

Day Ahead Market Generator LBMP

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

Generator Data

06/23/2023

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	21.13	19.48	18.86	18.70	18.42	20.31	23.55	25.77	27.13	29.07	31.92	32.65	33.66	36.66	36.16	39.97	45.01	51.21	49.86	44.00	41.95	34.78	31.51	30.07
24138	1.36	1.21	1.18	1.11	1.09	1.33	1.58	1.82	2.00	2.36	1.89	1.99	1.99	1.99	2.20	2.39	2.28	2.71	1.96	1.72	1.63	1.47	1.51	1.59
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.31	-1.01	-0.55	-4.87	-4.18	-4.79	-7.38	-5.73	-6.53	-16.55	-17.00	-23.42	-18.11	-16.06	-7.89	-6.01	-4.45
74TH STREET_GT_1	20.91	19.33	18.79	18.67	18.37	20.10	23.44	25.74	27.06	29.02	31.89	32.63	33.61	36.61	36.13	39.94	44.98	51.21	49.86	44.00	41.95	34.78	31.49	30.09
24260	1.15	1.06	1.11	1.07	1.04	1.12	1.47	1.80	1.93	2.30	1.86	1.96	1.94	1.94	2.17	2.36	2.25	2.71	1.96	1.72	1.63	1.47	1.49	1.61
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.31	-1.01	-0.55	-4.87	-4.18	-4.79	-7.38	-5.73	-6.53	-16.55	-17.00	-23.41	-18.11	-16.06	-7.89	-6.01	-4.45
74TH STREET_GT_2	20.91	19.33	18.79	18.67	18.37	20.10	23.44	25.74	27.06	29.02	31.89	32.63	33.61	36.61	36.13	39.94	44.98	51.21	49.86	44.00	41.95	34.78	31.49	30.09
24261	1.15	1.06	1.11	1.07	1.04	1.12	1.47	1.80	1.93	2.30	1.86	1.96	1.94	1.94	2.17	2.36	2.25	2.71	1.96	1.72	1.63	1.47	1.49	1.61
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.31	-1.01	-0.55	-4.87	-4.18	-4.79	-7.38	-5.73	-6.53	-16.55	-17.00	-23.41	-18.11	-16.06	-7.89	-6.01	-4.45
ADK HUDSON___FALLS	21.05	19.37	18.75	18.67	18.37	20.21	24.37	30.54	34.13	35.13	41.50	40.90	43.21	56.96	49.00	57.64	85.36	82.96	94.33	78.72	72.92	50.38	43.32	38.82
24011	1.28	1.10	1.08	1.07	1.04	1.23	1.52	1.73	1.83	2.07	1.71	1.85	1.94	2.05	1.86	2.08	1.86	2.14	1.91	2.01	2.06	2.08	1.90	1.87
	0.00	0.00	0.00	0.00	0.00	0.00	-0.89	-5.17	-8.18	-6.90	-14.63	-12.56	-14.39	-27.63	-18.91	-24.51	-57.32	-49.31	-67.93	-52.55	-46.60	-22.88	-17.43	-12.92
ADK RESOURCE___RCVRY	21.29	19.57	18.91	18.81	18.52	20.46	24.55	30.46	34.08	35.10	41.71	41.12	43.46	56.95	49.15	57.65	85.30	83.38	94.78	79.14	73.35	50.71	43.59	39.06
23798	1.52	1.30	1.24	1.21	1.19	1.48	1.74	1.87	2.05	2.30	1.89	2.04	2.15	2.26	2.06	2.30	2.07	2.39	2.13	2.25	2.33	2.34	2.11	2.07
	0.00	0.00	0.00	0.00	0.00	0.00	-0.84	-4.95	-7.92	-6.63	-14.66	-12.59	-14.43	-27.40	-18.86	-24.30	-57.05	-49.48	-68.16	-52.73	-46.76	-22.96	-17.49	-12.96
ADK S GLENS___FALLS	21.05	19.37	18.75	18.67	18.37	20.21	24.37	30.54	34.13	35.13	41.50	40.90	43.21	56.96	49.00	57.64	85.36	82.96	94.33	78.72	72.92	50.38	43.32	38.82
24028	1.28	1.10	1.08	1.07	1.04	1.23	1.52	1.73	1.83	2.07	1.71	1.85	1.94	2.05	1.86	2.08	1.86	2.14	1.91	2.01	2.06	2.08	1.90	1.87
	0.00	0.00	0.00	0.00	0.00	0.00	-0.89	-5.17	-8.18	-6.90	-14.63	-12.56	-14.39	-27.63	-18.91	-24.51	-57.32	-49.31	-67.93	-52.55	-46.60	-22.88	-17.43	-12.92
ADK_NYS___DAM	20.93	19.30	18.66	18.56	18.30	20.18	25.07	34.05	38.00	39.24	38.98	38.69	40.63	57.89	47.63	58.73	83.57	73.52	81.06	68.25	63.46	45.55	39.65	36.03
23527	1.17	1.02	0.99	0.97	0.97	1.20	1.41	1.51	1.54	1.68	1.71	1.80	1.83	1.83	1.92	2.08	1.70	2.08	1.54	1.52	1.46	1.60	1.54	1.54
	0.00	0.00	0.00	0.00	0.00	0.00	-1.70	-8.90	-12.34	-11.40	-12.11	-10.40	-11.92	-28.77	-17.48	-25.60	-55.68	-39.94	-55.02	-42.56	-37.75	-18.53	-14.12	-10.46
AIR_PRODUCTS___DRP	20.14	18.60	18.08	18.02	17.71	19.38	21.46	20.00	20.79	21.84	35.49	35.49	37.00	36.14	38.29	39.00	50.45	66.19	71.66	60.75	56.78	41.73	36.59	33.66
24190	0.38	0.33	0.41	0.42	0.38	0.40	0.53	0.73	0.70	0.73	0.81	0.82	0.75	0.76	0.82	0.90	0.76	0.95	0.69	0.63	0.63	0.66	0.67	0.79
	0.00	0.00	0.00	0.00	0.00	0.00	1.04	4.38	4.02	5.06	-9.52	-8.18	-9.37	-8.08	-9.24	-7.05	-23.51	-33.74	-46.48	-35.95	-31.88	-15.65	-11.92	-8.84
AKWESSNE_115KV_BK	19.29	17.91	17.37	17.29	17.02	18.54	21.51	23.33	23.80	25.72	24.73	26.06	26.48	26.88	27.78	30.55	25.55	30.72	23.83	23.71	23.73	24.93	23.54	23.50
355683	-0.47	-0.37	-0.30	-0.30	-0.31	-0.44	-0.46	-0.31	-0.31	-0.44	-0.43	-0.42	-0.40	-0.41	-0.45	-0.50	-0.63	-0.79	-0.66	-0.46	-0.53	-0.48	-0.46	-0.53
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ALBANY___1	20.14	18.60	18.08	18.02	17.71	19.38	21.46	20.00	20.79	21.84	35.49	35.49	37.00	36.14	38.29	39.00	50.45	66.19	71.66	60.75	56.78	41.73	36.59	33.66
23571	0.38	0.33	0.41	0.42	0.38	0.40	0.53	0.73	0.70	0.73	0.81	0.82	0.75	0.76	0.82	0.90	0.76	0.95	0.69	0.63	0.63	0.66	0.67	0.79
	0.00	0.00	0.00	0.00	0.00	0.00	1.04	4.38	4.02	5.06	-9.52	-8.18	-9.37	-8.08	-9.24	-7.05	-23.51	-33.74	-46.48	-35.95	-31.88	-15.65	-11.92	-8.84
ALBANY___2	20.14	18.60	18.08	18.02	17.71	19.38	21.46	20.00	20.79	21.84	35.49	35.49	37.00	36.14	38.29	39.00	50.45	66.19	71.66	60.75	56.78	41.73	36.59	33.66
23572	0.38	0.33	0.41	0.42	0.38	0.40	0.53	0.73	0.70	0.73	0.81	0.82	0.75	0.76	0.82	0.90	0.76	0.95	0.69	0.63	0.63	0.66	0.67	0.79
	0.00	0.00	0.00	0.00	0.00	0.00	1.04	4.38	4.02	5.06	-9.52	-8.18	-9.37	-8.08	-9.24	-7.05	-23.51	-33.74	-46.48	-35.95	-31.88	-15.65	-11.92	-8.84
ALBANY___3	20.14	18.60	18.08	18.02	17.71	19.38	21.46	20.00	20.79	21.84	35.49	35.49	37.00	36.14	38.29	39.00	50.45	66.19	71.66	60.75	56.78	41.73	36.59	33.66
23573	0.38	0.33	0.41	0.42	0.38	0.40	0.53	0.73	0.70	0.73	0.81	0.82	0.75	0.76	0.82	0.90	0.76	0.95	0.69	0.63	0.63	0.66	0.67	0.79
	0.00	0.00	0.00	0.00	0.00	0.00	1.04	4.38	4.02	5.06	-9.52	-8.18	-9.37	-8.08	-9.24	-7.05	-23.51	-33.74	-46.48	-35.95	-31.88	-15.65	-11.92	-8.84

ALBANY___4 23574	20.14 0.38 0.00	18.60 0.33 0.00	18.08 0.41 0.00	18.02 0.42 0.00	17.71 0.38 0.00	19.38 0.40 0.00	21.46 0.53 1.04	20.00 0.73 4.38	20.79 0.70 4.02	21.84 0.73 5.06	35.49 0.81 -9.52	35.49 0.82 -8.18	37.00 0.75 -9.37	36.14 0.76 -8.08	38.29 0.82 -9.24	39.00 0.90 -7.05	50.45 0.76 -23.51	66.19 0.95 -33.74	71.66 0.69 -46.48	60.75 0.63 -35.95	56.78 0.63 -31.88	41.73 0.66 -15.65	36.59 0.67 -11.92	33.66 0.79 -8.84
ALBANY___LFGE 323615	20.46 0.69 0.00	18.86 0.58 0.00	18.29 0.62 0.00	18.21 0.62 0.00	17.93 0.61 0.00	19.66 0.68 0.00	21.76 0.77 0.98	20.56 0.92 4.00	21.70 0.97 3.39	22.67 1.05 4.55	37.15 1.08 -10.90	36.97 1.11 -9.37	38.68 1.08 -10.72	38.93 1.09 -10.55	40.39 1.19 -10.98	41.56 1.27 -9.24	55.97 1.07 -28.72	71.22 1.32 -38.39	78.36 0.98 -52.89	66.00 0.92 -40.91	61.46 0.92 -36.28	44.19 0.97 -17.81	38.50 0.93 -13.57	35.12 1.03 -10.06
ALCOA_PA_115KV_PL-6C 55860	19.41 -0.36 0.00	18.02 -0.26 0.00	17.46 -0.21 0.00	17.40 -0.19 0.00	17.08 -0.24 0.00	18.66 -0.32 0.00	21.62 -0.35 0.00	23.43 -0.21 0.00	23.90 -0.22 0.00	25.80 -0.37 0.00	24.83 -0.33 0.00	26.17 -0.32 0.00	26.59 -0.30 0.00	26.99 -0.30 0.00	27.89 -0.34 0.00	30.71 -0.34 0.00	25.58 -0.60 0.00	30.75 -0.76 0.00	23.85 -0.64 0.00	23.78 -0.39 0.00	23.78 -0.49 0.00	25.04 -0.38 0.00	23.66 -0.34 0.00	23.60 -0.43 0.00
ALCOA_RYNLDS___DRP 24188	19.41 -0.36 0.00	18.02 -0.26 0.00	17.46 -0.21 0.00	17.40 -0.19 0.00	17.08 -0.24 0.00	18.66 -0.32 0.00	21.62 -0.35 0.00	23.43 -0.21 0.00	23.90 -0.22 0.00	25.80 -0.37 0.00	24.83 -0.33 0.00	26.17 -0.32 0.00	26.59 -0.30 0.00	26.99 -0.30 0.00	27.89 -0.34 0.00	30.71 -0.34 0.00	25.58 -0.60 0.00	30.75 -0.76 0.00	23.85 -0.64 0.00	23.78 -0.39 0.00	23.78 -0.49 0.00	25.04 -0.38 0.00	23.66 -0.34 0.00	23.60 -0.43 0.00
ALCOA___DSASP 323711	19.41 -0.36 0.00	18.02 -0.26 0.00	17.46 -0.21 0.00	17.40 -0.19 0.00	17.10 -0.23 0.00	18.66 -0.32 0.00	21.59 -0.37 0.00	23.48 -0.16 0.00	23.90 -0.22 0.00	25.80 -0.37 0.00	24.83 -0.33 0.00	26.17 -0.32 0.00	26.59 -0.30 0.00	26.99 -0.30 0.00	27.89 -0.34 0.00	30.71 -0.34 0.00	25.58 -0.60 0.00	30.78 -0.72 0.00	23.88 -0.61 0.00	23.78 -0.39 0.00	23.80 -0.46 0.00	25.04 -0.38 0.00	23.66 -0.34 0.00	23.60 -0.43 0.00
ALLEGHENY___COGEN 23514	21.11 1.34 0.00	19.22 0.95 0.00	18.47 0.80 0.00	18.42 0.83 0.00	18.14 0.81 0.00	20.08 1.10 0.00	23.13 1.16 0.00	23.96 0.26 -0.05	24.35 0.05 -0.18	26.29 0.03 -0.10	26.10 0.08 -0.86	27.20 -0.03 -0.74	27.65 -0.08 -0.85	28.68 0.08 -1.31	29.36 0.11 -1.01	32.30 0.09 -1.16	29.53 0.42 -2.93	35.33 0.82 -3.00	29.70 1.08 -4.14	28.70 1.33 -3.20	28.56 1.46 -2.84	28.36 1.55 -1.39	26.42 1.37 -1.06	26.26 1.44 -0.79
ALTAMONT_115KV_TB 2 55880	20.42 0.65 0.00	18.84 0.57 0.00	18.25 0.58 0.00	18.19 0.60 0.00	17.88 0.55 0.00	19.62 0.65 0.00	22.26 0.79 0.49	22.76 0.95 1.82	24.01 0.94 1.05	25.30 1.07 1.94	34.88 1.03 -8.69	35.01 1.06 -7.46	36.48 1.05 -8.55	38.48 1.04 -10.15	38.65 1.13 -9.29	41.19 1.21 -8.93	52.55 1.05 -25.32	63.25 1.29 -30.45	67.39 0.96 -41.95	57.51 0.89 -32.45	53.96 0.92 -28.78	40.49 0.94 -14.13	35.67 0.91 -10.76	32.99 0.99 -7.98
ALTONA_WT_PWR 323606	19.65 -0.12 0.00	18.31 0.04 0.00	17.81 0.14 0.00	17.79 0.19 0.00	17.52 0.19 0.00	19.19 0.21 0.00	22.32 0.35 0.00	24.35 0.71 0.00	24.72 0.60 0.00	26.64 0.47 0.00	25.64 0.48 0.00	27.04 0.56 0.00	27.47 0.59 0.00	27.92 0.63 0.00	28.74 0.51 0.00	31.70 0.65 0.00	25.92 -0.26 0.00	31.19 -0.32 0.00	24.27 -0.22 0.00	24.27 0.10 0.00	24.19 -0.07 0.00	25.75 0.33 0.00	24.26 0.26 0.00	24.18 0.15 0.00
AMERICAN_REF_FUEL 24010	19.96 0.20 0.00	18.02 -0.26 0.00	17.42 -0.25 0.00	17.38 -0.21 0.00	16.98 -0.35 0.00	18.92 -0.06 0.00	21.88 -0.09 0.00	22.58 -1.11 -0.05	23.27 -1.01 -0.16	25.20 -1.05 -0.09	24.99 -0.93 -0.76	26.11 -1.03 -0.66	26.61 -1.02 -0.75	27.55 -0.90 -1.16	28.05 -1.07 -0.90	30.93 -1.15 -1.02	28.13 -0.65 -2.60	33.32 -0.85 -2.66	27.72 -0.44 -3.67	26.45 -0.55 -2.84	26.22 -0.56 -2.52	25.97 -0.69 -1.24	24.33 -0.60 -0.94	24.42 -0.31 -0.70
ARKWRIGHT___SUMMIT_WT_PWR 323751	20.73 0.97 0.00	18.78 0.51 0.00	18.08 0.41 0.00	18.01 0.42 0.00	17.71 0.38 0.00	19.70 0.72 0.00	22.87 0.90 0.00	23.88 0.19 -0.06	24.73 0.43 -0.18	26.87 0.60 -0.10	26.64 0.60 -0.87	27.82 0.58 -0.75	28.31 0.57 -0.86	29.41 0.79 -1.33	29.88 0.62 -1.03	32.94 0.71 -1.17	30.07 0.92 -2.97	35.56 1.01 -3.05	29.67 0.98 -4.20	28.21 0.80 -3.25	28.01 0.87 -2.88	27.64 0.81 -1.41	25.74 0.67 -1.08	25.74 0.91 -0.80
ARTHUR_KILL_GT_1 23520	21.21 1.44 0.00	19.52 1.24 0.00	18.89 1.22 0.00	18.72 1.13 0.00	18.44 1.11 0.00	20.18 1.20 0.00	23.33 1.36 0.00	25.48 1.54 -0.31	26.79 1.66 -1.01	28.78 2.07 -0.55	31.61 1.59 -4.86	32.38 1.72 -4.17	33.41 1.75 -4.78	36.44 1.77 -7.38	36.01 2.06 -5.72	39.87 2.30 -6.52	44.95 2.22 -16.54	51.08 2.58 -16.99	49.76 1.86 -23.41	43.84 1.57 -18.10	41.77 1.46 -16.05	34.54 1.25 -7.88	31.37 1.37 -6.01	30.20 1.71 -4.46
ARTHUR_KILL_2 23512	21.15 1.38 0.00	19.46 1.19 0.00	18.84 1.17 0.00	18.67 1.07 0.00	18.38 1.06 0.00	20.12 1.14 0.00	23.29 1.32 0.00	25.41 1.47 -0.31	26.72 1.59 -1.01	28.70 1.99 -0.55	31.53 1.51 -4.86	32.30 1.64 -4.17	33.33 1.67 -4.78	36.36 1.69 -7.38	35.93 1.98 -5.72	39.74 2.17 -6.52	44.84 2.12 -16.54	50.98 2.49 -16.99	49.66 1.76 -23.41	43.75 1.47 -18.10	41.67 1.36 -16.05	34.47 1.17 -7.88	31.29 1.29 -6.01	30.13 1.63 -4.46
ARTHUR_KILL_3 23513	20.91 1.15 0.00	19.26 0.99 0.00	18.64 0.97 0.00	18.49 0.90 0.00	18.21 0.88 0.00	20.06 1.08 0.00	23.29 1.32 0.00	25.46 1.51 -0.31	26.82 1.69 -1.01	28.73 2.01 -0.55	31.56 1.53 -4.87	32.28 1.62 -4.18	33.23 1.56 -4.79	36.25 1.58 -7.38	35.74 1.78 -5.73	39.50 1.93 -6.53	44.62 1.89 -16.55	50.77 2.27 -17.00	49.50 1.59 -23.42	43.66 1.38 -18.11	41.61 1.28 -16.06	34.45 1.14 -7.89	31.20 1.20 -6.01	29.78 1.30 -4.45
ARTHUR_KILL_COGEN 323718	21.21 1.44 0.00	19.52 1.24 0.00	18.89 1.22 0.00	18.72 1.13 0.00	18.44 1.11 0.00	20.18 1.20 0.00	23.33 1.36 0.00	25.48 1.54 -0.31	26.79 1.66 -1.01	28.78 2.07 -0.55	31.61 1.59 -4.86	32.38 1.72 -4.17	33.41 1.75 -4.78	36.44 1.77 -7.38	36.01 2.06 -5.72	39.87 2.30 -6.52	44.95 2.22 -16.54	51.08 2.58 -16.99	49.76 1.86 -23.41	43.84 1.57 -18.10	41.77 1.46 -16.05	34.54 1.25 -7.88	31.37 1.37 -6.01	30.20 1.71 -4.46
ASHOKAN____ 23654	20.77 1.01 0.00	19.02 0.75 0.00	18.43 0.76 0.00	18.31 0.72 0.00	18.00 0.68 0.00	19.76 0.78 0.00	22.98 1.47 0.46	23.50 1.61 1.75	24.81 1.88 1.19	26.30 2.04 1.91	32.84 0.78 -6.90	33.10 0.69 -5.93	34.32 0.64 -6.79	35.60 0.63 -7.68	36.17 0.68 -7.26	38.64 0.84 -6.75	46.44 0.68 -19.58	56.61 0.79 -24.32	58.63 0.64 -33.51	50.71 0.63 -25.92	47.85 0.61 -22.98	37.31 0.61 -11.28	33.14 0.55 -8.60	30.98 0.58 -6.37

ASTORIA_EAST_ENERGY_CC1 323581	21.20 1.42 -0.01	19.54 1.26 -0.01	18.92 1.24 -0.01	18.76 1.16 -0.01	18.48 1.14 -0.01	20.27 1.29 0.00	23.31 1.34 0.00	25.43 1.49 -0.30	26.76 1.64 -1.01	28.69 1.99 -0.54	31.55 1.53 -4.86	32.30 1.64 -4.17	33.30 1.64 -4.78	36.27 1.61 -7.38	35.81 1.86 -5.72	39.59 2.02 -6.52	44.74 2.02 -16.54	50.89 2.39 -16.99	49.56 1.67 -23.41	43.72 1.45 -18.10	41.65 1.33 -16.05	34.39 1.09 -7.88	31.37 1.37 -6.01	30.14 1.66 -4.45
ASTORIA_EAST_ENERGY_CC2 323582	21.20 1.42 -0.01	19.54 1.26 -0.01	18.92 1.24 -0.01	18.76 1.16 -0.01	18.48 1.14 -0.01	20.27 1.29 0.00	23.31 1.34 0.00	25.43 1.49 -0.30	26.76 1.64 -1.01	28.69 1.99 -0.54	31.55 1.53 -4.86	32.30 1.64 -4.17	33.30 1.64 -4.78	36.27 1.61 -7.38	35.81 1.86 -5.72	39.59 2.02 -6.52	44.74 2.02 -16.54	50.89 2.39 -16.99	49.56 1.67 -23.41	43.72 1.45 -18.10	41.65 1.33 -16.05	34.39 1.09 -7.88	31.37 1.37 -6.01	30.14 1.66 -4.45
ASTORIA_GT2_1 24094	20.98 1.21 -0.01	19.40 1.11 -0.01	18.85 1.17 -0.01	18.73 1.13 -0.01	18.43 1.09 -0.01	20.08 1.10 0.00	23.24 1.27 0.00	25.48 1.54 -0.31	26.80 1.66 -1.01	28.73 2.01 -0.55	31.59 1.56 -4.87	32.31 1.64 -4.18	33.31 1.64 -4.79	36.31 1.64 -7.38	35.82 1.86 -5.73	39.63 2.05 -6.53	44.75 2.02 -16.55	50.93 2.43 -17.00	49.59 1.69 -23.41	43.73 1.45 -18.11	41.68 1.36 -16.06	34.42 1.12 -7.89	31.34 1.34 -6.01	30.14 1.66 -4.45
ASTORIA_GT2_2 24095	20.98 1.21 -0.01	19.40 1.11 -0.01	18.85 1.17 -0.01	18.73 1.13 -0.01	18.43 1.09 -0.01	20.08 1.10 0.00	23.24 1.27 0.00	25.48 1.54 -0.31	26.80 1.66 -1.01	28.73 2.01 -0.55	31.59 1.56 -4.87	32.31 1.64 -4.18	33.31 1.64 -4.79	36.31 1.64 -7.38	35.82 1.86 -5.73	39.63 2.05 -6.53	44.75 2.02 -16.55	50.93 2.43 -17.00	49.59 1.69 -23.41	43.73 1.45 -18.11	41.68 1.36 -16.06	34.42 1.12 -7.89	31.34 1.34 -6.01	30.14 1.66 -4.45
ASTORIA_GT2_3 24096	20.98 1.21 -0.01	19.40 1.11 -0.01	18.85 1.17 -0.01	18.73 1.13 -0.01	18.43 1.09 -0.01	20.08 1.10 0.00	23.24 1.27 0.00	25.48 1.54 -0.31	26.80 1.66 -1.01	28.73 2.01 -0.55	31.59 1.56 -4.87	32.31 1.64 -4.18	33.31 1.64 -4.79	36.31 1.64 -7.38	35.82 1.86 -5.73	39.63 2.05 -6.53	44.75 2.02 -16.55	50.93 2.43 -17.00	49.59 1.69 -23.41	43.73 1.45 -18.11	41.68 1.36 -16.06	34.42 1.12 -7.89	31.34 1.34 -6.01	30.14 1.66 -4.45
ASTORIA_GT2_4 24097	20.98 1.21 -0.01	19.40 1.11 -0.01	18.85 1.17 -0.01	18.73 1.13 -0.01	18.43 1.09 -0.01	20.08 1.10 0.00	23.24 1.27 0.00	25.48 1.54 -0.31	26.80 1.66 -1.01	28.73 2.01 -0.55	31.59 1.56 -4.87	32.31 1.64 -4.18	33.31 1.64 -4.79	36.31 1.64 -7.38	35.82 1.86 -5.73	39.63 2.05 -6.53	44.75 2.02 -16.55	50.93 2.43 -17.00	49.59 1.69 -23.41	43.73 1.45 -18.11	41.68 1.36 -16.06	34.42 1.12 -7.89	31.34 1.34 -6.01	30.14 1.66 -4.45
ASTORIA_GT3_1 24098	20.98 1.21 -0.01	19.40 1.11 -0.01	18.85 1.17 -0.01	18.73 1.13 -0.01	18.43 1.09 -0.01	20.08 1.10 0.00	23.24 1.27 0.00	25.48 1.54 -0.31	26.80 1.66 -1.01	28.73 2.01 -0.55	31.59 1.56 -4.87	32.31 1.64 -4.18	33.31 1.64 -4.79	36.31 1.64 -7.38	35.82 1.86 -5.73	39.63 2.05 -6.53	44.75 2.02 -16.55	50.93 2.43 -17.00	49.59 1.69 -23.41	43.73 1.45 -18.11	41.68 1.36 -16.06	34.42 1.12 -7.89	31.34 1.34 -6.01	30.14 1.66 -4.45
ASTORIA_GT3_2 24099	20.98 1.21 -0.01	19.40 1.11 -0.01	18.85 1.17 -0.01	18.73 1.13 -0.01	18.43 1.09 -0.01	20.08 1.10 0.00	23.24 1.27 0.00	25.48 1.54 -0.31	26.80 1.66 -1.01	28.73 2.01 -0.55	31.59 1.56 -4.87	32.31 1.64 -4.18	33.31 1.64 -4.79	36.31 1.64 -7.38	35.82 1.86 -5.73	39.63 2.05 -6.53	44.75 2.02 -16.55	50.93 2.43 -17.00	49.59 1.69 -23.41	43.73 1.45 -18.11	41.68 1.36 -16.06	34.42 1.12 -7.89	31.34 1.34 -6.01	30.14 1.66 -4.45
ASTORIA_GT3_3 24100	20.98 1.21 -0.01	19.40 1.11 -0.01	18.85 1.17 -0.01	18.73 1.13 -0.01	18.43 1.09 -0.01	20.08 1.10 0.00	23.24 1.27 0.00	25.48 1.54 -0.31	26.80 1.66 -1.01	28.73 2.01 -0.55	31.59 1.56 -4.87	32.31 1.64 -4.18	33.31 1.64 -4.79	36.31 1.64 -7.38	35.82 1.86 -5.73	39.63 2.05 -6.53	44.75 2.02 -16.55	50.93 2.43 -17.00	49.59 1.69 -23.41	43.73 1.45 -18.11	41.68 1.36 -16.06	34.42 1.12 -7.89	31.34 1.34 -6.01	30.14 1.66 -4.45
ASTORIA_GT3_4 24101	20.98 1.21 -0.01	19.40 1.11 -0.01	18.85 1.17 -0.01	18.73 1.13 -0.01	18.43 1.09 -0.01	20.08 1.10 0.00	23.24 1.27 0.00	25.48 1.54 -0.31	26.80 1.66 -1.01	28.73 2.01 -0.55	31.59 1.56 -4.87	32.31 1.64 -4.18	33.31 1.64 -4.79	36.31 1.64 -7.38	35.82 1.86 -5.73	39.63 2.05 -6.53	44.75 2.02 -16.55	50.93 2.43 -17.00	49.59 1.69 -23.41	43.73 1.45 -18.11	41.68 1.36 -16.06	34.42 1.12 -7.89	31.34 1.34 -6.01	30.14 1.66 -4.45
ASTORIA_GT4_1 24102	20.98 1.21 -0.01	19.40 1.11 -0.01	18.85 1.17 -0.01	18.73 1.13 -0.01	18.43 1.09 -0.01	20.08 1.10 0.00	23.24 1.27 0.00	25.48 1.54 -0.31	26.80 1.66 -1.01	28.73 2.01 -0.55	31.59 1.56 -4.87	32.31 1.64 -4.18	33.31 1.64 -4.79	36.31 1.64 -7.38	35.82 1.86 -5.73	39.63 2.05 -6.53	44.75 2.02 -16.55	50.93 2.43 -17.00	49.59 1.69 -23.41	43.73 1.45 -18.11	41.68 1.36 -16.06	34.42 1.12 -7.89	31.34 1.34 -6.01	30.14 1.66 -4.45
ASTORIA_GT4_2 24103	20.98 1.21 -0.01	19.40 1.11 -0.01	18.85 1.17 -0.01	18.73 1.13 -0.01	18.43 1.09 -0.01	20.08 1.10 0.00	23.24 1.27 0.00	25.48 1.54 -0.31	26.80 1.66 -1.01	28.73 2.01 -0.55	31.59 1.56 -4.87	32.31 1.64 -4.18	33.31 1.64 -4.79	36.31 1.64 -7.38	35.82 1.86 -5.73	39.63 2.05 -6.53	44.75 2.02 -16.55	50.93 2.43 -17.00	49.59 1.69 -23.41	43.73 1.45 -18.11	41.68 1.36 -16.06	34.42 1.12 -7.89	31.34 1.34 -6.01	30.14 1.66 -4.45
ASTORIA_GT4_3 24104	20.98 1.21 -0.01	19.40 1.11 -0.01	18.85 1.17 -0.01	18.73 1.13 -0.01	18.43 1.09 -0.01	20.08 1.10 0.00	23.24 1.27 0.00	25.48 1.54 -0.31	26.80 1.66 -1.01	28.73 2.01 -0.55	31.59 1.56 -4.87	32.31 1.64 -4.18	33.31 1.64 -4.79	36.31 1.64 -7.38	35.82 1.86 -5.73	39.63 2.05 -6.53	44.75 2.02 -16.55	50.93 2.43 -17.00	49.59 1.69 -23.41	43.73 1.45 -18.11	41.68 1.36 -16.06	34.42 1.12 -7.89	31.34 1.34 -6.01	30.14 1.66 -4.45
ASTORIA_GT4_4 24105	20.98 1.21 -0.01	19.40 1.11 -0.01	18.85 1.17 -0.01	18.73 1.13 -0.01	18.43 1.09 -0.01	20.08 1.10 0.00	23.24 1.27 0.00	25.48 1.54 -0.31	26.80 1.66 -1.01	28.73 2.01 -0.55	31.59 1.56 -4.87	32.31 1.64 -4.18	33.31 1.64 -4.79	36.31 1.64 -7.38	35.82 1.86 -5.73	39.63 2.05 -6.53	44.75 2.02 -16.55	50.93 2.43 -17.00	49.59 1.69 -23.41	43.73 1.45 -18.11	41.68 1.36 -16.06	34.42 1.12 -7.89	31.34 1.34 -6.01	30.14 1.66 -4.45
ASTORIA_GT_1 23523	21.24 1.46 -0.01	19.58 1.30 -0.01	18.95 1.27 -0.01	18.80 1.20 -0.01	18.51 1.18 -0.01	20.31 1.33 0.00	23.35 1.38 0.00	25.47 1.54 -0.30	26.81 1.69 -1.01	28.75 2.04 -0.54	31.63 1.61 -4.86	32.36 1.70 -4.17	33.36 1.69 -4.78	36.36 1.69 -7.38	35.90 1.95 -5.72	39.68 2.11 -6.52	44.82 2.10 -16.54	50.98 2.49 -16.99	49.64 1.74 -23.41	43.77 1.50 -18.10	41.72 1.41 -16.05	34.47 1.17 -7.88	31.41 1.42 -6.01	30.19 1.71 -4.45

ASTORIA_GT_10 24110	20.87 1.11 0.00	19.30 1.02 0.00	18.77 1.10 0.00	18.65 1.06 0.00	18.33 1.00 0.00	20.02 1.04 0.00	23.31 1.34 0.00	25.58 1.63 -0.31	26.92 1.78 -1.01	28.83 2.12 -0.55	31.71 1.69 -4.87	32.44 1.77 -4.18	33.45 1.77 -4.79	36.45 1.77 -7.38	35.96 2.00 -5.73	39.78 2.20 -6.53	44.85 2.12 -16.55	51.05 2.55 -17.00	49.72 1.81 -23.41	43.83 1.55 -18.11	41.78 1.46 -16.06	34.57 1.27 -7.89	31.37 1.37 -6.01	30.05 1.56 -4.45
ASTORIA_GT_11 24225	20.87 1.11 0.00	19.30 1.02 0.00	18.77 1.10 0.00	18.65 1.06 0.00	18.33 1.00 0.00	20.02 1.04 0.00	23.31 1.34 0.00	25.58 1.63 -0.31	26.92 1.78 -1.01	28.83 2.12 -0.55	31.71 1.69 -4.87	32.44 1.77 -4.18	33.45 1.77 -4.79	36.45 1.77 -7.38	35.96 2.00 -5.73	39.78 2.20 -6.53	44.85 2.12 -16.55	51.05 2.55 -17.00	49.72 1.81 -23.41	43.83 1.55 -18.11	41.78 1.46 -16.06	34.57 1.27 -7.89	31.37 1.37 -6.01	30.05 1.56 -4.45
ASTORIA_GT_12 24226	21.11 1.34 0.00	19.46 1.19 0.00	18.84 1.17 0.00	18.68 1.09 0.00	18.40 1.07 0.00	20.21 1.23 0.00	23.40 1.43 0.00	25.56 1.61 -0.31	26.89 1.76 -1.01	28.83 2.12 -0.55	31.71 1.69 -4.87	32.44 1.77 -4.18	33.45 1.77 -4.79	36.44 1.77 -7.38	35.96 2.00 -5.73	39.78 2.20 -6.53	44.88 2.15 -16.55	51.02 2.52 -17.00	49.72 1.81 -23.42	43.83 1.55 -18.11	41.78 1.46 -16.06	34.57 1.27 -7.89	31.39 1.39 -6.01	30.07 1.59 -4.45
ASTORIA_GT_13 24227	21.11 1.34 0.00	19.46 1.19 0.00	18.84 1.17 0.00	18.68 1.09 0.00	18.40 1.07 0.00	20.21 1.23 0.00	23.40 1.43 0.00	25.56 1.61 -0.31	26.89 1.76 -1.01	28.83 2.12 -0.55	31.71 1.69 -4.87	32.44 1.77 -4.18	33.45 1.77 -4.79	36.44 1.77 -7.38	35.96 2.00 -5.73	39.78 2.20 -6.53	44.88 2.15 -16.55	51.02 2.52 -17.00	49.72 1.81 -23.42	43.83 1.55 -18.11	41.78 1.46 -16.06	34.57 1.27 -7.89	31.39 1.39 -6.01	30.07 1.59 -4.45
ASTORIA_GT_5 24106	21.24 1.46 -0.01	19.58 1.30 -0.01	18.95 1.27 -0.01	18.80 1.20 -0.01	18.51 1.18 -0.01	20.31 1.33 0.00	23.35 1.38 0.00	25.47 1.54 -0.30	26.81 1.69 -1.01	28.75 2.04 -0.54	31.63 1.61 -4.86	32.36 1.70 -4.17	33.36 1.69 -4.78	36.36 1.69 -7.38	35.90 1.95 -5.72	39.68 2.11 -6.52	44.82 2.10 -16.54	50.98 2.49 -16.99	49.64 1.74 -23.41	43.77 1.50 -18.10	41.72 1.41 -16.05	34.47 1.17 -7.88	31.41 1.42 -6.01	30.19 1.71 -4.45
ASTORIA_GT_7 24107	21.24 1.46 -0.01	19.58 1.30 -0.01	18.95 1.27 -0.01	18.80 1.20 -0.01	18.51 1.18 -0.01	20.31 1.33 0.00	23.35 1.38 0.00	25.47 1.54 -0.30	26.81 1.69 -1.01	28.75 2.04 -0.54	31.63 1.61 -4.86	32.36 1.70 -4.17	33.36 1.69 -4.78	36.36 1.69 -7.38	35.90 1.95 -5.72	39.68 2.11 -6.52	44.82 2.10 -16.54	50.98 2.49 -16.99	49.64 1.74 -23.41	43.77 1.50 -18.10	41.72 1.41 -16.05	34.47 1.17 -7.88	31.41 1.42 -6.01	30.19 1.71 -4.45
ASTORIA_GT_8 24108	21.00 1.23 -0.01	19.43 1.15 -0.01	18.88 1.20 -0.01	18.76 1.16 -0.01	18.44 1.11 -0.01	20.10 1.12 0.00	23.26 1.30 0.00	25.53 1.58 -0.31	26.84 1.71 -1.01	28.76 2.04 -0.55	31.64 1.61 -4.87	32.36 1.70 -4.18	33.37 1.69 -4.79	36.36 1.69 -7.38	35.91 1.95 -5.73	39.69 2.11 -6.53	44.80 2.07 -16.55	50.99 2.49 -17.00	49.64 1.74 -23.41	43.80 1.52 -18.11	41.73 1.41 -16.06	34.47 1.17 -7.89	31.39 1.39 -6.01	30.19 1.71 -4.45
ASTORIA___2 24149	21.20 1.42 -0.01	19.56 1.28 -0.01	18.93 1.25 -0.01	18.76 1.16 -0.01	18.48 1.14 -0.01	20.27 1.29 0.00	23.33 1.36 0.00	25.45 1.51 -0.30	26.76 1.64 -1.01	28.72 2.01 -0.54	31.58 1.56 -4.86	32.30 1.64 -4.17	33.30 1.64 -4.78	36.30 1.64 -7.38	35.81 1.86 -5.72	39.62 2.05 -6.52	44.77 2.04 -16.54	50.92 2.43 -16.99	49.59 1.69 -23.41	43.72 1.45 -18.10	41.67 1.36 -16.05	34.41 1.12 -7.88	31.37 1.37 -6.01	30.14 1.66 -4.45
ASTORIA___3 23516	21.11 1.34 0.00	19.46 1.19 0.00	18.84 1.17 0.00	18.68 1.09 0.00	18.40 1.07 0.00	20.21 1.23 0.00	23.40 1.43 0.00	25.56 1.61 -0.31	26.89 1.76 -1.01	28.83 2.12 -0.55	31.71 1.69 -4.87	32.44 1.77 -4.18	33.45 1.77 -4.79	36.44 1.77 -7.38	35.96 2.00 -5.73	39.78 2.20 -6.53	44.88 2.15 -16.55	51.02 2.52 -17.00	49.72 1.81 -23.42	43.83 1.55 -18.11	41.78 1.46 -16.06	34.57 1.27 -7.89	31.39 1.39 -6.01	30.07 1.59 -4.45
ASTORIA___4 23517	20.87 1.11 0.00	19.30 1.02 0.00	18.77 1.10 0.00	18.65 1.06 0.00	18.33 1.00 0.00	20.02 1.04 0.00	23.31 1.34 0.00	25.58 1.63 -0.31	26.92 1.78 -1.01	28.83 2.12 -0.55	31.71 1.69 -4.87	32.44 1.77 -4.18	33.45 1.77 -4.79	36.45 1.77 -7.38	35.96 2.00 -5.73	39.78 2.20 -6.53	44.85 2.12 -16.55	51.05 2.55 -17.00	49.72 1.81 -23.41	43.83 1.55 -18.11	41.78 1.46 -16.06	34.57 1.27 -7.89	31.37 1.37 -6.01	30.05 1.56 -4.45
ASTORIA___5 23518	21.11 1.34 0.00	19.46 1.19 0.00	18.84 1.17 0.00	18.68 1.09 0.00	18.40 1.07 0.00	20.21 1.23 0.00	23.40 1.43 0.00	25.56 1.61 -0.31	26.89 1.76 -1.01	28.83 2.12 -0.55	31.71 1.69 -4.87	32.44 1.77 -4.18	33.45 1.77 -4.79	36.44 1.77 -7.38	35.96 2.00 -5.73	39.78 2.20 -6.53	44.88 2.15 -16.55	51.02 2.52 -17.00	49.72 1.81 -23.42	43.83 1.55 -18.11	41.78 1.46 -16.06	34.57 1.27 -7.89	31.39 1.39 -6.01	30.07 1.59 -4.45
AST_ENERGY_2_CC3 323677	20.99 1.23 0.00	19.37 1.10 0.00	18.75 1.08 0.00	18.60 1.00 0.00	18.31 0.99 0.00	20.16 1.18 0.00	23.38 1.41 0.00	25.56 1.61 -0.31	26.89 1.76 -1.01	28.81 2.09 -0.55	31.66 1.63 -4.87	32.39 1.72 -4.18	33.37 1.69 -4.79	36.36 1.69 -7.38	35.85 1.89 -5.73	39.63 2.05 -6.53	44.72 1.99 -16.55	50.89 2.39 -17.00	49.62 1.71 -23.42	43.76 1.47 -18.11	41.73 1.41 -16.06	34.55 1.25 -7.89	31.32 1.32 -6.01	29.88 1.39 -4.45
AST_ENERGY_2_CC4 323678	20.99 1.23 0.00	19.37 1.10 0.00	18.75 1.08 0.00	18.60 1.00 0.00	18.31 0.99 0.00	20.16 1.18 0.00	23.38 1.41 0.00	25.56 1.61 -0.31	26.89 1.76 -1.01	28.81 2.09 -0.55	31.66 1.63 -4.87	32.39 1.72 -4.18	33.37 1.69 -4.79	36.36 1.69 -7.38	35.85 1.89 -5.73	39.63 2.05 -6.53	44.72 1.99 -16.55	50.89 2.39 -17.00	49.62 1.71 -23.42	43.76 1.47 -18.11	41.73 1.41 -16.06	34.55 1.25 -7.89	31.32 1.32 -6.01	29.88 1.39 -4.45
ATHENS_STG_1 23668	20.61 0.85 0.00	19.01 0.73 0.00	18.40 0.72 0.00	18.31 0.72 0.00	18.02 0.69 0.00	19.81 0.83 0.00	22.93 0.97 0.00	25.02 1.06 -0.32	26.28 1.11 -1.05	28.02 1.28 -0.57	31.36 1.16 -5.04	32.04 1.22 -4.33	33.05 1.21 -4.96	36.11 1.17 -7.65	35.43 1.27 -5.93	39.21 1.40 -6.76	44.55 1.23 -17.14	50.64 1.51 -17.62	49.87 1.10 -24.28	43.94 0.99 -18.78	41.94 1.02 -16.66	34.61 1.02 -8.18	31.23 1.01 -6.23	29.70 1.06 -4.62
ATHENS_STG_2 23670	20.61 0.85 0.00	19.01 0.73 0.00	18.40 0.72 0.00	18.31 0.72 0.00	18.02 0.69 0.00	19.81 0.83 0.00	22.93 0.97 0.00	25.02 1.06 -0.32	26.28 1.11 -1.05	28.02 1.28 -0.57	31.36 1.16 -5.04	32.04 1.22 -4.33	33.05 1.21 -4.96	36.11 1.17 -7.65	35.43 1.27 -5.93	39.21 1.40 -6.76	44.55 1.23 -17.14	50.64 1.51 -17.62	49.87 1.10 -24.28	43.94 0.99 -18.78	41.94 1.02 -16.66	34.61 1.02 -8.18	31.23 1.01 -6.23	29.70 1.06 -4.62

ATHENS_STG_3 23677	20.61 0.85 0.00	19.01 0.73 0.00	18.40 0.72 0.00	18.31 0.72 0.00	18.02 0.69 0.00	19.81 0.83 0.00	22.93 0.97 0.00	25.02 1.06 -0.32	26.28 1.11 -1.05	28.02 1.28 -0.57	31.36 1.16 -5.04	32.04 1.22 -4.33	33.05 1.21 -4.96	36.11 1.17 -7.65	35.43 1.27 -5.93	39.21 1.40 -6.76	44.55 1.23 -17.14	50.64 1.51 -17.62	49.87 1.10 -24.28	43.94 0.99 -18.78	41.94 1.02 -16.66	34.61 1.02 -8.18	31.23 1.01 -6.23	29.70 1.06 -4.62
AUBURN____LFGE 323710	20.26 0.49 0.00	18.64 0.37 0.00	18.03 0.35 0.00	17.91 0.32 0.00	17.71 0.38 0.00	19.45 0.47 0.00	22.50 0.53 0.00	24.01 0.33 -0.04	24.58 0.34 -0.13	26.60 0.37 -0.07	26.16 0.38 -0.62	27.47 0.45 -0.53	27.95 0.46 -0.61	28.75 0.52 -0.94	29.46 0.51 -0.73	32.52 0.59 -0.88	28.83 0.55 -2.10	34.47 0.79 -2.17	28.13 0.69 -2.95	26.98 0.53 -2.28	26.94 0.66 -2.03	27.17 0.76 -0.99	25.35 0.60 -0.76	25.22 0.62 -0.56
BABYLON_RES_REC 323704	28.85 1.82 -7.27	23.41 1.75 -3.38	21.08 1.73 -1.68	19.24 1.62 -0.03	20.66 1.58 -1.76	21.62 1.90 -0.75	26.21 2.20 -2.05	30.23 2.41 -4.17	32.08 2.43 -5.53	32.57 2.80 -3.61	42.79 2.44 -15.19	45.48 2.52 -16.48	45.51 2.53 -16.10	48.22 2.54 -18.39	37.80 2.82 -6.75	42.20 3.10 -8.04	51.21 2.77 -22.26	52.85 3.34 -18.01	52.72 2.59 -25.63	45.96 2.47 -19.33	44.13 2.45 -17.42	38.46 2.31 -10.73	32.94 2.35 -6.59	34.23 2.43 -7.78
BABYLON__69_KV_BK2 356345	28.97 1.94 -7.27	23.41 1.75 -3.38	21.17 1.82 -1.68	19.43 1.81 -0.03	20.85 1.77 -1.76	21.59 1.86 -0.75	26.41 2.39 -2.05	30.63 2.81 -4.17	33.29 2.94 -6.23	33.69 3.22 -4.31	43.19 2.84 -15.19	45.96 2.99 -16.48	45.97 2.98 -16.10	49.90 3.00 -19.61	39.76 3.27 -8.26	44.86 3.63 -10.18	53.32 3.25 -23.89	54.84 3.88 -19.46	56.19 3.01 -28.69	48.11 2.80 -21.13	46.50 2.79 -19.44	41.51 2.64 -13.45	34.20 2.74 -7.47	34.57 2.76 -7.78
BARON_WINDS____WT_PWR 323822	20.46 0.69 0.00	18.60 0.33 0.00	17.90 0.23 0.00	17.84 0.25 0.00	17.57 0.24 0.00	19.47 0.49 0.00	22.56 0.59 0.00	23.71 0.00 -0.07	24.45 0.10 -0.23	26.45 0.16 -0.13	26.44 0.15 -1.12	27.64 0.19 -0.97	28.18 0.19 -1.11	29.32 0.33 -1.71	29.78 0.22 -1.32	32.85 0.28 -1.52	30.48 0.47 -3.82	36.00 0.57 -3.93	30.48 0.59 -5.40	28.78 0.44 -4.18	28.50 0.53 -3.70	27.77 0.53 -1.82	25.81 0.43 -1.39	25.66 0.60 -1.03
BARRETT_IC_1 23704	28.53 1.50 -7.26	23.07 1.43 -3.37	20.68 1.34 -1.67	18.90 1.28 -0.02	20.33 1.25 -1.75	21.20 1.48 -0.74	25.79 1.78 -2.04	29.70 1.89 -4.17	31.10 1.93 -5.05	31.49 2.20 -3.12	42.13 1.79 -15.18	44.78 1.83 -16.47	44.75 1.77 -16.09	46.62 1.77 -17.56	36.02 2.09 -5.71	39.90 2.27 -6.58	49.34 2.02 -21.14	50.06 2.36 -16.19	49.85 1.81 -23.55	43.95 1.69 -18.09	41.97 1.67 -16.04	35.75 1.47 -8.86	31.56 1.58 -5.99	33.53 1.73 -7.77
BARRETT_IC_10 23701	28.53 1.50 -7.26	23.07 1.43 -3.37	20.68 1.34 -1.67	18.90 1.28 -0.02	20.33 1.25 -1.75	21.20 1.48 -0.74	25.79 1.78 -2.04	29.70 1.89 -4.17	31.10 1.93 -5.05	31.49 2.20 -3.12	42.13 1.79 -15.18	44.78 1.83 -16.47	44.75 1.77 -16.09	46.62 1.77 -17.56	36.02 2.09 -5.71	39.90 2.27 -6.58	49.34 2.02 -21.14	50.06 2.36 -16.19	49.85 1.81 -23.55	43.95 1.69 -18.09	41.97 1.67 -16.04	35.75 1.47 -8.86	31.56 1.58 -5.99	33.53 1.73 -7.77
BARRETT_IC_11 23702	28.53 1.50 -7.26	23.07 1.43 -3.37	20.68 1.34 -1.67	18.90 1.28 -0.02	20.33 1.25 -1.75	21.20 1.48 -0.74	25.79 1.78 -2.04	29.70 1.89 -4.17	31.10 1.93 -5.05	31.49 2.20 -3.12	42.13 1.79 -15.18	44.78 1.83 -16.47	44.75 1.77 -16.09	46.62 1.77 -17.56	36.02 2.09 -5.71	39.90 2.27 -6.58	49.34 2.02 -21.14	50.06 2.36 -16.19	49.85 1.81 -23.55	43.95 1.69 -18.09	41.97 1.67 -16.04	35.75 1.47 -8.86	31.56 1.58 -5.99	33.53 1.73 -7.77
BARRETT_IC_12 23703	28.53 1.50 -7.26	23.07 1.43 -3.37	20.68 1.34 -1.67	18.90 1.28 -0.02	20.33 1.25 -1.75	21.20 1.48 -0.74	25.79 1.78 -2.04	29.70 1.89 -4.17	31.10 1.93 -5.05	31.49 2.20 -3.12	42.13 1.79 -15.18	44.78 1.83 -16.47	44.75 1.77 -16.09	46.62 1.77 -17.56	36.02 2.09 -5.71	39.90 2.27 -6.58	49.34 2.02 -21.14	50.06 2.36 -16.19	49.85 1.81 -23.55	43.95 1.69 -18.09	41.97 1.67 -16.04	35.75 1.47 -8.86	31.56 1.58 -5.99	33.53 1.73 -7.77
BARRETT_IC_2 23705	28.53 1.50 -7.26	23.07 1.43 -3.37	20.68 1.34 -1.67	18.90 1.28 -0.02	20.33 1.25 -1.75	21.20 1.48 -0.74	25.79 1.78 -2.04	29.70 1.89 -4.17	31.10 1.93 -5.05	31.49 2.20 -3.12	42.13 1.79 -15.18	44.78 1.83 -16.47	44.75 1.77 -16.09	46.62 1.77 -17.56	36.02 2.09 -5.71	39.90 2.27 -6.58	49.34 2.02 -21.14	50.06 2.36 -16.19	49.85 1.81 -23.55	43.95 1.69 -18.09	41.97 1.67 -16.04	35.75 1.47 -8.86	31.56 1.58 -5.99	33.53 1.73 -7.77
BARRETT_IC_3 23706	28.53 1.50 -7.26	23.07 1.43 -3.37	20.68 1.34 -1.67	18.90 1.28 -0.02	20.33 1.25 -1.75	21.20 1.48 -0.74	25.79 1.78 -2.04	29.70 1.89 -4.17	31.10 1.93 -5.05	31.49 2.20 -3.12	42.13 1.79 -15.18	44.78 1.83 -16.47	44.75 1.77 -16.09	46.62 1.77 -17.56	36.02 2.09 -5.71	39.90 2.27 -6.58	49.34 2.02 -21.14	50.06 2.36 -16.19	49.85 1.81 -23.55	43.95 1.69 -18.09	41.97 1.67 -16.04	35.75 1.47 -8.86	31.56 1.58 -5.99	33.53 1.73 -7.77
BARRETT_IC_4 23707	28.53 1.50 -7.26	23.07 1.43 -3.37	20.68 1.34 -1.67	18.90 1.28 -0.02	20.33 1.25 -1.75	21.20 1.48 -0.74	25.79 1.78 -2.04	29.70 1.89 -4.17	31.10 1.93 -5.05	31.49 2.20 -3.12	42.13 1.79 -15.18	44.78 1.83 -16.47	44.75 1.77 -16.09	46.62 1.77 -17.56	36.02 2.09 -5.71	39.90 2.27 -6.58	49.34 2.02 -21.14	50.06 2.36 -16.19	49.85 1.81 -23.55	43.95 1.69 -18.09	41.97 1.67 -16.04	35.75 1.47 -8.86	31.56 1.58 -5.99	33.53 1.73 -7.77
BARRETT_IC_5 23708	28.53 1.50 -7.26	23.07 1.43 -3.37	20.68 1.34 -1.67	18.90 1.28 -0.02	20.33 1.25 -1.75	21.20 1.48 -0.74	25.79 1.78 -2.04	29.70 1.89 -4.17	31.10 1.93 -5.05	31.49 2.20 -3.12	42.13 1.79 -15.18	44.78 1.83 -16.47	44.75 1.77 -16.09	46.62 1.77 -17.56	36.02 2.09 -5.71	39.90 2.27 -6.58	49.34 2.02 -21.14	50.06 2.36 -16.19	49.85 1.81 -23.55	43.95 1.69 -18.09	41.97 1.67 -16.04	35.75 1.47 -8.86	31.56 1.58 -5.99	33.53 1.73 -7.77
BARRETT_IC_6 23709	28.53 1.50 -7.26	23.07 1.43 -3.37	20.68 1.34 -1.67	18.90 1.28 -0.02	20.33 1.25 -1.75	21.20 1.48 -0.74	25.79 1.78 -2.04	29.70 1.89 -4.17	31.10 1.93 -5.05	31.49 2.20 -3.12	42.13 1.79 -15.18	44.78 1.83 -16.47	44.75 1.77 -16.09	46.62 1.77 -17.56	36.02 2.09 -5.71	39.90 2.27 -6.58	49.34 2.02 -21.14	50.06 2.36 -16.19	49.85 1.81 -23.55	43.95 1.69 -18.09	41.97 1.67 -16.04	35.75 1.47 -8.86	31.56 1.58 -5.99	33.53 1.73 -7.77
BARRETT_IC_7 23710	28.35 1.32 -7.26	22.89 1.24 -3.37	20.61 1.27 -1.67	18.86 1.25 -0.02	20.27 1.20 -1.75	21.03 1.31 -0.74	25.70 1.69 -2.04	29.75 1.94 -4.17	31.17 2.00 -5.05	31.49 2.20 -3.12	42.13 1.79 -15.18	44.81 1.85 -16.47	44.76 1.77 -16.10	46.62 1.77 -17.56	36.02 2.09 -5.71	39.90 2.27 -6.58	49.34 2.02 -21.14	50.06 2.36 -16.19	49.85 1.81 -23.55	43.90 1.64 -18.09	41.93 1.63 -16.04	35.73 1.45 -8.86	31.56 1.58 -5.99	33.48 1.68 -7.77

BARRETT_IC_8 23711	28.53 1.50 -7.26	23.07 1.43 -3.37	20.68 1.34 -1.67	18.90 1.28 -0.02	20.33 1.25 -1.75	21.20 1.48 -0.74	25.79 1.78 -2.04	29.70 1.89 -4.17	31.10 1.93 -5.05	31.49 2.20 -3.12	42.13 1.79 -15.18	44.78 1.83 -16.47	44.75 1.77 -16.09	46.62 1.77 -17.56	36.02 2.09 -5.71	39.90 2.27 -6.58	49.34 2.02 -21.14	50.06 2.36 -16.19	49.85 1.81 -23.55	43.95 1.69 -18.09	41.97 1.67 -16.04	35.75 1.47 -8.86	31.56 1.58 -5.99	33.53 1.73 -7.77
BARRETT_IC_9 23700	28.53 1.50 -7.26	23.07 1.43 -3.37	20.68 1.34 -1.67	18.90 1.28 -0.02	20.33 1.25 -1.75	21.20 1.48 -0.74	25.79 1.78 -2.04	29.70 1.89 -4.17	31.10 1.93 -5.05	31.49 2.20 -3.12	42.13 1.79 -15.18	44.78 1.83 -16.47	44.75 1.77 -16.09	46.62 1.77 -17.56	36.02 2.09 -5.71	39.90 2.27 -6.58	49.34 2.02 -21.14	50.06 2.36 -16.19	49.85 1.81 -23.55	43.95 1.69 -18.09	41.97 1.67 -16.04	35.75 1.47 -8.86	31.56 1.58 -5.99	33.53 1.73 -7.77
BARRETT___1 23545	28.53 1.50 -7.26	23.07 1.43 -3.37	20.68 1.34 -1.67	18.90 1.28 -0.02	20.33 1.25 -1.75	21.20 1.48 -0.74	25.79 1.78 -2.04	29.70 1.89 -4.17	31.10 1.93 -5.05	31.49 2.20 -3.12	42.13 1.79 -15.18	44.78 1.83 -16.47	44.75 1.77 -16.09	46.62 1.77 -17.56	36.02 2.09 -5.71	39.90 2.27 -6.58	49.34 2.02 -21.14	50.06 2.36 -16.19	49.85 1.81 -23.55	43.95 1.69 -18.09	41.97 1.67 -16.04	35.75 1.47 -8.86	31.56 1.58 -5.99	33.53 1.73 -7.77
BARRETT___2 23546	28.53 1.50 -7.26	23.07 1.43 -3.37	20.68 1.34 -1.67	18.90 1.28 -0.02	20.33 1.25 -1.75	21.20 1.48 -0.74	25.79 1.78 -2.04	29.70 1.89 -4.17	31.10 1.93 -5.05	31.49 2.20 -3.12	42.13 1.79 -15.18	44.78 1.83 -16.47	44.75 1.77 -16.09	46.62 1.77 -17.56	36.02 2.09 -5.71	39.90 2.27 -6.58	49.34 2.02 -21.14	50.06 2.36 -16.19	49.85 1.81 -23.55	43.95 1.69 -18.09	41.97 1.67 -16.04	35.75 1.47 -8.86	31.56 1.58 -5.99	33.53 1.73 -7.77
BATAVIA___115KV_TB1 55881	20.73 0.97 0.00	18.89 0.62 0.00	17.92 0.25 0.00	17.73 0.14 0.00	17.69 0.36 0.00	19.66 0.68 0.00	22.14 0.18 0.00	23.50 -0.19 -0.04	24.07 -0.19 -0.15	26.24 0.00 -0.08	25.99 0.13 -0.70	27.11 0.03 -0.60	27.65 0.08 -0.69	28.62 0.27 -1.06	29.22 0.17 -0.82	32.14 0.16 -0.94	28.95 0.39 -2.37	34.37 0.44 -2.43	28.40 0.56 -3.35	27.26 0.51 -2.59	27.07 0.51 -2.29	27.00 0.46 -1.13	25.28 0.43 -0.86	25.27 0.60 -0.64
BAYONEEC___CTG1 323682	20.99 1.23 0.00	19.37 1.10 0.00	18.73 1.06 0.00	18.58 0.98 0.00	18.30 0.97 0.00	20.16 1.18 0.00	23.38 1.41 0.00	25.56 1.61 -0.31	26.92 1.78 -1.01	28.83 2.12 -0.55	31.69 1.66 -4.87	32.39 1.72 -4.18	33.37 1.69 -4.79	36.36 1.69 -7.38	35.88 1.92 -5.73	39.66 2.08 -6.53	44.75 2.02 -16.55	50.89 2.39 -17.00	49.62 1.71 -23.42	43.76 1.47 -18.11	41.73 1.41 -16.06	34.55 1.25 -7.89	31.32 1.32 -6.01	29.90 1.42 -4.45
BAYONEEC___CTG10 323750	20.99 1.23 0.00	19.37 1.10 0.00	18.73 1.06 0.00	18.58 0.98 0.00	18.30 0.97 0.00	20.16 1.18 0.00	23.38 1.41 0.00	25.56 1.61 -0.31	26.92 1.78 -1.01	28.83 2.12 -0.55	31.69 1.66 -4.87	32.39 1.72 -4.18	33.37 1.69 -4.79	36.36 1.69 -7.38	35.88 1.92 -5.73	39.66 2.08 -6.53	44.75 2.02 -16.55	50.89 2.39 -17.00	49.62 1.71 -23.42	43.76 1.47 -18.11	41.73 1.41 -16.06	34.55 1.25 -7.89	31.32 1.32 -6.01	29.90 1.42 -4.45
BAYONEEC___CTG2 323683	20.99 1.23 0.00	19.37 1.10 0.00	18.73 1.06 0.00	18.58 0.98 0.00	18.30 0.97 0.00	20.16 1.18 0.00	23.38 1.41 0.00	25.56 1.61 -0.31	26.92 1.78 -1.01	28.83 2.12 -0.55	31.69 1.66 -4.87	32.39 1.72 -4.18	33.37 1.69 -4.79	36.36 1.69 -7.38	35.88 1.92 -5.73	39.66 2.08 -6.53	44.75 2.02 -16.55	50.89 2.39 -17.00	49.62 1.71 -23.42	43.76 1.47 -18.11	41.73 1.41 -16.06	34.55 1.25 -7.89	31.32 1.32 -6.01	29.90 1.42 -4.45
BAYONEEC___CTG3 323684	20.99 1.23 0.00	19.37 1.10 0.00	18.73 1.06 0.00	18.58 0.98 0.00	18.30 0.97 0.00	20.16 1.18 0.00	23.38 1.41 0.00	25.56 1.61 -0.31	26.92 1.78 -1.01	28.83 2.12 -0.55	31.69 1.66 -4.87	32.39 1.72 -4.18	33.37 1.69 -4.79	36.36 1.69 -7.38	35.88 1.92 -5.73	39.66 2.08 -6.53	44.75 2.02 -16.55	50.89 2.39 -17.00	49.62 1.71 -23.42	43.76 1.47 -18.11	41.73 1.41 -16.06	34.55 1.25 -7.89	31.32 1.32 -6.01	29.90 1.42 -4.45
BAYONEEC___CTG4 323685	20.99 1.23 0.00	19.37 1.10 0.00	18.73 1.06 0.00	18.58 0.98 0.00	18.30 0.97 0.00	20.16 1.18 0.00	23.38 1.41 0.00	25.56 1.61 -0.31	26.92 1.78 -1.01	28.83 2.12 -0.55	31.69 1.66 -4.87	32.39 1.72 -4.18	33.37 1.69 -4.79	36.36 1.69 -7.38	35.88 1.92 -5.73	39.66 2.08 -6.53	44.75 2.02 -16.55	50.89 2.39 -17.00	49.62 1.71 -23.42	43.76 1.47 -18.11	41.73 1.41 -16.06	34.55 1.25 -7.89	31.32 1.32 -6.01	29.90 1.42 -4.45
BAYONEEC___CTG5 323686	20.99 1.23 0.00	19.37 1.10 0.00	18.73 1.06 0.00	18.58 0.98 0.00	18.30 0.97 0.00	20.16 1.18 0.00	23.38 1.41 0.00	25.56 1.61 -0.31	26.92 1.78 -1.01	28.83 2.12 -0.55	31.69 1.66 -4.87	32.39 1.72 -4.18	33.37 1.69 -4.79	36.36 1.69 -7.38	35.88 1.92 -5.73	39.66 2.08 -6.53	44.75 2.02 -16.55	50.89 2.39 -17.00	49.62 1.71 -23.42	43.76 1.47 -18.11	41.73 1.41 -16.06	34.55 1.25 -7.89	31.32 1.32 -6.01	29.90 1.42 -4.45
BAYONEEC___CTG6 323687	20.99 1.23 0.00	19.37 1.10 0.00	18.73 1.06 0.00	18.58 0.98 0.00	18.30 0.97 0.00	20.16 1.18 0.00	23.38 1.41 0.00	25.56 1.61 -0.31	26.92 1.78 -1.01	28.83 2.12 -0.55	31.69 1.66 -4.87	32.39 1.72 -4.18	33.37 1.69 -4.79	36.36 1.69 -7.38	35.88 1.92 -5.73	39.66 2.08 -6.53	44.75 2.02 -16.55	50.89 2.39 -17.00	49.62 1.71 -23.42	43.76 1.47 -18.11	41.73 1.41 -16.06	34.55 1.25 -7.89	31.32 1.32 -6.01	29.90 1.42 -4.45
BAYONEEC___CTG7 323688	20.99 1.23 0.00	19.37 1.10 0.00	18.73 1.06 0.00	18.58 0.98 0.00	18.30 0.97 0.00	20.16 1.18 0.00	23.38 1.41 0.00	25.56 1.61 -0.31	26.92 1.78 -1.01	28.83 2.12 -0.55	31.69 1.66 -4.87	32.39 1.72 -4.18	33.37 1.69 -4.79	36.36 1.69 -7.38	35.88 1.92 -5.73	39.66 2.08 -6.53	44.75 2.02 -16.55	50.89 2.39 -17.00	49.62 1.71 -23.42	43.76 1.47 -18.11	41.73 1.41 -16.06	34.55 1.25 -7.89	31.32 1.32 -6.01	29.90 1.42 -4.45
BAYONEEC___CTG8 323689	20.99 1.23 0.00	19.37 1.10 0.00	18.73 1.06 0.00	18.58 0.98 0.00	18.30 0.97 0.00	20.16 1.18 0.00	23.38 1.41 0.00	25.56 1.61 -0.31	26.92 1.78 -1.01	28.83 2.12 -0.55	31.69 1.66 -4.87	32.39 1.72 -4.18	33.37 1.69 -4.79	36.36 1.69 -7.38	35.88 1.92 -5.73	39.66 2.08 -6.53	44.75 2.02 -16.55	50.89 2.39 -17.00	49.62 1.71 -23.42	43.76 1.47 -18.11	41.73 1.41 -16.06	34.55 1.25 -7.89	31.32 1.32 -6.01	29.90 1.42 -4.45
BAYONEEC___CTG9 323749	20.99 1.23 0.00	19.37 1.10 0.00	18.73 1.06 0.00	18.58 0.98 0.00	18.30 0.97 0.00	20.16 1.18 0.00	23.38 1.41 0.00	25.56 1.61 -0.31	26.92 1.78 -1.01	28.83 2.12 -0.55	31.69 1.66 -4.87	32.39 1.72 -4.18	33.37 1.69 -4.79	36.36 1.69 -7.38	35.88 1.92 -5.73	39.66 2.08 -6.53	44.75 2.02 -16.55	50.89 2.39 -17.00	49.62 1.71 -23.42	43.76 1.47 -18.11	41.73 1.41 -16.06	34.55 1.25 -7.89	31.32 1.32 -6.01	29.90 1.42 -4.45

BEACON___LESR 323632	20.56 0.79 0.00	18.93 0.66 0.00	18.36 0.69 0.00	18.28 0.69 0.00	18.00 0.68 0.00	19.74 0.76 0.00	21.68 0.88 1.16	19.71 1.04 4.97	20.50 1.11 4.73	21.59 1.20 5.78	35.98 1.23 -9.58	35.99 1.27 -8.23	37.54 1.24 -9.42	35.99 1.28 -7.41	38.66 1.35 -9.07	38.99 1.49 -6.45	50.11 1.28 -22.65	67.08 1.54 -34.04	72.56 1.18 -46.89	61.53 1.09 -36.27	57.52 1.09 -32.17	42.35 1.14 -15.79	37.13 1.10 -12.03	34.12 1.18 -8.92
BEAVER RIVER___HYD 24048	20.06 0.30 0.00	18.46 0.18 0.00	17.83 0.16 0.00	17.75 0.16 0.00	17.50 0.17 0.00	19.21 0.23 0.00	22.19 0.22 0.00	23.62 -0.02 0.00	24.02 -0.10 0.00	26.11 -0.05 0.00	25.06 -0.10 0.00	26.51 0.03 0.00	26.91 0.03 0.00	27.37 0.08 0.00	28.26 0.03 0.00	31.21 0.12 -0.04	26.23 0.05 0.00	31.49 -0.03 -0.01	24.49 0.00 0.00	24.34 0.17 0.00	24.53 0.27 0.00	25.80 0.38 0.00	24.35 0.36 0.00	24.27 0.24 0.00
BEEBEE_GT_13 23619	20.34 0.57 0.00	18.62 0.35 0.00	17.78 0.11 0.00	17.63 0.04 0.00	17.50 0.17 0.00	19.34 0.36 0.00	22.06 0.09 0.00	23.46 -0.21 -0.04	24.05 -0.19 -0.12	26.13 -0.10 -0.07	25.77 0.03 -0.58	26.94 -0.05 -0.50	27.46 0.00 -0.58	28.31 0.14 -0.89	28.97 0.06 -0.69	31.92 0.09 -0.78	28.37 0.21 -1.98	33.81 0.28 -2.02	27.62 0.34 -2.79	26.64 0.31 -2.16	26.49 0.32 -1.91	26.64 0.28 -0.94	24.92 0.22 -0.72	24.87 0.31 -0.53
BENSHRST_27_KV_BENSHRST_1 355998	21.03 1.26 0.00	19.42 1.15 0.00	18.89 1.22 0.00	18.75 1.16 0.00	18.45 1.13 0.00	20.12 1.14 0.00	23.42 1.45 0.00	25.72 1.77 -0.31	27.06 1.93 -1.01	29.04 2.33 -0.55	31.89 1.86 -4.87	32.68 2.01 -4.18	33.71 2.04 -4.79	36.75 2.07 -7.38	36.30 2.34 -5.73	40.19 2.61 -6.53	45.19 2.46 -16.55	51.43 2.93 -17.00	50.01 2.11 -23.41	44.12 1.84 -18.11	42.05 1.72 -16.06	34.83 1.53 -7.89	31.58 1.58 -6.01	30.34 1.85 -4.46
BETHLEHEM___GRP 23843	20.14 0.38 0.00	18.60 0.33 0.00	18.08 0.41 0.00	18.02 0.42 0.00	17.71 0.38 0.00	19.38 0.40 0.00	21.46 0.53 1.04	20.00 0.73 4.38	20.79 0.70 4.02	21.84 0.73 5.06	35.49 0.81 -9.52	35.49 0.82 -8.18	37.00 0.75 -9.37	36.14 0.76 -8.08	38.29 0.82 -9.24	39.00 0.90 -7.05	50.45 0.76 -23.51	66.19 0.95 -33.74	71.66 0.69 -46.48	60.75 0.63 -35.95	56.78 0.63 -31.88	41.73 0.66 -15.65	36.59 0.67 -11.92	33.66 0.79 -8.84
BETHLEHEM___GS1 323560	20.24 0.47 0.00	18.68 0.40 0.00	18.13 0.46 0.00	18.05 0.46 0.00	17.76 0.43 0.00	19.45 0.47 0.00	21.48 0.55 1.04	19.95 0.69 4.38	20.79 0.70 4.02	21.84 0.73 5.06	35.49 0.80 -9.52	35.49 0.82 -8.18	37.00 0.75 -9.37	36.13 0.76 -8.08	38.29 0.82 -9.24	39.00 0.90 -7.05	50.45 0.76 -23.51	66.19 0.94 -33.74	71.66 0.68 -46.48	60.75 0.63 -35.95	56.78 0.63 -31.89	41.73 0.66 -15.65	36.59 0.67 -11.93	33.66 0.79 -8.84
BETHLEHEM___GS2 323561	20.24 0.47 0.00	18.68 0.40 0.00	18.13 0.46 0.00	18.05 0.46 0.00	17.76 0.43 0.00	19.45 0.47 0.00	21.48 0.55 1.04	19.95 0.69 4.38	20.79 0.70 4.02	21.84 0.73 5.06	35.49 0.80 -9.52	35.49 0.82 -8.18	37.00 0.75 -9.37	36.13 0.76 -8.08	38.29 0.82 -9.24	39.00 0.90 -7.05	50.45 0.76 -23.51	66.19 0.94 -33.74	71.66 0.68 -46.48	60.75 0.63 -35.95	56.78 0.63 -31.89	41.73 0.66 -15.65	36.59 0.67 -11.93	33.66 0.79 -8.84
BETHLEHEM___GS3 323562	20.24 0.47 0.00	18.68 0.40 0.00	18.13 0.46 0.00	18.05 0.46 0.00	17.76 0.43 0.00	19.45 0.47 0.00	21.48 0.55 1.04	19.95 0.69 4.38	20.79 0.70 4.02	21.84 0.73 5.06	35.49 0.80 -9.52	35.49 0.82 -8.18	37.00 0.75 -9.37	36.13 0.76 -8.08	38.29 0.82 -9.24	39.00 0.90 -7.05	50.45 0.76 -23.51	66.19 0.94 -33.74	71.66 0.68 -46.48	60.75 0.63 -35.95	56.78 0.63 -31.89	41.73 0.66 -15.65	36.59 0.67 -11.93	33.66 0.79 -8.84
BETHLEHEM___STEEL 23779	20.52 0.75 0.00	18.68 0.40 0.00	17.76 0.09 0.00	17.54 -0.05 0.00	17.50 0.17 0.00	19.45 0.47 0.00	21.99 0.02 0.00	23.34 -0.35 -0.05	23.95 -0.34 -0.17	26.10 -0.16 -0.09	25.89 -0.10 -0.83	27.07 -0.13 -0.71	27.59 -0.11 -0.82	28.63 0.08 -1.26	29.09 -0.11 -0.98	32.10 -0.06 -1.11	29.32 0.31 -2.82	34.68 0.28 -2.89	28.89 0.42 -3.98	27.49 0.24 -3.08	27.26 0.27 -2.73	26.94 0.18 -1.34	25.13 0.12 -1.02	25.20 0.41 -0.76
BETHLHEM_115KV_TB1 79974	20.20 0.43 0.00	18.64 0.37 0.00	18.11 0.44 0.00	18.05 0.46 0.00	17.74 0.42 0.00	19.43 0.46 0.00	21.60 0.59 0.96	20.39 0.78 4.03	21.23 0.75 3.63	22.34 0.81 4.64	35.32 0.86 -9.31	35.36 0.87 -7.99	36.84 0.81 -9.15	36.32 0.82 -8.21	38.23 0.88 -9.13	39.19 0.96 -7.17	50.40 0.81 -23.41	65.45 1.01 -32.94	70.60 0.73 -45.38	59.95 0.68 -35.10	56.07 0.68 -31.13	41.41 0.71 -15.28	36.35 0.72 -11.64	33.48 0.82 -8.63
BETHPAGE_CC_5 323564	28.77 1.74 -7.27	23.30 1.65 -3.38	20.94 1.59 -1.68	19.13 1.51 -0.03	20.56 1.47 -1.76	21.49 1.77 -0.75	26.08 2.06 -2.05	30.04 2.22 -4.17	31.69 2.29 -5.28	32.06 2.54 -3.36	42.48 2.14 -15.19	45.19 2.23 -16.48	45.16 2.18 -16.10	47.44 2.18 -17.97	36.93 2.48 -6.22	41.05 2.70 -7.30	50.30 2.44 -21.69	51.89 2.90 -17.49	51.26 2.20 -24.56	44.94 2.08 -18.70	43.04 2.06 -16.72	37.14 1.96 -9.77	32.31 2.04 -6.28	33.92 2.12 -7.77
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	20.56 0.79 0.00	18.69 0.42 0.00	17.78 0.11 0.00	17.56 -0.04 0.00	17.52 0.19 0.00	19.47 0.49 0.00	22.01 0.04 0.00	23.39 -0.31 -0.05	24.00 -0.29 -0.18	26.15 -0.10 -0.10	25.95 -0.05 -0.84	27.16 -0.05 -0.72	27.66 0.16 -0.83	28.73 0.16 -1.28	29.19 -0.03 -0.99	32.18 0.00 -1.13	29.44 0.39 -2.86	34.81 0.38 -2.93	28.99 0.47 -4.04	27.56 0.27 -3.12	27.35 0.32 -2.77	27.01 0.23 -1.36	25.20 0.17 -1.04	25.23 0.43 -0.77
BINGHAMTON___COGEN 23790	20.28 0.51 0.00	18.64 0.37 0.00	17.92 0.25 0.00	17.80 0.21 0.00	17.60 0.28 0.00	19.43 0.46 0.00	22.36 0.40 0.00	24.01 0.26 -0.11	24.74 0.27 -0.36	26.73 0.37 -0.20	27.24 0.35 -1.73	28.37 0.40 -1.48	28.98 0.40 -1.70	30.37 0.46 -2.62	30.68 0.42 -2.03	33.88 0.50 -2.33	32.57 0.52 -5.87	38.16 0.63 -6.02	33.31 0.54 -8.28	31.01 0.44 -6.40	30.45 0.51 -5.68	28.74 0.53 -2.79	26.57 0.46 -2.12	26.13 0.53 -1.57
BIXINCNT_115KV_LOAD 355685	20.50 0.73 0.00	18.64 0.37 0.00	17.72 0.05 0.00	17.52 -0.07 0.00	17.50 0.17 0.00	19.49 0.51 0.00	22.03 0.07 0.00	23.48 -0.21 -0.06	24.14 -0.17 -0.19	26.32 0.05 -0.10	26.11 0.05 -0.90	27.29 0.03 -0.77	27.79 0.03 -0.88	28.92 0.27 -1.36	29.37 0.08 -1.06	32.35 0.09 -1.20	29.73 0.50 -3.05	35.14 0.50 -3.13	29.34 0.54 -4.31	27.84 0.34 -3.33	27.58 0.36 -2.95	27.17 0.31 -1.45	25.29 0.19 -1.10	25.28 0.43 -0.82
BLACK RIVER___HYD 24047	20.36 0.59 0.00	18.64 0.37 0.00	18.01 0.33 0.00	17.93 0.33 0.00	17.67 0.35 0.00	19.43 0.45 0.00	22.43 0.46 0.00	23.74 0.09 0.00	24.17 0.05 0.00	26.32 0.16 0.00	25.21 0.05 0.00	26.73 0.24 0.00	27.12 0.24 0.00	27.62 0.33 0.00	28.48 0.25 0.00	31.57 0.47 -0.06	26.60 0.42 0.00	31.90 0.38 -0.02	24.83 0.34 0.00	24.68 0.51 0.00	24.94 0.68 0.00	26.21 0.79 0.00	24.69 0.70 0.00	24.61 0.58 0.00

BLACKRVR_115KV_TB2 79977	20.40 0.63 0.00	18.75 0.48 0.00	18.03 0.35 0.00	17.93 0.33 0.00	17.71 0.38 0.00	19.53 0.55 0.00	22.45 0.48 0.00	23.76 0.12 0.00	24.12 0.00 0.00	26.32 0.16 0.00	25.21 0.05 0.00	26.73 0.24 0.00	27.12 0.24 0.00	27.62 0.33 0.00	28.48 0.25 0.00	31.57 0.47 -0.06	26.60 0.42 0.00	31.90 0.38 -0.02	24.83 0.34 0.00	24.68 0.51 0.00	24.94 0.68 0.00	26.21 0.79 0.00	24.69 0.70 0.00	24.61 0.58 0.00
BLISS_WT_PWR 323608	20.46 0.69 0.00	18.51 0.24 0.00	17.80 0.12 0.00	17.73 0.14 0.00	17.45 0.12 0.00	19.42 0.44 0.00	22.49 0.53 0.00	23.46 -0.24 -0.06	24.26 -0.05 -0.19	26.32 0.05 -0.10	26.11 0.05 -0.90	27.28 0.03 -0.77	27.77 0.00 -0.88	28.89 0.25 -1.36	29.37 0.08 -1.06	32.35 0.09 -1.20	29.71 0.47 -3.05	35.14 0.50 -3.13	29.36 0.56 -4.31	27.84 0.34 -3.33	27.56 0.34 -2.96	27.15 0.28 -1.45	25.29 0.19 -1.11	25.28 0.43 -0.82
BLUE_CIRC_CHEM_DRP 24182	20.48 0.71 0.00	18.89 0.62 0.00	18.34 0.67 0.00	18.26 0.67 0.00	17.95 0.62 0.00	19.70 0.72 0.00	22.14 0.86 0.68	21.94 1.04 2.74	22.95 1.04 2.21	24.21 1.13 3.08	34.56 1.11 -8.29	34.75 1.14 -7.12	36.16 1.13 -8.15	36.81 1.12 -8.40	37.91 1.21 -8.47	39.72 1.30 -7.37	49.65 1.10 -22.37	62.09 1.35 -29.24	65.79 1.03 -40.28	56.29 0.97 -31.15	52.91 1.02 -27.63	40.02 1.04 -13.56	35.36 1.03 -10.33	32.79 1.11 -7.66
BOC_GAS_DRP 24189	20.32 0.55 0.00	18.77 0.49 0.00	18.20 0.53 0.00	18.14 0.55 0.00	17.81 0.49 0.00	19.53 0.55 0.00	22.12 0.70 0.55	22.39 0.85 2.11	23.52 0.87 1.47	24.82 0.97 2.31	34.19 0.93 -8.10	34.40 0.95 -6.96	35.79 0.94 -7.97	37.16 0.93 -8.94	37.74 1.02 -8.50	39.99 1.09 -7.86	50.00 0.94 -22.88	61.13 1.13 -28.49	64.57 0.83 -39.24	55.30 0.77 -30.36	51.96 0.78 -26.92	39.45 0.81 -13.22	34.85 0.79 -10.07	32.36 0.87 -7.46
BOONVILLE_115KV_TB1 79983	20.34 0.57 0.00	18.73 0.46 0.00	17.99 0.32 0.00	17.89 0.30 0.00	17.66 0.33 0.00	19.51 0.53 0.00	22.43 0.46 0.00	24.00 0.35 0.00	24.48 0.36 0.00	26.69 0.52 0.00	25.71 0.55 0.00	27.12 0.64 0.00	27.53 0.65 0.00	28.02 0.74 0.00	28.93 0.71 0.00	31.84 0.78 -0.01	26.86 0.68 0.00	32.20 0.69 -0.01	25.05 0.56 0.00	24.72 0.56 0.00	24.92 0.66 0.00	26.08 0.66 0.00	24.62 0.62 0.00	24.58 0.55 0.00
BORALEX_4TH_BRANCH 23824	20.93 1.17 0.00	19.30 1.02 0.00	18.66 0.99 0.00	18.56 0.97 0.00	18.30 0.97 0.00	20.18 1.20 0.00	25.07 1.41 -1.70	34.05 1.51 -8.90	38.00 1.54 -12.34	39.24 1.68 -11.40	38.98 1.71 -12.11	38.69 1.80 -10.40	40.63 1.83 -11.92	57.89 1.83 -28.77	47.63 1.92 -17.48	58.73 2.08 -25.60	83.57 1.70 -55.68	73.52 2.08 -39.94	81.06 1.54 -55.02	68.25 1.52 -42.56	63.46 1.46 -37.75	45.55 1.60 -18.53	39.65 1.54 -14.12	36.03 1.54 -10.46
BOWLINE___1 23526	20.81 1.05 0.00	19.21 0.93 0.00	18.57 0.90 0.00	18.42 0.83 0.00	18.14 0.81 0.00	19.98 1.01 0.00	23.18 1.21 0.00	25.28 1.35 -0.30	26.55 1.45 -0.98	28.43 1.73 -0.53	31.31 1.43 -4.72	32.02 1.48 -4.05	33.00 1.48 -4.64	35.92 1.47 -7.16	35.42 1.64 -5.56	39.15 1.77 -6.33	43.91 1.68 -16.05	50.04 2.05 -16.48	48.67 1.47 -22.71	43.04 1.30 -17.57	41.10 1.26 -15.58	34.24 1.17 -7.65	30.99 1.18 -5.83	29.60 1.25 -4.32
BOWLINE___2 23595	20.81 1.05 0.00	19.21 0.93 0.00	18.57 0.90 0.00	18.44 0.84 0.00	18.14 0.81 0.00	19.98 1.01 0.00	23.18 1.21 0.00	25.28 1.35 -0.30	26.55 1.45 -0.98	28.43 1.73 -0.54	31.31 1.43 -4.72	32.02 1.48 -4.05	33.00 1.48 -4.64	35.92 1.47 -7.16	35.42 1.64 -5.56	39.15 1.77 -6.33	43.91 1.68 -16.05	50.04 2.05 -16.49	48.67 1.47 -22.71	43.04 1.30 -17.57	41.10 1.26 -15.58	34.24 1.17 -7.65	30.99 1.18 -5.83	29.60 1.25 -4.32
BRADY___115KV_TB2 356060	19.55 -0.22 0.00	18.13 -0.15 0.00	17.57 -0.11 0.00	17.51 -0.09 0.00	17.21 -0.12 0.00	18.81 -0.17 0.00	21.75 -0.22 0.00	23.52 -0.12 0.00	23.97 -0.14 0.00	25.88 -0.29 0.00	24.91 -0.25 0.00	26.28 -0.21 0.00	26.72 -0.16 0.00	27.12 -0.16 0.00	28.03 -0.20 0.00	30.83 -0.22 0.00	25.68 -0.50 0.00	30.84 -0.66 0.00	23.95 -0.54 0.00	23.90 -0.27 0.00	23.92 -0.34 0.00	25.21 -0.20 0.00	23.82 -0.17 0.00	23.77 -0.26 0.00
BRANSCOMB___SOLAR 323811	20.99 1.23 0.00	19.33 1.06 0.00	18.70 1.02 0.00	18.60 1.00 0.00	18.31 0.99 0.00	20.18 1.20 0.00	24.65 1.41 -1.28	32.17 1.51 -7.01	36.09 1.62 -10.36	37.10 1.78 -9.16	41.08 1.59 -14.33	40.44 1.64 -12.31	42.71 1.72 -14.11	58.62 1.77 -29.56	49.25 1.72 -19.30	59.23 1.93 -26.26	87.52 1.70 -59.64	81.31 1.92 -47.88	92.09 1.64 -65.96	76.88 1.69 -51.02	71.23 1.72 -45.25	49.38 1.75 -22.22	42.57 1.65 -16.92	38.21 1.63 -12.54
BRENTWOD_69_KV_W. BRTWOOD 56703	28.87 1.84 -7.27	23.32 1.66 -3.38	21.12 1.77 -1.68	19.36 1.74 -0.03	20.80 1.72 -1.76	21.51 1.78 -0.75	26.35 2.33 -2.05	30.56 2.74 -4.17	33.25 2.87 -6.26	33.59 3.09 -4.34	43.09 2.74 -15.19	45.86 2.89 -16.48	45.83 2.85 -16.10	49.78 2.84 -19.65	39.64 3.11 -8.31	44.68 3.38 -10.25	53.16 3.04 -23.94	54.69 3.65 -19.53	56.12 2.84 -28.79	48.02 2.66 -21.19	46.39 2.62 -19.51	41.43 2.47 -13.54	34.06 2.57 -7.50	34.48 2.67 -7.78
BRISTLHL_115KV_TB1 79998	19.78 0.02 0.00	18.22 -0.05 0.00	17.53 -0.14 0.00	17.43 -0.16 0.00	17.22 -0.10 0.00	18.96 -0.02 0.00	21.84 -0.13 0.00	23.26 -0.38 0.00	23.68 -0.43 0.00	25.77 -0.39 0.00	24.83 -0.33 0.00	26.17 -0.32 0.00	26.56 -0.32 0.00	26.99 -0.30 0.00	27.89 -0.34 0.00	30.81 -0.34 -0.10	25.97 -0.21 0.00	31.25 -0.32 -0.06	24.29 -0.20 0.00	23.90 -0.27 0.00	24.07 -0.19 0.00	25.26 -0.15 0.00	23.78 -0.22 0.00	23.86 -0.17 0.00
BROOKHAVEN___DRP 24191	28.99 1.96 -7.27	23.43 1.77 -3.38	21.26 1.91 -1.68	19.50 1.88 -0.03	20.94 1.85 -1.76	21.62 1.90 -0.75	26.52 2.50 -2.05	30.79 2.98 -4.17	37.48 3.11 -10.25	37.77 3.27 -8.34	43.25 2.89 -15.20	45.99 3.02 -16.49	45.94 2.96 -16.10	56.82 2.97 -26.55	48.35 3.25 -16.88	56.93 3.54 -22.34	62.56 3.19 -33.19	63.17 3.91 -27.75	73.60 3.01 -46.10	58.45 2.85 -31.43	58.07 2.84 -30.97	57.11 2.67 -29.02	39.29 2.83 -12.47	34.75 2.93 -7.78
BROOKLYN_NAVY_YARD 23515	20.99 1.23 0.00	19.35 1.08 0.00	18.73 1.06 0.00	18.58 0.98 0.00	18.30 0.97 0.00	20.14 1.16 0.00	23.38 1.41 0.00	25.58 1.63 -0.31	26.92 1.78 -1.01	28.86 2.15 -0.55	31.66 1.63 -4.87	32.39 1.72 -4.18	33.37 1.69 -4.79	36.36 1.69 -7.38	35.85 1.89 -5.73	39.66 2.08 -6.53	44.75 2.02 -16.55	50.93 2.43 -17.00	49.64 1.74 -23.42	43.78 1.50 -18.11	41.73 1.41 -16.06	34.55 1.25 -7.89	31.34 1.34 -6.01	29.93 1.44 -4.45
BROOKLYN___ARMY_DRP 323595	20.95 1.19 0.00	19.37 1.10 0.00	18.82 1.15 0.00	18.68 1.09 0.00	18.38 1.06 0.00	20.04 1.06 0.00	23.33 1.36 0.00	25.63 1.68 -0.31	26.94 1.81 -1.01	28.91 2.20 -0.55	31.76 1.74 -4.87	32.55 1.88 -4.18	33.58 1.91 -4.79	36.61 1.94 -7.38	36.13 2.17 -5.73	40.00 2.42 -6.53	45.04 2.30 -16.55	51.24 2.74 -17.00	49.86 1.96 -23.41	43.97 1.69 -18.11	41.90 1.58 -16.06	34.68 1.37 -7.89	31.46 1.46 -6.01	30.22 1.73 -4.46

BROOKVLE_69_KV_TB1 55790	28.43 1.40 -7.27	22.93 1.28 -3.38	20.67 1.33 -1.67	18.92 1.30 -0.02	20.35 1.26 -1.75	21.09 1.37 -0.74	25.77 1.76 -2.04	29.89 2.08 -4.17	31.43 2.19 -5.11	31.84 2.49 -3.19	42.43 2.09 -15.18	45.16 2.20 -16.47	45.19 2.20 -16.10	47.19 2.21 -17.69	36.55 2.46 -5.87	40.56 2.70 -6.81	49.93 2.43 -21.31	51.55 2.90 -17.15	50.53 2.18 -23.86	44.43 1.98 -18.28	42.45 1.94 -16.25	36.36 1.80 -9.14	32.02 1.94 -6.08	33.75 1.95 -7.77
BROOME_2_LFGE 323671	20.30 0.53 0.00	18.60 0.33 0.00	17.95 0.28 0.00	17.86 0.26 0.00	17.60 0.28 0.00	19.42 0.44 0.00	22.47 0.51 0.00	23.99 0.24 -0.11	24.79 0.31 -0.36	26.73 0.37 -0.20	27.24 0.35 -1.72	28.37 0.40 -1.48	28.98 0.40 -1.70	30.37 0.46 -2.62	30.68 0.42 -2.03	33.88 0.50 -2.33	32.57 0.52 -5.86	38.16 0.63 -6.02	33.31 0.54 -8.28	31.01 0.44 -6.40	30.45 0.51 -5.68	28.74 0.53 -2.79	26.57 0.45 -2.12	26.13 0.53 -1.57
BROOME___LFGE 323600	20.30 0.53 0.00	18.60 0.33 0.00	17.95 0.28 0.00	17.86 0.26 0.00	17.60 0.28 0.00	19.42 0.44 0.00	22.47 0.51 0.00	23.99 0.24 -0.11	24.79 0.31 -0.36	26.73 0.37 -0.20	27.24 0.35 -1.72	28.37 0.40 -1.48	28.98 0.40 -1.70	30.37 0.46 -2.62	30.68 0.42 -2.03	33.88 0.50 -2.33	32.57 0.52 -5.86	38.16 0.63 -6.02	33.31 0.54 -8.28	31.01 0.44 -6.40	30.45 0.51 -5.68	28.74 0.53 -2.79	26.57 0.45 -2.12	26.13 0.53 -1.57
BROWNFLS_115KV_TB_3_5 80003	19.76 0.00 0.00	18.24 -0.04 0.00	17.65 -0.02 0.00	17.58 -0.02 0.00	17.31 -0.02 0.00	18.98 0.00 0.00	21.88 -0.09 0.00	23.40 -0.24 0.00	23.83 -0.29 0.00	25.82 -0.34 0.00	24.81 -0.35 0.00	26.22 -0.26 0.00	26.61 -0.27 0.00	27.07 -0.22 0.00	27.95 -0.28 0.00	30.76 -0.31 -0.02	25.71 -0.47 0.00	30.88 -0.63 -0.01	24.00 -0.49 0.00	23.90 -0.27 0.00	24.02 -0.24 0.00	25.32 -0.10 0.00	23.94 -0.05 0.00	23.86 -0.17 0.00
BROWNSV1_27_KV_LOAD 356125	20.95 1.19 0.00	19.37 1.10 0.00	18.82 1.15 0.00	18.70 1.11 0.00	18.40 1.07 0.00	20.14 1.16 0.00	23.48 1.52 0.00	25.79 1.84 -0.31	27.13 2.00 -1.01	29.07 2.35 -0.55	31.91 1.89 -4.87	32.65 1.99 -4.18	33.66 1.99 -4.79	36.66 1.99 -7.38	36.19 2.23 -5.73	40.00 2.42 -6.53	45.06 2.33 -16.55	51.27 2.77 -17.00	49.91 2.01 -23.41	44.04 1.76 -18.11	42.02 1.70 -16.06	34.83 1.53 -7.89	31.56 1.56 -6.01	30.14 1.66 -4.45
BURROWS___LYONSDAL 23803	20.28 0.51 0.00	18.66 0.38 0.00	17.94 0.27 0.00	17.86 0.26 0.00	17.60 0.28 0.00	19.43 0.46 0.00	22.36 0.40 0.00	23.88 0.24 0.00	24.36 0.24 0.00	26.53 0.37 0.00	25.54 0.38 0.00	26.96 0.48 0.00	27.37 0.48 0.00	27.83 0.55 0.00	28.76 0.54 0.00	31.66 0.59 -0.02	26.71 0.52 0.00	32.02 0.50 -0.01	24.91 0.42 0.00	24.63 0.46 0.00	24.79 0.53 0.00	26.00 0.58 0.00	24.52 0.53 0.00	24.49 0.46 0.00
CAITHNESS_CC_1 323624	29.09 2.06 -7.27	23.67 2.01 -3.38	21.34 2.00 -1.68	19.49 1.86 -0.03	20.90 1.82 -1.76	21.89 2.16 -0.75	26.52 2.50 -2.05	30.60 2.79 -4.17	37.09 2.75 -10.22	37.64 3.16 -8.31	43.15 2.79 -15.20	45.89 2.91 -16.49	45.83 2.85 -16.10	56.66 2.86 -26.51	48.15 3.11 -16.82	56.72 3.42 -22.26	62.37 3.06 -33.12	62.92 3.72 -27.70	73.34 2.86 -45.98	58.29 2.75 -31.36	57.94 2.79 -30.89	56.97 2.64 -28.91	39.14 2.71 -12.44	34.65 2.83 -7.78
CALPINE BETH_PAGE_GT4 24209	28.57 1.54 -7.27	23.06 1.41 -3.38	20.81 1.47 -1.67	19.06 1.44 -0.03	20.49 1.40 -1.76	21.22 1.50 -0.75	25.95 1.93 -2.05	30.04 2.22 -4.17	31.62 2.24 -5.26	31.96 2.46 -3.33	42.44 2.09 -15.19	45.11 2.15 -16.48	45.14 2.15 -16.10	47.37 2.16 -17.93	36.85 2.46 -6.16	40.94 2.67 -7.22	50.22 2.41 -21.63	51.77 2.84 -17.43	51.13 2.18 -24.46	44.78 1.98 -18.63	42.87 1.97 -16.64	36.92 1.83 -9.67	32.21 1.97 -6.25	33.78 1.97 -7.77
CALPINE_BETH_PAGE_GT_4 323586	28.75 1.72 -7.27	23.28 1.63 -3.38	20.92 1.57 -1.67	19.11 1.49 -0.03	20.54 1.46 -1.76	21.47 1.74 -0.75	26.06 2.04 -2.05	29.99 2.17 -4.17	31.62 2.24 -5.26	31.96 2.46 -3.33	42.43 2.09 -15.19	45.14 2.17 -16.48	45.14 2.15 -16.10	47.37 2.16 -17.93	36.85 2.45 -6.16	40.94 2.67 -7.22	50.22 2.41 -21.63	51.77 2.84 -17.43	51.13 2.18 -24.46	44.83 2.03 -18.63	42.92 2.01 -16.65	37.00 1.91 -9.67	32.21 1.97 -6.25	33.85 2.04 -7.77
CALPINE_BP_GT1 23823	28.75 1.72 -7.27	23.28 1.63 -3.38	20.92 1.57 -1.67	19.11 1.49 -0.03	20.54 1.46 -1.76	21.47 1.74 -0.75	26.06 2.04 -2.05	29.99 2.17 -4.17	31.62 2.24 -5.26	31.96 2.46 -3.33	42.43 2.09 -15.19	45.14 2.17 -16.48	45.14 2.15 -16.10	47.37 2.16 -17.93	36.85 2.45 -6.16	40.94 2.67 -7.22	50.22 2.41 -21.63	51.77 2.84 -17.43	51.13 2.18 -24.46	44.83 2.03 -18.63	42.92 2.01 -16.65	37.00 1.91 -9.67	32.21 1.97 -6.25	33.85 2.04 -7.77
CALSPAN___DRP 24200	20.52 0.75 0.00	18.68 0.40 0.00	17.76 0.09 0.00	17.54 -0.05 0.00	17.50 0.17 0.00	19.45 0.47 0.00	21.99 0.02 0.00	23.34 -0.35 -0.05	23.95 -0.34 -0.17	26.10 -0.16 -0.09	25.89 -0.10 -0.83	27.07 -0.13 -0.71	27.59 -0.11 -0.82	28.63 0.08 -1.26	29.09 -0.11 -0.98	32.10 -0.06 -1.11	29.32 0.31 -2.82	34.68 0.28 -2.89	28.89 0.42 -3.98	27.49 0.24 -3.08	27.26 0.27 -2.73	26.94 0.18 -1.34	25.13 0.12 -1.02	25.20 0.41 -0.76
CALVERTON___SOLAR 323806	29.27 2.23 -7.27	23.85 2.19 -3.38	21.54 2.19 -1.68	19.64 2.02 -0.03	21.06 1.97 -1.76	22.06 2.33 -0.75	26.74 2.72 -2.05	30.84 3.03 -4.17	37.37 2.99 -10.26	37.94 3.43 -8.35	43.38 3.02 -15.20	46.15 3.18 -16.49	46.10 3.12 -16.10	57.03 3.16 -26.57	48.55 3.41 -16.90	57.18 3.76 -22.38	62.77 3.38 -33.21	63.41 4.13 -27.78	73.83 3.18 -46.15	58.70 3.07 -31.46	58.37 3.11 -31.01	57.48 3.00 -29.07	39.50 3.02 -12.49	34.96 3.15 -7.78
CANDIGU_WT_PWR 323617	20.46 0.69 0.00	18.60 0.33 0.00	17.90 0.23 0.00	17.84 0.25 0.00	17.57 0.24 0.00	19.47 0.49 0.00	22.56 0.59 0.00	23.71 0.00 -0.07	24.45 0.10 -0.23	26.45 0.16 -0.13	26.44 0.15 -1.12	27.64 0.19 -0.97	28.18 0.19 -1.11	29.32 0.33 -1.71	29.78 0.22 -1.32	32.85 0.28 -1.52	30.48 0.47 -3.82	36.00 0.57 -3.93	30.48 0.59 -5.40	28.78 0.44 -4.18	28.50 0.53 -3.70	27.77 0.53 -1.82	25.81 0.43 -1.39	25.66 0.60 -1.03
CARR STREET_E_SYR 24060	19.84 0.08 0.00	18.24 -0.04 0.00	17.60 -0.07 0.00	17.52 -0.07 0.00	17.28 -0.05 0.00	19.00 0.02 0.00	21.95 -0.02 0.00	23.41 -0.26 -0.03	24.01 -0.19 -0.08	26.03 -0.18 -0.05	25.44 -0.13 -0.41	26.65 -0.18 -0.35	27.04 -0.24 -0.40	27.68 -0.22 -0.62	28.45 -0.25 -0.48	31.37 -0.25 -0.57	27.41 -0.16 -1.38	32.75 -0.19 -1.43	26.37 -0.07 -1.95	25.56 -0.12 -1.51	25.55 -0.05 -1.34	26.02 -0.05 -0.66	24.40 -0.10 -0.50	24.33 -0.07 -0.37
CARTHAGE___PAPER 23857	20.16 0.40 0.00	18.53 0.26 0.00	17.90 0.23 0.00	17.82 0.23 0.00	17.57 0.24 0.00	19.30 0.32 0.00	22.30 0.33 0.00	23.66 0.02 0.00	24.05 -0.07 0.00	26.19 0.03 0.00	25.09 -0.08 0.00	26.54 0.05 0.00	26.96 0.08 0.00	27.43 0.14 0.00	28.31 0.08 0.00	31.32 0.22 -0.05	26.34 0.16 0.00	31.62 0.09 -0.02	24.61 0.12 0.00	24.48 0.31 0.00	24.70 0.44 0.00	25.98 0.56 0.00	24.50 0.50 0.00	24.39 0.36 0.00

CASSADAGA_WT_PWR 323784	20.83 1.07 0.00	18.86 0.58 0.00	18.15 0.48 0.00	18.09 0.49 0.00	17.78 0.45 0.00	19.78 0.80 0.00	22.98 1.01 0.00	24.03 0.33 -0.06	24.93 0.63 -0.18	27.08 0.81 -0.10	26.85 0.80 -0.88	28.01 0.77 -0.76	28.47 0.73 -0.87	29.58 0.95 -1.34	30.05 0.79 -1.04	33.10 0.87 -1.18	30.25 1.07 -2.99	35.74 1.17 -3.07	29.82 1.10 -4.23	28.36 0.92 -3.27	28.18 1.02 -2.90	27.83 0.99 -1.42	25.89 0.82 -1.08	25.84 1.01 -0.80
CE_DUNWOOD___DRP 24194	20.75 0.99 0.00	19.19 0.91 0.00	18.63 0.95 0.00	18.51 0.91 0.00	18.21 0.88 0.00	19.95 0.97 0.00	23.24 1.27 0.00	25.51 1.56 -0.31	26.77 1.64 -1.01	28.65 1.94 -0.55	31.63 1.61 -4.86	32.35 1.70 -4.17	33.36 1.69 -4.78	36.35 1.69 -7.37	35.81 1.86 -5.72	39.58 2.02 -6.52	44.61 1.91 -16.52	50.80 2.33 -16.96	49.52 1.67 -23.36	43.74 1.50 -18.07	41.72 1.43 -16.03	34.61 1.32 -7.87	31.31 1.32 -5.99	29.89 1.42 -4.44
CE_MILLWOOD___DRP 24193	20.73 0.97 0.00	19.15 0.88 0.00	18.59 0.92 0.00	18.47 0.88 0.00	18.18 0.85 0.00	19.93 0.95 0.00	23.20 1.23 0.00	25.43 1.49 -0.30	26.72 1.59 -1.01	28.57 1.86 -0.55	31.56 1.56 -4.84	32.29 1.64 -4.16	33.28 1.64 -4.76	36.24 1.61 -7.34	35.70 1.78 -5.70	39.50 1.96 -6.49	44.47 1.83 -16.45	50.64 2.24 -16.90	49.38 1.62 -23.28	43.60 1.43 -18.00	41.61 1.38 -15.97	34.53 1.27 -7.84	31.26 1.30 -5.97	29.83 1.37 -4.43
CE_NYC2_DRP 24202	20.87 1.11 0.00	19.30 1.02 0.00	18.77 1.10 0.00	18.65 1.06 0.00	18.33 1.00 0.00	20.02 1.04 0.00	23.31 1.34 0.00	25.60 1.65 -0.31	26.92 1.78 -1.01	28.86 2.15 -0.55	31.74 1.71 -4.87	32.47 1.80 -4.18	33.47 1.80 -4.79	36.47 1.80 -7.38	35.99 2.03 -5.73	39.82 2.24 -6.53	44.88 2.15 -16.55	51.05 2.55 -17.00	49.72 1.81 -23.41	43.85 1.57 -18.11	41.80 1.48 -16.06	34.60 1.30 -7.89	31.39 1.39 -6.01	30.07 1.59 -4.45
CE_NYC_DRP 24195	20.81 1.05 0.00	19.24 0.97 0.00	18.70 1.02 0.00	18.58 0.99 0.00	18.28 0.95 0.00	20.02 1.04 0.00	23.33 1.36 0.00	25.63 1.68 -0.31	26.94 1.81 -1.01	28.86 2.15 -0.55	31.74 1.71 -4.87	32.47 1.80 -4.18	33.45 1.77 -4.79	36.45 1.77 -7.38	35.93 1.98 -5.73	39.72 2.14 -6.53	44.80 2.07 -16.55	50.99 2.49 -17.00	49.69 1.79 -23.41	43.83 1.55 -18.11	41.80 1.48 -16.06	34.62 1.32 -7.89	31.37 1.37 -6.01	29.95 1.47 -4.45
CHAFFEE___LFGE 323603	20.56 0.79 0.00	18.57 0.29 0.00	17.87 0.19 0.00	17.80 0.21 0.00	17.48 0.16 0.00	19.40 0.42 0.00	22.47 0.51 0.00	23.36 -0.33 -0.05	24.15 -0.14 -0.18	26.21 -0.05 -0.10	26.00 -0.03 -0.86	27.23 0.00 -0.74	27.73 0.00 -0.85	28.82 0.22 -1.31	29.27 0.03 -1.02	32.27 0.06 -1.16	29.56 0.44 -2.94	34.92 0.41 -3.01	29.15 0.52 -4.15	27.69 0.31 -3.21	27.45 0.34 -2.85	27.07 0.25 -1.40	25.23 0.17 -1.06	25.25 0.43 -0.79
CHATEAUG_35_KV_LOAD 355732	19.55 -0.22 0.00	18.15 -0.13 0.00	17.72 0.05 0.00	17.70 0.11 0.00	17.43 0.10 0.00	19.02 0.04 0.00	22.19 0.22 0.00	24.16 0.52 0.00	24.62 0.51 0.00	26.45 0.29 0.00	25.46 0.30 0.00	26.86 0.37 0.00	27.31 0.43 0.00	27.72 0.44 0.00	28.57 0.34 0.00	31.48 0.43 0.00	25.87 -0.31 0.00	31.06 -0.44 0.00	24.20 -0.29 0.00	24.22 0.05 0.00	24.14 -0.12 0.00	25.60 0.18 0.00	24.11 0.12 0.00	24.03 0.00 0.00
CHATEAUG_WT_PWR 323614	19.57 -0.20 0.00	18.22 -0.05 0.00	17.74 0.07 0.00	17.70 0.11 0.00	17.45 0.12 0.00	19.09 0.11 0.00	22.21 0.24 0.00	24.21 0.57 0.00	24.58 0.46 0.00	26.48 0.32 0.00	25.51 0.35 0.00	26.89 0.40 0.00	27.34 0.46 0.00	27.75 0.46 0.00	28.59 0.37 0.00	31.52 0.47 0.00	25.87 -0.31 0.00	31.09 -0.41 0.00	24.20 -0.29 0.00	24.19 0.02 0.00	24.12 -0.14 0.00	25.60 0.18 0.00	24.11 0.12 0.00	24.06 0.02 0.00
CHAT_HIGH_FALL_HYD 323578	19.55 -0.22 0.00	18.22 -0.05 0.00	17.72 0.05 0.00	17.70 0.11 0.00	17.43 0.10 0.00	19.07 0.10 0.00	22.19 0.22 0.00	24.21 0.57 0.00	24.58 0.46 0.00	26.45 0.29 0.00	25.46 0.30 0.00	26.86 0.37 0.00	27.31 0.43 0.00	27.72 0.44 0.00	28.57 0.34 0.00	31.48 0.43 0.00	25.87 -0.31 0.00	31.13 -0.38 0.00	24.22 -0.27 0.00	24.22 0.05 0.00	24.14 -0.12 0.00	25.60 0.18 0.00	24.11 0.12 0.00	24.03 0.00 0.00
CHAUTAUQUA___LFGE 323629	20.73 0.97 0.00	18.78 0.51 0.00	18.06 0.39 0.00	18.00 0.40 0.00	17.69 0.36 0.00	19.66 0.68 0.00	22.80 0.83 0.00	23.79 0.09 -0.05	24.64 0.34 -0.18	26.73 0.47 -0.10	26.48 0.45 -0.86	27.68 0.45 -0.74	28.19 0.46 -0.85	29.28 0.68 -1.31	29.72 0.48 -1.01	32.76 0.56 -1.16	29.89 0.78 -2.93	35.39 0.88 -3.00	29.48 0.86 -4.14	28.04 0.68 -3.20	27.85 0.75 -2.84	27.50 0.69 -1.39	25.63 0.57 -1.06	25.64 0.82 -0.79
CHERRYST_13_KV_LD 356241	20.87 1.11 0.00	19.30 1.02 0.00	18.75 1.08 0.00	18.63 1.04 0.00	18.33 1.00 0.00	20.08 1.10 0.00	23.42 1.45 0.00	25.72 1.77 -0.31	27.04 1.91 -1.01	28.99 2.28 -0.55	31.84 1.81 -4.87	32.57 1.91 -4.18	33.55 1.88 -4.79	36.56 1.88 -7.38	36.08 2.12 -5.73	39.88 2.30 -6.53	44.93 2.20 -16.55	51.12 2.61 -17.00	49.79 1.89 -23.41	43.92 1.64 -18.11	41.90 1.58 -16.06	34.70 1.40 -7.89	31.44 1.44 -6.01	30.02 1.54 -4.45
CHESTROR_138KV_BK263 355645	20.56 0.79 0.00	18.99 0.71 0.00	18.41 0.74 0.00	18.33 0.74 0.00	18.02 0.69 0.00	19.76 0.78 0.00	22.98 1.01 0.00	25.13 1.21 -0.28	26.34 1.28 -0.94	28.17 1.49 -0.51	30.93 1.26 -4.52	31.69 1.32 -3.88	32.64 1.32 -4.44	35.42 1.28 -6.85	34.96 1.41 -5.32	38.66 1.55 -6.06	43.00 1.47 -15.36	49.07 1.80 -15.77	47.51 1.30 -21.73	42.13 1.16 -16.81	40.31 1.14 -14.90	33.80 1.07 -7.32	30.62 1.06 -5.57	29.29 1.13 -4.13
CH_MIDHUDSON___DRP 24192	20.75 0.99 0.00	19.15 0.88 0.00	18.59 0.92 0.00	18.49 0.90 0.00	18.18 0.85 0.00	19.93 0.95 0.00	23.20 1.23 0.00	25.42 1.47 -0.31	26.68 1.52 -1.04	28.51 1.78 -0.57	31.72 1.56 -5.00	32.37 1.59 -4.29	33.39 1.59 -4.92	36.42 1.56 -7.58	35.80 1.69 -5.88	39.62 1.86 -6.70	44.90 1.73 -16.99	51.07 2.11 -17.45	50.08 1.54 -24.04	44.17 1.40 -18.60	42.11 1.36 -16.49	34.84 1.32 -8.10	31.46 1.30 -6.17	29.97 1.37 -4.57
CH_MISC_IPPS 23765	20.97 1.21 0.00	19.35 1.08 0.00	18.73 1.06 0.00	18.60 1.00 0.00	18.28 0.95 0.00	20.14 1.16 0.00	23.35 1.38 0.00	25.46 1.51 -0.31	26.76 1.62 -1.02	28.63 1.91 -0.56	31.73 1.66 -4.91	32.40 1.70 -4.22	33.41 1.69 -4.83	36.40 1.66 -7.45	35.81 1.81 -5.78	39.62 1.99 -6.58	44.70 1.83 -16.69	50.89 2.24 -17.15	49.75 1.64 -23.62	43.96 1.52 -18.27	41.95 1.48 -16.20	34.80 1.42 -7.96	31.47 1.42 -6.06	29.99 1.47 -4.49
CH_RES_BVR_FALLS 23983	19.31 -0.45 0.00	17.91 -0.37 0.00	17.32 -0.35 0.00	17.26 -0.33 0.00	17.00 -0.33 0.00	18.58 -0.40 0.00	21.53 -0.44 0.00	23.36 -0.28 0.00	23.83 -0.29 0.00	25.80 -0.37 0.00	24.83 -0.33 0.00	26.17 -0.32 0.00	26.56 -0.32 0.00	26.96 -0.33 0.00	27.86 -0.37 0.00	30.65 -0.40 0.00	25.74 -0.45 0.00	30.97 -0.54 0.00	24.05 -0.44 0.00	23.83 -0.34 0.00	23.85 -0.41 0.00	25.01 -0.41 0.00	23.58 -0.41 0.00	23.57 -0.46 0.00

CH_RES_NIAGARA 23895	20.00 0.24 0.00	18.07 -0.20 0.00	17.27 -0.41 0.00	17.22 -0.37 0.00	17.03 -0.29 0.00	18.75 -0.23 0.00	21.73 -0.24 0.00	22.48 -1.20 -0.05	23.14 -1.13 -0.16	25.10 -1.15 -0.09	24.86 -1.06 -0.76	25.97 -1.16 -0.65	26.47 -1.16 -0.74	27.45 -0.98 -1.15	27.90 -1.21 -0.89	30.82 -1.24 -1.01	27.94 -0.81 -2.57	33.10 -1.04 -2.63	27.55 -0.56 -3.63	26.27 -0.70 -2.81	26.05 -0.70 -2.49	25.85 -0.79 -1.22	24.20 -0.72 -0.93	24.31 -0.41 -0.69
CH_RES_SYRACUSE 23985	19.94 0.18 0.00	18.33 0.05 0.00	17.69 0.02 0.00	17.61 0.02 0.00	17.36 0.03 0.00	19.09 0.11 0.00	22.06 0.09 0.00	23.55 -0.12 -0.03	24.14 -0.07 -0.10	26.16 -0.05 -0.05	25.63 0.00 -0.47	26.92 0.03 -0.40	27.37 0.03 -0.46	28.08 0.08 -0.71	28.84 0.06 -0.55	31.83 0.09 -0.68	27.91 0.13 -1.60	33.27 0.09 -1.67	26.87 0.12 -2.25	25.96 0.05 -1.74	25.93 0.12 -1.55	26.33 0.15 -0.76	24.64 0.07 -0.58	24.58 0.12 -0.43
CLINTON_WT_PWR 323605	19.57 -0.20 0.00	18.22 -0.05 0.00	17.74 0.07 0.00	17.70 0.11 0.00	17.45 0.12 0.00	19.09 0.11 0.00	22.21 0.24 0.00	24.21 0.57 0.00	24.58 0.46 0.00	26.48 0.32 0.00	25.51 0.35 0.00	26.89 0.40 0.00	27.34 0.46 0.00	27.75 0.46 0.00	28.59 0.37 0.00	31.52 0.47 0.00	25.87 -0.31 0.00	31.09 -0.41 0.00	24.20 -0.29 0.00	24.19 0.02 0.00	24.12 -0.14 0.00	25.60 0.18 0.00	24.11 0.12 0.00	24.06 0.02 0.00
CLINTON___LFGE 323618	19.74 -0.02 0.00	18.38 0.11 0.00	17.88 0.21 0.00	17.86 0.26 0.00	17.59 0.26 0.00	19.26 0.29 0.00	22.43 0.46 0.00	24.49 0.85 0.00	24.84 0.72 0.00	26.74 0.57 0.00	25.74 0.58 0.00	27.15 0.66 0.00	27.61 0.73 0.00	28.08 0.79 0.00	28.88 0.65 0.00	31.86 0.81 0.00	26.00 -0.18 0.00	31.25 -0.25 0.00	24.34 -0.15 0.00	24.39 0.22 0.00	24.31 0.05 0.00	25.90 0.48 0.00	24.37 0.38 0.00	24.27 0.24 0.00
COBBLENY_34_KV_TB1 80064	20.57 0.81 0.00	18.73 0.46 0.00	17.80 0.12 0.00	17.58 -0.02 0.00	17.52 0.19 0.00	19.49 0.51 0.00	22.01 0.04 0.00	23.41 -0.28 -0.05	24.03 -0.27 -0.18	26.21 -0.05 -0.10	26.00 -0.03 -0.86	27.23 0.00 -0.74	27.73 0.00 -0.85	28.82 0.22 -1.31	29.27 0.03 -1.02	32.27 0.06 -1.16	29.57 0.45 -2.94	34.95 0.44 -3.01	29.15 0.51 -4.14	27.69 0.31 -3.20	27.47 0.36 -2.84	27.09 0.28 -1.40	25.25 0.19 -1.06	25.28 0.46 -0.79
COFFEEN___115KV_TB3 355620	20.57 0.81 0.00	18.89 0.62 0.00	18.15 0.48 0.00	18.05 0.46 0.00	17.83 0.50 0.00	19.70 0.72 0.00	22.63 0.66 0.00	23.88 0.24 0.00	24.21 0.10 0.00	26.48 0.31 0.00	25.36 0.20 0.00	26.88 0.40 0.00	27.29 0.40 0.00	27.78 0.49 0.00	28.68 0.45 0.00	31.79 0.68 -0.06	26.81 0.63 0.00	32.16 0.63 -0.02	25.03 0.54 0.00	24.89 0.73 0.00	25.18 0.92 0.00	26.43 1.02 0.00	24.90 0.91 0.00	24.80 0.77 0.00
COLDSPRG_115KV_BK1 355956	20.79 1.03 0.00	18.93 0.66 0.00	18.01 0.34 0.00	17.82 0.23 0.00	17.76 0.43 0.00	19.76 0.78 0.00	22.43 0.46 0.00	24.01 0.31 -0.06	24.70 0.39 -0.19	26.87 0.60 -0.10	26.64 0.55 -0.92	27.81 0.53 -0.79	28.27 0.48 -0.91	29.40 0.71 -1.40	29.85 0.54 -1.09	32.88 0.59 -1.24	30.21 0.89 -3.14	35.72 1.01 -3.21	29.84 0.93 -4.42	28.34 0.75 -3.42	28.17 0.87 -3.03	27.75 0.84 -1.49	25.75 0.62 -1.13	25.74 0.87 -0.84
COLONIE_LFGE___ 323577	20.75 0.99 0.00	19.13 0.86 0.00	18.50 0.83 0.00	18.42 0.83 0.00	18.14 0.81 0.00	19.97 0.99 0.00	25.36 1.19 -2.20	36.31 1.28 -11.39	41.00 1.35 -15.53	42.16 1.46 -14.53	40.09 1.43 -13.49	39.56 1.48 -11.59	41.70 1.53 -13.28	62.80 1.55 -33.96	49.90 1.61 -20.07	63.02 1.74 -30.23	92.34 1.47 -64.69	77.18 1.70 -43.98	86.40 1.32 -60.59	72.31 1.28 -46.86	67.11 1.28 -41.56	47.17 1.35 -20.40	40.83 1.29 -15.54	36.87 1.32 -11.52
COOPERNY_115KV_TB1 80082	20.38 0.61 0.00	18.82 0.55 0.00	18.22 0.55 0.00	18.14 0.55 0.00	17.85 0.52 0.00	19.57 0.59 0.00	22.72 0.75 0.00	24.75 0.87 -0.23	25.81 0.92 -0.77	27.68 1.10 -0.42	29.82 0.96 -3.71	30.65 0.98 -3.18	31.52 0.99 -3.65	33.89 0.98 -5.62	33.66 1.07 -4.36	37.20 1.18 -4.97	39.91 1.13 -12.60	45.81 1.35 -12.95	43.33 1.00 -17.84	38.83 0.87 -13.80	37.39 0.90 -12.24	32.24 0.81 -6.01	29.38 0.82 -4.58	28.29 0.87 -3.39
COPENHAGEN_WT_PWR 323753	20.30 0.53 0.00	18.60 0.33 0.00	17.95 0.28 0.00	17.87 0.28 0.00	17.64 0.31 0.00	19.40 0.42 0.00	22.38 0.42 0.00	23.69 0.05 0.00	24.12 0.00 0.00	26.30 0.13 0.00	25.19 0.03 0.00	26.67 0.19 0.00	27.07 0.19 0.00	27.56 0.27 0.00	28.45 0.22 0.00	31.51 0.40 -0.06	26.55 0.37 0.00	31.84 0.32 -0.02	24.78 0.29 0.00	24.58 0.41 0.00	24.84 0.58 0.00	26.10 0.69 0.00	24.59 0.60 0.00	24.51 0.48 0.00
CORNELL___ 23752	20.52 0.75 0.00	18.86 0.58 0.00	18.11 0.44 0.00	18.00 0.40 0.00	17.80 0.47 0.00	19.68 0.70 0.00	22.63 0.66 0.00	24.21 0.50 -0.07	24.77 0.41 -0.24	26.82 0.52 -0.13	26.89 0.55 -1.18	28.11 0.61 -1.01	28.69 0.65 -1.16	29.79 0.71 -1.79	30.32 0.71 -1.39	33.43 0.78 -1.61	30.97 0.79 -4.00	36.57 0.95 -4.11	30.97 0.83 -5.64	29.26 0.73 -4.37	28.98 0.85 -3.87	28.23 0.92 -1.90	26.18 0.74 -1.45	25.90 0.79 -1.07
CORONA_AAV_69_KV_TB1 355595	28.43 1.40 -7.26	22.95 1.30 -3.37	20.65 1.31 -1.67	18.92 1.30 -0.02	20.33 1.25 -1.75	21.09 1.37 -0.74	25.75 1.74 -2.04	29.84 2.03 -4.17	31.33 2.15 -5.06	31.76 2.46 -3.14	42.38 2.04 -15.18	45.10 2.15 -16.47	45.13 2.15 -16.10	47.05 2.16 -17.61	36.45 2.46 -5.77	40.39 2.67 -6.67	49.74 2.36 -21.20	51.35 2.74 -17.10	50.23 2.08 -23.66	44.24 1.91 -18.16	42.29 1.92 -16.12	36.13 1.75 -8.96	31.91 1.90 -6.03	33.72 1.92 -7.77
CORTLAND_115KV_TB3 80093	20.30 0.53 0.00	18.68 0.40 0.00	17.95 0.28 0.00	17.86 0.26 0.00	17.64 0.31 0.00	19.47 0.49 0.00	22.41 0.44 0.00	23.98 0.28 -0.06	24.57 0.27 -0.19	26.63 0.37 -0.10	26.47 0.40 -0.91	27.72 0.45 -0.78	28.23 0.46 -0.89	29.15 0.49 -1.38	29.77 0.48 -1.07	32.85 0.56 -1.25	29.81 0.55 -3.08	35.34 0.66 -3.17	29.40 0.56 -4.34	27.99 0.46 -3.36	27.80 0.56 -2.98	27.49 0.61 -1.46	25.61 0.50 -1.11	25.39 0.53 -0.83
COXSACKIE___GT 23611	21.09 1.32 0.00	19.48 1.21 0.00	18.89 1.22 0.00	18.81 1.21 0.00	18.49 1.16 0.00	20.29 1.31 0.00	22.98 1.67 0.66	22.84 1.87 2.67	23.82 1.88 2.18	25.14 1.99 3.01	34.73 1.71 -7.86	34.91 1.67 -6.75	36.25 1.64 -7.73	36.78 1.61 -7.88	37.92 1.69 -8.00	39.85 1.89 -6.90	48.86 1.60 -21.08	61.36 2.11 -27.75	64.43 1.71 -38.23	55.48 1.74 -29.57	52.23 1.75 -26.22	40.15 1.85 -12.87	35.53 1.73 -9.81	33.08 1.78 -7.27
CPV_VALLEY___CC1 323721	20.56 0.79 0.00	18.97 0.69 0.00	18.34 0.67 0.00	18.23 0.63 0.00	17.93 0.61 0.00	19.74 0.76 0.00	22.87 0.90 0.00	24.88 0.97 -0.27	26.06 1.06 -0.88	27.92 1.28 -0.48	30.44 1.06 -4.22	31.23 1.11 -3.63	32.14 1.10 -4.16	34.79 1.09 -6.41	34.39 1.19 -4.97	38.02 1.30 -5.67	41.80 1.26 -14.36	47.77 1.51 -14.75	45.92 1.10 -20.32	40.86 0.97 -15.72	39.15 0.95 -13.94	33.13 0.86 -6.85	30.07 0.86 -5.21	28.83 0.94 -3.86

CPV_VALLEY___CC2 323722	20.56 0.79 0.00	18.97 0.69 0.00	18.34 0.67 0.00	18.23 0.63 0.00	17.93 0.61 0.00	19.74 0.76 0.00	22.87 0.90 0.00	24.88 0.97 -0.27	26.06 1.06 -0.88	27.92 1.28 -0.48	30.44 1.06 -4.22	31.23 1.11 -3.63	32.14 1.10 -4.16	34.79 1.09 -6.41	34.39 1.19 -4.97	38.02 1.30 -5.67	41.80 1.26 -14.36	47.77 1.51 -14.75	45.92 1.10 -20.32	40.86 0.97 -15.72	39.15 0.95 -13.94	33.13 0.86 -6.85	30.07 0.86 -5.21	28.83 0.94 -3.86
CRESCENT___HYD 24018	20.75 0.99 0.00	19.13 0.86 0.00	18.50 0.83 0.00	18.42 0.83 0.00	18.14 0.81 0.00	19.97 0.99 0.00	25.36 1.19 -2.20	36.31 1.28 -11.39	41.00 1.35 -15.53	42.16 1.46 -14.53	40.09 1.43 -13.49	39.56 1.48 -11.59	41.70 1.53 -13.28	62.80 1.55 -33.96	49.90 1.61 -20.07	63.02 1.74 -30.23	92.34 1.47 -64.69	77.18 1.70 -43.98	86.40 1.32 -60.59	72.31 1.28 -46.86	67.11 1.28 -41.56	47.17 1.35 -20.40	40.83 1.29 -15.54	36.87 1.32 -11.52
CRICKET___VALLEY_CC1 323756	20.71 0.95 0.00	19.13 0.86 0.00	18.52 0.85 0.00	18.39 0.79 0.00	18.11 0.78 0.00	19.95 0.97 0.00	23.11 1.14 0.00	25.18 1.21 -0.33	26.47 1.25 -1.09	28.17 1.41 -0.60	31.73 1.31 -5.26	32.35 1.35 -4.52	33.40 1.34 -5.17	36.60 1.34 -7.98	35.89 1.47 -6.19	39.69 1.58 -7.06	45.48 1.41 -17.88	51.61 1.76 -18.34	51.01 1.25 -25.27	44.85 1.14 -19.55	42.69 1.09 -17.34	35.00 1.07 -8.51	31.58 1.10 -6.48	29.99 1.15 -4.81
CRICKET___VALLEY_CC2 323757	20.71 0.95 0.00	19.13 0.86 0.00	18.52 0.85 0.00	18.39 0.79 0.00	18.11 0.78 0.00	19.95 0.97 0.00	23.11 1.14 0.00	25.18 1.21 -0.33	26.47 1.25 -1.09	28.17 1.41 -0.60	31.73 1.31 -5.26	32.35 1.35 -4.52	33.40 1.34 -5.17	36.60 1.34 -7.98	35.89 1.47 -6.19	39.69 1.58 -7.06	45.48 1.41 -17.88	51.61 1.76 -18.34	51.01 1.25 -25.27	44.85 1.14 -19.55	42.69 1.09 -17.34	35.00 1.07 -8.51	31.58 1.10 -6.48	29.99 1.15 -4.81
CRICKET___VALLEY_CC3 323758	20.71 0.95 0.00	19.13 0.86 0.00	18.52 0.85 0.00	18.39 0.79 0.00	18.11 0.78 0.00	19.95 0.97 0.00	23.11 1.14 0.00	25.18 1.21 -0.33	26.47 1.25 -1.09	28.17 1.41 -0.60	31.73 1.31 -5.26	32.35 1.35 -4.52	33.40 1.34 -5.17	36.60 1.34 -7.98	35.89 1.47 -6.19	39.69 1.58 -7.06	45.48 1.41 -17.88	51.61 1.76 -18.34	51.01 1.25 -25.27	44.85 1.14 -19.55	42.69 1.09 -17.34	35.00 1.07 -8.51	31.58 1.10 -6.48	29.99 1.15 -4.81
CRUCIBLE_METL_DRP 24180	20.02 0.26 0.00	18.44 0.16 0.00	17.72 0.05 0.00	17.63 0.04 0.00	17.41 0.09 0.00	19.21 0.23 0.00	22.10 0.13 0.00	23.58 -0.09 -0.03	24.10 -0.12 -0.10	26.16 -0.05 -0.05	25.66 0.03 -0.47	26.92 0.03 -0.41	27.40 0.05 -0.46	28.09 0.08 -0.72	28.84 0.06 -0.55	31.83 0.09 -0.69	27.92 0.13 -1.60	33.27 0.09 -1.67	26.86 0.12 -2.25	25.96 0.05 -1.74	25.92 0.12 -1.54	26.33 0.15 -0.76	24.64 0.07 -0.58	24.58 0.12 -0.43
DAHOWA___HYDRO 323763	21.05 1.28 0.00	19.39 1.11 0.00	18.73 1.06 0.00	18.65 1.06 0.00	18.37 1.04 0.00	20.23 1.25 0.00	24.57 1.47 -1.13	31.54 1.58 -6.31	35.33 1.69 -9.53	36.35 1.88 -8.30	41.24 1.63 -14.44	40.61 1.72 -12.41	42.90 1.80 -14.22	57.99 1.88 -28.82	49.16 1.78 -19.15	58.63 1.99 -25.59	86.69 1.75 -58.76	81.95 2.02 -48.42	92.94 1.74 -66.71	77.59 1.81 -51.60	71.87 1.84 -45.76	49.77 1.88 -22.47	42.84 1.73 -17.12	38.45 1.73 -12.68
DANC___LFGE 323619	20.08 0.32 0.00	18.44 0.16 0.00	17.80 0.12 0.00	17.72 0.12 0.00	17.48 0.16 0.00	19.21 0.23 0.00	22.19 0.22 0.00	23.52 -0.12 0.00	23.97 -0.14 0.00	26.16 0.00 0.00	25.04 -0.13 0.00	26.51 0.03 0.00	26.88 0.00 0.00	27.37 0.08 0.00	28.26 0.03 0.00	31.34 0.22 -0.07	26.34 0.16 0.00	31.59 0.06 -0.03	24.59 0.10 0.00	24.29 0.12 0.00	24.50 0.24 0.00	25.77 0.36 0.00	24.26 0.26 0.00	24.25 0.22 0.00
DANSKAMMER___1 23586	20.97 1.21 0.00	19.35 1.08 0.00	18.73 1.06 0.00	18.60 1.00 0.00	18.28 0.95 0.00	20.14 1.16 0.00	23.35 1.38 0.00	25.46 1.51 -0.31	26.76 1.62 -1.02	28.63 1.91 -0.56	31.73 1.66 -4.91	32.40 1.70 -4.22	33.41 1.69 -4.83	36.40 1.66 -7.45	35.81 1.81 -5.78	39.62 1.99 -6.58	44.70 1.83 -16.69	50.89 2.24 -17.15	49.75 1.64 -23.62	43.96 1.52 -18.27	41.95 1.48 -16.20	34.80 1.42 -7.96	31.47 1.42 -6.06	29.99 1.47 -4.49
DANSKAMMER___2 23589	20.97 1.21 0.00	19.35 1.08 0.00	18.73 1.06 0.00	18.60 1.00 0.00	18.28 0.95 0.00	20.14 1.16 0.00	23.35 1.38 0.00	25.46 1.51 -0.31	26.76 1.62 -1.02	28.63 1.91 -0.56	31.73 1.66 -4.91	32.40 1.70 -4.22	33.41 1.69 -4.83	36.40 1.66 -7.45	35.81 1.81 -5.78	39.62 1.99 -6.58	44.70 1.83 -16.69	50.89 2.24 -17.15	49.75 1.64 -23.62	43.96 1.52 -18.27	41.95 1.48 -16.20	34.80 1.42 -7.96	31.47 1.42 -6.06	29.99 1.47 -4.49
DANSKAMMER___3 23590	20.97 1.21 0.00	19.35 1.08 0.00	18.73 1.06 0.00	18.60 1.00 0.00	18.28 0.95 0.00	20.14 1.16 0.00	23.35 1.38 0.00	25.46 1.51 -0.31	26.76 1.62 -1.02	28.63 1.91 -0.56	31.73 1.66 -4.91	32.40 1.70 -4.22	33.41 1.69 -4.83	36.40 1.66 -7.45	35.81 1.81 -5.78	39.62 1.99 -6.58	44.70 1.83 -16.69	50.89 2.24 -17.15	49.75 1.64 -23.62	43.96 1.52 -18.27	41.95 1.48 -16.20	34.80 1.42 -7.96	31.47 1.42 -6.06	29.99 1.47 -4.49
DANSKAMMER___4 23591	20.97 1.21 0.00	19.35 1.08 0.00	18.73 1.06 0.00	18.60 1.00 0.00	18.28 0.95 0.00	20.14 1.16 0.00	23.35 1.38 0.00	25.46 1.51 -0.31	26.76 1.62 -1.02	28.63 1.91 -0.56	31.73 1.66 -4.91	32.40 1.70 -4.22	33.41 1.69 -4.83	36.40 1.66 -7.45	35.81 1.81 -5.78	39.62 1.99 -6.58	44.70 1.83 -16.69	50.89 2.24 -17.15	49.75 1.64 -23.62	43.96 1.52 -18.27	41.95 1.48 -16.20	34.80 1.42 -7.96	31.47 1.42 -6.06	29.99 1.47 -4.49
DANSKAMMER___DIESEL 23592	20.83 1.07 0.00	19.22 0.95 0.00	18.66 0.99 0.00	18.56 0.97 0.00	18.23 0.90 0.00	19.98 1.01 0.00	23.29 1.32 0.00	25.49 1.54 -0.31	26.76 1.62 -1.02	28.63 1.91 -0.56	31.73 1.66 -4.91	32.40 1.70 -4.22	33.41 1.69 -4.83	36.40 1.66 -7.45	35.81 1.81 -5.78	39.62 1.99 -6.59	44.71 1.83 -16.69	50.89 2.24 -17.15	49.75 1.64 -23.62	43.96 1.52 -18.27	41.95 1.48 -16.20	34.80 1.42 -7.96	31.47 1.42 -6.06	29.99 1.47 -4.49
DARBY___SOLAR 323810	20.99 1.23 0.00	19.33 1.06 0.00	18.70 1.02 0.00	18.60 1.00 0.00	18.31 0.99 0.00	20.19 1.22 0.00	24.66 1.43 -1.27	32.16 1.54 -6.98	36.08 1.64 -10.32	37.08 1.80 -9.12	41.11 1.61 -14.34	40.50 1.70 -12.31	42.74 1.75 -14.11	58.64 1.83 -29.53	49.27 1.75 -19.29	59.23 1.96 -26.22	87.51 1.73 -59.60	81.40 1.99 -47.91	92.15 1.67 -66.00	76.94 1.72 -51.05	71.28 1.75 -45.27	49.42 1.78 -22.23	42.58 1.65 -16.93	38.24 1.66 -12.55
DASHVILLE___HYD 23610	20.61 0.85 0.00	19.04 0.77 0.00	18.41 0.74 0.00	18.33 0.74 0.00	18.00 0.68 0.00	19.76 0.78 0.00	23.01 1.21 0.17	24.62 1.44 0.47	25.79 1.50 -0.17	27.59 1.81 0.38	31.84 1.11 -5.58	32.42 1.14 -4.79	33.50 1.13 -5.49	35.77 1.06 -7.42	35.65 1.19 -6.24	38.93 1.34 -6.54	44.94 1.26 -17.50	52.55 1.48 -19.56	52.49 1.05 -26.95	45.95 0.94 -20.84	43.67 0.92 -18.48	35.33 0.84 -9.08	31.75 0.84 -6.91	30.04 0.89 -5.12

DEERFIELD_69_KV_DEERFIELD LD 355887	29.58 2.55 -7.27	23.98 2.32 -3.38	21.84 2.49 -1.68	20.08 2.46 -0.03	21.51 2.43 -1.76	22.19 2.47 -0.75	27.22 3.21 -2.05	31.60 3.78 -4.17	38.40 4.00 -10.28	38.72 4.19 -8.37	44.13 3.77 -15.20	46.95 3.97 -16.49	46.91 3.92 -16.10	57.90 4.01 -26.60	49.46 4.29 -16.94	58.16 4.69 -22.42	63.67 4.24 -33.25	64.54 5.23 -27.81	74.77 4.07 -46.22	59.56 3.89 -31.50	59.14 3.83 -31.05	58.28 3.74 -29.12	40.36 3.86 -12.51	35.73 3.92 -7.78
DELAWARE___LFGE 323621	20.57 0.81 0.00	18.95 0.68 0.00	18.31 0.64 0.00	18.24 0.65 0.00	17.95 0.62 0.00	19.76 0.78 0.00	22.89 0.92 0.00	24.81 0.95 -0.22	25.82 0.96 -0.74	27.72 1.15 -0.40	29.76 1.06 -3.54	30.67 1.14 -3.04	31.53 1.16 -3.49	33.81 1.15 -5.38	33.61 1.21 -4.17	37.12 1.30 -4.77	39.41 1.18 -12.05	45.19 1.39 -12.30	42.50 1.08 -16.94	38.26 0.99 -13.10	36.99 1.12 -11.62	32.21 1.09 -5.70	29.37 1.03 -4.34	28.31 1.06 -3.22
DERFIELD_115KV_TB7 355931	19.86 0.10 0.00	18.35 0.07 0.00	17.72 0.05 0.00	17.65 0.05 0.00	17.38 0.05 0.00	19.05 0.08 0.00	22.06 0.09 0.00	23.69 0.05 0.00	24.17 0.05 0.00	26.27 0.10 0.00	25.26 0.10 0.00	26.59 0.11 0.00	26.99 0.11 0.00	27.40 0.11 0.00	28.34 0.11 0.00	31.17 0.12 0.00	26.31 0.13 0.00	31.63 0.13 0.00	24.59 0.10 0.00	24.24 0.07 0.00	24.36 0.10 0.00	25.49 0.08 0.00	24.06 0.07 0.00	24.13 0.10 0.00
DOGLEVILLE___HYD 23807	19.39 -0.38 0.00	17.78 -0.49 0.00	17.20 -0.48 0.00	17.10 -0.49 0.00	16.86 -0.47 0.00	18.49 -0.49 0.00	21.44 -0.53 0.00	23.03 -0.61 0.00	23.66 -0.46 0.00	25.72 -0.44 0.00	24.78 -0.38 0.00	26.12 -0.37 0.00	26.53 -0.35 0.00	26.93 -0.36 0.00	27.86 -0.37 0.00	30.62 -0.43 0.00	25.89 -0.29 0.00	30.97 -0.54 0.00	24.07 -0.42 0.00	23.73 -0.43 0.00	23.83 -0.44 0.00	24.93 -0.48 0.00	23.54 -0.46 0.00	23.60 -0.43 0.00
DUNKIRK___115KV_TB_200 55889	20.71 0.95 0.00	18.86 0.58 0.00	17.95 0.28 0.00	17.75 0.16 0.00	17.69 0.36 0.00	19.68 0.70 0.00	22.32 0.35 0.00	23.79 0.09 -0.05	24.49 0.19 -0.18	26.65 0.39 -0.10	26.42 0.40 -0.86	27.62 0.40 -0.74	28.10 0.38 -0.85	29.19 0.60 -1.30	29.66 0.42 -1.01	32.70 0.50 -1.15	29.84 0.73 -2.93	35.32 0.82 -2.99	29.42 0.81 -4.12	27.99 0.63 -3.19	27.79 0.70 -2.83	27.47 0.66 -1.39	25.58 0.53 -1.06	25.58 0.77 -0.78
DUNKIRK___1 23563	20.71 0.95 0.00	18.86 0.58 0.00	17.95 0.28 0.00	17.75 0.16 0.00	17.69 0.36 0.00	19.68 0.70 0.00	22.32 0.35 0.00	23.79 0.09 -0.05	24.49 0.19 -0.18	26.65 0.39 -0.10	26.42 0.40 -0.86	27.62 0.40 -0.74	28.10 0.38 -0.85	29.19 0.60 -1.30	29.66 0.42 -1.01	32.70 0.50 -1.15	29.84 0.73 -2.93	35.32 0.82 -2.99	29.42 0.81 -4.12	27.99 0.63 -3.19	27.79 0.70 -2.83	27.47 0.66 -1.39	25.58 0.53 -1.06	25.58 0.77 -0.78
DUNKIRK___2 23564	20.71 0.95 0.00	18.86 0.58 0.00	17.95 0.28 0.00	17.75 0.16 0.00	17.69 0.36 0.00	19.68 0.70 0.00	22.32 0.35 0.00	23.79 0.09 -0.05	24.49 0.19 -0.18	26.65 0.39 -0.10	26.42 0.40 -0.86	27.62 0.40 -0.74	28.10 0.38 -0.85	29.19 0.60 -1.30	29.66 0.42 -1.01	32.70 0.50 -1.15	29.84 0.73 -2.93	35.32 0.82 -2.99	29.42 0.81 -4.12	27.99 0.63 -3.19	27.79 0.70 -2.83	27.47 0.66 -1.39	25.58 0.53 -1.06	25.58 0.77 -0.78
DUNKIRK___3 23565	20.59 0.83 0.00	18.75 0.48 0.00	17.85 0.18 0.00	17.65 0.05 0.00	17.59 0.26 0.00	19.55 0.57 0.00	22.14 0.18 0.00	23.58 -0.12 -0.05	24.27 -0.02 -0.18	26.42 0.16 -0.10	26.17 0.15 -0.86	27.38 0.16 -0.73	27.86 0.13 -0.84	28.94 0.35 -1.30	29.40 0.17 -1.01	32.41 0.22 -1.15	29.59 0.50 -2.91	35.02 0.54 -2.98	29.21 0.61 -4.11	27.78 0.44 -3.18	27.56 0.49 -2.82	27.23 0.43 -1.38	25.38 0.34 -1.05	25.39 0.58 -0.78
DUNKIRK___4 23566	20.59 0.83 0.00	18.75 0.48 0.00	17.85 0.18 0.00	17.65 0.05 0.00	17.59 0.26 0.00	19.55 0.57 0.00	22.14 0.18 0.00	23.58 -0.12 -0.05	24.27 -0.02 -0.18	26.42 0.16 -0.10	26.17 0.15 -0.86	27.38 0.16 -0.73	27.86 0.13 -0.84	28.94 0.35 -1.30	29.40 0.17 -1.01	32.41 0.22 -1.15	29.59 0.50 -2.91	35.02 0.54 -2.98	29.21 0.61 -4.11	27.78 0.44 -3.18	27.56 0.49 -2.82	27.23 0.43 -1.38	25.38 0.34 -1.05	25.39 0.58 -0.78
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	20.79 1.03 0.00	19.21 0.93 0.00	18.64 0.97 0.00	18.54 0.95 0.00	18.25 0.92 0.00	19.98 1.01 0.00	23.29 1.32 0.00	25.55 1.61 -0.31	26.84 1.71 -1.01	28.70 1.99 -0.55	31.69 1.66 -4.87	32.42 1.75 -4.18	33.42 1.75 -4.79	36.42 1.75 -7.38	35.88 1.92 -5.73	39.69 2.11 -6.53	44.72 1.99 -16.55	50.89 2.39 -17.00	49.64 1.74 -23.41	43.83 1.55 -18.11	41.83 1.50 -16.06	34.68 1.37 -7.89	31.37 1.37 -6.01	29.93 1.44 -4.45
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	20.67 0.91 0.00	19.08 0.80 0.00	18.50 0.83 0.00	18.40 0.81 0.00	18.09 0.76 0.00	19.85 0.87 0.00	23.11 1.14 0.00	25.29 1.35 -0.30	26.53 1.42 -0.99	28.38 1.67 -0.54	31.34 1.41 -4.77	32.04 1.46 -4.10	33.03 1.45 -4.69	35.94 1.42 -7.23	35.39 1.55 -5.61	39.15 1.71 -6.40	43.99 1.60 -16.21	50.12 1.95 -16.66	48.86 1.42 -22.95	43.23 1.31 -17.75	41.27 1.26 -15.74	34.34 1.19 -7.73	31.08 1.20 -5.89	29.64 1.25 -4.36
E179THST_138_KV_TB4_REV_LBMP_J 345001	20.98 1.21 -0.01	19.40 1.11 -0.01	18.83 1.15 -0.01	18.71 1.11 -0.01	18.41 1.07 -0.01	20.06 1.08 0.00	23.24 1.27 0.00	25.51 1.56 -0.31	26.82 1.69 -1.01	28.76 2.04 -0.55	31.61 1.59 -4.87	32.34 1.67 -4.18	33.37 1.69 -4.79	36.36 1.69 -7.38	35.88 1.92 -5.73	39.69 2.11 -6.53	44.77 2.04 -16.55	50.93 2.43 -17.00	49.62 1.71 -23.41	43.75 1.47 -18.11	41.71 1.38 -16.06	34.47 1.17 -7.89	31.37 1.37 -6.01	30.14 1.66 -4.45
E179THST_13_KV_LOAD 356214	21.08 1.30 -0.01	19.47 1.19 -0.01	18.92 1.24 -0.01	18.80 1.20 -0.01	18.50 1.16 -0.01	20.16 1.18 0.00	23.35 1.38 0.00	25.63 1.68 -0.31	26.94 1.81 -1.01	28.89 2.17 -0.55	31.74 1.71 -4.87	32.50 1.83 -4.18	33.50 1.83 -4.79	36.50 1.83 -7.38	36.05 2.09 -5.73	39.85 2.27 -6.53	44.93 2.20 -16.55	51.15 2.65 -17.00	49.79 1.89 -23.41	43.90 1.62 -18.11	41.85 1.53 -16.06	34.60 1.30 -7.89	31.49 1.49 -6.01	30.26 1.78 -4.45
EAST HAMPTON___GT 23717	30.06 3.02 -7.27	24.67 3.01 -3.38	22.39 3.04 -1.68	20.46 2.83 -0.03	21.81 2.72 -1.76	22.94 3.21 -0.75	27.73 3.71 -2.05	31.93 4.11 -4.17	38.45 4.05 -10.28	39.16 4.63 -8.37	44.58 4.23 -15.20	47.45 4.48 -16.49	47.39 4.41 -16.10	58.39 4.50 -26.60	49.97 4.80 -16.94	58.73 5.25 -22.43	64.17 4.74 -33.25	65.14 5.83 -27.81	75.27 4.55 -46.22	60.07 4.40 -31.50	59.80 4.49 -31.05	58.99 4.45 -29.13	40.87 4.37 -12.51	36.24 4.42 -7.78
EAST RIVER___6 23660	21.13 1.36 0.00	19.48 1.21 0.00	18.86 1.18 0.00	18.70 1.11 0.00	18.42 1.09 0.00	20.27 1.29 0.00	23.53 1.56 0.00	25.67 1.72 -0.31	26.99 1.86 -1.01	28.94 2.22 -0.55	31.79 1.76 -4.87	32.52 1.85 -4.18	33.52 1.85 -4.79	36.53 1.86 -7.38	36.05 2.09 -5.73	39.84 2.27 -6.53	44.93 2.20 -16.55	51.12 2.61 -17.00	49.79 1.89 -23.42	43.93 1.64 -18.11	41.92 1.60 -16.06	34.70 1.40 -7.89	31.46 1.46 -6.01	30.04 1.56 -4.45

EAST RIVER___7 23524	21.13 1.36 0.00	19.48 1.21 0.00	18.86 1.18 0.00	18.70 1.11 0.00	18.42 1.09 0.00	20.27 1.29 0.00	23.53 1.56 0.00	25.67 1.72 -0.31	26.99 1.86 -1.01	28.94 2.22 -0.55	31.79 1.76 -4.87	32.52 1.85 -4.18	33.52 1.85 -4.79	36.53 1.86 -7.38	36.05 2.09 -5.73	39.84 2.27 -6.53	44.93 2.20 -16.55	51.12 2.61 -17.00	49.79 1.89 -23.42	43.93 1.64 -18.11	41.92 1.60 -16.06	34.70 1.40 -7.89	31.46 1.46 -6.01	30.04 1.56 -4.45
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	20.75 0.99 0.00	19.19 0.91 0.00	18.63 0.95 0.00	18.51 0.91 0.00	18.21 0.88 0.00	19.95 0.97 0.00	23.24 1.27 0.00	25.51 1.56 -0.31	26.77 1.64 -1.01	28.65 1.94 -0.55	31.63 1.61 -4.86	32.35 1.70 -4.17	33.36 1.69 -4.78	36.35 1.69 -7.37	35.81 1.86 -5.72	39.58 2.02 -6.52	44.61 1.91 -16.52	50.80 2.33 -16.96	49.52 1.67 -23.36	43.74 1.50 -18.07	41.72 1.43 -16.03	34.61 1.32 -7.87	31.31 1.32 -5.99	29.89 1.42 -4.44
EAST_HAMPTON___DIESEL 23722	30.08 3.04 -7.27	24.67 3.01 -3.38	22.39 3.04 -1.68	20.46 2.83 -0.03	21.81 2.72 -1.76	22.94 3.21 -0.75	27.75 3.73 -2.05	31.95 4.14 -4.17	38.47 4.08 -10.28	39.19 4.66 -8.37	44.61 4.25 -15.20	47.45 4.48 -16.49	47.42 4.43 -16.10	58.42 4.53 -26.60	49.99 4.83 -16.94	58.76 5.28 -22.43	64.20 4.77 -33.25	65.18 5.86 -27.81	75.29 4.58 -46.22	60.10 4.42 -31.50	59.80 4.49 -31.05	58.99 4.45 -29.13	40.89 4.39 -12.51	36.24 4.42 -7.78
EAST_PULASKI___ESR 323781	20.06 0.30 0.00	18.46 0.18 0.00	17.76 0.09 0.00	17.66 0.07 0.00	17.45 0.12 0.00	19.23 0.25 0.00	22.12 0.15 0.00	23.50 -0.14 0.00	23.90 -0.22 0.00	26.16 0.00 0.00	25.03 -0.13 0.00	26.46 -0.03 0.00	26.86 -0.03 0.00	27.32 0.03 0.00	28.23 0.00 0.00	31.29 0.16 -0.09	26.29 0.10 0.00	31.50 -0.03 -0.03	24.51 0.02 0.00	24.00 -0.17 0.00	24.19 -0.07 0.00	25.42 0.00 0.00	23.94 -0.05 0.00	23.98 -0.05 0.00
EAST_RIVER___1 323558	21.03 1.27 0.00	19.41 1.13 0.00	18.77 1.10 0.00	18.61 1.02 0.00	18.33 1.00 0.00	20.19 1.22 0.00	23.42 1.45 0.00	25.60 1.65 -0.31	26.94 1.81 -1.01	28.86 2.15 -0.55	31.74 1.71 -4.87	32.47 1.80 -4.18	33.45 1.77 -4.79	36.44 1.77 -7.38	35.93 1.98 -5.73	39.72 2.14 -6.53	44.80 2.07 -16.55	50.99 2.49 -17.00	49.69 1.79 -23.42	43.83 1.55 -18.11	41.80 1.48 -16.06	34.62 1.32 -7.89	31.37 1.37 -6.01	29.95 1.47 -4.45
EAST_RIVER___2 323559	21.13 1.36 0.00	19.48 1.21 0.00	18.86 1.18 0.00	18.70 1.11 0.00	18.42 1.09 0.00	20.27 1.29 0.00	23.53 1.56 0.00	25.67 1.72 -0.31	26.99 1.86 -1.01	28.94 2.22 -0.55	31.79 1.76 -4.87	32.52 1.85 -4.18	33.52 1.85 -4.79	36.53 1.86 -7.38	36.05 2.09 -5.73	39.84 2.27 -6.53	44.93 2.20 -16.55	51.12 2.61 -17.00	49.79 1.89 -23.42	43.93 1.64 -18.11	41.92 1.60 -16.06	34.70 1.40 -7.89	31.46 1.46 -6.01	30.04 1.56 -4.45
EAST___DELAWARE_HYD 23607	20.38 0.61 0.00	18.90 0.62 0.00	18.27 0.60 0.00	18.14 0.55 0.00	17.85 0.52 0.00	19.64 0.66 0.00	22.80 0.83 0.00	24.81 0.88 -0.29	25.92 0.84 -0.96	27.70 1.02 -0.52	30.56 0.80 -4.60	31.26 0.82 -3.95	32.21 0.81 -4.52	35.03 0.76 -6.98	33.76 0.11 -5.41	37.38 0.16 -6.17	42.32 0.50 -15.64	48.54 0.94 -16.09	47.32 0.66 -22.17	41.88 0.56 -17.15	40.59 1.12 -15.21	33.93 1.04 -7.47	30.71 1.03 -5.69	29.30 1.06 -4.22
EIGHT_POINT___WT_PWR 323820	20.79 1.03 0.00	18.84 0.57 0.00	18.13 0.46 0.00	18.09 0.49 0.00	17.81 0.48 0.00	19.76 0.78 0.00	22.91 0.94 0.00	24.01 0.31 -0.07	24.77 0.43 -0.22	26.81 0.52 -0.12	26.74 0.53 -1.05	28.02 0.63 -0.90	28.56 0.64 -1.03	29.69 0.82 -1.59	30.14 0.68 -1.23	33.24 0.78 -1.42	30.66 0.92 -3.56	36.23 1.07 -3.66	30.52 1.00 -5.03	28.90 0.85 -3.89	28.66 0.95 -3.45	28.10 0.99 -1.69	26.14 0.86 -1.29	26.00 1.01 -0.96
ELBRIDGE_115KV_TB2 80188	19.92 0.16 0.00	18.35 0.07 0.00	17.69 0.02 0.00	17.59 0.00 0.00	17.38 0.05 0.00	19.13 0.15 0.00	22.06 0.09 0.00	23.53 -0.14 -0.03	24.05 -0.17 -0.10	26.06 -0.16 -0.06	25.57 -0.10 -0.51	26.84 -0.08 -0.43	27.30 -0.08 -0.50	28.03 -0.03 -0.77	28.77 -0.06 -0.59	31.72 -0.06 -0.73	27.90 0.00 -1.72	33.32 0.03 -1.79	26.98 0.07 -2.41	26.04 0.00 -1.87	25.96 0.05 -1.66	26.33 0.10 -0.81	24.64 0.02 -0.62	24.54 0.05 -0.46
ELEC_TRO_TEK 24086	28.31 1.28 -7.26	22.84 1.19 -3.38	20.60 1.25 -1.67	18.85 1.23 -0.02	20.27 1.20 -1.75	20.99 1.27 -0.74	25.68 1.67 -2.04	29.80 1.99 -4.17	31.27 2.07 -5.08	31.62 2.30 -3.15	42.31 1.96 -15.18	45.00 2.04 -16.47	45.03 2.04 -16.10	46.94 2.02 -17.63	36.34 2.31 -5.79	40.27 2.52 -6.70	49.69 2.28 -21.23	51.29 2.68 -17.10	50.24 2.03 -23.71	44.22 1.86 -18.19	42.28 1.87 -16.15	36.10 1.68 -9.01	31.86 1.82 -6.04	33.63 1.83 -7.77
ELLENBURG_WT_PWR 323604	19.57 -0.20 0.00	18.22 -0.05 0.00	17.74 0.07 0.00	17.70 0.11 0.00	17.45 0.12 0.00	19.09 0.11 0.00	22.21 0.24 0.00	24.21 0.57 0.00	24.58 0.46 0.00	26.48 0.32 0.00	25.51 0.35 0.00	26.89 0.40 0.00	27.34 0.46 0.00	27.75 0.46 0.00	28.59 0.37 0.00	31.52 0.47 0.00	25.87 -0.31 0.00	31.09 -0.41 0.00	24.20 -0.29 0.00	24.19 0.02 0.00	24.12 -0.14 0.00	25.60 0.18 0.00	24.11 0.12 0.00	24.06 0.02 0.00
ELM_ST_23_KV_LD_REV_LBMP_A 345012	20.44 0.67 0.00	18.60 0.33 0.00	17.67 0.00 0.00	17.47 -0.12 0.00	17.43 0.10 0.00	19.38 0.40 0.00	21.88 -0.09 0.00	23.22 -0.47 -0.05	23.83 -0.46 -0.17	25.94 -0.31 -0.09	25.72 -0.25 -0.81	26.92 -0.26 -0.69	27.41 -0.27 -0.79	28.43 -0.08 -1.23	28.90 -0.28 -0.95	31.88 -0.25 -1.08	29.06 0.13 -2.75	34.38 0.06 -2.81	28.63 0.27 -3.88	27.26 0.10 -3.00	27.04 0.12 -2.66	26.77 0.05 -1.30	24.99 0.00 -0.99	25.06 0.29 -0.74
EMPIRE_CC_1 323656	20.50 0.73 0.00	18.91 0.64 0.00	18.31 0.64 0.00	18.21 0.62 0.00	17.93 0.61 0.00	19.72 0.74 0.00	21.29 0.83 1.52	17.73 0.90 6.81	17.73 0.89 7.28	18.99 0.97 8.14	33.29 1.06 -7.07	33.67 1.11 -6.07	34.93 1.10 -6.95	29.83 1.09 -1.45	34.83 1.16 -5.45	33.43 1.24 -1.14	38.25 0.97 -11.10	57.53 1.17 -24.85	59.56 0.83 -34.24	51.45 0.80 -26.49	48.55 0.80 -23.49	37.89 0.94 -11.53	33.71 0.93 -8.78	31.62 1.08 -6.51
EMPIRE_CC_2 323658	20.50 0.73 0.00	18.91 0.64 0.00	18.31 0.64 0.00	18.21 0.62 0.00	17.93 0.61 0.00	19.72 0.74 0.00	21.29 0.83 1.52	17.73 0.90 6.81	17.73 0.89 7.28	18.99 0.97 8.14	33.29 1.06 -7.07	33.67 1.11 -6.07	34.93 1.10 -6.95	29.83 1.09 -1.45	34.83 1.16 -5.45	33.43 1.24 -1.14	38.25 0.97 -11.10	57.53 1.17 -24.85	59.56 0.83 -34.24	51.45 0.80 -26.49	48.55 0.80 -23.49	37.89 0.94 -11.53	33.71 0.93 -8.78	31.62 1.08 -6.51
ENORWICH_115KV_TB1 80156	21.52 1.76 0.00	19.72 1.44 0.00	18.86 1.18 0.00	18.75 1.16 0.00	18.56 1.23 0.00	20.63 1.65 0.00	23.66 1.69 0.00	25.26 1.49 -0.13	25.91 1.37 -0.41	28.06 1.67 -0.23	28.81 1.66 -1.99	30.02 1.83 -1.71	30.80 1.96 -1.96	32.41 2.10 -3.02	32.66 2.09 -2.34	36.10 2.36 -2.69	35.02 2.07 -6.77	40.89 2.46 -6.93	36.12 2.11 -9.53	33.59 2.05 -7.37	33.08 2.28 -6.53	30.99 2.36 -3.21	28.55 2.11 -2.44	27.96 2.11 -1.81

ERIE_ST__34_KV_TB1-2 80199	20.56 0.79 0.00	18.71 0.44 0.00	17.78 0.11 0.00	17.58 -0.02 0.00	17.52 0.19 0.00	19.47 0.49 0.00	22.01 0.04 0.00	23.41 -0.28 -0.05	24.05 -0.24 -0.18	26.21 -0.05 -0.10	25.98 -0.03 -0.84	27.21 0.00 -0.72	27.71 0.00 -0.83	28.81 0.25 -1.28	29.27 0.06 -0.99	32.24 0.06 -1.13	29.52 0.47 -2.87	34.91 0.47 -2.93	29.07 0.54 -4.04	27.63 0.34 -3.12	27.40 0.36 -2.77	27.03 0.25 -1.36	25.20 0.17 -1.04	25.23 0.43 -0.77
ERIE_WT_PWR 323693	20.52 0.75 0.00	18.55 0.27 0.00	17.83 0.16 0.00	17.77 0.18 0.00	17.47 0.14 0.00	19.38 0.40 0.00	22.45 0.48 0.00	23.31 -0.38 -0.05	24.07 -0.22 -0.17	26.13 -0.13 -0.09	25.89 -0.10 -0.83	27.09 -0.11 -0.71	27.59 -0.11 -0.82	28.66 0.11 -1.26	29.12 -0.08 -0.98	32.10 -0.06 -1.11	29.32 0.32 -2.82	34.68 0.28 -2.89	28.89 0.42 -3.98	27.49 0.24 -3.08	27.26 0.27 -2.73	26.94 0.18 -1.34	25.14 0.12 -1.02	25.20 0.41 -0.76
ESPRGFLD_115KV_TB1 80157	21.39 1.62 0.00	19.66 1.39 0.00	18.96 1.29 0.00	18.89 1.30 0.00	18.63 1.30 0.00	20.54 1.56 0.00	23.81 1.85 0.00	26.17 1.89 -0.64	28.16 1.93 -2.11	29.43 2.12 -1.15	37.26 1.96 -10.14	37.31 2.12 -8.71	39.06 2.20 -9.97	44.93 2.26 -15.38	42.48 2.31 -11.94	47.13 2.48 -13.60	62.85 2.20 -34.47	69.03 2.68 -34.84	74.69 2.20 -48.00	63.40 2.10 -37.13	59.47 2.28 -32.93	43.90 2.31 -16.17	38.42 2.11 -12.31	35.25 2.09 -9.13
ETNA_115_KV_TB1_REV_LBMP_C 345029	20.48 0.71 0.00	18.82 0.55 0.00	18.10 0.42 0.00	17.98 0.39 0.00	17.78 0.45 0.00	19.64 0.66 0.00	22.61 0.64 0.00	24.16 0.45 -0.07	24.75 0.39 -0.24	26.79 0.50 -0.13	26.84 0.50 -1.18	28.08 0.58 -1.01	28.63 0.59 -1.16	29.73 0.65 -1.79	30.26 0.65 -1.38	33.40 0.75 -1.61	30.91 0.73 -4.00	36.50 0.88 -4.11	30.91 0.78 -5.64	29.21 0.68 -4.36	28.93 0.80 -3.87	28.18 0.86 -1.90	26.16 0.72 -1.45	25.85 0.74 -1.07
ETNA____115KV_TB2 80207	20.48 0.71 0.00	18.82 0.55 0.00	18.10 0.42 0.00	17.98 0.39 0.00	17.78 0.45 0.00	19.64 0.66 0.00	22.61 0.64 0.00	24.16 0.45 -0.07	24.75 0.39 -0.24	26.79 0.50 -0.13	26.84 0.50 -1.18	28.08 0.58 -1.01	28.63 0.59 -1.16	29.73 0.65 -1.79	30.26 0.65 -1.38	33.40 0.75 -1.61	30.91 0.73 -4.00	36.50 0.88 -4.11	30.91 0.78 -5.64	29.21 0.68 -4.36	28.93 0.80 -3.87	28.18 0.86 -1.90	26.16 0.72 -1.45	25.85 0.74 -1.07
EUCLID____115KV_TB2 356179	19.80 0.04 0.00	18.24 -0.04 0.00	17.55 -0.12 0.00	17.45 -0.14 0.00	17.24 -0.09 0.00	18.98 0.00 0.00	21.86 -0.11 0.00	23.29 -0.35 0.00	23.73 -0.39 0.00	25.82 -0.34 0.00	24.88 -0.28 0.00	26.20 -0.29 0.00	26.59 -0.30 0.00	27.02 -0.27 0.00	27.92 -0.31 0.00	30.73 -0.34 -0.02	25.95 -0.24 0.00	31.24 -0.28 -0.01	24.32 -0.17 0.00	23.93 -0.24 0.00	24.07 -0.19 0.00	25.24 -0.18 0.00	23.78 -0.22 0.00	23.84 -0.19 0.00
E_CANADA_CAP_HY 24051	21.84 2.07 0.00	20.10 1.83 0.00	19.40 1.73 0.00	19.32 1.73 0.00	19.04 1.72 0.00	21.03 2.05 0.00	24.36 2.39 0.00	26.86 2.44 -0.79	29.21 2.48 -2.60	30.25 2.67 -1.42	40.08 2.42 -12.51	39.85 2.62 -10.74	41.93 2.74 -12.31	49.08 2.81 -18.98	45.84 2.88 -14.73	50.87 3.04 -16.78	71.44 2.72 -42.53	77.83 3.37 -42.95	86.43 2.77 -59.18	72.62 2.68 -45.77	67.72 2.86 -40.59	48.34 3.00 -19.93	41.91 2.73 -15.18	37.97 2.69 -11.25
E_CANADA_MHWK_HY 24050	19.39 -0.38 0.00	17.78 -0.49 0.00	17.20 -0.48 0.00	17.10 -0.49 0.00	16.86 -0.47 0.00	18.49 -0.49 0.00	21.44 -0.53 0.00	23.03 -0.61 0.00	23.66 -0.46 0.00	25.72 -0.44 0.00	24.78 -0.38 0.00	26.12 -0.37 0.00	26.53 -0.35 0.00	26.93 -0.36 0.00	27.86 -0.37 0.00	30.62 -0.43 0.00	25.89 -0.29 0.00	30.97 -0.54 0.00	24.07 -0.42 0.00	23.73 -0.43 0.00	23.83 -0.44 0.00	24.93 -0.48 0.00	23.54 -0.46 0.00	23.60 -0.43 0.00
E_FISHKILL____LBMP 23776	20.65 0.89 0.00	19.08 0.80 0.00	18.52 0.85 0.00	18.42 0.83 0.00	18.12 0.80 0.00	19.85 0.87 0.00	23.11 1.14 0.00	25.35 1.39 -0.31	26.60 1.45 -1.03	28.40 1.67 -0.56	31.56 1.43 -4.96	32.26 1.51 -4.26	33.27 1.51 -4.88	36.32 1.50 -7.53	35.71 1.64 -5.84	39.48 1.77 -6.66	44.71 1.65 -16.88	50.86 2.02 -17.33	49.81 1.44 -23.88	43.95 1.31 -18.47	41.90 1.26 -16.38	34.65 1.19 -8.04	31.32 1.20 -6.13	29.85 1.27 -4.54
FALCON____SEABRD_CC1 323796	19.76 0.00 0.00	18.42 0.15 0.00	17.92 0.25 0.00	17.89 0.30 0.00	17.62 0.29 0.00	19.30 0.32 0.00	22.47 0.51 0.00	24.52 0.88 0.00	24.89 0.77 0.00	26.79 0.63 0.00	25.79 0.63 0.00	27.20 0.72 0.00	27.66 0.78 0.00	28.11 0.82 0.00	28.93 0.71 0.00	31.89 0.84 0.00	25.97 -0.21 0.00	31.19 -0.32 0.00	24.32 -0.17 0.00	24.34 0.17 0.00	24.24 -0.02 0.00	25.93 0.51 0.00	24.40 0.41 0.00	24.32 0.29 0.00
FALCON____SEABRD_CC2 323797	19.76 0.00 0.00	18.42 0.15 0.00	17.92 0.25 0.00	17.89 0.30 0.00	17.62 0.29 0.00	19.30 0.32 0.00	22.47 0.51 0.00	24.52 0.88 0.00	24.89 0.77 0.00	26.79 0.63 0.00	25.79 0.63 0.00	27.20 0.72 0.00	27.66 0.78 0.00	28.11 0.82 0.00	28.93 0.71 0.00	31.89 0.84 0.00	25.97 -0.21 0.00	31.19 -0.32 0.00	24.32 -0.17 0.00	24.34 0.17 0.00	24.24 -0.02 0.00	25.93 0.51 0.00	24.40 0.41 0.00	24.32 0.29 0.00
FAR ROCKAWAY____4 23548	28.61 1.58 -7.26	23.09 1.44 -3.37	20.83 1.48 -1.67	19.08 1.46 -0.02	20.48 1.40 -1.75	21.26 1.54 -0.74	25.92 1.91 -2.04	30.05 2.25 -4.17	31.54 2.36 -5.06	32.00 2.69 -3.14	42.43 2.09 -15.18	45.18 2.22 -16.47	45.21 2.23 -16.10	47.13 2.24 -17.61	36.56 2.57 -5.77	40.51 2.79 -6.67	49.66 2.28 -21.20	51.26 2.65 -17.10	50.21 2.06 -23.66	44.19 1.86 -18.16	42.25 1.87 -16.12	36.26 1.88 -8.96	32.18 2.16 -6.03	33.96 2.16 -7.77
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	20.83 1.07 0.00	19.26 0.99 0.00	18.70 1.02 0.00	18.60 1.00 0.00	18.28 0.95 0.00	20.02 1.04 0.00	23.33 1.36 0.00	25.65 1.70 -0.31	26.96 1.83 -1.01	28.89 2.17 -0.55	31.74 1.71 -4.87	32.47 1.80 -4.18	33.47 1.80 -4.79	36.45 1.77 -7.38	35.96 2.00 -5.73	39.75 2.17 -6.53	44.83 2.09 -16.55	51.02 2.52 -17.00	49.69 1.79 -23.41	43.85 1.57 -18.11	41.83 1.50 -16.06	34.62 1.32 -7.89	31.37 1.37 -6.01	29.95 1.47 -4.45
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	20.83 1.07 0.00	19.26 0.99 0.00	18.71 1.04 0.00	18.60 1.00 0.00	18.30 0.97 0.00	20.02 1.04 0.00	23.33 1.36 0.00	25.65 1.70 -0.31	26.96 1.83 -1.01	28.89 2.17 -0.55	31.74 1.71 -4.87	32.47 1.80 -4.18	33.47 1.80 -4.79	36.45 1.77 -7.38	35.96 2.00 -5.73	39.75 2.17 -6.53	44.83 2.09 -16.55	51.02 2.52 -17.00	49.72 1.81 -23.41	43.85 1.57 -18.11	41.83 1.50 -16.06	34.65 1.35 -7.89	31.39 1.39 -6.01	29.97 1.49 -4.45
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	20.81 1.05 0.00	19.24 0.97 0.00	18.70 1.02 0.00	18.58 0.99 0.00	18.28 0.95 0.00	20.02 1.04 0.00	23.33 1.36 0.00	25.65 1.70 -0.31	26.94 1.81 -1.01	28.86 2.15 -0.55	31.74 1.71 -4.87	32.47 1.80 -4.18	33.45 1.77 -4.79	36.45 1.77 -7.38	35.93 1.98 -5.73	39.72 2.14 -6.53	44.80 2.07 -16.55	50.99 2.49 -17.00	49.67 1.76 -23.41	43.83 1.55 -18.11	41.80 1.48 -16.06	34.62 1.32 -7.89	31.37 1.37 -6.01	29.95 1.47 -4.45

FARRAGUT___LBMP 323566	20.81 1.05 0.00	19.22 0.95 0.00	18.68 1.01 0.00	18.56 0.97 0.00	18.26 0.94 0.00	20.00 1.02 0.00	23.31 1.34 0.00	25.63 1.68 -0.31	26.92 1.78 -1.01	28.83 2.12 -0.55	31.71 1.69 -4.87	32.44 1.77 -4.18	33.42 1.75 -4.79	36.42 1.75 -7.38	35.91 1.95 -5.73	39.69 2.11 -6.53	44.77 2.04 -16.55	50.96 2.46 -17.00	49.67 1.76 -23.41	43.80 1.52 -18.11	41.78 1.46 -16.06	34.60 1.30 -7.89	31.34 1.34 -6.01	29.92 1.44 -4.45
FENNER___WINDPWR 24204	20.34 0.57 0.00	18.64 0.37 0.00	18.01 0.33 0.00	17.91 0.32 0.00	17.67 0.35 0.00	19.43 0.45 0.00	22.47 0.51 0.00	24.03 0.36 -0.04	24.69 0.46 -0.12	26.72 0.50 -0.06	26.28 0.55 -0.56	27.58 0.61 -0.48	28.06 0.62 -0.55	28.83 0.68 -0.86	29.57 0.68 -0.66	32.57 0.74 -0.78	28.78 0.68 -1.92	34.24 0.75 -1.98	27.83 0.64 -2.71	26.84 0.58 -2.09	26.77 0.66 -1.86	27.02 0.69 -0.91	25.26 0.57 -0.69	25.12 0.58 -0.51
FIBERTEK___ENERGY 23856	20.02 0.26 0.00	18.44 0.16 0.00	17.72 0.05 0.00	17.63 0.04 0.00	17.41 0.09 0.00	19.21 0.23 0.00	22.10 0.13 0.00	23.58 -0.09 -0.03	24.10 -0.12 -0.10	26.16 -0.05 -0.05	25.66 0.03 -0.47	26.92 0.03 -0.41	27.40 0.05 -0.46	28.09 0.08 -0.72	28.84 0.06 -0.55	31.83 0.09 -0.69	27.92 0.13 -1.60	33.27 0.09 -1.67	26.86 0.12 -2.25	25.96 0.05 -1.74	25.92 0.12 -1.54	26.33 0.15 -0.76	24.64 0.07 -0.58	24.58 0.12 -0.43
FITZPATRICK____ 23598	19.39 -0.38 0.00	17.85 -0.42 0.00	17.25 -0.42 0.00	17.17 -0.42 0.00	16.93 -0.40 0.00	18.58 -0.40 0.00	21.46 -0.50 0.00	22.91 -0.73 0.00	23.40 -0.72 0.00	25.40 -0.76 0.00	24.46 -0.70 0.00	25.75 -0.74 0.00	26.13 -0.75 0.00	26.55 -0.74 0.00	27.44 -0.79 0.00	29.89 -0.87 0.29	25.50 -0.68 0.00	30.48 -0.85 0.17	23.88 -0.61 0.00	23.54 -0.63 0.00	23.66 -0.61 0.00	24.78 -0.63 0.00	23.37 -0.62 0.00	23.43 -0.60 0.00
FLOWRFLD_69_KV_BK1 356044	28.97 1.94 -7.27	23.41 1.75 -3.38	21.26 1.91 -1.68	19.50 1.88 -0.03	20.94 1.85 -1.76	21.61 1.88 -0.75	26.52 2.50 -2.05	30.77 2.96 -4.17	39.21 3.09 -12.00	39.53 3.27 -10.09	43.28 2.92 -15.20	46.05 3.07 -16.50	46.02 3.04 -16.10	59.92 3.06 -29.58	52.19 3.33 -20.64	62.33 3.63 -27.64	66.56 3.14 -37.24	66.74 3.88 -31.36	81.16 2.99 -53.69	62.89 2.80 -35.92	63.09 2.84 -35.99	63.89 2.67 -35.80	41.48 2.83 -14.65	34.73 2.91 -7.79
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	20.87 1.11 0.00	19.26 0.99 0.00	18.70 1.02 0.00	18.60 1.00 0.00	18.26 0.94 0.00	20.02 1.04 0.00	23.33 1.36 0.00	25.53 1.58 -0.31	26.81 1.66 -1.02	28.68 1.96 -0.56	31.79 1.71 -4.92	32.46 1.75 -4.23	33.47 1.75 -4.84	36.47 1.72 -7.47	35.88 1.86 -5.79	39.73 2.08 -6.60	44.80 1.89 -16.73	50.99 2.30 -17.19	49.86 1.69 -23.68	44.06 1.57 -18.32	42.03 1.53 -16.24	34.87 1.47 -7.98	31.53 1.46 -6.08	30.05 1.51 -4.50
FORT ORANGE____ 23900	20.46 0.69 0.00	18.88 0.60 0.00	18.31 0.64 0.00	18.21 0.62 0.00	17.93 0.61 0.00	19.66 0.68 0.00	21.66 0.79 1.10	19.90 0.95 4.69	20.65 0.94 4.41	21.74 1.02 5.44	35.58 1.03 -9.39	35.61 1.06 -8.06	37.11 1.00 -9.23	35.79 1.01 -7.49	38.29 1.10 -8.96	38.75 1.18 -6.52	49.71 1.02 -22.51	66.09 1.26 -33.32	71.35 0.95 -45.91	60.58 0.89 -35.51	56.65 0.90 -31.49	41.82 0.94 -15.46	36.71 0.93 -11.78	33.79 1.03 -8.73
FORT_DRUM_COGEN 23780	20.38 0.61 0.00	18.73 0.46 0.00	18.01 0.34 0.00	17.93 0.33 0.00	17.69 0.36 0.00	19.51 0.53 0.00	22.45 0.48 0.00	23.74 0.09 0.00	24.09 -0.02 0.00	26.32 0.16 0.00	25.21 0.05 0.00	26.70 0.21 0.00	27.10 0.22 0.00	27.59 0.30 0.00	28.48 0.25 0.00	31.54 0.43 -0.05	26.57 0.39 0.00	31.87 0.35 -0.02	24.81 0.32 0.00	24.65 0.48 0.00	24.89 0.63 0.00	26.15 0.74 0.00	24.66 0.67 0.00	24.58 0.55 0.00
FPL_FAR_ROCK_GT1 24212	28.79 1.76 -7.26	23.27 1.63 -3.37	20.88 1.54 -1.67	19.11 1.49 -0.02	20.53 1.46 -1.75	21.45 1.73 -0.74	26.01 2.00 -2.04	29.98 2.17 -4.17	31.50 2.32 -5.06	32.00 2.70 -3.14	42.43 2.09 -15.18	45.18 2.23 -16.47	45.21 2.23 -16.10	47.13 2.24 -17.61	36.56 2.57 -5.77	40.51 2.80 -6.67	49.69 2.30 -21.20	51.26 2.65 -17.10	50.21 2.06 -23.66	44.26 1.93 -18.16	42.27 1.89 -16.12	36.31 1.93 -8.96	32.18 2.16 -6.03	33.98 2.19 -7.77
FPL_FAR_ROCK_GT2 23815	28.79 1.76 -7.26	23.27 1.63 -3.37	20.88 1.54 -1.67	19.11 1.49 -0.02	20.53 1.46 -1.75	21.45 1.73 -0.74	26.01 2.00 -2.04	29.98 2.17 -4.17	31.50 2.32 -5.06	32.00 2.70 -3.14	42.43 2.09 -15.18	45.18 2.23 -16.47	45.21 2.23 -16.10	47.13 2.24 -17.61	36.56 2.57 -5.77	40.51 2.80 -6.67	49.69 2.30 -21.20	51.26 2.65 -17.10	50.21 2.06 -23.66	44.26 1.93 -18.16	42.27 1.89 -16.12	36.31 1.93 -8.96	32.18 2.16 -6.03	33.98 2.19 -7.77
FRANKLIN_FALL_HYD 24054	19.63 -0.14 0.00	18.18 -0.09 0.00	17.74 0.07 0.00	17.70 0.11 0.00	17.41 0.09 0.00	19.04 0.06 0.00	22.17 0.20 0.00	24.09 0.45 0.00	24.58 0.46 0.00	26.45 0.29 0.00	25.46 0.30 0.00	26.86 0.37 0.00	27.31 0.43 0.00	27.75 0.46 0.00	28.57 0.34 0.00	31.48 0.43 0.00	25.84 -0.34 0.00	31.03 -0.47 0.00	24.12 -0.37 0.00	24.19 0.02 0.00	24.12 -0.15 0.00	25.57 0.15 0.00	24.09 0.10 0.00	23.98 -0.05 0.00
FREEPORT_EQUS_GT1 23764	28.71 1.68 -7.27	23.24 1.59 -3.38	20.88 1.54 -1.67	19.08 1.46 -0.03	20.50 1.42 -1.75	21.43 1.71 -0.74	26.01 2.00 -2.05	29.99 2.17 -4.17	31.48 2.24 -5.12	31.93 2.57 -3.20	42.43 2.09 -15.18	45.05 2.09 -16.47	45.08 2.10 -16.10	47.08 2.10 -17.69	36.50 2.40 -5.87	40.50 2.64 -6.81	49.88 2.38 -21.32	51.38 2.80 -17.07	50.51 2.16 -23.87	44.48 2.03 -18.28	42.53 2.01 -16.26	36.60 2.03 -9.15	32.16 2.09 -6.08	33.94 2.14 -7.77
FREEPORT___CT2 23818	28.71 1.68 -7.27	23.24 1.59 -3.38	20.88 1.54 -1.67	19.08 1.46 -0.03	20.50 1.42 -1.75	21.43 1.71 -0.74	26.01 2.00 -2.05	29.99 2.17 -4.17	31.48 2.24 -5.12	31.93 2.57 -3.20	42.43 2.09 -15.18	45.05 2.09 -16.47	45.08 2.10 -16.10	47.08 2.10 -17.69	36.50 2.40 -5.87	40.50 2.64 -6.81	49.88 2.38 -21.32	51.38 2.80 -17.07	50.51 2.16 -23.87	44.48 2.03 -18.28	42.53 2.01 -16.26	36.60 2.03 -9.15	32.16 2.09 -6.08	33.94 2.14 -7.77
FRESHKLS_33_KV_LOAD 356253	20.95 1.19 0.00	19.35 1.08 0.00	18.80 1.13 0.00	18.67 1.07 0.00	18.37 1.04 0.00	20.00 1.02 0.00	23.24 1.27 0.00	25.51 1.56 -0.31	26.82 1.69 -1.01	28.78 2.07 -0.55	31.60 1.59 -4.86	32.38 1.72 -4.17	33.41 1.75 -4.78	36.44 1.77 -7.38	36.01 2.06 -5.72	39.87 2.30 -6.52	44.90 2.17 -16.54	51.11 2.61 -16.99	49.76 1.86 -23.41	43.84 1.57 -18.10	41.77 1.46 -16.05	34.54 1.25 -7.88	31.34 1.34 -6.01	30.20 1.71 -4.46
FULTON COGEN____ 23766	19.78 0.02 0.00	18.22 -0.05 0.00	17.53 -0.14 0.00	17.43 -0.16 0.00	17.22 -0.10 0.00	18.96 -0.02 0.00	21.84 -0.13 0.00	23.26 -0.38 0.00	23.68 -0.43 0.00	25.77 -0.39 0.00	24.83 -0.33 0.00	26.17 -0.32 0.00	26.56 -0.32 0.00	26.99 -0.30 0.00	27.89 -0.34 0.00	30.81 -0.34 -0.10	25.97 -0.21 0.00	31.25 -0.32 -0.06	24.29 -0.20 0.00	23.90 -0.27 0.00	24.07 -0.19 0.00	25.26 -0.15 0.00	23.78 -0.22 0.00	23.86 -0.17 0.00

FULTON___LFGE 323630	22.51 2.75 0.00	20.34 2.06 0.00	19.60 1.93 0.00	19.49 1.90 0.00	19.22 1.89 0.00	21.27 2.30 0.00	24.65 2.68 0.00	27.14 2.65 -0.85	30.02 3.09 -2.82	30.89 3.19 -1.53	41.45 2.77 -13.52	41.17 3.07 -11.61	43.47 3.28 -13.30	51.16 3.36 -20.52	47.53 3.39 -15.92	53.07 3.88 -18.14	75.72 3.56 -45.98	81.67 3.75 -46.42	91.60 3.16 -63.95	76.73 3.09 -49.47	71.55 3.42 -43.87	50.44 3.48 -21.54	43.59 3.19 -16.41	39.29 3.10 -12.16
G.F.CEMENT___DRP 24184	21.05 1.28 0.00	19.37 1.10 0.00	18.75 1.08 0.00	18.67 1.07 0.00	18.37 1.04 0.00	20.21 1.23 0.00	24.37 1.52 -0.89	30.54 1.73 -5.17	34.13 1.83 -8.18	35.13 2.07 -6.90	41.50 1.71 -14.63	40.90 1.85 -12.56	43.21 1.94 -14.39	56.96 2.05 -27.63	49.00 1.86 -18.91	57.64 2.08 -24.51	85.36 1.86 -57.32	82.96 2.14 -49.31	94.33 1.91 -67.93	78.72 2.01 -52.55	72.92 2.06 -46.60	50.38 2.08 -22.88	43.32 1.90 -17.43	38.82 1.87 -12.92
GARDENVILLE___LBMP 24039	20.48 0.71 0.00	18.64 0.37 0.00	17.71 0.04 0.00	17.51 -0.09 0.00	17.47 0.14 0.00	19.42 0.44 0.00	21.95 -0.02 0.00	23.29 -0.40 -0.05	23.90 -0.39 -0.17	26.05 -0.21 -0.09	25.81 -0.18 -0.83	27.01 -0.19 -0.71	27.51 -0.19 -0.81	28.57 0.03 -1.25	29.03 -0.17 -0.97	32.00 -0.16 -1.11	29.20 0.21 -2.81	34.57 0.19 -2.88	28.80 0.34 -3.96	27.40 0.17 -3.06	27.20 0.22 -2.72	26.88 0.13 -1.33	25.08 0.07 -1.02	25.12 0.34 -0.75
GARDNVLA_35_KV_LD 355827	20.57 0.81 0.00	18.71 0.44 0.00	17.78 0.11 0.00	17.58 -0.02 0.00	17.54 0.21 0.00	19.49 0.51 0.00	22.01 0.04 0.00	23.39 -0.31 -0.05	24.00 -0.29 -0.17	26.15 -0.10 -0.09	25.94 -0.05 -0.83	27.15 -0.05 -0.71	27.65 -0.05 -0.82	28.71 0.16 -1.26	29.18 -0.03 -0.98	32.16 0.00 -1.11	29.40 0.39 -2.83	34.78 0.38 -2.89	28.94 0.47 -3.99	27.54 0.29 -3.08	27.34 0.34 -2.74	27.01 0.25 -1.34	25.18 0.17 -1.02	25.25 0.46 -0.76
GELCKHM___115KV_LOAD 80723	19.86 0.10 0.00	18.29 0.02 0.00	17.62 -0.05 0.00	17.52 -0.07 0.00	17.29 -0.03 0.00	19.05 0.08 0.00	21.95 -0.02 0.00	23.41 -0.26 -0.03	23.91 -0.29 -0.09	25.98 -0.24 -0.05	25.40 -0.18 -0.41	26.66 -0.19 -0.36	27.10 -0.19 -0.41	27.75 -0.16 -0.63	28.52 -0.20 -0.49	31.45 -0.19 -0.59	27.49 -0.10 -1.41	32.79 -0.16 -1.45	26.38 -0.07 -1.96	25.54 -0.15 -1.52	25.54 -0.07 -1.35	26.03 -0.05 -0.66	24.38 -0.12 -0.50	24.33 -0.07 -0.37
GENERAL___MILLS 23808	20.52 0.75 0.00	18.68 0.40 0.00	17.76 0.09 0.00	17.54 -0.05 0.00	17.50 0.17 0.00	19.45 0.47 0.00	21.99 0.02 0.00	23.34 -0.35 -0.05	23.95 -0.34 -0.17	26.10 -0.16 -0.09	25.89 -0.10 -0.83	27.07 -0.13 -0.71	27.59 0.08 -0.82	28.63 -0.11 -1.26	29.09 -0.11 -0.98	32.10 -0.06 -1.11	29.32 0.31 -2.82	34.68 0.28 -2.89	28.89 0.42 -3.98	27.49 0.24 -3.08	27.26 0.27 -2.73	26.94 0.18 -1.34	25.13 0.12 -1.02	25.20 0.41 -0.76
GE_PLASTICS___DRP 24183	20.34 0.57 0.00	18.77 0.49 0.00	18.22 0.55 0.00	18.16 0.56 0.00	17.83 0.50 0.00	19.55 0.57 0.00	21.92 0.72 0.77	21.39 0.90 3.15	22.35 0.89 2.66	23.56 0.97 3.57	34.73 0.96 -8.62	34.87 0.98 -7.40	36.32 0.97 -8.47	36.59 0.96 -8.35	37.95 1.04 -8.68	39.48 1.12 -7.31	49.84 0.94 -22.71	63.09 1.17 -30.42	67.26 0.86 -41.91	57.39 0.80 -32.42	53.84 0.82 -28.75	40.37 0.84 -14.12	35.58 0.84 -10.75	32.94 0.94 -7.97
GILBOA___1 23756	20.48 0.71 0.00	18.90 0.62 0.00	18.27 0.60 0.00	18.23 0.63 0.00	17.95 0.62 0.00	19.68 0.70 0.00	22.78 0.81 0.00	24.77 0.85 -0.28	25.95 0.92 -0.92	27.71 1.05 -0.50	30.52 0.96 -4.40	31.28 1.01 -3.78	32.21 1.00 -4.33	34.90 0.93 -6.68	34.40 0.99 -5.19	38.04 1.09 -5.91	42.07 0.92 -14.98	48.01 1.10 -15.40	46.51 0.81 -21.22	41.30 0.72 -16.41	39.69 0.87 -14.55	33.43 0.86 -7.15	30.27 0.84 -5.44	28.96 0.89 -4.03
GILBOA___2 23757	20.48 0.71 0.00	18.90 0.62 0.00	18.27 0.60 0.00	18.23 0.63 0.00	17.95 0.62 0.00	19.68 0.70 0.00	22.78 0.81 0.00	24.77 0.85 -0.28	25.95 0.92 -0.92	27.71 1.05 -0.50	30.52 0.96 -4.40	31.28 1.01 -3.78	32.21 1.00 -4.33	34.90 0.93 -6.68	34.40 0.99 -5.19	38.04 1.09 -5.91	42.07 0.92 -14.98	48.01 1.10 -15.40	46.51 0.81 -21.22	41.30 0.72 -16.41	39.69 0.87 -14.55	33.43 0.86 -7.15	30.27 0.84 -5.44	28.96 0.89 -4.03
GILBOA___3 23758	20.48 0.71 0.00	18.90 0.62 0.00	18.27 0.60 0.00	18.23 0.63 0.00	17.95 0.62 0.00	19.68 0.70 0.00	22.78 0.81 0.00	24.77 0.85 -0.28	25.95 0.92 -0.92	27.71 1.05 -0.50	30.52 0.96 -4.40	31.28 1.01 -3.78	32.21 1.00 -4.33	34.90 0.93 -6.68	34.40 0.99 -5.19	38.04 1.09 -5.91	42.07 0.92 -14.98	48.01 1.10 -15.40	46.51 0.81 -21.22	41.30 0.72 -16.41	39.69 0.87 -14.55	33.43 0.86 -7.15	30.27 0.84 -5.44	28.96 0.89 -4.03
GILBOA___4 23759	20.48 0.71 0.00	18.90 0.62 0.00	18.27 0.60 0.00	18.23 0.63 0.00	17.95 0.62 0.00	19.68 0.70 0.00	22.78 0.81 0.00	24.77 0.85 -0.28	25.95 0.92 -0.92	27.71 1.05 -0.50	30.52 0.96 -4.40	31.28 1.01 -3.78	32.21 1.00 -4.33	34.90 0.93 -6.68	34.40 0.99 -5.19	38.04 1.09 -5.91	42.07 0.92 -14.98	48.01 1.10 -15.40	46.51 0.81 -21.22	41.30 0.72 -16.41	39.69 0.87 -14.55	33.43 0.86 -7.15	30.27 0.84 -5.44	28.96 0.89 -4.03
GILBOA___ 23599	20.40 0.63 0.00	18.82 0.55 0.00	18.22 0.55 0.00	18.21 0.62 0.00	17.85 0.52 0.00	19.59 0.61 0.00	22.74 0.77 0.00	24.79 0.87 -0.28	25.93 0.89 -0.92	27.71 1.05 -0.50	30.52 0.96 -4.40	31.28 1.01 -3.78	32.21 0.99 -4.33	34.90 0.93 -6.68	34.40 0.99 -5.19	38.05 1.09 -5.91	42.07 0.92 -14.98	48.01 1.10 -15.40	46.51 0.81 -21.22	41.33 0.75 -16.41	39.69 0.87 -14.55	33.43 0.86 -7.15	30.28 0.84 -5.44	28.95 0.89 -4.03
GINNA___ 23603	19.13 -0.63 0.00	17.47 -0.80 0.00	16.79 -0.88 0.00	16.73 -0.86 0.00	16.48 -0.85 0.00	18.16 -0.82 0.00	21.02 -0.94 0.00	22.23 -1.44 -0.04	22.89 -1.35 -0.12	24.79 -1.44 -0.06	24.50 -1.23 -0.57	25.57 -1.40 -0.49	26.07 -1.37 -0.56	26.90 -1.25 -0.86	27.60 -1.30 -0.67	30.38 -1.43 -0.76	26.99 -1.13 -1.93	32.13 -1.35 -1.98	26.26 -0.96 -2.73	25.34 -0.94 -2.11	25.16 -0.97 -1.87	25.29 -1.04 -0.92	23.69 -1.01 -0.70	23.59 -0.96 -0.52
GLEN PARK___ 23778	20.48 0.71 0.00	18.73 0.46 0.00	18.08 0.41 0.00	18.01 0.42 0.00	17.76 0.43 0.00	19.53 0.55 0.00	22.54 0.57 0.00	23.83 0.19 0.00	24.24 0.12 0.00	26.43 0.26 0.00	25.31 0.15 0.00	26.83 0.34 0.00	27.23 0.35 0.00	27.72 0.44 0.00	28.62 0.39 0.00	31.73 0.62 -0.06	26.76 0.58 0.00	32.09 0.57 -0.02	24.98 0.49 0.00	24.82 0.65 0.00	25.11 0.85 0.00	26.38 0.97 0.00	24.85 0.86 0.00	24.75 0.72 0.00
GLENDALE_27_KV_LOAD 356172	20.95 1.19 0.00	19.37 1.10 0.00	18.82 1.15 0.00	18.70 1.11 0.00	18.40 1.07 0.00	20.10 1.12 0.00	23.40 1.43 0.00	25.72 1.77 -0.31	27.04 1.91 -1.01	28.99 2.28 -0.55	31.86 1.84 -4.87	32.60 1.93 -4.18	33.61 1.94 -4.79	36.64 1.96 -7.38	36.16 2.20 -5.73	40.00 2.42 -6.53	45.04 2.30 -16.55	51.27 2.77 -17.00	49.89 1.98 -23.41	44.00 1.72 -18.11	41.95 1.63 -16.06	34.73 1.42 -7.89	31.51 1.51 -6.01	30.17 1.68 -4.45

GLENWOOD_IC_1_G5 23712	28.31 1.28 -7.27	22.84 1.19 -3.38	20.58 1.24 -1.67	18.83 1.21 -0.02	20.24 1.16 -1.75	20.99 1.27 -0.74	25.66 1.65 -2.04	29.75 1.94 -4.17	31.28 2.05 -5.11	31.71 2.35 -3.19	42.21 1.86 -15.18	44.92 1.96 -16.47	44.95 1.96 -16.10	46.94 1.96 -17.69	36.30 2.20 -5.87	40.25 2.39 -6.81	49.69 2.20 -21.31	51.28 2.61 -17.16	50.29 1.93 -23.86	44.19 1.74 -18.28	42.24 1.72 -16.25	36.11 1.55 -9.14	31.85 1.78 -6.08	33.60 1.80 -7.77
GLENWOOD_IC_2_G1 23688	28.37 1.34 -7.26	22.89 1.24 -3.37	20.54 1.20 -1.67	18.74 1.13 -0.02	20.19 1.11 -1.75	21.07 1.35 -0.74	25.59 1.58 -2.04	29.56 1.75 -4.17	31.04 1.86 -5.06	31.47 2.17 -3.14	42.18 1.84 -15.18	44.89 1.93 -16.47	44.92 1.94 -16.10	46.83 1.94 -17.61	36.14 2.14 -5.77	40.07 2.36 -6.66	49.56 2.17 -21.20	51.18 2.58 -17.09	50.06 1.91 -23.66	44.07 1.74 -18.16	42.08 1.70 -16.12	35.96 1.58 -8.96	31.63 1.61 -6.03	33.46 1.66 -7.77
GLENWOOD_IC_3_G1 23689	28.37 1.34 -7.26	22.89 1.24 -3.37	20.54 1.20 -1.67	18.74 1.13 -0.02	20.19 1.11 -1.75	21.07 1.35 -0.74	25.59 1.58 -2.04	29.56 1.75 -4.17	31.04 1.86 -5.06	31.47 2.17 -3.14	42.18 1.84 -15.18	44.89 1.93 -16.47	44.92 1.94 -16.10	46.83 1.94 -17.61	36.14 2.14 -5.77	40.07 2.36 -6.66	49.56 2.17 -21.20	51.18 2.58 -17.09	50.06 1.91 -23.66	44.07 1.74 -18.16	42.08 1.70 -16.12	35.96 1.58 -8.96	31.63 1.61 -6.03	33.46 1.66 -7.77
GLENWOOD___4 23550	28.31 1.28 -7.27	22.84 1.19 -3.38	20.58 1.24 -1.67	18.83 1.21 -0.02	20.24 1.16 -1.75	20.99 1.27 -0.74	25.66 1.65 -2.04	29.75 1.94 -4.17	31.28 2.05 -5.11	31.71 2.35 -3.19	42.26 1.91 -15.18	44.97 2.01 -16.47	45.03 2.04 -16.10	47.00 2.02 -17.69	36.38 2.29 -5.87	40.34 2.48 -6.81	49.77 2.28 -21.31	51.34 2.68 -17.16	50.36 2.01 -23.86	44.26 1.81 -18.28	42.31 1.80 -16.25	36.19 1.63 -9.14	31.85 1.78 -6.08	33.60 1.80 -7.77
GLENWOOD___5 23614	28.31 1.28 -7.27	22.84 1.19 -3.38	20.58 1.24 -1.67	18.83 1.21 -0.02	20.24 1.16 -1.75	20.99 1.27 -0.74	25.66 1.65 -2.04	29.75 1.94 -4.17	31.28 2.05 -5.11	31.71 2.35 -3.19	42.26 1.91 -15.18	44.97 2.01 -16.47	45.03 2.04 -16.10	47.00 2.02 -17.69	36.38 2.29 -5.87	40.34 2.48 -6.81	49.77 2.28 -21.31	51.34 2.68 -17.16	50.36 2.01 -23.86	44.26 1.81 -18.28	42.31 1.80 -16.25	36.19 1.63 -9.14	31.85 1.78 -6.08	33.60 1.80 -7.77
GLOBAL GREEN_PORT_GT1 23814	30.00 2.96 -7.27	24.58 2.92 -3.38	22.30 2.95 -1.68	20.37 2.74 -0.03	21.74 2.65 -1.76	22.84 3.11 -0.75	27.64 3.62 -2.05	31.83 4.02 -4.17	38.38 3.98 -10.28	39.08 4.55 -8.37	44.51 4.15 -15.20	47.34 4.37 -16.49	47.31 4.33 -16.10	58.31 4.42 -26.60	49.88 4.71 -16.94	58.67 5.19 -22.43	64.12 4.69 -33.25	65.09 5.77 -27.81	75.23 4.51 -46.23	60.00 4.33 -31.51	59.71 4.39 -31.06	58.90 4.35 -29.13	40.77 4.27 -12.51	36.12 4.30 -7.78
GLOBE___DSASP 323697	19.84 0.08 0.00	18.07 -0.20 0.00	17.16 -0.51 0.00	16.96 -0.63 0.00	16.93 -0.40 0.00	18.83 -0.15 0.00	21.24 -0.72 0.00	22.44 -1.25 -0.05	22.97 -1.30 -0.16	25.02 -1.23 -0.09	24.78 -1.13 -0.75	25.89 -1.24 -0.65	26.39 -1.24 -0.74	27.37 -1.06 -1.14	27.82 -1.30 -0.89	30.73 -1.34 -1.01	27.88 -0.86 -2.57	33.03 -1.10 -2.63	27.47 -0.64 -3.62	26.22 -0.75 -2.80	25.99 -0.75 -2.48	25.82 -0.81 -1.22	24.15 -0.77 -0.93	24.26 -0.46 -0.69
GOETHSLN___LBMP 323567	20.69 0.93 0.00	19.13 0.86 0.00	18.57 0.90 0.00	18.46 0.86 0.00	18.16 0.83 0.00	19.89 0.91 0.00	23.18 1.21 0.00	25.48 1.54 -0.31	26.82 1.69 -1.01	28.73 2.01 -0.55	31.56 1.53 -4.87	32.28 1.62 -4.18	33.23 1.56 -4.79	36.23 1.56 -7.38	35.74 1.78 -5.73	39.50 1.93 -6.53	44.62 1.89 -16.55	50.74 2.24 -17.00	49.50 1.59 -23.41	43.63 1.35 -18.11	41.61 1.29 -16.06	34.42 1.12 -7.89	31.20 1.20 -6.01	29.76 1.27 -4.45
GOLAH___69_KV_TB 1_2 80279	20.54 0.77 0.00	18.79 0.51 0.00	17.83 0.16 0.00	17.68 0.09 0.00	17.59 0.26 0.00	19.51 0.53 0.00	22.10 0.13 0.00	23.49 -0.19 -0.04	24.02 -0.22 -0.12	26.10 -0.13 -0.07	25.76 0.00 -0.60	26.84 -0.16 -0.51	27.33 -0.13 -0.59	28.25 0.05 -0.90	28.92 0.00 -0.70	31.84 0.00 -0.79	28.36 0.16 -2.02	33.66 0.09 -2.06	27.57 0.24 -2.84	26.56 0.19 -2.20	26.40 0.19 -1.95	26.50 0.13 -0.96	24.82 0.10 -0.73	24.81 0.24 -0.54
GOODYEAR_LAKE_HYD 323669	20.87 1.11 0.00	19.21 0.93 0.00	18.54 0.87 0.00	18.46 0.86 0.00	18.19 0.87 0.00	20.04 1.06 0.00	23.22 1.25 0.00	25.27 1.28 -0.35	26.57 1.30 -1.15	28.31 1.52 -0.63	32.10 1.41 -5.53	32.75 1.51 -4.75	33.88 1.56 -5.44	37.26 1.58 -8.39	36.37 1.64 -6.51	40.25 1.77 -7.43	46.55 1.57 -18.80	52.45 1.86 -19.09	52.28 1.49 -26.29	45.91 1.40 -20.34	43.83 1.53 -18.04	35.80 1.53 -8.86	32.15 1.42 -6.75	30.42 1.39 -5.00
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	20.30 0.53 0.00	18.64 0.37 0.00	17.92 0.25 0.00	17.80 0.21 0.00	17.60 0.28 0.00	19.43 0.46 0.00	22.36 0.40 0.00	24.01 0.26 -0.11	24.74 0.27 -0.36	26.72 0.37 -0.19	27.22 0.35 -1.71	28.33 0.37 -1.47	28.97 0.40 -1.68	30.35 0.46 -2.60	30.67 0.42 -2.02	33.86 0.50 -2.32	32.53 0.52 -5.82	38.08 0.60 -5.97	33.22 0.51 -8.21	30.93 0.41 -6.35	30.40 0.51 -5.63	28.69 0.51 -2.77	26.53 0.43 -2.11	26.12 0.53 -1.56
GOUDEY___7 23579	20.32 0.55 0.00	18.66 0.38 0.00	17.94 0.27 0.00	17.82 0.23 0.00	17.62 0.29 0.00	19.45 0.47 0.00	22.39 0.42 0.00	24.03 0.28 -0.11	24.76 0.29 -0.36	26.75 0.39 -0.19	27.25 0.38 -1.71	28.38 0.42 -1.47	29.00 0.43 -1.68	30.38 0.49 -2.60	30.72 0.48 -2.02	33.89 0.53 -2.32	32.55 0.55 -5.82	38.14 0.66 -5.97	33.27 0.56 -8.21	30.98 0.46 -6.35	30.43 0.53 -5.63	28.74 0.56 -2.77	26.56 0.46 -2.11	26.15 0.55 -1.56
GOUDEY___8 23580	20.30 0.53 0.00	18.64 0.37 0.00	17.92 0.25 0.00	17.80 0.21 0.00	17.60 0.28 0.00	19.43 0.46 0.00	22.36 0.40 0.00	24.01 0.26 -0.11	24.74 0.27 -0.36	26.72 0.37 -0.19	27.22 0.35 -1.71	28.33 0.37 -1.47	28.97 0.40 -1.68	30.35 0.46 -2.60	30.67 0.42 -2.02	33.86 0.50 -2.32	32.53 0.52 -5.82	38.08 0.60 -5.97	33.22 0.51 -8.21	30.93 0.41 -6.35	30.40 0.51 -5.63	28.69 0.51 -2.77	26.53 0.43 -2.11	26.12 0.53 -1.56
GOWANUS_GT1_1 24077	20.95 1.19 0.00	19.37 1.10 0.00	18.82 1.15 0.00	18.68 1.09 0.00	18.38 1.06 0.00	20.04 1.06 0.00	23.33 1.36 0.00	25.63 1.68 -0.31	26.94 1.81 -1.01	28.91 2.20 -0.55	31.76 1.74 -4.87	32.55 1.88 -4.18	33.58 1.91 -4.79	36.61 1.94 -7.38	36.13 2.17 -5.73	40.00 2.42 -6.53	45.04 2.30 -16.55	51.24 2.74 -17.00	49.86 1.96 -23.41	43.97 1.69 -18.11	41.90 1.58 -16.06	34.68 1.37 -7.89	31.46 1.46 -6.01	30.22 1.73 -4.46
GOWANUS_GT1_2 24078	20.95 1.19 0.00	19.37 1.10 0.00	18.82 1.15 0.00	18.68 1.09 0.00	18.38 1.06 0.00	20.04 1.06 0.00	23.33 1.36 0.00	25.63 1.68 -0.31	26.94 1.81 -1.01	28.91 2.20 -0.55	31.76 1.74 -4.87	32.55 1.88 -4.18	33.58 1.91 -4.79	36.61 1.94 -7.38	36.13 2.17 -5.73	40.00 2.42 -6.53	45.04 2.30 -16.55	51.24 2.74 -17.00	49.86 1.96 -23.41	43.97 1.69 -18.11	41.90 1.58 -16.06	34.68 1.37 -7.89	31.46 1.46 -6.01	30.22 1.73 -4.46

GOWANUS_GT1_3 24079	20.95 <u>1.19</u> 0.00	19.37 <u>1.10</u> 0.00	18.82 <u>1.15</u> 0.00	18.68 <u>1.09</u> 0.00	18.38 <u>1.06</u> 0.00	20.04 <u>1.06</u> 0.00	23.33 <u>1.36</u> 0.00	25.63 <u>1.68</u> -0.31	26.94 <u>1.81</u> -1.01	28.91 <u>2.20</u> -0.55	31.76 <u>1.74</u> -4.87	32.55 <u>1.88</u> -4.18	33.58 <u>1.91</u> -4.79	36.61 <u>1.94</u> -7.38	36.13 <u>2.17</u> -5.73	40.00 <u>2.42</u> -6.53	45.04 <u>2.30</u> -16.55	51.24 <u>2.74</u> -17.00	49.86 <u>1.96</u> -23.41	43.97 <u>1.69</u> -18.11	41.90 <u>1.58</u> -16.06	34.68 <u>1.37</u> -7.89	31.46 <u>1.46</u> -6.01	30.22 <u>1.73</u> -4.46
GOWANUS_GT1_4 24080	20.95 <u>1.19</u> 0.00	19.37 <u>1.10</u> 0.00	18.82 <u>1.15</u> 0.00	18.68 <u>1.09</u> 0.00	18.38 <u>1.06</u> 0.00	20.04 <u>1.06</u> 0.00	23.33 <u>1.36</u> 0.00	25.63 <u>1.68</u> -0.31	26.94 <u>1.81</u> -1.01	28.91 <u>2.20</u> -0.55	31.76 <u>1.74</u> -4.87	32.55 <u>1.88</u> -4.18	33.58 <u>1.91</u> -4.79	36.61 <u>1.94</u> -7.38	36.13 <u>2.17</u> -5.73	40.00 <u>2.42</u> -6.53	45.04 <u>2.30</u> -16.55	51.24 <u>2.74</u> -17.00	49.86 <u>1.96</u> -23.41	43.97 <u>1.69</u> -18.11	41.90 <u>1.58</u> -16.06	34.68 <u>1.37</u> -7.89	31.46 <u>1.46</u> -6.01	30.22 <u>1.73</u> -4.46
GOWANUS_GT1_5 24084	20.95 <u>1.19</u> 0.00	19.37 <u>1.10</u> 0.00	18.82 <u>1.15</u> 0.00	18.68 <u>1.09</u> 0.00	18.38 <u>1.06</u> 0.00	20.04 <u>1.06</u> 0.00	23.33 <u>1.36</u> 0.00	25.63 <u>1.68</u> -0.31	26.94 <u>1.81</u> -1.01	28.91 <u>2.20</u> -0.55	31.76 <u>1.74</u> -4.87	32.55 <u>1.88</u> -4.18	33.58 <u>1.91</u> -4.79	36.61 <u>1.94</u> -7.38	36.13 <u>2.17</u> -5.73	40.00 <u>2.42</u> -6.53	45.04 <u>2.30</u> -16.55	51.24 <u>2.74</u> -17.00	49.86 <u>1.96</u> -23.41	43.97 <u>1.69</u> -18.11	41.90 <u>1.58</u> -16.06	34.68 <u>1.37</u> -7.89	31.46 <u>1.46</u> -6.01	30.22 <u>1.73</u> -4.46
GOWANUS_GT1_6 24111	20.95 <u>1.19</u> 0.00	19.37 <u>1.10</u> 0.00	18.82 <u>1.15</u> 0.00	18.68 <u>1.09</u> 0.00	18.38 <u>1.06</u> 0.00	20.04 <u>1.06</u> 0.00	23.33 <u>1.36</u> 0.00	25.63 <u>1.68</u> -0.31	26.94 <u>1.81</u> -1.01	28.91 <u>2.20</u> -0.55	31.76 <u>1.74</u> -4.87	32.55 <u>1.88</u> -4.18	33.58 <u>1.91</u> -4.79	36.61 <u>1.94</u> -7.38	36.13 <u>2.17</u> -5.73	40.00 <u>2.42</u> -6.53	45.04 <u>2.30</u> -16.55	51.24 <u>2.74</u> -17.00	49.86 <u>1.96</u> -23.41	43.97 <u>1.69</u> -18.11	41.90 <u>1.58</u> -16.06	34.68 <u>1.37</u> -7.89	31.46 <u>1.46</u> -6.01	30.22 <u>1.73</u> -4.46
GOWANUS_GT1_7 24112	20.95 <u>1.19</u> 0.00	19.37 <u>1.10</u> 0.00	18.82 <u>1.15</u> 0.00	18.68 <u>1.09</u> 0.00	18.38 <u>1.06</u> 0.00	20.04 <u>1.06</u> 0.00	23.33 <u>1.36</u> 0.00	25.63 <u>1.68</u> -0.31	26.94 <u>1.81</u> -1.01	28.91 <u>2.20</u> -0.55	31.76 <u>1.74</u> -4.87	32.55 <u>1.88</u> -4.18	33.58 <u>1.91</u> -4.79	36.61 <u>1.94</u> -7.38	36.13 <u>2.17</u> -5.73	40.00 <u>2.42</u> -6.53	45.04 <u>2.30</u> -16.55	51.24 <u>2.74</u> -17.00	49.86 <u>1.96</u> -23.41	43.97 <u>1.69</u> -18.11	41.90 <u>1.58</u> -16.06	34.68 <u>1.37</u> -7.89	31.46 <u>1.46</u> -6.01	30.22 <u>1.73</u> -4.46
GOWANUS_GT1_8 24113	20.95 <u>1.19</u> 0.00	19.37 <u>1.10</u> 0.00	18.82 <u>1.15</u> 0.00	18.68 <u>1.09</u> 0.00	18.38 <u>1.06</u> 0.00	20.04 <u>1.06</u> 0.00	23.33 <u>1.36</u> 0.00	25.63 <u>1.68</u> -0.31	26.94 <u>1.81</u> -1.01	28.91 <u>2.20</u> -0.55	31.76 <u>1.74</u> -4.87	32.55 <u>1.88</u> -4.18	33.58 <u>1.91</u> -4.79	36.61 <u>1.94</u> -7.38	36.13 <u>2.17</u> -5.73	40.00 <u>2.42</u> -6.53	45.04 <u>2.30</u> -16.55	51.24 <u>2.74</u> -17.00	49.86 <u>1.96</u> -23.41	43.97 <u>1.69</u> -18.11	41.90 <u>1.58</u> -16.06	34.68 <u>1.37</u> -7.89	31.46 <u>1.46</u> -6.01	30.22 <u>1.73</u> -4.46
GOWANUS_GT2_1 24114	21.21 <u>1.44</u> 0.00	19.53 <u>1.26</u> 0.00	18.89 <u>1.22</u> 0.00	18.72 <u>1.13</u> 0.00	18.44 <u>1.11</u> 0.00	20.23 <u>1.25</u> 0.00	23.42 <u>1.45</u> 0.00	25.58 <u>1.63</u> -0.31	26.94 <u>1.81</u> -1.01	28.91 <u>2.20</u> -0.55	31.76 <u>1.73</u> -4.87	32.55 <u>1.88</u> -4.18	33.58 <u>1.91</u> -4.79	36.61 <u>1.94</u> -7.38	36.13 <u>2.17</u> -5.73	40.00 <u>2.42</u> -6.53	45.06 <u>2.33</u> -16.55	51.24 <u>2.74</u> -17.00	49.87 <u>1.96</u> -23.42	43.95 <u>1.67</u> -18.11	41.88 <u>1.55</u> -16.06	34.67 <u>1.37</u> -7.89	31.46 <u>1.46</u> -6.01	30.22 <u>1.73</u> -4.46
GOWANUS_GT2_2 24115	21.21 <u>1.44</u> 0.00	19.53 <u>1.26</u> 0.00	18.89 <u>1.22</u> 0.00	18.72 <u>1.13</u> 0.00	18.44 <u>1.11</u> 0.00	20.23 <u>1.25</u> 0.00	23.42 <u>1.45</u> 0.00	25.58 <u>1.63</u> -0.31	26.94 <u>1.81</u> -1.01	28.91 <u>2.20</u> -0.55	31.76 <u>1.73</u> -4.87	32.55 <u>1.88</u> -4.18	33.58 <u>1.91</u> -4.79	36.61 <u>1.94</u> -7.38	36.13 <u>2.17</u> -5.73	40.00 <u>2.42</u> -6.53	45.06 <u>2.33</u> -16.55	51.24 <u>2.74</u> -17.00	49.87 <u>1.96</u> -23.42	43.95 <u>1.67</u> -18.11	41.88 <u>1.55</u> -16.06	34.67 <u>1.37</u> -7.89	31.46 <u>1.46</u> -6.01	30.22 <u>1.73</u> -4.46
GOWANUS_GT2_3 24116	21.21 <u>1.44</u> 0.00	19.53 <u>1.26</u> 0.00	18.89 <u>1.22</u> 0.00	18.72 <u>1.13</u> 0.00	18.44 <u>1.11</u> 0.00	20.23 <u>1.25</u> 0.00	23.42 <u>1.45</u> 0.00	25.58 <u>1.63</u> -0.31	26.94 <u>1.81</u> -1.01	28.91 <u>2.20</u> -0.55	31.76 <u>1.73</u> -4.87	32.55 <u>1.88</u> -4.18	33.58 <u>1.91</u> -4.79	36.61 <u>1.94</u> -7.38	36.13 <u>2.17</u> -5.73	40.00 <u>2.42</u> -6.53	45.06 <u>2.33</u> -16.55	51.24 <u>2.74</u> -17.00	49.87 <u>1.96</u> -23.42	43.95 <u>1.67</u> -18.11	41.88 <u>1.55</u> -16.06	34.67 <u>1.37</u> -7.89	31.46 <u>1.46</u> -6.01	30.22 <u>1.73</u> -4.46
GOWANUS_GT2_4 24117	21.21 <u>1.44</u> 0.00	19.53 <u>1.26</u> 0.00	18.89 <u>1.22</u> 0.00	18.72 <u>1.13</u> 0.00	18.44 <u>1.11</u> 0.00	20.23 <u>1.25</u> 0.00	23.42 <u>1.45</u> 0.00	25.58 <u>1.63</u> -0.31	26.94 <u>1.81</u> -1.01	28.91 <u>2.20</u> -0.55	31.76 <u>1.73</u> -4.87	32.55 <u>1.88</u> -4.18	33.58 <u>1.91</u> -4.79	36.61 <u>1.94</u> -7.38	36.13 <u>2.17</u> -5.73	40.00 <u>2.42</u> -6.53	45.06 <u>2.33</u> -16.55	51.24 <u>2.74</u> -17.00	49.87 <u>1.96</u> -23.42	43.95 <u>1.67</u> -18.11	41.88 <u>1.55</u> -16.06	34.67 <u>1.37</u> -7.89	31.46 <u>1.46</u> -6.01	30.22 <u>1.73</u> -4.46
GOWANUS_GT2_5 24118	21.21 <u>1.44</u> 0.00	19.53 <u>1.26</u> 0.00	18.89 <u>1.22</u> 0.00	18.72 <u>1.13</u> 0.00	18.44 <u>1.11</u> 0.00	20.23 <u>1.25</u> 0.00	23.42 <u>1.45</u> 0.00	25.58 <u>1.63</u> -0.31	26.94 <u>1.81</u> -1.01	28.91 <u>2.20</u> -0.55	31.76 <u>1.73</u> -4.87	32.55 <u>1.88</u> -4.18	33.58 <u>1.91</u> -4.79	36.61 <u>1.94</u> -7.38	36.13 <u>2.17</u> -5.73	40.00 <u>2.42</u> -6.53	45.06 <u>2.33</u> -16.55	51.24 <u>2.74</u> -17.00	49.87 <u>1.96</u> -23.42	43.95 <u>1.67</u> -18.11	41.88 <u>1.55</u> -16.06	34.67 <u>1.37</u> -7.89	31.46 <u>1.46</u> -6.01	30.22 <u>1.73</u> -4.46
GOWANUS_GT2_6 24119	21.21 <u>1.44</u> 0.00	19.53 <u>1.26</u> 0.00	18.89 <u>1.22</u> 0.00	18.72 <u>1.13</u> 0.00	18.44 <u>1.11</u> 0.00	20.23 <u>1.25</u> 0.00	23.42 <u>1.45</u> 0.00	25.58 <u>1.63</u> -0.31	26.94 <u>1.81</u> -1.01	28.91 <u>2.20</u> -0.55	31.76 <u>1.73</u> -4.87	32.55 <u>1.88</u> -4.18	33.58 <u>1.91</u> -4.79	36.61 <u>1.94</u> -7.38	36.13 <u>2.17</u> -5.73	40.00 <u>2.42</u> -6.53	45.06 <u>2.33</u> -16.55	51.24 <u>2.74</u> -17.00	49.87 <u>1.96</u> -23.42	43.95 <u>1.67</u> -18.11	41.88 <u>1.55</u> -16.06	34.67 <u>1.37</u> -7.89	31.46 <u>1.46</u> -6.01	30.22 <u>1.73</u> -4.46
GOWANUS_GT2_7 24120	21.21 <u>1.44</u> 0.00	19.53 <u>1.26</u> 0.00	18.89 <u>1.22</u> 0.00	18.72 <u>1.13</u> 0.00	18.44 <u>1.11</u> 0.00	20.23 <u>1.25</u> 0.00	23.42 <u>1.45</u> 0.00	25.58 <u>1.63</u> -0.31	26.94 <u>1.81</u> -1.01	28.91 <u>2.20</u> -0.55	31.76 <u>1.73</u> -4.87	32.55 <u>1.88</u> -4.18	33.58 <u>1.91</u> -4.79	36.61 <u>1.94</u> -7.38	36.13 <u>2.17</u> -5.73	40.00 <u>2.42</u> -6.53	45.06 <u>2.33</u> -16.55	51.24 <u>2.74</u> -17.00	49.87 <u>1.96</u> -23.42	43.95 <u>1.67</u> -18.11	41.88 <u>1.55</u> -16.06	34.67 <u>1.37</u> -7.89	31.46 <u>1.46</u> -6.01	30.22 <u>1.73</u> -4.46
GOWANUS_GT2_8 24121	21.21 <u>1.44</u> 0.00	19.53 <u>1.26</u> 0.00	18.89 <u>1.22</u> 0.00	18.72 <u>1.13</u> 0.00	18.44 <u>1.11</u> 0.00	20.23 <u>1.25</u> 0.00	23.42 <u>1.45</u> 0.00	25.58 <u>1.63</u> -0.31	26.94 <u>1.81</u> -1.01	28.91 <u>2.20</u> -0.55	31.76 <u>1.73</u> -4.87	32.55 <u>1.88</u> -4.18	33.58 <u>1.91</u> -4.79	36.61 <u>1.94</u> -7.38	36.13 <u>2.17</u> -5.73	40.00 <u>2.42</u> -6.53	45.06 <u>2.33</u> -16.55	51.24 <u>2.74</u> -17.00	49.87 <u>1.96</u> -23.42	43.95 <u>1.67</u> -18.11	41.88 <u>1.55</u> -16.06	34.67 <u>1.37</u> -7.89	31.46 <u>1.46</u> -6.01	30.22 <u>1.73</u> -4.46
GOWANUS_GT3_1 24122	21.21 <u>1.44</u> 0.00	19.53 <u>1.26</u> 0.00	18.89 <u>1.22</u> 0.00	18.72 <u>1.13</u> 0.00	18.44 <u>1.11</u> 0.00	20.23 <u>1.25</u> 0.00	23.42 <u>1.45</u> 0.00	25.58 <u>1.63</u> -0.31	26.94 <u>1.81</u> -1.01	28.91 <u>2.20</u> -0.55	31.76 <u>1.73</u> -4.87	32.55 <u>1.88</u> -4.18	33.58 <u>1.91</u> -4.79	36.61 <u>1.94</u> -7.38	36.13 <u>2.17</u> -5.73	40.00 <u>2.42</u> -6.53	45.06 <u>2.33</u> -16.55	51.24 <u>2.74</u> -17.00	49.87 <u>1.96</u> -23.42	43.95 <u>1.67</u> -18.11	41.88 <u>1.55</u> -16.06	34.67 <u>1.37</u> -7.89	31.46 <u>1.46</u> -6.01	30.22 <u>1.73</u> -4.46

GREENBSH_115KV_TB3 55895	20.24 0.47 0.00	18.69 0.42 0.00	18.17 0.49 0.00	18.09 0.49 0.00	17.78 0.45 0.00	19.47 0.49 0.00	21.44 0.64 1.16	19.50 0.83 4.97	20.21 0.82 4.73	21.25 0.86 5.78	35.67 0.93 -9.58	35.67 0.95 -8.23	37.19 0.89 -9.42	35.60 0.90 -7.41	38.26 0.96 -9.07	38.55 1.06 -6.45	49.72 0.89 -22.65	66.64 1.10 -34.04	72.19 0.81 -46.89	61.19 0.75 -36.27	57.18 0.75 -32.17	42.00 0.79 -15.79	36.81 0.79 -12.03	33.84 0.89 -8.92
GREENDGE_115KV_TB5 80291	20.46 0.69 0.00	18.73 0.46 0.00	17.88 0.21 0.00	17.75 0.16 0.00	17.62 0.29 0.00	19.57 0.59 0.00	22.36 0.40 0.00	23.87 0.17 -0.06	24.47 0.14 -0.21	26.56 0.29 -0.11	26.49 0.33 -1.00	27.74 0.40 -0.86	28.27 0.40 -0.98	29.32 0.52 -1.52	29.88 0.48 -1.17	32.87 0.47 -1.35	30.19 0.63 -3.38	35.55 0.57 -3.47	29.95 0.69 -4.77	28.42 0.56 -3.69	28.21 0.68 -3.27	27.76 0.74 -1.61	25.77 0.55 -1.22	25.59 0.65 -0.91
GREENIDGE___3 23582	20.46 0.69 0.00	18.73 0.46 0.00	17.88 0.21 0.00	17.75 0.16 0.00	17.62 0.29 0.00	19.57 0.59 0.00	22.36 0.40 0.00	23.87 0.17 -0.06	24.47 0.14 -0.21	26.56 0.29 -0.11	26.49 0.33 -1.00	27.74 0.40 -0.86	28.27 0.40 -0.98	29.32 0.52 -1.52	29.88 0.48 -1.17	32.87 0.47 -1.35	30.19 0.63 -3.38	35.55 0.57 -3.47	29.95 0.69 -4.77	28.42 0.56 -3.69	28.21 0.68 -3.27	27.76 0.74 -1.61	25.77 0.55 -1.22	25.59 0.65 -0.91
GREENIDGE___4 23583	20.44 0.67 0.00	18.60 0.33 0.00	17.92 0.25 0.00	17.84 0.25 0.00	17.59 0.26 0.00	19.47 0.49 0.00	22.54 0.57 0.00	23.85 0.14 -0.06	24.57 0.24 -0.21	26.57 0.29 -0.11	26.48 0.33 -1.00	27.74 0.40 -0.86	28.27 0.40 -0.98	29.32 0.52 -1.51	29.88 0.48 -1.17	32.87 0.47 -1.35	30.17 0.60 -3.39	35.56 0.57 -3.49	29.96 0.68 -4.79	28.43 0.56 -3.70	28.20 0.66 -3.28	27.74 0.71 -1.61	25.77 0.55 -1.23	25.59 0.65 -0.91
GREENLWN_69_KV_BK 3 55738	28.58 1.54 -7.27	23.06 1.41 -3.38	20.82 1.47 -1.68	19.08 1.46 -0.03	20.51 1.42 -1.76	21.23 1.50 -0.75	25.97 1.96 -2.05	30.11 2.29 -4.17	30.87 2.44 -4.32	31.25 2.69 -2.39	42.68 2.34 -15.18	45.43 2.46 -16.48	45.43 2.45 -16.11	46.05 2.46 -16.30	35.14 2.77 -4.15	38.44 3.01 -4.38	48.31 2.67 -19.46	50.19 3.15 -15.54	47.27 2.40 -20.39	42.64 2.25 -16.23	40.47 2.26 -13.95	33.51 2.06 -6.04	31.25 2.18 -5.08	33.99 2.19 -7.78
GREENWD_138_KV_38B11_REV_LBMP_J 345004	20.95 1.19 0.00	19.37 1.10 0.00	18.82 1.15 0.00	18.68 1.09 0.00	18.38 1.06 0.00	20.04 1.06 0.00	23.33 1.36 0.00	25.63 1.68 -0.31	26.94 1.81 -1.01	28.91 2.20 -0.55	31.76 1.74 -4.87	32.55 1.88 -4.18	33.58 1.91 -4.79	36.61 1.94 -7.38	36.13 2.17 -5.73	40.00 2.42 -6.53	45.04 2.30 -16.55	51.24 2.74 -17.00	49.86 1.96 -23.41	43.97 1.69 -18.11	41.90 1.58 -16.06	34.68 1.37 -7.89	31.46 1.46 -6.01	30.22 1.73 -4.46
GRISSOM___SOLAR 323813	22.51 2.75 0.00	20.34 2.06 0.00	19.60 1.93 0.00	19.49 1.90 0.00	19.22 1.89 0.00	21.27 2.30 0.00	24.65 2.68 0.00	27.14 2.65 -0.85	30.02 3.09 -2.82	30.89 3.19 -1.53	41.45 2.77 -13.52	41.17 3.07 -11.61	43.47 3.28 -13.30	51.16 3.36 -20.52	47.53 3.39 -15.92	53.07 3.88 -18.14	75.72 3.56 -45.98	81.67 3.75 -46.42	91.60 3.16 -63.95	76.73 3.09 -49.47	71.55 3.42 -43.87	50.44 3.48 -21.54	43.59 3.19 -16.41	39.29 3.10 -12.16
GROVEVILLE___HYD 323602	20.87 1.11 0.00	19.26 0.99 0.00	18.70 1.02 0.00	18.60 1.00 0.00	18.26 0.94 0.00	20.02 1.04 0.00	23.33 1.36 0.00	25.53 1.58 -0.31	26.81 1.66 -1.02	28.68 1.96 -0.56	31.79 1.71 -4.92	32.46 1.75 -4.23	33.47 1.75 -4.84	36.47 1.72 -7.47	35.88 1.86 -5.79	39.73 2.08 -6.60	44.80 1.89 -16.73	50.99 2.30 -17.19	49.86 1.69 -23.68	44.06 1.57 -18.32	42.03 1.53 -16.24	34.87 1.47 -7.98	31.53 1.46 -6.08	30.05 1.51 -4.50
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	20.02 0.26 0.00	18.44 0.16 0.00	17.72 0.05 0.00	17.63 0.04 0.00	17.41 0.09 0.00	19.21 0.23 0.00	22.10 0.13 0.00	23.58 -0.09 -0.03	24.10 -0.12 -0.10	26.16 -0.05 -0.05	25.66 0.03 -0.47	26.92 0.03 -0.41	27.40 0.05 -0.46	28.09 0.08 -0.72	28.84 0.06 -0.55	31.83 0.09 -0.69	27.92 0.13 -1.60	33.27 0.09 -1.67	26.86 0.12 -2.25	25.96 0.05 -1.74	25.92 0.12 -1.54	26.33 0.15 -0.76	24.64 0.07 -0.58	24.58 0.12 -0.43
HAMLTNNY_34_KV_TB 80303	20.08 0.32 0.00	18.47 0.20 0.00	17.80 0.12 0.00	17.70 0.11 0.00	17.48 0.16 0.00	19.26 0.28 0.00	22.19 0.22 0.00	23.67 0.00 -0.03	24.20 -0.02 -0.11	26.25 0.03 -0.06	25.75 0.08 -0.51	27.03 0.11 -0.44	27.49 0.11 -0.50	28.22 0.16 -0.77	28.97 0.14 -0.60	31.97 0.19 -0.74	28.12 0.21 -1.73	33.55 0.25 -1.80	27.16 0.24 -2.43	26.21 0.17 -1.88	26.17 0.24 -1.66	26.54 0.31 -0.82	24.81 0.19 -0.62	24.73 0.24 -0.46
HAMPSHIRE___PAPER_HYD 323593	19.74 -0.02 0.00	18.22 -0.05 0.00	17.64 -0.04 0.00	17.58 -0.02 0.00	17.29 -0.03 0.00	18.94 -0.04 0.00	21.88 -0.09 0.00	23.43 -0.21 0.00	23.80 -0.31 0.00	25.82 -0.34 0.00	24.81 -0.35 0.00	26.22 -0.26 0.00	26.61 -0.27 0.00	27.07 -0.22 0.00	27.95 -0.28 0.00	30.76 -0.31 -0.02	25.71 -0.47 0.00	30.91 -0.60 -0.01	24.00 -0.49 0.00	23.90 -0.27 0.00	24.02 -0.24 0.00	25.32 -0.10 0.00	23.94 -0.05 0.00	23.86 -0.17 0.00
HARDSCRABBLE_WT_PWR 323673	19.43 -0.34 0.00	17.83 -0.44 0.00	17.23 -0.44 0.00	17.14 -0.46 0.00	16.89 -0.43 0.00	18.54 -0.44 0.00	21.48 -0.48 0.00	23.10 -0.54 0.00	23.73 -0.39 0.00	25.82 -0.34 0.00	24.88 -0.28 0.00	26.22 -0.26 0.00	26.64 -0.24 0.00	27.04 -0.25 0.00	28.00 -0.23 0.00	30.74 -0.31 0.00	26.00 -0.18 0.00	31.09 -0.41 0.00	24.17 -0.32 0.00	23.83 -0.34 0.00	23.92 -0.34 0.00	25.04 -0.38 0.00	23.63 -0.36 0.00	23.70 -0.34 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	20.71 0.95 0.00	19.11 0.84 0.00	18.52 0.85 0.00	18.40 0.81 0.00	18.09 0.76 0.00	19.89 0.91 0.00	23.11 1.14 0.00	25.30 1.37 -0.29	26.52 1.45 -0.95	28.46 1.78 -0.52	31.26 1.53 -4.57	31.97 1.56 -3.92	32.94 1.56 -4.49	35.77 1.56 -6.93	35.30 1.69 -5.38	39.04 1.86 -6.13	43.44 1.73 -15.53	49.51 2.05 -15.95	47.96 1.49 -21.98	42.52 1.35 -17.00	40.65 1.31 -15.08	34.04 1.22 -7.40	30.85 1.22 -5.64	29.48 1.27 -4.18
HARSNRAD_115KV_TB1 81005	20.36 0.59 0.00	18.53 0.26 0.00	17.58 -0.09 0.00	17.38 -0.21 0.00	17.33 0.00 0.00	19.28 0.30 0.00	21.68 -0.29 0.00	22.95 -0.73 -0.05	23.52 -0.75 -0.15	25.65 -0.60 -0.08	25.37 -0.53 -0.74	26.54 -0.58 -0.64	27.05 -0.56 -0.73	28.00 -0.41 -1.12	28.51 -0.59 -0.87	31.42 -0.62 -0.99	28.52 -0.18 -2.52	33.80 -0.28 -2.58	28.04 0.00 -3.55	26.77 -0.15 -2.75	26.58 -0.12 -2.44	26.38 -0.23 -1.20	24.71 -0.19 -0.91	24.78 0.07 -0.68
HARZA MOOSE___RIVER 24016	20.28 0.51 0.00	18.66 0.38 0.00	17.94 0.27 0.00	17.86 0.26 0.00	17.60 0.28 0.00	19.43 0.46 0.00	22.36 0.40 0.00	23.88 0.24 0.00	24.36 0.24 0.00	26.53 0.37 0.00	25.54 0.38 0.00	26.96 0.48 0.00	27.37 0.48 0.00	27.83 0.55 0.00	28.76 0.54 0.00	31.66 0.59 -0.02	26.71 0.52 0.00	32.02 0.50 -0.01	24.91 0.42 0.00	24.63 0.46 0.00	24.79 0.53 0.00	26.00 0.58 0.00	24.52 0.53 0.00	24.49 0.46 0.00

HDSNBRDG_115KV_BRDG_TB1 355580	19.90 0.14 0.00	18.33 0.05 0.00	17.64 -0.04 0.00	17.54 -0.05 0.00	17.31 -0.02 0.00	19.07 0.09 0.00	21.97 0.00 0.00	23.43 -0.24 -0.03	23.96 -0.24 -0.09	26.00 -0.21 -0.05	25.43 -0.15 -0.42	26.69 -0.16 -0.36	27.13 -0.16 -0.41	27.78 -0.14 -0.63	28.55 -0.17 -0.49	31.45 -0.19 -0.58	27.49 -0.10 -1.41	32.83 -0.13 -1.45	26.42 -0.05 -1.97	25.58 -0.12 -1.53	25.57 -0.05 -1.36	26.06 -0.03 -0.67	24.40 -0.10 -0.51	24.36 -0.05 -0.38
HELLGATE_13_KV_LD 55870	20.89 1.13 0.00	19.32 1.04 0.00	18.77 1.10 0.00	18.65 1.06 0.00	18.35 1.02 0.00	20.04 1.06 0.00	23.31 1.34 0.00	25.60 1.65 -0.31	26.92 1.78 -1.01	28.83 2.12 -0.55	31.71 1.69 -4.87	32.44 1.77 -4.18	33.45 1.77 -4.79	36.45 1.77 -7.38	35.96 2.00 -5.73	39.78 2.20 -6.53	44.88 2.15 -16.55	51.05 2.55 -17.00	49.72 1.81 -23.41	43.85 1.57 -18.11	41.78 1.46 -16.06	34.57 1.27 -7.89	31.37 1.37 -6.01	30.07 1.59 -4.45
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	20.89 1.13 0.00	19.32 1.04 0.00	18.77 1.10 0.00	18.65 1.06 0.00	18.35 1.02 0.00	20.04 1.06 0.00	23.31 1.34 0.00	25.60 1.65 -0.31	26.92 1.78 -1.01	28.83 2.12 -0.55	31.71 1.69 -4.87	32.44 1.77 -4.18	33.45 1.77 -4.79	36.45 1.77 -7.38	35.96 2.00 -5.73	39.78 2.20 -6.53	44.88 2.15 -16.55	51.05 2.55 -17.00	49.72 1.81 -23.41	43.85 1.57 -18.11	41.78 1.46 -16.06	34.57 1.27 -7.89	31.37 1.37 -6.01	30.07 1.59 -4.45
HEMPSTEAD____ 23647	28.51 1.48 -7.27	23.06 1.41 -3.38	20.72 1.38 -1.67	18.90 1.28 -0.03	20.35 1.26 -1.75	21.24 1.52 -0.74	25.79 1.78 -2.05	29.77 1.96 -4.17	31.26 2.03 -5.12	31.68 2.33 -3.19	42.28 1.94 -15.18	44.97 2.01 -16.47	44.97 1.99 -16.10	46.97 1.99 -17.69	36.38 2.29 -5.87	40.34 2.48 -6.81	49.74 2.25 -21.31	51.32 2.68 -17.14	50.38 2.03 -23.86	44.34 1.89 -18.28	42.38 1.87 -16.25	36.31 1.75 -9.14	31.92 1.85 -6.08	33.68 1.88 -7.77
HEWLETT__69_KV_BK3 55828	28.51 1.48 -7.26	23.02 1.37 -3.37	20.74 1.40 -1.67	18.99 1.37 -0.02	20.40 1.32 -1.75	21.16 1.44 -0.74	25.83 1.82 -2.04	29.94 2.13 -4.17	31.42 2.24 -5.06	31.87 2.56 -3.14	42.43 2.09 -15.18	45.16 2.20 -16.47	45.16 2.18 -16.10	47.11 2.21 -17.61	36.54 2.54 -5.77	40.48 2.76 -6.67	49.74 2.36 -21.20	51.32 2.71 -17.10	50.23 2.08 -23.66	44.24 1.91 -18.16	42.29 1.92 -16.12	36.18 1.80 -8.96	32.03 2.02 -6.03	33.84 2.04 -7.77
HICKLING___1 23621	20.61 0.85 0.00	18.86 0.58 0.00	18.06 0.39 0.00	17.93 0.33 0.00	17.78 0.45 0.00	19.70 0.72 0.00	22.58 0.62 0.00	24.12 0.40 -0.08	24.77 0.39 -0.27	26.81 0.50 -0.15	26.93 0.48 -1.29	28.18 0.58 -1.11	28.75 0.59 -1.27	29.96 0.71 -1.96	30.43 0.68 -1.52	33.55 0.75 -1.75	31.41 0.84 -4.39	37.05 1.04 -4.51	31.59 0.91 -6.20	29.71 0.75 -4.79	29.39 0.87 -4.25	28.44 0.94 -2.09	26.35 0.77 -1.59	26.10 0.89 -1.18
HICKLING___2 23622	20.61 0.85 0.00	18.86 0.58 0.00	18.06 0.39 0.00	17.93 0.33 0.00	17.78 0.45 0.00	19.70 0.72 0.00	22.58 0.62 0.00	24.12 0.40 -0.08	24.77 0.39 -0.27	26.81 0.50 -0.15	26.93 0.48 -1.29	28.18 0.58 -1.11	28.75 0.59 -1.27	29.96 0.71 -1.96	30.43 0.68 -1.52	33.55 0.75 -1.75	31.41 0.84 -4.39	37.05 1.04 -4.51	31.59 0.91 -6.20	29.71 0.75 -4.79	29.39 0.87 -4.25	28.44 0.94 -2.09	26.35 0.77 -1.59	26.10 0.89 -1.18
HIGH FALLS___HY 23754	20.71 0.95 0.00	19.11 0.84 0.00	18.48 0.81 0.00	18.38 0.79 0.00	18.07 0.75 0.00	19.85 0.87 0.00	22.96 1.12 0.12	24.70 1.32 0.26	25.87 1.37 -0.38	27.70 1.67 0.14	31.79 1.38 -5.25	32.40 1.40 -4.51	33.45 1.40 -5.16	35.86 1.36 -7.21	35.50 1.33 -5.95	38.90 1.49 -6.36	44.44 1.47 -16.80	51.70 1.80 -18.40	51.16 1.32 -25.35	44.96 1.18 -19.61	42.93 1.29 -17.39	35.17 1.22 -8.54	31.69 1.20 -6.50	30.10 1.25 -4.82
HILLBURN___GT 23639	20.85 1.09 0.00	19.17 0.90 0.00	18.54 0.87 0.00	18.39 0.79 0.00	18.11 0.78 0.00	19.95 0.97 0.00	23.13 1.16 0.00	25.26 1.32 -0.29	26.60 1.52 -0.96	28.47 1.78 -0.53	31.30 1.51 -4.63	32.03 1.56 -3.98	33.00 1.56 -4.56	35.87 1.55 -7.03	35.38 1.69 -5.46	39.13 1.86 -6.22	43.69 1.75 -15.76	49.71 2.02 -16.18	48.23 1.44 -22.29	42.69 1.28 -17.24	40.79 1.24 -15.29	34.07 1.14 -7.51	30.84 1.13 -5.72	29.47 1.20 -4.24
HILLSIDE_115KV_TB1 80332	20.20 0.43 0.00	18.51 0.24 0.00	17.71 0.04 0.00	17.58 -0.02 0.00	17.43 0.10 0.00	19.32 0.34 0.00	22.12 0.15 0.00	23.68 -0.05 -0.08	24.32 -0.07 -0.28	26.37 0.05 -0.15	26.50 0.00 -1.34	27.69 0.05 -1.15	28.26 0.05 -1.32	29.46 0.14 -2.04	29.89 0.08 -1.58	32.96 0.09 -1.82	31.03 0.29 -4.56	36.50 0.32 -4.68	31.26 0.34 -6.43	29.36 0.22 -4.97	28.99 0.32 -4.41	27.89 0.31 -2.17	25.86 0.22 -1.65	25.59 0.34 -1.22
HISHELDN_WT_PWR 323625	20.40 0.63 0.00	18.46 0.18 0.00	17.76 0.09 0.00	17.72 0.12 0.00	17.41 0.09 0.00	19.32 0.34 0.00	22.38 0.42 0.00	23.32 -0.38 -0.06	24.06 -0.24 -0.19	26.08 -0.18 -0.10	25.91 -0.15 -0.89	27.10 -0.16 -0.77	27.60 -0.16 -0.88	28.67 0.03 -1.36	29.14 -0.14 -1.05	32.13 -0.12 -1.20	29.43 0.21 -3.04	34.82 0.19 -3.12	29.13 0.34 -4.30	27.69 0.19 -3.32	27.43 0.22 -2.95	27.02 0.15 -1.45	25.22 0.12 -1.10	25.21 0.36 -0.82
HOLTSVILLE_IC_1 23690	29.03 2.00 -7.27	23.59 1.94 -3.38	21.28 1.93 -1.68	19.42 1.80 -0.03	20.85 1.77 -1.76	21.81 2.09 -0.75	26.46 2.44 -2.05	30.51 2.69 -4.17	36.98 2.68 -10.18	37.52 3.09 -8.27	43.08 2.72 -15.20	45.78 2.81 -16.49	45.75 2.77 -16.10	56.48 2.75 -26.44	47.98 3.02 -16.74	56.48 3.29 -22.14	62.17 2.96 -33.03	62.68 3.56 -27.62	73.05 2.74 -45.81	58.09 2.66 -31.26	57.69 2.64 -30.78	56.70 2.52 -28.76	38.95 2.57 -12.39	34.55 2.74 -7.78
HOLTSVILLE_IC_10 23699	29.17 2.14 -7.27	23.76 2.10 -3.38	21.42 2.07 -1.68	19.56 1.94 -0.03	20.99 1.91 -1.76	21.98 2.26 -0.75	26.63 2.61 -2.05	30.72 2.91 -4.17	37.49 2.84 -10.53	38.05 3.27 -8.62	43.28 2.92 -15.20	46.02 3.04 -16.49	45.99 3.01 -16.10	57.35 3.03 -27.03	48.97 3.27 -17.47	57.83 3.60 -23.18	63.20 3.19 -33.83	63.77 3.94 -28.32	74.83 3.04 -47.30	59.23 2.92 -32.14	58.96 2.93 -31.77	58.33 2.82 -30.09	39.64 2.83 -12.82	34.80 2.98 -7.79
HOLTSVILLE_IC_2 23691	29.03 2.00 -7.27	23.59 1.94 -3.38	21.28 1.93 -1.68	19.42 1.80 -0.03	20.85 1.77 -1.76	21.81 2.09 -0.75	26.46 2.44 -2.05	30.51 2.69 -4.17	36.98 2.68 -10.18	37.52 3.09 -8.27	43.08 2.72 -15.20	45.78 2.81 -16.49	45.75 2.77 -16.10	56.48 2.75 -26.44	47.98 3.02 -16.74	56.48 3.29 -22.14	62.17 2.96 -33.03	62.68 3.56 -27.62	73.05 2.74 -45.81	58.09 2.66 -31.26	57.69 2.64 -30.78	56.70 2.52 -28.76	38.95 2.57 -12.39	34.55 2.74 -7.78
HOLTSVILLE_IC_3 23692	29.03 2.00 -7.27	23.59 1.94 -3.38	21.28 1.93 -1.68	19.42 1.80 -0.03	20.85 1.77 -1.76	21.81 2.09 -0.75	26.46 2.44 -2.05	30.51 2.69 -4.17	36.98 2.68 -10.18	37.52 3.09 -8.27	43.08 2.72 -15.20	45.78 2.81 -16.49	45.75 2.77 -16.10	56.48 2.75 -26.44	47.98 3.02 -16.74	56.48 3.29 -22.14	62.17 2.96 -33.03	62.68 3.56 -27.62	73.05 2.74 -45.81	58.09 2.66 -31.26	57.69 2.64 -30.78	56.70 2.52 -28.76	38.95 2.57 -12.39	34.55 2.74 -7.78

HOLTSVILLE_IC_4 23693	29.03 2.00 -7.27	23.59 1.94 -3.38	21.28 1.93 -1.68	19.42 1.80 -0.03	20.85 1.77 -1.76	21.81 2.09 -0.75	26.46 2.44 -2.05	30.51 2.69 -4.17	36.98 2.68 -10.18	37.52 3.09 -8.27	43.08 2.72 -15.20	45.78 2.81 -16.49	45.75 2.77 -16.10	56.48 2.75 -26.44	47.98 3.02 -16.74	56.48 3.29 -22.14	62.17 2.96 -33.03	62.68 3.56 -27.62	73.05 2.74 -45.81	58.09 2.66 -31.26	57.69 2.64 -30.78	56.70 2.52 -28.76	38.95 2.57 -12.39	34.55 2.74 -7.78
HOLTSVILLE_IC_5 23694	29.03 2.00 -7.27	23.59 1.94 -3.38	21.28 1.93 -1.68	19.42 1.80 -0.03	20.85 1.77 -1.76	21.81 2.09 -0.75	26.46 2.44 -2.05	30.51 2.69 -4.17	36.98 2.68 -10.18	37.52 3.09 -8.27	43.08 2.72 -15.20	45.78 2.81 -16.49	45.75 2.77 -16.10	56.48 2.75 -26.44	47.98 3.02 -16.74	56.48 3.29 -22.14	62.17 2.96 -33.03	62.68 3.56 -27.62	73.05 2.74 -45.81	58.09 2.66 -31.26	57.69 2.64 -30.78	56.70 2.52 -28.76	38.95 2.57 -12.39	34.55 2.74 -7.78
HOLTSVILLE_IC_6 23695	29.17 2.14 -7.27	23.76 2.10 -3.38	21.42 2.07 -1.68	19.56 1.94 -0.03	20.99 1.91 -1.76	21.98 2.26 -0.75	26.63 2.61 -2.05	30.72 2.91 -4.17	37.49 2.84 -10.53	38.05 3.27 -8.62	43.28 2.92 -15.20	46.02 3.04 -16.49	45.99 3.01 -16.10	57.35 3.03 -27.03	48.97 3.27 -17.47	57.83 3.60 -23.18	63.20 3.19 -33.83	63.77 3.94 -28.32	74.83 3.04 -47.30	59.23 2.92 -32.14	58.96 2.93 -31.77	58.33 2.82 -30.09	39.64 2.83 -12.82	34.80 2.98 -7.79
HOLTSVILLE_IC_7 23696	29.17 2.14 -7.27	23.76 2.10 -3.38	21.42 2.07 -1.68	19.56 1.94 -0.03	20.99 1.91 -1.76	21.98 2.26 -0.75	26.63 2.61 -2.05	30.72 2.91 -4.17	37.49 2.84 -10.53	38.05 3.27 -8.62	43.28 2.92 -15.20	46.02 3.04 -16.49	45.99 3.01 -16.10	57.35 3.03 -27.03	48.97 3.27 -17.47	57.83 3.60 -23.18	63.20 3.19 -33.83	63.77 3.94 -28.32	74.83 3.04 -47.30	59.23 2.92 -32.14	58.96 2.93 -31.77	58.33 2.82 -30.09	39.64 2.83 -12.82	34.80 2.98 -7.79
HOLTSVILLE_IC_8 23697	29.17 2.14 -7.27	23.76 2.10 -3.38	21.42 2.07 -1.68	19.56 1.94 -0.03	20.99 1.91 -1.76	21.98 2.26 -0.75	26.63 2.61 -2.05	30.72 2.91 -4.17	37.49 2.84 -10.53	38.05 3.27 -8.62	43.28 2.92 -15.20	46.02 3.04 -16.49	45.99 3.01 -16.10	57.35 3.03 -27.03	48.97 3.27 -17.47	57.83 3.60 -23.18	63.20 3.19 -33.83	63.77 3.94 -28.32	74.83 3.04 -47.30	59.23 2.92 -32.14	58.96 2.93 -31.77	58.33 2.82 -30.09	39.64 2.83 -12.82	34.80 2.98 -7.79
HOLTSVILLE_IC_9 23698	29.17 2.14 -7.27	23.76 2.10 -3.38	21.42 2.07 -1.68	19.56 1.94 -0.03	20.99 1.91 -1.76	21.98 2.26 -0.75	26.63 2.61 -2.05	30.72 2.91 -4.17	37.49 2.84 -10.53	38.05 3.27 -8.62	43.28 2.92 -15.20	46.02 3.04 -16.49	45.99 3.01 -16.10	57.35 3.03 -27.03	48.97 3.27 -17.47	57.83 3.60 -23.18	63.20 3.19 -33.83	63.77 3.94 -28.32	74.83 3.04 -47.30	59.23 2.92 -32.14	58.96 2.93 -31.77	58.33 2.82 -30.09	39.64 2.83 -12.82	34.80 2.98 -7.79
HOMER_HL_115KV_TB2 355744	20.30 0.53 0.00	18.51 0.24 0.00	17.62 -0.05 0.00	17.45 -0.14 0.00	17.38 0.05 0.00	19.30 0.32 0.00	21.97 0.00 0.00	23.42 -0.28 -0.06	24.07 -0.24 -0.20	26.11 -0.16 -0.11	25.91 -0.20 -0.95	27.06 -0.24 -0.82	27.57 -0.24 -0.93	28.65 -0.08 -1.44	29.12 -0.23 -1.12	32.01 -0.31 -1.27	29.56 0.16 -3.22	34.99 0.19 -3.30	29.33 0.29 -4.55	27.83 0.15 -3.52	27.57 0.19 -3.12	27.08 0.13 -1.53	25.16 0.00 -1.17	25.18 0.29 -0.86
HOWARD_WT_PWR 323690	20.79 1.03 0.00	18.86 0.58 0.00	18.15 0.48 0.00	18.09 0.49 0.00	17.81 0.48 0.00	19.78 0.80 0.00	22.91 0.94 0.00	24.04 0.33 -0.07	24.80 0.46 -0.22	26.83 0.55 -0.12	26.78 0.55 -1.06	28.06 0.66 -0.91	28.60 0.67 -1.05	29.75 0.85 -1.61	30.21 0.73 -1.25	33.29 0.81 -1.44	30.77 0.97 -3.62	36.32 1.10 -3.72	30.63 1.03 -5.11	28.99 0.87 -3.95	28.74 0.97 -3.50	28.16 1.02 -1.72	26.19 0.89 -1.31	26.04 1.03 -0.97
HQ_GEN_CEDARS 23644	19.39 -0.38 0.00	18.00 -0.27 0.00	17.44 -0.23 0.00	17.38 -0.21 0.00	17.08 -0.24 0.00	18.66 -0.32 0.00	21.59 -0.37 0.00	23.38 -0.26 0.00	23.85 -0.27 0.00	25.77 -0.39 0.00	24.78 -0.38 0.00	26.14 -0.34 0.00	26.56 -0.32 0.00	26.96 -0.33 0.00	27.83 -0.40 0.00	30.65 -0.40 0.00	25.53 -0.65 0.00	30.69 -0.82 0.00	23.80 -0.69 0.00	23.73 -0.44 0.00	23.73 -0.53 0.00	24.99 -0.43 0.00	23.63 -0.36 0.00	23.57 -0.46 0.00
HQ_GEN_CEDARS_PROXY 323590	19.39 -0.38 0.00	18.00 -0.27 0.00	17.44 -0.23 0.00	17.38 -0.21 0.00	17.08 -0.24 0.00	18.64 -0.34 0.00	21.17 -0.39 0.40	23.83 -0.21 -0.40	23.85 -0.26 0.00	25.77 -0.39 0.00	24.78 -0.38 0.00	26.14 -0.35 0.00	26.56 -0.32 0.00	26.96 -0.33 0.00	27.83 -0.40 0.00	30.65 -0.40 0.00	25.53 -0.65 0.00	30.69 -0.82 0.00	23.80 -0.69 0.00	23.73 -0.43 0.00	23.73 -0.53 0.00	25.01 -0.41 0.00	23.81 -0.36 -0.17	23.40 -0.46 0.17
HQ_GEN_IMPORT 323601	19.39 -0.38 0.00	18.00 -0.27 0.00	17.42 -0.25 0.00	17.36 -0.23 0.00	17.08 -0.24 0.00	18.64 -0.34 0.00	21.17 -0.39 0.40	23.83 -0.21 -0.40	23.83 -0.29 0.00	25.80 -0.37 0.00	24.81 -0.35 0.00	26.14 -0.35 0.00	26.53 -0.35 0.00	26.93 -0.36 0.00	27.83 -0.40 0.00	30.65 -0.40 0.00	25.74 -0.45 0.00	30.94 -0.57 0.00	24.05 -0.44 0.00	23.83 -0.34 0.00	23.87 -0.39 0.00	25.04 -0.38 0.00	23.83 -0.34 -0.17	23.45 -0.41 0.17
HQ_GEN_WHEEL 23651	19.39 -0.38 0.00	18.00 -0.27 0.00	17.42 -0.25 0.00	17.36 -0.23 0.00	17.08 -0.24 0.00	18.64 -0.34 0.00	21.17 -0.39 0.40	23.83 -0.21 -0.40	23.83 -0.29 0.00	25.80 -0.37 0.00	24.81 -0.35 0.00	26.14 -0.35 0.00	26.53 -0.35 0.00	26.93 -0.36 0.00	27.83 -0.40 0.00	30.65 -0.40 0.00	25.74 -0.45 0.00	30.94 -0.57 0.00	24.05 -0.44 0.00	23.83 -0.34 0.00	23.87 -0.39 0.00	25.04 -0.38 0.00	23.83 -0.34 -0.17	23.45 -0.41 0.17
HUDSON_AVE_GT_3 23810	20.83 1.07 0.00	19.24 0.97 0.00	18.70 1.02 0.00	18.58 0.99 0.00	18.28 0.95 0.00	20.02 1.04 0.00	23.33 1.36 0.00	25.65 1.70 -0.31	26.96 1.83 -1.01	28.89 2.17 -0.55	31.74 1.71 -4.87	32.47 1.80 -4.18	33.45 1.77 -4.79	36.45 1.77 -7.38	35.96 2.00 -5.73	39.75 2.17 -6.53	44.83 2.09 -16.55	51.02 2.52 -17.00	49.72 1.81 -23.41	43.85 1.57 -18.11	41.83 1.50 -16.06	34.62 1.32 -7.89	31.37 1.37 -6.01	29.97 1.49 -4.45
HUDSON_AVE_GT_4 23540	20.83 1.07 0.00	19.24 0.97 0.00	18.70 1.02 0.00	18.58 0.99 0.00	18.28 0.95 0.00	20.02 1.04 0.00	23.33 1.36 0.00	25.65 1.70 -0.31	26.96 1.83 -1.01	28.89 2.17 -0.55	31.74 1.71 -4.87	32.47 1.80 -4.18	33.45 1.77 -4.79	36.45 1.77 -7.38	35.96 2.00 -5.73	39.75 2.17 -6.53	44.83 2.09 -16.55	51.02 2.52 -17.00	49.72 1.81 -23.41	43.85 1.57 -18.11	41.83 1.50 -16.06	34.62 1.32 -7.89	31.37 1.37 -6.01	29.97 1.49 -4.45
HUDSON_AVE_GT_5 23657	20.83 1.07 0.00	19.24 0.97 0.00	18.70 1.02 0.00	18.58 0.99 0.00	18.28 0.95 0.00	20.02 1.04 0.00	23.33 1.36 0.00	25.65 1.70 -0.31	26.96 1.83 -1.01	28.89 2.17 -0.55	31.74 1.71 -4.87	32.47 1.80 -4.18	33.45 1.77 -4.79	36.45 1.77 -7.38	35.96 2.00 -5.73	39.75 2.17 -6.53	44.83 2.09 -16.55	51.02 2.52 -17.00	49.72 1.81 -23.41	43.85 1.57 -18.11	41.83 1.50 -16.06	34.62 1.32 -7.89	31.37 1.37 -6.01	29.97 1.49 -4.45

HUDSON_AVE_10 24168	20.75 0.99 0.00	19.21 0.93 0.00	18.64 0.97 0.00	18.54 0.95 0.00	18.23 0.90 0.00	19.97 0.99 0.00	23.29 1.32 0.00	25.60 1.65 -0.31	26.94 1.81 -1.01	28.86 2.15 -0.55	31.66 1.64 -4.87	32.39 1.72 -4.18	33.37 1.69 -4.79	36.36 1.69 -7.38	35.85 1.89 -5.73	39.66 2.08 -6.53	44.75 2.02 -16.55	50.93 2.43 -17.00	49.64 1.74 -23.41	43.78 1.50 -18.11	41.75 1.43 -16.06	34.55 1.25 -7.89	31.32 1.32 -6.01	29.92 1.44 -4.45
HUDSON___115KV_TB 4 355613	20.63 0.87 0.00	19.02 0.75 0.00	18.50 0.83 0.00	18.42 0.83 0.00	18.11 0.78 0.00	19.83 0.85 0.00	22.24 1.12 0.85	21.47 1.35 3.52	22.35 1.35 3.12	23.57 1.44 4.04	35.05 1.31 -8.58	35.21 1.35 -7.37	36.64 1.32 -8.44	36.45 1.34 -7.82	38.16 1.44 -8.50	39.47 1.58 -6.84	49.48 1.36 -21.94	63.58 1.70 -30.37	67.68 1.35 -41.84	57.82 1.28 -32.37	54.28 1.31 -28.70	40.86 1.35 -14.09	36.02 1.30 -10.74	33.36 1.37 -7.96
HUNTER MOUNT___DRP 323613	20.71 0.95 0.00	19.10 0.82 0.00	18.59 0.92 0.00	18.51 0.91 0.00	18.19 0.87 0.00	19.91 0.93 0.00	22.58 1.27 0.66	22.49 1.51 2.67	23.46 1.52 2.18	24.75 1.60 3.01	34.38 1.36 -7.86	34.59 1.35 -6.75	35.96 1.34 -7.73	36.50 1.34 -7.88	37.64 1.41 -8.00	39.51 1.55 -6.90	48.57 1.31 -21.08	60.95 1.70 -27.75	64.09 1.37 -38.23	55.09 1.35 -29.57	51.87 1.38 -26.22	39.74 1.45 -12.87	35.14 1.34 -9.81	32.72 1.42 -7.27
HUNTINGTON_RES_REC 323705	28.93 1.90 -7.27	23.52 1.86 -3.38	21.19 1.84 -1.68	19.35 1.73 -0.03	20.77 1.68 -1.76	21.72 1.99 -0.75	26.34 2.33 -2.05	30.39 2.58 -4.17	28.30 2.56 -1.63	28.84 2.98 0.30	42.98 2.64 -15.17	45.74 2.78 -16.47	45.76 2.77 -16.10	69.93 2.78 -39.85	64.70 3.08 -33.40	80.05 3.35 -45.64	80.14 2.96 -51.00	78.70 3.59 -43.60	106.71 2.77 -79.45	77.99 2.66 -51.16	80.00 2.69 -53.05	86.76 2.52 -58.83	28.29 2.57 -1.73	34.44 2.64 -7.77
HUNTLEY___63 23557	20.46 0.69 0.00	18.62 0.35 0.00	17.65 -0.02 0.00	17.45 -0.14 0.00	17.41 0.09 0.00	19.38 0.40 0.00	21.81 -0.15 0.00	23.12 -0.57 -0.05	23.72 -0.55 -0.16	25.86 -0.39 -0.09	25.63 -0.30 -0.77	26.81 -0.34 -0.66	27.29 -0.35 -0.76	28.32 -0.14 -1.17	28.80 -0.34 -0.91	31.77 -0.31 -1.04	28.89 0.08 -2.63	34.19 0.00 -2.69	28.39 0.20 -3.70	27.06 0.02 -2.86	26.87 0.07 -2.54	26.64 -0.03 -1.25	24.89 -0.05 -0.95	24.95 0.22 -0.70
HUNTLEY___64 23558	20.46 0.69 0.00	18.62 0.35 0.00	17.65 -0.02 0.00	17.45 -0.14 0.00	17.41 0.09 0.00	19.38 0.40 0.00	21.81 -0.15 0.00	23.12 -0.57 -0.05	23.72 -0.55 -0.16	25.86 -0.39 -0.09	25.63 -0.30 -0.77	26.81 -0.34 -0.66	27.29 -0.35 -0.76	28.32 -0.14 -1.17	28.80 -0.34 -0.91	31.77 -0.31 -1.04	28.89 0.08 -2.63	34.19 0.00 -2.69	28.39 0.20 -3.70	27.06 0.02 -2.86	26.87 0.07 -2.54	26.64 -0.03 -1.25	24.89 -0.05 -0.95	24.95 0.22 -0.70
HUNTLEY___65 23559	20.46 0.69 0.00	18.62 0.35 0.00	17.65 -0.02 0.00	17.45 -0.14 0.00	17.41 0.09 0.00	19.38 0.40 0.00	21.81 -0.15 0.00	23.12 -0.57 -0.05	23.72 -0.55 -0.16	25.86 -0.39 -0.09	25.63 -0.30 -0.77	26.81 -0.34 -0.66	27.29 -0.35 -0.76	28.32 -0.14 -1.17	28.80 -0.34 -0.91	31.77 -0.31 -1.04	28.89 0.08 -2.63	34.19 0.00 -2.69	28.39 0.20 -3.70	27.06 0.02 -2.86	26.87 0.07 -2.54	26.64 -0.03 -1.25	24.89 -0.05 -0.95	24.95 0.22 -0.70
HUNTLEY___66 23560	20.46 0.69 0.00	18.62 0.35 0.00	17.65 -0.02 0.00	17.45 -0.14 0.00	17.41 0.09 0.00	19.38 0.40 0.00	21.81 -0.15 0.00	23.12 -0.57 -0.05	23.72 -0.55 -0.16	25.86 -0.39 -0.09	25.63 -0.30 -0.77	26.81 -0.34 -0.66	27.29 -0.35 -0.76	28.32 -0.14 -1.17	28.80 -0.34 -0.91	31.77 -0.31 -1.04	28.89 0.08 -2.63	34.19 0.00 -2.69	28.39 0.20 -3.70	27.06 0.02 -2.86	26.87 0.07 -2.54	26.64 -0.03 -1.25	24.89 -0.05 -0.95	24.95 0.22 -0.70
HUNTLEY___67 23561	20.32 0.55 0.00	18.49 0.22 0.00	17.57 -0.11 0.00	17.36 -0.23 0.00	17.33 0.00 0.00	19.26 0.28 0.00	21.75 -0.22 0.00	23.05 -0.64 -0.05	23.63 -0.65 -0.16	25.73 -0.52 -0.09	25.50 -0.45 -0.79	26.66 -0.50 -0.68	27.15 -0.51 -0.78	28.19 -0.30 -1.20	28.65 -0.51 -0.93	31.61 -0.50 -1.06	28.77 -0.10 -2.69	34.07 -0.19 -2.75	28.35 0.07 -3.79	27.00 -0.10 -2.93	26.81 -0.05 -2.60	26.54 -0.15 -1.28	24.80 -0.17 -0.97	24.87 0.12 -0.72
HUNTLEY___68 23562	20.32 0.55 0.00	18.49 0.22 0.00	17.57 -0.11 0.00	17.36 -0.23 0.00	17.33 0.00 0.00	19.26 0.28 0.00	21.75 -0.22 0.00	23.05 -0.64 -0.05	23.63 -0.65 -0.16	25.73 -0.52 -0.09	25.50 -0.45 -0.79	26.66 -0.50 -0.68	27.15 -0.51 -0.78	28.19 -0.30 -1.20	28.65 -0.51 -0.93	31.61 -0.50 -1.06	28.77 -0.10 -2.69	34.07 -0.19 -2.75	28.35 0.07 -3.79	27.00 -0.10 -2.93	26.81 -0.05 -2.60	26.54 -0.15 -1.28	24.80 -0.17 -0.97	24.87 0.12 -0.72
HYLAND___LFGE 323620	21.17 1.40 0.00	19.30 1.02 0.00	18.54 0.87 0.00	18.49 0.90 0.00	18.21 0.88 0.00	20.16 1.18 0.00	23.20 1.23 0.00	23.98 0.28 -0.05	24.25 -0.05 -0.10	26.18 -0.08 -0.86	25.97 -0.05 -0.74	27.04 -0.18 -0.85	27.46 -0.27 -1.31	28.46 -0.14 -1.01	29.19 -0.06 -1.16	32.11 -0.09 -2.93	29.40 0.29 -3.00	35.30 0.79 -3.00	29.73 1.10 -4.14	28.80 1.43 -3.20	28.68 1.58 -2.84	28.51 1.70 -1.39	26.54 1.49 -1.06	26.38 1.56 -0.79
INDECK___CORINTH 23802	20.89 1.13 0.00	19.24 0.97 0.00	18.59 0.92 0.00	18.49 0.90 0.00	18.21 0.88 0.00	20.08 1.10 0.00	24.03 1.30 -0.76	29.62 1.39 -4.58	33.11 1.52 -7.47	34.06 1.73 -6.17	41.21 1.33 -14.72	40.59 1.46 -12.64	42.90 1.53 -14.49	55.93 1.64 -27.01	48.39 1.38 -18.78	56.55 1.55 -23.95	84.17 1.41 -56.58	82.91 1.64 -49.77	94.60 1.54 -68.56	78.90 1.69 -53.04	73.04 1.75 -47.03	50.26 1.75 -23.09	43.17 1.58 -17.59	38.63 1.56 -13.04
INDECK___ILION 23567	19.73 -0.04 0.00	18.22 -0.05 0.00	17.53 -0.14 0.00	17.45 -0.14 0.00	17.19 -0.14 0.00	18.94 -0.04 0.00	21.84 -0.13 0.00	23.45 -0.19 0.00	23.95 -0.17 0.00	26.11 -0.05 0.00	25.14 -0.03 0.00	26.46 -0.03 0.00	26.88 0.00 0.00	27.29 0.00 0.00	28.23 0.00 0.00	31.02 -0.03 0.00	26.21 0.03 0.00	31.44 -0.06 0.00	24.44 -0.05 0.00	24.10 -0.07 0.00	24.21 -0.05 0.00	25.34 -0.08 0.00	23.92 -0.07 0.00	23.96 -0.07 0.00
INDECK___OLEAN 23982	20.34 0.57 0.00	18.46 0.18 0.00	17.74 0.07 0.00	17.65 0.05 0.00	17.36 0.03 0.00	19.30 0.32 0.00	22.38 0.42 0.00	23.39 -0.31 -0.06	24.12 -0.19 -0.20	26.12 -0.16 -0.11	25.88 -0.23 -0.95	27.06 -0.24 -0.81	27.57 -0.24 -0.93	28.64 -0.08 -1.44	29.12 -0.23 -1.12	32.01 -0.31 -1.27	29.56 0.16 -3.22	35.00 0.19 -3.30	29.34 0.29 -4.55	27.81 0.12 -3.52	27.55 0.17 -3.12	27.05 0.10 -1.53	25.14 -0.02 -1.17	25.16 0.26 -0.87
INDECK___OSWEGO 23783	19.51 -0.26 0.00	17.96 -0.31 0.00	17.35 -0.32 0.00	17.28 -0.32 0.00	17.02 -0.31 0.00	18.69 -0.28 0.00	21.59 -0.37 0.00	23.03 -0.61 0.00	23.54 -0.58 0.00	25.56 -0.60 0.00	24.61 -0.55 0.00	25.93 -0.56 0.00	26.32 -0.57 0.00	26.74 -0.55 0.00	27.63 -0.59 0.00	30.54 -0.65 -0.14	25.71 -0.47 0.00	30.96 -0.63 -0.08	24.02 -0.47 0.00	23.73 -0.43 0.00	23.87 -0.39 0.00	25.06 -0.36 0.00	23.61 -0.38 0.00	23.67 -0.36 0.00

INDECK___YERKES 23781	20.48 0.71 0.00	18.47 0.20 0.00	17.74 0.07 0.00	17.68 0.09 0.00	17.40 0.07 0.00	19.26 0.29 0.00	22.30 0.33 0.00	23.12 -0.57 -0.05	23.87 -0.41 -0.16	25.88 -0.37 -0.09	25.66 -0.28 -0.77	26.83 -0.32 -0.66	27.32 -0.32 -0.76	28.35 -0.11 -1.17	28.83 -0.31 -0.91	31.77 -0.31 -1.04	28.91 0.11 -2.62	34.23 0.03 -2.69	28.42 0.22 -3.71	27.08 0.05 -2.87	26.85 0.05 -2.54	26.64 -0.03 -1.25	24.90 -0.05 -0.95	24.98 0.24 -0.70
INDIAN POINT_GT_1 24139	20.69 0.93 0.00	19.13 0.86 0.00	18.56 0.88 0.00	18.46 0.86 0.00	18.16 0.83 0.00	19.91 0.93 0.00	23.18 1.21 0.00	25.41 1.47 -0.30	26.66 1.54 -1.00	28.54 1.83 -0.55	31.51 1.53 -4.82	32.21 1.59 -4.14	33.21 1.59 -4.74	36.18 1.58 -7.31	35.65 1.75 -5.67	39.44 1.93 -6.46	44.37 1.81 -16.38	50.53 2.21 -16.82	49.26 1.59 -23.17	43.50 1.40 -17.93	41.52 1.36 -15.90	34.49 1.27 -7.81	31.21 1.27 -5.95	29.78 1.35 -4.41
INDIAN POINT_GT_2 23659	20.69 0.93 0.00	19.13 0.86 0.00	18.56 0.88 0.00	18.46 0.86 0.00	18.16 0.83 0.00	19.91 0.93 0.00	23.18 1.21 0.00	25.41 1.47 -0.30	26.66 1.54 -1.00	28.54 1.83 -0.55	31.51 1.53 -4.82	32.21 1.59 -4.14	33.21 1.59 -4.74	36.18 1.58 -7.31	35.65 1.75 -5.67	39.44 1.93 -6.46	44.37 1.81 -16.38	50.53 2.21 -16.82	49.26 1.59 -23.17	43.50 1.40 -17.93	41.52 1.36 -15.90	34.49 1.27 -7.81	31.21 1.27 -5.95	29.78 1.35 -4.41
INDIAN POINT_GT_3 24019	20.69 0.93 0.00	19.13 0.86 0.00	18.56 0.88 0.00	18.46 0.86 0.00	18.16 0.83 0.00	19.91 0.93 0.00	23.18 1.21 0.00	25.41 1.47 -0.30	26.66 1.54 -1.00	28.54 1.83 -0.55	31.51 1.53 -4.82	32.21 1.59 -4.14	33.21 1.59 -4.74	36.18 1.58 -7.31	35.65 1.75 -5.67	39.44 1.93 -6.46	44.37 1.81 -16.38	50.53 2.21 -16.82	49.26 1.59 -23.17	43.50 1.40 -17.93	41.52 1.36 -15.90	34.49 1.27 -7.81	31.21 1.27 -5.95	29.78 1.35 -4.41
INDIAN POINT___2 23530	20.85 1.09 0.00	19.24 0.97 0.00	18.61 0.94 0.00	18.47 0.88 0.00	18.18 0.85 0.00	20.02 1.04 0.00	23.22 1.25 0.00	25.33 1.39 -0.30	26.63 1.52 -0.99	28.48 1.78 -0.54	31.40 1.48 -4.75	32.13 1.56 -4.08	33.12 1.56 -4.67	36.02 1.53 -7.21	35.52 1.69 -5.59	39.29 1.86 -6.37	44.09 1.75 -16.16	50.21 2.11 -16.59	48.89 1.54 -22.86	43.20 1.35 -17.68	41.25 1.31 -15.68	34.31 1.19 -7.70	31.08 1.22 -5.86	29.67 1.30 -4.35
INDIAN POINT___3 23531	20.69 0.93 0.00	19.11 0.84 0.00	18.54 0.87 0.00	18.44 0.84 0.00	18.14 0.81 0.00	19.89 0.91 0.00	23.15 1.19 0.00	25.39 1.44 -0.30	26.64 1.52 -1.00	28.49 1.78 -0.55	31.49 1.51 -4.82	32.19 1.56 -4.14	33.18 1.56 -4.74	36.16 1.56 -7.31	35.62 1.72 -5.67	39.38 1.86 -6.47	44.33 1.75 -16.39	50.48 2.14 -16.83	49.22 1.54 -23.19	43.48 1.38 -17.94	41.50 1.33 -15.91	34.45 1.22 -7.81	31.16 1.22 -5.95	29.74 1.30 -4.41
INGHAM_C_115KV_TB7 356103	19.39 -0.38 0.00	17.91 -0.37 0.00	17.19 -0.48 0.00	17.10 -0.49 0.00	16.86 -0.47 0.00	18.62 -0.36 0.00	21.44 -0.53 0.00	23.03 -0.61 0.00	23.52 -0.60 0.00	25.72 -0.44 0.00	24.78 -0.38 0.00	26.12 -0.37 0.00	26.53 -0.35 0.00	26.93 -0.35 0.00	27.86 -0.37 0.00	30.62 -0.43 0.00	25.89 -0.29 0.00	30.97 -0.54 0.00	24.07 -0.42 0.00	23.73 -0.44 0.00	23.82 -0.44 0.00	24.93 -0.48 0.00	23.54 -0.46 0.00	23.60 -0.43 0.00
IP CORINTH___1 23988	20.91 1.15 0.00	19.24 0.97 0.00	18.63 0.95 0.00	18.54 0.95 0.00	18.25 0.92 0.00	20.08 1.10 0.00	24.09 1.36 -0.76	29.78 1.56 -4.58	33.26 1.66 -7.47	34.22 1.88 -6.17	41.37 1.48 -14.72	40.72 1.59 -12.64	43.06 1.69 -14.49	56.07 1.77 -27.01	48.56 1.55 -18.78	56.74 1.74 -23.95	84.33 1.57 -56.58	83.10 1.83 -49.77	94.74 1.69 -68.56	79.04 1.84 -53.04	73.19 1.89 -47.03	50.42 1.91 -23.09	43.31 1.73 -17.59	38.77 1.71 -13.04
IP___TICONDEROGA 23804	22.12 2.35 0.00	20.30 2.03 0.00	19.58 1.91 0.00	19.49 1.90 0.00	19.18 1.85 0.00	21.28 2.30 0.00	25.45 2.64 -0.84	31.57 2.98 -4.95	35.24 3.21 -7.92	36.48 3.69 -6.63	42.94 3.12 -14.66	42.47 3.39 -12.59	44.86 3.55 -14.43	58.43 3.74 -27.40	50.67 3.58 -18.86	59.36 4.01 -24.31	86.79 3.56 -57.05	85.08 4.10 -49.48	96.18 3.53 -68.16	80.50 3.60 -52.73	74.76 3.74 -46.76	52.14 3.76 -22.96	44.86 3.38 -17.49	40.24 3.24 -12.96
ISLIP_RES_REC 323679	29.27 2.23 -7.27	23.85 2.19 -3.38	21.52 2.17 -1.68	19.66 2.04 -0.03	21.08 1.99 -1.76	22.08 2.35 -0.75	26.76 2.75 -2.05	30.89 3.07 -4.17	37.16 2.99 -10.05	37.76 3.45 -8.14	43.45 3.09 -15.20	46.21 3.23 -16.49	46.18 3.20 -16.10	56.72 3.22 -26.21	48.18 3.50 -16.45	56.61 3.82 -21.74	62.31 3.40 -32.73	63.04 4.19 -27.34	72.96 3.23 -45.24	58.21 3.12 -30.92	57.79 3.13 -30.40	56.69 3.02 -28.25	39.24 3.02 -12.22	34.94 3.12 -7.79
JAMAICA__27_KV_LOAD 355505	20.81 1.05 0.00	19.26 0.99 0.00	18.71 1.04 0.00	18.60 1.00 0.00	18.30 0.97 0.00	20.04 1.06 0.00	23.42 1.45 0.00	25.79 1.84 -0.31	27.13 2.00 -1.01	29.07 2.35 -0.55	31.76 1.74 -4.87	32.50 1.83 -4.18	33.42 1.75 -4.79	36.42 1.75 -7.38	35.93 1.98 -5.73	39.75 2.17 -6.53	44.88 2.15 -16.55	51.08 2.58 -17.00	49.79 1.89 -23.41	43.90 1.62 -18.11	41.85 1.53 -16.06	34.62 1.32 -7.89	31.46 1.46 -6.01	30.09 1.61 -4.45
JANIS___SOLAR 323808	20.99 1.23 0.00	19.19 0.91 0.00	18.50 0.83 0.00	18.42 0.83 0.00	18.18 0.85 0.00	20.06 1.08 0.00	23.22 1.25 0.00	24.69 0.95 -0.10	25.37 0.92 -0.34	27.32 0.97 -0.18	27.76 0.98 -1.62	28.94 1.06 -1.39	29.58 1.10 -1.60	30.95 1.20 -2.46	31.35 1.21 -1.91	34.65 1.40 -2.20	32.98 1.28 -5.52	38.80 1.64 -5.66	33.71 1.44 -7.78	31.59 1.40 -6.02	31.17 1.58 -5.34	29.71 1.68 -2.62	27.43 1.44 -2.00	26.98 1.47 -1.48
JARVIS____ 23743	19.86 0.10 0.00	18.33 0.05 0.00	17.72 0.05 0.00	17.65 0.05 0.00	17.38 0.05 0.00	19.06 0.08 0.00	22.03 0.07 0.00	23.69 0.05 0.00	24.19 0.07 0.00	26.27 0.11 0.00	25.26 0.10 0.00	26.59 0.11 0.00	26.99 0.11 0.00	27.40 0.11 0.00	28.34 0.11 0.00	31.17 0.12 0.00	26.31 0.13 0.00	31.63 0.13 0.00	24.59 0.10 0.00	24.24 0.07 0.00	24.36 0.10 0.00	25.49 0.08 0.00	24.06 0.07 0.00	24.13 0.10 0.00
JENNISON___1 23625	21.13 1.36 0.00	19.37 1.10 0.00	18.59 0.92 0.00	18.51 0.91 0.00	18.30 0.97 0.00	20.25 1.27 0.00	23.29 1.32 0.00	24.97 1.18 -0.15	25.77 1.16 -0.49	27.84 1.41 -0.27	28.90 1.38 -2.35	30.05 1.54 -2.02	30.81 1.61 -2.32	32.58 1.72 -3.57	32.72 1.72 -2.77	36.12 1.89 -3.18	35.89 1.70 -8.00	41.71 2.02 -8.19	37.42 1.67 -11.26	34.48 1.60 -8.71	33.76 1.77 -7.73	31.02 1.80 -3.79	28.54 1.66 -2.89	27.83 1.66 -2.14
JENNISON___2 23626	21.13 1.36 0.00	19.37 1.10 0.00	18.59 0.92 0.00	18.51 0.91 0.00	18.30 0.97 0.00	20.25 1.27 0.00	23.29 1.32 0.00	24.97 1.18 -0.15	25.77 1.16 -0.49	27.84 1.41 -0.27	28.90 1.38 -2.35	30.05 1.54 -2.02	30.81 1.61 -2.32	32.58 1.72 -3.57	32.72 1.72 -2.77	36.12 1.89 -3.18	35.89 1.70 -8.00	41.71 2.02 -8.19	37.42 1.67 -11.26	34.48 1.60 -8.71	33.76 1.77 -7.73	31.02 1.80 -3.79	28.54 1.66 -2.89	27.83 1.66 -2.14

JERICO_RISE_WT_PWR 323719	19.49 -0.28 0.00	18.16 -0.11 0.00	17.67 0.00 0.00	17.65 0.05 0.00	17.38 0.05 0.00	19.02 0.04 0.00	22.12 0.15 0.00	24.11 0.47 0.00	24.50 0.38 0.00	26.40 0.23 0.00	25.41 0.25 0.00	26.81 0.32 0.00	27.23 0.35 0.00	27.67 0.38 0.00	28.51 0.28 0.00	31.42 0.37 0.00	25.81 -0.37 0.00	31.06 -0.44 0.00	24.15 -0.34 0.00	24.14 -0.02 0.00	24.07 -0.19 0.00	25.52 0.10 0.00	24.04 0.05 0.00	23.96 -0.07 0.00
KATONAH__115KV_46KV_TB4 355592	20.81 1.05 0.00	19.24 0.97 0.00	18.66 0.99 0.00	18.56 0.97 0.00	18.25 0.92 0.00	20.00 1.02 0.00	23.29 1.32 0.00	25.51 1.56 -0.31	26.83 1.69 -1.03	28.76 2.04 -0.56	31.86 1.76 -4.93	32.55 1.83 -4.24	33.57 1.83 -4.86	36.60 1.83 -7.49	36.07 2.03 -5.81	39.94 2.27 -6.62	45.00 2.04 -16.78	51.23 2.49 -17.23	50.04 1.81 -23.74	44.15 1.62 -18.36	42.12 1.58 -16.29	34.91 1.50 -8.00	31.55 1.46 -6.09	30.06 1.51 -4.51
KCE_NY_1 323755	21.05 1.28 0.00	19.41 1.13 0.00	18.75 1.08 0.00	18.65 1.06 0.00	18.38 1.06 0.00	20.25 1.27 0.00	24.39 1.47 -0.95	30.71 1.58 -5.48	34.35 1.69 -8.54	35.33 1.88 -7.28	41.42 1.69 -14.58	40.78 1.77 -12.52	43.06 1.83 -14.35	57.15 1.91 -27.95	49.09 1.89 -18.97	57.97 2.11 -24.80	85.72 1.83 -57.71	82.72 2.14 -49.07	93.86 1.76 -67.60	78.22 1.76 -52.29	72.43 1.80 -46.37	50.02 1.83 -22.77	43.06 1.73 -17.34	38.62 1.73 -12.85
KCE_NY_6_ESR 323823	20.52 0.75 0.00	18.55 0.27 0.00	17.83 0.16 0.00	17.77 0.18 0.00	17.47 0.14 0.00	19.38 0.40 0.00	22.45 0.48 0.00	23.31 -0.38 -0.05	24.07 -0.22 -0.17	26.13 -0.13 -0.09	25.89 -0.10 -0.83	27.09 -0.11 -0.71	27.59 0.11 -0.82	28.66 0.11 -1.26	29.12 -0.08 -0.98	32.10 -0.06 -1.11	29.32 0.32 -2.82	34.68 0.28 -2.89	28.89 0.42 -3.98	27.49 0.24 -3.08	27.26 0.27 -2.73	26.94 0.18 -1.34	25.14 0.12 -1.02	25.20 0.41 -0.76
KEDC_PORT_JEFF_GT2 24210	29.13 2.09 -7.27	23.70 2.05 -3.38	21.36 2.01 -1.68	19.51 1.88 -0.03	20.94 1.85 -1.76	21.91 2.18 -0.75	26.56 2.55 -2.05	30.65 2.84 -4.17	38.10 2.80 -11.18	38.66 3.22 -9.27	43.23 2.87 -15.20	45.97 2.99 -16.49	45.94 2.96 -16.10	58.43 2.97 -28.16	50.32 3.22 -18.88	59.75 3.54 -25.17	64.51 2.98 -35.34	64.83 3.65 -29.67	77.45 2.82 -50.14	60.77 2.78 -33.82	60.77 2.86 -33.65	60.77 2.72 -32.63	40.38 2.76 -13.63	34.70 2.88 -7.79
KEDC_PORT_JEFF_GT3 24211	29.13 2.09 -7.27	23.70 2.05 -3.38	21.36 2.01 -1.68	19.51 1.88 -0.03	20.94 1.85 -1.76	21.91 2.18 -0.75	26.56 2.55 -2.05	30.65 2.84 -4.17	38.10 2.80 -11.18	38.66 3.22 -9.27	43.23 2.87 -15.20	45.97 2.99 -16.49	45.94 2.96 -16.10	58.43 2.97 -28.16	50.32 3.22 -18.88	59.75 3.54 -25.17	64.51 2.98 -35.34	64.83 3.65 -29.67	77.45 2.82 -50.14	60.77 2.78 -33.82	60.77 2.86 -33.65	60.77 2.72 -32.63	40.38 2.76 -13.63	34.70 2.88 -7.79
KEDC_GLWD_GT4 24219	28.51 1.48 -7.27	23.00 1.35 -3.38	20.67 1.33 -1.67	18.87 1.25 -0.02	20.29 1.21 -1.75	21.18 1.46 -0.74	25.75 1.74 -2.04	29.72 1.91 -4.17	31.23 2.00 -5.11	31.71 2.36 -3.19	42.21 1.86 -15.18	44.92 1.96 -16.47	44.94 1.96 -16.10	46.94 1.97 -17.69	36.30 2.20 -5.87	40.25 2.39 -6.81	49.69 2.20 -21.31	51.28 2.61 -17.16	50.29 1.93 -23.86	44.24 1.79 -18.28	42.24 1.72 -16.25	36.16 1.60 -9.14	31.85 1.78 -6.08	33.63 1.83 -7.77
KEDC_GLWD_GT5 24220	28.51 1.48 -7.27	23.00 1.35 -3.38	20.67 1.33 -1.67	18.87 1.25 -0.02	20.29 1.21 -1.75	21.18 1.46 -0.74	25.75 1.74 -2.04	29.72 1.91 -4.17	31.23 2.00 -5.11	31.71 2.36 -3.19	42.21 1.86 -15.18	44.92 1.96 -16.47	44.94 1.96 -16.10	46.94 1.97 -17.69	36.30 2.20 -5.87	40.25 2.39 -6.81	49.69 2.20 -21.31	51.28 2.61 -17.16	50.29 1.93 -23.86	44.24 1.79 -18.28	42.24 1.72 -16.25	36.16 1.60 -9.14	31.85 1.78 -6.08	33.63 1.83 -7.77
KENSICO____ 23655	20.75 0.99 0.00	19.19 0.91 0.00	18.63 0.95 0.00	18.51 0.91 0.00	18.21 0.88 0.00	19.95 0.97 0.00	23.24 1.27 0.00	25.51 1.56 -0.31	26.77 1.64 -1.01	28.65 1.94 -0.55	31.63 1.61 -4.86	32.35 1.70 -4.17	33.36 1.69 -4.78	36.35 1.69 -7.37	35.81 1.86 -5.72	39.58 2.02 -6.52	44.61 1.91 -16.52	50.80 2.33 -16.96	49.52 1.67 -23.36	43.74 1.50 -18.07	41.72 1.43 -16.03	34.61 1.32 -7.87	31.31 1.32 -5.99	29.89 1.42 -4.44
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	20.71 0.95 0.00	19.11 0.84 0.00	18.50 0.83 0.00	18.40 0.81 0.00	18.07 0.75 0.00	19.85 0.87 0.00	23.04 1.14 0.08	24.91 1.32 0.05	26.07 1.37 -0.58	27.92 1.65 -0.11	31.42 1.41 -4.85	32.08 1.43 -4.17	33.08 1.42 -4.77	35.58 1.39 -6.90	35.06 1.27 -5.57	38.57 1.43 -6.09	43.47 1.44 -15.85	50.28 1.80 -16.98	49.18 1.30 -23.39	43.47 1.21 -18.09	41.66 1.36 -16.04	34.59 1.30 -7.88	31.26 1.27 -6.00	29.80 1.32 -4.45
KIAC_JFK_GT1 23816	20.71 0.95 0.00	19.15 0.88 0.00	18.64 0.97 0.00	18.53 0.93 0.00	18.23 0.90 0.00	19.95 0.97 0.00	23.33 1.36 0.00	25.67 1.73 -0.31	27.01 1.88 -1.01	28.94 2.22 -0.55	31.61 1.59 -4.87	32.36 1.70 -4.18	33.18 1.51 -4.79	36.17 1.50 -7.38	35.68 1.72 -5.73	39.47 1.89 -6.53	44.59 1.86 -16.55	50.77 2.27 -17.00	49.55 1.64 -23.41	43.66 1.38 -18.11	41.63 1.31 -16.06	34.40 1.09 -7.89	31.27 1.27 -6.01	29.95 1.47 -4.45
KIAC_JFK_GT2 23817	20.71 0.95 0.00	19.15 0.88 0.00	18.64 0.97 0.00	18.53 0.93 0.00	18.23 0.90 0.00	19.95 0.97 0.00	23.33 1.36 0.00	25.67 1.73 -0.31	27.01 1.88 -1.01	28.94 2.22 -0.55	31.61 1.59 -4.87	32.36 1.70 -4.18	33.18 1.51 -4.79	36.17 1.50 -7.38	35.68 1.72 -5.73	39.47 1.89 -6.53	44.59 1.86 -16.55	50.77 2.27 -17.00	49.55 1.64 -23.41	43.66 1.38 -18.11	41.63 1.31 -16.06	34.40 1.09 -7.89	31.27 1.27 -6.01	29.95 1.47 -4.45
KIAC_JFK____ 323774	20.95 1.19 0.00	19.33 1.06 0.00	18.73 1.06 0.00	18.56 0.97 0.00	18.28 0.95 0.00	20.14 1.16 0.00	23.42 1.45 0.00	25.65 1.70 -0.31	26.99 1.86 -1.01	28.94 2.22 -0.55	31.61 1.59 -4.87	32.36 1.70 -4.18	33.18 1.50 -4.79	36.17 1.50 -7.38	35.68 1.72 -5.73	39.47 1.89 -6.53	44.59 1.86 -16.55	50.77 2.27 -17.00	49.55 1.64 -23.42	43.66 1.38 -18.11	41.63 1.31 -16.06	34.40 1.09 -7.89	31.27 1.27 -6.01	29.97 1.49 -4.45
KINTIGH____ 23543	20.14 0.38 0.00	18.36 0.09 0.00	17.50 -0.18 0.00	17.31 -0.28 0.00	17.24 -0.09 0.00	19.13 0.15 0.00	21.68 -0.29 0.00	23.00 -0.69 -0.04	23.56 -0.70 -0.14	25.61 -0.63 -0.08	25.30 -0.53 -0.67	26.45 -0.61 -0.57	26.95 -0.59 -0.66	27.86 -0.44 -1.01	28.39 -0.62 -0.78	31.35 -0.59 -0.89	28.16 -0.29 -2.27	33.45 -0.38 -2.32	27.59 -0.10 -3.19	26.44 -0.19 -2.47	26.28 -0.17 -2.19	26.21 -0.28 -1.08	24.55 -0.26 -0.82	24.59 -0.05 -0.61
KNTFSRNC_46_KV_46KV_LOAD 80397	19.74 -0.02 0.00	18.29 0.02 0.00	17.88 0.21 0.00	17.86 0.26 0.00	17.57 0.24 0.00	19.21 0.23 0.00	22.43 0.46 0.00	24.44 0.80 0.00	24.91 0.80 0.00	26.74 0.58 0.00	25.71 0.55 0.00	27.15 0.66 0.00	27.61 0.73 0.00	28.08 0.79 0.00	28.88 0.65 0.00	31.86 0.81 0.00	26.00 -0.18 0.00	31.16 -0.35 0.00	24.32 -0.17 0.00	24.39 0.22 0.00	24.29 0.02 0.00	25.90 0.48 0.00	24.38 0.38 0.00	24.27 0.24 0.00

LACHUTE____HYDRO 323717	22.21 2.45 0.00	20.34 2.06 0.00	19.63 1.96 0.00	19.53 1.94 0.00	19.23 1.91 0.00	21.29 2.31 0.00	25.51 2.70 -0.84	31.55 2.95 -4.95	35.34 3.30 -7.92	36.49 3.69 -6.63	42.94 3.12 -14.66	42.47 3.39 -12.59	44.86 3.55 -14.43	58.43 3.74 -27.40	50.67 3.59 -18.86	59.36 4.01 -24.30	86.79 3.56 -57.05	85.05 4.07 -49.48	96.18 3.53 -68.16	80.50 3.60 -52.73	74.76 3.73 -46.76	52.14 3.76 -22.96	44.86 3.38 -17.49	40.24 3.24 -12.96
LAWRNCAV_115KV_TB1 80681	19.39 -0.38 0.00	17.98 -0.29 0.00	17.42 -0.25 0.00	17.36 -0.23 0.00	17.08 -0.24 0.00	18.66 -0.32 0.00	21.55 -0.42 0.00	23.24 -0.40 0.00	23.68 -0.43 0.00	25.59 -0.58 0.00	24.61 -0.55 0.00	25.98 -0.50 0.00	26.40 -0.48 0.00	26.82 -0.46 0.00	27.69 -0.54 0.00	30.41 -0.65 -0.01	25.24 -0.94 0.00	30.31 -1.20 0.00	23.53 -0.96 0.00	23.49 -0.68 0.00	23.51 -0.75 0.00	24.83 -0.58 0.00	23.54 -0.46 0.00	23.45 -0.58 0.00
LEDERLE____ 23769	20.75 0.99 0.00	19.17 0.90 0.00	18.57 0.90 0.00	18.47 0.88 0.00	18.16 0.83 0.00	19.93 0.95 0.00	23.20 1.23 0.00	25.42 1.49 -0.29	26.68 1.59 -0.97	28.58 1.88 -0.53	31.43 1.59 -4.68	32.18 1.67 -4.02	33.13 1.64 -4.61	36.03 1.64 -7.10	35.55 1.81 -5.51	39.32 1.99 -6.28	43.96 1.86 -15.92	50.06 2.21 -16.35	48.63 1.62 -22.52	43.04 1.45 -17.42	41.12 1.41 -15.45	34.30 1.30 -7.59	31.07 1.30 -5.78	29.66 1.35 -4.28
LIGHTHSE_115KV_TB6 355974	20.04 0.28 0.00	18.44 0.16 0.00	17.74 0.07 0.00	17.65 0.05 0.00	17.43 0.10 0.00	19.21 0.23 0.00	22.10 0.13 0.00	23.48 -0.17 0.00	23.88 -0.24 0.00	26.14 -0.03 0.00	25.01 -0.15 0.00	26.43 -0.05 0.00	26.83 -0.05 0.00	27.29 0.00 0.00	28.20 -0.03 0.00	31.26 0.12 -0.09	26.26 0.08 0.00	31.44 -0.09 -0.03	24.49 0.00 0.00	24.10 -0.07 0.00	24.26 0.00 0.00	25.52 0.10 0.00	24.04 0.05 0.00	24.06 0.02 0.00
LINDEN COGEN____ 23786	20.89 1.13 0.00	19.26 0.99 0.00	18.63 0.95 0.00	18.47 0.88 0.00	18.19 0.87 0.00	20.04 1.06 0.00	23.26 1.30 0.00	25.44 1.49 -0.31	26.79 1.66 -1.01	28.73 2.01 -0.55	31.56 1.53 -4.87	32.26 1.59 -4.18	33.23 1.56 -4.79	36.23 1.55 -7.38	35.71 1.75 -5.73	39.47 1.89 -6.53	44.62 1.89 -16.55	50.74 2.24 -17.00	49.50 1.59 -23.42	43.63 1.35 -18.11	41.61 1.28 -16.06	34.42 1.12 -7.89	31.17 1.18 -6.01	29.76 1.27 -4.45
LINDHRST_69_KV_BK1 356055	28.79 1.76 -7.27	23.26 1.61 -3.38	21.03 1.68 -1.68	19.29 1.67 -0.03	20.71 1.63 -1.76	21.43 1.71 -0.75	26.24 2.22 -2.05	30.41 2.60 -4.17	32.46 2.73 -5.62	32.82 2.96 -3.70	42.94 2.59 -15.19	45.67 2.70 -16.48	45.67 2.69 -16.10	48.56 2.73 -18.55	38.18 3.02 -6.94	42.68 3.32 -8.31	51.60 2.96 -22.46	53.25 3.56 -18.18	53.25 2.74 -26.02	46.29 2.56 -19.56	44.49 2.55 -17.68	38.88 2.39 -11.07	33.19 2.50 -6.70	34.33 2.52 -7.78
LIPA_MISC_IPP 23656	28.99 1.96 -7.27	23.43 1.77 -3.38	21.26 1.91 -1.68	19.50 1.88 -0.03	20.94 1.85 -1.76	21.62 1.90 -0.75	26.52 2.50 -2.05	30.79 2.98 -4.17	37.48 3.11 -10.25	37.77 3.27 -8.34	43.25 2.89 -15.20	45.99 3.02 -16.49	45.94 2.96 -16.10	56.82 2.97 -26.55	48.35 3.25 -16.88	56.93 3.54 -22.34	62.56 3.19 -33.19	63.17 3.91 -27.75	73.60 3.01 -46.10	58.45 2.85 -31.43	58.07 2.84 -30.97	57.11 2.67 -29.02	39.29 2.83 -12.47	34.75 2.93 -7.78
LISF____SOLAR 323691	29.21 2.17 -7.27	23.76 2.10 -3.38	21.45 2.10 -1.68	19.57 1.95 -0.03	20.99 1.91 -1.76	21.98 2.26 -0.75	26.65 2.64 -2.05	30.75 2.93 -4.17	37.35 2.92 -10.31	37.89 3.32 -8.40	43.30 2.94 -15.20	46.07 3.10 -16.49	45.99 3.01 -16.10	57.01 3.06 -26.66	48.54 3.30 -17.02	57.22 3.63 -22.54	62.79 3.27 -33.33	63.36 3.97 -27.89	73.93 3.06 -46.38	58.71 2.95 -31.60	58.38 2.96 -31.16	57.53 2.85 -29.27	39.42 2.88 -12.55	34.84 3.03 -7.78
LITTLE FALLS____HYD 24013	19.39 -0.38 0.00	17.91 -0.37 0.00	17.19 -0.48 0.00	17.10 -0.49 0.00	16.86 -0.47 0.00	18.62 -0.36 0.00	21.44 -0.53 0.00	23.03 -0.61 0.00	23.52 -0.60 0.00	25.72 -0.44 0.00	24.78 -0.38 0.00	26.12 -0.37 0.00	26.53 -0.35 0.00	26.93 -0.35 0.00	27.86 -0.37 0.00	30.62 -0.43 0.00	25.89 -0.29 0.00	30.97 -0.54 0.00	24.07 -0.42 0.00	23.73 -0.44 0.00	23.82 -0.44 0.00	24.93 -0.48 0.00	23.54 -0.46 0.00	23.60 -0.43 0.00
LITTLRIV_115KV_TB1 356100	19.57 -0.20 0.00	18.13 -0.15 0.00	17.55 -0.12 0.00	17.49 -0.11 0.00	17.21 -0.12 0.00	18.83 -0.15 0.00	21.73 -0.24 0.00	23.40 -0.24 0.00	23.85 -0.27 0.00	25.80 -0.37 0.00	24.83 -0.33 0.00	26.22 -0.26 0.00	26.69 -0.19 0.00	27.10 -0.19 0.00	27.97 -0.25 0.00	30.72 -0.34 -0.01	25.53 -0.65 0.00	30.59 -0.91 0.00	23.73 -0.76 0.00	23.73 -0.44 0.00	23.75 -0.51 0.00	25.09 -0.33 0.00	23.78 -0.22 0.00	23.67 -0.36 0.00
LI_NEWBRDGE____DRP 323616	28.34 1.30 -7.27	22.84 1.19 -3.38	20.60 1.25 -1.68	18.87 1.25 -0.03	20.30 1.21 -1.76	21.00 1.27 -0.75	25.71 1.69 -2.05	29.80 1.99 -4.18	31.25 2.07 -5.05	31.62 2.33 -3.13	42.31 1.96 -15.19	45.00 2.04 -16.48	45.03 2.04 -16.10	46.87 2.02 -17.57	36.26 2.31 -5.72	40.16 2.52 -6.59	49.58 2.25 -21.15	51.20 2.65 -17.05	50.08 2.03 -23.55	44.13 1.86 -18.10	42.18 1.87 -16.05	35.96 1.68 -8.87	31.81 1.82 -6.00	33.63 1.83 -7.77
LOCKPORT_115KV_TB60_63_64 80432	20.36 0.59 0.00	18.53 0.26 0.00	17.58 -0.09 0.00	17.38 -0.21 0.00	17.34 0.02 0.00	19.28 0.30 0.00	21.68 -0.29 0.00	22.95 -0.73 -0.05	23.52 -0.75 -0.15	25.62 -0.63 -0.08	25.39 -0.50 -0.73	26.54 -0.58 -0.63	27.04 -0.56 -0.72	27.99 -0.41 -1.11	28.50 -0.59 -0.86	31.41 -0.62 -0.98	28.50 -0.18 -2.50	33.78 -0.28 -2.55	28.01 0.00 -3.52	26.75 -0.15 -2.72	26.55 -0.12 -2.41	26.37 -0.23 -1.19	24.70 -0.19 -0.90	24.77 0.07 -0.67
LOCKPORT____CC1 323769	20.26 0.49 0.00	18.29 0.02 0.00	17.64 -0.04 0.00	17.59 0.00 0.00	17.24 -0.09 0.00	19.17 0.19 0.00	22.17 0.20 0.00	22.93 -0.76 -0.05	23.65 -0.63 -0.15	25.65 -0.60 -0.08	25.37 -0.53 -0.74	26.54 -0.58 -0.64	27.02 -0.59 -0.73	28.00 -0.41 -1.12	28.51 -0.59 -0.87	31.42 -0.62 -0.99	28.52 -0.18 -2.52	33.77 -0.32 -2.58	28.05 0.00 -3.56	26.78 -0.14 -2.75	26.56 -0.14 -2.44	26.36 -0.25 -1.20	24.69 -0.22 -0.91	24.78 0.07 -0.68
LOCKPORT____CC2 323770	20.26 0.49 0.00	18.29 0.02 0.00	17.64 -0.04 0.00	17.59 0.00 0.00	17.24 -0.09 0.00	19.17 0.19 0.00	22.17 0.20 0.00	22.93 -0.76 -0.05	23.65 -0.63 -0.15	25.65 -0.60 -0.08	25.37 -0.53 -0.74	26.54 -0.58 -0.64	27.02 -0.59 -0.73	28.00 -0.41 -1.12	28.51 -0.59 -0.87	31.42 -0.62 -0.99	28.52 -0.18 -2.52	33.77 -0.32 -2.58	28.05 0.00 -3.56	26.78 -0.14 -2.75	26.56 -0.14 -2.44	26.36 -0.25 -1.20	24.69 -0.22 -0.91	24.78 0.07 -0.68
LOCKPORT____CC3 323771	20.26 0.49 0.00	18.29 0.02 0.00	17.64 -0.04 0.00	17.59 0.00 0.00	17.24 -0.09 0.00	19.17 0.19 0.00	22.17 0.20 0.00	22.93 -0.76 -0.05	23.65 -0.63 -0.15	25.65 -0.60 -0.08	25.37 -0.53 -0.74	26.54 -0.58 -0.64	27.02 -0.59 -0.73	28.00 -0.41 -1.12	28.51 -0.59 -0.87	31.42 -0.62 -0.99	28.52 -0.18 -2.52	33.77 -0.32 -2.58	28.05 0.00 -3.56	26.78 -0.14 -2.75	26.56 -0.14 -2.44	26.36 -0.25 -1.20	24.69 -0.22 -0.91	24.78 0.07 -0.68

LONG_LAKE_PHOENIX 24014	19.78 0.02 0.00	18.22 -0.05 0.00	17.53 -0.14 0.00	17.43 -0.16 0.00	17.22 -0.10 0.00	18.96 -0.02 0.00	21.84 -0.13 0.00	23.26 -0.38 0.00	23.68 -0.43 0.00	25.77 -0.39 0.00	24.83 -0.33 0.00	26.17 -0.32 0.00	26.56 -0.32 0.00	26.99 -0.30 0.00	27.89 -0.34 0.00	30.81 -0.34 -0.10	25.97 -0.21 0.00	31.25 -0.32 -0.06	24.29 -0.20 0.00	23.90 -0.27 0.00	24.07 -0.19 0.00	25.26 -0.15 0.00	23.78 -0.22 0.00	23.86 -0.17 0.00
LOVETT___3 23632	20.65 0.89 0.00	19.08 0.80 0.00	18.50 0.83 0.00	18.40 0.81 0.00	18.09 0.76 0.00	19.85 0.87 0.00	23.11 1.14 0.00	25.33 1.39 -0.30	26.57 1.47 -0.98	28.45 1.75 -0.53	31.32 1.46 -4.70	32.04 1.51 -4.04	33.01 1.51 -4.63	35.92 1.50 -7.13	35.43 1.67 -5.54	39.16 1.80 -6.31	43.87 1.70 -15.99	50.00 2.08 -16.42	48.61 1.49 -22.62	43.00 1.33 -17.50	41.07 1.29 -15.52	34.21 1.17 -7.62	30.97 1.18 -5.80	29.58 1.25 -4.30
LOVETT___4 23642	20.65 0.89 0.00	19.08 0.80 0.00	18.50 0.83 0.00	18.40 0.81 0.00	18.09 0.76 0.00	19.85 0.87 0.00	23.11 1.14 0.00	25.33 1.39 -0.30	26.57 1.47 -0.98	28.45 1.75 -0.53	31.32 1.46 -4.70	32.04 1.51 -4.04	33.01 1.51 -4.63	35.92 1.50 -7.13	35.43 1.67 -5.54	39.16 1.80 -6.31	43.87 1.70 -15.99	50.00 2.08 -16.42	48.61 1.49 -22.62	43.00 1.33 -17.50	41.07 1.29 -15.52	34.21 1.17 -7.62	30.97 1.18 -5.80	29.58 1.25 -4.30
LOVETT___5 23593	20.65 0.89 0.00	19.08 0.80 0.00	18.50 0.83 0.00	18.40 0.81 0.00	18.09 0.76 0.00	19.85 0.87 0.00	23.11 1.14 0.00	25.33 1.39 -0.30	26.57 1.47 -0.98	28.45 1.75 -0.53	31.32 1.46 -4.70	32.04 1.51 -4.04	33.01 1.51 -4.63	35.92 1.50 -7.13	35.43 1.67 -5.54	39.16 1.80 -6.31	43.87 1.70 -15.99	50.00 2.08 -16.42	48.61 1.49 -22.62	43.00 1.33 -17.50	41.07 1.29 -15.52	34.21 1.17 -7.62	30.97 1.18 -5.80	29.58 1.25 -4.30
LOWER_RAQUET___HYD 24057	19.37 -0.40 0.00	17.96 -0.31 0.00	17.42 -0.25 0.00	17.36 -0.23 0.00	17.07 -0.26 0.00	18.64 -0.34 0.00	21.51 -0.46 0.00	23.22 -0.42 0.00	23.61 -0.51 0.00	25.51 -0.65 0.00	24.56 -0.60 0.00	25.90 -0.58 0.00	26.35 -0.54 0.00	26.74 -0.55 0.00	27.61 -0.62 0.00	30.32 -0.75 -0.01	25.13 -1.05 0.00	30.21 -1.29 0.00	23.44 -1.05 0.00	23.39 -0.77 0.00	23.44 -0.82 0.00	24.78 -0.63 0.00	23.49 -0.50 0.00	23.41 -0.62 0.00
LOWER___HUDSON 24059	20.75 0.99 0.00	19.13 0.86 0.00	18.50 0.83 0.00	18.42 0.83 0.00	18.14 0.81 0.00	19.97 0.99 0.00	25.36 1.19 -2.20	36.31 1.28 -11.39	41.00 1.35 -15.53	42.16 1.46 -14.53	40.09 1.43 -13.49	39.56 1.48 -11.59	41.70 1.53 -13.28	62.80 1.55 -33.96	49.90 1.61 -20.07	63.02 1.74 -30.23	92.34 1.47 -64.69	77.18 1.70 -43.98	86.40 1.32 -60.59	72.31 1.28 -46.86	67.11 1.28 -41.56	47.17 1.35 -20.40	40.83 1.29 -15.54	36.87 1.32 -11.52
LOWVILLE_115KV_TB2 356335	20.16 0.40 0.00	18.55 0.27 0.00	17.88 0.21 0.00	17.79 0.19 0.00	17.55 0.23 0.00	19.32 0.34 0.00	22.25 0.29 0.00	23.69 0.05 0.00	24.12 0.00 0.00	26.24 0.08 0.00	25.21 0.05 0.00	26.65 0.16 0.00	27.04 0.16 0.00	27.51 0.22 0.00	28.42 0.20 0.00	31.36 0.28 -0.03	26.36 0.18 0.00	31.64 0.13 -0.01	24.61 0.12 0.00	24.41 0.24 0.00	24.60 0.34 0.00	25.85 0.43 0.00	24.40 0.41 0.00	24.34 0.31 0.00
LUTHERFT_115KV_GLOB_FND_222 355753	20.95 1.19 0.00	19.32 1.04 0.00	18.70 1.02 0.00	18.61 1.02 0.00	18.31 0.99 0.00	20.12 1.14 0.00	24.33 1.41 -0.95	30.73 1.61 -5.48	34.32 1.66 -8.54	35.30 1.86 -7.28	41.40 1.66 -14.58	40.78 1.77 -12.52	43.06 1.83 -14.35	57.15 1.91 -27.95	49.09 1.89 -18.97	57.93 2.08 -24.80	85.72 1.83 -57.71	82.72 2.14 -49.07	93.83 1.74 -67.60	78.20 1.74 -52.29	72.41 1.77 -46.37	49.99 1.80 -22.77	43.04 1.70 -17.34	38.59 1.71 -12.85
LUTHERNY_35_KV_BK2 355980	20.97 1.21 0.00	19.32 1.04 0.00	18.71 1.04 0.00	18.63 1.04 0.00	18.33 1.00 0.00	20.14 1.16 0.00	24.33 1.41 -0.95	30.73 1.61 -5.48	34.32 1.66 -8.54	35.33 1.88 -7.28	41.42 1.69 -14.58	40.78 1.77 -12.52	43.06 1.83 -14.35	57.15 1.91 -27.95	49.09 1.89 -18.97	57.97 2.11 -24.80	85.72 1.83 -57.71	82.75 2.17 -49.07	93.85 1.76 -67.60	78.22 1.76 -52.29	72.43 1.80 -46.37	50.01 1.83 -22.77	43.06 1.73 -17.34	38.62 1.73 -12.85
LWR___OSWEGATCHIE_HYD 23850	19.76 0.00 0.00	18.24 -0.04 0.00	17.65 -0.02 0.00	17.58 -0.02 0.00	17.31 -0.02 0.00	18.98 0.00 0.00	21.88 -0.09 0.00	23.40 -0.24 0.00	23.83 -0.29 0.00	25.82 -0.34 0.00	24.81 -0.35 0.00	26.22 -0.26 0.00	26.61 -0.27 0.00	27.07 -0.22 0.00	27.95 -0.28 0.00	30.76 -0.31 -0.02	25.71 -0.47 0.00	30.88 -0.63 -0.01	24.00 -0.49 0.00	23.90 -0.27 0.00	24.02 -0.24 0.00	25.32 -0.10 0.00	23.94 -0.05 0.00	23.86 -0.17 0.00
LYONS_FALL_HYD 23570	20.26 0.49 0.00	18.57 0.29 0.00	17.94 0.27 0.00	17.86 0.26 0.00	17.60 0.28 0.00	19.32 0.34 0.00	22.36 0.40 0.00	23.88 0.24 0.00	24.43 0.31 0.00	26.53 0.37 0.00	25.54 0.38 0.00	26.96 0.48 0.00	27.37 0.48 0.00	27.83 0.55 0.00	28.76 0.53 0.00	31.66 0.59 -0.02	26.70 0.52 0.00	32.01 0.50 -0.01	24.91 0.42 0.00	24.63 0.46 0.00	24.79 0.53 0.00	26.00 0.59 0.00	24.52 0.53 0.00	24.49 0.46 0.00
MADISON___COUNTY_LFGE 323628	20.50 0.73 0.00	18.86 0.58 0.00	18.10 0.42 0.00	18.00 0.40 0.00	17.76 0.43 0.00	19.66 0.68 0.00	22.58 0.62 0.00	24.14 0.50 0.00	24.62 0.51 0.00	26.84 0.68 0.00	25.86 0.70 0.00	27.28 0.79 0.00	27.69 0.81 0.00	28.16 0.87 0.00	29.10 0.88 0.00	32.03 0.96 -0.01	27.07 0.89 0.00	32.49 0.98 -0.01	25.27 0.78 0.00	24.89 0.73 0.00	25.09 0.82 0.00	26.26 0.84 0.00	24.74 0.74 0.00	24.73 0.70 0.00
MALONE___115KV_TB1 356076	19.63 -0.14 0.00	18.18 -0.09 0.00	17.74 0.07 0.00	17.70 0.11 0.00	17.41 0.09 0.00	19.04 0.06 0.00	22.17 0.20 0.00	24.09 0.45 0.00	24.58 0.46 0.00	26.45 0.29 0.00	25.46 0.30 0.00	26.86 0.37 0.00	27.31 0.43 0.00	27.75 0.46 0.00	28.57 0.34 0.00	31.48 0.43 0.00	25.84 -0.34 0.00	31.03 -0.47 0.00	24.12 -0.37 0.00	24.19 0.02 0.00	24.12 -0.15 0.00	25.57 0.15 0.00	24.09 0.10 0.00	23.98 -0.05 0.00
MAPLEWOD_115KV_TB3 80458	20.61 0.85 0.00	19.00 0.73 0.00	18.43 0.76 0.00	18.37 0.77 0.00	18.05 0.73 0.00	19.81 0.84 0.00	21.96 1.01 1.02	20.66 1.21 4.19	21.79 1.23 3.56	22.76 1.36 4.76	37.80 1.36 -11.28	37.58 1.40 -9.69	39.40 1.42 -11.09	39.58 1.45 -10.85	41.09 1.52 -11.34	42.20 1.65 -9.50	57.24 1.44 -29.62	72.95 1.73 -39.71	80.54 1.35 -54.70	67.74 1.26 -42.31	63.07 1.29 -37.53	45.16 1.32 -18.42	39.30 1.27 -14.03	35.78 1.35 -10.40
MAPLE_RIDGE_WT_1 323574	19.23 -0.53 0.00	17.83 -0.44 0.00	17.25 -0.42 0.00	17.19 -0.40 0.00	16.93 -0.40 0.00	18.51 -0.47 0.00	21.46 -0.50 0.00	23.31 -0.33 0.00	23.78 -0.34 0.00	25.80 -0.37 0.00	24.81 -0.35 0.00	26.14 -0.35 0.00	26.53 -0.35 0.00	26.93 -0.36 0.00	27.83 -0.40 0.00	30.65 -0.40 0.00	25.74 -0.45 0.00	30.94 -0.57 0.00	24.05 -0.44 0.00	23.81 -0.36 0.00	23.80 -0.46 0.00	24.96 -0.46 0.00	23.54 -0.46 0.00	23.50 -0.53 0.00

MAPLE_RIDGE_WT_2 323611	19.23 -0.53 0.00	17.83 -0.44 0.00	17.25 -0.42 0.00	17.19 -0.40 0.00	16.93 -0.40 0.00	18.51 -0.47 0.00	21.46 -0.50 0.00	23.31 -0.33 0.00	23.78 -0.34 0.00	25.80 -0.37 0.00	24.81 -0.35 0.00	26.14 -0.35 0.00	26.53 -0.35 0.00	26.93 -0.36 0.00	27.83 -0.40 0.00	30.65 -0.40 0.00	25.74 -0.45 0.00	30.94 -0.57 0.00	24.05 -0.44 0.00	23.81 -0.36 0.00	23.80 -0.46 0.00	24.96 -0.46 0.00	23.54 -0.46 0.00	23.50 -0.53 0.00
MARBLE_RIVER_WT_PWR 323696	19.57 -0.20 0.00	18.22 -0.05 0.00	17.72 0.05 0.00	17.70 0.11 0.00	17.43 0.10 0.00	19.09 0.11 0.00	22.21 0.24 0.00	24.21 0.57 0.00	24.58 0.46 0.00	26.48 0.32 0.00	25.49 0.33 0.00	26.89 0.40 0.00	27.31 0.43 0.00	27.75 0.46 0.00	28.59 0.37 0.00	31.52 0.47 0.00	25.87 -0.31 0.00	31.09 -0.41 0.00	24.20 -0.29 0.00	24.19 0.02 0.00	24.12 -0.14 0.00	25.60 0.18 0.00	24.14 0.14 0.00	24.06 0.02 0.00
MARSHVLE_115KV_TB1 80742	21.82 2.06 0.00	20.06 1.79 0.00	19.39 1.71 0.00	19.30 1.71 0.00	19.01 1.68 0.00	20.95 1.97 0.00	24.32 2.35 0.00	26.94 2.51 -0.80	29.27 2.51 -2.64	30.32 2.72 -1.44	40.30 2.47 -12.67	40.05 2.68 -10.89	42.15 2.80 -12.47	49.38 2.87 -19.23	46.09 2.94 -14.92	51.16 3.11 -17.00	72.08 2.80 -43.10	78.49 3.47 -43.52	87.28 2.84 -59.95	73.30 2.76 -46.37	68.32 2.94 -41.13	48.66 3.05 -20.19	42.18 2.81 -15.38	38.19 2.76 -11.40
MARSH_HILL_WT_PWR 323713	20.79 1.03 0.00	18.84 0.57 0.00	18.13 0.46 0.00	18.09 0.49 0.00	17.81 0.48 0.00	19.76 0.78 0.00	22.91 0.94 0.00	24.01 0.31 -0.07	24.77 0.43 -0.22	26.81 0.52 -0.12	26.74 0.53 -1.05	28.02 0.63 -0.90	28.56 0.64 -1.03	29.69 0.82 -1.59	30.14 0.68 -1.23	33.24 0.78 -1.42	30.66 0.92 -3.56	36.23 1.07 -3.66	30.52 1.00 -5.03	28.90 0.85 -3.89	28.66 0.95 -3.45	28.10 0.99 -1.69	26.14 0.86 -1.29	26.00 1.01 -0.96
MCINTYRE_115KV_TB2 80467	19.63 -0.14 0.00	18.18 -0.09 0.00	17.62 -0.05 0.00	17.54 -0.05 0.00	17.26 -0.07 0.00	18.87 -0.11 0.00	21.81 -0.15 0.00	23.55 -0.09 0.00	24.00 -0.12 0.00	25.90 -0.26 0.00	24.93 -0.23 0.00	26.33 -0.16 0.00	26.80 -0.08 0.00	27.21 -0.08 0.00	28.09 -0.14 0.00	30.91 -0.16 -0.01	25.71 -0.47 0.00	30.87 -0.63 0.00	23.95 -0.54 0.00	23.95 -0.22 0.00	23.99 -0.27 0.00	25.29 -0.13 0.00	23.94 -0.05 0.00	23.84 -0.19 0.00
MECO____69_KV_BK1 80468	22.43 2.67 0.00	20.58 2.30 0.00	19.56 1.89 0.00	19.46 1.86 0.00	19.16 1.84 0.00	21.54 2.56 0.00	24.56 2.59 0.00	27.16 2.67 -0.85	29.54 2.60 -2.82	30.89 3.19 -1.53	41.45 2.77 -13.52	41.17 3.07 -11.61	43.47 3.28 -13.30	51.16 3.36 -20.52	47.54 3.39 -15.92	53.07 3.88 -18.14	75.72 3.56 -45.98	81.67 3.75 -46.42	91.60 3.16 -63.95	76.73 3.09 -49.47	71.53 3.40 -43.87	50.44 3.48 -21.54	43.59 3.19 -16.41	39.31 3.12 -12.16
MENANDS__115KV_TB5 355628	20.40 0.63 0.00	18.82 0.55 0.00	18.29 0.62 0.00	18.23 0.63 0.00	17.92 0.59 0.00	19.62 0.65 0.00	21.58 0.81 1.20	19.55 0.99 5.09	20.38 0.99 4.73	21.35 1.07 5.89	36.93 1.13 -10.64	36.79 1.17 -9.14	38.47 1.13 -10.46	37.21 1.15 -8.78	39.68 1.21 -10.24	40.00 1.30 -7.65	53.19 1.10 -25.91	70.55 1.39 -37.66	77.40 1.03 -51.88	65.27 0.97 -40.13	60.82 0.97 -35.59	43.91 1.02 -17.47	38.31 1.01 -13.31	35.00 1.11 -9.87
MG INDUSTRY__DRP 24185	20.48 0.71 0.00	18.89 0.62 0.00	18.34 0.67 0.00	18.26 0.67 0.00	17.95 0.62 0.00	19.70 0.72 0.00	22.14 0.86 0.68	21.94 1.04 2.74	22.95 1.04 2.21	24.21 1.13 3.08	34.56 1.11 -8.29	34.75 1.14 -7.12	36.16 1.13 -8.15	36.81 1.12 -8.40	37.91 1.21 -8.47	39.72 1.30 -7.37	49.65 1.10 -22.37	62.09 1.35 -29.24	65.79 1.03 -40.28	56.29 0.97 -31.15	52.91 1.02 -27.63	40.02 1.04 -13.56	35.36 1.03 -10.33	32.79 1.11 -7.66
MID__OSWEGATCHIE_HYD 23849	19.76 0.00 0.00	18.24 -0.04 0.00	17.65 -0.02 0.00	17.58 -0.02 0.00	17.31 -0.02 0.00	18.98 0.00 0.00	21.88 -0.09 0.00	23.40 -0.24 0.00	23.83 -0.29 0.00	25.82 -0.34 0.00	24.81 -0.35 0.00	26.22 -0.26 0.00	26.61 -0.27 0.00	27.07 -0.22 0.00	27.95 -0.28 0.00	30.76 -0.31 -0.02	25.71 -0.47 0.00	30.88 -0.63 -0.01	24.00 -0.49 0.00	23.90 -0.27 0.00	24.02 -0.24 0.00	25.32 -0.10 0.00	23.94 -0.05 0.00	23.86 -0.17 0.00
MID__RAQUETTE_HYD 23851	19.37 -0.40 0.00	17.96 -0.31 0.00	17.42 -0.25 0.00	17.36 -0.23 0.00	17.07 -0.26 0.00	18.66 -0.32 0.00	21.53 -0.44 0.00	23.17 -0.47 0.00	23.61 -0.51 0.00	25.51 -0.65 0.00	24.56 -0.60 0.00	25.90 -0.58 0.00	26.35 -0.54 0.00	26.74 -0.55 0.00	27.61 -0.62 0.00	30.32 -0.75 -0.01	25.13 -1.05 0.00	30.18 -1.32 0.00	23.41 -1.08 0.00	23.40 -0.77 0.00	23.41 -0.85 0.00	24.76 -0.66 0.00	23.49 -0.50 0.00	23.41 -0.62 0.00
MILLIKEN__1 23584	20.48 0.71 0.00	18.84 0.57 0.00	18.10 0.42 0.00	18.00 0.40 0.00	17.80 0.47 0.00	19.66 0.68 0.00	22.61 0.64 0.00	24.16 0.45 -0.07	24.75 0.41 -0.22	26.81 0.52 -0.12	26.74 0.53 -1.05	28.00 0.61 -0.90	28.53 0.62 -1.03	29.56 0.68 -1.59	30.14 0.68 -1.24	33.27 0.78 -1.44	30.51 0.76 -3.57	36.09 0.91 -3.67	30.33 0.81 -5.03	28.76 0.70 -3.89	28.51 0.80 -3.45	28.00 0.89 -1.69	26.00 0.72 -1.29	25.76 0.77 -0.96
MILLIKEN__2 23585	20.48 0.71 0.00	18.84 0.57 0.00	18.10 0.42 0.00	18.00 0.40 0.00	17.80 0.47 0.00	19.66 0.68 0.00	22.61 0.64 0.00	24.16 0.45 -0.07	24.75 0.41 -0.22	26.81 0.52 -0.12	26.74 0.53 -1.05	28.00 0.61 -0.90	28.53 0.62 -1.03	29.56 0.68 -1.59	30.14 0.68 -1.24	33.27 0.78 -1.44	30.51 0.76 -3.57	36.09 0.91 -3.67	30.33 0.81 -5.03	28.76 0.70 -3.89	28.51 0.80 -3.45	28.00 0.89 -1.69	26.00 0.72 -1.29	25.76 0.77 -0.96
MILLIKEN__DIESEL 23629	20.48 0.71 0.00	18.84 0.57 0.00	18.10 0.42 0.00	18.00 0.40 0.00	17.80 0.47 0.00	19.66 0.68 0.00	22.61 0.64 0.00	24.16 0.45 -0.07	24.75 0.41 -0.22	26.81 0.52 -0.12	26.74 0.53 -1.05	28.00 0.61 -0.90	28.53 0.62 -1.03	29.56 0.68 -1.59	30.14 0.68 -1.24	33.27 0.78 -1.44	30.51 0.76 -3.57	36.09 0.91 -3.67	30.33 0.81 -5.03	28.76 0.70 -3.89	28.51 0.80 -3.45	28.00 0.89 -1.69	26.00 0.72 -1.29	25.76 0.77 -0.96
MILLSEAT__LFGE 323607	20.52 0.75 0.00	18.55 0.27 0.00	17.87 0.19 0.00	17.82 0.23 0.00	17.47 0.14 0.00	19.40 0.42 0.00	22.45 0.48 0.00	23.31 -0.38 -0.04	24.02 -0.24 -0.15	26.03 -0.21 -0.08	25.77 -0.10 -0.71	26.91 -0.18 -0.61	27.42 -0.16 -0.70	28.42 0.05 -1.08	28.98 -0.08 -0.83	31.91 -0.09 -0.95	28.78 0.18 -2.41	34.17 0.19 -2.47	28.26 0.37 -3.40	27.09 0.29 -2.63	26.86 0.27 -2.34	26.77 0.20 -1.15	25.08 0.22 -0.87	25.11 0.43 -0.65
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	20.73 0.97 0.00	19.15 0.88 0.00	18.59 0.92 0.00	18.47 0.88 0.00	18.18 0.85 0.00	19.93 0.95 0.00	23.20 1.23 0.00	25.43 1.49 -0.30	26.72 1.59 -1.01	28.57 1.86 -0.55	31.56 1.56 -4.84	32.29 1.64 -4.16	33.28 1.64 -4.76	36.24 1.61 -7.34	35.70 1.78 -5.70	39.50 1.96 -6.49	44.47 1.83 -16.45	50.64 2.24 -16.90	49.38 1.62 -23.28	43.60 1.43 -18.00	41.61 1.38 -15.97	34.53 1.27 -7.84	31.26 1.30 -5.97	29.83 1.37 -4.43

MILLWOOD_13_KV_LOAD 356217	20.77 1.01 0.00	19.19 0.91 0.00	18.63 0.95 0.00	18.53 0.93 0.00	18.21 0.88 0.00	19.97 0.99 0.00	23.24 1.27 0.00	25.48 1.54 -0.30	26.77 1.64 -1.01	28.67 1.96 -0.55	31.66 1.66 -4.84	32.36 1.72 -4.16	33.36 1.72 -4.76	36.35 1.72 -7.34	35.82 1.89 -5.70	39.62 2.08 -6.49	44.57 1.94 -16.45	50.76 2.36 -16.90	49.48 1.71 -23.28	43.70 1.52 -18.00	41.71 1.48 -15.97	34.63 1.37 -7.84	31.33 1.37 -5.97	29.87 1.42 -4.43
MODEL_CITY_ENERGY 24167	20.04 0.28 0.00	18.09 -0.18 0.00	17.48 -0.19 0.00	17.43 -0.16 0.00	17.05 -0.28 0.00	19.00 0.02 0.00	21.95 -0.02 0.00	22.67 -1.02 -0.05	23.36 -0.92 -0.16	25.33 -0.92 -0.08	25.08 -0.83 -0.75	26.20 -0.93 -0.64	26.71 -0.91 -0.74	27.66 -0.76 -1.14	28.18 -0.93 -0.88	31.06 -0.99 -1.01	28.21 -0.52 -2.55	33.40 -0.72 -2.61	27.77 -0.32 -3.60	26.49 -0.46 -2.79	26.27 -0.46 -2.47	26.05 -0.58 -1.21	24.41 -0.50 -0.92	24.50 -0.22 -0.68
MODERN_LFGE_ 323580	20.04 0.28 0.00	18.09 -0.18 0.00	17.48 -0.19 0.00	17.43 -0.16 0.00	17.05 -0.28 0.00	19.00 0.02 0.00	21.95 -0.02 0.00	22.67 -1.02 -0.05	23.36 -0.92 -0.16	25.33 -0.92 -0.08	25.08 -0.83 -0.75	26.20 -0.93 -0.64	26.71 -0.91 -0.74	27.66 -0.76 -1.14	28.18 -0.93 -0.88	31.06 -0.99 -1.01	28.21 -0.52 -2.55	33.40 -0.72 -2.61	27.77 -0.32 -3.60	26.49 -0.46 -2.79	26.27 -0.46 -2.47	26.05 -0.58 -1.21	24.41 -0.50 -0.92	24.50 -0.22 -0.68
MOHAWK_PAPER___DRP 24187	20.61 0.85 0.00	19.00 0.73 0.00	18.43 0.76 0.00	18.37 0.77 0.00	18.05 0.73 0.00	19.81 0.84 0.00	21.96 1.01 1.02	20.66 1.21 4.19	21.79 1.23 3.56	22.76 1.36 4.76	37.80 1.36 -11.28	37.58 1.40 -9.69	39.40 1.42 -11.09	39.58 1.45 -10.85	41.09 1.52 -11.34	42.20 1.65 -9.50	57.24 1.44 -29.62	72.95 1.73 -39.71	80.54 1.35 -54.70	67.74 1.26 -42.31	63.07 1.29 -37.53	45.16 1.32 -18.42	39.30 1.27 -14.03	35.78 1.35 -10.40
MOHICAN___35_KV_115KV_LD 80490	21.05 1.28 0.00	19.37 1.10 0.00	18.75 1.08 0.00	18.67 1.07 0.00	18.37 1.04 0.00	20.21 1.23 0.00	24.37 1.52 -0.89	30.54 1.73 -5.17	34.13 1.83 -8.18	35.13 2.07 -6.90	41.50 1.71 -14.63	40.90 1.85 -12.56	43.21 1.94 -14.39	56.96 2.05 -27.63	49.00 1.86 -18.91	57.64 2.08 -24.51	85.36 1.86 -57.32	82.96 2.14 -49.31	94.33 1.91 -67.93	78.72 2.01 -52.55	72.92 2.06 -46.60	50.38 2.08 -22.88	43.32 1.90 -17.43	38.82 1.87 -12.92
MONGAUP___HYD 23641	20.81 1.05 0.00	19.15 0.88 0.00	18.52 0.85 0.00	18.39 0.79 0.00	18.09 0.76 0.00	19.91 0.93 0.00	23.09 1.12 0.00	25.13 1.21 -0.28	26.34 1.30 -0.92	28.18 1.52 -0.50	30.91 1.31 -4.44	31.63 1.32 -3.82	32.52 1.26 -4.37	35.28 1.26 -6.74	34.84 1.38 -5.23	38.56 1.55 -5.96	42.75 1.47 -15.10	48.85 1.83 -15.51	47.26 1.40 -21.37	42.00 1.30 -16.53	40.18 1.26 -14.66	33.84 1.22 -7.20	30.67 1.20 -5.48	29.34 1.25 -4.06
MONTAUK___DIESEL 23721	29.88 2.85 -7.27	24.27 2.61 -3.38	22.14 2.79 -1.68	20.40 2.78 -0.03	21.82 2.74 -1.76	22.50 2.77 -0.75	27.62 3.60 -2.05	32.05 4.23 -4.17	38.86 4.46 -10.28	39.16 4.63 -8.37	44.59 4.23 -15.20	47.40 4.42 -16.49	47.39 4.41 -16.10	58.39 4.50 -26.60	49.97 4.80 -16.94	58.72 5.25 -22.43	64.17 4.74 -33.25	65.14 5.83 -27.81	75.27 4.56 -46.22	60.02 4.35 -31.50	59.61 4.29 -31.05	58.76 4.22 -29.13	40.87 4.37 -12.51	36.24 4.42 -7.78
MOONROAD_115KV_HARTFLD_TB1-2 355988	20.83 1.07 0.00	18.97 0.69 0.00	18.06 0.39 0.00	17.86 0.26 0.00	17.81 0.49 0.00	19.83 0.85 0.00	22.52 0.55 0.00	24.07 0.38 -0.06	24.83 0.53 -0.18	27.07 0.81 -0.10	26.85 0.81 -0.88	28.01 0.77 -0.76	28.47 0.73 -0.87	29.58 0.96 -1.34	30.05 0.79 -1.04	33.10 0.87 -1.18	30.25 1.07 -3.00	35.77 1.20 -3.07	29.81 1.10 -4.22	28.35 0.92 -3.27	28.20 1.04 -2.90	27.86 1.02 -1.42	25.89 0.82 -1.08	25.87 1.03 -0.80
MORTIMER_115KV_TB3 55949	20.32 0.55 0.00	18.58 0.31 0.00	17.76 0.09 0.00	17.59 0.00 0.00	17.48 0.16 0.00	19.32 0.34 0.00	22.03 0.07 0.00	23.44 -0.24 -0.04	24.00 -0.24 -0.12	26.07 -0.16 -0.07	25.72 -0.03 -0.59	26.89 -0.11 -0.51	27.41 -0.05 -0.58	28.26 0.08 -0.89	28.95 0.03 -0.69	31.90 0.06 -0.79	28.36 0.18 -1.99	33.76 0.22 -2.04	27.62 0.32 -2.81	26.61 0.27 -2.17	26.45 0.27 -1.93	26.59 0.23 -0.95	24.90 0.19 -0.72	24.85 0.29 -0.53
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	20.81 1.05 0.00	19.24 0.97 0.00	18.70 1.02 0.00	18.58 0.99 0.00	18.28 0.95 0.00	20.00 1.02 0.00	23.31 1.34 0.00	25.60 1.65 -0.31	26.89 1.76 -1.01	28.81 2.09 -0.55	31.71 1.69 -4.87	32.44 1.77 -4.18	33.45 1.77 -4.79	36.45 1.77 -7.38	35.91 1.95 -5.73	39.72 2.14 -6.53	44.77 2.04 -16.55	50.96 2.46 -17.00	49.67 1.76 -23.42	43.83 1.55 -18.11	41.80 1.48 -16.06	34.65 1.35 -7.89	31.37 1.37 -6.01	29.97 1.49 -4.45
MUNSVILLE_WIND_PWR 323609	21.62 1.86 0.00	19.66 1.39 0.00	18.96 1.29 0.00	18.88 1.28 0.00	18.64 1.32 0.00	20.57 1.59 0.00	23.86 1.89 0.00	25.35 1.58 -0.13	26.15 1.62 -0.41	28.17 1.78 -0.23	28.94 1.79 -1.99	30.18 1.99 -1.71	30.96 2.12 -1.96	32.60 2.29 -3.02	32.85 2.29 -2.34	36.29 2.55 -2.69	35.20 2.25 -6.76	41.08 2.65 -6.93	36.27 2.25 -9.53	33.76 2.22 -7.37	33.22 2.43 -6.54	31.17 2.54 -3.21	28.72 2.28 -2.44	28.10 2.26 -1.81
N SALMON___HYD 24042	19.63 -0.14 0.00	18.24 -0.04 0.00	17.74 0.07 0.00	17.70 0.11 0.00	17.41 0.09 0.00	19.06 0.08 0.00	22.17 0.20 0.00	24.14 0.50 0.00	24.55 0.43 0.00	26.45 0.29 0.00	25.46 0.30 0.00	26.86 0.37 0.00	27.31 0.43 0.00	27.75 0.46 0.00	28.57 0.34 0.00	31.48 0.43 0.00	25.84 -0.34 0.00	31.09 -0.41 0.00	24.15 -0.34 0.00	24.19 0.02 0.00	24.12 -0.14 0.00	25.57 0.15 0.00	24.09 0.10 0.00	23.98 -0.05 0.00
N.AKRON___115KV_KNAPP 355671	20.61 0.85 0.00	18.79 0.51 0.00	17.81 0.14 0.00	17.63 0.04 0.00	17.57 0.24 0.00	19.55 0.57 0.00	21.99 0.02 0.00	23.33 -0.35 -0.04	23.91 -0.36 -0.15	26.04 -0.21 -0.08	25.80 -0.08 -0.72	26.94 -0.16 -0.61	27.45 -0.13 -0.70	28.43 0.05 -1.09	28.98 -0.08 -0.84	31.91 -0.09 -0.96	28.82 0.21 -2.43	34.18 0.19 -2.49	28.28 0.37 -3.42	27.11 0.29 -2.65	26.90 0.29 -2.35	26.80 0.23 -1.15	25.09 0.22 -0.88	25.11 0.43 -0.65
N.BELMOR_69_KV_BK1 55787	28.49 1.46 -7.27	22.99 1.33 -3.38	20.74 1.40 -1.67	19.01 1.39 -0.03	20.42 1.33 -1.75	21.15 1.42 -0.74	25.86 1.85 -2.05	29.99 2.17 -4.17	31.50 2.27 -5.12	31.87 2.51 -3.19	42.43 2.09 -15.18	45.08 2.12 -16.47	45.11 2.12 -16.10	47.11 2.13 -17.69	36.52 2.43 -5.87	40.53 2.67 -6.81	49.90 2.41 -21.31	51.45 2.84 -17.11	50.53 2.18 -23.86	44.46 2.01 -18.28	42.50 1.99 -16.25	36.47 1.91 -9.14	32.11 2.04 -6.08	33.85 2.04 -7.77
N.E._GEN_SANDY PD 24062	20.71 0.95 0.00	19.13 0.86 0.00	18.52 0.85 0.00	18.40 0.81 0.00	18.12 0.80 0.00	19.97 0.99 0.00	23.09 1.14 0.02	27.53 1.23 -2.66	29.00 1.25 -3.63	30.58 1.39 -3.03	35.56 1.36 -9.04	38.00 1.40 -10.11	38.53 1.42 -10.22	42.76 1.42 -14.05	41.34 1.52 -11.59	43.94 1.64 -11.25	54.00 1.39 -26.43	56.80 1.73 -23.56	58.20 1.25 -32.46	50.46 1.18 -25.11	47.67 1.14 -22.27	41.05 1.19 -14.44	36.78 1.18 -11.61	31.26 1.22 -6.00

N. HEMPST_138_KV_BK345_REV_LBMP_G 345014	20.69 0.93 0.00	19.11 0.84 0.00	18.52 0.85 0.00	18.42 0.83 0.00	18.11 0.78 0.00	19.87 0.89 0.00	23.13 1.16 0.00	25.35 1.42 -0.30	26.61 1.52 -0.98	28.47 1.78 -0.53	31.36 1.51 -4.69	32.08 1.56 -4.03	33.06 1.56 -4.62	35.96 1.56 -7.12	35.45 1.69 -5.53	39.21 1.86 -6.30	43.89 1.75 -15.96	50.00 2.11 -16.39	48.61 1.54 -22.58	43.01 1.38 -17.46	41.06 1.31 -15.49	34.24 1.22 -7.60	31.01 1.22 -5.79	29.62 1.30 -4.29
N. QUEENS_27_KV_LOAD 356247	21.00 1.23 -0.01	19.43 1.15 -0.01	18.88 1.20 -0.01	18.76 1.16 -0.01	18.44 1.11 -0.01	20.10 1.12 0.00	23.26 1.30 0.00	25.53 1.58 -0.31	26.84 1.71 -1.01	28.76 2.04 -0.55	31.64 1.61 -4.87	32.36 1.70 -4.18	33.37 1.69 -4.79	36.36 1.69 -7.38	35.91 1.95 -5.73	39.69 2.11 -6.53	44.80 2.07 -16.55	50.99 2.49 -17.00	49.64 1.74 -23.41	43.80 1.52 -18.11	41.73 1.41 -16.06	34.47 1.17 -7.89	31.39 1.39 -6.01	30.19 1.71 -4.45
N. TROY___115KV_TB1 355778	20.65 0.89 0.00	19.06 0.79 0.00	18.47 0.80 0.00	18.38 0.79 0.00	18.09 0.76 0.00	19.85 0.87 0.00	25.31 1.14 -2.20	36.36 1.32 -11.39	40.97 1.33 -15.53	42.16 1.47 -14.53	40.09 1.43 -13.49	39.56 1.48 -11.59	41.70 1.53 -13.29	62.80 1.56 -33.96	49.90 1.61 -20.07	63.02 1.74 -30.23	92.34 1.47 -64.69	77.21 1.73 -43.98	86.40 1.32 -60.58	72.31 1.28 -46.86	67.08 1.26 -41.56	47.17 1.35 -20.40	40.83 1.30 -15.54	36.87 1.32 -11.52
NARROWS_GT1_1 24228	21.21 1.44 0.00	19.53 1.26 0.00	18.89 1.22 0.00	18.72 1.13 0.00	18.44 1.11 0.00	20.23 1.25 0.00	23.42 1.45 0.00	25.58 1.63 -0.31	26.94 1.81 -1.01	28.91 2.20 -0.55	31.76 1.73 -4.87	32.55 1.88 -4.18	33.58 1.91 -4.79	36.61 1.94 -7.38	36.13 2.17 -5.73	40.00 2.42 -6.53	45.06 2.33 -16.55	51.24 2.74 -17.00	49.87 1.96 -23.42	43.95 1.67 -18.11	41.88 1.55 -16.06	34.67 1.37 -7.89	31.46 1.46 -6.01	30.22 1.73 -4.46
NARROWS_GT1_2 24229	21.21 1.44 0.00	19.53 1.26 0.00	18.89 1.22 0.00	18.72 1.13 0.00	18.44 1.11 0.00	20.23 1.25 0.00	23.42 1.45 0.00	25.58 1.63 -0.31	26.94 1.81 -1.01	28.91 2.20 -0.55	31.76 1.73 -4.87	32.55 1.88 -4.18	33.58 1.91 -4.79	36.61 1.94 -7.38	36.13 2.17 -5.73	40.00 2.42 -6.53	45.06 2.33 -16.55	51.24 2.74 -17.00	49.87 1.96 -23.42	43.95 1.67 -18.11	41.88 1.55 -16.06	34.67 1.37 -7.89	31.46 1.46 -6.01	30.22 1.73 -4.46
NARROWS_GT1_3 24230	21.21 1.44 0.00	19.53 1.26 0.00	18.89 1.22 0.00	18.72 1.13 0.00	18.44 1.11 0.00	20.23 1.25 0.00	23.42 1.45 0.00	25.58 1.63 -0.31	26.94 1.81 -1.01	28.91 2.20 -0.55	31.76 1.73 -4.87	32.55 1.88 -4.18	33.58 1.91 -4.79	36.61 1.94 -7.38	36.13 2.17 -5.73	40.00 2.42 -6.53	45.06 2.33 -16.55	51.24 2.74 -17.00	49.87 1.96 -23.42	43.95 1.67 -18.11	41.88 1.55 -16.06	34.67 1.37 -7.89	31.46 1.46 -6.01	30.22 1.73 -4.46
NARROWS_GT1_4 24231	21.21 1.44 0.00	19.53 1.26 0.00	18.89 1.22 0.00	18.72 1.13 0.00	18.44 1.11 0.00	20.23 1.25 0.00	23.42 1.45 0.00	25.58 1.63 -0.31	26.94 1.81 -1.01	28.91 2.20 -0.55	31.76 1.73 -4.87	32.55 1.88 -4.18	33.58 1.91 -4.79	36.61 1.94 -7.38	36.13 2.17 -5.73	40.00 2.42 -6.53	45.06 2.33 -16.55	51.24 2.74 -17.00	49.87 1.96 -23.42	43.95 1.67 -18.11	41.88 1.55 -16.06	34.67 1.37 -7.89	31.46 1.46 -6.01	30.22 1.73 -4.46
NARROWS_GT1_5 24232	21.21 1.44 0.00	19.53 1.26 0.00	18.89 1.22 0.00	18.72 1.13 0.00	18.44 1.11 0.00	20.23 1.25 0.00	23.42 1.45 0.00	25.58 1.63 -0.31	26.94 1.81 -1.01	28.91 2.20 -0.55	31.76 1.73 -4.87	32.55 1.88 -4.18	33.58 1.91 -4.79	36.61 1.94 -7.38	36.13 2.17 -5.73	40.00 2.42 -6.53	45.06 2.33 -16.55	51.24 2.74 -17.00	49.87 1.96 -23.42	43.95 1.67 -18.11	41.88 1.55 -16.06	34.67 1.37 -7.89	31.46 1.46 -6.01	30.22 1.73 -4.46
NARROWS_GT1_6 24233	21.21 1.44 0.00	19.53 1.26 0.00	18.89 1.22 0.00	18.72 1.13 0.00	18.44 1.11 0.00	20.23 1.25 0.00	23.42 1.45 0.00	25.58 1.63 -0.31	26.94 1.81 -1.01	28.91 2.20 -0.55	31.76 1.73 -4.87	32.55 1.88 -4.18	33.58 1.91 -4.79	36.61 1.94 -7.38	36.13 2.17 -5.73	40.00 2.42 -6.53	45.06 2.33 -16.55	51.24 2.74 -17.00	49.87 1.96 -23.42	43.95 1.67 -18.11	41.88 1.55 -16.06	34.67 1.37 -7.89	31.46 1.46 -6.01	30.22 1.73 -4.46
NARROWS_GT1_7 24234	21.21 1.44 0.00	19.53 1.26 0.00	18.89 1.22 0.00	18.72 1.13 0.00	18.44 1.11 0.00	20.23 1.25 0.00	23.42 1.45 0.00	25.58 1.63 -0.31	26.94 1.81 -1.01	28.91 2.20 -0.55	31.76 1.73 -4.87	32.55 1.88 -4.18	33.58 1.91 -4.79	36.61 1.94 -7.38	36.13 2.17 -5.73	40.00 2.42 -6.53	45.06 2.33 -16.55	51.24 2.74 -17.00	49.87 1.96 -23.42	43.95 1.67 -18.11	41.88 1.55 -16.06	34.67 1.37 -7.89	31.46 1.46 -6.01	30.22 1.73 -4.46
NARROWS_GT1_8 24235	21.21 1.44 0.00	19.53 1.26 0.00	18.89 1.22 0.00	18.72 1.13 0.00	18.44 1.11 0.00	20.23 1.25 0.00	23.42 1.45 0.00	25.58 1.63 -0.31	26.94 1.81 -1.01	28.91 2.20 -0.55	31.76 1.73 -4.87	32.55 1.88 -4.18	33.58 1.91 -4.79	36.61 1.94 -7.38	36.13 2.17 -5.73	40.00 2.42 -6.53	45.06 2.33 -16.55	51.24 2.74 -17.00	49.87 1.96 -23.42	43.95 1.67 -18.11	41.88 1.55 -16.06	34.67 1.37 -7.89	31.46 1.46 -6.01	30.22 1.73 -4.46
NARROWS_GT2_1 24236	21.21 1.44 0.00	19.53 1.26 0.00	18.89 1.22 0.00	18.72 1.13 0.00	18.44 1.11 0.00	20.23 1.25 0.00	23.42 1.45 0.00	25.58 1.63 -0.31	26.94 1.81 -1.01	28.91 2.20 -0.55	31.76 1.73 -4.87	32.55 1.88 -4.18	33.58 1.91 -4.79	36.61 1.94 -7.38	36.13 2.17 -5.73	40.00 2.42 -6.53	45.06 2.33 -16.55	51.24 2.74 -17.00	49.87 1.96 -23.42	43.95 1.67 -18.11	41.88 1.55 -16.06	34.67 1.37 -7.89	31.46 1.46 -6.01	30.22 1.73 -4.46
NARROWS_GT2_2 24237	21.21 1.44 0.00	19.53 1.26 0.00	18.89 1.22 0.00	18.72 1.13 0.00	18.44 1.11 0.00	20.23 1.25 0.00	23.42 1.45 0.00	25.58 1.63 -0.31	26.94 1.81 -1.01	28.91 2.20 -0.55	31.76 1.73 -4.87	32.55 1.88 -4.18	33.58 1.91 -4.79	36.61 1.94 -7.38	36.13 2.17 -5.73	40.00 2.42 -6.53	45.06 2.33 -16.55	51.24 2.74 -17.00	49.87 1.96 -23.42	43.95 1.67 -18.11	41.88 1.55 -16.06	34.67 1.37 -7.89	31.46 1.46 -6.01	30.22 1.73 -4.46
NARROWS_GT2_3 24238	21.21 1.44 0.00	19.53 1.26 0.00	18.89 1.22 0.00	18.72 1.13 0.00	18.44 1.11 0.00	20.23 1.25 0.00	23.42 1.45 0.00	25.58 1.63 -0.31	26.94 1.81 -1.01	28.91 2.20 -0.55	31.76 1.73 -4.87	32.55 1.88 -4.18	33.58 1.91 -4.79	36.61 1.94 -7.38	36.13 2.17 -5.73	40.00 2.42 -6.53	45.06 2.33 -16.55	51.24 2.74 -17.00	49.87 1.96 -23.42	43.95 1.67 -18.11	41.88 1.55 -16.06	34.67 1.37 -7.89	31.46 1.46 -6.01	30.22 1.73 -4.46
NARROWS_GT2_4 24239	21.21 1.44 0.00	19.53 1.26 0.00	18.89 1.22 0.00	18.72 1.13 0.00	18.44 1.11 0.00	20.23 1.25 0.00	23.42 1.45 0.00	25.58 1.63 -0.31	26.94 1.81 -1.01	28.91 2.20 -0.55	31.76 1.73 -4.87	32.55 1.88 -4.18	33.58 1.91 -4.79	36.61 1.94 -7.38	36.13 2.17 -5.73	40.00 2.42 -6.53	45.06 2.33 -16.55	51.24 2.74 -17.00	49.87 1.96 -23.42	43.95 1.67 -18.11	41.88 1.55 -16.06	34.67 1.37 -7.89	31.46 1.46 -6.01	30.22 1.73 -4.46

NARROWS_GT2_5 24240	21.21 1.44 0.00	19.53 1.26 0.00	18.89 1.22 0.00	18.72 1.13 0.00	18.44 1.11 0.00	20.23 1.25 0.00	23.42 1.45 0.00	25.58 1.63 -0.31	26.94 1.81 -1.01	28.91 2.20 -0.55	31.76 1.73 -4.87	32.55 1.88 -4.18	33.58 1.91 -4.79	36.61 1.94 -7.38	36.13 2.17 -5.73	40.00 2.42 -6.53	45.06 2.33 -16.55	51.24 2.74 -17.00	49.87 1.96 -23.42	43.95 1.67 -18.11	41.88 1.55 -16.06	34.67 1.37 -7.89	31.46 1.46 -6.01	30.22 1.73 -4.46
NARROWS_GT2_6 24241	21.21 1.44 0.00	19.53 1.26 0.00	18.89 1.22 0.00	18.72 1.13 0.00	18.44 1.11 0.00	20.23 1.25 0.00	23.42 1.45 0.00	25.58 1.63 -0.31	26.94 1.81 -1.01	28.91 2.20 -0.55	31.76 1.73 -4.87	32.55 1.88 -4.18	33.58 1.91 -4.79	36.61 1.94 -7.38	36.13 2.17 -5.73	40.00 2.42 -6.53	45.06 2.33 -16.55	51.24 2.74 -17.00	49.87 1.96 -23.42	43.95 1.67 -18.11	41.88 1.55 -16.06	34.67 1.37 -7.89	31.46 1.46 -6.01	30.22 1.73 -4.46
NARROWS_GT2_7 24242	21.21 1.44 0.00	19.53 1.26 0.00	18.89 1.22 0.00	18.72 1.13 0.00	18.44 1.11 0.00	20.23 1.25 0.00	23.42 1.45 0.00	25.58 1.63 -0.31	26.94 1.81 -1.01	28.91 2.20 -0.55	31.76 1.73 -4.87	32.55 1.88 -4.18	33.58 1.91 -4.79	36.61 1.94 -7.38	36.13 2.17 -5.73	40.00 2.42 -6.53	45.06 2.33 -16.55	51.24 2.74 -17.00	49.87 1.96 -23.42	43.95 1.67 -18.11	41.88 1.55 -16.06	34.67 1.37 -7.89	31.46 1.46 -6.01	30.22 1.73 -4.46
NARROWS_GT2_8 24243	21.21 1.44 0.00	19.53 1.26 0.00	18.89 1.22 0.00	18.72 1.13 0.00	18.44 1.11 0.00	20.23 1.25 0.00	23.42 1.45 0.00	25.58 1.63 -0.31	26.94 1.81 -1.01	28.91 2.20 -0.55	31.76 1.73 -4.87	32.55 1.88 -4.18	33.58 1.91 -4.79	36.61 1.94 -7.38	36.13 2.17 -5.73	40.00 2.42 -6.53	45.06 2.33 -16.55	51.24 2.74 -17.00	49.87 1.96 -23.42	43.95 1.67 -18.11	41.88 1.55 -16.06	34.67 1.37 -7.89	31.46 1.46 -6.01	30.22 1.73 -4.46
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	20.71 0.95 0.00	19.10 0.82 0.00	18.59 0.92 0.00	18.51 0.91 0.00	18.19 0.87 0.00	19.91 0.93 0.00	22.58 1.27 0.66	22.49 1.51 2.67	23.46 1.52 2.18	24.75 1.60 3.01	34.38 1.36 -7.86	34.59 1.35 -6.75	35.96 1.34 -7.73	36.50 1.34 -7.88	37.64 1.41 -8.00	39.51 1.55 -6.90	48.57 1.31 -21.08	60.95 1.70 -27.75	64.09 1.37 -38.23	55.09 1.35 -29.57	51.87 1.38 -26.22	39.74 1.45 -12.87	35.14 1.34 -9.81	32.72 1.42 -7.27
NCHELSEA_115KV_TR2 355582	20.83 1.07 0.00	19.24 0.97 0.00	18.66 0.99 0.00	18.56 0.97 0.00	18.25 0.92 0.00	20.00 1.02 0.00	23.29 1.32 0.00	25.51 1.56 -0.31	26.78 1.64 -1.02	28.63 1.91 -0.56	31.76 1.69 -4.91	32.43 1.72 -4.22	33.41 1.69 -4.84	36.44 1.69 -7.46	35.82 1.81 -5.79	39.66 2.02 -6.59	44.75 1.86 -16.71	50.94 2.27 -17.17	49.81 1.67 -23.65	44.01 1.55 -18.29	41.99 1.50 -16.22	34.83 1.45 -7.97	31.48 1.42 -6.07	30.02 1.49 -4.50
NEG CAPITAL___MECHNVIL 23645	21.09 1.32 0.00	19.41 1.13 0.00	18.77 1.10 0.00	18.67 1.07 0.00	18.38 1.06 0.00	20.25 1.27 0.00	24.77 1.49 -1.31	32.45 1.63 -7.17	36.40 1.74 -10.55	37.43 1.91 -9.36	41.23 1.76 -14.31	40.63 1.85 -12.29	42.90 1.94 -14.08	59.01 1.99 -29.73	49.56 2.00 -19.33	59.70 2.24 -26.41	87.96 1.94 -59.84	81.53 2.27 -47.76	92.09 1.81 -65.79	76.85 1.79 -50.89	71.21 1.82 -45.13	49.46 1.88 -22.16	42.62 1.75 -16.88	38.29 1.75 -12.51
NEG CENTRAL_HIGH_ACRES 23767	19.82 0.06 0.00	18.09 -0.18 0.00	17.41 -0.26 0.00	17.35 -0.25 0.00	17.08 -0.24 0.00	18.85 -0.13 0.00	21.82 -0.15 0.00	23.06 -0.61 -0.04	23.71 -0.53 -0.12	25.71 -0.52 -0.07	25.38 -0.35 -0.57	26.56 -0.42 -0.49	27.05 -0.40 -0.56	27.89 -0.27 -0.87	28.57 -0.34 -0.68	31.52 -0.31 -0.78	27.95 -0.18 -1.95	33.29 -0.22 -2.01	27.17 -0.07 -2.76	26.16 -0.14 -2.13	26.03 -0.12 -1.89	26.22 -0.13 -0.93	24.53 -0.17 -0.71	24.44 -0.12 -0.52
NEG CENTRAL___DRP 24199	20.26 0.49 0.00	18.58 0.31 0.00	17.81 0.14 0.00	17.70 0.11 0.00	17.54 0.21 0.00	19.40 0.42 0.00	22.25 0.29 0.00	23.73 0.05 -0.04	24.27 0.02 -0.13	26.39 0.16 -0.07	26.00 0.20 -0.63	27.30 0.26 -0.54	27.75 0.24 -0.62	28.60 0.35 -0.96	29.28 0.31 -0.74	32.27 0.34 -0.88	28.74 0.42 -2.14	34.12 0.41 -2.21	27.94 0.44 -3.01	26.84 0.34 -2.33	26.76 0.44 -2.07	26.91 0.48 -1.01	25.10 0.34 -0.77	25.01 0.41 -0.57
NEG CENTRAL___INDECK 23768	20.99 1.23 0.00	19.06 0.79 0.00	18.33 0.65 0.00	18.26 0.67 0.00	17.99 0.66 0.00	19.91 0.93 0.00	23.00 1.03 0.00	23.93 0.24 -0.05	24.49 0.19 -0.18	26.50 0.23 -0.10	26.33 0.30 -0.86	27.52 0.29 -0.74	28.00 0.27 -0.85	29.09 0.49 -1.31	29.67 0.42 -1.02	32.64 0.43 -1.16	29.74 0.63 -2.93	35.39 0.88 -3.01	29.66 1.03 -4.14	28.49 1.11 -3.21	28.32 1.21 -2.84	28.11 1.30 -1.40	26.16 1.10 -1.06	26.02 1.20 -0.79
NEG CENTRAL___SENECA 23627	20.42 0.65 0.00	18.68 0.40 0.00	17.85 0.18 0.00	17.72 0.12 0.00	17.57 0.24 0.00	19.51 0.53 0.00	22.30 0.33 0.00	23.78 0.09 -0.04	24.34 0.07 -0.15	26.51 0.26 -0.08	26.18 0.30 -0.71	27.47 0.37 -0.61	27.94 0.35 -0.70	28.84 0.46 -1.08	29.48 0.42 -0.83	32.48 0.47 -0.97	29.14 0.55 -2.41	34.51 0.54 -2.47	28.49 0.61 -3.39	27.28 0.48 -2.62	27.17 0.58 -2.33	27.20 0.64 -1.14	25.34 0.48 -0.87	25.23 0.55 -0.64
NEG CENTRAL___STATE_STREET 24147	20.26 0.49 0.00	18.64 0.37 0.00	18.03 0.35 0.00	17.91 0.32 0.00	17.71 0.38 0.00	19.45 0.47 0.00	22.50 0.53 0.00	24.01 0.33 -0.04	24.58 0.34 -0.13	26.60 0.37 -0.07	26.16 0.38 -0.62	27.47 0.45 -0.53	27.95 0.46 -0.61	28.75 0.52 -0.94	29.46 0.51 -0.73	32.52 0.59 -0.88	28.83 0.55 -2.10	34.47 0.79 -2.17	28.13 0.69 -2.95	26.98 0.53 -2.28	26.94 0.66 -2.03	27.17 0.76 -0.99	25.35 0.60 -0.76	25.22 0.62 -0.56
NEG MILLWOOD___DRP 24198	20.87 1.11 0.00	19.30 1.02 0.00	18.71 1.04 0.00	18.61 1.02 0.00	18.28 0.95 0.00	20.06 1.08 0.00	23.35 1.38 0.00	25.56 1.61 -0.31	26.88 1.74 -1.03	28.82 2.09 -0.56	31.94 1.84 -4.94	32.61 1.88 -4.25	33.63 1.88 -4.86	36.67 1.88 -7.50	36.11 2.06 -5.82	40.01 2.33 -6.63	45.06 2.07 -16.81	51.29 2.52 -17.26	50.13 1.86 -23.78	44.26 1.69 -18.40	42.25 1.67 -16.31	35.03 1.60 -8.01	31.63 1.54 -6.10	30.14 1.59 -4.52
NEG NORTH_FLCN_SEA 23793	19.76 0.00 0.00	18.33 0.05 0.00	17.92 0.25 0.00	17.89 0.30 0.00	17.62 0.29 0.00	19.23 0.25 0.00	22.45 0.48 0.00	24.47 0.83 0.00	24.94 0.82 0.00	26.79 0.63 0.00	25.79 0.63 0.00	27.20 0.72 0.00	27.66 0.78 0.00	28.11 0.82 0.00	28.93 0.71 0.00	31.89 0.84 0.00	25.97 -0.21 0.00	31.10 -0.41 0.00	24.29 -0.20 0.00	24.34 0.17 0.00	24.24 -0.02 0.00	25.93 0.51 0.00	24.40 0.41 0.00	24.32 0.29 0.00
NEG NORTH_KES_CHATEGAY 23792	19.55 -0.22 0.00	18.15 -0.13 0.00	17.72 0.05 0.00	17.70 0.11 0.00	17.43 0.10 0.00	19.02 0.04 0.00	22.19 0.22 0.00	24.16 0.52 0.00	24.62 0.51 0.00	26.45 0.29 0.00	25.46 0.30 0.00	26.86 0.37 0.00	27.31 0.43 0.00	27.72 0.44 0.00	28.57 0.34 0.00	31.48 0.43 0.00	25.87 -0.31 0.00	31.06 -0.44 0.00	24.20 -0.29 0.00	24.22 0.05 0.00	24.14 -0.12 0.00	25.60 0.18 0.00	24.11 0.12 0.00	24.03 0.00 0.00

NEG NORTH___ALICE_FALLS 23915	19.74 -0.02 0.00	18.29 0.02 0.00	17.88 0.21 0.00	17.86 0.26 0.00	17.57 0.24 0.00	19.21 0.23 0.00	22.43 0.46 0.00	24.44 0.80 0.00	24.91 0.80 0.00	26.74 0.58 0.00	25.71 0.55 0.00	27.15 0.66 0.00	27.61 0.73 0.00	28.08 0.79 0.00	28.88 0.65 0.00	31.86 0.81 0.00	26.00 -0.18 0.00	31.16 -0.35 0.00	24.32 -0.17 0.00	24.39 0.22 0.00	24.29 0.02 0.00	25.90 0.48 0.00	24.38 0.38 0.00	24.27 0.24 0.00
NEG NORTH___LWR_SARANAC 23913	19.74 -0.02 0.00	18.29 0.02 0.00	17.88 0.21 0.00	17.86 0.26 0.00	17.57 0.24 0.00	19.21 0.23 0.00	22.43 0.46 0.00	24.44 0.80 0.00	24.91 0.80 0.00	26.74 0.58 0.00	25.71 0.55 0.00	27.15 0.66 0.00	27.61 0.73 0.00	28.08 0.79 0.00	28.88 0.65 0.00	31.86 0.81 0.00	26.00 -0.18 0.00	31.16 -0.35 0.00	24.32 -0.17 0.00	24.39 0.22 0.00	24.29 0.02 0.00	25.90 0.48 0.00	24.38 0.38 0.00	24.27 0.24 0.00
NEG NORTH___PLATTSBURG 23628	19.74 -0.02 0.00	18.38 0.11 0.00	17.88 0.21 0.00	17.86 0.26 0.00	17.59 0.26 0.00	19.26 0.29 0.00	22.43 0.46 0.00	24.49 0.85 0.00	24.84 0.72 0.00	26.74 0.57 0.00	25.74 0.58 0.00	27.15 0.66 0.00	27.61 0.73 0.00	28.08 0.79 0.00	28.88 0.65 0.00	31.86 0.81 0.00	26.00 -0.18 0.00	31.25 -0.25 0.00	24.34 -0.15 0.00	24.39 0.22 0.00	24.31 0.05 0.00	25.90 0.48 0.00	24.37 0.38 0.00	24.27 0.24 0.00
NEG WEST_LEA_LOCKPORT 23791	20.36 0.59 0.00	18.53 0.26 0.00	17.58 -0.09 0.00	17.38 -0.21 0.00	17.33 0.00 0.00	19.28 0.30 0.00	21.68 -0.29 0.00	22.95 -0.73 -0.05	23.52 -0.75 -0.15	25.65 -0.60 -0.08	25.37 -0.53 -0.74	26.54 -0.58 -0.64	27.05 -0.56 -0.73	28.00 -0.41 -1.12	28.51 -0.59 -0.87	31.42 -0.62 -0.99	28.52 -0.18 -2.52	33.80 -0.28 -2.58	28.04 0.00 -3.55	26.77 -0.15 -2.75	26.58 -0.12 -2.44	26.38 -0.23 -1.20	24.71 -0.19 -0.91	24.78 0.07 -0.68
NEG WEST___LANCASTR 23811	20.28 0.51 0.00	18.47 0.20 0.00	17.58 -0.09 0.00	17.38 -0.21 0.00	17.33 0.00 0.00	19.24 0.27 0.00	21.81 -0.15 0.00	23.18 -0.52 -0.06	23.80 -0.51 -0.18	25.90 -0.37 -0.10	25.69 -0.35 -0.88	26.88 -0.37 -0.76	27.38 -0.38 -0.87	28.44 -0.19 -1.34	28.90 -0.37 -1.04	31.80 -0.43 -1.19	29.24 0.05 -3.01	34.58 0.00 -3.08	28.90 0.17 -4.24	27.45 0.00 -3.28	27.22 0.05 -2.91	26.79 -0.05 -1.43	24.94 -0.14 -1.09	25.03 0.19 -0.81
NEG_PENN_ALLEGHNY 23528	20.38 0.61 0.00	18.66 0.38 0.00	18.01 0.33 0.00	17.93 0.33 0.00	17.66 0.33 0.00	19.47 0.49 0.00	22.54 0.57 0.00	24.08 0.33 -0.11	24.86 0.38 -0.36	26.83 0.47 -0.19	27.33 0.45 -1.72	28.47 0.50 -1.48	29.08 0.51 -1.69	30.47 0.57 -2.61	30.82 0.56 -2.03	34.03 0.65 -2.33	32.66 0.63 -5.85	38.27 0.75 -6.01	33.36 0.61 -8.26	31.07 0.51 -6.39	30.51 0.58 -5.67	28.81 0.61 -2.78	26.64 0.53 -2.12	26.20 0.60 -1.57
NEG___GEN_MONROE 24207	20.54 0.77 0.00	18.79 0.51 0.00	17.83 0.16 0.00	17.68 0.09 0.00	17.59 0.26 0.00	19.51 0.53 0.00	22.10 0.13 0.00	23.49 -0.19 -0.04	24.02 -0.22 -0.12	26.10 -0.13 -0.07	25.76 0.00 -0.60	26.84 -0.16 -0.51	27.33 -0.13 -0.59	28.25 0.05 -0.90	28.92 0.00 -0.70	31.84 0.00 -0.79	28.36 0.16 -2.02	33.66 0.09 -2.06	27.57 0.24 -2.84	26.56 0.19 -2.20	26.40 0.19 -1.95	26.50 0.13 -0.96	24.82 0.10 -0.73	24.81 0.24 -0.54
NEPA___ENERGY 23901	20.50 0.73 0.00	18.68 0.40 0.00	17.80 0.12 0.00	17.61 0.02 0.00	17.54 0.21 0.00	19.49 0.51 0.00	22.12 0.15 0.00	23.58 -0.12 -0.06	24.33 0.02 -0.18	26.42 0.16 -0.10	26.18 0.13 -0.89	27.36 0.11 -0.76	27.87 0.11 -0.88	28.94 0.30 -1.35	29.42 0.14 -1.05	32.40 0.16 -1.19	29.61 0.39 -3.04	35.06 0.44 -3.11	29.29 0.51 -4.28	27.84 0.36 -3.31	27.61 0.41 -2.94	27.22 0.36 -1.44	25.36 0.26 -1.10	25.35 0.50 -0.81
NEVERSINK___HYD 23608	20.52 0.75 0.00	18.95 0.68 0.00	18.33 0.65 0.00	18.19 0.60 0.00	17.90 0.57 0.00	19.70 0.72 0.00	22.87 0.90 0.00	24.88 0.95 -0.29	26.06 0.99 -0.95	27.86 1.18 -0.52	30.71 0.98 -4.57	31.42 1.01 -3.93	32.37 1.00 -4.50	35.18 0.95 -6.93	33.81 0.20 -5.38	37.43 0.25 -6.13	42.27 0.55 -15.54	48.41 0.91 -15.99	47.16 0.64 -22.03	41.77 0.56 -17.04	40.54 1.16 -15.11	33.93 1.09 -7.42	30.73 1.08 -5.65	29.33 1.11 -4.19
NEWKRMKL_115KV_TB1 55635	20.30 0.53 0.00	18.73 0.46 0.00	18.20 0.53 0.00	18.12 0.53 0.00	17.81 0.49 0.00	19.53 0.55 0.00	21.65 0.68 1.00	20.38 0.87 4.13	21.37 0.87 3.61	22.41 0.97 4.73	36.59 1.01 -10.42	36.47 1.03 -8.95	38.12 0.99 -10.25	37.95 0.98 -9.68	39.67 1.07 -10.37	40.66 1.15 -8.47	54.06 0.99 -26.88	69.45 1.20 -36.75	76.00 0.88 -50.63	64.15 0.82 -39.16	59.82 0.82 -34.73	43.33 0.86 -17.05	37.84 0.86 -12.99	34.62 0.96 -9.63
NEWTON___FALLS_HYD 23847	19.76 0.00 0.00	18.24 -0.04 0.00	17.65 -0.02 0.00	17.58 -0.02 0.00	17.31 -0.02 0.00	18.98 0.00 0.00	21.88 -0.09 0.00	23.40 -0.24 0.00	23.83 -0.29 0.00	25.82 -0.34 0.00	24.81 -0.35 0.00	26.22 -0.26 0.00	26.61 -0.27 0.00	27.07 -0.22 0.00	27.95 -0.28 0.00	30.76 -0.31 -0.02	25.71 -0.47 0.00	30.88 -0.63 -0.01	24.00 -0.49 0.00	23.90 -0.27 0.00	24.02 -0.24 0.00	25.32 -0.10 0.00	23.94 -0.05 0.00	23.86 -0.17 0.00
NGRID_A1_DSASP 323792	20.00 0.24 0.00	18.07 -0.20 0.00	17.27 -0.41 0.00	17.22 -0.37 0.00	17.03 -0.29 0.00	18.75 -0.23 0.00	21.73 -0.24 0.00	22.48 -1.20 -0.05	23.14 -1.13 -0.16	25.10 -1.15 -0.09	24.86 -1.06 -0.76	25.97 -1.16 -0.65	26.47 -1.16 -0.74	27.45 -0.98 -1.15	27.90 -1.21 -0.89	30.82 -1.24 -1.01	27.94 -0.81 -2.57	33.10 -1.04 -2.63	27.55 -0.56 -3.63	26.27 -0.70 -2.81	26.05 -0.70 -2.49	25.85 -0.79 -1.22	24.20 -0.72 -0.93	24.31 -0.41 -0.69
NGRID_A2_DSASP 323793	20.00 0.24 0.00	18.07 -0.20 0.00	17.27 -0.41 0.00	17.22 -0.37 0.00	17.03 -0.29 0.00	18.75 -0.23 0.00	21.73 -0.24 0.00	22.48 -1.20 -0.05	23.14 -1.13 -0.16	25.10 -1.15 -0.09	24.86 -1.06 -0.76	25.97 -1.16 -0.65	26.47 -1.16 -0.74	27.45 -0.98 -1.15	27.90 -1.21 -0.89	30.82 -1.24 -1.01	27.94 -0.81 -2.57	33.10 -1.04 -2.63	27.55 -0.56 -3.63	26.27 -0.70 -2.81	26.05 -0.70 -2.49	25.85 -0.79 -1.22	24.20 -0.72 -0.93	24.31 -0.41 -0.69
NGRID_A4_DSASP 323807	19.90 0.14 0.00	18.13 -0.15 0.00	17.21 -0.46 0.00	17.01 -0.58 0.00	16.98 -0.35 0.00	18.88 -0.09 0.00	21.29 -0.68 0.00	22.51 -1.18 -0.05	23.05 -1.23 -0.16	25.10 -1.15 -0.09	24.86 -1.06 -0.76	25.97 -1.17 -0.65	26.47 -1.16 -0.74	27.45 -0.98 -1.15	27.90 -1.21 -0.89	30.82 -1.24 -1.01	27.97 -0.79 -2.57	33.13 -1.01 -2.63	27.55 -0.56 -3.62	26.29 -0.68 -2.80	26.07 -0.68 -2.49	25.88 -0.76 -1.22	24.23 -0.70 -0.93	24.31 -0.41 -0.69
NIAGARA_115E_LBMP 323715	19.92 0.16 0.00	17.98 -0.29 0.00	17.39 -0.28 0.00	17.35 -0.25 0.00	16.95 -0.38 0.00	18.90 -0.08 0.00	21.84 -0.13 0.00	22.53 -1.16 -0.05	23.22 -1.06 -0.16	25.15 -1.10 -0.09	24.94 -0.98 -0.76	26.05 -1.09 -0.65	26.55 -1.08 -0.75	27.48 -0.96 -1.15	27.99 -1.13 -0.89	30.82 -1.24 -1.02	28.02 -0.73 -2.58	33.20 -0.94 -2.64	27.64 -0.49 -3.64	26.35 -0.63 -2.81	26.13 -0.63 -2.50	25.88 -0.76 -1.23	24.28 -0.65 -0.93	24.36 -0.36 -0.69

NIAGARA_115W_LBMP 323714	19.94 0.18 0.00	18.02 -0.26 0.00	17.21 -0.46 0.00	17.17 -0.42 0.00	16.98 -0.35 0.00	18.69 -0.28 0.00	21.66 -0.31 0.00	22.41 -1.28 -0.05	23.09 -1.18 -0.16	25.02 -1.23 -0.09	24.78 -1.13 -0.75	25.89 -1.24 -0.65	26.39 -1.24 -0.74	27.37 -1.06 -1.14	27.82 -1.30 -0.89	30.73 -1.33 -1.01	27.85 -0.89 -2.56	33.00 -1.13 -2.63	27.47 -0.64 -3.62	26.20 -0.77 -2.80	25.97 -0.78 -2.48	25.77 -0.86 -1.22	24.13 -0.79 -0.93	24.24 -0.48 -0.69
NIAGARA_230_LBMP 323716	20.08 0.32 0.00	18.15 -0.13 0.00	17.44 -0.23 0.00	17.40 -0.19 0.00	17.10 -0.23 0.00	18.96 -0.02 0.00	21.97 0.00 0.00	22.74 -0.95 -0.05	23.41 -0.87 -0.15	25.39 -0.86 -0.08	25.12 -0.78 -0.74	26.22 -0.90 -0.64	26.75 -0.86 -0.73	27.70 -0.71 -1.13	28.20 -0.90 -0.87	31.12 -0.93 -1.00	28.21 -0.50 -2.52	33.43 -0.66 -2.59	27.79 -0.27 -3.57	26.52 -0.41 -2.76	26.29 -0.41 -2.45	26.08 -0.53 -1.20	24.43 -0.48 -0.91	24.54 -0.17 -0.68
NIAGARA__115KV_198_GIBSON 55903	19.84 0.08 0.00	18.07 -0.20 0.00	17.16 -0.51 0.00	16.96 -0.63 0.00	16.93 -0.40 0.00	18.83 -0.15 0.00	21.24 -0.72 0.00	22.44 -1.25 -0.05	22.97 -1.30 -0.16	25.02 -1.23 -0.09	24.78 -1.13 -0.75	25.89 -1.24 -0.65	26.39 -1.24 -0.74	27.37 -1.06 -1.14	27.82 -1.30 -0.89	30.73 -1.34 -1.01	27.88 -0.86 -2.57	33.03 -1.10 -2.63	27.47 -0.64 -3.62	26.22 -0.75 -2.80	25.99 -0.75 -2.48	25.82 -0.81 -1.22	24.15 -0.77 -0.93	24.26 -0.46 -0.69
NIAGARA____ 23760	19.92 0.16 0.00	18.00 -0.27 0.00	17.28 -0.39 0.00	17.24 -0.35 0.00	16.96 -0.36 0.00	18.79 -0.19 0.00	21.75 -0.22 0.00	22.55 -1.13 -0.05	23.24 -1.04 -0.16	25.18 -1.07 -0.09	24.96 -0.96 -0.75	26.07 -1.06 -0.64	26.57 -1.05 -0.74	27.53 -0.90 -1.14	28.01 -1.10 -0.88	30.91 -1.15 -1.01	28.03 -0.71 -2.56	33.21 -0.91 -2.62	27.61 -0.49 -3.61	26.36 -0.60 -2.79	26.13 -0.61 -2.48	25.92 -0.71 -1.22	24.27 -0.65 -0.93	24.31 -0.41 -0.69
NINE_MILE_1 23575	19.39 -0.38 0.00	17.85 -0.42 0.00	17.25 -0.42 0.00	17.17 -0.42 0.00	16.93 -0.40 0.00	18.58 -0.40 0.00	21.46 -0.50 0.00	22.91 -0.73 0.00	23.40 -0.72 0.00	25.40 -0.76 0.00	24.46 -0.70 0.00	25.75 -0.74 0.00	26.13 -0.75 0.00	26.55 -0.74 0.00	27.44 -0.79 0.00	29.89 -0.87 0.30	25.50 -0.68 0.00	30.48 -0.85 0.18	23.88 -0.61 0.00	23.54 -0.63 0.00	23.66 -0.61 0.00	24.78 -0.63 0.00	23.37 -0.62 0.00	23.43 -0.60 0.00
NINE_MILE_2 23744	19.39 -0.38 0.00	17.85 -0.42 0.00	17.25 -0.42 0.00	17.19 -0.40 0.00	16.93 -0.40 0.00	18.58 -0.40 0.00	21.46 -0.50 0.00	22.91 -0.73 0.00	23.40 -0.72 0.00	25.40 -0.76 0.00	24.46 -0.70 0.00	25.75 -0.74 0.00	26.13 -0.75 0.00	26.55 -0.74 0.00	27.44 -0.79 0.00	29.88 -0.87 0.30	25.50 -0.68 0.00	30.48 -0.85 0.18	23.88 -0.61 0.00	23.54 -0.63 0.00	23.66 -0.61 0.00	24.78 -0.63 0.00	23.37 -0.62 0.00	23.43 -0.60 0.00
NM_CAPITAL____DRP 24208	20.36 0.59 0.00	18.79 0.51 0.00	18.25 0.58 0.00	18.17 0.58 0.00	17.86 0.54 0.00	19.59 0.61 0.00	21.46 0.75 1.26	19.21 0.95 5.37	19.93 0.94 5.13	20.93 1.02 6.26	36.47 1.06 -10.25	36.38 1.09 -8.80	38.01 1.05 -10.08	36.20 1.06 -7.85	39.04 1.13 -9.68	39.12 1.24 -6.83	51.34 1.05 -24.11	69.18 1.29 -36.38	75.57 0.96 -50.12	63.83 0.89 -38.77	59.54 0.90 -34.38	43.24 0.94 -16.88	37.79 0.94 -12.86	34.59 1.03 -9.53
NM_CENTRAL____DRP 24181	19.92 0.16 0.00	18.35 0.07 0.00	17.65 -0.02 0.00	17.56 -0.04 0.00	17.33 0.00 0.00	19.11 0.13 0.00	21.99 0.02 0.00	23.45 -0.21 -0.02	23.98 -0.22 -0.08	26.05 -0.16 -0.04	25.46 -0.10 -0.40	26.70 -0.13 -0.34	27.14 -0.13 -0.39	27.78 -0.11 -0.60	28.55 -0.14 -0.47	31.45 -0.16 -0.56	27.48 -0.05 -1.35	32.79 -0.09 -1.38	26.37 0.00 -1.88	25.53 -0.10 -1.46	25.53 -0.02 -1.29	26.05 0.00 -0.63	24.40 -0.07 -0.48	24.37 -0.02 -0.36
NM_FRONTIER____DRP 24179	19.84 0.08 0.00	18.07 -0.20 0.00	17.16 -0.51 0.00	16.96 -0.63 0.00	16.93 -0.40 0.00	18.83 -0.15 0.00	21.24 -0.72 0.00	22.44 -1.25 -0.05	22.97 -1.30 -0.16	25.02 -1.23 -0.09	24.78 -1.13 -0.75	25.89 -1.24 -0.65	26.39 -1.24 -0.74	27.37 -1.06 -1.14	27.82 -1.30 -0.89	30.73 -1.34 -1.01	27.88 -0.86 -2.57	33.03 -1.10 -2.63	27.47 -0.64 -3.62	26.22 -0.75 -2.80	25.99 -0.75 -2.48	25.82 -0.81 -1.22	24.15 -0.77 -0.93	24.26 -0.46 -0.69
NM_ST_REGIS____HYD 24053	19.41 -0.36 0.00	18.00 -0.27 0.00	17.48 -0.19 0.00	17.43 -0.16 0.00	17.14 -0.19 0.00	18.73 -0.25 0.00	21.66 -0.31 0.00	23.38 -0.26 0.00	23.85 -0.27 0.00	25.75 -0.42 0.00	24.76 -0.40 0.00	26.14 -0.34 0.00	26.56 -0.32 0.00	26.99 -0.30 0.00	27.83 -0.40 0.00	30.60 -0.47 -0.01	25.29 -0.89 0.00	30.37 -1.13 0.00	23.58 -0.91 0.00	23.59 -0.58 0.00	23.58 -0.68 0.00	24.96 -0.46 0.00	23.63 -0.36 0.00	23.53 -0.50 0.00
NORTHPORT____1 23551	28.77 1.74 -7.27	23.32 1.66 -3.38	20.99 1.64 -1.68	19.15 1.53 -0.03	20.59 1.51 -1.76	21.53 1.80 -0.75	26.11 2.09 -2.05	30.13 2.32 -4.18	31.68 2.29 -5.27	32.18 2.67 -3.35	42.71 2.36 -15.19	45.43 2.46 -16.48	45.43 2.45 -16.10	47.60 2.37 -17.94	36.95 2.54 -6.18	41.09 2.80 -7.25	50.34 2.51 -21.65	52.02 3.02 -17.49	51.28 2.30 -24.49	45.00 2.18 -18.65	43.09 2.16 -16.67	37.13 2.01 -9.71	32.32 2.06 -6.26	34.11 2.31 -7.78
NORTHPORT____2 23552	28.77 1.74 -7.27	23.32 1.66 -3.38	20.99 1.64 -1.68	19.15 1.53 -0.03	20.59 1.51 -1.76	21.53 1.80 -0.75	26.11 2.09 -2.05	30.13 2.32 -4.18	31.68 2.29 -5.27	32.18 2.67 -3.35	42.71 2.36 -15.19	45.43 2.46 -16.48	45.43 2.45 -16.10	47.60 2.37 -17.94	36.95 2.54 -6.18	41.09 2.80 -7.25	50.34 2.51 -21.65	52.02 3.02 -17.49	51.28 2.30 -24.49	45.00 2.18 -18.65	43.09 2.16 -16.67	37.13 2.01 -9.71	32.32 2.06 -6.26	34.11 2.31 -7.78
NORTHPORT____3 23553	28.75 1.72 -7.27	23.30 1.65 -3.38	20.96 1.61 -1.68	19.14 1.51 -0.03	20.56 1.47 -1.76	21.49 1.77 -0.75	26.08 2.06 -2.05	30.09 2.27 -4.17	31.69 2.32 -5.26	32.20 2.70 -3.34	42.66 2.31 -15.19	45.38 2.41 -16.49	45.38 2.39 -16.11	47.64 2.40 -17.95	37.10 2.68 -6.19	41.26 2.95 -7.25	50.43 2.59 -21.66	52.09 3.09 -17.50	51.36 2.37 -24.50	45.13 2.30 -18.66	43.24 2.31 -16.68	37.24 2.11 -9.71	32.45 2.21 -6.26	34.07 2.26 -7.78
NORTHPORT____4 23650	28.75 1.72 -7.27	23.30 1.65 -3.38	20.96 1.61 -1.68	19.14 1.51 -0.03	20.56 1.47 -1.76	21.49 1.77 -0.75	26.08 2.06 -2.05	30.09 2.27 -4.17	31.69 2.32 -5.26	32.20 2.70 -3.34	42.66 2.31 -15.19	45.38 2.41 -16.49	45.38 2.39 -16.11	47.64 2.40 -17.95	37.10 2.68 -6.19	41.26 2.95 -7.25	50.43 2.59 -21.66	52.09 3.09 -17.50	51.36 2.37 -24.50	45.13 2.30 -18.66	43.24 2.31 -16.68	37.24 2.11 -9.71	32.45 2.21 -6.26	34.07 2.26 -7.78
NORTHPORT____IC 23718	28.77 1.74 -7.27	23.32 1.66 -3.38	20.99 1.64 -1.68	19.15 1.53 -0.03	20.59 1.51 -1.76	21.53 1.80 -0.75	26.11 2.09 -2.05	30.13 2.32 -4.18	31.68 2.29 -5.27	32.18 2.67 -3.35	42.71 2.36 -15.19	45.43 2.46 -16.48	45.43 2.45 -16.10	47.60 2.37 -17.94	36.95 2.54 -6.18	41.09 2.80 -7.25	50.34 2.51 -21.65	52.02 3.02 -17.49	51.28 2.30 -24.49	45.00 2.18 -18.65	43.09 2.16 -16.67	37.13 2.01 -9.71	32.32 2.06 -6.26	34.11 2.31 -7.78

NORTH__COUNTRY_ESR 323785	19.49 -0.28 0.00	18.16 -0.11 0.00	17.67 0.00 0.00	17.65 0.05 0.00	17.38 0.05 0.00	19.02 0.04 0.00	22.12 0.15 0.00	24.11 0.47 0.00	24.50 0.38 0.00	26.40 0.23 0.00	25.41 0.25 0.00	26.81 0.32 0.00	27.23 0.35 0.00	27.67 0.38 0.00	28.51 0.28 0.00	31.42 0.37 0.00	25.81 -0.37 0.00	31.06 -0.44 0.00	24.15 -0.34 0.00	24.14 -0.02 0.00	24.07 -0.19 0.00	25.52 0.10 0.00	24.04 0.05 0.00	23.96 -0.07 0.00
NPX_GEN_1385_PROXY 323591	28.77 1.74 -7.27	23.35 1.70 -3.38	21.03 1.68 -1.68	19.19 1.57 -0.03	20.63 1.54 -1.76	21.57 1.84 -0.75	25.77 2.15 -1.65	30.58 2.36 -4.58	31.68 2.29 -5.27	32.18 2.67 -3.35	42.71 2.36 -15.19	45.43 2.46 -16.48	45.43 2.45 -16.10	47.60 2.37 -17.94	36.95 2.54 -6.18	41.09 2.80 -7.25	50.34 2.51 -21.65	52.08 3.09 -17.49	51.33 2.35 -24.49	45.04 2.22 -18.65	43.14 2.21 -16.67	37.18 2.06 -9.71	32.56 2.13 -6.44	34.01 2.38 -7.60
NPX_GEN_CSC 323557	29.27 2.23 -7.27	23.85 2.19 -3.38	21.56 2.21 -1.68	19.66 2.04 -0.03	21.08 1.99 -1.76	22.08 2.35 -0.75	26.36 2.75 -1.65	31.27 3.05 -4.58	37.38 2.99 -10.27	37.95 3.43 -8.36	43.40 3.04 -15.20	46.18 3.20 -16.49	46.13 3.14 -16.10	57.06 3.19 -26.59	48.59 3.44 -16.92	57.21 3.76 -22.40	62.79 3.38 -33.23	63.46 4.16 -27.79	73.88 3.21 -46.19	58.74 3.09 -31.48	58.44 3.15 -31.03	57.53 3.02 -29.09	39.73 3.07 -12.67	34.81 3.17 -7.61
NSINS_S_GLNS_FALLS 23858	21.05 1.28 0.00	19.37 1.10 0.00	18.75 1.08 0.00	18.67 1.07 0.00	18.35 1.02 0.00	20.21 1.23 0.00	24.32 1.52 -0.84	30.31 1.73 -4.95	33.83 1.81 -7.91	34.85 2.07 -6.62	41.53 1.71 -14.66	40.91 1.83 -12.59	43.22 1.91 -14.43	56.70 2.02 -27.39	48.92 1.83 -18.86	57.40 2.05 -24.30	85.05 1.83 -57.04	83.10 2.11 -49.48	94.55 1.89 -68.17	78.91 2.01 -52.73	73.09 2.06 -46.76	50.46 2.08 -22.96	43.38 1.90 -17.49	38.87 1.87 -12.96
NUCOR_STEEL__DRP 24197	20.24 0.47 0.00	18.64 0.37 0.00	17.94 0.27 0.00	17.82 0.23 0.00	17.62 0.29 0.00	19.45 0.47 0.00	22.36 0.40 0.00	23.87 0.19 -0.04	24.41 0.17 -0.12	26.52 0.29 -0.07	26.08 0.33 -0.59	27.39 0.40 -0.51	27.84 0.38 -0.58	28.62 0.44 -0.89	29.34 0.42 -0.69	32.39 0.50 -0.84	28.65 0.47 -2.00	34.14 0.57 -2.07	27.79 0.49 -2.81	26.70 0.36 -2.17	26.67 0.49 -1.93	26.95 0.58 -0.95	25.15 0.43 -0.72	25.05 0.48 -0.53
NUMBER_THREE_WT_PWR 323818	20.12 0.36 0.00	18.49 0.22 0.00	17.87 0.19 0.00	17.79 0.19 0.00	17.54 0.21 0.00	19.24 0.27 0.00	22.25 0.28 0.00	23.69 0.05 0.00	24.14 0.02 0.00	26.24 0.08 0.00	25.21 0.05 0.00	26.65 0.16 0.00	27.05 0.16 0.00	27.51 0.22 0.00	28.43 0.20 0.00	31.36 0.28 -0.03	26.37 0.18 0.00	31.64 0.13 -0.01	24.61 0.12 0.00	24.41 0.24 0.00	24.60 0.34 0.00	25.85 0.43 0.00	24.40 0.41 0.00	24.34 0.31 0.00
NYISO_LBMP_REFERENCE 24008	19.76 0.00 0.00	18.27 0.00 0.00	17.67 0.00 0.00	17.59 0.00 0.00	17.33 0.00 0.00	18.98 0.00 0.00	21.97 0.00 0.00	23.64 0.00 0.00	24.12 0.00 0.00	26.16 0.00 0.00	25.16 0.00 0.00	26.49 0.00 0.00	26.88 0.00 0.00	27.29 0.00 0.00	28.23 0.00 0.00	31.05 0.00 0.00	26.18 0.00 0.00	31.50 0.00 0.00	24.49 0.00 0.00	24.17 0.00 0.00	24.26 0.00 0.00	25.42 0.00 0.00	23.99 0.00 0.00	24.03 0.00 0.00
NYPA_BRENTWD__GT 24164	29.05 2.02 -7.27	23.59 1.94 -3.38	21.24 1.89 -1.68	19.40 1.78 -0.03	20.83 1.75 -1.76	21.81 2.09 -0.75	26.43 2.42 -2.05	30.49 2.67 -4.17	33.05 2.68 -6.26	33.59 3.09 -4.34	43.09 2.74 -15.19	45.83 2.86 -16.48	45.83 2.85 -16.10	49.78 2.84 -19.65	39.64 3.11 -8.31	44.68 3.38 -10.25	53.16 3.04 -23.94	54.69 3.65 -19.53	56.12 2.84 -28.79	48.07 2.71 -21.19	46.47 2.69 -19.51	41.50 2.54 -13.54	34.06 2.57 -7.50	34.52 2.71 -7.78
NYPA_GOWANUS__GT5 24156	21.21 1.44 0.00	19.53 1.26 0.00	18.89 1.22 0.00	18.72 1.13 0.00	18.44 1.11 0.00	20.23 1.25 0.00	23.42 1.45 0.00	25.58 1.63 -0.31	26.94 1.81 -1.01	28.91 2.20 -0.55	31.76 1.73 -4.87	32.55 1.88 -4.18	33.58 1.91 -4.79	36.61 1.94 -7.38	36.13 2.17 -5.73	40.00 2.42 -6.53	45.06 2.33 -16.55	51.21 2.71 -17.00	49.87 1.96 -23.42	43.95 1.67 -18.11	41.88 1.55 -16.06	34.67 1.37 -7.89	31.46 1.46 -6.01	30.22 1.73 -4.46
NYPA_GOWANUS__GT6 24157	21.21 1.44 0.00	19.53 1.26 0.00	18.89 1.22 0.00	18.72 1.13 0.00	18.44 1.11 0.00	20.23 1.25 0.00	23.42 1.45 0.00	25.58 1.63 -0.31	26.94 1.81 -1.01	28.91 2.20 -0.55	31.76 1.73 -4.87	32.55 1.88 -4.18	33.58 1.91 -4.79	36.61 1.94 -7.38	36.13 2.17 -5.73	40.00 2.42 -6.53	45.06 2.33 -16.55	51.21 2.71 -17.00	49.87 1.96 -23.42	43.95 1.67 -18.11	41.88 1.55 -16.06	34.67 1.37 -7.89	31.46 1.46 -6.01	30.22 1.73 -4.46
NYPA_HARLEM_RVR_GT1 24160	21.20 1.42 -0.01	19.56 1.28 -0.01	18.93 1.25 -0.01	18.76 1.16 -0.01	18.48 1.14 -0.01	20.27 1.29 0.00	23.33 1.36 0.00	25.45 1.51 -0.30	26.79 1.66 -1.01	28.72 2.01 -0.54	31.58 1.56 -4.86	32.33 1.67 -4.17	33.30 1.64 -4.78	36.30 1.64 -7.38	35.81 1.86 -5.72	39.62 2.05 -6.52	44.74 2.02 -16.54	50.89 2.39 -16.99	49.56 1.67 -23.41	43.72 1.45 -18.10	41.65 1.33 -16.05	34.41 1.12 -7.88	31.37 1.37 -6.01	30.14 1.66 -4.45
NYPA_HARLEM_RVR_GT2 24161	21.20 1.42 -0.01	19.56 1.28 -0.01	18.93 1.25 -0.01	18.76 1.16 -0.01	18.48 1.14 -0.01	20.27 1.29 0.00	23.33 1.36 0.00	25.45 1.51 -0.30	26.79 1.66 -1.01	28.72 2.01 -0.54	31.58 1.56 -4.86	32.33 1.67 -4.17	33.30 1.64 -4.78	36.30 1.64 -7.38	35.81 1.86 -5.72	39.62 2.05 -6.52	44.74 2.02 -16.54	50.89 2.39 -16.99	49.56 1.67 -23.41	43.72 1.45 -18.10	41.65 1.33 -16.05	34.41 1.12 -7.88	31.37 1.37 -6.01	30.14 1.66 -4.45
NYPA_KENT__GT 24152	21.17 1.40 0.00	19.50 1.22 0.00	18.87 1.20 0.00	18.70 1.11 0.00	18.42 1.09 0.00	20.23 1.25 0.00	23.42 1.45 0.00	25.58 1.63 -0.31	26.94 1.81 -1.01	28.91 2.20 -0.55	31.76 1.73 -4.87	32.52 1.85 -4.18	33.52 1.85 -4.79	36.55 1.88 -7.38	36.08 2.12 -5.73	39.91 2.33 -6.53	44.98 2.25 -16.55	51.15 2.65 -17.00	49.79 1.89 -23.42	43.90 1.62 -18.11	41.85 1.53 -16.06	34.65 1.35 -7.89	31.44 1.44 -6.01	30.15 1.66 -4.46
NYPA_POUCH1__GT 24155	21.21 1.44 0.00	19.52 1.24 0.00	18.89 1.22 0.00	18.72 1.13 0.00	18.44 1.11 0.00	20.19 1.22 0.00	23.38 1.41 0.00	25.53 1.58 -0.31	26.87 1.74 -1.01	28.83 2.12 -0.55	31.69 1.66 -4.87	32.47 1.80 -4.18	33.50 1.83 -4.79	36.53 1.86 -7.39	36.08 2.12 -5.73	39.91 2.33 -6.53	44.98 2.25 -16.55	51.15 2.65 -17.00	49.79 1.89 -23.42	43.88 1.59 -18.12	41.81 1.48 -16.07	34.63 1.32 -7.89	31.41 1.42 -6.01	30.22 1.73 -4.46
NYPA_VERNON__GT2 24162	21.13 1.36 0.00	19.48 1.21 0.00	18.86 1.18 0.00	18.68 1.09 0.00	18.40 1.07 0.00	20.23 1.25 0.00	23.42 1.45 0.00	25.60 1.65 -0.31	26.94 1.81 -1.01	28.89 2.17 -0.55	31.76 1.73 -4.87	32.49 1.83 -4.18	33.50 1.83 -4.79	36.50 1.83 -7.38	36.02 2.06 -5.73	39.82 2.24 -6.53	44.90 2.17 -16.55	51.09 2.58 -17.00	49.74 1.84 -23.42	43.88 1.59 -18.11	41.83 1.50 -16.06	34.60 1.30 -7.89	31.41 1.42 -6.01	30.10 1.61 -4.45

ONONDAGA_REF_OCCRA 23987	19.98 0.22 0.00	18.40 0.13 0.00	17.71 0.04 0.00	17.59 0.00 0.00	17.38 0.05 0.00	19.17 0.19 0.00	22.06 0.09 0.00	23.55 -0.12 -0.03	24.08 -0.14 -0.11	26.17 -0.05 -0.06	25.67 0.00 -0.51	26.93 0.00 -0.44	27.39 0.00 -0.51	28.09 0.03 -0.78	28.83 0.00 -0.60	31.80 0.03 -0.72	28.01 0.08 -1.75	33.37 0.06 -1.80	27.04 0.10 -2.45	26.09 0.02 -1.89	26.04 0.10 -1.68	26.37 0.13 -0.82	24.67 0.05 -0.63	24.57 0.07 -0.47
ONONDAGA___COGEN 23986	20.02 0.26 0.00	18.44 0.16 0.00	17.72 0.05 0.00	17.63 0.04 0.00	17.41 0.09 0.00	19.21 0.23 0.00	22.10 0.13 0.00	23.58 -0.09 -0.03	24.10 -0.12 -0.10	26.16 -0.05 -0.05	25.66 0.03 -0.47	26.92 0.03 -0.41	27.40 0.05 -0.46	28.09 0.08 -0.72	28.84 0.06 -0.55	31.83 0.09 -0.69	27.92 0.13 -1.60	33.27 0.09 -1.67	26.86 0.12 -2.25	25.96 0.05 -1.74	25.92 0.12 -1.54	26.33 0.15 -0.76	24.64 0.07 -0.58	24.58 0.12 -0.43
ONTARIO___LFGE 23819	20.38 0.61 0.00	18.55 0.27 0.00	17.87 0.19 0.00	17.79 0.19 0.00	17.54 0.21 0.00	19.40 0.42 0.00	22.45 0.48 0.00	23.76 0.07 -0.04	24.46 0.19 -0.15	26.51 0.26 -0.08	26.18 0.30 -0.71	27.47 0.37 -0.61	27.93 0.35 -0.70	28.83 0.46 -1.08	29.49 0.42 -0.84	32.49 0.47 -0.97	29.15 0.55 -2.42	34.53 0.54 -2.49	28.50 0.59 -3.42	27.30 0.48 -2.65	27.19 0.58 -2.35	27.21 0.64 -1.15	25.35 0.48 -0.88	25.24 0.55 -0.65
ORANGEVILLE_WT_PWR 323706	20.42 0.65 0.00	18.49 0.22 0.00	17.80 0.12 0.00	17.75 0.16 0.00	17.45 0.12 0.00	19.36 0.38 0.00	22.43 0.46 0.00	23.39 -0.31 -0.06	24.14 -0.17 -0.19	26.14 -0.13 -0.11	25.99 -0.10 -0.93	27.18 -0.11 -0.80	27.72 -0.08 -0.91	28.78 0.08 -1.41	29.24 -0.08 -1.09	32.26 -0.03 -1.24	29.60 0.26 -3.15	34.99 0.25 -3.23	29.34 0.39 -4.46	27.86 0.24 -3.45	27.61 0.29 -3.06	27.17 0.25 -1.50	25.33 0.19 -1.14	25.29 0.41 -0.85
ORANGEVILLE___ESR 323794	20.42 0.65 0.00	18.49 0.22 0.00	17.80 0.12 0.00	17.75 0.16 0.00	17.45 0.12 0.00	19.36 0.38 0.00	22.43 0.46 0.00	23.39 -0.31 -0.06	24.14 -0.17 -0.19	26.14 -0.13 -0.11	25.99 -0.10 -0.93	27.18 -0.11 -0.80	27.72 -0.08 -0.91	28.78 0.08 -1.41	29.24 -0.08 -1.09	32.26 -0.03 -1.24	29.60 0.26 -3.15	34.99 0.25 -3.23	29.34 0.39 -4.46	27.86 0.24 -3.45	27.61 0.29 -3.06	27.17 0.25 -1.50	25.33 0.19 -1.14	25.29 0.41 -0.85
OSWEGATCHIE___HYD 24044	19.74 -0.02 0.00	18.22 -0.05 0.00	17.64 -0.04 0.00	17.58 -0.02 0.00	17.29 -0.03 0.00	18.94 -0.04 0.00	21.88 -0.09 0.00	23.43 -0.21 0.00	23.80 -0.31 0.00	25.82 -0.34 0.00	24.81 -0.35 0.00	26.22 -0.26 0.00	26.61 -0.27 0.00	27.07 -0.22 0.00	27.95 -0.28 0.00	30.76 -0.31 -0.02	25.71 -0.47 0.00	30.91 -0.60 -0.01	24.00 -0.49 0.00	23.90 -0.27 0.00	24.02 -0.24 0.00	25.32 -0.10 0.00	23.94 -0.05 0.00	23.86 -0.17 0.00
OSWEGO___5 23606	19.55 -0.22 0.00	18.00 -0.27 0.00	17.39 -0.28 0.00	17.31 -0.28 0.00	17.05 -0.28 0.00	18.73 -0.25 0.00	21.64 -0.33 0.00	23.10 -0.54 0.00	23.59 -0.53 0.00	25.61 -0.55 0.00	24.66 -0.50 0.00	25.96 -0.53 0.00	26.35 -0.54 0.00	26.77 -0.52 0.00	27.69 -0.54 0.00	30.68 -0.59 -0.22	25.74 -0.45 0.00	31.07 -0.57 -0.13	24.10 -0.39 0.00	23.73 -0.43 0.00	23.87 -0.39 0.00	25.01 -0.41 0.00	23.58 -0.41 0.00	23.65 -0.39 0.00
OSWEGO___6 23613	19.55 -0.22 0.00	18.00 -0.27 0.00	17.39 -0.28 0.00	17.31 -0.28 0.00	17.05 -0.28 0.00	18.73 -0.25 0.00	21.64 -0.33 0.00	23.10 -0.54 0.00	23.59 -0.53 0.00	25.61 -0.55 0.00	24.66 -0.50 0.00	25.96 -0.53 0.00	26.35 -0.54 0.00	26.77 -0.52 0.00	27.69 -0.54 0.00	30.68 -0.59 -0.22	25.74 -0.45 0.00	31.07 -0.57 -0.13	24.10 -0.39 0.00	23.73 -0.43 0.00	23.87 -0.39 0.00	25.01 -0.41 0.00	23.58 -0.41 0.00	23.65 -0.39 0.00
OUTOKUMPU-AB___DRP 24206	20.46 0.69 0.00	18.62 0.35 0.00	17.65 -0.02 0.00	17.45 -0.14 0.00	17.41 0.09 0.00	19.38 0.40 0.00	21.81 -0.15 0.00	23.12 -0.57 -0.05	23.72 -0.55 -0.16	25.86 -0.39 -0.09	25.63 -0.30 -0.77	26.81 -0.34 -0.66	27.29 -0.35 -0.76	28.32 -0.14 -1.17	28.80 -0.34 -0.91	31.77 -0.31 -1.04	28.89 0.08 -2.63	34.19 0.00 -2.69	28.39 0.20 -3.70	27.06 0.02 -2.86	26.87 0.07 -2.54	26.64 -0.03 -1.25	24.89 -0.05 -0.95	24.95 0.22 -0.70
OXBOW___ 24026	20.28 0.51 0.00	18.31 0.04 0.00	17.53 -0.14 0.00	17.49 -0.10 0.00	17.24 -0.09 0.00	19.04 0.06 0.00	22.06 0.09 0.00	22.84 -0.85 -0.05	23.55 -0.72 -0.16	25.55 -0.71 -0.09	25.32 -0.60 -0.76	26.48 -0.66 -0.66	26.96 -0.67 -0.75	27.98 -0.46 -1.16	28.42 -0.70 -0.90	31.39 -0.68 -1.02	28.52 -0.26 -2.60	33.76 -0.41 -2.66	28.04 -0.12 -3.67	26.74 -0.27 -2.84	26.51 -0.27 -2.52	26.32 -0.33 -1.24	24.60 -0.34 -0.94	24.70 -0.02 -0.70
OXY_CHEM_DSASP 323612	19.90 0.14 0.00	18.13 -0.15 0.00	17.21 -0.46 0.00	17.01 -0.58 0.00	16.98 -0.35 0.00	18.88 -0.09 0.00	21.29 -0.68 0.00	22.51 -1.18 -0.05	23.05 -1.23 -0.16	25.10 -1.15 -0.09	24.86 -1.06 -0.76	25.97 -1.17 -0.65	26.47 -1.16 -0.74	27.45 -0.98 -1.15	27.90 -1.21 -0.89	30.82 -1.24 -1.01	27.97 -0.79 -2.57	33.13 -1.01 -2.63	27.55 -0.56 -3.62	26.29 -0.68 -2.80	26.07 -0.68 -2.49	25.88 -0.76 -1.22	24.23 -0.70 -0.93	24.31 -0.41 -0.69
OZONE_PARK_ESR 323760	20.95 1.19 0.00	19.37 1.10 0.00	18.82 1.15 0.00	18.70 1.11 0.00	18.40 1.07 0.00	20.14 1.16 0.00	23.48 1.52 0.00	25.81 1.87 -0.31	27.13 2.00 -1.01	29.07 2.35 -0.55	31.91 1.89 -4.87	32.65 1.99 -4.18	33.66 1.99 -4.79	36.66 1.99 -7.38	36.19 2.23 -5.73	40.00 2.42 -6.53	45.06 2.33 -16.55	51.31 2.80 -17.00	49.94 2.03 -23.41	44.07 1.79 -18.11	42.05 1.72 -16.06	34.85 1.55 -7.89	31.56 1.56 -6.01	30.17 1.68 -4.45
PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	19.90 0.14 0.00	18.13 -0.15 0.00	17.21 -0.46 0.00	17.01 -0.58 0.00	16.98 -0.35 0.00	18.88 -0.09 0.00	21.29 -0.68 0.00	22.51 -1.18 -0.05	23.05 -1.23 -0.16	25.10 -1.15 -0.09	24.86 -1.06 -0.76	25.97 -1.17 -0.65	26.47 -1.16 -0.74	27.45 -0.98 -1.15	27.90 -1.21 -0.89	30.82 -1.24 -1.01	27.97 -0.79 -2.57	33.13 -1.01 -2.63	27.55 -0.56 -3.62	26.29 -0.68 -2.80	26.07 -0.68 -2.49	25.88 -0.76 -1.22	24.23 -0.70 -0.93	24.31 -0.41 -0.69
PACKARD___115KV_DUPONT_184 80571	19.90 0.14 0.00	18.13 -0.15 0.00	17.21 -0.46 0.00	17.01 -0.58 0.00	16.98 -0.35 0.00	18.88 -0.09 0.00	21.29 -0.68 0.00	22.51 -1.18 -0.05	23.05 -1.23 -0.16	25.10 -1.15 -0.09	24.86 -1.06 -0.76	25.97 -1.17 -0.65	26.47 -1.16 -0.74	27.45 -0.98 -1.15	27.90 -1.21 -0.89	30.82 -1.24 -1.01	27.97 -0.79 -2.57	33.13 -1.01 -2.63	27.55 -0.56 -3.62	26.29 -0.68 -2.80	26.07 -0.68 -2.49	25.88 -0.76 -1.22	24.23 -0.70 -0.93	24.31 -0.41 -0.69
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	20.98 1.21 -0.01	19.40 1.11 -0.01	18.83 1.15 -0.01	18.71 1.11 -0.01	18.41 1.07 -0.01	20.06 1.08 0.00	23.24 1.27 0.00	25.48 1.54 -0.31	26.80 1.66 -1.01	28.73 2.01 -0.55	31.61 1.59 -4.87	32.34 1.67 -4.18	33.34 1.67 -4.79	36.34 1.66 -7.38	35.85 1.89 -5.73	39.66 2.08 -6.53	44.75 2.02 -16.55	50.93 2.43 -17.00	49.62 1.71 -23.41	43.75 1.47 -18.11	41.68 1.36 -16.06	34.47 1.17 -7.89	31.34 1.34 -6.01	30.14 1.66 -4.45

PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	21.24 1.46 -0.01	19.63 1.35 -0.01	18.99 1.31 -0.01	18.85 1.25 -0.01	18.55 1.21 -0.01	20.29 1.31 0.00	23.35 1.38 0.00	25.63 1.68 -0.31	26.94 1.81 -1.01	28.97 2.25 -0.55	31.81 1.79 -4.87	32.55 1.88 -4.18	33.55 1.88 -4.79	36.56 1.88 -7.38	36.10 2.15 -5.73	39.91 2.33 -6.53	45.01 2.28 -16.55	51.08 2.58 -17.00	49.74 1.84 -23.41	43.88 1.60 -18.11	41.83 1.50 -16.06	34.60 1.30 -7.89	31.49 1.49 -6.01	30.26 1.78 -4.45
PATROON__115KV_TB1 80586	20.36 0.59 0.00	18.79 0.51 0.00	18.24 0.57 0.00	18.17 0.58 0.00	17.86 0.54 0.00	19.59 0.61 0.00	21.74 0.75 0.98	20.58 0.95 4.00	21.67 0.94 3.39	22.67 1.05 4.55	37.15 1.08 -10.90	36.97 1.11 -9.37	38.68 1.08 -10.72	38.93 1.09 -10.55	40.39 1.19 -10.98	41.56 1.27 -9.24	55.97 1.07 -28.72	71.22 1.32 -38.39	78.36 0.98 -52.89	66.00 0.92 -40.91	61.46 0.92 -36.28	44.20 0.97 -17.81	38.50 0.94 -13.57	35.12 1.03 -10.06
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	20.46 0.69 0.00	18.62 0.35 0.00	17.71 0.04 0.00	17.49 -0.11 0.00	17.43 0.10 0.00	19.40 0.42 0.00	21.92 -0.04 0.00	23.32 -0.38 -0.05	23.93 -0.36 -0.18	26.08 -0.18 -0.10	25.86 -0.15 -0.85	27.09 -0.13 -0.73	27.56 -0.16 -0.84	28.64 0.05 -1.29	29.12 -0.11 -1.00	32.04 -0.16 -1.14	29.37 0.29 -2.90	34.76 0.28 -2.97	28.97 0.39 -4.09	27.52 0.19 -3.16	27.28 0.22 -2.80	26.92 0.13 -1.38	25.09 0.05 -1.05	25.14 0.34 -0.78
PAWLING_115_KV_BK3_REV_LBMP_H 345028	20.87 1.11 0.00	19.30 1.02 0.00	18.71 1.04 0.00	18.61 1.02 0.00	18.28 0.95 0.00	20.06 1.08 0.00	23.35 1.38 0.00	25.56 1.61 -0.31	26.88 1.74 -1.03	28.82 2.09 -0.56	31.94 1.84 -4.94	32.61 1.88 -4.25	33.63 1.88 -4.86	36.67 1.88 -7.50	36.11 2.06 -5.82	40.01 2.33 -6.63	45.06 2.07 -16.81	51.29 2.52 -17.26	50.13 1.86 -23.78	44.26 1.69 -18.40	42.25 1.67 -16.31	35.03 1.60 -8.01	31.63 1.54 -6.10	30.14 1.59 -4.52
PEEKSKILL____ 23653	20.87 1.11 0.00	19.26 0.99 0.00	18.64 0.97 0.00	18.49 0.90 0.00	18.21 0.88 0.00	20.06 1.08 0.00	23.24 1.27 0.00	25.36 1.42 -0.30	26.67 1.54 -1.00	28.54 1.83 -0.55	31.51 1.53 -4.82	32.24 1.62 -4.14	33.21 1.59 -4.74	36.18 1.58 -7.31	35.65 1.75 -5.67	39.44 1.93 -6.46	44.37 1.81 -16.38	50.53 2.20 -16.82	49.26 1.59 -23.18	43.50 1.40 -17.93	41.52 1.36 -15.90	34.49 1.27 -7.81	31.21 1.27 -5.95	29.78 1.34 -4.41
PGE MADISON__WINDPWR 24146	21.62 1.86 0.00	19.66 1.39 0.00	18.96 1.29 0.00	18.88 1.28 0.00	18.64 1.32 0.00	20.57 1.59 0.00	23.86 1.89 0.00	25.35 1.58 -0.13	26.15 1.62 -0.41	28.17 1.78 -0.23	28.94 1.79 -1.99	30.18 1.99 -1.71	30.96 2.12 -1.96	32.60 2.29 -3.02	32.85 2.29 -2.34	36.29 2.55 -2.69	35.20 2.25 -6.76	41.08 2.65 -6.93	36.27 2.25 -9.53	33.76 2.22 -7.37	33.22 2.43 -6.54	31.17 2.54 -3.21	28.72 2.28 -2.44	28.10 2.26 -1.81
PIERCEFIELD__HYD 23852	19.37 -0.40 0.00	17.96 -0.31 0.00	17.42 -0.25 0.00	17.36 -0.23 0.00	17.07 -0.26 0.00	18.66 -0.32 0.00	21.53 -0.44 0.00	23.17 -0.47 0.00	23.61 -0.51 0.00	25.51 -0.65 0.00	24.56 -0.60 0.00	25.90 -0.58 0.00	26.35 -0.54 0.00	26.74 -0.55 0.00	27.61 -0.62 0.00	30.32 -0.75 -0.01	25.13 -1.05 0.00	30.18 -1.32 0.00	23.41 -1.08 0.00	23.40 -0.77 0.00	23.41 -0.85 0.00	24.76 -0.66 0.00	23.49 -0.50 0.00	23.41 -0.62 0.00
PINELAWN_CC_1 323563	28.85 1.82 -7.27	23.41 1.75 -3.38	21.08 1.73 -1.68	19.24 1.62 -0.03	20.66 1.58 -1.76	21.62 1.90 -0.75	26.21 2.20 -2.05	30.23 2.41 -4.17	32.08 2.43 -5.53	32.57 2.80 -3.61	42.79 2.44 -15.19	45.48 2.52 -16.48	45.51 2.53 -16.10	48.22 2.54 -18.39	37.80 2.82 -6.75	42.20 3.10 -8.04	51.21 2.77 -22.26	52.85 3.34 -18.01	52.72 2.59 -25.63	45.96 2.47 -19.33	44.13 2.45 -17.42	38.46 2.31 -10.73	32.94 2.35 -6.59	34.23 2.43 -7.78
PJM_GEN_HTP_PROXY 323702	21.01 1.25 0.00	19.37 1.10 0.00	18.75 1.08 0.00	18.60 1.00 0.00	18.31 0.99 0.00	20.18 1.20 0.00	22.99 1.43 0.40	25.98 1.63 -0.71	26.92 1.78 -1.01	28.83 2.12 -0.55	31.71 1.69 -4.87	32.44 1.77 -4.18	33.42 1.75 -4.79	36.42 1.75 -7.38	35.90 1.95 -5.73	39.69 2.11 -6.53	44.77 2.04 -16.55	50.93 2.43 -17.00	49.64 1.74 -23.42	43.78 1.50 -18.11	41.75 1.43 -16.06	34.60 1.30 -7.89	31.52 1.34 -6.18	29.73 1.42 -4.28
PJM_GEN_KEystone 24065	20.40 0.63 0.00	18.69 0.42 0.00	18.04 0.37 0.00	17.93 0.33 0.00	17.64 0.31 0.00	19.49 0.51 0.00	22.18 0.61 0.40	24.61 0.38 -0.59	25.23 0.48 -0.63	27.13 0.63 -0.34	28.20 0.43 -2.61	29.00 0.45 -2.06	29.70 0.46 -2.36	30.00 0.49 -2.22	30.60 0.51 -1.86	32.23 0.56 -0.62	37.16 0.73 -10.25	36.70 0.85 -4.34	35.22 0.68 -10.05	32.50 0.53 -7.80	31.80 0.51 -7.03	29.70 0.43 -3.85	26.20 0.43 -1.78	23.20 0.58 1.41
PJM_GEN_NEPTUNE_PROXY 323594	28.49 1.46 -7.26	23.04 1.39 -3.37	20.70 1.36 -1.67	18.88 1.27 -0.02	20.33 1.25 -1.75	21.24 1.52 -0.74	25.37 1.76 -1.64	30.13 1.91 -4.57	31.13 1.98 -5.04	31.58 2.30 -3.11	42.28 1.94 -15.18	45.00 2.04 -16.47	45.00 2.02 -16.10	46.87 2.02 -17.56	36.26 2.32 -5.72	40.16 2.51 -6.59	49.58 2.25 -21.15	51.17 2.61 -17.05	50.05 2.01 -23.55	44.18 1.91 -18.10	42.20 1.89 -16.05	36.01 1.73 -8.87	31.98 1.82 -6.17	33.50 1.88 -7.59
PJM_GEN_VFT_PROXY 323633	20.89 1.13 0.00	19.26 0.99 0.00	18.63 0.95 0.00	18.47 0.88 0.00	18.19 0.87 0.00	20.04 1.06 0.00	22.86 1.30 0.40	25.84 1.49 -0.71	26.79 1.66 -1.01	28.73 2.01 -0.55	31.56 1.53 -4.87	32.26 1.59 -4.18	33.23 1.56 -4.79	36.23 1.55 -7.38	35.71 1.75 -5.73	39.47 1.89 -6.53	44.62 1.89 -16.55	50.74 2.24 -17.00	49.50 1.59 -23.42	43.63 1.35 -18.11	41.61 1.28 -16.06	34.42 1.12 -7.89	31.35 1.18 -6.18	29.58 1.27 -4.28
PLATSBRG_115KV_PMLD1 355749	19.74 -0.02 0.00	18.31 0.04 0.00	17.92 0.25 0.00	17.87 0.28 0.00	17.60 0.28 0.00	19.23 0.25 0.00	22.45 0.48 0.00	24.44 0.80 0.00	24.91 0.80 0.00	26.77 0.60 0.00	25.76 0.60 0.00	27.18 0.69 0.00	27.64 0.75 0.00	28.08 0.79 0.00	28.90 0.68 0.00	31.86 0.81 0.00	26.00 -0.18 0.00	31.16 -0.35 0.00	24.32 -0.17 0.00	24.36 0.19 0.00	24.26 0.00 0.00	25.90 0.48 0.00	24.38 0.38 0.00	24.30 0.26 0.00
PLEASANTVLY__LBMP 24000	20.65 0.89 0.00	19.08 0.80 0.00	18.50 0.83 0.00	18.42 0.83 0.00	18.11 0.78 0.00	19.85 0.87 0.00	23.11 1.14 0.00	25.33 1.37 -0.32	26.60 1.42 -1.06	28.39 1.65 -0.58	31.68 1.43 -5.08	32.33 1.48 -4.36	33.36 1.48 -5.00	36.47 1.47 -7.71	35.82 1.61 -5.98	39.64 1.77 -6.82	45.08 1.62 -17.28	51.23 1.98 -17.74	50.35 1.42 -24.44	44.35 1.28 -18.91	42.26 1.24 -16.77	34.84 1.19 -8.23	31.46 1.20 -6.27	29.93 1.25 -4.65
PLSNTVLE_13_KV_13.8KVDIST 80602	20.77 1.01 0.00	19.19 0.91 0.00	18.63 0.95 0.00	18.53 0.93 0.00	18.23 0.90 0.00	19.97 0.99 0.00	23.24 1.27 0.00	25.51 1.56 -0.31	26.78 1.64 -1.02	28.63 1.91 -0.56	31.70 1.64 -4.90	32.42 1.72 -4.21	33.43 1.72 -4.82	36.44 1.72 -7.44	35.89 1.89 -5.77	39.71 2.08 -6.58	44.81 1.96 -16.67	50.98 2.36 -17.12	49.78 1.71 -23.58	43.93 1.52 -18.24	41.92 1.48 -16.17	34.71 1.35 -7.94	31.41 1.37 -6.05	29.96 1.44 -4.48

PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	20.77 1.01 0.00	19.19 0.91 0.00	18.63 0.95 0.00	18.53 0.93 0.00	18.23 0.90 0.00	19.97 0.99 0.00	23.24 1.27 0.00	25.51 1.56 -0.31	26.78 1.64 -1.02	28.63 1.91 -0.56	31.70 1.64 -4.90	32.42 1.72 -4.21	33.43 1.72 -4.82	36.44 1.72 -7.44	35.89 1.89 -5.77	39.71 2.08 -6.58	44.81 1.96 -16.67	50.98 2.36 -17.12	49.78 1.71 -23.58	43.93 1.52 -18.24	41.92 1.48 -16.17	34.71 1.35 -7.94	31.41 1.37 -6.05	29.96 1.44 -4.48
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	20.79 1.03 0.00	19.19 0.91 0.00	18.63 0.95 0.00	18.53 0.93 0.00	18.21 0.88 0.00	19.97 0.99 0.00	23.24 1.27 0.00	25.47 1.51 -0.32	26.74 1.57 -1.06	28.54 1.81 -0.57	31.84 1.61 -5.07	32.48 1.64 -4.35	33.51 1.64 -4.99	36.59 1.61 -7.69	35.95 1.75 -5.97	39.78 1.93 -6.80	45.18 1.75 -17.24	51.38 2.17 -17.70	50.47 1.59 -24.39	44.51 1.47 -18.86	42.42 1.43 -16.73	35.00 1.37 -8.21	31.62 1.37 -6.26	30.09 1.42 -4.64
POLETTI____ 23519	20.77 1.01 0.00	19.22 0.95 0.00	18.66 0.99 0.00	18.56 0.97 0.00	18.25 0.92 0.00	19.98 1.01 0.00	23.29 1.32 0.00	25.58 1.63 -0.31	26.89 1.76 -1.01	28.81 2.09 -0.55	31.66 1.64 -4.87	32.39 1.72 -4.18	33.37 1.69 -4.79	36.36 1.69 -7.38	35.85 1.89 -5.73	39.63 2.05 -6.53	44.72 1.99 -16.55	50.90 2.39 -17.00	49.62 1.71 -23.41	43.75 1.47 -18.11	41.73 1.41 -16.06	34.55 1.25 -7.89	31.29 1.30 -6.01	29.88 1.39 -4.45
PORT_JEFF_3 23555	29.09 2.06 -7.27	23.65 1.99 -3.38	21.33 1.98 -1.68	19.47 1.85 -0.03	20.90 1.82 -1.76	21.87 2.14 -0.75	26.52 2.50 -2.05	30.58 2.76 -4.17	37.26 2.75 -10.40	37.81 3.16 -8.49	43.15 2.79 -15.20	45.89 2.91 -16.49	45.86 2.88 -16.10	56.98 2.89 -26.80	48.55 3.13 -17.19	57.28 3.45 -22.78	62.72 3.01 -33.52	63.21 3.65 -28.05	74.04 2.82 -46.74	58.71 2.73 -31.81	58.42 2.76 -31.39	57.65 2.64 -29.59	39.33 2.69 -12.65	34.65 2.83 -7.78
PORT_JEFF_4 23616	29.09 2.06 -7.27	23.65 1.99 -3.38	21.33 1.98 -1.68	19.47 1.85 -0.03	20.90 1.82 -1.76	21.87 2.14 -0.75	26.52 2.50 -2.05	30.58 2.76 -4.17	37.26 2.75 -10.40	37.81 3.16 -8.49	43.15 2.79 -15.20	45.89 2.91 -16.49	45.86 2.88 -16.10	56.98 2.89 -26.80	48.55 3.13 -17.19	57.28 3.45 -22.78	62.72 3.01 -33.52	63.21 3.65 -28.05	74.04 2.82 -46.74	58.71 2.73 -31.81	58.42 2.76 -31.39	57.65 2.64 -29.59	39.33 2.69 -12.65	34.65 2.83 -7.78
PORT_JEFF_IC 23713	29.13 2.09 -7.27	23.70 2.05 -3.38	21.36 2.01 -1.68	19.51 1.88 -0.03	20.94 1.85 -1.76	21.91 2.18 -0.75	26.56 2.55 -2.05	30.65 2.84 -4.17	38.10 2.80 -11.18	38.66 3.22 -9.27	43.23 2.87 -15.20	45.97 2.99 -16.49	45.94 2.96 -16.10	58.43 2.97 -28.16	50.32 3.22 -18.88	59.75 3.54 -25.17	64.51 2.98 -35.34	64.83 3.65 -29.67	77.45 2.82 -50.14	60.77 2.78 -33.82	60.77 2.86 -33.65	60.77 2.72 -32.63	40.38 2.76 -13.63	34.70 2.88 -7.79
PPL PILGRIM_ST_GT1 24216	29.05 2.02 -7.27	23.59 1.94 -3.38	21.24 1.89 -1.68	19.40 1.78 -0.03	20.83 1.75 -1.76	21.81 2.09 -0.75	26.43 2.42 -2.05	30.49 2.67 -4.17	33.05 2.68 -6.26	33.59 3.09 -4.34	43.09 2.74 -15.19	45.83 2.86 -16.48	45.83 2.85 -16.10	49.78 2.84 -19.65	39.64 3.11 -8.31	44.68 3.38 -10.25	53.16 3.04 -23.94	54.69 3.65 -19.53	56.12 2.84 -28.79	48.07 2.71 -21.19	46.47 2.69 -19.51	41.50 2.54 -13.54	34.06 2.57 -7.50	34.52 2.71 -7.78
PPL PILGRIM_ST_GT2 24217	29.05 2.02 -7.27	23.59 1.94 -3.38	21.24 1.89 -1.68	19.40 1.78 -0.03	20.83 1.75 -1.76	21.81 2.09 -0.75	26.43 2.42 -2.05	30.49 2.67 -4.17	33.05 2.68 -6.26	33.59 3.09 -4.34	43.09 2.74 -15.19	45.83 2.86 -16.48	45.83 2.85 -16.10	49.78 2.84 -19.65	39.64 3.11 -8.31	44.68 3.38 -10.25	53.16 3.04 -23.94	54.69 3.65 -19.53	56.12 2.84 -28.79	48.07 2.71 -21.19	46.47 2.69 -19.51	41.50 2.54 -13.54	34.06 2.57 -7.50	34.52 2.71 -7.78
PPL_SHRM_GT3 24213	29.29 2.25 -7.27	23.85 2.19 -3.38	21.56 2.21 -1.68	19.66 2.04 -0.03	21.08 1.99 -1.76	22.08 2.35 -0.75	26.74 2.72 -2.05	30.87 3.05 -4.17	37.63 3.01 -10.50	38.18 3.43 -8.59	43.40 3.04 -15.20	46.18 3.20 -16.49	46.13 3.14 -16.10	57.46 3.19 -26.98	49.08 3.44 -17.41	57.92 3.79 -23.09	63.34 3.40 -33.75	63.92 4.16 -28.26	74.89 3.23 -47.17	59.33 3.09 -32.06	59.09 3.15 -31.68	58.41 3.02 -29.97	39.84 3.07 -12.78	35.01 3.20 -7.79
PPL_SHRM_GT4 24214	29.29 2.25 -7.27	23.85 2.19 -3.38	21.56 2.21 -1.68	19.66 2.04 -0.03	21.08 1.99 -1.76	22.08 2.35 -0.75	26.74 2.72 -2.05	30.87 3.05 -4.17	37.63 3.01 -10.50	38.18 3.43 -8.59	43.40 3.04 -15.20	46.18 3.20 -16.49	46.13 3.14 -16.10	57.46 3.19 -26.98	49.08 3.44 -17.41	57.92 3.79 -23.09	63.34 3.40 -33.75	63.92 4.16 -28.26	74.89 3.23 -47.17	59.33 3.09 -32.06	59.09 3.15 -31.68	58.41 3.02 -29.97	39.84 3.07 -12.78	35.01 3.20 -7.79
PROJECT____ORANGE 1 24174	19.94 0.18 0.00	18.36 0.09 0.00	17.67 0.00 0.00	17.56 -0.04 0.00	17.34 0.02 0.00	19.11 0.13 0.00	22.01 0.04 0.00	23.48 -0.19 -0.03	23.98 -0.22 -0.08	26.08 -0.13 -0.05	25.49 -0.08 -0.40	26.73 -0.11 -0.35	27.17 -0.11 -0.40	27.82 -0.08 -0.61	28.59 -0.11 -0.47	31.49 -0.12 -0.57	27.53 -0.03 -1.37	32.85 -0.06 -1.41	26.40 0.00 -1.91	25.58 -0.07 -1.48	25.58 0.00 -1.31	26.09 0.03 -0.65	24.44 -0.05 -0.49	24.40 0.00 -0.36
PROJECT____ORANGE 2 24166	19.94 0.18 0.00	18.36 0.09 0.00	17.67 0.00 0.00	17.56 -0.04 0.00	17.34 0.02 0.00	19.11 0.13 0.00	22.01 0.04 0.00	23.48 -0.19 -0.03	23.98 -0.22 -0.08	26.08 -0.13 -0.05	25.49 -0.08 -0.40	26.73 -0.11 -0.35	27.17 -0.11 -0.40	27.82 -0.08 -0.61	28.59 -0.11 -0.47	31.49 -0.12 -0.57	27.53 -0.03 -1.37	32.85 -0.06 -1.41	26.40 0.00 -1.91	25.58 -0.07 -1.48	25.58 0.00 -1.31	26.09 0.03 -0.65	24.44 -0.05 -0.49	24.40 0.00 -0.36
PUCKETT____SOLAR 323809	20.58 0.81 0.00	18.84 0.57 0.00	18.17 0.49 0.00	18.09 0.49 0.00	17.83 0.50 0.00	19.66 0.68 0.00	22.76 0.79 0.00	24.28 0.52 -0.12	25.10 0.58 -0.40	27.04 0.65 -0.22	27.68 0.60 -1.92	28.80 0.66 -1.65	29.47 0.70 -1.89	30.96 0.76 -2.91	31.22 0.73 -2.26	34.48 0.84 -2.60	33.55 0.84 -6.53	39.21 1.01 -6.70	34.61 0.91 -9.21	32.11 0.82 -7.12	31.52 0.95 -6.32	29.48 0.97 -3.10	27.19 0.84 -2.36	26.70 0.91 -1.75
PYRITES____HYD 24023	19.65 -0.12 0.00	18.20 -0.07 0.00	17.62 -0.05 0.00	17.54 -0.05 0.00	17.26 -0.07 0.00	18.90 -0.08 0.00	21.81 -0.15 0.00	23.50 -0.14 0.00	23.95 -0.17 0.00	25.93 -0.24 0.00	24.96 -0.20 0.00	26.35 -0.13 0.00	26.83 -0.05 0.00	27.23 -0.05 0.00	28.09 -0.14 0.00	30.88 -0.19 -0.01	25.66 -0.52 0.00	30.75 -0.76 0.00	23.88 -0.61 0.00	23.85 -0.31 0.00	23.90 -0.36 0.00	25.21 -0.20 0.00	23.90 -0.10 0.00	23.79 -0.24 0.00
QUAKERRD_115KV_BK1 80622	19.67 -0.10 0.00	18.02 -0.26 0.00	17.21 -0.46 0.00	17.08 -0.51 0.00	16.95 -0.38 0.00	18.73 -0.25 0.00	21.40 -0.57 0.00	22.80 -0.87 -0.04	23.37 -0.87 -0.12	25.39 -0.84 -0.06	25.05 -0.68 -0.57	26.18 -0.79 -0.49	26.66 -0.78 -0.56	27.50 -0.65 -0.86	28.18 -0.71 -0.66	31.06 -0.75 -0.75	27.56 -0.52 -1.90	32.79 -0.66 -1.95	26.78 -0.39 -2.68	25.83 -0.41 -2.07	25.69 -0.41 -1.84	25.86 -0.46 -0.90	24.20 -0.48 -0.69	24.13 -0.41 -0.51

QUENSBRY_I15KV_TB8 356137	21.07 1.30 0.00	19.37 1.10 0.00	18.77 1.10 0.00	18.68 1.09 0.00	18.37 1.04 0.00	20.21 1.23 0.00	24.31 1.54 -0.80	30.14 1.75 -4.75	33.65 1.86 -7.67	34.66 2.12 -6.38	41.56 1.71 -14.69	40.96 1.85 -12.62	43.28 1.94 -14.46	56.52 2.05 -27.19	48.88 1.83 -18.82	57.21 2.05 -24.11	84.80 1.83 -56.79	83.28 2.14 -49.64	94.81 1.93 -68.38	79.14 2.08 -52.90	73.31 2.13 -46.91	50.58 2.14 -23.03	43.48 1.94 -17.54	38.96 1.92 -13.00
RAMAPO____LBMP 323565	20.61 0.85 0.00	19.04 0.77 0.00	18.47 0.80 0.00	18.37 0.77 0.00	18.05 0.73 0.00	19.81 0.84 0.00	23.07 1.10 0.00	25.26 1.32 -0.29	26.52 1.42 -0.97	28.37 1.67 -0.53	31.22 1.38 -4.68	31.96 1.46 -4.02	32.91 1.42 -4.60	35.80 1.42 -7.10	35.32 1.58 -5.51	39.06 1.74 -6.28	43.71 1.62 -15.91	49.83 1.98 -16.34	48.42 1.42 -22.51	42.83 1.26 -17.41	40.91 1.21 -15.44	34.12 1.12 -7.58	30.89 1.13 -5.77	29.51 1.20 -4.28
RANKINE____ 23646	20.52 0.75 0.00	18.68 0.40 0.00	17.76 0.09 0.00	17.54 -0.05 0.00	17.50 0.17 0.00	19.45 0.47 0.00	21.99 0.02 0.00	23.34 -0.35 -0.05	23.95 -0.34 -0.17	26.10 -0.16 -0.09	25.89 -0.10 -0.83	27.07 -0.13 -0.71	27.59 -0.11 -0.82	28.63 0.08 -1.26	29.09 -0.11 -0.98	32.10 -0.06 -1.11	29.32 0.31 -2.82	34.68 0.28 -2.89	28.89 0.42 -3.98	27.49 0.24 -3.08	27.26 0.27 -2.73	26.94 0.18 -1.34	25.13 0.12 -1.02	25.20 0.41 -0.76
RAVENSWOOD_GT2_1 24244	21.01 1.25 0.00	19.39 1.11 0.00	18.77 1.10 0.00	18.61 1.02 0.00	18.33 1.00 0.00	20.18 1.20 0.00	23.40 1.43 0.00	25.56 1.61 -0.31	26.89 1.76 -1.01	28.81 2.09 -0.55	31.71 1.69 -4.87	32.44 1.77 -4.18	33.42 1.75 -4.79	36.42 1.75 -7.38	35.90 1.95 -5.73	39.69 2.11 -6.53	44.78 2.04 -16.55	50.96 2.46 -17.00	49.67 1.76 -23.42	43.80 1.52 -18.11	41.78 1.46 -16.06	34.60 1.30 -7.89	31.37 1.37 -6.01	29.95 1.47 -4.45
RAVENSWOOD_GT2_2 24245	21.01 1.25 0.00	19.39 1.11 0.00	18.77 1.10 0.00	18.61 1.02 0.00	18.33 1.00 0.00	20.18 1.20 0.00	23.40 1.43 0.00	25.56 1.61 -0.31	26.89 1.76 -1.01	28.81 2.09 -0.55	31.71 1.69 -4.87	32.44 1.77 -4.18	33.42 1.75 -4.79	36.42 1.75 -7.38	35.90 1.95 -5.73	39.69 2.11 -6.53	44.78 2.04 -16.55	50.96 2.46 -17.00	49.67 1.76 -23.42	43.80 1.52 -18.11	41.78 1.46 -16.06	34.60 1.30 -7.89	31.37 1.37 -6.01	29.95 1.47 -4.45
RAVENSWOOD_GT2_3 24246	21.03 1.27 0.00	19.39 1.11 0.00	18.77 1.10 0.00	18.61 1.02 0.00	18.33 1.00 0.00	20.18 1.20 0.00	23.40 1.43 0.00	25.58 1.63 -0.31	26.92 1.78 -1.01	28.83 2.12 -0.55	31.71 1.69 -4.87	32.44 1.77 -4.18	33.45 1.77 -4.79	36.44 1.77 -7.38	35.93 1.98 -5.73	39.72 2.14 -6.53	44.80 2.07 -16.55	50.96 2.46 -17.00	49.67 1.76 -23.42	43.83 1.55 -18.11	41.80 1.48 -16.06	34.62 1.32 -7.89	31.37 1.37 -6.01	29.97 1.49 -4.45
RAVENSWOOD_GT2_4 24247	21.03 1.27 0.00	19.39 1.11 0.00	18.77 1.10 0.00	18.61 1.02 0.00	18.33 1.00 0.00	20.18 1.20 0.00	23.40 1.43 0.00	25.58 1.63 -0.31	26.92 1.78 -1.01	28.83 2.12 -0.55	31.71 1.69 -4.87	32.44 1.77 -4.18	33.45 1.77 -4.79	36.44 1.77 -7.38	35.93 1.98 -5.73	39.72 2.14 -6.53	44.80 2.07 -16.55	50.96 2.46 -17.00	49.67 1.76 -23.42	43.83 1.55 -18.11	41.80 1.48 -16.06	34.62 1.32 -7.89	31.37 1.37 -6.01	29.97 1.49 -4.45
RAVENSWOOD_GT3_1 24248	21.03 1.27 0.00	19.39 1.11 0.00	18.77 1.10 0.00	18.61 1.02 0.00	18.33 1.00 0.00	20.18 1.20 0.00	23.40 1.43 0.00	25.56 1.61 -0.31	26.89 1.76 -1.01	28.81 2.09 -0.55	31.71 1.69 -4.87	32.44 1.77 -4.18	33.42 1.75 -4.79	36.42 1.75 -7.38	35.90 1.95 -5.73	39.72 2.14 -6.53	44.78 2.04 -16.55	50.96 2.46 -17.00	49.67 1.76 -23.42	43.80 1.52 -18.11	41.78 1.46 -16.06	34.60 1.30 -7.89	31.37 1.37 -6.01	29.95 1.47 -4.45
RAVENSWOOD_GT3_2 24249	21.03 1.27 0.00	19.39 1.11 0.00	18.77 1.10 0.00	18.61 1.02 0.00	18.33 1.00 0.00	20.18 1.20 0.00	23.40 1.43 0.00	25.56 1.61 -0.31	26.89 1.76 -1.01	28.81 2.09 -0.55	31.71 1.69 -4.87	32.44 1.77 -4.18	33.42 1.75 -4.79	36.42 1.75 -7.38	35.90 1.95 -5.73	39.72 2.14 -6.53	44.78 2.04 -16.55	50.96 2.46 -17.00	49.67 1.76 -23.42	43.80 1.52 -18.11	41.78 1.46 -16.06	34.60 1.30 -7.89	31.37 1.37 -6.01	29.95 1.47 -4.45
RAVENSWOOD_GT3_3 24250	20.83 1.07 0.00	19.26 0.99 0.00	18.71 1.04 0.00	18.60 1.00 0.00	18.30 0.97 0.00	20.02 1.04 0.00	23.33 1.36 0.00	25.63 1.68 -0.31	26.94 1.81 -1.01	28.86 2.15 -0.55	31.74 1.71 -4.87	32.47 1.80 -4.18	33.47 1.80 -4.79	36.47 1.80 -7.38	35.96 2.00 -5.73	39.75 2.17 -6.53	44.83 2.09 -16.55	51.02 2.52 -17.00	49.72 1.81 -23.41	43.85 1.57 -18.11	41.83 1.50 -16.06	34.65 1.35 -7.89	31.39 1.39 -6.01	29.97 1.49 -4.45
RAVENSWOOD_GT3_4 24251	21.05 1.28 0.00	19.41 1.13 0.00	18.79 1.11 0.00	18.63 1.04 0.00	18.35 1.02 0.00	20.19 1.22 0.00	23.42 1.45 0.00	25.60 1.65 -0.31	26.94 1.81 -1.01	28.86 2.15 -0.55	31.74 1.71 -4.87	32.47 1.80 -4.18	33.47 1.80 -4.79	36.47 1.80 -7.38	35.96 2.00 -5.73	39.75 2.17 -6.53	44.83 2.10 -16.55	51.02 2.52 -17.00	49.72 1.81 -23.42	43.85 1.57 -18.11	41.83 1.50 -16.06	34.65 1.35 -7.89	31.39 1.39 -6.01	30.00 1.51 -4.45
RAVENSWOOD_GT_1 23729	21.13 1.36 0.00	19.48 1.21 0.00	18.86 1.18 0.00	18.68 1.09 0.00	18.40 1.07 0.00	20.23 1.25 0.00	23.42 1.45 0.00	25.60 1.65 -0.31	26.94 1.81 -1.01	28.89 2.17 -0.55	31.76 1.73 -4.87	32.49 1.83 -4.18	33.50 1.83 -4.79	36.50 1.83 -7.38	36.02 2.06 -5.73	39.82 2.24 -6.53	44.90 2.17 -16.55	51.09 2.58 -17.00	49.74 1.84 -23.42	43.88 1.59 -18.11	41.83 1.50 -16.06	34.60 1.30 -7.89	31.41 1.42 -6.01	30.10 1.61 -4.45
RAVENSWOOD_GT_10 24258	20.81 1.05 0.00	19.24 0.97 0.00	18.68 1.01 0.00	18.58 0.99 0.00	18.26 0.94 0.00	20.00 1.02 0.00	23.31 1.34 0.00	25.60 1.65 -0.31	26.92 1.78 -1.01	28.81 2.09 -0.55	31.71 1.69 -4.87	32.44 1.77 -4.18	33.42 1.75 -4.79	36.42 1.75 -7.38	35.91 1.95 -5.73	39.69 2.11 -6.53	44.77 2.04 -16.55	50.96 2.46 -17.00	49.67 1.76 -23.41	43.83 1.55 -18.11	41.78 1.46 -16.06	34.62 1.32 -7.89	31.34 1.34 -6.01	29.95 1.47 -4.45
RAVENSWOOD_GT_11 24259	21.01 1.25 0.00	19.39 1.11 0.00	18.77 1.10 0.00	18.61 1.02 0.00	18.33 1.00 0.00	20.18 1.20 0.00	23.40 1.43 0.00	25.56 1.61 -0.31	26.89 1.76 -1.01	28.81 2.09 -0.55	31.71 1.69 -4.87	32.44 1.77 -4.18	33.42 1.75 -4.79	36.42 1.75 -7.38	35.90 1.95 -5.73	39.69 2.11 -6.53	44.78 2.04 -16.55	50.96 2.46 -17.00	49.67 1.76 -23.42	43.80 1.52 -18.11	41.78 1.46 -16.06	34.60 1.30 -7.89	31.37 1.37 -6.01	29.95 1.47 -4.45
RAVENSWOOD_GT_4 24252	20.79 1.03 0.00	19.22 0.95 0.00	18.68 1.01 0.00	18.56 0.97 0.00	18.26 0.94 0.00	20.00 1.02 0.00	23.31 1.34 0.00	25.60 1.65 -0.31	26.92 1.78 -1.01	28.81 2.09 -0.55	31.71 1.69 -4.87	32.44 1.77 -4.18	33.42 1.75 -4.79	36.42 1.75 -7.38	35.91 1.95 -5.73	39.69 2.11 -6.53	44.75 2.02 -16.55	50.93 2.43 -17.00	49.67 1.76 -23.41	43.83 1.55 -18.11	41.80 1.48 -16.06	34.62 1.32 -7.89	31.34 1.34 -6.01	29.93 1.44 -4.45

RAVENSWOOD_GT_5 24254	20.79 1.03 0.00	19.22 0.95 0.00	18.68 1.01 0.00	18.56 0.97 0.00	18.26 0.94 0.00	20.00 1.02 0.00	23.31 1.34 0.00	25.60 1.65 -0.31	26.92 1.78 -1.01	28.81 2.09 -0.55	31.71 1.69 -4.87	32.44 1.77 -4.18	33.42 1.75 -4.79	36.42 1.75 -7.38	35.91 1.95 -5.73	39.69 2.11 -6.53	44.75 2.02 -16.55	50.93 2.43 -17.00	49.67 1.76 -23.41	43.83 1.55 -18.11	41.80 1.48 -16.06	34.62 1.32 -7.89	31.34 1.34 -6.01	29.93 1.44 -4.45
RAVENSWOOD_GT_6 24253	20.79 1.03 0.00	19.22 0.95 0.00	18.68 1.01 0.00	18.56 0.97 0.00	18.26 0.94 0.00	20.00 1.02 0.00	23.31 1.34 0.00	25.60 1.65 -0.31	26.92 1.78 -1.01	28.81 2.09 -0.55	31.71 1.69 -4.87	32.44 1.77 -4.18	33.42 1.75 -4.79	36.42 1.75 -7.38	35.91 1.95 -5.73	39.69 2.11 -6.53	44.75 2.02 -16.55	50.93 2.43 -17.00	49.67 1.76 -23.41	43.83 1.55 -18.11	41.80 1.48 -16.06	34.62 1.32 -7.89	31.34 1.34 -6.01	29.93 1.44 -4.45
RAVENSWOOD_GT_7 24255	20.79 1.03 0.00	19.22 0.95 0.00	18.68 1.01 0.00	18.56 0.97 0.00	18.26 0.94 0.00	20.00 1.02 0.00	23.31 1.34 0.00	25.60 1.65 -0.31	26.92 1.78 -1.01	28.81 2.09 -0.55	31.71 1.69 -4.87	32.44 1.77 -4.18	33.42 1.75 -4.79	36.42 1.75 -7.38	35.91 1.95 -5.73	39.69 2.11 -6.53	44.75 2.02 -16.55	50.93 2.43 -17.00	49.67 1.76 -23.41	43.83 1.55 -18.11	41.80 1.48 -16.06	34.62 1.32 -7.89	31.34 1.34 -6.01	29.93 1.44 -4.45
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	20.81 1.05 0.00	19.24 0.97 0.00	18.68 1.01 0.00	18.58 0.99 0.00	18.26 0.94 0.00	20.00 1.02 0.00	23.31 1.34 0.00	25.60 1.65 -0.31	26.92 1.78 -1.01	28.81 2.09 -0.55	31.71 1.69 -4.87	32.44 1.77 -4.18	33.42 1.75 -4.79	36.42 1.75 -7.38	35.91 1.95 -5.73	39.69 2.11 -6.53	44.77 2.04 -16.55	50.96 2.46 -17.00	49.67 1.76 -23.41	43.83 1.55 -18.11	41.78 1.46 -16.06	34.62 1.32 -7.89	31.34 1.34 -6.01	29.95 1.47 -4.45
RAVENSWOOD_GT_9 24257	21.01 1.25 0.00	19.39 1.11 0.00	18.77 1.10 0.00	18.61 1.02 0.00	18.33 1.00 0.00	20.18 1.20 0.00	23.40 1.43 0.00	25.56 1.61 -0.31	26.89 1.76 -1.01	28.81 2.09 -0.55	31.71 1.69 -4.87	32.44 1.77 -4.18	33.42 1.75 -4.79	36.42 1.75 -7.38	35.90 1.95 -5.73	39.69 2.11 -6.53	44.78 2.04 -16.55	50.96 2.46 -17.00	49.67 1.76 -23.42	43.80 1.52 -18.11	41.78 1.46 -16.06	34.60 1.30 -7.89	31.37 1.37 -6.01	29.95 1.47 -4.45
RAVENSWOOD___1 23533	21.11 1.34 0.00	19.46 1.19 0.00	18.84 1.17 0.00	18.67 1.07 0.00	18.38 1.06 0.00	20.21 1.23 0.00	23.40 1.43 0.00	25.58 1.63 -0.31	26.92 1.78 -1.01	28.86 2.15 -0.55	31.74 1.71 -4.87	32.47 1.80 -4.18	33.47 1.80 -4.79	36.47 1.80 -7.38	35.99 2.03 -5.73	39.82 2.24 -6.53	44.90 2.17 -16.55	51.05 2.55 -17.00	49.72 1.81 -23.42	43.85 1.57 -18.11	41.80 1.48 -16.06	34.60 1.30 -7.89	31.39 1.39 -6.01	30.07 1.59 -4.45
RAVENSWOOD___2 23534	21.11 1.34 0.00	19.44 1.17 0.00	18.82 1.15 0.00	18.67 1.07 0.00	18.38 1.06 0.00	20.21 1.23 0.00	23.40 1.43 0.00	25.56 1.61 -0.31	26.92 1.78 -1.01	28.86 2.15 -0.55	31.71 1.69 -4.87	32.47 1.80 -4.18	33.47 1.80 -4.79	36.47 1.80 -7.38	35.99 2.03 -5.73	39.78 2.20 -6.53	44.88 2.15 -16.55	51.05 2.55 -17.00	49.72 1.81 -23.42	43.85 1.57 -18.11	41.80 1.48 -16.06	34.57 1.27 -7.89	31.39 1.39 -6.01	30.04 1.56 -4.45
RAVENSWOOD___3 23535	21.03 1.27 0.00	19.39 1.11 0.00	18.77 1.10 0.00	18.61 1.02 0.00	18.33 1.00 0.00	20.18 1.20 0.00	23.40 1.43 0.00	25.58 1.63 -0.31	26.89 1.76 -1.01	28.81 2.09 -0.55	31.71 1.69 -4.87	32.44 1.77 -4.18	33.42 1.75 -4.79	36.42 1.75 -7.38	35.90 1.95 -5.73	39.72 2.14 -6.53	44.78 2.04 -16.55	50.96 2.46 -17.00	49.67 1.76 -23.42	43.80 1.52 -18.11	41.78 1.46 -16.06	34.60 1.30 -7.89	31.37 1.37 -6.01	29.95 1.47 -4.45
RAVENSWOOD___4 23820	21.09 1.32 0.00	19.44 1.17 0.00	18.82 1.15 0.00	18.67 1.07 0.00	18.38 1.06 0.00	20.19 1.22 0.00	23.40 1.43 0.00	25.56 1.61 -0.31	26.92 1.78 -1.01	28.83 2.12 -0.55	31.71 1.69 -4.87	32.44 1.77 -4.18	33.45 1.77 -4.79	36.47 1.80 -7.38	35.99 2.03 -5.73	39.78 2.20 -6.53	44.88 2.15 -16.55	51.05 2.55 -17.00	49.72 1.81 -23.42	43.83 1.55 -18.11	41.78 1.46 -16.06	34.57 1.27 -7.89	31.39 1.39 -6.01	30.04 1.56 -4.45
RCPL_TRUST___DRP 24196	20.83 1.07 0.00	19.26 0.99 0.00	18.70 1.02 0.00	18.58 0.99 0.00	18.28 0.95 0.00	20.02 1.04 0.00	23.35 1.38 0.00	25.65 1.70 -0.31	26.96 1.83 -1.01	28.91 2.20 -0.55	31.76 1.74 -4.87	32.50 1.83 -4.18	33.47 1.80 -4.79	36.47 1.80 -7.38	35.99 2.03 -5.73	39.75 2.17 -6.53	44.83 2.09 -16.55	50.99 2.49 -17.00	49.69 1.79 -23.41	43.85 1.57 -18.11	41.80 1.48 -16.06	34.65 1.35 -7.89	31.37 1.37 -6.01	29.95 1.47 -4.45
RED___ROCHESTER 323720	20.40 0.63 0.00	18.60 0.33 0.00	17.88 0.21 0.00	17.82 0.23 0.00	17.54 0.21 0.00	19.36 0.38 0.00	22.38 0.42 0.00	23.56 -0.12 -0.04	24.22 -0.02 -0.12	26.26 0.03 -0.07	25.92 0.18 -0.58	27.09 0.11 -0.50	27.62 0.16 -0.57	28.50 0.33 -0.88	29.17 0.25 -0.69	32.14 0.31 -0.78	28.53 0.37 -1.98	34.01 0.47 -2.03	27.81 0.52 -2.80	26.82 0.48 -2.17	26.64 0.46 -1.92	26.79 0.43 -0.94	25.07 0.36 -0.72	25.02 0.46 -0.53
REGAN___SOLAR 323812	22.51 2.75 0.00	20.34 2.06 0.00	19.60 1.93 0.00	19.49 1.90 0.00	19.22 1.89 0.00	21.27 2.30 0.00	24.65 2.68 0.00	27.14 2.65 -0.85	30.02 3.09 -2.82	30.89 3.19 -1.53	41.45 2.77 -13.52	41.17 3.07 -11.61	43.47 3.28 -13.30	51.16 3.36 -20.52	47.53 3.39 -15.92	53.07 3.88 -18.14	75.72 3.56 -45.98	81.67 3.75 -46.42	91.60 3.16 -63.95	76.73 3.09 -49.47	71.55 3.42 -43.87	50.44 3.48 -21.54	43.59 3.19 -16.41	39.29 3.10 -12.16
RENSSELAER___COGEN 23796	20.34 0.57 0.00	18.77 0.49 0.00	18.20 0.53 0.00	18.12 0.53 0.00	17.85 0.52 0.00	19.57 0.59 0.00	21.46 0.66 1.16	19.48 0.80 4.97	20.19 0.79 4.73	21.25 0.86 5.78	35.67 0.93 -9.58	35.67 0.95 -8.23	37.19 0.89 -9.42	35.60 0.90 -7.41	38.26 0.96 -9.07	38.55 1.06 -6.45	49.72 0.89 -22.65	66.64 1.10 -34.04	72.19 0.81 -46.89	61.19 0.75 -36.27	57.18 0.75 -32.17	42.00 0.79 -15.79	36.81 0.79 -12.03	33.84 0.89 -8.92
REPUBLIC_115KV_BARTNBRK 55605	22.33 2.57 0.00	20.48 2.21 0.00	19.72 2.05 0.00	19.63 2.04 0.00	19.32 1.99 0.00	21.52 2.54 0.00	25.64 2.83 -0.84	31.83 3.24 -4.95	35.53 3.50 -7.92	36.85 4.06 -6.63	43.27 3.45 -14.66	42.81 3.73 -12.59	45.21 3.90 -14.43	58.84 4.15 -27.40	51.07 3.98 -18.86	59.80 4.44 -24.31	87.18 3.95 -57.05	85.43 4.44 -49.48	96.47 3.82 -68.16	80.79 3.89 -52.73	75.07 4.05 -46.76	52.44 4.07 -22.96	45.13 3.65 -17.49	40.48 3.48 -12.96
REVERE_CPPR_DRP 24186	20.67 0.91 0.00	19.00 0.73 0.00	18.22 0.55 0.00	18.10 0.51 0.00	17.88 0.55 0.00	19.81 0.84 0.00	22.76 0.79 0.00	24.30 0.66 0.00	24.79 0.68 0.00	27.03 0.86 0.00	26.07 0.91 0.00	27.49 1.01 0.00	27.93 1.05 0.00	28.43 1.15 0.00	29.36 1.13 0.00	32.27 1.21 -0.01	27.28 1.10 0.00	32.74 1.23 -0.01	25.47 0.98 0.00	25.11 0.94 0.00	25.33 1.07 0.00	26.51 1.09 0.00	24.95 0.96 0.00	24.92 0.89 0.00

REYNOLDS_115KV_TB3 80639	20.40 0.63 0.00	18.84 0.57 0.00	18.29 0.62 0.00	18.23 0.63 0.00	17.92 0.59 0.00	19.62 0.65 0.00	21.27 0.81 1.51	18.04 0.99 6.59	18.48 0.99 6.62	19.44 1.05 7.77	36.32 1.11 -10.06	36.26 1.14 -8.64	37.90 1.13 -9.89	34.42 1.12 -6.01	38.42 1.21 -8.97	37.53 1.30 -5.18	48.56 1.07 -21.30	68.79 1.35 -35.93	74.99 1.00 -49.49	63.39 0.94 -38.28	59.16 0.95 -33.95	43.10 1.02 -16.67	37.70 1.01 -12.70	34.52 1.08 -9.41
RIVERBAY____ 323610	21.24 1.46 -0.01	19.63 1.35 -0.01	18.99 1.31 -0.01	18.85 1.25 -0.01	18.55 1.21 -0.01	20.29 1.31 0.00	23.35 1.38 0.00	25.63 1.68 -0.31	26.94 1.81 -1.01	28.97 2.25 -0.55	31.81 1.79 -4.87	32.55 1.88 -4.18	33.55 1.88 -4.79	36.56 1.88 -7.38	36.10 2.15 -5.73	39.91 2.33 -6.53	45.01 2.28 -16.55	51.08 2.58 -17.00	49.74 1.84 -23.41	43.88 1.60 -18.11	41.83 1.50 -16.06	34.60 1.30 -7.89	31.49 1.49 -6.01	30.26 1.78 -4.45
RIVERSDE_115KV_TB3 55908	20.36 0.59 0.00	18.79 0.51 0.00	18.25 0.58 0.00	18.17 0.58 0.00	17.86 0.54 0.00	19.59 0.61 0.00	21.46 0.75 1.26	19.21 0.95 5.37	19.93 0.94 5.13	20.93 1.02 6.26	36.47 1.06 -10.25	36.38 1.09 -8.80	38.01 1.05 -10.08	36.20 1.06 -7.85	39.04 1.13 -9.68	39.12 1.24 -6.83	51.34 1.05 -24.11	69.18 1.29 -36.38	75.57 0.96 -50.12	63.83 0.89 -38.77	59.54 0.90 -34.38	43.24 0.94 -16.88	37.79 0.94 -12.86	34.59 1.03 -9.53
ROARING____BROOK_WT_PWR 323790	19.23 -0.53 0.00	17.83 -0.44 0.00	17.25 -0.42 0.00	17.19 -0.40 0.00	16.93 -0.40 0.00	18.51 -0.47 0.00	21.46 -0.50 0.00	23.31 -0.33 0.00	23.78 -0.34 0.00	25.80 -0.37 0.00	24.81 -0.35 0.00	26.14 -0.35 0.00	26.53 -0.35 0.00	26.93 -0.36 0.00	27.83 -0.40 0.00	30.65 -0.40 0.00	25.74 -0.45 0.00	30.94 -0.57 0.00	24.05 -0.44 0.00	23.81 -0.36 0.00	23.80 -0.46 0.00	24.96 -0.46 0.00	23.54 -0.46 0.00	23.50 -0.53 0.00
ROCHESRG_115KV_T4 355643	20.22 0.45 0.00	18.49 0.22 0.00	17.67 0.00 0.00	17.52 -0.07 0.00	17.40 0.07 0.00	19.24 0.27 0.00	21.92 -0.04 0.00	23.32 -0.35 -0.04	23.88 -0.36 -0.12	25.97 -0.26 -0.07	25.59 -0.15 -0.58	26.75 -0.24 -0.50	27.26 -0.19 -0.57	28.11 -0.05 -0.88	28.77 -0.14 -0.68	31.70 -0.12 -0.77	28.17 0.03 -1.96	33.54 0.03 -2.01	27.43 0.17 -2.76	26.43 0.12 -2.14	26.28 0.12 -1.90	26.42 0.08 -0.93	24.75 0.05 -0.71	24.73 0.17 -0.53
ROCHESTER_9_IC 23652	20.34 0.57 0.00	18.62 0.35 0.00	17.78 0.11 0.00	17.63 0.04 0.00	17.50 0.17 0.00	19.34 0.36 0.00	22.06 0.09 0.00	23.46 -0.21 -0.04	24.05 -0.19 -0.12	26.13 -0.10 -0.07	25.77 0.03 -0.58	26.94 -0.05 -0.50	27.46 0.00 -0.58	28.31 0.14 -0.89	28.97 0.06 -0.69	31.92 0.09 -0.78	28.37 0.21 -1.98	33.81 0.28 -2.02	27.62 0.34 -2.79	26.64 0.31 -2.16	26.49 0.32 -1.91	26.64 0.28 -0.94	24.92 0.22 -0.72	24.87 0.31 -0.53
ROCKVIEW_13_KV_LD 356306	20.83 1.07 0.00	19.24 0.97 0.00	18.70 1.02 0.00	18.58 0.99 0.00	18.28 0.95 0.00	20.04 1.06 0.00	23.33 1.36 0.00	25.63 1.68 -0.31	26.89 1.76 -1.01	28.78 2.07 -0.55	31.76 1.74 -4.87	32.52 1.85 -4.18	33.53 1.85 -4.79	36.53 1.86 -7.38	35.99 2.03 -5.73	39.78 2.20 -6.53	44.83 2.09 -16.55	51.05 2.55 -17.00	49.76 1.86 -23.41	43.92 1.64 -18.11	41.92 1.60 -16.06	34.73 1.42 -7.89	31.44 1.44 -6.01	30.00 1.51 -4.45
ROME____115KV_TB2 80656	20.67 0.91 0.00	19.00 0.73 0.00	18.22 0.55 0.00	18.10 0.51 0.00	17.88 0.55 0.00	19.81 0.84 0.00	22.76 0.79 0.00	24.30 0.66 0.00	24.79 0.68 0.00	27.03 0.86 0.00	26.07 0.91 0.00	27.49 1.01 0.00	27.93 1.05 0.00	28.43 1.15 0.00	29.36 1.13 0.00	32.27 1.21 -0.01	27.28 1.10 0.00	32.74 1.23 -0.01	25.47 0.98 0.00	25.11 0.94 0.00	25.33 1.07 0.00	26.51 1.09 0.00	24.95 0.96 0.00	24.92 0.89 0.00
ROSETON____1 23587	20.77 1.01 0.00	19.17 0.90 0.00	18.56 0.88 0.00	18.42 0.83 0.00	18.14 0.81 0.00	19.97 0.99 0.00	23.13 1.16 0.00	25.22 1.28 -0.30	26.50 1.37 -1.01	28.31 1.60 -0.55	31.38 1.38 -4.84	32.07 1.43 -4.16	33.07 1.42 -4.76	36.05 1.42 -7.34	35.48 1.55 -5.70	39.25 1.71 -6.49	44.21 1.57 -16.46	50.33 1.92 -16.91	49.18 1.40 -23.29	43.44 1.26 -18.02	41.45 1.21 -15.98	34.41 1.14 -7.84	31.12 1.15 -5.98	29.68 1.22 -4.43
ROSETON____2 23588	20.77 1.01 0.00	19.17 0.90 0.00	18.56 0.88 0.00	18.42 0.83 0.00	18.14 0.81 0.00	19.97 0.99 0.00	23.13 1.16 0.00	25.22 1.28 -0.30	26.50 1.37 -1.01	28.31 1.60 -0.55	31.38 1.38 -4.84	32.07 1.43 -4.16	33.07 1.42 -4.76	36.05 1.42 -7.34	35.48 1.55 -5.70	39.25 1.71 -6.49	44.21 1.57 -16.46	50.33 1.92 -16.91	49.18 1.40 -23.29	43.44 1.26 -18.02	41.45 1.21 -15.98	34.41 1.14 -7.84	31.12 1.15 -5.98	29.68 1.22 -4.43
ROTTSDAM_115KV_TB3 80664	20.59 0.83 0.00	19.00 0.73 0.00	18.38 0.71 0.00	18.31 0.72 0.00	18.00 0.68 0.00	19.80 0.82 0.00	23.03 0.99 -0.08	26.11 1.13 -1.33	28.90 1.16 -3.62	29.68 1.33 -2.18	41.61 1.21 -15.24	40.85 1.27 -13.09	43.19 1.32 -14.99	52.22 1.34 -23.60	47.70 1.38 -18.09	53.44 1.52 -20.87	79.97 1.31 -52.48	85.37 1.58 -52.29	97.75 1.22 -72.04	81.08 1.18 -55.72	74.89 1.21 -49.42	50.90 1.22 -24.26	43.63 1.15 -18.48	38.91 1.18 -13.70
RUSSELL____1 23602	20.46 0.69 0.00	18.71 0.44 0.00	17.87 0.19 0.00	17.72 0.12 0.00	17.59 0.26 0.00	19.43 0.46 0.00	22.17 0.20 0.00	23.58 -0.09 -0.04	24.19 -0.05 -0.12	26.26 0.03 -0.07	25.92 0.18 -0.58	27.10 0.11 -0.50	27.62 0.16 -0.58	28.50 0.33 -0.89	29.17 0.25 -0.69	32.14 0.31 -0.78	28.55 0.39 -1.98	34.00 0.47 -2.02	27.79 0.51 -2.79	26.81 0.48 -2.16	26.63 0.46 -1.91	26.79 0.43 -0.94	25.09 0.38 -0.72	25.02 0.46 -0.53
RUSSELL____2 23532	20.46 0.69 0.00	18.71 0.44 0.00	17.87 0.19 0.00	17.72 0.12 0.00	17.59 0.26 0.00	19.43 0.46 0.00	22.17 0.20 0.00	23.58 -0.09 -0.04	24.19 -0.05 -0.12	26.26 0.03 -0.07	25.92 0.18 -0.58	27.10 0.11 -0.50	27.62 0.16 -0.58	28.50 0.33 -0.89	29.17 0.25 -0.69	32.14 0.31 -0.78	28.55 0.39 -1.98	34.00 0.47 -2.02	27.79 0.51 -2.79	26.81 0.48 -2.16	26.63 0.46 -1.91	26.79 0.43 -0.94	25.09 0.38 -0.72	25.02 0.46 -0.53
RUSSELL____3 23549	20.46 0.69 0.00	18.71 0.44 0.00	17.87 0.19 0.00	17.72 0.12 0.00	17.59 0.26 0.00	19.43 0.46 0.00	22.17 0.20 0.00	23.58 -0.09 -0.04	24.19 -0.05 -0.12	26.26 0.03 -0.07	25.92 0.18 -0.58	27.10 0.11 -0.50	27.62 0.16 -0.58	28.50 0.33 -0.89	29.17 0.25 -0.69	32.14 0.31 -0.78	28.55 0.39 -1.98	34.00 0.47 -2.02	27.79 0.51 -2.79	26.81 0.48 -2.16	26.63 0.46 -1.91	26.79 0.43 -0.94	25.09 0.38 -0.72	25.02 0.46 -0.53
RUSSELL____4 23556	20.46 0.69 0.00	18.71 0.44 0.00	17.87 0.19 0.00	17.72 0.12 0.00	17.59 0.26 0.00	19.43 0.46 0.00	22.17 0.20 0.00	23.58 -0.09 -0.04	24.19 -0.05 -0.12	26.26 0.03 -0.07	25.92 0.18 -0.58	27.10 0.11 -0.50	27.62 0.16 -0.58	28.50 0.33 -0.89	29.17 0.25 -0.69	32.14 0.31 -0.78	28.55 0.39 -1.98	34.00 0.47 -2.02	27.79 0.51 -2.79	26.81 0.48 -2.16	26.63 0.46 -1.91	26.79 0.43 -0.94	25.09 0.38 -0.72	25.02 0.46 -0.53

RUSSELL___STATION 23914	20.46 0.69 0.00	18.71 0.44 0.00	17.87 0.19 0.00	17.72 0.12 0.00	17.59 0.26 0.00	19.43 0.46 0.00	22.17 0.20 0.00	23.58 -0.09 -0.04	24.19 -0.05 -0.12	26.26 0.03 -0.07	25.92 0.18 -0.58	27.10 0.11 -0.50	27.62 0.16 -0.58	28.50 0.33 -0.89	29.17 0.25 -0.69	32.14 0.31 -0.78	28.55 0.39 -1.98	34.00 0.47 -2.02	27.79 0.51 -2.79	26.81 0.48 -2.16	26.63 0.46 -1.91	26.79 0.43 -0.94	25.09 0.38 -0.72	25.02 0.46 -0.53
S SALMON___HYD 24043	19.96 0.20 0.00	18.35 0.07 0.00	17.71 0.04 0.00	17.63 0.04 0.00	17.38 0.05 0.00	19.11 0.13 0.00	22.08 0.11 0.00	23.45 -0.19 0.00	23.92 -0.19 0.00	26.14 -0.03 0.00	25.01 -0.15 0.00	26.43 -0.05 0.00	26.83 -0.05 0.00	27.29 0.00 0.00	28.20 -0.03 0.00	31.26 0.12 -0.09	26.26 0.08 0.00	31.44 -0.09 -0.03	24.47 -0.02 0.00	24.10 -0.07 0.00	24.26 0.00 0.00	25.52 0.10 0.00	24.04 0.05 0.00	24.06 0.02 0.00
S.PERRY__115KV_TB1 80734	21.03 1.26 0.00	19.21 0.93 0.00	18.27 0.60 0.00	18.12 0.53 0.00	18.02 0.69 0.00	20.04 1.06 0.00	22.69 0.72 0.00	23.95 0.26 -0.05	24.42 0.12 -0.18	26.50 0.24 -0.10	26.33 0.30 -0.86	27.52 0.29 -0.74	28.00 0.27 -0.85	29.09 0.49 -1.31	29.67 0.42 -1.02	32.64 0.43 -1.16	29.74 0.63 -2.93	35.42 0.91 -3.00	29.65 1.03 -4.13	28.48 1.11 -3.20	28.33 1.24 -2.84	28.11 1.30 -1.39	26.18 1.13 -1.06	26.04 1.23 -0.79
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	20.38 0.61 0.00	18.55 0.27 0.00	17.62 -0.05 0.00	17.42 -0.18 0.00	17.38 0.05 0.00	19.32 0.34 0.00	21.81 -0.15 0.00	23.10 -0.59 -0.05	23.68 -0.60 -0.16	25.81 -0.44 -0.09	25.57 -0.38 -0.79	26.74 -0.42 -0.68	27.26 -0.40 -0.78	28.27 -0.22 -1.20	28.73 -0.42 -0.93	31.70 -0.40 -1.06	28.87 0.00 -2.69	34.16 -0.09 -2.75	28.42 0.15 -3.79	27.10 0.00 -2.93	26.88 0.02 -2.60	26.62 -0.08 -1.28	24.87 -0.10 -0.97	24.94 0.19 -0.72
SAWYER__23_KV_LOAD 55526	20.38 0.61 0.00	18.55 0.27 0.00	17.62 -0.05 0.00	17.42 -0.18 0.00	17.38 0.05 0.00	19.32 0.34 0.00	21.81 -0.15 0.00	23.10 -0.59 -0.05	23.68 -0.60 -0.16	25.81 -0.44 -0.09	25.57 -0.38 -0.79	26.74 -0.42 -0.68	27.26 -0.40 -0.78	28.27 -0.22 -1.20	28.73 -0.42 -0.93	31.70 -0.40 -1.06	28.87 0.00 -2.69	34.16 -0.09 -2.75	28.42 0.15 -3.79	27.10 0.00 -2.93	26.88 0.02 -2.60	26.62 -0.08 -1.28	24.87 -0.10 -0.97	24.94 0.19 -0.72
SELKIRK___I 23801	20.56 0.79 0.00	18.97 0.69 0.00	18.38 0.71 0.00	18.30 0.70 0.00	18.02 0.69 0.00	19.76 0.78 0.00	22.19 0.90 0.68	21.89 0.99 2.74	22.94 1.04 2.21	24.21 1.12 3.08	34.55 1.11 -8.29	34.74 1.14 -7.12	36.16 1.13 -8.15	36.81 1.12 -8.40	37.91 1.21 -8.47	39.72 1.30 -7.37	49.65 1.10 -22.36	62.09 1.35 -29.24	65.79 1.03 -40.28	56.29 0.97 -31.15	52.91 1.02 -27.63	40.05 1.07 -13.56	35.36 1.03 -10.33	32.80 1.11 -7.66
SELKIRK___II 23799	20.42 0.65 0.00	18.84 0.57 0.00	18.25 0.58 0.00	18.17 0.58 0.00	17.90 0.57 0.00	19.62 0.65 0.00	21.94 0.75 0.77	21.37 0.88 3.15	22.35 0.89 2.66	23.56 0.97 3.57	34.73 0.96 -8.62	34.87 0.98 -7.40	36.32 0.97 -8.47	36.59 0.95 -8.35	37.95 1.05 -8.68	39.48 1.12 -7.31	49.83 0.94 -22.71	63.10 1.17 -30.42	67.26 0.86 -41.91	57.39 0.80 -32.42	53.84 0.83 -28.75	40.40 0.86 -14.12	35.58 0.84 -10.75	32.94 0.94 -7.97
SENECA OSWGO___HYD 24041	19.69 -0.08 0.00	18.11 -0.16 0.00	17.50 -0.18 0.00	17.42 -0.18 0.00	17.17 -0.16 0.00	18.87 -0.11 0.00	21.79 -0.18 0.00	23.22 -0.42 0.00	23.73 -0.39 0.00	25.77 -0.39 0.00	24.83 -0.33 0.00	26.17 -0.32 0.00	26.56 -0.32 0.00	26.99 -0.30 0.00	27.89 -0.34 0.00	30.81 -0.34 -0.10	25.97 -0.21 0.00	31.25 -0.32 -0.06	24.27 -0.22 0.00	23.90 -0.27 0.00	24.07 -0.19 0.00	25.24 -0.18 0.00	23.78 -0.22 0.00	23.84 -0.19 0.00
SENECA___115KV_TB3 355854	20.56 0.79 0.00	18.71 0.44 0.00	17.78 0.11 0.00	17.58 -0.02 0.00	17.52 0.19 0.00	19.49 0.51 0.00	22.01 0.04 0.00	23.36 -0.33 -0.05	23.98 -0.31 -0.17	26.15 -0.10 -0.09	25.92 -0.08 -0.83	27.12 -0.08 -0.71	27.62 -0.08 -0.82	28.68 0.14 -1.26	29.15 -0.06 -0.98	32.13 -0.03 -1.11	29.37 0.37 -2.82	34.74 0.35 -2.89	28.94 0.47 -3.98	27.51 0.27 -3.08	27.31 0.32 -2.73	26.99 0.23 -1.34	25.18 0.17 -1.02	25.22 0.43 -0.76
SENECA___ENERGY 23797	20.10 0.34 0.00	18.40 0.13 0.00	17.72 0.05 0.00	17.65 0.05 0.00	17.41 0.09 0.00	19.21 0.23 0.00	22.23 0.26 0.00	23.61 -0.07 -0.04	24.25 0.00 -0.13	26.26 0.03 -0.07	25.84 0.05 -0.62	27.10 0.08 -0.54	27.58 0.08 -0.61	28.40 0.16 -0.95	29.10 0.14 -0.74	32.08 0.16 -0.88	28.54 0.24 -2.12	33.93 0.22 -2.20	27.78 0.29 -3.00	26.68 0.19 -2.32	26.59 0.27 -2.06	26.73 0.31 -1.01	24.93 0.17 -0.77	24.82 0.22 -0.57
SHOEMAKER___GT 23640	20.65 0.89 0.00	19.08 0.80 0.00	18.47 0.80 0.00	18.33 0.74 0.00	18.05 0.73 0.00	19.87 0.89 0.00	23.02 1.05 0.00	25.03 1.11 -0.28	26.20 1.16 -0.92	28.03 1.36 -0.50	30.79 1.18 -4.44	31.52 1.22 -3.82	32.46 1.21 -4.37	35.20 1.17 -6.74	34.76 1.30 -5.23	38.44 1.43 -5.96	42.62 1.33 -15.10	48.69 1.67 -15.51	47.09 1.22 -21.37	41.81 1.11 -16.53	40.04 1.12 -14.66	33.66 1.04 -7.20	30.53 1.05 -5.48	29.20 1.11 -4.06
SHOEMAKR_138KV_BK 111 55601	20.52 0.75 0.00	18.95 0.68 0.00	18.38 0.71 0.00	18.30 0.70 0.00	17.99 0.66 0.00	19.70 0.72 0.00	22.94 0.97 0.00	25.05 1.13 -0.28	26.22 1.18 -0.92	28.02 1.36 -0.50	30.76 1.18 -4.41	31.50 1.22 -3.79	32.43 1.21 -4.34	35.18 1.20 -6.70	34.72 1.30 -5.20	38.40 1.43 -5.92	42.52 1.34 -15.01	48.59 1.67 -15.41	46.95 1.22 -21.23	41.70 1.11 -16.42	39.92 1.09 -14.56	33.58 1.02 -7.15	30.45 1.01 -5.45	29.15 1.08 -4.04
SHOREHAM_IC_1 23715	29.29 2.25 -7.27	23.85 2.19 -3.38	21.56 2.21 -1.68	19.66 2.04 -0.03	21.08 1.99 -1.76	22.08 2.35 -0.75	26.74 2.72 -2.05	30.87 3.05 -4.17	37.63 3.01 -10.50	38.18 3.43 -8.59	43.40 3.04 -15.20	46.18 3.20 -16.49	46.13 3.14 -16.10	57.46 3.19 -26.98	49.08 3.44 -17.41	57.92 3.79 -23.09	63.34 3.40 -33.75	63.92 4.16 -28.26	74.89 3.23 -47.17	59.33 3.09 -32.06	59.09 3.15 -31.68	58.41 3.02 -29.97	39.84 3.07 -12.78	35.01 3.20 -7.79
SHOREHAM_IC_2 23716	29.29 2.25 -7.27	23.85 2.19 -3.38	21.56 2.21 -1.68	19.66 2.04 -0.03	21.08 1.99 -1.76	22.08 2.35 -0.75	26.74 2.72 -2.05	30.87 3.05 -4.17	37.63 3.01 -10.50	38.18 3.43 -8.59	43.40 3.04 -15.20	46.18 3.20 -16.49	46.13 3.14 -16.10	57.46 3.19 -26.98	49.08 3.44 -17.41	57.92 3.79 -23.09	63.34 3.40 -33.75	63.92 4.16 -28.26	74.89 3.23 -47.17	59.33 3.09 -32.06	59.09 3.15 -31.68	58.41 3.02 -29.97	39.84 3.07 -12.78	35.01 3.20 -7.79
SISSONVILLE___ 23735	19.37 -0.40 0.00	17.96 -0.31 0.00	17.42 -0.25 0.00	17.36 -0.23 0.00	17.07 -0.26 0.00	18.66 -0.32 0.00	21.53 -0.44 0.00	23.17 -0.47 0.00	23.61 -0.51 0.00	25.51 -0.65 0.00	24.56 -0.60 0.00	25.90 -0.58 0.00	26.35 -0.54 0.00	26.74 -0.55 0.00	27.61 -0.62 0.00	30.32 -0.75 -0.01	25.13 -1.05 0.00	30.18 -1.32 0.00	23.41 -1.08 0.00	23.40 -0.77 0.00	23.41 -0.85 0.00	24.76 -0.66 0.00	23.49 -0.50 0.00	23.41 -0.62 0.00

SITHE_IND_GS1 24169	19.39 -0.38 0.00	17.85 -0.42 0.00	17.25 -0.42 0.00	17.19 -0.40 0.00	16.93 -0.40 0.00	18.58 -0.40 0.00	21.46 -0.50 0.00	22.88 -0.76 0.00	23.40 -0.72 0.00	25.38 -0.78 0.00	24.46 -0.70 0.00	25.72 -0.77 0.00	26.13 -0.75 0.00	26.52 -0.76 0.00	27.44 -0.79 0.00	29.91 -0.87 0.28	25.50 -0.68 0.00	30.46 -0.88 0.17	23.88 -0.61 0.00	23.52 -0.65 0.00	23.63 -0.63 0.00	24.78 -0.63 0.00	23.35 -0.65 0.00	23.41 -0.62 0.00
SITHE_IND_GS2 24170	19.39 -0.38 0.00	17.85 -0.42 0.00	17.25 -0.42 0.00	17.19 -0.40 0.00	16.93 -0.40 0.00	18.58 -0.40 0.00	21.46 -0.50 0.00	22.88 -0.76 0.00	23.40 -0.72 0.00	25.38 -0.78 0.00	24.46 -0.70 0.00	25.72 -0.77 0.00	26.13 -0.75 0.00	26.52 -0.76 0.00	27.44 -0.79 0.00	29.91 -0.87 0.28	25.50 -0.68 0.00	30.46 -0.88 0.17	23.88 -0.61 0.00	23.52 -0.65 0.00	23.63 -0.63 0.00	24.78 -0.63 0.00	23.35 -0.65 0.00	23.41 -0.62 0.00
SITHE_IND_GS3 24171	19.39 -0.38 0.00	17.85 -0.42 0.00	17.25 -0.42 0.00	17.19 -0.40 0.00	16.93 -0.40 0.00	18.58 -0.40 0.00	21.46 -0.50 0.00	22.88 -0.76 0.00	23.40 -0.72 0.00	25.38 -0.78 0.00	24.46 -0.70 0.00	25.72 -0.77 0.00	26.13 -0.75 0.00	26.52 -0.76 0.00	27.44 -0.79 0.00	29.91 -0.87 0.28	25.50 -0.68 0.00	30.46 -0.88 0.17	23.88 -0.61 0.00	23.52 -0.65 0.00	23.63 -0.63 0.00	24.78 -0.63 0.00	23.35 -0.65 0.00	23.41 -0.62 0.00
SITHE_IND_GS4 24172	19.39 -0.38 0.00	17.85 -0.42 0.00	17.25 -0.42 0.00	17.19 -0.40 0.00	16.93 -0.40 0.00	18.58 -0.40 0.00	21.46 -0.50 0.00	22.88 -0.76 0.00	23.40 -0.72 0.00	25.38 -0.78 0.00	24.46 -0.70 0.00	25.72 -0.77 0.00	26.13 -0.75 0.00	26.52 -0.76 0.00	27.44 -0.79 0.00	29.91 -0.87 0.28	25.50 -0.68 0.00	30.46 -0.88 0.17	23.88 -0.61 0.00	23.52 -0.65 0.00	23.63 -0.63 0.00	24.78 -0.63 0.00	23.35 -0.65 0.00	23.41 -0.62 0.00
SITHE___BATAVIA 24024	20.67 0.91 0.00	18.69 0.42 0.00	17.99 0.32 0.00	17.94 0.35 0.00	17.60 0.28 0.00	19.55 0.57 0.00	22.61 0.64 0.00	23.52 -0.16 -0.04	24.26 0.00 -0.14	26.27 0.03 -0.08	26.03 0.18 -0.69	27.13 0.05 -0.59	27.67 0.11 -0.68	28.66 0.33 -1.04	29.24 0.20 -0.81	32.19 0.22 -0.92	28.94 0.42 -2.34	34.38 0.47 -2.40	28.38 0.59 -3.31	27.26 0.53 -2.56	27.04 0.51 -2.27	26.99 0.46 -1.11	25.30 0.45 -0.85	25.28 0.62 -0.63
SITHE___INDEPEND 23800	19.49 -0.28 0.00	17.96 -0.31 0.00	17.32 -0.35 0.00	17.22 -0.37 0.00	17.00 -0.33 0.00	18.69 -0.28 0.00	21.55 -0.42 0.00	22.93 -0.71 0.00	23.35 -0.77 0.00	25.38 -0.78 0.00	24.46 -0.70 0.00	25.72 -0.77 0.00	26.13 -0.75 0.00	26.52 -0.76 0.00	27.44 -0.79 0.00	29.91 -0.87 0.28	25.50 -0.68 0.00	30.49 -0.85 0.17	23.88 -0.61 0.00	23.52 -0.65 0.00	23.63 -0.63 0.00	24.78 -0.64 0.00	23.34 -0.65 0.00	23.41 -0.62 0.00
SITHE___MASSENA 23902	19.41 -0.36 0.00	18.02 -0.26 0.00	17.46 -0.21 0.00	17.40 -0.19 0.00	17.10 -0.23 0.00	18.66 -0.32 0.00	21.59 -0.37 0.00	23.48 -0.16 0.00	23.90 -0.22 0.00	25.80 -0.37 0.00	24.83 -0.33 0.00	26.17 -0.32 0.00	26.59 -0.30 0.00	26.99 -0.30 0.00	27.89 -0.34 0.00	30.68 -0.37 0.00	25.58 -0.60 0.00	30.75 -0.76 0.00	23.88 -0.61 0.00	23.78 -0.39 0.00	23.78 -0.49 0.00	25.04 -0.38 0.00	23.66 -0.34 0.00	23.60 -0.43 0.00
SITHE___OGDNSBRG 24021	19.61 -0.16 0.00	18.16 -0.11 0.00	17.60 -0.07 0.00	17.54 -0.05 0.00	17.24 -0.09 0.00	18.85 -0.13 0.00	21.79 -0.18 0.00	23.52 -0.12 0.00	24.00 -0.12 0.00	25.90 -0.26 0.00	24.93 -0.23 0.00	26.30 -0.19 0.00	26.78 -0.11 0.00	27.18 -0.11 0.00	28.06 -0.17 0.00	30.87 -0.19 -0.01	25.68 -0.50 0.00	30.87 -0.63 0.00	23.95 -0.54 0.00	23.95 -0.22 0.00	23.97 -0.29 0.00	25.26 -0.15 0.00	23.90 -0.10 0.00	23.82 -0.22 0.00
SITHE___STERLING 23777	20.48 0.71 0.00	18.73 0.46 0.00	18.10 0.42 0.00	18.00 0.40 0.00	17.76 0.43 0.00	19.53 0.55 0.00	22.58 0.61 0.00	24.11 0.47 0.00	24.72 0.60 0.00	26.84 0.68 0.00	25.86 0.70 0.00	27.28 0.79 0.00	27.69 0.81 0.00	28.16 0.87 0.00	29.10 0.88 0.00	32.03 0.96 -0.01	27.07 0.89 0.00	32.49 0.98 -0.01	25.27 0.78 0.00	24.89 0.72 0.00	25.09 0.83 0.00	26.25 0.84 0.00	24.74 0.74 0.00	24.73 0.70 0.00
SLEIGHT__34_KV_TB1 80719	20.56 0.79 0.00	18.89 0.62 0.00	18.10 0.42 0.00	17.98 0.39 0.00	17.81 0.49 0.00	19.74 0.76 0.00	22.63 0.66 0.00	24.15 0.47 -0.04	24.72 0.48 -0.12	26.94 0.71 -0.07	26.55 0.81 -0.58	27.86 0.87 -0.50	28.37 0.91 -0.57	29.21 1.04 -0.88	29.95 1.04 -0.68	33.01 1.15 -0.81	29.14 0.99 -1.97	34.67 1.13 -2.03	28.18 0.93 -2.76	27.10 0.80 -2.14	27.05 0.90 -1.90	27.36 1.02 -0.93	25.49 0.79 -0.71	25.40 0.84 -0.53
SOUTH CAIRO___GT 23612	20.95 1.19 0.00	19.37 1.10 0.00	18.77 1.10 0.00	18.68 1.09 0.00	18.37 1.04 0.00	20.18 1.20 0.00	22.82 1.51 0.66	22.68 1.70 2.67	23.65 1.71 2.18	24.99 1.83 3.01	34.58 1.56 -7.86	34.77 1.54 -6.75	36.12 1.50 -7.73	36.67 1.50 -7.88	37.81 1.58 -8.00	39.69 1.74 -6.90	48.75 1.49 -21.08	61.18 1.92 -27.75	64.29 1.57 -38.23	55.31 1.57 -29.57	52.09 1.60 -26.22	39.97 1.68 -12.87	35.36 1.56 -9.81	32.94 1.63 -7.27
SOUTH HAMPTN___IC 23720	29.60 2.57 -7.27	24.18 2.52 -3.38	21.88 2.53 -1.68	19.96 2.34 -0.03	21.37 2.29 -1.76	22.40 2.68 -0.75	27.14 3.12 -2.05	31.27 3.45 -4.17	37.82 3.42 -10.28	38.45 3.92 -8.37	43.91 3.55 -15.20	46.71 3.74 -16.49	46.67 3.68 -16.10	57.63 3.74 -26.60	49.17 4.01 -16.94	57.85 4.38 -22.42	63.38 3.95 -33.25	64.16 4.85 -27.81	74.48 3.77 -46.22	59.29 3.62 -31.50	59.00 3.69 -31.05	58.13 3.58 -29.12	40.07 3.58 -12.51	35.47 3.65 -7.78
SOUTHDOW__115KV_TB1 355954	21.07 1.30 0.00	19.17 0.90 0.00	18.22 0.55 0.00	18.02 0.42 0.00	17.97 0.64 0.00	20.02 1.04 0.00	22.69 0.72 0.00	24.31 0.61 -0.06	25.08 0.77 -0.19	27.36 1.10 -0.10	27.11 1.06 -0.90	28.24 0.98 -0.77	28.71 0.94 -0.88	29.82 1.17 -1.36	30.30 1.02 -1.06	33.34 1.09 -1.20	30.52 1.28 -3.05	36.05 1.42 -3.13	30.07 1.27 -4.31	28.61 1.11 -3.33	28.48 1.26 -2.95	28.11 1.25 -1.45	26.10 1.01 -1.10	26.05 1.20 -0.82
SOUTHOLD_69_KV_BK 2 55809	29.82 2.79 -7.27	24.19 2.54 -3.38	22.05 2.70 -1.68	20.31 2.69 -0.03	21.74 2.65 -1.76	22.42 2.70 -0.75	27.51 3.49 -2.05	31.93 4.11 -4.17	38.76 4.37 -10.28	39.08 4.55 -8.37	44.51 4.15 -15.20	47.32 4.34 -16.49	47.31 4.33 -16.10	58.31 4.42 -26.60	49.88 4.71 -16.94	58.67 5.19 -22.43	64.12 4.69 -33.25	65.08 5.77 -27.81	75.22 4.51 -46.23	59.95 4.28 -31.51	59.54 4.22 -31.06	58.69 4.14 -29.13	40.75 4.25 -12.51	36.12 4.30 -7.78
SOUTHOLD___IC 23719	30.00 2.96 -7.27	24.58 2.92 -3.38	22.30 2.95 -1.68	20.37 2.74 -0.03	21.74 2.65 -1.76	22.84 3.11 -0.75	27.64 3.62 -2.05	31.83 4.02 -4.17	38.38 3.98 -10.28	39.08 4.55 -8.37	44.51 4.15 -15.20	47.34 4.37 -16.49	47.31 4.33 -16.10	58.31 4.42 -26.60	49.88 4.71 -16.94	58.67 5.19 -22.43	64.12 4.69 -33.25	65.09 5.77 -27.81	75.23 4.51 -46.23	60.00 4.33 -31.51	59.71 4.39 -31.06	58.90 4.35 -29.13	40.77 4.27 -12.51	36.12 4.30 -7.78

SPIERFLS_115KV_TB 1 80737	20.91 1.15 0.00	19.24 0.97 0.00	18.63 0.95 0.00	18.54 0.95 0.00	18.25 0.92 0.00	20.08 1.10 0.00	24.09 1.36 -0.76	29.78 1.56 -4.58	33.26 1.66 -7.47	34.22 1.88 -6.17	41.37 1.48 -14.72	40.72 1.59 -12.64	43.06 1.69 -14.49	56.07 1.77 -27.01	48.56 1.55 -18.78	56.74 1.74 -23.95	84.33 1.57 -56.58	83.10 1.83 -49.77	94.74 1.69 -68.56	79.04 1.84 -53.04	73.19 1.89 -47.03	50.42 1.91 -23.09	43.31 1.73 -17.59	38.77 1.71 -13.04
ST LAWRENCE____ 23600	19.19 -0.57 0.00	17.83 -0.44 0.00	17.28 -0.39 0.00	17.21 -0.39 0.00	16.93 -0.40 0.00	18.47 -0.51 0.00	21.38 -0.59 0.00	23.26 -0.38 0.00	23.66 -0.46 0.00	25.59 -0.58 0.00	24.61 -0.55 0.00	25.93 -0.56 0.00	26.35 -0.54 0.00	26.71 -0.57 0.00	27.63 -0.59 0.00	30.40 -0.65 0.00	25.42 -0.76 0.00	30.59 -0.91 0.00	23.76 -0.73 0.00	23.59 -0.58 0.00	23.61 -0.65 0.00	24.81 -0.61 0.00	23.44 -0.55 0.00	23.38 -0.65 0.00
STATE_CA_115KV_115_LB 55624	20.36 0.59 0.00	18.79 0.51 0.00	18.25 0.58 0.00	18.17 0.58 0.00	17.86 0.54 0.00	19.59 0.61 0.00	21.75 0.75 0.97	20.65 0.95 3.94	21.79 0.96 3.30	22.75 1.05 4.46	37.24 1.08 -11.00	37.05 1.11 -9.45	38.78 1.08 -10.82	39.15 1.09 -10.77	40.53 1.19 -11.12	41.75 1.27 -9.43	56.40 1.07 -29.15	71.53 1.32 -38.70	78.79 0.98 -53.32	66.33 0.92 -41.24	61.76 0.92 -36.58	44.34 0.97 -17.96	38.61 0.94 -13.68	35.20 1.03 -10.14
STATE_ST_34_KV_LOAD 55959	20.26 0.49 0.00	18.64 0.37 0.00	18.03 0.35 0.00	17.91 0.32 0.00	17.71 0.38 0.00	19.45 0.47 0.00	22.50 0.53 0.00	24.01 0.33 -0.04	24.58 0.34 -0.13	26.60 0.37 -0.07	26.16 0.38 -0.62	27.47 0.45 -0.53	27.95 0.46 -0.61	28.75 0.52 -0.94	29.46 0.51 -0.73	32.52 0.59 -0.88	28.83 0.55 -2.10	34.47 0.79 -2.17	28.13 0.69 -2.95	26.98 0.53 -2.28	26.94 0.66 -2.03	27.17 0.76 -0.99	25.35 0.60 -0.76	25.22 0.62 -0.56
STATION 5_MISC_HYD 23604	20.30 0.53 0.00	18.49 0.22 0.00	17.80 0.12 0.00	17.73 0.14 0.00	17.45 0.12 0.00	19.26 0.29 0.00	22.28 0.31 0.00	23.44 -0.24 -0.04	24.10 -0.14 -0.12	26.13 0.03 -0.07	25.77 0.03 -0.58	26.94 -0.05 -0.50	27.46 0.00 -0.57	28.31 0.14 -0.88	28.97 0.06 -0.69	31.93 0.09 -0.78	28.37 0.21 -1.98	33.79 0.25 -2.03	27.63 0.34 -2.80	26.65 0.31 -2.17	26.48 0.29 -1.92	26.61 0.25 -0.94	24.93 0.22 -0.72	24.88 0.31 -0.53
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	20.30 0.53 0.00	18.60 0.33 0.00	17.78 0.11 0.00	17.65 0.05 0.00	17.50 0.17 0.00	19.36 0.38 0.00	22.12 0.15 0.00	23.58 -0.09 -0.04	24.17 -0.07 -0.12	26.31 0.08 -0.07	25.95 0.20 -0.59	27.13 0.13 -0.51	27.62 0.16 -0.58	28.48 0.30 -0.89	29.20 0.28 -0.69	32.15 0.31 -0.79	28.53 0.37 -1.98	33.91 0.42 -2.03	27.70 0.38 -2.79	26.71 0.42 -2.16	26.59 0.41 -1.91	26.76 0.41 -0.94	25.02 0.31 -0.72	24.92 0.36 -0.53
STA_56_34_KV_BUS2_REV_LBMP_B 345033	20.18 0.42 0.00	18.47 0.20 0.00	17.64 -0.04 0.00	17.49 -0.11 0.00	17.36 0.03 0.00	19.21 0.23 0.00	21.90 -0.07 0.00	23.32 -0.35 -0.04	23.90 -0.34 -0.12	25.99 -0.24 -0.07	25.67 -0.08 -0.58	26.80 -0.19 -0.50	27.32 -0.13 -0.57	28.20 0.03 -0.88	28.88 -0.03 -0.68	31.79 -0.03 -0.77	28.25 0.10 -1.96	33.60 0.09 -2.00	27.45 0.20 -2.76	26.47 0.17 -2.13	26.32 0.17 -1.89	26.47 0.13 -0.93	24.80 0.10 -0.71	24.72 0.17 -0.52
STA_56____34_KV_BUS2 355983	20.18 0.42 0.00	18.47 0.20 0.00	17.64 -0.04 0.00	17.49 -0.11 0.00	17.36 0.03 0.00	19.21 0.23 0.00	21.90 -0.07 0.00	23.32 -0.35 -0.04	23.90 -0.34 -0.12	25.99 -0.24 -0.07	25.67 -0.08 -0.58	26.80 -0.19 -0.50	27.32 -0.13 -0.57	28.20 0.03 -0.88	28.88 -0.03 -0.68	31.79 -0.03 -0.77	28.25 0.10 -1.96	33.60 0.09 -2.00	27.45 0.20 -2.76	26.47 0.17 -2.13	26.32 0.17 -1.89	26.47 0.13 -0.93	24.80 0.10 -0.71	24.72 0.17 -0.52
STA_67____115KV_BK2 355882	20.30 0.53 0.00	18.57 0.29 0.00	17.74 0.07 0.00	17.58 -0.02 0.00	17.47 0.14 0.00	19.30 0.32 0.00	22.01 0.04 0.00	23.42 -0.26 -0.04	23.97 -0.27 -0.12	26.07 -0.16 -0.07	25.72 -0.03 -0.58	26.86 -0.13 -0.50	27.38 -0.08 -0.57	28.23 0.05 -0.89	28.88 -0.03 -0.68	31.86 0.03 -0.78	28.32 0.16 -1.98	33.72 0.19 -2.02	27.57 0.29 -2.79	26.56 0.24 -2.15	26.41 0.24 -1.91	26.56 0.20 -0.94	24.87 0.17 -0.71	24.83 0.26 -0.53
STA_7____115KV_9TRANS 80674	20.46 0.69 0.00	18.71 0.44 0.00	17.87 0.19 0.00	17.72 0.12 0.00	17.59 0.26 0.00	19.43 0.46 0.00	22.17 0.20 0.00	23.58 -0.09 -0.04	24.19 -0.05 -0.12	26.26 0.03 -0.07	25.92 0.18 -0.58	27.10 0.11 -0.50	27.62 0.16 -0.58	28.50 0.33 -0.89	29.17 0.25 -0.69	32.14 0.31 -0.78	28.55 0.39 -1.98	34.00 0.47 -2.02	27.79 0.51 -2.79	26.81 0.48 -2.16	26.63 0.46 -1.91	26.79 0.43 -0.94	25.09 0.38 -0.72	25.02 0.46 -0.53
STA_82____115KV_TB1 80780	20.30 0.53 0.00	18.58 0.31 0.00	17.74 0.07 0.00	17.59 0.00 0.00	17.47 0.14 0.00	19.32 0.34 0.00	22.01 0.04 0.00	23.42 -0.26 -0.04	24.00 -0.24 -0.12	26.07 -0.16 -0.07	25.72 -0.03 -0.59	26.89 -0.11 -0.51	27.38 -0.08 -0.58	28.26 0.08 -0.89	28.92 0.00 -0.69	31.87 0.03 -0.78	28.33 0.16 -1.99	33.76 0.22 -2.04	27.59 0.29 -2.80	26.60 0.27 -2.17	26.45 0.27 -1.92	26.59 0.23 -0.94	24.88 0.17 -0.72	24.83 0.26 -0.53
STEEL____WIND 323596	20.52 0.75 0.00	18.55 0.27 0.00	17.83 0.16 0.00	17.77 0.18 0.00	17.47 0.14 0.00	19.38 0.40 0.00	22.45 0.48 0.00	23.31 -0.38 -0.05	24.07 -0.22 -0.17	26.13 -0.13 -0.09	25.89 -0.10 -0.83	27.09 -0.11 -0.71	27.59 -0.11 -0.82	28.66 0.11 -1.26	29.12 -0.08 -0.98	32.10 -0.06 -1.11	29.32 0.32 -2.82	34.68 0.28 -2.89	28.89 0.42 -3.98	27.49 0.24 -3.08	27.26 0.27 -2.73	26.94 0.18 -1.34	25.14 0.12 -1.02	25.20 0.41 -0.76
STEPHTWN_115KV_BK_2 55603	20.46 0.69 0.00	18.86 0.58 0.00	18.33 0.65 0.00	18.24 0.65 0.00	17.93 0.61 0.00	19.68 0.70 0.00	21.66 0.86 1.16	19.74 1.06 4.97	20.48 1.09 4.73	21.59 1.20 5.78	35.98 1.23 -9.58	35.99 1.27 -8.23	37.54 1.24 -9.42	35.99 1.28 -7.41	38.66 1.35 -9.07	38.99 1.49 -6.45	50.11 1.28 -22.65	67.08 1.54 -34.04	72.55 1.18 -46.89	61.53 1.09 -36.27	57.52 1.09 -32.17	42.35 1.14 -15.79	37.13 1.10 -12.03	34.15 1.20 -8.92
STEBEN_REC_LFGE 323667	20.87 1.11 0.00	19.02 0.75 0.00	18.13 0.46 0.00	17.98 0.39 0.00	17.90 0.57 0.00	19.95 0.97 0.00	22.69 0.72 0.00	24.14 0.43 -0.07	24.74 0.39 -0.23	26.92 0.63 -0.13	26.93 0.65 -1.12	28.21 0.77 -0.96	28.76 0.78 -1.10	29.96 0.98 -1.69	30.39 0.85 -1.31	33.52 0.96 -1.51	31.07 1.10 -3.79	36.62 1.23 -3.89	30.96 1.13 -5.34	29.27 0.97 -4.13	28.99 1.07 -3.66	28.36 1.14 -1.80	26.35 0.98 -1.37	26.18 1.13 -1.02
STONY____BROOK 24151	29.15 2.12 -7.27	23.72 2.06 -3.38	21.38 2.03 -1.68	19.54 1.92 -0.03	20.96 1.87 -1.76	21.95 2.22 -0.75	26.61 2.59 -2.05	30.67 2.86 -4.17	38.66 2.82 -11.73	39.23 3.24 -9.82	43.26 2.89 -15.20	46.03 3.04 -16.49	46.00 3.01 -16.10	59.42 3.03 -29.10	51.57 3.30 -20.04	61.46 3.60 -26.81	65.87 3.09 -36.60	66.11 3.81 -30.79	79.92 2.94 -52.49	62.26 2.87 -35.21	62.40 2.93 -35.20	62.94 2.80 -34.73	41.11 2.81 -14.31	34.75 2.93 -7.79

STURGEON_POOL_HYD 23609	20.65 0.89 0.00	19.10 0.82 0.00	18.47 0.80 0.00	18.38 0.79 0.00	18.05 0.73 0.00	19.81 0.84 0.00	23.00 1.19 0.15	24.67 1.42 0.39	25.84 1.47 -0.25	27.66 1.78 0.29	31.97 1.31 -5.50	32.56 1.35 -4.72	33.61 1.32 -5.41	35.97 1.28 -7.40	35.82 1.41 -6.18	39.13 1.55 -6.53	45.03 1.47 -17.38	52.52 1.73 -19.28	52.28 1.22 -26.56	45.80 1.09 -20.55	43.55 1.07 -18.22	35.35 0.99 -8.95	31.81 1.01 -6.81	30.14 1.06 -5.05
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	20.59 0.83 0.00	19.00 0.73 0.00	18.41 0.74 0.00	18.31 0.72 0.00	18.00 0.68 0.00	19.78 0.80 0.00	22.98 1.01 0.00	25.16 1.23 -0.29	26.37 1.30 -0.95	28.25 1.57 -0.51	31.03 1.33 -4.54	31.76 1.38 -3.90	32.72 1.37 -4.47	35.51 1.34 -6.89	35.07 1.50 -5.35	38.75 1.61 -6.09	43.14 1.52 -15.44	49.19 1.83 -15.85	47.65 1.32 -21.84	42.25 1.18 -16.89	40.38 1.14 -14.98	33.84 1.07 -7.36	30.65 1.06 -5.60	29.31 1.13 -4.15
SWANROAD_115KV_TB1 355699	20.12 0.36 0.00	18.31 0.04 0.00	17.39 -0.28 0.00	17.17 -0.42 0.00	17.14 -0.19 0.00	19.07 0.09 0.00	21.38 -0.59 0.00	22.60 -1.09 -0.05	23.17 -1.11 -0.16	25.23 -1.02 -0.09	25.01 -0.91 -0.75	26.13 -1.01 -0.65	26.63 -0.99 -0.74	27.56 -0.87 -1.14	28.07 -1.04 -0.89	30.91 -1.15 -1.01	28.12 -0.63 -2.56	33.31 -0.82 -2.62	27.69 -0.42 -3.61	26.43 -0.53 -2.79	26.23 -0.51 -2.48	25.97 -0.66 -1.22	24.34 -0.58 -0.93	24.43 -0.29 -0.69
SYNERGY___BIOGAS 323694	20.67 0.91 0.00	18.69 0.42 0.00	17.99 0.32 0.00	17.94 0.35 0.00	17.60 0.28 0.00	19.55 0.57 0.00	22.61 0.64 0.00	23.52 -0.16 -0.04	24.26 0.00 -0.14	26.27 0.03 -0.08	26.03 0.18 -0.69	27.13 0.05 -0.59	27.67 0.11 -0.68	28.66 0.33 -1.04	29.24 0.20 -0.81	32.19 0.22 -0.92	28.94 0.42 -2.34	34.38 0.47 -2.40	28.38 0.59 -3.31	27.26 0.53 -2.56	27.04 0.51 -2.27	26.99 0.46 -1.11	25.30 0.45 -0.85	25.28 0.62 -0.63
SYRACUSE___ENERGY_ST1 323597	20.02 0.26 0.00	18.44 0.16 0.00	17.72 0.05 0.00	17.63 0.04 0.00	17.41 0.09 0.00	19.21 0.23 0.00	22.10 0.13 0.00	23.58 -0.09 -0.03	24.10 -0.12 -0.10	26.16 -0.05 -0.05	25.66 0.03 -0.47	26.92 0.03 -0.41	27.40 0.05 -0.46	28.09 0.08 -0.72	28.84 0.06 -0.55	31.83 0.09 -0.69	27.92 0.13 -1.60	33.27 0.09 -1.67	26.86 0.12 -2.25	25.96 0.05 -1.74	25.92 0.12 -1.54	26.33 0.15 -0.76	24.64 0.07 -0.58	24.58 0.12 -0.43
SYRACUSE___ENERGY_ST2 323598	20.02 0.26 0.00	18.44 0.16 0.00	17.72 0.05 0.00	17.63 0.04 0.00	17.41 0.09 0.00	19.21 0.23 0.00	22.10 0.13 0.00	23.58 -0.09 -0.03	24.10 -0.12 -0.10	26.16 -0.05 -0.05	25.66 0.03 -0.47	26.92 0.03 -0.41	27.40 0.05 -0.46	28.09 0.08 -0.72	28.84 0.06 -0.55	31.83 0.09 -0.69	27.92 0.13 -1.60	33.27 0.09 -1.67	26.86 0.12 -2.25	25.96 0.05 -1.74	25.92 0.12 -1.54	26.33 0.15 -0.76	24.64 0.07 -0.58	24.58 0.12 -0.43
SYRACUSE___POWER 24017	19.98 0.22 0.00	18.38 0.11 0.00	17.69 0.02 0.00	17.59 0.00 0.00	17.38 0.05 0.00	19.15 0.17 0.00	22.06 0.09 0.00	23.55 -0.12 -0.03	24.08 -0.14 -0.10	26.14 -0.08 -0.06	25.63 -0.03 -0.49	26.89 -0.03 -0.42	27.34 -0.03 -0.49	28.04 0.00 -0.75	28.78 -0.03 -0.58	31.75 0.00 -0.70	27.91 0.05 -1.68	33.27 0.03 -1.73	26.94 0.10 -2.36	25.99 0.00 -1.82	25.95 0.07 -1.62	26.31 0.10 -0.79	24.62 0.02 -0.60	24.53 0.05 -0.45
TALLMAN__138KV_BK151 55660	20.65 0.89 0.00	19.08 0.80 0.00	18.50 0.83 0.00	18.40 0.81 0.00	18.09 0.76 0.00	19.85 0.87 0.00	23.11 1.14 0.00	25.33 1.39 -0.29	26.59 1.50 -0.97	28.45 1.75 -0.53	31.29 1.46 -4.67	32.03 1.54 -4.01	33.01 1.53 -4.59	35.87 1.50 -7.08	35.39 1.67 -5.49	39.14 1.83 -6.26	43.78 1.73 -15.87	49.88 2.08 -16.30	48.43 1.49 -22.45	42.86 1.33 -17.37	40.95 1.29 -15.40	34.17 1.19 -7.56	30.95 1.20 -5.76	29.55 1.25 -4.27
TEALLAVE_115KV_TB7 355573	19.92 0.16 0.00	18.35 0.07 0.00	17.65 -0.02 0.00	17.56 -0.04 0.00	17.33 0.00 0.00	19.11 0.13 0.00	21.99 0.02 0.00	23.45 -0.21 -0.02	23.98 -0.22 -0.08	26.05 -0.16 -0.04	25.46 -0.10 -0.40	26.70 -0.13 -0.34	27.14 -0.13 -0.39	27.78 -0.11 -0.60	28.55 -0.14 -0.47	31.45 -0.16 -0.56	27.48 -0.05 -1.35	32.79 -0.09 -1.38	26.37 0.00 -1.88	25.53 -0.10 -1.46	25.53 -0.02 -1.29	26.05 0.00 -0.63	24.40 -0.07 -0.48	24.37 -0.02 -0.36
TELGRAPH_34_KV_EAST 80808	20.52 0.75 0.00	18.68 0.40 0.00	17.72 0.05 0.00	17.52 -0.07 0.00	17.48 0.16 0.00	19.43 0.46 0.00	21.88 -0.09 0.00	23.19 -0.50 -0.04	23.76 -0.51 -0.15	25.90 -0.34 -0.08	25.65 -0.23 -0.71	26.81 -0.29 -0.61	27.32 -0.27 -0.70	28.29 -0.08 -1.08	28.84 -0.23 -0.84	31.76 -0.25 -0.96	28.69 0.08 -2.43	34.02 0.03 -2.48	28.15 0.24 -3.42	26.96 0.15 -2.64	26.75 0.15 -2.34	26.64 0.08 -1.15	24.94 0.07 -0.88	24.99 0.31 -0.65
TEMPLE___115KV_TB 2 55572	19.94 0.18 0.00	18.36 0.09 0.00	17.67 0.00 0.00	17.56 -0.04 0.00	17.34 0.02 0.00	19.11 0.13 0.00	22.01 0.04 0.00	23.48 -0.19 -0.03	23.98 -0.22 -0.08	26.08 -0.13 -0.05	25.49 -0.08 -0.40	26.73 -0.11 -0.35	27.17 -0.11 -0.40	27.82 -0.08 -0.61	28.59 -0.11 -0.47	31.49 -0.12 -0.57	27.53 -0.03 -1.37	32.85 -0.06 -1.41	26.40 0.00 -1.91	25.58 -0.07 -1.48	25.58 0.00 -1.31	26.09 0.03 -0.65	24.44 -0.05 -0.49	24.40 0.00 -0.36
TIANA____69_KV_BK 1 55817	29.31 2.27 -7.27	23.74 2.08 -3.38	21.56 2.21 -1.68	19.82 2.20 -0.03	21.23 2.15 -1.76	21.93 2.20 -0.75	26.90 2.88 -2.05	31.24 3.43 -4.17	38.02 3.62 -10.28	38.30 3.77 -8.37	43.76 3.40 -15.20	46.52 3.55 -16.49	46.51 3.52 -16.10	57.47 3.57 -26.60	49.01 3.84 -16.94	57.67 4.19 -22.43	63.21 3.77 -33.25	63.95 4.63 -27.81	74.32 3.60 -46.23	59.11 3.43 -31.51	58.71 3.40 -31.05	57.83 3.28 -29.13	39.95 3.45 -12.51	35.32 3.51 -7.78
TILDEN___115KV_TB1 80814	19.98 0.22 0.00	18.38 0.11 0.00	17.69 0.02 0.00	17.59 0.00 0.00	17.38 0.05 0.00	19.15 0.17 0.00	22.06 0.09 0.00	23.55 -0.12 -0.03	24.08 -0.14 -0.10	26.14 -0.08 -0.06	25.63 -0.03 -0.49	26.89 -0.03 -0.42	27.34 -0.03 -0.49	28.04 0.00 -0.75	28.78 -0.03 -0.58	31.75 0.00 -0.70	27.91 0.05 -1.68	33.27 0.03 -1.73	26.94 0.10 -2.36	25.99 0.00 -1.82	25.95 0.07 -1.62	26.31 0.10 -0.79	24.62 0.02 -0.60	24.53 0.05 -0.45
TRIGEN___CC 323695	28.31 1.28 -7.26	22.84 1.19 -3.38	20.60 1.25 -1.67	18.85 1.23 -0.02	20.27 1.20 -1.75	20.99 1.27 -0.74	25.68 1.67 -2.04	29.80 1.99 -4.17	31.27 2.07 -5.08	31.62 2.30 -3.15	42.31 1.96 -15.18	45.00 2.04 -16.47	45.03 2.04 -16.10	46.94 2.02 -17.63	36.34 2.31 -5.79	40.27 2.52 -6.70	49.69 2.28 -21.23	51.29 2.68 -17.10	50.24 2.03 -23.71	44.22 1.86 -18.19	42.28 1.87 -16.15	36.10 1.68 -9.01	31.86 1.82 -6.04	33.63 1.83 -7.77
TRINITY__115KV__ 4 BK 55933	20.28 0.51 0.00	18.73 0.46 0.00	18.20 0.53 0.00	18.12 0.53 0.00	17.81 0.49 0.00	19.51 0.53 0.00	21.52 0.68 1.13	19.74 0.87 4.78	20.52 0.87 4.47	21.54 0.92 5.54	35.96 0.98 -9.82	35.92 1.01 -8.43	37.50 0.97 -9.65	36.23 0.96 -7.99	38.69 1.04 -9.42	39.13 1.12 -6.96	50.88 0.94 -23.75	67.50 1.20 -34.80	73.31 0.88 -47.94	62.05 0.80 -37.08	57.95 0.80 -32.89	42.43 0.86 -16.15	37.16 0.86 -12.30	34.11 0.96 -9.12

UNION___PROCESSING_DRP 323587	20.32 0.55 0.00	18.58 0.31 0.00	17.76 0.09 0.00	17.59 0.00 0.00	17.48 0.16 0.00	19.32 0.34 0.00	22.03 0.07 0.00	23.44 -0.24 -0.04	24.00 -0.24 -0.12	26.07 -0.16 -0.07	25.72 -0.03 -0.59	26.89 -0.11 -0.51	27.41 -0.05 -0.58	28.26 0.08 -0.89	28.95 0.03 -0.69	31.90 0.06 -0.79	28.36 0.18 -1.99	33.76 0.22 -2.04	27.62 0.32 -2.81	26.61 0.27 -2.17	26.45 0.27 -1.93	26.59 0.23 -0.95	24.90 0.19 -0.72	24.85 0.29 -0.53
UPPER HUDSON___HYD 24058	20.99 1.23 0.00	19.33 1.06 0.00	18.68 1.01 0.00	18.58 0.98 0.00	18.30 0.97 0.00	20.19 1.22 0.00	24.14 1.41 -0.76	29.76 1.54 -4.58	33.25 1.66 -7.47	34.22 1.88 -6.17	41.36 1.48 -14.72	40.72 1.59 -12.64	43.06 1.69 -14.49	56.07 1.77 -27.01	48.56 1.55 -18.78	56.74 1.74 -23.95	84.33 1.57 -56.58	83.07 1.79 -49.77	94.74 1.69 -68.56	79.04 1.84 -53.04	73.19 1.89 -47.03	50.42 1.91 -23.09	43.31 1.73 -17.59	38.77 1.71 -13.04
UPPER RAQUET___HYD 24056	19.37 -0.40 0.00	17.96 -0.31 0.00	17.42 -0.25 0.00	17.36 -0.23 0.00	17.07 -0.26 0.00	18.64 -0.34 0.00	21.51 -0.46 0.00	23.22 -0.42 0.00	23.61 -0.51 0.00	25.51 -0.65 0.00	24.56 -0.60 0.00	25.90 -0.58 0.00	26.35 -0.54 0.00	26.74 -0.55 0.00	27.61 -0.62 0.00	30.32 -0.75 -0.01	25.13 -1.05 0.00	30.21 -1.29 0.00	23.44 -1.05 0.00	23.39 -0.77 0.00	23.44 -0.82 0.00	24.78 -0.63 0.00	23.49 -0.50 0.00	23.41 -0.62 0.00
VALLEY44_115KV_TB2 355964	20.28 0.51 0.00	18.49 0.22 0.00	17.62 -0.05 0.00	17.43 -0.16 0.00	17.36 0.03 0.00	19.28 0.30 0.00	21.92 -0.04 0.00	23.37 -0.33 -0.06	24.00 -0.31 -0.20	26.06 -0.21 -0.11	25.85 -0.25 -0.94	27.03 -0.26 -0.81	27.51 -0.30 -0.92	28.60 -0.11 -1.42	29.05 -0.28 -1.10	31.97 -0.34 -1.26	29.48 0.10 -3.19	34.90 0.13 -3.27	29.23 0.24 -4.50	27.74 0.10 -3.48	27.49 0.15 -3.09	27.01 0.08 -1.51	25.10 -0.05 -1.15	25.13 0.24 -0.86
VALLEY___115KV_TB 1-4 80826	19.59 -0.18 0.00	18.09 -0.18 0.00	17.37 -0.30 0.00	17.29 -0.30 0.00	17.03 -0.29 0.00	18.81 -0.17 0.00	21.68 -0.29 0.00	23.29 -0.35 0.00	23.78 -0.34 0.00	26.01 -0.16 0.00	25.06 -0.10 0.00	26.38 -0.11 0.00	26.83 -0.05 0.00	27.23 -0.05 0.00	28.17 -0.06 0.00	30.96 -0.09 0.00	26.18 0.00 0.00	31.28 -0.22 0.00	24.32 -0.17 0.00	23.98 -0.19 0.00	24.07 -0.19 0.00	25.21 -0.20 0.00	23.78 -0.22 0.00	23.84 -0.19 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	20.95 1.19 0.00	19.28 1.01 0.00	18.64 0.97 0.00	18.58 0.99 0.00	18.31 0.99 0.00	20.14 1.16 0.00	23.40 1.43 0.00	25.28 1.42 -0.22	26.33 1.47 -0.74	28.21 1.65 -0.40	30.29 1.59 -3.54	31.23 1.70 -3.04	32.09 1.72 -3.49	34.41 1.75 -5.38	34.21 1.81 -4.17	37.74 1.93 -4.77	39.93 1.70 -12.05	45.88 2.08 -12.30	43.04 1.62 -16.94	38.81 1.55 -13.10	37.60 1.72 -11.62	32.82 1.70 -5.70	29.94 1.61 -4.34	28.89 1.63 -3.22
VISCHER___FERRY HYD 24020	20.75 0.99 0.00	19.13 0.86 0.00	18.50 0.83 0.00	18.42 0.83 0.00	18.14 0.81 0.00	19.97 0.99 0.00	25.36 1.19 -2.20	36.31 1.28 -11.39	41.00 1.35 -15.53	42.16 1.46 -14.53	40.09 1.43 -13.49	39.56 1.48 -11.59	41.70 1.53 -13.28	62.80 1.55 -33.96	49.90 1.61 -20.07	63.02 1.74 -30.23	92.34 1.47 -64.69	77.18 1.70 -43.98	86.40 1.32 -60.59	72.31 1.28 -46.86	67.11 1.28 -41.56	47.17 1.35 -20.40	40.83 1.29 -15.54	36.87 1.32 -11.52
V_A_10_SYNC_DSASP 323832	20.14 0.38 0.00	18.36 0.09 0.00	17.50 -0.18 0.00	17.31 -0.28 0.00	17.24 -0.09 0.00	19.13 0.15 0.00	21.68 -0.29 0.00	23.00 -0.69 -0.04	23.56 -0.70 -0.14	25.61 -0.63 -0.08	25.30 -0.53 -0.67	26.45 -0.61 -0.57	26.95 -0.59 -0.66	27.86 -0.44 -1.01	28.39 -0.62 -0.78	31.35 -0.59 -0.89	28.16 -0.29 -2.27	33.45 -0.38 -2.32	27.59 -0.10 -3.19	26.44 -0.19 -2.47	26.28 -0.17 -2.19	26.21 -0.28 -1.08	24.55 -0.26 -0.82	24.59 -0.05 -0.61
V_CMM_10_SYNC_DSASP 323787	19.27 -0.49 0.00	17.91 -0.37 0.00	17.35 -0.32 0.00	17.28 -0.32 0.00	17.00 -0.33 0.00	18.52 -0.46 0.00	21.48 -0.48 0.00	23.36 -0.28 0.00	23.78 -0.34 0.00	25.69 -0.47 0.00	24.71 -0.45 0.00	26.04 -0.45 0.00	26.45 -0.43 0.00	26.85 -0.44 0.00	27.75 -0.48 0.00	30.52 -0.53 0.00	25.53 -0.65 0.00	30.69 -0.82 0.00	23.83 -0.66 0.00	23.69 -0.48 0.00	23.70 -0.56 0.00	24.91 -0.51 0.00	23.54 -0.46 0.00	23.48 -0.55 0.00
V_CMP_10_SYNC_DSASP 323788	19.76 0.00 0.00	18.40 0.13 0.00	17.92 0.25 0.00	17.87 0.28 0.00	17.60 0.28 0.00	19.28 0.30 0.00	22.45 0.48 0.00	24.49 0.85 0.00	24.84 0.72 0.00	26.77 0.60 0.00	25.76 0.60 0.00	27.17 0.69 0.00	27.63 0.75 0.00	28.08 0.79 0.00	28.90 0.68 0.00	31.86 0.81 0.00	26.00 -0.18 0.00	31.25 -0.25 0.00	24.34 -0.15 0.00	24.36 0.19 0.00	24.29 0.02 0.00	25.90 0.48 0.00	24.37 0.38 0.00	24.30 0.26 0.00
V_E_10_SYNC_DSASP 323830	21.62 1.86 0.00	19.66 1.39 0.00	18.96 1.29 0.00	18.88 1.28 0.00	18.64 1.32 0.00	20.57 1.59 0.00	23.86 1.89 0.00	25.35 1.58 -0.13	26.15 1.62 -0.41	28.17 1.78 -0.23	28.94 1.79 -1.99	30.18 1.99 -1.71	30.96 2.12 -1.96	32.60 2.29 -3.02	32.85 2.29 -2.34	36.29 2.55 -2.69	35.20 2.25 -6.76	41.08 2.65 -6.93	36.27 2.25 -9.53	33.76 2.22 -7.37	33.22 2.43 -6.54	31.17 2.54 -3.21	28.72 2.28 -2.44	28.10 2.26 -1.81
V_F_30_NSYNC___DSASP 323816	21.05 1.28 0.00	19.39 1.11 0.00	18.75 1.08 0.00	18.65 1.06 0.00	18.37 1.04 0.00	20.23 1.25 0.00	24.39 1.47 -0.95	30.71 1.58 -5.48	34.32 1.66 -8.54	35.30 1.86 -7.28	41.40 1.66 -14.58	40.78 1.77 -12.52	43.06 1.83 -14.35	57.15 1.91 -27.95	49.09 1.89 -18.97	57.93 2.08 -24.80	85.72 1.83 -57.71	82.72 2.14 -49.07	93.83 1.74 -67.60	78.20 1.74 -52.29	72.40 1.77 -46.37	50.02 1.83 -22.77	43.04 1.70 -17.34	38.59 1.71 -12.85
V_F_30_SYNC_DSASP 323786	20.36 0.59 0.00	18.79 0.51 0.00	18.24 0.57 0.00	18.17 0.58 0.00	17.86 0.54 0.00	19.59 0.61 0.00	21.74 0.75 0.98	20.58 0.95 4.00	21.67 0.94 3.39	22.67 1.05 4.55	37.15 1.08 -10.90	36.97 1.11 -9.37	38.68 1.08 -10.72	38.93 1.09 -10.55	40.39 1.19 -10.98	41.56 1.27 -9.24	55.97 1.07 -28.72	71.22 1.32 -38.39	78.36 0.98 -52.89	66.00 0.92 -40.91	61.46 0.92 -36.28	44.20 0.97 -17.81	38.50 0.94 -13.57	35.12 1.03 -10.06
V_XM_10_SYNC_DSASP 323789	19.76 0.00 0.00	18.40 0.13 0.00	17.92 0.25 0.00	17.87 0.28 0.00	17.60 0.28 0.00	19.28 0.30 0.00	22.45 0.48 0.00	24.49 0.85 0.00	24.84 0.72 0.00	26.77 0.60 0.00	25.76 0.60 0.00	27.17 0.69 0.00	27.63 0.75 0.00	28.08 0.79 0.00	28.90 0.68 0.00	31.86 0.81 0.00	26.00 -0.18 0.00	31.25 -0.25 0.00	24.34 -0.15 0.00	24.36 0.19 0.00	24.29 0.02 0.00	25.90 0.48 0.00	24.37 0.38 0.00	24.30 0.26 0.00
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	20.73 0.97 0.00	19.15 0.88 0.00	18.56 0.88 0.00	18.46 0.86 0.00	18.16 0.83 0.00	19.91 0.93 0.00	23.18 1.21 0.00	25.40 1.47 -0.30	26.66 1.57 -0.98	28.55 1.86 -0.53	31.42 1.56 -4.69	32.14 1.62 -4.03	33.11 1.61 -4.62	36.02 1.61 -7.12	35.50 1.75 -5.53	39.27 1.93 -6.30	43.95 1.81 -15.96	50.10 2.21 -16.39	48.67 1.59 -22.59	43.06 1.43 -17.47	41.14 1.38 -15.49	34.29 1.27 -7.61	31.06 1.27 -5.79	29.67 1.35 -4.29

W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	20.83 1.07 0.00	19.26 0.99 0.00	18.70 1.02 0.00	18.58 0.99 0.00	18.28 0.95 0.00	20.02 1.04 0.00	23.35 1.38 0.00	25.65 1.70 -0.31	26.96 1.83 -1.01	28.91 2.20 -0.55	31.76 1.74 -4.87	32.50 1.83 -4.18	33.47 1.80 -4.79	36.47 1.80 -7.38	35.99 2.03 -5.73	39.75 2.17 -6.53	44.83 2.09 -16.55	50.99 2.49 -17.00	49.69 1.79 -23.41	43.85 1.57 -18.11	41.83 1.50 -16.06	34.65 1.35 -7.89	31.37 1.37 -6.01	29.95 1.47 -4.45
W50THST__13_KV_LOAD 356117	20.91 1.15 0.00	19.33 1.06 0.00	18.79 1.11 0.00	18.67 1.07 0.00	18.37 1.04 0.00	20.12 1.14 0.00	23.46 1.49 0.00	25.79 1.84 -0.31	27.11 1.98 -1.01	29.07 2.35 -0.55	31.91 1.89 -4.87	32.65 1.99 -4.18	33.66 1.99 -4.79	36.66 1.99 -7.38	36.16 2.20 -5.73	39.97 2.39 -6.53	45.01 2.28 -16.55	51.21 2.71 -17.00	49.84 1.93 -23.41	44.00 1.72 -18.11	41.95 1.63 -16.06	34.78 1.47 -7.89	31.49 1.49 -6.01	30.07 1.59 -4.45
WADING RIVER_IC_1 23522	29.29 2.25 -7.27	23.87 2.21 -3.38	21.58 2.23 -1.68	19.68 2.06 -0.03	21.09 2.01 -1.76	22.10 2.37 -0.75	26.76 2.75 -2.05	30.89 3.07 -4.17	37.40 3.01 -10.27	37.97 3.45 -8.36	43.43 3.07 -15.20	46.21 3.23 -16.49	46.13 3.14 -16.10	57.06 3.19 -26.58	48.61 3.47 -16.91	57.23 3.79 -22.39	62.81 3.40 -33.22	63.48 4.19 -27.79	73.90 3.23 -46.17	58.76 3.12 -31.47	58.46 3.18 -31.02	57.55 3.05 -29.08	39.58 3.10 -12.49	35.01 3.20 -7.78
WADING RIVER_IC_2 23547	29.29 2.25 -7.27	23.87 2.21 -3.38	21.58 2.23 -1.68	19.68 2.06 -0.03	21.09 2.01 -1.76	22.10 2.37 -0.75	26.76 2.75 -2.05	30.89 3.07 -4.17	37.40 3.01 -10.27	37.97 3.45 -8.36	43.43 3.07 -15.20	46.21 3.23 -16.49	46.13 3.14 -16.10	57.06 3.19 -26.58	48.61 3.47 -16.91	57.23 3.79 -22.39	62.81 3.40 -33.22	63.48 4.19 -27.79	73.90 3.23 -46.17	58.76 3.12 -31.47	58.46 3.18 -31.02	57.55 3.05 -29.08	39.58 3.10 -12.49	35.01 3.20 -7.78
WADING RIVER_IC_3 23601	29.29 2.25 -7.27	23.87 2.21 -3.38	21.58 2.23 -1.68	19.68 2.06 -0.03	21.09 2.01 -1.76	22.10 2.37 -0.75	26.76 2.75 -2.05	30.89 3.07 -4.17	37.40 3.01 -10.27	37.97 3.45 -8.36	43.43 3.07 -15.20	46.21 3.23 -16.49	46.13 3.14 -16.10	57.06 3.19 -26.58	48.61 3.47 -16.91	57.23 3.79 -22.39	62.81 3.40 -33.22	63.48 4.19 -27.79	73.90 3.23 -46.17	58.76 3.12 -31.47	58.46 3.18 -31.02	57.55 3.05 -29.08	39.58 3.10 -12.49	35.01 3.20 -7.78
WALDENNY_12_KV_BK2 80841	20.56 0.79 0.00	18.71 0.44 0.00	17.76 0.09 0.00	17.56 -0.04 0.00	17.52 0.19 0.00	19.47 0.49 0.00	21.97 0.00 0.00	23.34 -0.35 -0.05	23.95 -0.34 -0.17	26.13 -0.13 -0.09	25.91 -0.08 -0.82	27.11 -0.08 -0.71	27.61 -0.08 -0.81	28.67 0.14 -1.25	29.11 -0.08 -0.97	32.12 -0.03 -1.10	29.32 0.34 -2.80	34.65 0.28 -2.86	28.87 0.44 -3.94	27.46 0.24 -3.05	27.23 0.27 -2.70	26.92 0.18 -1.33	25.15 0.14 -1.01	25.19 0.41 -0.75
WALDEN__HYDRO 24148	20.89 1.13 0.00	19.28 1.00 0.00	18.64 0.97 0.00	18.51 0.91 0.00	18.21 0.88 0.00	20.04 1.06 0.00	23.26 1.30 0.00	25.34 1.39 -0.30	26.61 1.50 -0.99	28.46 1.75 -0.54	31.41 1.48 -4.77	32.12 1.54 -4.10	33.08 1.50 -4.69	35.99 1.47 -7.23	35.45 1.61 -5.61	39.25 1.80 -6.40	44.07 1.68 -16.21	50.21 2.05 -16.66	48.96 1.52 -22.95	43.35 1.43 -17.75	41.41 1.41 -15.74	34.47 1.32 -7.73	31.20 1.32 -5.89	29.76 1.37 -4.36
WARRENSBURG____ 23737	20.99 1.23 0.00	19.33 1.06 0.00	18.68 1.01 0.00	18.58 0.98 0.00	18.30 0.97 0.00	20.19 1.22 0.00	24.14 1.41 -0.76	29.76 1.54 -4.58	33.25 1.66 -7.47	34.22 1.88 -6.17	41.36 1.48 -14.72	40.72 1.59 -12.64	43.06 1.69 -14.49	56.07 1.77 -27.01	48.56 1.55 -18.78	56.74 1.74 -23.95	84.33 1.57 -56.58	83.07 1.79 -49.77	94.74 1.69 -68.56	79.04 1.84 -53.04	73.19 1.89 -47.03	50.42 1.91 -23.09	43.31 1.73 -17.59	38.77 1.71 -13.04
WATERSIDE____6 8 9 23538	20.87 1.11 0.00	19.28 1.01 0.00	18.75 1.08 0.00	18.63 1.04 0.00	18.31 0.99 0.00	20.02 1.04 0.00	23.31 1.34 0.00	25.60 1.65 -0.31	26.92 1.78 -1.01	28.83 2.12 -0.55	31.71 1.69 -4.87	32.44 1.77 -4.18	33.45 1.77 -4.79	36.47 1.80 -7.38	35.99 2.03 -5.73	39.78 2.20 -6.53	44.85 2.12 -16.55	51.05 2.55 -17.00	49.72 1.81 -23.41	43.85 1.57 -18.11	41.80 1.48 -16.06	34.57 1.27 -7.89	31.37 1.37 -6.01	30.04 1.56 -4.45
WATKINRD_115KV_LN8_ILLION 55919	19.73 -0.04 0.00	18.22 -0.05 0.00	17.53 -0.14 0.00	17.45 -0.14 0.00	17.19 -0.14 0.00	18.94 -0.04 0.00	21.84 -0.13 0.00	23.45 -0.19 0.00	23.95 -0.17 0.00	26.11 -0.05 0.00	25.14 -0.03 0.00	26.46 -0.03 0.00	26.88 0.00 0.00	27.29 0.00 0.00	28.23 0.00 0.00	31.02 -0.03 0.00	26.21 0.03 0.00	31.44 -0.06 0.00	24.44 -0.05 0.00	24.10 -0.07 0.00	24.21 -0.05 0.00	25.34 -0.08 0.00	23.92 -0.07 0.00	23.96 -0.07 0.00
WATSON____69_KV_BK 1 55734	29.07 2.04 -7.27	23.52 1.86 -3.38	21.27 1.93 -1.68	19.54 1.92 -0.03	20.97 1.89 -1.76	21.70 1.97 -0.75	26.57 2.55 -2.05	30.82 3.00 -4.17	34.99 3.14 -7.74	35.36 3.38 -5.82	43.37 3.02 -15.19	46.15 3.18 -16.48	46.13 3.15 -16.10	52.67 3.17 -22.21	43.19 3.47 -11.49	49.58 3.79 -14.74	56.96 3.40 -27.37	58.17 4.10 -22.57	62.89 3.18 -35.22	52.14 2.97 -24.99	50.99 2.96 -23.77	47.53 2.82 -19.29	36.22 2.88 -9.34	34.77 2.96 -7.78
WDELAWARE__HYD 323627	20.40 0.63 0.00	18.90 0.62 0.00	18.27 0.60 0.00	18.14 0.55 0.00	17.85 0.52 0.00	19.64 0.66 0.00	22.80 0.83 0.00	24.81 0.88 -0.29	25.92 0.84 -0.96	27.70 1.02 -0.52	30.58 0.83 -4.59	31.25 0.82 -3.95	32.24 0.83 -4.52	35.05 0.79 -6.97	33.75 0.11 -5.41	37.37 0.16 -6.16	42.33 0.52 -15.62	48.50 0.91 -16.08	47.30 0.66 -22.15	41.86 0.56 -17.13	40.57 1.12 -15.19	33.92 1.04 -7.46	30.71 1.03 -5.68	29.32 1.08 -4.21
WEST BABYLON__IC 23714	28.91 1.88 -7.27	23.35 1.70 -3.38	21.13 1.78 -1.68	19.38 1.76 -0.03	20.80 1.72 -1.76	21.55 1.82 -0.75	26.37 2.35 -2.05	30.56 2.74 -4.17	32.79 2.87 -5.80	33.16 3.11 -3.88	43.12 2.77 -15.19	45.85 2.89 -16.48	45.86 2.88 -16.10	49.05 2.89 -18.87	38.75 3.19 -7.33	43.43 3.51 -8.87	52.21 3.14 -22.89	53.83 3.75 -18.57	54.22 2.91 -26.82	46.93 2.73 -20.03	45.19 2.72 -18.21	39.77 2.57 -11.79	33.59 2.66 -6.93	34.50 2.69 -7.78
WEST CANADA__HYD 24049	19.86 0.10 0.00	18.33 0.05 0.00	17.72 0.05 0.00	17.65 0.05 0.00	17.38 0.05 0.00	19.06 0.08 0.00	22.03 0.07 0.00	23.69 0.05 0.00	24.19 0.07 0.00	26.27 0.11 0.00	25.26 0.10 0.00	26.59 0.11 0.00	26.99 0.11 0.00	27.40 0.11 0.00	28.34 0.11 0.00	31.17 0.12 0.00	26.31 0.13 0.00	31.63 0.13 0.00	24.59 0.10 0.00	24.24 0.07 0.00	24.36 0.10 0.00	25.49 0.08 0.00	24.06 0.07 0.00	24.13 0.10 0.00
WESTERN_NY_WIND 24143	20.65 0.89 0.00	18.68 0.40 0.00	17.97 0.30 0.00	17.93 0.33 0.00	17.59 0.26 0.00	19.53 0.55 0.00	22.58 0.61 0.00	23.47 -0.21 -0.04	24.22 -0.05 -0.15	26.24 0.00 -0.08	25.99 0.13 -0.70	27.11 0.03 -0.60	27.65 0.08 -0.69	28.62 0.27 -1.06	29.22 0.17 -0.82	32.14 0.16 -0.94	28.92 0.37 -2.37	34.38 0.44 -2.43	28.41 0.56 -3.35	27.25 0.48 -2.59	27.05 0.49 -2.30	26.98 0.43 -1.13	25.26 0.41 -0.86	25.27 0.60 -0.64

WESTOVER___LESR 323668	20.32 0.55 0.00	18.66 0.38 0.00	17.94 0.27 0.00	17.82 0.23 0.00	17.62 0.29 0.00	19.45 0.47 0.00	22.39 0.42 0.00	24.03 0.28 -0.11	24.76 0.29 -0.36	26.75 0.39 -0.19	27.25 0.38 -1.71	28.38 0.42 -1.47	29.00 0.43 -1.68	30.38 0.49 -2.60	30.72 0.48 -2.02	33.89 0.53 -2.32	32.55 0.55 -5.82	38.14 0.66 -5.97	33.27 0.56 -8.21	30.98 0.46 -6.35	30.43 0.53 -5.63	28.74 0.56 -2.77	26.56 0.46 -2.11	26.15 0.55 -1.56
WETHRSFD_WT_PWR 323626	20.42 0.65 0.00	18.49 0.22 0.00	17.80 0.12 0.00	17.75 0.16 0.00	17.45 0.12 0.00	19.36 0.38 0.00	22.45 0.48 0.00	23.42 -0.28 -0.06	24.15 -0.17 -0.19	26.17 -0.10 -0.11	26.02 -0.08 -0.94	27.21 -0.08 -0.80	27.72 -0.08 -0.92	28.82 0.11 -1.42	29.27 -0.06 -1.10	32.27 -0.03 -1.26	29.63 0.26 -3.18	35.05 0.28 -3.26	29.40 0.42 -4.50	27.89 0.24 -3.48	27.66 0.31 -3.08	27.19 0.25 -1.51	25.34 0.19 -1.15	25.32 0.43 -0.86
WHAVSTOR_138KV_BK127 55557	20.65 0.89 0.00	19.08 0.80 0.00	18.50 0.83 0.00	18.40 0.81 0.00	18.09 0.76 0.00	19.85 0.87 0.00	23.09 1.12 0.00	25.31 1.37 -0.30	26.57 1.47 -0.98	28.45 1.75 -0.53	31.32 1.46 -4.70	32.03 1.51 -4.04	33.01 1.51 -4.62	35.92 1.50 -7.13	35.40 1.64 -5.53	39.16 1.80 -6.31	43.87 1.70 -15.98	50.00 2.08 -16.41	48.60 1.49 -22.61	42.99 1.33 -17.49	41.06 1.29 -15.51	34.20 1.17 -7.62	30.97 1.18 -5.80	29.58 1.25 -4.30
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	20.65 0.89 0.00	19.08 0.80 0.00	18.50 0.83 0.00	18.40 0.81 0.00	18.09 0.76 0.00	19.85 0.87 0.00	23.09 1.12 0.00	25.31 1.37 -0.30	26.57 1.47 -0.98	28.45 1.75 -0.53	31.32 1.46 -4.70	32.03 1.51 -4.04	33.01 1.51 -4.62	35.92 1.50 -7.13	35.40 1.64 -5.53	39.16 1.80 -6.31	43.87 1.70 -15.98	50.00 2.08 -16.41	48.60 1.49 -22.61	42.99 1.33 -17.49	41.06 1.29 -15.51	34.20 1.17 -7.62	30.97 1.18 -5.80	29.58 1.25 -4.30
WHITEHAL_115KV_TB1 80871	21.50 1.74 0.00	19.75 1.48 0.00	19.14 1.47 0.00	19.05 1.46 0.00	18.73 1.40 0.00	20.67 1.69 0.00	24.85 2.04 -0.84	30.91 2.32 -4.95	34.49 2.46 -7.92	35.57 2.77 -6.63	42.11 2.29 -14.66	41.57 2.49 -12.59	43.92 2.61 -14.43	57.44 2.76 -27.40	49.66 2.57 -18.86	58.21 2.86 -24.31	85.79 2.57 -57.05	84.01 3.02 -49.48	95.32 2.67 -68.16	79.65 2.76 -52.73	73.88 2.86 -46.76	51.25 2.87 -22.96	44.07 2.59 -17.49	39.52 2.52 -12.96
WHITEPLN_13_KV_LOAD 356215	20.93 1.17 0.00	19.32 1.04 0.00	18.70 1.02 0.00	18.60 1.00 0.00	18.30 0.97 0.00	20.12 1.14 0.00	23.35 1.38 0.00	25.62 1.68 -0.31	26.91 1.78 -1.01	28.91 2.20 -0.55	31.90 1.89 -4.86	32.67 2.01 -4.17	33.70 2.04 -4.78	36.70 2.05 -7.37	36.18 2.23 -5.72	40.02 2.45 -6.52	45.05 2.36 -16.52	51.05 2.58 -16.96	49.74 1.89 -23.36	43.91 1.67 -18.07	41.91 1.63 -16.03	34.73 1.45 -7.87	31.45 1.46 -5.99	30.01 1.54 -4.44
WM_FLOYD_69_KV_BK2 356380	29.07 2.04 -7.27	23.50 1.85 -3.38	21.31 1.96 -1.68	19.57 1.95 -0.03	20.99 1.91 -1.76	21.70 1.97 -0.75	26.61 2.59 -2.05	30.89 3.07 -4.17	37.68 3.21 -10.35	38.01 3.40 -8.44	43.38 3.02 -15.20	46.10 3.13 -16.49	46.05 3.06 -16.10	57.13 3.11 -26.73	48.69 3.36 -17.10	57.40 3.69 -22.65	62.93 3.33 -33.43	63.50 4.03 -27.97	74.17 3.13 -46.55	58.86 3.00 -31.70	58.49 2.96 -31.27	57.63 2.80 -29.42	39.54 2.95 -12.60	34.84 3.03 -7.78
WOODARD__115KV_TB2 355635	19.88 0.12 0.00	18.31 0.04 0.00	17.62 -0.05 0.00	17.51 -0.09 0.00	17.29 -0.03 0.00	19.07 0.09 0.00	21.95 -0.02 0.00	23.41 -0.26 -0.03	23.91 -0.29 -0.08	25.97 -0.24 -0.05	25.39 -0.18 -0.40	26.65 -0.19 -0.35	27.09 -0.19 -0.40	27.74 -0.16 -0.61	28.50 -0.20 -0.47	31.44 -0.19 -0.57	27.45 -0.10 -1.37	32.76 -0.16 -1.41	26.33 -0.07 -1.91	25.50 -0.15 -1.48	25.50 -0.07 -1.31	26.01 -0.05 -0.64	24.36 -0.12 -0.49	24.30 -0.10 -0.36
YORK___WARBASSE 23770	20.95 1.19 0.00	19.37 1.10 0.00	18.82 1.15 0.00	18.68 1.09 0.00	18.38 1.06 0.00	20.04 1.06 0.00	23.33 1.36 0.00	25.63 1.68 -0.31	26.94 1.81 -1.01	28.91 2.20 -0.55	31.76 1.74 -4.87	32.55 1.88 -4.18	33.58 1.91 -4.79	36.61 1.94 -7.38	36.13 2.17 -5.73	40.00 2.42 -6.53	45.04 2.30 -16.55	51.24 2.74 -17.00	49.86 1.96 -23.41	43.97 1.69 -18.11	41.90 1.58 -16.06	34.68 1.37 -7.89	31.46 1.46 -6.01	30.22 1.73 -4.46