	40.14 1.33 -12.67	31.88 1.33 -4.49
RUSSELL____1 23602	26.08 -0.03 -0.12	25.66 -0.10 0.00	25.54 -0.36 -0.04	23.52 -0.26 -0.33	23.78 -0.26 -0.49	24.95 -0.08 0.00	25.47 -0.13 0.35	26.26 0.00 -0.22	26.90 0.08 -0.26	29.80 0.09 -0.13	33.10 0.31 1.53	33.38 0.51 0.80	34.70 0.45 0.33	34.40 0.37 -0.60	32.51 0.52 -1.49	28.15 0.95 -2.81	31.53 0.83 -3.97	33.11 0.99 -3.86	27.76 0.90 -4.36	25.71 0.84 -4.37	24.98 0.91 -3.75	25.87 0.79 -1.93	26.98 0.24 -0.60	26.46 0.18 -0.21
RUSSELL____2 23532	26.08 -0.03 -0.12	25.66 -0.10 0.00	25.54 -0.36 -0.04	23.52 -0.26 -0.33	23.78 -0.26 -0.49	24.95 -0.08 0.00	25.47 -0.13 0.35	26.26 0.00 -0.22	26.90 0.08 -0.26	29.80 0.09 -0.13	33.10 0.31 1.53	33.38 0.51 0.80	34.70 0.45 0.33	34.40 0.37 -0.60	32.51 0.52 -1.49	28.15 0.95 -2.81	31.53 0.83 -3.97	33.11 0.99 -3.86	27.76 0.90 -4.36	25.71 0.84 -4.37	24.98 0.91 -3.75	25.87 0.79 -1.93	26.98 0.24 -0.60	26.46 0.18 -0.21
RUSSELL____3 23549	26.08 -0.03 -0.12	25.66 -0.10 0.00	25.54 -0.36 -0.04	23.52 -0.26 -0.33	23.78 -0.26 -0.49	24.95 -0.08 0.00	25.47 -0.13 0.35	26.26 0.00 -0.22	26.90 0.08 -0.26	29.80 0.09 -0.13	33.10 0.31 1.53	33.38 0.51 0.80	34.70 0.45 0.33	34.40 0.37 -0.60	32.51 0.52 -1.49	28.15 0.95 -2.81	31.53 0.83 -3.97	33.11 0.99 -3.86	27.76 0.90 -4.36	25.71 0.84 -4.37	24.98 0.91 -3.75	25.87 0.79 -1.93	26.98 0.24 -0.60	26.46 0.18 -0.21
RUSSELL____4 23556	26.08 -0.03 -0.12	25.66 -0.10 0.00	25.54 -0.36 -0.04	23.52 -0.26 -0.33	23.78 -0.26 -0.49	24.95 -0.08 0.00	25.47 -0.13 0.35	26.26 0.00 -0.22	26.90 0.08 -0.26	29.80 0.09 -0.13	33.10 0.31 1.53	33.38 0.51 0.80	34.70 0.45 0.33	34.40 0.37 -0.60	32.51 0.52 -1.49	28.15 0.95 -2.81	31.53 0.83 -3.97	33.11 0.99 -3.86	27.76 0.90 -4.36	25.71 0.84 -4.37	24.98 0.91 -3.75	25.87 0.79 -1.93	26.98 0.24 -0.60	26.46 0.18 -0.21

RUSSELL___STATION 23914	26.08 -0.03 -0.12	25.66 -0.10 0.00	25.54 -0.36 -0.04	23.52 -0.26 -0.33	23.78 -0.26 -0.49	24.95 -0.08 0.00	25.47 -0.13 0.35	26.26 0.00 -0.22	26.90 0.08 -0.26	29.80 0.09 -0.13	33.10 0.31 1.53	33.38 0.51 0.80	34.70 0.45 0.33	34.40 0.37 -0.60	32.51 0.52 -1.49	28.15 0.95 -2.81	31.53 0.83 -3.97	33.11 0.99 -3.86	27.76 0.90 -4.36	25.71 0.84 -4.37	24.98 0.91 -3.75	25.87 0.79 -1.93	26.98 0.24 -0.60	26.46 0.18 -0.21
S SALMON___HYD 24043	25.93 -0.05 0.00	25.58 -0.18 0.00	25.63 -0.23 0.00	23.19 -0.26 0.00	23.34 -0.21 0.00	24.87 -0.15 0.00	26.01 -0.15 -0.21	26.41 -0.03 -0.40	26.98 -0.13 -0.55	29.84 -0.03 -0.29	33.98 0.03 0.38	33.78 0.14 0.03	34.84 0.10 -0.15	34.03 0.10 -0.50	31.55 0.18 -0.87	25.47 0.32 -0.77	28.00 0.21 -1.06	29.19 0.17 -0.76	24.23 0.27 -1.46	22.34 0.33 -1.51	21.92 0.32 -1.28	24.53 0.26 -1.12	26.49 0.00 -0.35	26.11 -0.08 -0.12
S.PERRY___115KV_TB1 80734	26.84 0.68 -0.18	26.28 0.52 0.00	26.16 0.23 -0.05	24.19 0.26 -0.49	24.56 0.28 -0.73	25.60 0.58 0.00	26.39 0.52 0.08	26.32 -0.29 -0.57	26.79 -0.50 -0.73	29.44 -0.68 -0.54	32.08 -1.00 1.24	32.53 -0.77 0.37	33.78 -0.93 -0.12	33.56 -0.94 -1.07	32.18 -0.37 -2.05	28.64 0.39 -3.86	32.45 0.27 -5.45	34.05 0.48 -5.31	29.41 0.92 -5.99	27.44 0.94 -6.00	26.58 1.12 -5.15	26.73 0.93 -2.65	27.20 0.24 -0.83	26.46 0.10 -0.29
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	25.68 -0.47 -0.16	25.07 -0.70 0.00	24.86 -1.06 -0.05	23.12 -0.77 -0.45	23.41 -0.80 -0.66	24.47 -0.55 0.00	24.90 -0.88 0.17	25.69 -0.81 -0.47	26.36 -0.80 -0.59	29.08 -0.92 -0.41	31.93 -1.03 1.37	32.45 -0.71 0.52	33.63 -0.93 0.03	33.39 -0.97 -0.93	32.01 -0.40 -1.91	28.57 0.59 -3.59	32.18 0.37 -5.08	33.46 0.25 -4.95	28.64 0.56 -5.57	26.62 0.53 -5.59	25.82 0.71 -4.79	26.11 0.49 -2.47	26.73 -0.18 -0.77	26.18 -0.16 -0.27
SAWYER___23_KV_LOAD 55526	25.68 -0.47 -0.16	25.07 -0.70 0.00	24.86 -1.06 -0.05	23.12 -0.77 -0.45	23.41 -0.80 -0.66	24.47 -0.55 0.00	24.90 -0.88 0.17	25.69 -0.81 -0.47	26.36 -0.80 -0.59	29.08 -0.92 -0.41	31.93 -1.03 1.37	32.45 -0.71 0.52	33.63 -0.93 0.03	33.39 -0.97 -0.93	32.01 -0.40 -1.91	28.57 0.59 -3.59	32.18 0.37 -5.08	33.46 0.25 -4.95	28.64 0.56 -5.57	26.62 0.53 -5.59	25.82 0.71 -4.79	26.11 0.49 -2.47	26.73 -0.18 -0.77	26.18 -0.16 -0.27
SELKIRK___I 23801	28.87 1.14 -1.75	26.97 1.21 0.00	27.64 1.24 -0.53	29.34 1.10 -4.79	31.73 1.11 -7.07	26.15 1.13 0.00	31.28 1.12 -4.21	30.17 1.12 -3.02	30.93 1.12 -3.25	31.65 1.24 -0.83	32.18 1.44 3.58	33.82 1.41 1.27	36.08 1.45 -0.04	37.77 1.37 -2.97	38.81 1.31 -7.00	36.67 1.07 -11.21	57.44 0.99 -29.72	74.81 0.96 -45.59	74.61 0.74 -51.37	72.70 0.70 -51.51	65.21 0.71 -44.18	46.67 0.79 -22.73	34.12 0.89 -7.09	29.51 0.94 -2.52
SELKIRK___II 23799	28.71 0.91 -1.82	26.74 0.98 0.00	27.43 1.01 -0.56	29.30 0.87 -4.99	31.78 0.87 -7.36	25.92 0.90 0.00	31.24 0.91 -4.37	29.65 0.94 -2.67	30.17 0.93 -2.68	30.73 1.03 -0.11	31.47 1.20 4.05	32.85 1.15 1.98	35.06 1.18 0.70	36.82 1.14 -2.25	37.92 1.10 -6.33	34.95 0.88 -9.69	56.86 0.75 -29.38	76.41 0.71 -47.44	76.47 0.52 -53.45	74.56 0.47 -53.59	66.75 0.47 -45.97	47.31 0.51 -23.65	34.12 0.60 -7.38	29.30 0.62 -2.62
SENECA OSWGO___HYD 24041	25.56 -0.42 0.00	25.27 -0.49 0.00	25.32 -0.54 0.00	22.90 -0.54 0.00	23.03 -0.52 0.00	24.52 -0.50 0.00	25.77 -0.52 -0.33	26.13 -0.42 -0.52	26.80 -0.48 -0.71	29.69 -0.50 -0.62	34.10 -0.48 -0.26	33.87 -0.37 -0.56	34.85 -0.38 -0.64	33.82 -0.37 -0.76	31.24 -0.25 -0.98	26.31 0.07 -1.85	29.32 -0.03 -2.61	30.86 -0.03 -2.63	25.44 0.07 -2.87	23.50 0.12 -2.87	22.92 0.14 -2.46	24.37 -0.05 -1.27	26.20 -0.34 -0.40	25.81 -0.39 -0.14
SENECA___115KV_TB3 355854	25.92 -0.23 -0.17	25.32 -0.44 0.00	25.07 -0.85 -0.05	23.35 -0.56 -0.47	23.64 -0.61 -0.70	24.72 -0.30 0.00	25.07 -0.75 0.14	25.90 -0.65 -0.51	26.59 -0.64 -0.66	29.31 -0.74 -0.47	32.21 -0.79 1.33	32.74 -0.47 0.46	33.93 -0.69 -0.03	33.73 -0.70 -1.00	32.48 0.00 -1.99	29.08 0.95 -3.74	32.79 0.78 -5.29	33.92 0.51 -5.15	29.18 0.88 -5.80	27.12 0.80 -5.82	26.28 0.98 -4.99	26.53 0.81 -2.57	27.07 0.13 -0.80	26.45 0.10 -0.28
SENECA___ENERGY 23797	26.01 -0.10 -0.13	25.55 -0.21 0.00	25.57 -0.34 -0.04	23.40 -0.40 -0.36	23.72 -0.35 -0.52	24.80 -0.23 0.00	25.79 -0.21 -0.05	26.49 -0.05 -0.50	27.12 -0.11 -0.66	29.97 -0.12 -0.51	33.59 -0.03 0.69	33.78 0.17 0.07	34.95 0.10 -0.26	34.41 0.10 -0.88	32.39 0.34 -1.55	28.02 0.71 -2.92	31.50 0.64 -4.13	32.98 0.65 -4.07	27.77 0.72 -4.55	25.76 0.70 -4.56	24.92 0.69 -3.91	25.70 0.53 -2.01	26.85 0.08 -0.63	26.28 0.00 -0.22
SHOEMAKER___GT 23640	27.97 1.07 -0.93	26.76 1.00 0.00	27.13 0.98 -0.28	26.83 0.84 -2.54	28.13 0.82 -3.75	25.95 0.93 0.00	29.13 0.99 -2.19	31.32 1.01 -4.27	33.44 1.09 -5.79	35.55 1.21 -4.75	35.58 1.41 0.15	38.02 1.31 -3.03	40.22 1.35 -4.28	41.24 1.37 -6.44	41.19 1.37 -9.32	43.19 1.24 -17.56	53.15 1.60 -24.82	54.08 1.72 -24.09	50.91 1.26 -27.15	48.74 1.02 -27.22	44.66 1.00 -23.35	36.21 1.04 -12.01	31.09 1.20 -3.75	28.48 1.09 -1.33
SHOEMAKR_138KV_BK 111 55601	27.84 0.94 -0.92	26.69 0.93 0.00	27.08 0.93 -0.28	26.77 0.80 -2.53	28.05 0.78 -3.73	25.90 0.88 0.00	29.12 0.99 -2.18	31.27 0.99 -4.24	33.35 1.06 -5.72	35.49 1.21 -4.70	35.58 1.41 0.15	37.99 1.31 -2.99	40.17 1.35 -4.23	41.17 1.37 -6.37	41.08 1.37 -9.21	42.98 1.24 -17.35	52.86 1.60 -24.53	53.92 1.72 -23.93	50.73 1.26 -26.97	48.56 1.02 -27.04	44.49 0.98 -23.19	36.13 1.04 -11.93	31.07 1.20 -3.72	28.48 1.09 -1.32
SHOREHAM_IC_1 23715	37.12 2.49 -8.64	32.41 2.58 -4.07	28.69 2.51 -0.31	28.45 2.20 -2.81	29.83 2.17 -4.11	29.25 2.48 -1.75	30.86 2.49 -2.41	32.93 2.21 -4.69	35.25 2.34 -6.35	37.63 2.84 -5.22	42.06 3.54 -4.21	44.05 3.44 -6.93	44.73 3.46 -6.68	44.90 3.18 -8.29	46.81 3.11 -13.19	51.67 2.63 -24.64	59.43 3.34 -29.36	67.80 3.56 -35.98	71.60 2.68 -46.42	55.96 2.25 -33.20	52.43 2.13 -29.98	45.84 2.36 -20.32	44.46 2.98 -15.34	42.30 2.84 -13.40
SHOREHAM_IC_2 23716	37.12 2.49 -8.64	32.41 2.58 -4.07	28.69 2.51 -0.31	28.45 2.20 -2.81	29.83 2.17 -4.11	29.25 2.48 -1.75	30.86 2.49 -2.41	32.93 2.21 -4.69	35.25 2.34 -6.35	37.63 2.84 -5.22	42.06 3.54 -4.21	44.05 3.44 -6.93	44.73 3.46 -6.68	44.90 3.18 -8.29	46.81 3.11 -13.19	51.67 2.63 -24.64	59.43 3.34 -29.36	67.80 3.56 -35.98	71.60 2.68 -46.42	55.96 2.25 -33.20	52.43 2.13 -29.98	45.84 2.36 -20.32	44.46 2.98 -15.34	42.30 2.84 -13.40
SISSONVILLE___ 23735	26.40 0.42 0.00	26.10 0.33 0.00	26.20 0.34 0.00	23.77 0.33 0.00	23.90 0.35 0.00	25.37 0.35 0.00	26.21 0.26 0.00	26.32 0.29 0.00	26.81 0.24 0.00	29.85 0.27 0.00	34.18 -0.14 0.00	33.44 -0.24 0.00	34.35 -0.24 0.00	32.89 -0.53 0.00	29.83 -0.67 0.00	16.40 -1.24 6.74	15.58 -1.47 9.68	12.04 -1.64 14.58	11.08 -1.31 10.12	9.66 -1.17 9.67	10.74 -1.14 8.44	22.48 -0.67 0.00	26.01 -0.13 0.00	26.09 0.03 0.00

SITHE_IND_GS1 24169	25.18 -0.81 0.00	24.94 -0.83 0.00	24.99 -0.88 0.00	22.60 -0.84 0.00	22.73 -0.82 0.00	24.20 -0.83 0.00	21.78 -0.88 3.29	23.03 -0.83 2.17	22.57 -0.85 3.15	25.67 -0.95 2.96	26.20 -1.03 7.09	26.66 -0.94 6.08	28.77 -1.00 4.81	30.42 -0.97 2.04	29.71 -0.79 0.00	23.95 -0.44 0.00	26.17 -0.56 0.00	27.40 -0.59 0.26	22.10 -0.40 0.00	20.17 -0.33 0.00	20.01 -0.30 0.00	22.67 -0.49 0.00	25.38 -0.76 0.00	25.28 -0.78 0.00
SITHE_IND_GS2 24170	25.18 -0.81 0.00	24.94 -0.83 0.00	24.99 -0.88 0.00	22.60 -0.84 0.00	22.73 -0.82 0.00	24.20 -0.83 0.00	21.78 -0.88 3.29	23.03 -0.83 2.17	22.57 -0.85 3.15	25.67 -0.95 2.96	26.20 -1.03 7.09	26.66 -0.94 6.08	28.77 -1.00 4.81	30.42 -0.97 2.04	29.71 -0.79 0.00	23.95 -0.44 0.00	26.17 -0.56 0.00	27.40 -0.59 0.26	22.10 -0.40 0.00	20.17 -0.33 0.00	20.01 -0.30 0.00	22.67 -0.49 0.00	25.38 -0.76 0.00	25.28 -0.78 0.00
SITHE_IND_GS3 24171	25.18 -0.81 0.00	24.94 -0.83 0.00	24.99 -0.88 0.00	22.60 -0.84 0.00	22.73 -0.82 0.00	24.20 -0.83 0.00	21.78 -0.88 3.29	23.03 -0.83 2.17	22.57 -0.85 3.15	25.67 -0.95 2.96	26.20 -1.03 7.09	26.66 -0.94 6.08	28.77 -1.00 4.81	30.42 -0.97 2.04	29.71 -0.79 0.00	23.95 -0.44 0.00	26.17 -0.56 0.00	27.40 -0.59 0.26	22.10 -0.40 0.00	20.17 -0.33 0.00	20.01 -0.30 0.00	22.67 -0.49 0.00	25.38 -0.76 0.00	25.28 -0.78 0.00
SITHE_IND_GS4 24172	25.18 -0.81 0.00	24.94 -0.83 0.00	24.99 -0.88 0.00	22.60 -0.84 0.00	22.73 -0.82 0.00	24.20 -0.83 0.00	21.78 -0.88 3.29	23.03 -0.83 2.17	22.57 -0.85 3.15	25.67 -0.95 2.96	26.20 -1.03 7.09	26.66 -0.94 6.08	28.77 -1.00 4.81	30.42 -0.97 2.04	29.71 -0.79 0.00	23.95 -0.44 0.00	26.17 -0.56 0.00	27.40 -0.59 0.26	22.10 -0.40 0.00	20.17 -0.33 0.00	20.01 -0.30 0.00	22.67 -0.49 0.00	25.38 -0.76 0.00	25.28 -0.78 0.00
SITHE___BATAVIA 24024	26.25 0.13 -0.14	25.94 0.18 0.00	25.65 -0.26 -0.04	23.51 -0.33 -0.39	23.80 -0.33 -0.58	24.92 -0.10 0.00	25.46 -0.23 0.26	26.33 -0.05 -0.34	26.99 0.00 -0.42	29.74 -0.12 -0.28	32.81 -0.07 1.44	33.23 0.20 0.66	34.52 0.10 0.18	34.20 0.00 -0.77	32.63 0.43 -1.70	28.69 1.10 -3.20	32.19 0.94 -4.53	33.72 1.05 -4.41	28.58 1.10 -4.97	26.51 1.02 -4.99	25.79 1.20 -4.28	26.42 1.07 -2.20	27.24 0.42 -0.69	26.67 0.36 -0.24
SITHE___INDEPEND 23800	25.15 -0.83 0.00	24.89 -0.88 0.00	24.96 -0.91 0.00	22.60 -0.84 0.00	22.73 -0.82 0.00	24.20 -0.83 0.00	21.78 -0.88 3.29	23.03 -0.83 2.17	22.57 -0.85 3.15	25.67 -0.95 2.96	26.20 -1.03 7.09	26.66 -0.94 6.08	28.78 -1.00 4.81	30.42 -0.97 2.04	29.71 -0.79 0.00	23.95 -0.44 0.00	26.17 -0.56 0.00	27.40 -0.59 0.26	22.10 -0.41 0.00	20.17 -0.33 0.00	20.01 -0.30 0.00	22.67 -0.49 0.00	25.38 -0.76 0.00	25.25 -0.81 0.00
SITHE___MASSENA 23902	26.16 0.18 0.00	25.92 0.16 0.00	26.02 0.16 0.00	23.68 0.23 0.00	23.79 0.24 0.00	25.22 0.20 0.00	26.06 0.10 0.00	26.09 0.05 0.00	26.65 0.08 0.00	29.64 0.06 0.00	34.12 -0.20 0.00	33.38 -0.30 0.00	34.28 -0.31 0.00	33.03 -0.40 0.00	29.98 -0.52 0.00	15.27 -1.07 8.05	14.00 -1.18 11.55	9.56 -1.24 17.45	9.39 -1.01 12.10	8.03 -0.90 11.57	9.34 -0.87 10.10	22.67 -0.49 0.00	25.98 -0.16 0.00	25.98 -0.08 0.00
SITHE___OGDNSBRG 24021	26.68 0.70 0.00	26.35 0.59 0.00	26.46 0.59 0.00	24.01 0.56 0.00	24.14 0.59 0.00	25.62 0.60 0.00	26.47 0.52 0.00	26.58 0.55 0.00	27.04 0.48 0.00	30.11 0.53 0.00	34.56 0.24 0.00	33.85 0.17 0.00	34.76 0.17 0.00	33.40 -0.03 0.00	30.28 -0.21 0.00	16.29 -0.85 7.25	15.36 -0.96 10.41	11.48 -1.07 15.70	10.78 -0.83 10.89	9.37 -0.72 10.41	10.52 -0.71 9.09	22.90 -0.25 0.00	26.32 0.18 0.00	26.32 0.26 0.00
SITHE___STERLING 23777	26.68 0.70 0.00	26.25 0.49 0.00	26.31 0.44 0.00	23.80 0.35 0.00	23.95 0.40 0.00	25.52 0.50 0.00	26.43 0.70 0.22	26.77 0.89 0.15	27.10 0.74 0.21	30.26 0.89 0.21	34.89 1.07 0.49	34.40 1.15 0.42	35.39 1.14 0.33	34.39 1.10 0.14	31.63 1.13 0.00	25.58 1.19 0.00	27.99 1.26 0.00	29.55 1.27 -0.01	23.60 1.10 0.00	21.54 1.04 0.00	21.31 1.00 0.00	24.10 0.95 0.00	26.95 0.81 0.00	26.76 0.70 0.00
SLEIGHT__34_KV_TB1 80719	26.57 0.47 -0.12	26.07 0.31 0.00	26.14 0.23 -0.04	23.91 0.14 -0.33	24.27 0.24 -0.49	25.50 0.48 0.00	26.48 0.57 0.05	27.24 0.78 -0.42	27.88 0.77 -0.54	30.87 0.89 -0.40	34.74 1.27 0.85	34.93 1.48 0.23	36.15 1.45 -0.11	35.65 1.44 -0.78	33.40 1.43 -1.47	28.82 1.66 -2.77	32.22 1.58 -3.92	33.82 1.72 -3.84	28.24 1.44 -4.30	26.18 1.37 -4.31	25.35 1.34 -3.69	26.28 1.23 -1.90	27.54 0.81 -0.59	26.95 0.68 -0.21
SOUTH CAIRO___GT 23612	29.61 1.97 -1.66	27.95 2.19 0.00	28.39 2.02 -0.51	29.80 1.81 -4.55	32.05 1.79 -6.71	27.05 2.03 0.00	32.05 2.10 -3.99	31.24 2.45 -2.76	32.02 2.55 -2.91	32.93 2.75 -0.60	33.83 2.98 3.48	35.30 3.00 1.37	37.42 2.98 0.15	38.68 2.64 -2.61	39.28 2.38 -6.40	36.21 1.68 -10.14	56.41 1.87 -27.81	73.16 1.61 -43.29	72.63 1.35 -48.78	70.68 1.27 -48.91	63.55 1.28 -41.95	46.19 1.46 -21.58	34.39 1.52 -6.74	29.96 1.51 -2.39
SOUTH HAMPTN___IC 23720	37.66 3.04 -8.64	32.93 3.09 -4.07	29.20 3.03 -0.31	28.92 2.67 -2.81	30.30 2.64 -4.11	29.74 2.98 -1.75	31.35 2.98 -2.41	33.48 2.76 -4.69	35.86 2.95 -6.35	38.34 3.55 -5.22	42.96 4.43 -4.21	44.96 4.35 -6.93	45.66 4.39 -6.68	45.83 4.11 -8.29	47.66 3.96 -13.19	52.37 3.34 -24.64	60.21 4.11 -29.36	68.40 4.38 -35.75	71.86 3.33 -46.03	56.53 2.83 -33.20	52.85 2.66 -29.88	46.37 2.94 -20.27	45.01 3.55 -15.31	42.83 3.36 -13.40
SOUTHDOW__115KV_TB1 355954	26.51 0.34 -0.19	25.86 0.10 0.00	25.56 -0.36 -0.06	23.84 -0.12 -0.51	24.14 -0.16 -0.76	25.30 0.28 0.00	25.70 -0.18 0.07	26.71 0.08 -0.60	27.50 0.16 -0.77	30.45 0.30 -0.57	33.58 0.51 1.26	34.19 0.88 0.36	35.39 0.66 -0.14	35.28 0.74 -1.11	34.05 1.43 -2.12	30.50 2.12 -3.99	33.97 1.47 -5.77	34.85 0.96 -5.62	30.26 1.42 -6.34	28.08 1.23 -6.35	27.19 1.42 -5.45	27.25 1.30 -2.80	27.62 0.60 -0.88	26.84 0.47 -0.31
SOUTHOLD_69_KV_BK 2 55809	38.13 3.51 -8.65	33.47 3.63 -4.07	29.75 3.57 -0.31	29.46 3.21 -2.81	30.82 3.16 -4.11	30.27 3.50 -1.75	31.95 3.58 -2.41	34.16 3.44 -4.69	36.55 3.67 -6.32	39.27 4.50 -5.19	43.95 5.42 -4.21	45.95 5.36 -6.91	46.68 5.43 -6.66	46.94 5.25 -8.26	48.59 4.94 -13.15	53.06 4.12 -24.55	60.99 5.03 -29.24	69.36 5.34 -35.76	72.64 4.10 -46.04	57.19 3.48 -33.20	53.47 3.27 -29.88	47.04 3.61 -20.27	45.74 4.29 -15.31	43.53 4.07 -13.40
SOUTHOLD___IC 23719	38.29 3.66 -8.64	33.52 3.68 -4.07	29.80 3.62 -0.31	29.46 3.21 -2.81	30.82 3.16 -4.11	30.30 3.53 -1.75	31.95 3.58 -2.41	34.13 3.41 -4.69	36.58 3.67 -6.35	39.17 4.38 -5.22	43.98 5.46 -4.21	45.96 5.36 -6.93	46.70 5.43 -6.68	46.87 5.15 -8.29	48.57 4.88 -13.19	53.15 4.12 -24.64	61.11 5.02 -29.36	69.36 5.34 -35.76	72.64 4.10 -46.04	57.19 3.48 -33.20	53.47 3.27 -29.88	47.04 3.61 -20.27	45.72 4.26 -15.31	43.50 4.04 -13.40

SPIERFLS_115KV_TB 1 80737	31.21 2.26 -2.97	27.93 2.16 0.00	28.93 2.15 -0.91	33.59 1.99 -8.16	37.63 2.05 -12.03	27.07 2.05 0.00	35.65 2.23 -7.47	48.16 2.24 -19.88	56.99 2.42 -28.01	57.45 2.72 -25.15	41.37 2.99 -4.06	55.29 3.06 -18.55	61.33 3.04 -23.70	68.17 2.98 -31.76	75.55 2.50 -42.55	108.93 2.17 -82.37	129.85 2.41 -100.72	108.17 2.40 -77.51	112.00 2.16 -87.34	110.26 2.19 -87.57	97.64 2.21 -75.11	64.30 2.50 -38.64	40.84 2.64 -12.06	32.94 2.61 -4.28
ST LAWRENCE____ 23600	25.70 -0.29 0.00	25.50 -0.26 0.00	25.63 -0.23 0.00	23.33 -0.12 0.00	23.43 -0.12 0.00	24.85 -0.17 0.00	25.67 -0.28 0.00	25.67 -0.36 0.00	26.22 -0.35 0.00	29.17 -0.41 0.00	33.67 -0.65 0.00	32.97 -0.71 0.00	33.90 -0.69 0.00	32.69 -0.74 0.00	29.64 -0.85 0.00	15.00 -1.07 8.32	13.64 -1.15 11.94	9.00 -1.21 18.05	9.00 -0.99 12.51	7.65 -0.88 11.96	9.00 -0.87 10.44	22.44 -0.72 0.00	25.59 -0.55 0.00	25.59 -0.47 0.00
STATE_CA_115KV_115_LB 55624	29.36 1.07 -2.31	26.87 1.11 0.00	27.69 1.11 -0.71	30.77 0.98 -6.34	33.90 0.99 -9.36	26.05 1.03 0.00	32.55 1.01 -5.58	30.61 1.04 -3.54	31.24 1.04 -3.64	31.14 1.18 -0.38	30.62 1.37 5.08	32.70 1.35 2.33	35.31 1.38 0.66	37.87 1.30 -3.13	40.16 1.28 -8.38	38.43 1.05 -13.00	65.87 1.10 -38.04	89.69 1.10 -60.32	91.31 0.83 -67.97	89.39 0.74 -68.15	79.50 0.73 -58.46	54.04 0.81 -30.07	36.44 0.91 -9.39	30.33 0.94 -3.33
STATE_ST_34_KV_LOAD 55959	26.21 0.10 -0.13	25.97 0.21 0.00	26.04 0.13 -0.04	23.86 0.07 -0.35	24.21 0.14 -0.52	25.32 0.30 0.00	26.14 0.08 -0.11	26.81 0.23 -0.54	27.52 0.24 -0.72	30.38 0.24 -0.56	34.22 0.45 0.55	34.37 0.64 -0.05	35.49 0.55 -0.35	34.91 0.57 -0.91	32.74 0.70 -1.54	28.26 0.98 -2.90	31.70 0.88 -4.09	33.25 0.96 -4.03	27.87 0.88 -4.49	25.88 0.88 -4.50	25.01 0.83 -3.86	25.86 0.72 -1.99	27.13 0.37 -0.62	26.52 0.23 -0.22
STATION 5_MISC_HYD 23604	26.02 -0.08 -0.12	25.68 -0.08 0.00	25.60 -0.31 -0.04	23.40 -0.38 -0.33	23.66 -0.38 -0.49	24.75 -0.27 0.00	25.34 -0.26 0.35	26.18 -0.08 -0.22	26.77 -0.05 -0.25	29.62 -0.09 -0.13	32.83 0.03 1.53	33.14 0.27 0.80	34.46 0.21 0.34	34.16 0.13 -0.60	32.29 0.30 -1.49	27.97 0.78 -2.80	31.30 0.62 -3.96	32.91 0.79 -3.86	27.58 0.72 -4.36	25.56 0.70 -4.37	24.83 0.77 -3.75	25.71 0.63 -1.93	26.82 0.08 -0.60	26.33 0.05 -0.21
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	26.05 -0.05 -0.12	25.61 -0.15 0.00	25.57 -0.34 -0.04	23.47 -0.30 -0.33	23.78 -0.26 -0.49	24.92 -0.10 0.00	25.64 -0.08 0.24	26.39 0.05 -0.31	27.05 0.11 -0.38	29.94 0.12 -0.25	33.40 0.34 1.26	33.64 0.54 0.57	34.89 0.45 0.15	34.51 0.40 -0.68	32.57 0.58 -1.49	28.15 0.95 -2.81	31.53 0.83 -3.98	33.10 0.96 -3.87	27.74 0.88 -4.36	25.72 0.84 -4.38	24.94 0.87 -3.75	25.83 0.74 -1.93	26.98 0.24 -0.60	26.40 0.13 -0.21
STA_56_34_KV_BUS2_REV_LBMP_B 345033	25.79 -0.31 -0.12	25.37 -0.39 0.00	25.28 -0.62 -0.04	23.26 -0.52 -0.33	23.54 -0.49 -0.48	24.67 -0.35 0.00	25.21 -0.39 0.35	25.97 -0.29 -0.23	26.64 -0.19 -0.26	29.48 -0.24 -0.14	32.77 -0.03 1.51	33.02 0.13 0.79	34.33 0.07 0.33	34.03 0.00 -0.60	32.17 0.18 -1.49	27.85 0.66 -2.80	31.19 0.51 -3.95	32.76 0.65 -3.85	27.45 0.61 -4.34	25.42 0.57 -4.35	24.68 0.63 -3.73	25.56 0.49 -1.92	26.66 -0.08 -0.60	26.14 -0.13 -0.21
STA_56____34_KV_BUS2 355983	25.79 -0.31 -0.12	25.37 -0.39 0.00	25.28 -0.62 -0.04	23.26 -0.52 -0.33	23.54 -0.49 -0.48	24.67 -0.35 0.00	25.21 -0.39 0.35	25.97 -0.29 -0.23	26.64 -0.19 -0.26	29.48 -0.24 -0.14	32.77 -0.03 1.51	33.02 0.13 0.79	34.33 0.07 0.33	34.03 0.00 -0.60	32.17 0.18 -1.49	27.85 0.66 -2.80	31.19 0.51 -3.95	32.76 0.65 -3.85	27.45 0.61 -4.34	25.42 0.57 -4.35	24.68 0.63 -3.73	25.56 0.49 -1.92	26.66 -0.08 -0.60	26.14 -0.13 -0.21
STA_67____115KV_BK2 355882	25.87 -0.23 -0.12	25.45 -0.31 0.00	25.36 -0.54 -0.04	23.33 -0.45 -0.33	23.62 -0.42 -0.49	24.75 -0.28 0.00	25.29 -0.31 0.35	26.05 -0.21 -0.22	26.69 -0.13 -0.25	29.53 -0.18 -0.13	32.76 -0.03 1.53	33.04 0.17 0.81	34.32 0.07 0.34	34.03 0.00 -0.60	32.17 0.18 -1.49	27.88 0.68 -2.80	31.23 0.53 -3.96	32.79 0.68 -3.85	27.51 0.65 -4.35	25.48 0.61 -4.36	24.77 0.71 -3.74	25.63 0.56 -1.93	26.77 0.03 -0.60	26.25 -0.03 -0.21
STA_7____115KV_9TRANS 80674	26.08 -0.03 -0.12	25.66 -0.10 0.00	25.54 -0.36 -0.04	23.52 -0.26 -0.33	23.78 -0.26 -0.49	24.95 -0.08 0.00	25.47 -0.13 0.35	26.26 0.00 -0.22	26.90 0.08 -0.26	29.80 0.09 -0.13	33.10 0.31 1.53	33.38 0.51 0.80	34.70 0.45 0.33	34.40 0.37 -0.60	32.51 0.52 -1.49	28.15 0.95 -2.81	31.53 0.83 -3.97	33.11 0.99 -3.86	27.76 0.90 -4.36	25.71 0.84 -4.37	24.98 0.91 -3.75	25.87 0.79 -1.93	26.98 0.24 -0.60	26.46 0.18 -0.21
STA_82____115KV_TB1 80780	25.89 -0.21 -0.12	25.45 -0.31 0.00	25.36 -0.54 -0.04	23.35 -0.42 -0.33	23.62 -0.42 -0.49	24.77 -0.25 0.00	25.30 -0.31 0.35	26.06 -0.21 -0.23	26.70 -0.13 -0.27	29.57 -0.15 -0.14	32.81 0.00 1.51	33.06 0.17 0.79	34.37 0.10 0.32	34.07 0.03 -0.61	32.18 0.18 -1.50	27.92 0.71 -2.82	31.28 0.56 -3.99	32.84 0.71 -3.88	27.53 0.65 -4.38	25.52 0.64 -4.39	24.79 0.71 -3.76	25.65 0.56 -1.94	26.77 0.03 -0.60	26.25 -0.03 -0.21
STEEL____WIND 323596	26.05 -0.10 -0.17	25.55 -0.21 0.00	25.30 -0.62 -0.05	23.33 -0.59 -0.47	23.64 -0.61 -0.70	24.54 -0.48 0.00	25.04 -0.78 0.14	25.92 -0.63 -0.51	26.59 -0.64 -0.66	29.28 -0.77 -0.47	32.10 -0.89 1.33	32.71 -0.50 0.46	33.90 -0.73 -0.04	33.70 -0.74 -1.00	32.49 0.00 -1.99	29.06 0.93 -3.74	32.77 0.75 -5.29	33.89 0.48 -5.15	29.16 0.85 -5.80	27.09 0.78 -5.82	26.26 0.96 -4.99	26.51 0.79 -2.57	27.05 0.10 -0.80	26.42 0.08 -0.28
STEPHTWN_115KV_BK_2 55603	29.18 1.17 -2.03	26.95 1.19 0.00	27.68 1.19 -0.62	30.08 1.05 -5.58	32.86 1.08 -8.23	26.15 1.13 0.00	31.96 1.14 -4.86	27.93 1.17 -0.72	27.31 1.17 0.43	27.37 1.30 3.51	29.75 1.54 6.12	29.79 1.52 5.40	31.74 1.56 4.41	33.37 1.50 1.56	34.36 1.43 -2.43	26.77 1.17 -1.21	53.33 1.20 -25.40	82.55 1.22 -53.07	83.25 0.95 -59.80	81.30 0.84 -59.96	72.58 0.83 -51.43	50.56 0.95 -26.46	35.45 1.05 -8.26	30.03 1.04 -2.93
STEBEN_REC_LFGE 323667	26.71 0.49 -0.23	25.99 0.23 0.00	25.89 -0.05 -0.07	24.13 0.05 -0.64	24.53 0.05 -0.94	25.42 0.40 0.00	26.28 0.16 -0.17	27.18 0.26 -0.89	27.92 0.19 -1.17	30.64 0.15 -0.92	33.64 0.27 0.96	34.26 0.54 -0.04	35.52 0.38 -0.55	35.29 0.37 -1.50	33.96 0.91 -2.55	30.77 1.59 -4.80	35.04 1.52 -6.78	36.26 1.38 -6.62	31.54 1.60 -7.44	29.44 1.48 -7.46	28.26 1.54 -6.40	27.86 1.41 -3.29	27.90 0.73 -1.03	27.05 0.63 -0.36
STONY____BROOK 24151	37.07 2.44 -8.64	32.26 2.42 -4.07	28.56 2.38 -0.31	28.31 2.06 -2.81	29.71 2.05 -4.11	29.10 2.33 -1.75	30.67 2.31 -2.41	32.78 2.06 -4.69	35.14 2.23 -6.35	37.51 2.72 -5.22	41.93 3.40 -4.21	43.91 3.30 -6.93	44.66 3.39 -6.68	45.00 3.28 -8.29	46.86 3.17 -13.19	51.74 2.71 -24.64	59.35 3.26 -29.36	68.75 3.48 -37.02	73.35 2.59 -48.26	55.85 2.15 -33.20	52.95 2.15 -30.48	46.11 2.36 -20.59	44.47 2.85 -15.48	42.17 2.71 -13.40

STURGEON_POOL_HYD 23609	28.02 0.88 -1.15	26.71 0.95 0.00	27.07 0.85 -0.35	27.35 0.75 -3.16	28.90 0.68 -4.66	25.90 0.88 0.00	29.70 1.01 -2.73	31.48 1.28 -4.17	33.36 1.38 -5.42	35.14 1.54 -4.02	35.13 1.78 0.98	37.49 1.68 -2.13	39.77 1.73 -3.45	41.05 1.74 -5.89	41.39 1.74 -9.15	42.51 1.34 -16.78	55.85 2.14 -26.98	60.46 2.06 -30.14	57.93 1.46 -33.96	55.72 1.17 -34.05	50.64 1.12 -29.21	39.34 1.16 -15.03	32.19 1.36 -4.69	28.95 1.22 -1.66
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	27.94 1.01 -0.95	26.71 0.95 0.00	27.09 0.93 -0.29	26.84 0.80 -2.60	28.16 0.78 -3.83	25.92 0.90 0.00	29.26 1.06 -2.24	31.47 1.07 -4.37	33.62 1.17 -5.88	35.74 1.33 -4.83	35.72 1.54 0.15	38.21 1.45 -3.08	40.47 1.52 -4.36	41.52 1.54 -6.55	41.53 1.56 -9.48	43.63 1.39 -17.85	53.75 1.79 -25.23	54.80 1.92 -24.62	51.62 1.37 -27.74	49.42 1.11 -27.81	45.23 1.06 -23.86	36.54 1.11 -12.27	31.28 1.31 -3.83	28.62 1.20 -1.36
SWANROAD_115KV_TB1 355699	25.18 -0.96 -0.16	24.76 -1.00 0.00	24.36 -1.55 -0.05	22.65 -1.22 -0.43	22.94 -1.25 -0.63	24.17 -0.85 0.00	24.45 -1.30 0.21	25.13 -1.33 -0.42	25.79 -1.30 -0.53	28.40 -1.54 -0.36	31.21 -1.72 1.40	31.66 -1.45 0.58	32.81 -1.69 0.09	32.56 -1.74 -0.87	31.17 -1.16 -1.83	27.79 -0.05 -3.45	31.29 -0.32 -4.88	32.62 -0.40 -4.75	27.88 0.02 -5.35	25.91 0.04 -5.37	25.14 0.22 -4.60	25.48 -0.05 -2.37	26.15 -0.73 -0.74	25.65 -0.68 -0.26
SYNERGY___BIOGAS 323694	26.25 0.13 -0.14	25.94 0.18 0.00	25.65 -0.26 -0.04	23.51 -0.33 -0.39	23.80 -0.33 -0.58	24.92 -0.10 0.00	25.46 -0.23 0.26	26.33 -0.05 -0.34	26.99 0.00 -0.42	29.74 -0.12 -0.28	32.81 -0.07 1.44	33.23 0.20 0.66	34.52 0.10 0.18	34.20 0.00 -0.77	32.63 0.43 -1.70	28.69 1.10 -3.20	32.19 0.94 -4.53	33.72 1.05 -4.41	28.58 1.10 -4.97	26.51 1.02 -4.99	25.79 1.20 -4.28	26.42 1.07 -2.20	27.24 0.42 -0.69	26.67 0.36 -0.24
SYRACUSE___ENERGY_ST1 323597	25.95 -0.13 -0.10	25.53 -0.23 0.00	25.61 -0.28 -0.03	23.41 -0.30 -0.27	23.69 -0.26 -0.39	24.85 -0.18 0.00	25.81 -0.21 -0.07	26.35 -0.10 -0.42	26.99 -0.13 -0.55	29.89 -0.12 -0.43	33.83 0.00 0.49	33.78 0.10 0.00	34.90 0.07 -0.25	34.25 0.10 -0.72	31.95 0.21 -1.24	27.18 0.46 -2.33	30.42 0.40 -3.29	31.91 0.40 -3.25	26.52 0.41 -3.61	24.55 0.43 -3.62	23.85 0.43 -3.11	25.03 0.28 -1.60	26.61 -0.03 -0.50	26.16 -0.08 -0.18
SYRACUSE___ENERGY_ST2 323598	25.95 -0.13 -0.10	25.53 -0.23 0.00	25.61 -0.28 -0.03	23.41 -0.30 -0.27	23.69 -0.26 -0.39	24.85 -0.18 0.00	25.81 -0.21 -0.07	26.35 -0.10 -0.42	26.99 -0.13 -0.55	29.89 -0.12 -0.43	33.83 0.00 0.49	33.78 0.10 0.00	34.90 0.07 -0.25	34.25 0.10 -0.72	31.95 0.21 -1.24	27.18 0.46 -2.33	30.42 0.40 -3.29	31.91 0.40 -3.25	26.52 0.41 -3.61	24.55 0.43 -3.62	23.85 0.43 -3.11	25.03 0.28 -1.60	26.61 -0.03 -0.50	26.16 -0.08 -0.18
SYRACUSE___POWER 24017	25.82 -0.26 -0.10	25.43 -0.33 0.00	25.51 -0.39 -0.03	23.35 -0.38 -0.28	23.61 -0.35 -0.41	24.75 -0.28 0.00	25.57 -0.34 0.05	26.16 -0.23 -0.36	26.79 -0.24 -0.46	29.68 -0.24 -0.34	33.37 -0.17 0.78	33.38 -0.07 0.23	34.59 -0.07 -0.07	34.06 -0.03 -0.67	31.87 0.09 -1.28	27.16 0.37 -2.41	30.43 0.29 -3.40	31.92 0.31 -3.34	26.58 0.34 -3.74	24.63 0.39 -3.75	23.92 0.39 -3.21	25.04 0.23 -1.65	26.58 -0.08 -0.52	26.11 -0.13 -0.18
TALLMAN__138KV_BK151 55660	28.02 1.07 -0.97	26.79 1.03 0.00	27.17 1.01 -0.30	26.98 0.87 -2.67	28.32 0.82 -3.94	26.00 0.98 0.00	29.38 1.12 -2.31	31.67 1.15 -4.49	33.89 1.28 -6.05	36.00 1.45 -4.97	35.89 1.72 0.15	38.44 1.58 -3.17	40.73 1.66 -4.48	41.87 1.70 -6.73	41.98 1.74 -9.74	44.25 1.51 -18.34	54.64 1.98 -25.93	55.66 2.09 -25.30	52.50 1.49 -28.51	50.28 1.19 -28.59	45.98 1.14 -24.52	36.97 1.20 -12.62	31.52 1.44 -3.94	28.76 1.30 -1.40
TEALLAVE_115KV_TB7 355573	25.70 -0.36 -0.08	25.32 -0.44 0.00	25.40 -0.49 -0.02	23.22 -0.45 -0.22	23.46 -0.42 -0.33	24.65 -0.38 0.00	25.36 -0.44 0.15	25.92 -0.34 -0.23	26.50 -0.35 -0.28	29.41 -0.35 -0.18	33.16 -0.27 0.89	33.11 -0.17 0.40	34.32 -0.17 0.10	33.75 -0.17 -0.49	31.54 -0.03 -1.07	26.68 0.27 -2.02	29.78 0.19 -2.86	31.24 0.17 -2.81	25.89 0.25 -3.14	23.93 0.29 -3.15	23.32 0.30 -2.70	24.68 0.14 -1.39	26.42 -0.16 -0.43	25.98 -0.23 -0.15
TELGRAPH_34_KV_EAST 80808	25.77 -0.36 -0.15	25.30 -0.46 0.00	24.98 -0.93 -0.05	23.17 -0.68 -0.41	23.47 -0.68 -0.60	24.67 -0.35 0.00	25.07 -0.65 0.24	25.84 -0.57 -0.38	26.53 -0.50 -0.47	29.24 -0.65 -0.31	32.25 -0.65 1.42	32.65 -0.40 0.63	33.86 -0.59 0.14	33.57 -0.67 -0.81	32.07 -0.18 -1.75	28.39 0.71 -3.30	31.87 0.48 -4.66	33.28 0.48 -4.54	28.32 0.70 -5.12	26.29 0.66 -5.13	25.55 0.83 -4.40	26.07 0.65 -2.26	26.82 -0.03 -0.71	26.29 -0.03 -0.25
TEMPLE___115KV_TB 2 55572	25.73 -0.34 -0.08	25.35 -0.41 0.00	25.43 -0.47 -0.03	23.23 -0.45 -0.23	23.46 -0.42 -0.34	24.67 -0.35 0.00	25.39 -0.42 0.15	25.95 -0.31 -0.23	26.54 -0.32 -0.29	29.44 -0.33 -0.19	33.18 -0.24 0.90	33.14 -0.13 0.40	34.35 -0.14 0.10	33.80 -0.13 -0.50	31.59 0.00 -1.09	26.73 0.29 -2.05	29.84 0.21 -2.90	31.31 0.20 -2.85	25.96 0.27 -3.19	24.00 0.31 -3.19	23.36 0.30 -2.74	24.72 0.16 -1.41	26.42 -0.16 -0.44	26.01 -0.21 -0.16
TIANA____69_KV_BK 1 55817	37.33 2.70 -8.65	32.70 2.86 -4.07	29.00 2.82 -0.31	28.76 2.51 -2.81	30.13 2.47 -4.11	29.52 2.75 -1.75	31.17 2.80 -2.41	33.30 2.58 -4.69	35.62 2.74 -6.32	38.20 3.43 -5.19	42.65 4.12 -4.21	44.63 4.04 -6.91	45.37 4.12 -6.66	45.63 3.94 -8.26	47.40 3.75 -13.15	52.09 3.15 -24.55	59.87 3.90 -29.24	68.17 4.15 -35.76	71.67 3.13 -46.04	56.37 2.66 -33.20	52.69 2.50 -29.88	46.20 2.78 -20.27	44.85 3.40 -15.31	42.69 3.23 -13.40
TILDEN___115KV_TB1 80814	25.82 -0.26 -0.10	25.43 -0.33 0.00	25.51 -0.39 -0.03	23.35 -0.38 -0.28	23.61 -0.35 -0.41	24.75 -0.28 0.00	25.57 -0.34 0.05	26.16 -0.23 -0.36	26.79 -0.24 -0.46	29.68 -0.24 -0.34	33.37 -0.17 0.78	33.38 -0.07 0.23	34.59 -0.07 -0.07	34.06 -0.03 -0.67	31.87 0.09 -1.28	27.16 0.37 -2.41	30.43 0.29 -3.40	31.92 0.31 -3.34	26.58 0.34 -3.74	24.63 0.39 -3.75	23.92 0.39 -3.21	25.04 0.23 -1.65	26.58 -0.08 -0.52	26.11 -0.13 -0.18
TRIGEN___CC 323695	36.26 1.64 -8.65	31.43 1.60 -4.07	27.78 1.60 -0.31	27.63 1.38 -2.81	29.00 1.34 -4.11	28.29 1.53 -1.75	30.00 1.64 -2.41	32.23 1.51 -4.69	34.53 1.65 -6.32	36.78 2.01 -5.19	40.96 2.44 -4.21	42.92 2.32 -6.91	43.66 2.42 -6.65	44.12 2.44 -8.25	46.05 2.41 -13.14	50.99 2.05 -24.55	58.55 2.59 -29.23	57.52 2.74 -26.52	54.29 2.00 -29.79	55.31 1.64 -33.17	47.49 1.58 -25.59	43.94 1.69 -19.10	42.90 2.07 -14.70	41.39 1.93 -13.40
TRINITY__115KV__ 4 BK 55933	29.02 0.96 -2.08	26.79 1.03 0.00	27.54 1.03 -0.64	30.06 0.91 -5.70	32.86 0.89 -8.42	25.97 0.95 0.00	31.87 0.93 -4.98	28.21 0.96 -1.21	27.78 0.93 -0.28	27.79 1.04 2.82	29.60 1.20 5.92	30.00 1.18 4.85	32.06 1.21 3.74	33.83 1.14 0.73	35.09 1.13 -3.47	28.56 0.90 -3.27	55.24 0.94 -27.57	83.48 0.96 -54.26	84.36 0.72 -61.14	82.43 0.64 -61.30	73.53 0.63 -52.58	50.90 0.69 -27.05	35.37 0.78 -8.44	29.89 0.83 -2.99

UNION___PROCESSING_DRP 323587	25.89 -0.21 -0.12	25.48 -0.28 0.00	25.39 -0.52 -0.04	23.36 -0.42 -0.33	23.64 -0.40 -0.49	24.77 -0.25 0.00	25.33 -0.29 0.34	26.09 -0.18 -0.23	26.73 -0.11 -0.27	29.58 -0.15 -0.14	32.81 0.00 1.51	33.10 0.20 0.78	34.37 0.10 0.32	34.07 0.03 -0.61	32.21 0.21 -1.50	27.92 0.71 -2.82	31.28 0.56 -3.99	32.86 0.71 -3.89	27.56 0.68 -4.38	25.53 0.64 -4.39	24.82 0.73 -3.77	25.67 0.58 -1.94	26.77 0.03 -0.61	26.28 0.00 -0.21
UPPER HUDSON___HYD 24058	31.29 2.34 -2.97	27.95 2.19 0.00	28.95 2.17 -0.91	33.59 1.99 -8.16	37.63 2.05 -12.03	27.10 2.08 0.00	35.65 2.23 -7.47	48.16 2.24 -19.88	56.95 2.42 -27.97	57.42 2.72 -25.12	41.37 2.98 -4.06	55.27 3.06 -18.53	61.30 3.04 -23.67	68.13 2.97 -31.72	75.49 2.50 -42.49	108.82 2.17 -82.26	129.69 2.41 -100.56	108.17 2.40 -77.51	112.00 2.16 -87.34	110.26 2.19 -87.57	97.64 2.21 -75.11	64.30 2.50 -38.64	40.84 2.64 -12.06	32.94 2.61 -4.28
UPPER RAQUET___HYD 24056	26.29 0.31 0.00	26.02 0.26 0.00	26.13 0.26 0.00	23.77 0.33 0.00	23.90 0.35 0.00	25.37 0.35 0.00	26.21 0.26 0.00	26.30 0.26 0.00	26.81 0.24 0.00	29.85 0.27 0.00	34.18 -0.14 0.00	33.45 -0.23 0.00	34.35 -0.24 0.00	32.89 -0.54 0.00	29.83 -0.67 0.00	16.41 -1.24 6.74	15.58 -1.47 9.68	12.04 -1.64 14.58	11.08 -1.31 10.12	9.66 -1.17 9.67	10.74 -1.14 8.44	22.48 -0.67 0.00	26.01 -0.13 0.00	26.09 0.03 0.00
VALLEY44_115KV_TB2 355964	25.76 -0.42 -0.20	25.17 -0.59 0.00	25.00 -0.93 -0.06	23.30 -0.68 -0.54	23.63 -0.71 -0.79	24.60 -0.43 0.00	24.57 -1.35 0.04	25.51 -1.17 -0.65	26.21 -1.20 -0.84	28.88 -1.33 -0.63	31.59 -1.51 1.22	32.20 -1.18 0.30	33.34 -1.45 -0.21	33.24 -1.37 -1.18	32.61 -0.09 -2.20	29.36 0.83 -4.14	33.28 0.69 -5.86	34.02 0.06 -5.70	29.69 0.77 -6.43	27.62 0.68 -6.44	26.68 0.83 -5.53	26.65 0.65 -2.84	27.03 0.00 -0.89	26.30 -0.08 -0.31
VALLEY___115KV_TB 1-4 80826	26.08 0.10 0.00	25.71 -0.05 0.00	25.79 -0.08 0.00	23.37 -0.07 0.00	23.48 -0.07 0.00	24.97 -0.05 0.00	26.07 0.18 0.07	26.25 0.26 0.05	26.71 0.21 0.07	29.81 0.30 0.07	34.54 0.38 0.16	33.92 0.37 0.13	34.83 0.35 0.11	33.69 0.30 0.04	30.77 0.27 0.00	25.21 0.32 -0.50	27.77 0.32 -0.72	29.65 0.28 -1.11	23.45 0.18 -0.77	21.31 0.08 -0.73	20.96 0.00 -0.64	23.13 -0.02 0.00	26.04 -0.10 0.00	25.93 -0.13 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	28.09 1.38 -0.73	27.08 1.31 0.00	27.44 1.35 -0.22	26.65 1.20 -2.02	27.75 1.22 -2.97	26.40 1.38 0.00	29.02 1.40 -1.66	31.07 1.67 -3.37	32.69 1.57 -4.56	35.15 1.83 -3.73	36.18 2.20 0.34	38.12 2.19 -2.25	40.07 2.18 -3.30	40.69 2.14 -5.12	40.13 2.13 -7.50	40.50 2.00 -14.12	48.85 2.17 -19.95	49.79 2.18 -19.35	46.05 1.76 -21.80	43.93 1.58 -21.85	40.57 1.50 -18.75	34.30 1.50 -9.64	30.67 1.52 -3.01	28.48 1.36 -1.07
VISCHER___FERRY HYD 24020	30.01 1.40 -2.63	27.13 1.36 0.00	28.04 1.37 -0.80	31.87 1.22 -7.21	35.41 1.22 -10.63	26.30 1.28 0.00	34.20 1.40 -6.84	56.71 1.38 -29.30	70.64 1.49 -42.59	72.31 1.66 -41.07	47.94 1.96 -11.67	68.44 1.92 -32.84	76.26 1.97 -39.70	84.60 1.90 -49.27	94.20 1.80 -61.90	148.90 1.51 -123.00	157.07 1.66 -128.68	98.48 1.67 -68.55	101.07 1.33 -77.24	99.16 1.21 -77.45	87.94 1.20 -66.43	58.65 1.32 -34.18	38.27 1.46 -10.67	31.33 1.48 -3.78
V_A_10_SYNC_DSASP 323832	25.50 -0.62 -0.14	24.96 -0.80 0.00	24.82 -1.09 -0.04	22.96 -0.87 -0.38	23.24 -0.87 -0.56	24.35 -0.68 0.00	24.93 -0.73 0.30	25.64 -0.70 -0.31	26.27 -0.66 -0.37	29.01 -0.80 -0.23	31.96 -0.86 1.50	32.35 -0.61 0.73	33.55 -0.80 0.24	33.28 -0.87 -0.72	31.54 -0.61 -1.65	27.75 0.24 -3.12	31.21 0.08 -4.40	32.71 0.17 -4.28	27.63 0.29 -4.83	25.65 0.31 -4.85	24.92 0.45 -4.16	25.50 0.21 -2.14	26.39 -0.42 -0.67	25.91 -0.39 -0.24
V_CMM_10_SYNC_DSASP 323787	25.80 -0.18 0.00	25.61 -0.15 0.00	25.74 -0.13 0.00	23.42 -0.02 0.00	23.53 -0.02 0.00	24.95 -0.07 0.00	25.75 -0.21 0.00	25.77 -0.26 0.00	26.33 -0.24 0.00	29.28 -0.30 0.00	33.84 -0.48 0.00	33.11 -0.57 0.00	34.03 -0.55 0.00	32.83 -0.60 0.00	29.77 -0.73 0.00	15.10 -0.98 8.32	13.74 -1.04 11.94	9.11 -1.10 18.05	9.09 -0.90 12.51	7.73 -0.80 11.96	9.10 -0.77 10.44	22.53 -0.62 0.00	25.70 -0.44 0.00	25.70 -0.36 0.00
V_CMP_10_SYNC_DSASP 323788	26.50 0.52 0.00	26.38 0.62 0.00	26.51 0.65 0.00	24.12 0.68 0.00	24.23 0.68 0.00	25.67 0.65 0.00	26.34 0.39 0.00	26.43 0.39 0.00	27.07 0.50 0.00	29.64 0.06 0.00	34.22 -0.10 0.00	33.38 -0.30 0.00	34.24 -0.35 0.00	32.89 -0.54 0.00	29.80 -0.70 0.00	15.20 -0.98 8.21	13.95 -0.99 11.79	9.34 -1.10 17.81	9.27 -0.88 12.35	7.89 -0.80 11.81	9.54 -0.47 10.31	22.78 -0.37 0.00	25.80 -0.34 0.00	25.80 -0.26 0.00
V_E_10_SYNC_DSASP 323830	28.63 2.23 -0.41	27.54 1.78 0.00	27.67 1.68 -0.13	25.98 1.41 -1.13	26.71 1.48 -1.67	26.85 1.83 0.00	28.83 2.08 -0.80	30.32 2.45 -1.84	31.06 2.02 -2.48	33.81 2.22 -2.01	36.39 2.61 0.53	37.41 2.73 -1.01	38.92 2.66 -1.67	38.86 2.57 -2.85	37.45 2.62 -4.32	35.24 2.71 -8.14	41.13 2.89 -11.51	42.48 3.03 -11.19	37.77 2.68 -12.59	35.63 2.50 -12.63	33.59 2.44 -10.83	31.11 2.39 -5.57	29.92 2.04 -1.74	28.42 1.75 -0.62
V_F_30_NSYNC___DSASP 323816	30.83 1.92 -2.93	27.59 1.83 0.00	28.60 1.84 -0.90	33.15 1.66 -8.04	37.09 1.67 -11.87	26.75 1.73 0.00	35.19 1.84 -7.39	49.00 1.82 -21.14	58.43 1.94 -29.92	59.01 2.19 -27.24	41.89 2.50 -5.06	56.67 2.56 -20.43	62.99 2.60 -25.80	70.00 2.51 -34.07	77.88 2.29 -45.09	114.05 1.95 -87.71	133.27 2.16 -104.37	106.90 2.21 -76.43	110.47 1.85 -86.12	108.57 1.72 -86.35	96.11 1.73 -74.07	63.20 1.95 -38.11	40.13 2.09 -11.89	32.36 2.09 -4.22
V_F_30_SYNC_DSASP 323786	29.34 1.07 -2.29	26.87 1.11 0.00	27.68 1.11 -0.70	30.72 0.98 -6.29	33.82 0.99 -9.28	26.05 1.03 0.00	32.50 1.01 -5.53	30.43 1.04 -3.35	30.98 1.04 -3.38	30.89 1.18 -0.13	30.55 1.37 5.14	32.50 1.35 2.53	35.07 1.38 0.91	37.56 1.30 -2.83	39.78 1.28 -8.00	37.65 1.02 -12.23	65.04 1.10 -37.22	89.20 1.10 -59.83	90.76 0.83 -67.42	88.84 0.74 -67.60	79.03 0.73 -57.98	53.79 0.81 -29.83	36.37 0.91 -9.31	30.30 0.94 -3.30
V_XM_10_SYNC_DSASP 323789	26.50 0.52 0.00	26.38 0.62 0.00	26.51 0.65 0.00	24.12 0.68 0.00	24.23 0.68 0.00	25.67 0.65 0.00	26.34 0.39 0.00	26.43 0.39 0.00	27.07 0.50 0.00	29.64 0.06 0.00	34.22 -0.10 0.00	33.38 -0.30 0.00	34.24 -0.35 0.00	32.89 -0.54 0.00	29.80 -0.70 0.00	15.20 -0.98 8.21	13.95 -0.99 11.79	9.34 -1.10 17.81	9.27 -0.88 12.35	7.89 -0.80 11.81	9.54 -0.47 10.31	22.78 -0.37 0.00	25.80 -0.34 0.00	25.80 -0.26 0.00
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	28.16 1.20 -0.98	26.89 1.13 0.00	27.28 1.11 -0.30	27.09 0.96 -2.69	28.43 0.92 -3.96	26.10 1.08 0.00	29.52 1.25 -2.32	31.83 1.28 -4.52	34.06 1.41 -6.09	36.18 1.60 -5.00	36.06 1.89 0.15	38.62 1.75 -3.19	40.90 1.80 -4.51	42.04 1.84 -6.78	42.13 1.83 -9.80	44.45 1.61 -18.45	54.93 2.11 -26.09	55.92 2.20 -25.46	52.79 1.60 -28.69	50.53 1.27 -28.76	46.21 1.22 -24.67	37.14 1.30 -12.69	31.64 1.54 -3.96	28.87 1.41 -1.40

W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	28.32 1.33 -1.02	27.02 1.26 0.00	27.37 1.19 -0.31	27.26 1.03 -2.79	28.67 1.01 -4.11	26.22 1.20 0.00	29.74 1.38 -2.41	32.18 1.46 -4.69	34.45 1.57 -6.31	36.57 1.80 -5.19	36.30 2.13 0.14	39.02 2.02 -3.32	41.41 2.14 -4.68	42.63 2.17 -7.03	42.85 2.20 -10.16	45.38 1.85 -19.13	56.26 2.49 -27.05	57.28 2.63 -26.39	54.09 1.85 -29.74	51.77 1.46 -29.82	47.28 1.38 -25.58	37.75 1.44 -13.16	32.00 1.75 -4.11	29.11 1.59 -1.46
W50THST__13_KV_LOAD 356117	28.42 1.43 -1.02	27.13 1.37 0.00	27.47 1.29 -0.31	27.35 1.13 -2.79	28.77 1.11 -4.11	26.35 1.33 0.00	29.90 1.53 -2.41	32.34 1.61 -4.69	34.63 1.75 -6.31	36.78 2.01 -5.19	36.55 2.37 0.14	39.25 2.26 -3.32	41.62 2.35 -4.68	42.86 2.41 -7.03	43.07 2.41 -10.16	45.55 2.02 -19.13	56.45 2.67 -27.05	57.48 2.83 -26.39	54.22 1.98 -29.74	51.90 1.58 -29.82	47.40 1.50 -25.58	37.86 1.55 -13.16	32.13 1.88 -4.11	29.24 1.72 -1.46
WADING RIVER_IC_1 23522	37.12 2.49 -8.64	32.44 2.60 -4.07	28.72 2.54 -0.31	28.48 2.23 -2.81	29.85 2.19 -4.11	29.27 2.50 -1.75	30.88 2.52 -2.41	32.96 2.24 -4.69	35.25 2.34 -6.35	37.63 2.84 -5.22	42.10 3.57 -4.21	44.05 3.44 -6.93	44.76 3.49 -6.68	44.90 3.18 -8.29	46.81 3.11 -13.19	51.67 2.63 -24.64	59.41 3.31 -29.36	67.53 3.53 -35.73	71.15 2.65 -45.99	55.94 2.23 -33.20	52.32 2.13 -29.87	45.78 2.36 -20.27	44.46 3.00 -15.31	42.30 2.84 -13.40
WADING RIVER_IC_2 23547	37.12 2.49 -8.64	32.44 2.60 -4.07	28.72 2.54 -0.31	28.48 2.23 -2.81	29.85 2.19 -4.11	29.27 2.50 -1.75	30.88 2.52 -2.41	32.96 2.24 -4.69	35.25 2.34 -6.35	37.63 2.84 -5.22	42.10 3.57 -4.21	44.05 3.44 -6.93	44.76 3.49 -6.68	44.90 3.18 -8.29	46.81 3.11 -13.19	51.67 2.63 -24.64	59.41 3.31 -29.36	67.53 3.53 -35.73	71.15 2.65 -45.99	55.94 2.23 -33.20	52.32 2.13 -29.87	45.78 2.36 -20.27	44.46 3.00 -15.31	42.30 2.84 -13.40
WADING RIVER_IC_3 23601	37.12 2.49 -8.64	32.44 2.60 -4.07	28.72 2.54 -0.31	28.48 2.23 -2.81	29.85 2.19 -4.11	29.27 2.50 -1.75	30.88 2.52 -2.41	32.96 2.24 -4.69	35.25 2.34 -6.35	37.63 2.84 -5.22	42.10 3.57 -4.21	44.05 3.44 -6.93	44.76 3.49 -6.68	44.90 3.18 -8.29	46.81 3.11 -13.19	51.67 2.63 -24.64	59.41 3.31 -29.36	67.53 3.53 -35.73	71.15 2.65 -45.99	55.94 2.23 -33.20	52.32 2.13 -29.87	45.78 2.36 -20.27	44.46 3.00 -15.31	42.30 2.84 -13.40
WALDENNY_12_KV_BK2 80841	25.89 -0.26 -0.17	25.30 -0.46 0.00	25.04 -0.88 -0.05	23.30 -0.61 -0.47	23.61 -0.64 -0.69	24.70 -0.33 0.00	25.06 -0.75 0.14	25.89 -0.65 -0.50	26.60 -0.61 -0.64	29.33 -0.71 -0.46	32.23 -0.76 1.33	32.77 -0.44 0.48	33.95 -0.66 -0.02	33.75 -0.67 -0.99	32.47 0.00 -1.97	29.02 0.93 -3.71	32.72 0.75 -5.24	33.88 0.51 -5.11	29.11 0.86 -5.75	27.05 0.78 -5.77	26.22 0.95 -4.95	26.46 0.76 -2.55	27.04 0.10 -0.79	26.42 0.08 -0.28
WALDEN__HYDRO 24148	28.40 1.43 -1.00	27.05 1.29 0.00	27.41 1.24 -0.30	27.25 1.08 -2.73	28.59 1.01 -4.03	26.22 1.20 0.00	29.64 1.32 -2.36	32.11 1.48 -4.59	34.35 1.57 -6.21	36.46 1.77 -5.11	36.17 1.99 0.15	38.79 1.85 -3.26	41.10 1.90 -4.61	42.22 1.87 -6.92	42.36 1.86 -10.00	44.89 1.66 -18.84	55.52 2.16 -26.63	56.90 2.32 -26.32	53.90 1.73 -29.66	51.69 1.46 -29.74	47.25 1.42 -25.51	37.78 1.50 -13.12	31.96 1.72 -4.10	29.08 1.56 -1.45
WARRENSBURG____ 23737	31.29 2.34 -2.97	27.95 2.19 0.00	28.95 2.17 -0.91	33.59 1.99 -8.16	37.63 2.05 -12.03	27.10 2.08 0.00	35.65 2.23 -7.47	48.16 2.24 -19.88	56.95 2.42 -27.97	57.42 2.72 -25.12	41.37 2.98 -4.06	55.27 3.06 -18.53	61.30 3.04 -23.67	68.13 2.97 -31.72	75.49 2.50 -42.49	108.82 2.17 -82.26	129.69 2.41 -100.56	108.17 2.40 -77.51	112.00 2.16 -87.34	110.26 2.19 -87.57	97.64 2.21 -75.11	64.30 2.50 -38.64	40.84 2.64 -12.06	32.94 2.61 -4.28
WATERSIDE____6 8 9 23538	28.43 1.43 -1.02	27.13 1.37 -0.01	27.47 1.29 -0.31	27.35 1.13 -2.79	28.74 1.08 -4.11	26.32 1.30 0.00	29.77 1.40 -2.41	32.18 1.46 -4.69	34.42 1.54 -6.31	36.51 1.75 -5.19	36.27 2.09 0.14	38.98 1.99 -3.32	41.38 2.11 -4.68	42.63 2.17 -7.03	42.88 2.23 -10.16	45.38 1.85 -19.13	56.32 2.54 -27.06	57.34 2.68 -26.39	54.09 1.85 -29.74	51.80 1.48 -29.82	47.26 1.36 -25.58	37.75 1.44 -13.16	32.08 1.83 -4.11	29.19 1.67 -1.46
WATKINRD_115KV_LN8_ILLION 55919	26.11 0.13 0.00	25.79 0.03 0.00	25.87 0.00 0.00	23.44 0.00 0.00	23.55 0.00 0.00	25.05 0.03 0.00	26.09 0.21 0.07	26.25 0.26 0.05	26.71 0.21 0.07	29.78 0.27 0.07	34.51 0.34 0.16	33.88 0.34 0.13	34.83 0.35 0.11	33.72 0.33 0.04	30.80 0.30 -0.50	25.21 0.32 -0.72	27.80 0.35 -0.72	29.71 0.34 -1.11	23.52 0.25 -0.77	21.42 0.18 -0.73	21.10 0.14 -0.64	23.27 0.12 0.00	26.25 0.10 0.00	26.11 0.05 0.00
WATSON____69_KV_BK 1 55734	37.09 2.47 -8.65	32.33 2.50 -4.07	28.64 2.46 -0.31	28.41 2.16 -2.81	29.80 2.14 -4.11	29.17 2.40 -1.75	30.86 2.49 -2.41	32.99 2.27 -4.69	35.30 2.42 -6.32	37.79 3.02 -5.19	42.20 3.67 -4.21	44.13 3.54 -6.91	44.91 3.67 -6.66	45.26 3.58 -8.26	47.12 3.48 -13.14	51.84 2.90 -24.55	59.60 3.64 -29.23	67.41 3.87 -35.28	70.62 2.93 -45.19	56.19 2.46 -33.23	52.28 2.36 -29.61	45.44 2.59 -19.70	44.24 3.08 -15.01	42.43 2.97 -13.40
WDELAWARE__HYD 323627	27.77 0.83 -0.96	26.51 0.75 0.00	26.89 0.72 -0.29	26.66 0.59 -2.64	27.98 0.54 -3.89	25.70 0.68 0.00	28.92 0.70 -2.27	31.24 0.78 -4.42	33.40 0.85 -5.98	35.42 0.92 -4.92	35.20 1.03 0.15	37.73 0.91 -3.14	39.95 0.93 -4.43	41.06 0.97 -6.66	41.14 1.00 -9.64	43.54 1.00 -18.15	53.86 1.47 -25.66	55.03 1.64 -25.13	52.01 1.19 -28.32	49.83 0.94 -28.39	45.56 0.89 -24.35	36.58 0.90 -12.53	31.07 1.02 -3.91	28.33 0.89 -1.39
WEST BABYLON__IC 23714	36.94 2.31 -8.65	32.13 2.29 -4.07	28.46 2.28 -0.31	28.24 1.99 -2.81	29.64 1.98 -4.11	28.99 2.23 -1.75	30.67 2.31 -2.41	32.83 2.11 -4.69	35.14 2.26 -6.32	37.55 2.78 -5.19	41.93 3.40 -4.21	43.83 3.23 -6.91	44.60 3.36 -6.66	44.93 3.24 -8.25	46.81 3.17 -13.14	51.62 2.68 -24.55	59.30 3.34 -29.23	61.53 3.56 -29.71	60.58 2.68 -35.40	55.95 2.25 -33.19	49.53 2.17 -27.04	44.82 2.41 -19.26	43.80 2.88 -14.78	42.23 2.76 -13.40
WEST CANADA__HYD 24049	26.06 0.08 0.00	25.81 0.05 0.00	25.92 0.05 0.00	23.47 0.02 0.00	23.57 0.02 0.00	25.05 0.03 0.00	26.04 0.16 0.07	26.17 0.18 0.05	26.69 0.19 0.07	29.72 0.21 0.07	34.41 0.24 0.16	33.78 0.24 0.13	34.73 0.24 0.11	33.62 0.24 0.04	30.77 0.27 0.00	25.16 0.27 -0.50	27.75 0.29 -0.72	29.68 0.31 -1.11	23.49 0.22 -0.77	21.42 0.18 -0.73	21.14 0.18 -0.64	23.32 0.16 0.00	26.30 0.16 0.00	26.19 0.13 0.00
WESTERN_NY_WIND 24143	26.23 0.10 -0.15	25.92 0.16 0.00	25.60 -0.31 -0.04	23.47 -0.38 -0.40	23.78 -0.35 -0.59	24.87 -0.15 0.00	25.44 -0.26 0.25	26.29 -0.10 -0.36	26.95 -0.05 -0.44	29.72 -0.15 -0.29	32.75 -0.14 1.43	33.17 0.14 0.65	34.46 0.03 0.16	34.15 -0.07 -0.78	32.59 0.37 -1.72	28.70 1.07 -3.24	32.19 0.88 -4.58	33.71 0.99 -4.46	28.59 1.06 -5.03	26.55 1.00 -5.04	25.82 1.18 -4.33	26.40 1.02 -2.23	27.20 0.37 -0.69	26.64 0.34 -0.25



WESTOVER___LESR 323668	26.54 0.21 -0.36	25.84 0.08 0.00	26.00 0.03 -0.11	24.44 0.02 -0.98	25.04 0.05 -1.44	25.17 0.15 0.00	26.64 0.05 -0.63	27.74 0.16 -1.55	28.78 0.13 -2.08	31.44 0.18 -1.68	33.96 0.24 0.60	34.80 0.37 -0.75	36.29 0.35 -1.35	36.20 0.33 -2.43	34.85 0.61 -3.75	32.35 0.90 -7.05	37.61 0.91 -9.97	38.87 0.88 -9.73	34.30 0.86 -10.94	32.27 0.80 -10.97	30.54 0.81 -9.41	28.71 0.72 -4.84	28.10 0.44 -1.51	26.96 0.36 -0.54
WETHRSFD_WT_PWR 323626	26.07 -0.10 -0.19	25.55 -0.21 0.00	25.38 -0.54 -0.06	23.41 -0.56 -0.53	23.77 -0.57 -0.79	24.60 -0.43 0.00	25.28 -0.65 0.03	26.16 -0.52 -0.65	26.82 -0.58 -0.84	29.53 -0.68 -0.63	32.29 -0.82 1.21	32.92 -0.47 0.29	34.14 -0.66 -0.21	33.94 -0.67 -1.18	32.64 -0.06 -2.20	29.31 0.78 -4.14	33.20 0.62 -5.85	34.38 0.42 -5.70	29.71 0.79 -6.42	27.65 0.72 -6.44	26.71 0.87 -5.52	26.69 0.69 -2.84	27.08 0.05 -0.89	26.37 0.00 -0.31
WHAVSTOR_138KV_BK127 55557	27.97 1.01 -0.98	26.74 0.98 0.00	27.13 0.96 -0.30	26.95 0.82 -2.69	28.32 0.80 -3.97	25.97 0.95 0.00	29.37 1.09 -2.32	31.68 1.12 -4.52	33.88 1.22 -6.09	35.98 1.39 -5.01	35.82 1.65 0.15	38.39 1.52 -3.20	40.66 1.56 -4.52	41.82 1.60 -6.78	41.96 1.65 -9.81	44.30 1.44 -18.48	54.75 1.90 -26.12	55.76 2.01 -25.49	52.64 1.42 -28.72	50.42 1.13 -28.80	46.09 1.08 -24.70	36.99 1.13 -12.71	31.49 1.39 -3.97	28.72 1.25 -1.41
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	27.97 1.01 -0.98	26.74 0.98 0.00	27.13 0.96 -0.30	26.95 0.82 -2.69	28.32 0.80 -3.97	25.97 0.95 0.00	29.37 1.09 -2.32	31.68 1.12 -4.52	33.88 1.22 -6.09	35.98 1.39 -5.01	35.82 1.65 0.15	38.39 1.52 -3.20	40.66 1.56 -4.52	41.82 1.60 -6.78	41.96 1.65 -9.81	44.30 1.44 -18.48	54.75 1.90 -26.12	55.76 2.01 -25.49	52.64 1.42 -28.72	50.42 1.13 -28.80	46.09 1.08 -24.70	36.99 1.13 -12.71	31.49 1.39 -3.97	28.72 1.25 -1.41
WHITEHAL_115KV_TB1 80871	31.82 2.88 -2.96	28.49 2.73 0.00	29.52 2.74 -0.90	34.11 2.56 -8.11	38.13 2.61 -11.96	27.67 2.65 0.00	36.24 2.86 -7.43	49.33 2.89 -20.41	58.49 3.11 -28.82	59.10 3.49 -26.03	42.71 3.91 -4.48	57.09 4.08 -19.34	63.11 3.94 -24.58	70.01 3.84 -32.74	77.49 3.35 -43.63	111.90 2.88 -84.64	132.24 3.21 -102.30	108.52 3.19 -77.06	112.17 2.84 -86.83	110.37 2.81 -87.06	97.86 2.86 -74.68	64.84 3.26 -38.42	41.56 3.42 -11.99	33.68 3.36 -4.25
WHITEPLN_13_KV_LOAD 356215	28.50 1.51 -1.01	27.10 1.34 0.00	27.50 1.32 -0.31	27.37 1.15 -2.78	28.78 1.13 -4.10	26.32 1.30 0.00	29.94 1.58 -2.40	32.38 1.67 -4.68	34.70 1.83 -6.30	36.89 2.13 -5.18	36.79 2.61 0.14	39.48 2.49 -3.31	41.89 2.63 -4.67	43.15 2.71 -7.01	43.35 2.71 -10.14	45.78 2.29 -19.09	56.66 2.94 -26.99	57.68 3.08 -26.34	54.45 2.27 -29.68	52.10 1.84 -29.76	47.61 1.77 -25.52	38.14 1.85 -13.13	32.28 2.04 -4.10	29.42 1.90 -1.45
WM_FLOYD_69_KV_BK2 356380	36.96 2.34 -8.65	32.28 2.45 -4.07	28.58 2.41 -0.31	28.38 2.13 -2.81	29.76 2.10 -4.11	29.14 2.38 -1.75	30.80 2.44 -2.41	32.88 2.16 -4.69	35.19 2.31 -6.32	37.67 2.90 -5.19	42.03 3.50 -4.21	43.99 3.40 -6.91	44.71 3.46 -6.66	45.03 3.34 -8.26	46.85 3.20 -13.15	51.62 2.68 -24.55	59.36 3.39 -29.24	67.77 3.62 -35.89	71.49 2.72 -46.27	56.00 2.30 -33.21	52.43 2.17 -29.94	45.85 2.41 -20.29	44.44 2.98 -15.32	42.30 2.84 -13.40
WOODARD__115KV_TB2 355635	25.70 -0.36 -0.08	25.30 -0.46 0.00	25.40 -0.49 -0.03	23.20 -0.47 -0.23	23.44 -0.45 -0.34	24.65 -0.38 0.00	25.40 -0.44 0.11	25.95 -0.34 -0.26	26.52 -0.37 -0.32	29.42 -0.38 -0.22	33.20 -0.31 0.82	33.15 -0.20 0.33	34.31 -0.24 0.04	33.76 -0.20 -0.53	31.50 -0.09 -1.09	26.67 0.22 -2.06	29.77 0.13 -2.91	31.24 0.11 -2.86	25.88 0.18 -3.19	23.93 0.23 -3.20	23.29 0.22 -2.75	24.64 0.07 -1.41	26.35 -0.24 -0.44	25.93 -0.29 -0.16
YORK___WARBASSE 23770	28.54 1.53 -1.02	27.26 1.49 -0.01	27.60 1.42 -0.31	27.42 1.20 -2.79	28.81 1.15 -4.11	26.40 1.38 0.00	29.79 1.43 -2.41	32.21 1.48 -4.69	34.47 1.59 -6.31	36.57 1.80 -5.19	36.34 2.16 0.14	39.02 2.02 -3.32	41.41 2.14 -4.68	42.66 2.21 -7.03	42.95 2.29 -10.16	45.43 1.90 -19.13	56.46 2.67 -27.06	57.48 2.83 -26.39	54.18 1.94 -29.74	51.88 1.56 -29.82	47.32 1.42 -25.58	37.82 1.50 -13.16	32.21 1.96 -4.11	29.29 1.77 -1.46