

Day Ahead Market Generator LBMP

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

Generator Data

09/12/2023

Name	00:00	01:00	02:00	03:00	04:00	05:00	06:00	07:00	08:00	09:00	10:00	11:00	12:00	13:00	14:00	15:00	16:00	17:00	18:00	19:00	20:00	21:00	22:00	23:00
PTID	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT
59TH STREET_GT_1	28.55	27.23	24.28	24.31	23.72	25.82	29.23	31.21	31.31	32.50	31.39	31.83	34.73	34.87	39.09	41.04	48.81	51.58	47.31	46.11	36.99	33.15	30.46	29.70
24138	1.94	1.88	1.74	1.61	1.66	1.62	1.78	2.47	2.53	2.58	2.56	2.49	2.64	2.72	2.64	2.67	3.19	3.21	3.07	2.63	2.33	2.15	2.14	1.98
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.72	-2.41	0.00	0.00	-2.05	-0.59	-5.41	-6.53	-11.31	-12.71	-9.34	-9.78	-2.70	-2.71	-1.60	-2.72
74TH STREET_GT_1	28.34	27.15	24.13	24.17	23.63	25.69	29.01	31.10	31.23	32.39	31.31	31.74	34.61	34.78	38.97	40.91	48.67	51.43	47.21	46.01	36.93	33.10	30.41	29.67
24260	1.73	1.80	1.58	1.48	1.57	1.50	1.56	2.36	2.44	2.48	2.48	2.41	2.52	2.62	2.51	2.55	3.05	3.07	2.97	2.53	2.27	2.09	2.08	1.95
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.72	-2.41	0.00	0.00	-2.05	-0.59	-5.41	-6.53	-11.31	-12.71	-9.34	-9.78	-2.70	-2.71	-1.60	-2.72
74TH STREET_GT_2	28.34	27.15	24.13	24.17	23.63	25.69	29.01	31.10	31.23	32.39	31.31	31.74	34.61	34.78	38.97	40.91	48.67	51.43	47.21	46.01	36.93	33.10	30.41	29.67
24261	1.73	1.80	1.58	1.48	1.57	1.50	1.56	2.36	2.44	2.48	2.48	2.41	2.52	2.62	2.51	2.55	3.05	3.07	2.97	2.53	2.27	2.09	2.08	1.95
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.72	-2.41	0.00	0.00	-2.05	-0.59	-5.41	-6.53	-11.31	-12.71	-9.34	-9.78	-2.70	-2.71	-1.60	-2.72
ADK HUDSON___FALLS	28.21	26.87	23.90	23.99	23.41	25.72	29.20	30.69	31.05	32.37	30.90	31.42	34.10	34.61	38.91	40.67	48.02	51.20	48.56	48.14	41.90	33.34	30.39	30.42
24011	1.60	1.52	1.35	1.29	1.35	1.52	1.76	1.95	2.05	1.90	2.08	2.08	2.19	2.27	2.27	2.26	2.33	2.60	2.65	2.63	2.56	2.18	1.90	1.95
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.93	-2.96	0.00	0.00	-1.86	-0.77	-5.60	-6.57	-11.38	-12.94	-11.01	-11.81	-7.39	-2.86	-1.77	-3.47
ADK RESOURCE___RCVRY	28.45	27.08	24.08	24.19	23.58	25.91	29.51	30.98	31.33	32.62	31.19	31.75	34.43	34.96	39.26	41.06	48.31	51.51	48.85	48.45	42.20	33.60	30.61	30.63
23798	1.83	1.72	1.53	1.50	1.52	1.72	2.06	2.24	2.33	2.15	2.36	2.41	2.52	2.62	2.61	2.64	2.61	2.89	2.93	2.93	2.84	2.43	2.11	2.15
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.94	-2.96	0.00	0.00	-1.87	-0.77	-5.61	-6.58	-11.40	-12.97	-11.02	-11.82	-7.40	-2.87	-1.77	-3.47
ADK S GLENS___FALLS	28.21	26.87	23.90	23.99	23.41	25.72	29.20	30.69	31.05	32.37	30.90	31.42	34.10	34.61	38.91	40.67	48.02	51.20	48.56	48.14	41.90	33.34	30.39	30.42
24028	1.60	1.52	1.35	1.29	1.35	1.52	1.76	1.95	2.05	1.90	2.08	2.08	2.19	2.27	2.27	2.26	2.33	2.60	2.65	2.63	2.56	2.18	1.90	1.95
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.93	-2.96	0.00	0.00	-1.86	-0.77	-5.60	-6.57	-11.38	-12.94	-11.01	-11.81	-7.39	-2.86	-1.77	-3.47
ADK_NYS___DAM	27.94	26.64	23.72	23.79	23.19	25.40	28.87	30.41	30.66	31.90	30.50	30.95	33.16	34.12	37.53	39.04	45.69	48.58	47.12	46.65	40.03	32.31	29.73	29.72
23527	1.33	1.29	1.17	1.09	1.12	1.21	1.43	1.67	1.68	1.59	1.67	1.61	1.71	1.80	1.77	1.78	1.99	2.14	2.09	1.92	1.85	1.56	1.44	1.37
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.91	-2.79	0.00	0.00	-1.41	-0.75	-4.72	-5.42	-9.39	-10.78	-10.13	-11.03	-6.22	-2.46	-1.56	-3.34
AIR_PRODUCTS___DRP	27.01	25.78	22.93	23.01	22.46	24.58	27.89	29.46	29.72	31.12	29.55	30.01	32.78	33.18	37.53	39.34	46.73	49.70	46.82	46.31	38.00	31.93	29.18	29.07
24190	0.40	0.43	0.38	0.32	0.40	0.39	0.44	0.72	0.73	0.69	0.72	0.67	0.84	0.85	0.87	0.89	0.96	1.03	1.01	0.94	0.93	0.76	0.69	0.65
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.92	-2.92	0.00	0.00	-1.90	-0.76	-5.62	-6.62	-11.46	-13.02	-10.91	-11.67	-5.12	-2.87	-1.76	-3.41
AKWESSNE_115KV_BK	26.08	24.82	22.16	22.31	21.67	23.76	26.90	28.17	27.51	26.98	28.25	28.78	29.47	31.00	30.39	31.17	33.59	34.87	34.10	32.99	31.31	27.76	26.19	24.56
355683	-0.53	-0.53	-0.38	-0.39	-0.40	-0.44	-0.55	-0.57	-0.56	-0.52	-0.58	-0.56	-0.57	-0.57	-0.65	-0.67	-0.72	-0.78	-0.80	-0.71	-0.64	-0.54	-0.53	-0.45
	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	27.01	25.78	22.93	23.01	22.46	24.58	27.89	29.46	29.72	31.12	29.55	30.01	32.78	33.18	37.53	39.34	46.73	49.70	46.82	46.31	38.00	31.93	29.18	29.07
23571	0.40	0.43	0.38	0.32	0.40	0.39	0.44	0.72	0.73	0.69	0.72	0.67	0.84	0.85	0.87	0.89	0.96	1.03	1.01	0.94	0.93	0.76	0.69	0.65
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.92	-2.92	0.00	0.00	-1.90	-0.76	-5.62	-6.62	-11.46	-13.02	-10.91	-11.67	-5.12	-2.87	-1.76	-3.41
ALBANY___2	27.01	25.78	22.93	23.01	22.46	24.58	27.89	29.46	29.72	31.12	29.55	30.01	32.78	33.18	37.53	39.34	46.73	49.70	46.82	46.31	38.00	31.93	29.18	29.07
23572	0.40	0.43	0.38	0.32	0.40	0.39	0.44	0.72	0.73	0.69	0.72	0.67	0.84	0.85	0.87	0.89	0.96	1.03	1.01	0.94	0.93	0.76	0.69	0.65
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.92	-2.92	0.00	0.00	-1.90	-0.76	-5.62	-6.62	-11.46	-13.02	-10.91	-11.67	-5.12	-2.87	-1.76	-3.41
ALBANY___3	27.01	25.78	22.93	23.01	22.46	24.58	27.89	29.46	29.72	31.12	29.55	30.01	32.78	33.18	37.53	39.34	46.73	49.70	46.82	46.31	38.00	31.93	29.18	29.07
23573	0.40	0.43	0.38	0.32	0.40	0.39	0.44	0.72	0.73	0.69	0.72	0.67	0.84	0.85	0.87	0.89	0.96	1.03	1.01	0.94	0.93	0.76	0.69	0.65
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.92	-2.92	0.00	0.00	-1.90	-0.76	-5.62	-6.62	-11.46	-13.02	-10.91	-11.67	-5.12	-2.87	-1.76	-3.41

ALBANY___4 23574	27.01 0.40 0.00	25.78 0.43 0.00	22.93 0.38 0.00	23.01 0.32 0.00	22.46 0.40 0.00	24.58 0.39 0.00	27.89 0.44 0.00	29.46 0.72 0.00	29.72 0.73 -0.92	31.12 0.69 -2.92	29.55 0.72 0.00	30.01 0.67 0.00	32.78 0.84 -1.90	33.18 0.85 -0.76	37.53 0.87 -5.62	39.34 0.89 -6.62	46.73 0.96 -11.46	49.70 1.03 -13.02	46.82 1.01 -10.91	46.31 0.94 -11.67	38.00 0.93 -5.12	31.93 0.76 -2.87	29.18 0.69 -1.76	29.07 0.65 -3.41
ALBANY___LFGE 323615	27.36 0.74 0.00	26.06 0.71 0.00	23.20 0.65 0.00	23.29 0.59 0.00	22.70 0.64 0.00	24.85 0.65 0.00	28.21 0.77 0.00	29.75 1.01 0.00	30.00 1.01 -0.92	31.40 0.96 -2.93	29.83 1.01 0.00	30.34 1.00 0.00	33.09 1.17 -1.88	33.53 1.20 -0.76	37.88 1.24 -5.60	39.69 1.27 -6.58	47.04 1.34 -11.39	50.03 1.43 -12.95	47.21 1.40 -10.91	46.74 1.35 -11.69	38.95 1.28 -5.72	32.23 1.07 -2.86	29.47 0.99 -1.76	29.33 0.90 -3.42
ALCOA_PA_115KV_PL-6C 55860	26.19 -0.43 0.00	24.89 -0.46 0.00	22.28 -0.27 0.00	22.42 -0.27 0.00	21.75 -0.31 0.00	23.86 -0.34 0.00	26.98 -0.47 0.00	28.25 -0.49 0.00	27.56 -0.51 0.00	27.04 -0.47 0.00	28.31 -0.52 0.00	28.87 -0.47 0.00	29.56 -0.48 0.00	31.09 -0.47 0.00	30.45 -0.59 0.00	31.23 -0.60 0.00	33.62 -0.69 0.00	34.94 -0.71 0.00	34.17 -0.73 0.00	33.09 -0.61 0.00	31.41 -0.54 0.00	27.81 -0.48 0.00	26.25 -0.48 0.00	24.66 -0.35 0.00
ALCOA_RYNLDS___DRP 24188	26.19 -0.43 0.00	24.89 -0.46 0.00	22.28 -0.27 0.00	22.42 -0.27 0.00	21.75 -0.31 0.00	23.86 -0.34 0.00	26.98 -0.47 0.00	28.25 -0.49 0.00	27.56 -0.51 0.00	27.04 -0.47 0.00	28.31 -0.52 0.00	28.87 -0.47 0.00	29.56 -0.48 0.00	31.09 -0.47 0.00	30.45 -0.59 0.00	31.23 -0.60 0.00	33.62 -0.69 0.00	34.94 -0.71 0.00	34.17 -0.73 0.00	33.09 -0.61 0.00	31.41 -0.54 0.00	27.81 -0.48 0.00	26.25 -0.48 0.00	24.66 -0.35 0.00
ALCOA___DSASP 323711	26.18 -0.43 0.00	24.90 -0.46 0.00	22.30 -0.25 0.00	22.45 -0.25 0.00	21.75 -0.31 0.00	23.86 -0.34 0.00	26.98 -0.47 0.00	28.25 -0.49 0.00	27.56 -0.50 0.00	27.04 -0.47 0.00	28.31 -0.52 0.00	28.87 -0.47 0.00	29.56 -0.48 0.00	31.09 -0.47 0.00	30.45 -0.59 0.00	31.23 -0.61 0.00	33.66 -0.65 0.00	35.01 -0.64 0.00	34.20 -0.70 0.00	33.10 -0.61 0.00	31.48 -0.48 0.00	27.81 -0.48 0.00	26.25 -0.48 0.00	24.66 -0.35 0.00
ALLEGHENY___COGEN 23514	28.18 1.57 0.00	26.77 1.42 0.00	23.61 1.06 0.00	24.06 1.36 0.00	23.12 1.06 0.00	25.62 1.43 0.00	29.26 1.81 0.00	30.26 1.52 0.00	29.60 1.46 -0.07	29.01 1.27 -0.23	30.21 1.38 0.00	30.75 1.41 0.00	31.33 1.11 -0.17	32.76 1.13 -0.06	32.77 1.24 -0.48	33.88 1.47 -0.58	36.78 1.47 -1.00	38.53 1.75 -1.13	37.63 1.85 -0.88	36.43 1.85 -0.88	34.18 2.01 -0.21	30.42 1.90 -0.23	28.66 1.79 -0.14	26.83 1.58 -0.25
ALTAMONT_115KV_TB 2 55880	27.38 0.77 0.00	26.14 0.79 0.00	23.25 0.70 0.00	23.33 0.64 0.00	22.77 0.71 0.00	24.92 0.73 0.00	28.24 0.80 0.00	29.83 1.09 0.00	30.08 1.09 -0.92	31.51 1.05 -2.96	29.92 1.10 0.00	30.40 1.06 0.00	33.21 1.17 -2.00	33.56 1.23 -0.76	38.10 1.24 -5.82	39.98 1.27 -6.87	47.59 1.37 -11.90	50.58 1.43 -13.50	47.43 1.43 -11.10	46.89 1.35 -11.84	37.98 1.28 -4.75	32.36 1.10 -2.96	29.58 1.04 -1.81	29.42 0.98 -3.44
ALTONA_WT_PWR 323606	26.85 0.24 0.00	25.45 0.10 0.00	22.89 0.34 0.00	23.06 0.36 0.00	22.35 0.29 0.00	24.56 0.36 0.00	27.80 0.36 0.00	29.09 0.35 0.00	28.41 0.34 0.00	27.86 0.36 0.00	29.20 0.37 0.00	29.75 0.41 0.00	30.43 0.39 0.00	32.07 0.50 0.00	31.29 0.25 0.00	32.15 0.32 0.00	34.58 0.27 0.00	35.83 0.18 0.00	34.73 -0.17 0.00	33.77 0.07 0.00	32.53 0.58 0.00	28.69 0.40 0.00	27.02 0.29 0.00	25.33 0.32 0.00
AMERICAN_REF_FUEL 24010	26.51 -0.11 0.00	25.20 -0.15 0.00	22.16 -0.38 0.00	22.51 -0.18 0.00	21.67 -0.40 0.00	24.00 -0.19 0.00	27.12 -0.33 0.00	27.62 -1.12 0.00	27.26 -0.87 -0.06	26.81 -0.91 -0.21	27.99 -0.84 0.00	28.52 -0.82 0.00	29.08 -1.11 -0.16	30.29 -1.32 -0.05	30.36 -1.12 -0.43	31.11 -1.24 -0.52	33.59 -1.61 -0.89	34.92 -1.75 -1.01	34.05 -1.64 -0.79	32.90 -1.58 -0.78	30.74 -1.25 -0.03	27.79 -0.71 -0.20	26.42 -0.43 -0.12	24.96 -0.27 -0.22
ARKWRIGHT___SUMMIT_WT_PWR 323751	27.41 0.80 0.00	25.93 0.58 0.00	22.75 0.20 0.00	23.06 0.36 0.00	22.15 0.09 0.00	24.61 0.41 0.00	27.86 0.41 0.00	28.63 -0.11 0.00	28.05 -0.08 -0.07	27.63 -0.11 -0.23	29.09 0.26 0.00	29.69 0.35 0.00	30.27 0.06 -0.17	31.47 -0.16 -0.06	31.52 0.00 -0.48	32.28 -0.13 -0.57	34.96 -0.34 -0.99	36.38 -0.39 -1.12	35.43 -0.35 -0.88	34.20 -0.37 -0.87	32.07 -0.10 -0.21	28.83 0.31 -0.23	27.37 0.51 -0.14	25.71 0.45 -0.25
ARTHUR_KILL_GT_1 23520	28.42 1.81 0.00	27.08 1.72 0.00	24.17 1.62 0.00	24.15 1.45 0.00	23.58 1.52 0.00	25.45 1.26 0.00	28.73 1.29 0.01	30.77 2.04 0.01	30.91 2.13 -0.71	32.13 2.23 -2.40	31.04 2.22 0.01	31.47 2.14 0.01	34.43 2.34 -2.04	34.58 2.43 -0.58	38.77 2.33 -5.40	40.68 2.32 -6.52	48.29 2.68 -11.30	50.96 2.60 -12.70	46.82 2.58 -9.33	45.64 2.16 -9.78	36.14 2.08 -2.11	32.86 1.87 -2.70	30.13 1.82 -1.59	29.39 1.68 -2.71
ARTHUR_KILL_2 23512	28.34 1.73 0.00	27.00 1.65 0.00	24.08 1.53 0.00	24.08 1.38 0.00	23.52 1.46 0.00	25.38 1.19 0.00	28.65 1.21 0.01	30.69 1.96 0.01	30.82 2.05 -0.71	32.05 2.15 -2.40	30.95 2.13 0.01	31.38 2.05 0.01	34.30 2.22 -2.04	34.45 2.30 -0.58	38.65 2.20 -5.40	40.58 2.23 -6.52	48.12 2.50 -11.30	50.78 2.43 -12.70	46.68 2.44 -9.33	45.46 1.99 -9.78	36.01 1.95 -2.11	32.75 1.75 -2.70	30.05 1.74 -1.59	29.32 1.60 -2.71
ARTHUR_KILL_3 23513	28.26 1.65 0.00	26.97 1.62 0.00	24.04 1.49 0.00	24.06 1.36 0.00	23.48 1.41 0.00	25.57 1.38 0.00	28.93 1.48 0.00	30.92 2.18 0.00	31.03 2.25 -0.72	32.20 2.28 -2.41	31.05 2.22 0.00	31.45 2.11 0.00	34.25 2.16 -2.05	34.37 2.21 -0.59	38.53 2.08 -5.41	40.50 2.13 -6.53	48.19 2.57 -11.31	50.93 2.57 -12.71	46.72 2.48 -9.34	45.54 2.06 -9.78	35.89 1.82 -2.12	32.82 1.81 -2.71	30.17 1.84 -1.60	29.43 1.70 -2.72
ARTHUR_KILL_COGEN 323718	28.42 1.81 0.00	27.08 1.72 0.00	24.17 1.62 0.00	24.15 1.45 0.00	23.58 1.52 0.00	25.45 1.26 0.00	28.73 1.29 0.01	30.77 2.04 0.01	30.91 2.13 -0.71	32.13 2.23 -2.40	31.04 2.22 0.01	31.47 2.14 0.01	34.43 2.34 -2.04	34.58 2.43 -0.58	38.77 2.33 -5.40	40.68 2.32 -6.52	48.29 2.68 -11.30	50.96 2.60 -12.70	46.82 2.58 -9.33	45.64 2.16 -9.78	36.14 2.08 -2.11	32.86 1.87 -2.70	30.13 1.82 -1.59	29.39 1.68 -2.71
ASHOKAN____ 23654	28.02 1.41 0.00	26.67 1.32 0.00	23.67 1.13 0.00	23.79 1.09 0.00	23.19 1.12 0.00	25.23 1.04 0.00	28.60 1.15 0.00	30.21 1.46 0.00	29.86 0.98 -0.81	31.78 1.65 -2.63	29.66 0.84 0.00	30.16 0.82 0.00	33.84 1.89 -1.91	33.37 1.13 -0.67	38.52 2.11 -5.37	40.45 2.23 -6.39	47.98 2.61 -11.06	50.98 2.82 -12.51	47.64 2.79 -9.95	45.40 1.11 -10.59	36.69 0.96 -3.78	33.00 1.98 -2.73	30.43 2.06 -1.65	28.77 0.73 -3.03

ASTORIA_EAST_ENERGY_CC1 323581	28.32 1.70 0.00	26.95 1.60 0.00	23.99 1.44 0.00	23.97 1.27 0.00	23.41 1.35 0.00	25.37 1.19 0.01	28.73 1.29 0.01	30.74 2.01 0.01	30.80 2.02 -0.71	32.00 2.09 -2.40	30.90 2.08 0.01	31.35 2.02 0.01	34.25 2.16 -2.04	34.36 2.21 -0.58	38.52 2.08 -5.40	40.46 2.10 -6.52	48.08 2.47 -11.30	50.75 2.39 -12.70	46.65 2.41 -9.34	45.43 1.95 -9.78	36.47 1.82 -2.69	32.69 1.70 -2.70	30.04 1.71 -1.60	29.43 1.70 -2.72
ASTORIA_EAST_ENERGY_CC2 323582	28.32 1.70 0.00	26.95 1.60 0.00	23.99 1.44 0.00	23.97 1.27 0.00	23.41 1.35 0.00	25.37 1.19 0.01	28.73 1.29 0.01	30.74 2.01 0.01	30.80 2.02 -0.71	32.00 2.09 -2.40	30.90 2.08 0.01	31.35 2.02 0.01	34.25 2.16 -2.04	34.36 2.21 -0.58	38.52 2.08 -5.40	40.46 2.10 -6.52	48.08 2.47 -11.30	50.75 2.39 -12.70	46.65 2.41 -9.34	45.43 1.95 -9.78	36.47 1.82 -2.69	32.69 1.70 -2.70	30.04 1.71 -1.60	29.43 1.70 -2.72
ASTORIA_GT2_1 24094	28.15 1.54 0.00	26.90 1.55 0.00	23.81 1.26 0.00	23.88 1.18 0.00	23.37 1.30 0.00	25.31 1.11 0.00	28.60 1.15 0.00	30.75 2.01 0.00	30.83 2.05 -0.72	32.03 2.12 -2.41	30.90 2.08 0.00	31.36 2.02 0.00	34.25 2.16 -2.05	34.40 2.24 -0.59	38.56 2.11 -5.41	40.46 2.10 -6.53	48.09 2.47 -11.31	50.78 2.42 -12.71	46.65 2.41 -9.34	45.47 1.99 -9.78	36.51 1.85 -2.70	32.70 1.70 -2.71	30.06 1.74 -1.60	29.45 1.73 -2.72
ASTORIA_GT2_2 24095	28.15 1.54 0.00	26.90 1.55 0.00	23.81 1.26 0.00	23.88 1.18 0.00	23.37 1.30 0.00	25.31 1.11 0.00	28.60 1.15 0.00	30.75 2.01 0.00	30.83 2.05 -0.72	32.03 2.12 -2.41	30.90 2.08 0.00	31.36 2.02 0.00	34.25 2.16 -2.05	34.40 2.24 -0.59	38.56 2.11 -5.41	40.46 2.10 -6.53	48.09 2.47 -11.31	50.78 2.42 -12.71	46.65 2.41 -9.34	45.47 1.99 -9.78	36.51 1.85 -2.70	32.70 1.70 -2.71	30.06 1.74 -1.60	29.45 1.73 -2.72
ASTORIA_GT2_3 24096	28.15 1.54 0.00	26.90 1.55 0.00	23.81 1.26 0.00	23.88 1.18 0.00	23.37 1.30 0.00	25.31 1.11 0.00	28.60 1.15 0.00	30.75 2.01 0.00	30.83 2.05 -0.72	32.03 2.12 -2.41	30.90 2.08 0.00	31.36 2.02 0.00	34.25 2.16 -2.05	34.40 2.24 -0.59	38.56 2.11 -5.41	40.46 2.10 -6.53	48.09 2.47 -11.31	50.78 2.42 -12.71	46.65 2.41 -9.34	45.47 1.99 -9.78	36.51 1.85 -2.70	32.70 1.70 -2.71	30.06 1.74 -1.60	29.45 1.73 -2.72
ASTORIA_GT2_4 24097	28.15 1.54 0.00	26.90 1.55 0.00	23.81 1.26 0.00	23.88 1.18 0.00	23.37 1.30 0.00	25.31 1.11 0.00	28.60 1.15 0.00	30.75 2.01 0.00	30.83 2.05 -0.72	32.03 2.12 -2.41	30.90 2.08 0.00	31.36 2.02 0.00	34.25 2.16 -2.05	34.40 2.24 -0.59	38.56 2.11 -5.41	40.46 2.10 -6.53	48.09 2.47 -11.31	50.78 2.42 -12.71	46.65 2.41 -9.34	45.47 1.99 -9.78	36.51 1.85 -2.70	32.70 1.70 -2.71	30.06 1.74 -1.60	29.45 1.73 -2.72
ASTORIA_GT3_1 24098	28.15 1.54 0.00	26.90 1.55 0.00	23.81 1.26 0.00	23.88 1.18 0.00	23.37 1.30 0.00	25.31 1.11 0.00	28.60 1.15 0.00	30.75 2.01 0.00	30.83 2.05 -0.72	32.03 2.12 -2.41	30.90 2.08 0.00	31.36 2.02 0.00	34.25 2.16 -2.05	34.40 2.24 -0.59	38.56 2.11 -5.41	40.46 2.10 -6.53	48.09 2.47 -11.31	50.78 2.42 -12.71	46.65 2.41 -9.34	45.47 1.99 -9.78	36.51 1.85 -2.70	32.70 1.70 -2.71	30.06 1.74 -1.60	29.45 1.73 -2.72
ASTORIA_GT3_2 24099	28.15 1.54 0.00	26.90 1.55 0.00	23.81 1.26 0.00	23.88 1.18 0.00	23.37 1.30 0.00	25.31 1.11 0.00	28.60 1.15 0.00	30.75 2.01 0.00	30.83 2.05 -0.72	32.03 2.12 -2.41	30.90 2.08 0.00	31.36 2.02 0.00	34.25 2.16 -2.05	34.40 2.24 -0.59	38.56 2.11 -5.41	40.46 2.10 -6.53	48.09 2.47 -11.31	50.78 2.42 -12.71	46.65 2.41 -9.34	45.47 1.99 -9.78	36.51 1.85 -2.70	32.70 1.70 -2.71	30.06 1.74 -1.60	29.45 1.73 -2.72
ASTORIA_GT3_3 24100	28.15 1.54 0.00	26.90 1.55 0.00	23.81 1.26 0.00	23.88 1.18 0.00	23.37 1.30 0.00	25.31 1.11 0.00	28.60 1.15 0.00	30.75 2.01 0.00	30.83 2.05 -0.72	32.03 2.12 -2.41	30.90 2.08 0.00	31.36 2.02 0.00	34.25 2.16 -2.05	34.40 2.24 -0.59	38.56 2.11 -5.41	40.46 2.10 -6.53	48.09 2.47 -11.31	50.78 2.42 -12.71	46.65 2.41 -9.34	45.47 1.99 -9.78	36.51 1.85 -2.70	32.70 1.70 -2.71	30.06 1.74 -1.60	29.45 1.73 -2.72
ASTORIA_GT3_4 24101	28.15 1.54 0.00	26.90 1.55 0.00	23.81 1.26 0.00	23.88 1.18 0.00	23.37 1.30 0.00	25.31 1.11 0.00	28.60 1.15 0.00	30.75 2.01 0.00	30.83 2.05 -0.72	32.03 2.12 -2.41	30.90 2.08 0.00	31.36 2.02 0.00	34.25 2.16 -2.05	34.40 2.24 -0.59	38.56 2.11 -5.41	40.46 2.10 -6.53	48.09 2.47 -11.31	50.78 2.42 -12.71	46.65 2.41 -9.34	45.47 1.99 -9.78	36.51 1.85 -2.70	32.70 1.70 -2.71	30.06 1.74 -1.60	29.45 1.73 -2.72
ASTORIA_GT4_1 24102	28.15 1.54 0.00	26.90 1.55 0.00	23.81 1.26 0.00	23.88 1.18 0.00	23.37 1.30 0.00	25.31 1.11 0.00	28.60 1.15 0.00	30.75 2.01 0.00	30.83 2.05 -0.72	32.03 2.12 -2.41	30.90 2.08 0.00	31.36 2.02 0.00	34.25 2.16 -2.05	34.40 2.24 -0.59	38.56 2.11 -5.41	40.46 2.10 -6.53	48.09 2.47 -11.31	50.78 2.42 -12.71	46.65 2.41 -9.34	45.47 1.99 -9.78	36.51 1.85 -2.70	32.70 1.70 -2.71	30.06 1.74 -1.60	29.45 1.73 -2.72
ASTORIA_GT4_2 24103	28.15 1.54 0.00	26.90 1.55 0.00	23.81 1.26 0.00	23.88 1.18 0.00	23.37 1.30 0.00	25.31 1.11 0.00	28.60 1.15 0.00	30.75 2.01 0.00	30.83 2.05 -0.72	32.03 2.12 -2.41	30.90 2.08 0.00	31.36 2.02 0.00	34.25 2.16 -2.05	34.40 2.24 -0.59	38.56 2.11 -5.41	40.46 2.10 -6.53	48.09 2.47 -11.31	50.78 2.42 -12.71	46.65 2.41 -9.34	45.47 1.99 -9.78	36.51 1.85 -2.70	32.70 1.70 -2.71	30.06 1.74 -1.60	29.45 1.73 -2.72
ASTORIA_GT4_3 24104	28.15 1.54 0.00	26.90 1.55 0.00	23.81 1.26 0.00	23.88 1.18 0.00	23.37 1.30 0.00	25.31 1.11 0.00	28.60 1.15 0.00	30.75 2.01 0.00	30.83 2.05 -0.72	32.03 2.12 -2.41	30.90 2.08 0.00	31.36 2.02 0.00	34.25 2.16 -2.05	34.40 2.24 -0.59	38.56 2.11 -5.41	40.46 2.10 -6.53	48.09 2.47 -11.31	50.78 2.42 -12.71	46.65 2.41 -9.34	45.47 1.99 -9.78	36.51 1.85 -2.70	32.70 1.70 -2.71	30.06 1.74 -1.60	29.45 1.73 -2.72
ASTORIA_GT4_4 24105	28.15 1.54 0.00	26.90 1.55 0.00	23.81 1.26 0.00	23.88 1.18 0.00	23.37 1.30 0.00	25.31 1.11 0.00	28.60 1.15 0.00	30.75 2.01 0.00	30.83 2.05 -0.72	32.03 2.12 -2.41	30.90 2.08 0.00	31.36 2.02 0.00	34.25 2.16 -2.05	34.40 2.24 -0.59	38.56 2.11 -5.41	40.46 2.10 -6.53	48.09 2.47 -11.31	50.78 2.42 -12.71	46.65 2.41 -9.34	45.47 1.99 -9.78	36.51 1.85 -2.70	32.70 1.70 -2.71	30.06 1.74 -1.60	29.45 1.73 -2.72
ASTORIA_GT_1 23523	28.39 1.78 0.00	27.02 1.67 0.00	24.06 1.51 0.00	24.03 1.34 0.00	23.48 1.41 0.00	25.44 1.26 0.01	28.81 1.37 0.01	30.83 2.10 0.01	30.88 2.11 -0.71	32.08 2.17 -2.40	30.98 2.16 0.01	31.44 2.11 0.01	34.34 2.25 -2.04	34.49 2.34 -0.58	38.62 2.17 -5.40	40.55 2.20 -6.52	48.19 2.57 -11.30	50.89 2.53 -12.70	46.76 2.51 -9.34	45.53 2.06 -9.78	36.57 1.92 -2.69	32.78 1.78 -2.70	30.11 1.79 -1.60	29.50 1.78 -2.72

ASTORIA_GT_10 24110	28.15 1.54 0.00	26.95 1.60 0.00	23.92 1.38 0.00	23.99 1.29 0.00	23.45 1.39 0.00	25.45 1.26 0.00	28.74 1.29 0.00	30.84 2.10 0.00	30.97 2.19 -0.72	32.17 2.26 -2.41	31.07 2.25 0.00	31.54 2.20 0.00	34.43 2.34 -2.05	34.56 2.40 -0.59	38.72 2.27 -5.41	40.62 2.26 -6.53	48.26 2.64 -11.31	50.89 2.53 -12.71	46.79 2.55 -9.34	45.57 2.09 -9.78	36.67 2.01 -2.70	32.87 1.87 -2.71	30.19 1.87 -1.60	29.47 1.75 -2.72
ASTORIA_GT_11 24225	28.15 1.54 0.00	26.95 1.60 0.00	23.92 1.38 0.00	23.99 1.29 0.00	23.45 1.39 0.00	25.45 1.26 0.00	28.74 1.29 0.00	30.84 2.10 0.00	30.97 2.19 -0.72	32.17 2.26 -2.41	31.07 2.25 0.00	31.54 2.20 0.00	34.43 2.34 -2.05	34.56 2.40 -0.59	38.72 2.27 -5.41	40.62 2.26 -6.53	48.26 2.64 -11.31	50.89 2.53 -12.71	46.79 2.55 -9.34	45.57 2.09 -9.78	36.67 2.01 -2.70	32.87 1.87 -2.71	30.19 1.87 -1.60	29.47 1.75 -2.72
ASTORIA_GT_12 24226	28.15 1.54 0.00	26.95 1.60 0.00	23.92 1.38 0.00	23.99 1.29 0.00	23.45 1.39 0.00	25.45 1.26 0.00	28.74 1.29 0.00	30.84 2.10 0.00	30.97 2.19 -0.72	32.17 2.26 -2.41	31.07 2.25 0.00	31.54 2.20 0.00	34.43 2.34 -2.05	34.56 2.40 -0.59	38.72 2.27 -5.41	40.62 2.26 -6.53	48.26 2.64 -11.31	50.89 2.53 -12.71	46.79 2.55 -9.34	45.57 2.09 -9.78	36.67 2.01 -2.70	32.87 1.87 -2.71	30.19 1.87 -1.60	29.47 1.75 -2.72
ASTORIA_GT_13 24227	28.15 1.54 0.00	26.95 1.60 0.00	23.92 1.38 0.00	23.99 1.29 0.00	23.45 1.39 0.00	25.45 1.26 0.00	28.74 1.29 0.00	30.84 2.10 0.00	30.97 2.19 -0.72	32.17 2.26 -2.41	31.07 2.25 0.00	31.54 2.20 0.00	34.43 2.34 -2.05	34.56 2.40 -0.59	38.72 2.27 -5.41	40.62 2.26 -6.53	48.26 2.64 -11.31	50.89 2.53 -12.71	46.79 2.55 -9.34	45.57 2.09 -9.78	36.67 2.01 -2.70	32.87 1.87 -2.71	30.19 1.87 -1.60	29.47 1.75 -2.72
ASTORIA_GT_5 24106	28.39 1.78 0.00	27.02 1.67 0.00	24.06 1.51 0.00	24.03 1.34 0.00	23.48 1.41 0.00	25.44 1.26 0.01	28.81 1.37 0.01	30.83 2.10 0.01	30.88 2.11 -0.71	32.08 2.17 -2.40	30.98 2.16 0.01	31.44 2.11 0.01	34.34 2.25 -2.04	34.49 2.34 -0.58	38.62 2.17 -5.40	40.55 2.20 -6.52	48.19 2.57 -11.30	50.89 2.53 -12.70	46.76 2.51 -9.34	45.53 2.06 -9.78	36.57 1.92 -2.69	32.78 1.78 -2.70	30.11 1.79 -1.60	29.50 1.78 -2.72
ASTORIA_GT_7 24107	28.39 1.78 0.00	27.02 1.67 0.00	24.06 1.51 0.00	24.03 1.34 0.00	23.48 1.41 0.00	25.44 1.26 0.01	28.81 1.37 0.01	30.83 2.10 0.01	30.88 2.11 -0.71	32.08 2.17 -2.40	30.98 2.16 0.01	31.44 2.11 0.01	34.34 2.25 -2.04	34.49 2.34 -0.58	38.62 2.17 -5.40	40.55 2.20 -6.52	48.19 2.57 -11.30	50.89 2.53 -12.70	46.76 2.51 -9.34	45.53 2.06 -9.78	36.57 1.92 -2.69	32.78 1.78 -2.70	30.11 1.79 -1.60	29.50 1.78 -2.72
ASTORIA_GT_8 24108	28.21 1.60 0.00	26.95 1.60 0.00	23.88 1.33 0.00	23.92 1.23 0.00	23.41 1.35 0.00	25.36 1.16 0.00	28.65 1.21 0.00	30.81 2.07 0.00	30.89 2.11 -0.72	32.09 2.17 -2.41	30.99 2.16 0.00	31.45 2.11 0.00	34.34 2.25 -2.05	34.49 2.34 -0.59	38.65 2.20 -5.41	40.56 2.20 -6.53	48.19 2.57 -11.31	50.89 2.53 -12.71	46.75 2.51 -9.34	45.57 2.09 -9.78	36.57 1.92 -2.70	32.79 1.78 -2.71	30.11 1.79 -1.60	29.50 1.78 -2.72
ASTORIA___2 24149	28.32 1.70 0.00	26.97 1.62 0.00	23.99 1.44 0.00	23.99 1.29 0.00	23.43 1.37 0.00	25.40 1.21 0.01	28.76 1.32 0.01	30.77 2.04 0.01	30.82 2.05 -0.71	32.03 2.12 -2.40	30.90 2.08 0.01	31.35 2.02 0.01	34.25 2.16 -2.04	34.39 2.24 -0.58	38.55 2.11 -5.40	40.46 2.10 -6.52	48.08 2.47 -11.30	50.78 2.43 -12.70	46.65 2.41 -9.34	45.46 1.99 -9.78	36.47 1.82 -2.69	32.69 1.70 -2.70	30.06 1.74 -1.60	29.45 1.72 -2.72
ASTORIA___3 23516	28.34 1.73 0.00	27.02 1.67 0.00	24.08 1.53 0.00	24.08 1.38 0.00	23.52 1.46 0.00	25.52 1.33 0.00	28.87 1.43 0.00	30.87 2.13 0.00	30.97 2.19 -0.72	32.17 2.26 -2.41	31.08 2.25 0.00	31.54 2.20 0.00	34.43 2.34 -2.05	34.56 2.40 -0.59	38.72 2.26 -5.41	40.66 2.29 -6.53	48.26 2.64 -11.31	50.89 2.53 -12.71	46.79 2.55 -9.34	45.57 2.09 -9.78	36.64 1.98 -2.70	32.87 1.87 -2.71	30.19 1.87 -1.60	29.47 1.75 -2.72
ASTORIA___4 23517	28.15 1.54 0.00	26.95 1.60 0.00	23.92 1.38 0.00	23.99 1.29 0.00	23.45 1.39 0.00	25.45 1.26 0.00	28.74 1.29 0.00	30.84 2.10 0.00	30.97 2.19 -0.72	32.17 2.26 -2.41	31.07 2.25 0.00	31.54 2.20 0.00	34.43 2.34 -2.05	34.56 2.40 -0.59	38.72 2.27 -5.41	40.62 2.26 -6.53	48.26 2.64 -11.31	50.89 2.53 -12.71	46.79 2.55 -9.34	45.57 2.09 -9.78	36.67 2.01 -2.70	32.87 1.87 -2.71	30.19 1.87 -1.60	29.47 1.75 -2.72
ASTORIA___5 23518	28.34 1.73 0.00	27.02 1.67 0.00	24.08 1.53 0.00	24.08 1.38 0.00	23.52 1.46 0.00	25.52 1.33 0.00	28.87 1.43 0.00	30.87 2.13 0.00	30.97 2.19 -0.72	32.17 2.26 -2.41	31.08 2.25 0.00	31.54 2.20 0.00	34.43 2.34 -2.05	34.56 2.40 -0.59	38.72 2.26 -5.41	40.66 2.29 -6.53	48.26 2.64 -11.31	50.89 2.53 -12.71	46.76 2.51 -9.34	45.57 2.09 -9.78	36.64 1.98 -2.70	32.87 1.87 -2.71	30.19 1.87 -1.60	29.47 1.75 -2.72
AST_ENERGY_2_CC3 323677	28.34 1.73 0.00	27.05 1.70 0.00	24.10 1.55 0.00	24.13 1.43 0.00	23.54 1.48 0.00	25.65 1.45 0.00	28.98 1.54 0.00	30.92 2.18 0.00	31.00 2.22 -0.72	32.20 2.28 -2.41	31.08 2.25 0.00	31.51 2.17 0.00	34.37 2.28 -2.05	34.49 2.34 -0.59	38.69 2.24 -5.41	40.66 2.29 -6.53	48.37 2.75 -11.31	51.07 2.71 -12.71	46.86 2.62 -9.34	45.71 2.22 -9.78	36.64 1.98 -2.70	32.90 1.90 -2.71	30.22 1.90 -1.60	29.50 1.78 -2.72
AST_ENERGY_2_CC4 323678	28.34 1.73 0.00	27.05 1.70 0.00	24.10 1.55 0.00	24.13 1.43 0.00	23.54 1.48 0.00	25.65 1.45 0.00	28.98 1.54 0.00	30.92 2.18 0.00	31.00 2.22 -0.72	32.20 2.28 -2.41	31.08 2.25 0.00	31.51 2.17 0.00	34.37 2.28 -2.05	34.49 2.34 -0.59	38.69 2.24 -5.41	40.66 2.29 -6.53	48.37 2.75 -11.31	51.07 2.71 -12.71	46.86 2.62 -9.34	45.71 2.22 -9.78	36.64 1.98 -2.70	32.90 1.90 -2.71	30.22 1.90 -1.60	29.50 1.78 -2.72
ATHENS_STG_1 23668	27.62 1.01 0.00	26.37 1.02 0.00	23.47 0.92 0.00	23.54 0.84 0.00	22.95 0.88 0.00	25.09 0.90 0.00	28.43 0.99 0.00	30.04 1.29 0.00	30.21 1.29 -0.85	31.60 1.29 -2.80	30.15 1.33 0.00	30.60 1.26 0.00	33.54 1.35 -2.15	33.69 1.42 -0.70	38.35 1.40 -5.92	40.34 1.43 -7.07	48.14 1.58 -12.25	51.08 1.61 -13.82	47.15 1.57 -10.68	46.42 1.45 -11.27	36.40 1.37 -3.07	32.55 1.27 -2.98	29.74 1.23 -1.78	29.35 1.15 -3.20
ATHENS_STG_2 23670	27.62 1.01 0.00	26.37 1.02 0.00	23.47 0.92 0.00	23.54 0.84 0.00	22.95 0.88 0.00	25.09 0.90 0.00	28.43 0.99 0.00	30.04 1.29 0.00	30.21 1.29 -0.85	31.60 1.29 -2.80	30.15 1.33 0.00	30.60 1.26 0.00	33.54 1.35 -2.15	33.69 1.42 -0.70	38.35 1.40 -5.92	40.34 1.43 -7.07	48.14 1.58 -12.25	51.08 1.61 -13.82	47.15 1.57 -10.68	46.42 1.45 -11.27	36.40 1.37 -3.07	32.55 1.27 -2.98	29.74 1.23 -1.78	29.35 1.15 -3.20

ATHENS_STG_3 23677	27.62 1.01 0.00	26.37 1.02 0.00	23.47 0.92 0.00	23.54 0.84 0.00	22.95 0.88 0.00	25.09 0.90 0.00	28.43 0.99 0.00	30.04 1.29 0.00	30.21 1.29 -0.85	31.60 1.29 -2.80	30.15 1.33 0.00	30.60 1.26 0.00	33.54 1.35 -2.15	33.69 1.42 -0.70	38.35 1.40 -5.92	40.34 1.43 -7.07	48.14 1.58 -12.25	51.08 1.61 -13.82	47.15 1.57 -10.68	46.42 1.45 -11.27	36.40 1.37 -3.07	32.55 1.27 -2.98	29.74 1.23 -1.78	29.35 1.15 -3.20
AUBURN___LFGE 323710	27.22 0.61 0.00	25.86 0.51 0.00	22.91 0.36 0.00	23.20 0.50 0.00	22.44 0.38 0.00	24.73 0.53 0.00	28.16 0.71 0.00	29.29 0.55 0.00	28.60 0.48 -0.06	28.13 0.44 -0.18	29.35 0.52 0.00	29.96 0.62 0.00	30.69 0.51 -0.14	32.12 0.51 -0.05	31.95 0.53 -0.38	32.87 0.57 -0.46	35.68 0.58 -0.79	37.19 0.64 -0.89	36.30 0.70 -0.70	35.16 0.78 -0.69	32.75 0.77 -0.03	29.07 0.59 -0.18	27.40 0.56 -0.11	25.70 0.50 -0.20
BABYLON_RES_REC 323704	31.72 2.61 -2.50	30.07 2.53 -2.18	24.82 2.28 0.00	24.72 2.02 0.00	24.23 2.16 0.00	26.51 2.30 -0.02	29.89 2.44 0.00	31.87 3.13 0.00	33.26 3.14 -2.05	35.26 3.11 -4.65	33.89 3.03 -2.04	36.62 2.93 -4.35	39.55 3.07 -6.44	41.72 2.94 -7.21	39.83 2.85 -5.94	43.95 2.90 -9.22	54.18 3.26 -16.61	56.56 3.07 -17.84	53.79 3.21 -15.68	47.72 2.56 -11.46	40.01 2.78 -5.28	35.13 2.69 -4.15	34.72 2.70 -5.29	34.17 2.48 -6.68
BABYLON__69_KV_BK2 356345	31.96 2.85 -2.50	30.37 2.84 -2.18	25.05 2.50 0.00	24.92 2.22 0.00	24.45 2.38 0.00	26.77 2.56 -0.02	30.14 2.69 0.00	32.28 3.54 0.00	33.66 3.54 -2.05	35.67 3.52 -4.65	34.36 3.49 -2.04	39.31 3.40 -6.57	40.43 3.39 -6.99	48.02 3.60 -12.85	41.61 3.51 -7.07	49.42 3.53 -14.05	66.35 3.98 -28.06	68.45 3.85 -28.94	66.66 4.01 -27.75	52.12 3.34 -15.08	42.39 3.48 -6.95	36.36 3.06 -5.01	36.17 3.10 -6.35	35.68 2.83 -7.85
BALL_HILL_WT_PWR 323825	27.12 0.51 0.00	25.55 0.20 0.00	22.62 0.07 0.00	22.92 0.23 0.00	21.98 -0.09 0.00	24.39 0.19 0.00	27.78 0.33 0.00	28.42 -0.32 0.00	27.88 -0.25 -0.07	27.40 -0.33 -0.23	28.80 -0.03 0.00	29.34 0.00 0.00	29.88 -0.33 -0.17	31.15 -0.47 -0.06	31.20 -0.31 -0.47	31.95 -0.45 -0.56	34.56 -0.72 -0.97	36.04 -0.71 -1.10	35.06 -0.70 -0.86	33.81 -0.74 -0.85	31.77 -0.22 -0.04	28.49 -0.03 -0.22	27.02 0.16 -0.13	25.40 0.15 -0.24
BARON_WINDS___WT_PWR 323822	27.12 0.50 0.00	25.78 0.43 0.00	22.71 0.16 0.00	23.01 0.32 0.00	22.24 0.18 0.00	24.61 0.41 0.00	27.94 0.49 0.00	28.83 0.09 0.00	28.18 0.03 -0.09	27.80 0.00 -0.29	29.06 0.23 0.00	29.57 0.23 0.00	30.26 0.00 -0.22	31.58 -0.06 -0.07	31.74 0.09 -0.60	32.65 0.10 -0.72	35.52 -0.03 -1.25	36.99 -0.07 -1.41	36.00 0.00 -1.10	34.76 -0.03 -1.09	32.35 0.13 -0.27	28.83 0.25 -0.29	27.25 0.35 -0.17	25.59 0.28 -0.31
BARRETT_IC_1 23704	31.27 2.15 -2.50	29.67 2.13 -2.19	24.49 1.94 0.00	24.40 1.70 0.00	23.89 1.83 0.00	26.12 1.91 -0.02	29.48 2.03 0.00	31.24 2.50 0.00	32.62 2.50 -2.05	34.63 2.48 -4.65	33.29 2.42 -2.04	34.74 2.32 -3.09	38.68 2.49 -6.14	38.32 2.59 -4.16	38.97 2.51 -5.41	41.40 2.58 -6.99	48.64 3.02 -11.31	51.22 2.85 -12.72	47.31 2.96 -9.45	45.88 2.39 -9.79	38.65 2.36 -4.33	34.07 2.09 -3.68	33.76 2.30 -4.74	33.19 2.12 -6.06
BARRETT_IC_10 23701	31.27 2.15 -2.50	29.67 2.13 -2.19	24.49 1.94 0.00	24.40 1.70 0.00	23.89 1.83 0.00	26.12 1.91 -0.02	29.48 2.03 0.00	31.24 2.50 0.00	32.62 2.50 -2.05	34.63 2.48 -4.65	33.29 2.42 -2.04	34.74 2.32 -3.09	38.68 2.49 -6.14	38.32 2.59 -4.16	38.97 2.51 -5.41	41.40 2.58 -6.99	48.64 3.02 -11.31	51.22 2.85 -12.72	47.31 2.96 -9.45	45.88 2.39 -9.79	38.65 2.36 -4.33	34.07 2.09 -3.68	33.76 2.30 -4.74	33.19 2.12 -6.06
BARRETT_IC_11 23702	31.27 2.15 -2.50	29.67 2.13 -2.19	24.49 1.94 0.00	24.40 1.70 0.00	23.89 1.83 0.00	26.12 1.91 -0.02	29.48 2.03 0.00	31.24 2.50 0.00	32.62 2.50 -2.05	34.63 2.48 -4.65	33.29 2.42 -2.04	34.74 2.32 -3.09	38.68 2.49 -6.14	38.32 2.59 -4.16	38.97 2.51 -5.41	41.40 2.58 -6.99	48.64 3.02 -11.31	51.22 2.85 -12.72	47.31 2.96 -9.45	45.88 2.39 -9.79	38.65 2.36 -4.33	34.07 2.09 -3.68	33.76 2.30 -4.74	33.19 2.12 -6.06
BARRETT_IC_12 23703	31.27 2.15 -2.50	29.67 2.13 -2.19	24.49 1.94 0.00	24.40 1.70 0.00	23.89 1.83 0.00	26.12 1.91 -0.02	29.48 2.03 0.00	31.24 2.50 0.00	32.62 2.50 -2.05	34.63 2.48 -4.65	33.29 2.42 -2.04	34.74 2.32 -3.09	38.68 2.49 -6.14	38.32 2.59 -4.16	38.97 2.51 -5.41	41.40 2.58 -6.99	48.64 3.02 -11.31	51.22 2.85 -12.72	47.31 2.96 -9.45	45.88 2.39 -9.79	38.65 2.36 -4.33	34.07 2.09 -3.68	33.76 2.30 -4.74	33.19 2.12 -6.06
BARRETT_IC_2 23705	31.27 2.15 -2.50	29.67 2.13 -2.19	24.49 1.94 0.00	24.40 1.70 0.00	23.89 1.83 0.00	26.12 1.91 -0.02	29.48 2.03 0.00	31.24 2.50 0.00	32.62 2.50 -2.05	34.63 2.48 -4.65	33.29 2.42 -2.04	34.74 2.32 -3.09	38.68 2.49 -6.14	38.32 2.59 -4.16	38.97 2.51 -5.41	41.40 2.58 -6.99	48.64 3.02 -11.31	51.22 2.85 -12.72	47.31 2.96 -9.45	45.88 2.39 -9.79	38.65 2.36 -4.33	34.07 2.09 -3.68	33.76 2.30 -4.74	33.19 2.12 -6.06
BARRETT_IC_3 23706	31.27 2.15 -2.50	29.67 2.13 -2.19	24.49 1.94 0.00	24.40 1.70 0.00	23.89 1.83 0.00	26.12 1.91 -0.02	29.48 2.03 0.00	31.24 2.50 0.00	32.62 2.50 -2.05	34.63 2.48 -4.65	33.29 2.42 -2.04	34.74 2.32 -3.09	38.68 2.49 -6.14	38.32 2.59 -4.16	38.97 2.51 -5.41	41.40 2.58 -6.99	48.64 3.02 -11.31	51.22 2.85 -12.72	47.31 2.96 -9.45	45.88 2.39 -9.79	38.65 2.36 -4.33	34.07 2.09 -3.68	33.76 2.30 -4.74	33.19 2.12 -6.06
BARRETT_IC_4 23707	31.27 2.15 -2.50	29.67 2.13 -2.19	24.49 1.94 0.00	24.40 1.70 0.00	23.89 1.83 0.00	26.12 1.91 -0.02	29.48 2.03 0.00	31.24 2.50 0.00	32.62 2.50 -2.05	34.63 2.48 -4.65	33.29 2.42 -2.04	34.74 2.32 -3.09	38.68 2.49 -6.14	38.32 2.59 -4.16	38.97 2.51 -5.41	41.40 2.58 -6.99	48.64 3.02 -11.31	51.22 2.85 -12.72	47.31 2.96 -9.45	45.88 2.39 -9.79	38.65 2.36 -4.33	34.07 2.09 -3.68	33.76 2.30 -4.74	33.19 2.12 -6.06
BARRETT_IC_5 23708	31.27 2.15 -2.50	29.67 2.13 -2.19	24.49 1.94 0.00	24.40 1.70 0.00	23.89 1.83 0.00	26.12 1.91 -0.02	29.48 2.03 0.00	31.24 2.50 0.00	32.62 2.50 -2.05	34.63 2.48 -4.65	33.29 2.42 -2.04	34.74 2.32 -3.09	38.68 2.49 -6.14	38.32 2.59 -4.16	38.97 2.51 -5.41	41.40 2.58 -6.99	48.64 3.02 -11.31	51.22 2.85 -12.72	47.31 2.96 -9.45	45.88 2.39 -9.79	38.65 2.36 -4.33	34.07 2.09 -3.68	33.76 2.30 -4.74	33.19 2.12 -6.06
BARRETT_IC_6 23709	31.27 2.15 -2.50	29.67 2.13 -2.19	24.49 1.94 0.00	24.40 1.70 0.00	23.89 1.83 0.00	26.12 1.91 -0.02	29.48 2.03 0.00	31.24 2.50 0.00	32.62 2.50 -2.05	34.63 2.48 -4.65	33.29 2.42 -2.04	34.74 2.32 -3.09	38.68 2.49 -6.14	38.32 2.59 -4.16	38.97 2.51 -5.41	41.40 2.58 -6.99	48.64 3.02 -11.31	51.22 2.85 -12.72	47.31 2.96 -9.45	45.88 2.39 -9.79	38.65 2.36 -4.33	34.07 2.09 -3.68	33.76 2.30 -4.74	33.19 2.12 -6.06

BARRETT_IC_7 23710	31.11 2.00 -2.50	29.59 2.05 -2.18	24.37 1.83 0.00	24.31 1.61 0.00	23.81 1.74 0.00	26.05 1.84 -0.02	29.34 1.89 0.00	31.21 2.47 0.00	32.62 2.50 -2.05	34.63 2.48 -4.65	33.29 2.42 -2.04	34.74 2.32 -3.09	38.62 2.43 -6.14	38.32 2.59 -4.16	38.97 2.51 -5.41	41.37 2.55 -6.99	48.64 3.02 -11.31	51.26 2.89 -12.72	47.31 2.97 -9.45	45.88 2.39 -9.79	38.65 2.36 -4.33	34.07 2.09 -3.68	33.75 2.30 -4.73	33.19 2.13 -6.06
BARRETT_IC_8 23711	31.27 2.15 -2.50	29.67 2.13 -2.19	24.49 1.94 0.00	24.40 1.70 0.00	23.89 1.83 0.00	26.12 1.91 -0.02	29.48 2.03 0.00	31.24 2.50 0.00	32.62 2.50 -2.05	34.63 2.48 -4.65	33.29 2.42 -2.04	34.74 2.32 -3.09	38.68 2.49 -6.14	38.32 2.59 -4.16	38.97 2.51 -5.41	41.40 2.58 -6.99	48.64 3.02 -11.31	51.22 2.85 -12.72	47.31 2.96 -9.45	45.88 2.39 -9.79	38.65 2.36 -4.33	34.07 2.09 -3.68	33.76 2.30 -4.74	33.19 2.12 -6.06
BARRETT_IC_9 23700	31.27 2.15 -2.50	29.67 2.13 -2.19	24.49 1.94 0.00	24.40 1.70 0.00	23.89 1.83 0.00	26.12 1.91 -0.02	29.48 2.03 0.00	31.24 2.50 0.00	32.62 2.50 -2.05	34.63 2.48 -4.65	33.29 2.42 -2.04	34.74 2.32 -3.09	38.68 2.49 -6.14	38.32 2.59 -4.16	38.97 2.51 -5.41	41.40 2.58 -6.99	48.64 3.02 -11.31	51.22 2.85 -12.72	47.31 2.96 -9.45	45.88 2.39 -9.79	38.65 2.36 -4.33	34.07 2.09 -3.68	33.76 2.30 -4.74	33.19 2.12 -6.06
BARRETT___1 23545	31.27 2.15 -2.50	29.67 2.13 -2.19	24.49 1.94 0.00	24.40 1.70 0.00	23.89 1.83 0.00	26.12 1.91 -0.02	29.48 2.03 0.00	31.24 2.50 0.00	32.62 2.50 -2.05	34.63 2.48 -4.65	33.29 2.42 -2.04	34.74 2.32 -3.09	38.68 2.49 -6.14	38.32 2.59 -4.16	38.97 2.51 -5.41	41.40 2.58 -6.99	48.64 3.02 -11.31	51.22 2.85 -12.72	47.31 2.96 -9.45	45.88 2.39 -9.79	38.65 2.36 -4.33	34.07 2.09 -3.68	33.76 2.30 -4.74	33.19 2.12 -6.06
BARRETT___2 23546	31.27 2.15 -2.50	29.67 2.13 -2.19	24.49 1.94 0.00	24.40 1.70 0.00	23.89 1.83 0.00	26.12 1.91 -0.02	29.48 2.03 0.00	31.24 2.50 0.00	32.62 2.50 -2.05	34.63 2.48 -4.65	33.29 2.42 -2.04	34.74 2.32 -3.09	38.68 2.49 -6.14	38.32 2.59 -4.16	38.97 2.51 -5.41	41.40 2.58 -6.99	48.64 3.02 -11.31	51.22 2.85 -12.72	47.31 2.96 -9.45	45.88 2.39 -9.79	38.65 2.36 -4.33	34.07 2.09 -3.68	33.76 2.30 -4.74	33.19 2.12 -6.06
BATAVIA___115KV_TB1 55881	27.41 0.80 0.00	25.83 0.48 0.00	22.93 0.38 0.00	23.31 0.61 0.00	22.28 0.22 0.00	24.73 0.53 0.00	28.22 0.77 0.00	28.91 0.17 0.00	28.46 0.34 -0.06	27.92 0.22 -0.19	29.17 0.35 0.00	29.72 0.38 0.00	30.25 0.06 -0.15	31.62 0.00 -0.05	31.54 0.09 -0.41	32.38 0.06 -0.48	34.91 -0.24 -0.84	36.53 -0.07 -0.95	35.57 -0.07 -0.74	34.40 -0.03 -0.74	32.37 0.38 -0.03	29.02 0.54 -0.19	27.51 0.67 -0.12	25.87 0.65 -0.21
BAYONEEC___CTG1 323682	28.34 1.73 0.00	27.05 1.70 0.00	24.13 1.58 0.00	24.13 1.43 0.00	23.56 1.50 0.00	25.65 1.45 0.00	29.01 1.56 0.00	30.98 2.24 0.00	31.06 2.27 -0.72	32.25 2.34 -2.41	31.13 2.31 0.00	31.54 2.20 0.00	34.37 2.28 -2.05	34.49 2.34 -0.59	38.69 2.24 -5.41	40.66 2.29 -6.53	48.37 2.75 -11.31	51.11 2.75 -12.71	46.89 2.65 -9.34	45.71 2.22 -9.78	36.05 1.98 -2.12	32.90 1.90 -2.71	30.25 1.93 -1.60	29.53 1.80 -2.72
BAYONEEC___CTG10 323750	28.34 1.73 0.00	27.05 1.70 0.00	24.13 1.58 0.00	24.13 1.43 0.00	23.56 1.50 0.00	25.65 1.45 0.00	29.01 1.56 0.00	30.98 2.24 0.00	31.06 2.27 -0.72	32.25 2.34 -2.41	31.13 2.31 0.00	31.54 2.20 0.00	34.37 2.28 -2.05	34.49 2.34 -0.59	38.69 2.24 -5.41	40.66 2.29 -6.53	48.37 2.75 -11.31	51.11 2.75 -12.71	46.89 2.65 -9.34	45.71 2.22 -9.78	36.05 1.98 -2.12	32.90 1.90 -2.71	30.25 1.93 -1.60	29.53 1.80 -2.72
BAYONEEC___CTG2 323683	28.34 1.73 0.00	27.05 1.70 0.00	24.13 1.58 0.00	24.13 1.43 0.00	23.56 1.50 0.00	25.65 1.45 0.00	29.01 1.56 0.00	30.98 2.24 0.00	31.06 2.27 -0.72	32.25 2.34 -2.41	31.13 2.31 0.00	31.54 2.20 0.00	34.37 2.28 -2.05	34.49 2.34 -0.59	38.69 2.24 -5.41	40.66 2.29 -6.53	48.37 2.75 -11.31	51.11 2.75 -12.71	46.89 2.65 -9.34	45.71 2.22 -9.78	36.05 1.98 -2.12	32.90 1.90 -2.71	30.25 1.93 -1.60	29.53 1.80 -2.72
BAYONEEC___CTG3 323684	28.34 1.73 0.00	27.05 1.70 0.00	24.13 1.58 0.00	24.13 1.43 0.00	23.56 1.50 0.00	25.65 1.45 0.00	29.01 1.56 0.00	30.98 2.24 0.00	31.06 2.27 -0.72	32.25 2.34 -2.41	31.13 2.31 0.00	31.54 2.20 0.00	34.37 2.28 -2.05	34.49 2.34 -0.59	38.69 2.24 -5.41	40.66 2.29 -6.53	48.37 2.75 -11.31	51.11 2.75 -12.71	46.89 2.65 -9.34	45.71 2.22 -9.78	36.05 1.98 -2.12	32.90 1.90 -2.71	30.25 1.93 -1.60	29.53 1.80 -2.72
BAYONEEC___CTG4 323685	28.34 1.73 0.00	27.05 1.70 0.00	24.13 1.58 0.00	24.13 1.43 0.00	23.56 1.50 0.00	25.65 1.45 0.00	29.01 1.56 0.00	30.98 2.24 0.00	31.06 2.27 -0.72	32.25 2.34 -2.41	31.13 2.31 0.00	31.54 2.20 0.00	34.37 2.28 -2.05	34.49 2.34 -0.59	38.69 2.24 -5.41	40.66 2.29 -6.53	48.37 2.75 -11.31	51.11 2.75 -12.71	46.89 2.65 -9.34	45.71 2.22 -9.78	36.05 1.98 -2.12	32.90 1.90 -2.71	30.25 1.93 -1.60	29.53 1.80 -2.72
BAYONEEC___CTG5 323686	28.34 1.73 0.00	27.05 1.70 0.00	24.13 1.58 0.00	24.13 1.43 0.00	23.56 1.50 0.00	25.65 1.45 0.00	29.01 1.56 0.00	30.98 2.24 0.00	31.06 2.27 -0.72	32.25 2.34 -2.41	31.13 2.31 0.00	31.54 2.20 0.00	34.37 2.28 -2.05	34.49 2.34 -0.59	38.69 2.24 -5.41	40.66 2.29 -6.53	48.37 2.75 -11.31	51.11 2.75 -12.71	46.89 2.65 -9.34	45.71 2.22 -9.78	36.05 1.98 -2.12	32.90 1.90 -2.71	30.25 1.93 -1.60	29.53 1.80 -2.72
BAYONEEC___CTG6 323687	28.34 1.73 0.00	27.05 1.70 0.00	24.13 1.58 0.00	24.13 1.43 0.00	23.56 1.50 0.00	25.65 1.45 0.00	29.01 1.56 0.00	30.98 2.24 0.00	31.06 2.27 -0.72	32.25 2.34 -2.41	31.13 2.31 0.00	31.54 2.20 0.00	34.37 2.28 -2.05	34.49 2.34 -0.59	38.69 2.24 -5.41	40.66 2.29 -6.53	48.37 2.75 -11.31	51.11 2.75 -12.71	46.89 2.65 -9.34	45.71 2.22 -9.78	36.05 1.98 -2.12	32.90 1.90 -2.71	30.25 1.93 -1.60	29.53 1.80 -2.72
BAYONEEC___CTG7 323688	28.34 1.73 0.00	27.05 1.70 0.00	24.13 1.58 0.00	24.13 1.43 0.00	23.56 1.50 0.00	25.65 1.45 0.00	29.01 1.56 0.00	30.98 2.24 0.00	31.06 2.27 -0.72	32.25 2.34 -2.41	31.13 2.31 0.00	31.54 2.20 0.00	34.37 2.28 -2.05	34.49 2.34 -0.59	38.69 2.24 -5.41	40.66 2.29 -6.53	48.37 2.75 -11.31	51.11 2.75 -12.71	46.89 2.65 -9.34	45.71 2.22 -9.78	36.05 1.98 -2.12	32.90 1.90 -2.71	30.25 1.93 -1.60	29.53 1.80 -2.72
BAYONEEC___CTG8 323689	28.34 1.73 0.00	27.05 1.70 0.00	24.13 1.58 0.00	24.13 1.43 0.00	23.56 1.50 0.00	25.65 1.45 0.00	29.01 1.56 0.00	30.98 2.24 0.00	31.06 2.27 -0.72	32.25 2.34 -2.41	31.13 2.31 0.00	31.54 2.20 0.00	34.37 2.28 -2.05	34.49 2.34 -0.59	38.69 2.24 -5.41	40.66 2.29 -6.53	48.37 2.75 -11.31	51.11 2.75 -12.71	46.89 2.65 -9.34	45.71 2.22 -9.78	36.05 1.98 -2.12	32.90 1.90 -2.71	30.25 1.93 -1.60	29.53 1.80 -2.72

BAYONEEC___CTG9 323749	28.34 1.73 0.00	27.05 1.70 0.00	24.13 1.58 0.00	24.13 1.43 0.00	23.56 1.50 0.00	25.65 1.45 0.00	29.01 1.56 0.00	30.98 2.24 0.00	31.06 2.27 -0.72	32.25 2.34 -2.41	31.13 2.31 0.00	31.54 2.20 0.00	34.37 2.28 -2.05	34.49 2.34 -0.59	38.69 2.24 -5.41	40.66 2.29 -6.53	48.37 2.75 -11.31	51.11 2.75 -12.71	46.89 2.65 -9.34	45.71 2.22 -9.78	36.05 1.98 -2.12	32.90 1.90 -2.71	30.25 1.93 -1.60	29.53 1.80 -2.72
BEACON___LESR 323632	27.57 0.96 0.00	26.24 0.89 0.00	23.36 0.81 0.00	23.44 0.75 0.00	22.86 0.79 0.00	25.06 0.87 0.00	28.49 1.04 0.00	29.98 1.23 0.00	30.25 1.26 -0.92	31.63 1.21 -2.91	30.12 1.30 0.00	30.60 1.26 0.00	33.42 1.50 -1.88	33.87 1.55 -0.76	38.17 1.55 -5.58	40.02 1.62 -6.56	47.42 1.75 -11.36	50.46 1.89 -12.91	47.61 1.85 -10.86	47.11 1.78 -11.63	38.80 1.69 -5.15	32.53 1.39 -2.85	29.73 1.26 -1.75	29.58 1.18 -3.40
BEAVER RIVER___HYD 24048	26.56 -0.05 0.00	25.28 -0.08 0.00	22.50 -0.05 0.00	22.70 0.00 0.00	22.02 -0.04 0.00	24.22 0.02 0.00	27.69 0.25 0.00	28.86 0.12 0.00	28.06 -0.03 -0.02	27.43 -0.14 -0.06	28.68 -0.14 0.00	29.40 0.06 0.00	30.05 -0.03 -0.04	31.58 0.00 -0.01	31.15 0.00 -0.12	32.01 0.03 -0.14	34.62 0.07 -0.24	36.14 0.22 -0.27	35.42 0.31 -0.21	34.38 0.47 -0.21	32.22 0.25 -0.01	28.41 0.06 -0.05	26.71 -0.05 -0.03	25.09 0.03 -0.06
BEEBEE_GT_13 23619	27.20 0.59 0.00	25.73 0.38 0.00	22.84 0.29 0.00	23.17 0.48 0.00	22.26 0.20 0.00	24.61 0.41 0.00	28.08 0.63 0.00	28.91 0.17 0.00	28.46 0.34 -0.05	27.95 0.28 -0.17	29.11 0.29 0.00	29.69 0.35 0.00	30.35 0.18 -0.13	31.74 0.13 -0.04	31.62 0.22 -0.36	32.46 0.19 -0.43	35.05 0.00 -0.74	36.63 0.14 -0.84	35.70 0.14 -0.66	34.49 0.13 -0.65	32.36 0.38 -0.03	28.95 0.48 -0.17	27.39 0.56 -0.10	25.72 0.53 -0.19
BENSHRST_27_KV_BENSHRST_1 355998	28.42 1.81 0.00	27.18 1.83 0.00	24.15 1.60 0.00	24.19 1.50 0.00	23.67 1.61 0.00	25.57 1.38 0.00	28.87 1.43 0.00	31.07 2.33 0.00	31.20 2.41 -0.72	32.45 2.53 -2.41	31.33 2.51 0.00	31.80 2.46 0.00	34.73 2.64 -2.05	34.90 2.75 -0.59	39.09 2.64 -5.41	41.01 2.64 -6.53	48.67 3.05 -11.31	51.35 2.99 -12.71	47.21 2.97 -9.34	45.98 2.49 -9.78	37.05 2.40 -2.70	33.15 2.15 -2.71	30.44 2.11 -1.60	29.67 1.95 -2.72
BETHLEHEM___GRP 23843	27.01 0.40 0.00	25.78 0.43 0.00	22.93 0.38 0.00	23.01 0.32 0.00	22.46 0.40 0.00	24.58 0.39 0.00	27.89 0.44 0.00	29.46 0.72 0.00	29.72 0.73 -0.92	31.12 0.69 -2.92	29.55 0.72 0.00	30.01 0.67 0.00	32.78 0.84 -1.90	33.18 0.85 -0.76	37.53 0.87 -5.62	39.34 0.89 -6.62	46.73 0.96 -11.46	49.70 1.03 -13.02	46.82 1.01 -10.91	46.31 0.94 -11.67	38.00 0.93 -5.12	31.93 0.76 -2.87	29.18 0.69 -1.76	29.07 0.65 -3.41
BETHLEHEM___GS1 323560	27.12 0.50 0.00	25.83 0.48 0.00	23.00 0.45 0.00	23.08 0.39 0.00	22.48 0.42 0.00	24.61 0.41 0.00	27.94 0.49 0.00	29.46 0.72 0.00	29.71 0.73 -0.92	31.12 0.69 -2.92	29.55 0.72 0.00	30.01 0.68 0.00	32.78 0.84 -1.90	33.18 0.85 -0.76	37.53 0.87 -5.62	39.38 0.92 -6.62	46.73 0.96 -11.46	49.71 1.03 -13.02	46.82 1.01 -10.91	46.31 0.94 -11.67	37.97 0.89 -5.12	31.93 0.76 -2.87	29.18 0.69 -1.76	29.07 0.65 -3.41
BETHLEHEM___GS2 323561	27.12 0.50 0.00	25.83 0.48 0.00	23.00 0.45 0.00	23.08 0.39 0.00	22.48 0.42 0.00	24.61 0.41 0.00	27.94 0.49 0.00	29.46 0.72 0.00	29.71 0.73 -0.92	31.12 0.69 -2.92	29.55 0.72 0.00	30.01 0.68 0.00	32.78 0.84 -1.90	33.18 0.85 -0.76	37.53 0.87 -5.62	39.38 0.92 -6.62	46.73 0.96 -11.46	49.71 1.03 -13.02	46.82 1.01 -10.91	46.31 0.94 -11.67	37.97 0.89 -5.12	31.93 0.76 -2.87	29.18 0.69 -1.76	29.07 0.65 -3.41
BETHLEHEM___GS3 323562	27.12 0.50 0.00	25.83 0.48 0.00	23.00 0.45 0.00	23.08 0.39 0.00	22.48 0.42 0.00	24.61 0.41 0.00	27.94 0.49 0.00	29.46 0.72 0.00	29.71 0.73 -0.92	31.12 0.69 -2.92	29.55 0.72 0.00	30.01 0.68 0.00	32.78 0.84 -1.90	33.18 0.85 -0.76	37.53 0.87 -5.62	39.38 0.92 -6.62	46.73 0.96 -11.46	49.71 1.03 -13.02	46.82 1.01 -10.91	46.31 0.94 -11.67	37.97 0.89 -5.12	31.93 0.76 -2.87	29.18 0.69 -1.76	29.07 0.65 -3.41
BETHLEHEM___STEEL 23779	27.12 0.51 0.00	25.55 0.20 0.00	22.64 0.09 0.00	22.95 0.25 0.00	21.98 -0.09 0.00	24.39 0.19 0.00	27.75 0.30 0.00	28.31 -0.43 0.00	27.77 -0.36 -0.07	27.31 -0.41 -0.22	28.68 -0.14 0.00	29.22 -0.12 0.00	29.75 -0.45 -0.16	30.99 -0.63 -0.06	31.03 -0.47 -0.46	31.78 -0.55 -0.55	34.33 -0.93 -0.95	35.80 -0.93 -1.07	34.83 -0.91 -0.84	33.62 -0.91 -0.83	31.64 -0.35 -0.04	28.34 -0.17 -0.22	26.88 0.03 -0.13	25.34 0.10 -0.24
BETHLHEM_115KV_TB1 79974	27.09 0.48 0.00	25.86 0.51 0.00	23.00 0.45 0.00	23.08 0.39 0.00	22.53 0.46 0.00	24.65 0.46 0.00	27.94 0.49 0.00	29.55 0.80 0.00	29.80 0.81 -0.92	31.20 0.77 -2.93	29.63 0.81 0.00	30.10 0.76 0.00	32.86 0.90 -1.91	33.27 0.95 -0.76	37.65 0.96 -5.65	39.48 0.99 -6.66	46.90 1.06 -11.53	49.85 1.11 -13.09	46.95 1.12 -10.94	46.44 1.04 -11.69	37.97 0.99 -5.02	32.00 0.82 -2.88	29.27 0.78 -1.77	29.14 0.73 -3.41
BETHPAGE_CC_5 323564	31.51 2.40 -2.50	29.84 2.31 -2.18	24.65 2.10 0.00	24.53 1.84 0.00	24.05 1.99 0.00	26.31 2.10 -0.02	29.67 2.22 0.00	31.61 2.87 0.00	33.01 2.89 -2.05	34.99 2.83 -4.65	33.58 2.71 -2.04	35.71 2.61 -3.76	39.09 2.76 -6.28	40.02 2.84 -5.61	39.35 2.76 -5.55	42.26 2.83 -7.59	50.27 3.22 -12.74	52.82 3.07 -14.10	49.67 3.21 -11.56	46.53 2.60 -10.24	39.39 2.65 -4.78	34.53 2.38 -3.85	34.18 2.46 -5.00	33.61 2.25 -6.35
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	27.09 0.48 0.00	25.53 0.18 0.00	22.62 0.07 0.00	22.95 0.25 0.00	21.98 -0.09 0.00	24.39 0.19 0.00	27.75 0.30 0.00	28.34 -0.40 0.00	27.74 -0.39 -0.07	27.26 -0.47 -0.22	28.71 -0.12 0.00	29.25 -0.09 0.00	29.73 -0.48 -0.17	30.99 -0.63 -0.06	31.01 -0.50 -0.46	31.75 -0.64 -0.55	34.34 -0.93 -0.96	35.81 -0.93 -1.08	34.84 -0.91 -0.85	33.60 -0.94 -0.84	31.64 -0.35 -0.04	28.32 -0.20 -0.22	26.86 0.00 -0.13	25.27 0.03 -0.24
BINGHAMTON___COGEN 23790	26.98 0.37 0.00	25.66 0.30 0.00	22.73 0.18 0.00	22.95 0.25 0.00	22.24 0.18 0.00	24.48 0.29 0.00	27.89 0.44 0.00	29.00 0.26 0.00	28.39 0.20 -0.13	28.09 0.17 -0.42	29.11 0.29 0.00	29.66 0.32 0.00	30.53 0.18 -0.31	31.86 0.19 -0.10	32.18 0.28 -0.87	33.16 0.29 -1.03	36.41 0.31 -1.79	38.00 0.32 -2.02	36.80 0.31 -1.58	35.56 0.30 -1.55	32.74 0.38 -0.41	29.01 0.31 -0.41	27.29 0.32 -0.24	25.70 0.25 -0.44
BIXINCNT_115KV_LOAD 355685	27.14 0.53 0.00	25.53 0.18 0.00	22.55 0.00 0.00	22.88 0.18 0.00	21.93 -0.13 0.00	24.34 0.15 0.00	27.78 0.33 0.00	28.37 -0.37 0.00	27.66 -0.48 -0.07	27.13 -0.61 -0.23	28.77 -0.06 0.00	29.37 0.03 0.00	29.70 -0.51 -0.17	30.99 -0.63 -0.06	31.00 -0.53 -0.48	31.75 -0.67 -0.58	34.45 -0.86 -1.00	35.89 -0.89 -1.13	34.95 -0.84 -0.88	33.67 -0.91 -0.88	31.88 -0.29 -0.21	28.27 -0.25 -0.23	26.76 -0.11 -0.14	25.11 -0.15 -0.25

BLACK RIVER___HYD 24047	26.75 0.13 0.00	25.48 0.13 0.00	22.64 0.09 0.00	22.86 0.16 0.00	22.17 0.11 0.00	24.41 0.22 0.00	28.13 0.69 0.00	29.26 0.52 0.00	28.43 0.34 -0.02	27.75 0.17 -0.08	29.00 0.17 0.00	29.78 0.44 0.00	30.43 0.33 -0.06	31.97 0.38 -0.02	31.64 0.43 -0.17	32.48 0.45 -0.20	35.17 0.52 -0.34	36.75 0.71 -0.39	36.08 0.87 -0.30	35.08 1.08 -0.30	32.70 0.74 -0.01	28.85 0.48 -0.08	27.10 0.32 -0.05	25.42 0.32 -0.09
BLACKRVR_115KV_TB2 79977	26.80 0.19 0.00	25.50 0.15 0.00	22.68 0.14 0.00	22.88 0.18 0.00	22.20 0.13 0.00	24.44 0.24 0.00	28.16 0.71 0.00	29.26 0.52 0.00	28.43 0.34 -0.02	27.75 0.17 -0.08	29.00 0.17 0.00	29.78 0.44 0.00	30.43 0.33 -0.06	31.97 0.38 -0.02	31.64 0.43 -0.17	32.57 0.54 -0.20	35.30 0.65 -0.34	36.93 0.89 -0.39	36.21 1.01 -0.30	35.21 1.21 -0.30	32.83 0.86 -0.01	28.85 0.48 -0.08	27.10 0.32 -0.05	25.42 0.33 -0.09
BLISS_WT_PWR 323608	27.12 0.50 0.00	25.68 0.33 0.00	22.53 -0.02 0.00	22.88 0.18 0.00	22.02 -0.04 0.00	24.46 0.27 0.00	27.72 0.27 0.00	28.37 -0.37 0.00	27.66 -0.48 -0.07	27.13 -0.61 -0.23	28.77 -0.06 0.00	29.43 0.09 0.00	29.82 -0.39 -0.17	30.93 -0.69 -0.06	31.00 -0.53 -0.48	31.81 -0.61 -0.58	34.56 -0.75 -1.00	35.89 -0.89 -1.13	34.98 -0.80 -0.88	33.77 -0.81 -0.88	31.52 -0.64 -0.21	28.27 -0.26 -0.23	26.79 -0.08 -0.14	25.11 -0.15 -0.25
BLUESTONE___WT_PWR 323821	28.10 1.49 0.00	26.80 1.44 0.00	23.72 1.17 0.00	23.94 1.25 0.00	23.23 1.17 0.00	25.65 1.45 0.00	29.34 1.89 0.00	30.38 1.64 0.00	29.97 1.68 -0.22	29.75 1.51 -0.73	30.44 1.61 0.00	31.22 1.88 0.00	32.42 1.77 -0.61	33.61 1.86 -0.18	34.61 1.96 -1.62	35.85 2.07 -1.95	40.02 2.33 -3.38	41.66 2.21 -3.80	39.98 2.27 -2.81	38.03 2.56 -1.77	34.60 2.17 -0.47	30.51 1.75 -0.46	28.50 1.50 -0.28	26.84 1.32 -0.50
BLUE_CIRC_CHEM_DRP 24182	27.52 0.90 0.00	26.26 0.91 0.00	23.36 0.81 0.00	23.44 0.75 0.00	22.86 0.79 0.00	25.02 0.82 0.00	28.35 0.91 0.00	29.92 1.18 0.00	30.15 1.18 -0.90	31.53 1.13 -2.90	30.01 1.18 0.00	30.51 1.17 0.00	33.32 1.32 -1.96	33.70 1.39 -0.75	38.17 1.43 -5.70	40.03 1.46 -6.73	47.48 1.51 -11.66	50.52 1.64 -13.22	47.38 1.61 -10.87	46.89 1.58 -11.60	38.04 1.53 -4.55	32.50 1.30 -2.90	29.70 1.20 -1.77	29.52 1.15 -3.37
BOC_GAS_DRP 24189	27.30 0.69 0.00	26.06 0.71 0.00	23.18 0.63 0.00	23.26 0.57 0.00	22.68 0.62 0.00	24.82 0.63 0.00	28.11 0.66 0.00	29.72 0.98 0.00	29.97 0.98 -0.92	31.42 0.96 -2.96	29.81 0.98 0.00	30.28 0.94 0.00	33.10 1.05 -2.01	33.43 1.10 -0.76	37.98 1.12 -5.82	39.86 1.15 -6.88	47.46 1.24 -11.91	50.41 1.25 -13.51	47.25 1.26 -11.09	46.70 1.18 -11.82	37.56 1.12 -4.49	32.25 0.99 -2.96	29.47 0.94 -1.80	29.31 0.88 -3.43
BOONVILLE_115KV_TB1 79983	27.04 0.43 0.00	25.76 0.41 0.00	22.91 0.36 0.00	23.06 0.36 0.00	22.42 0.35 0.00	24.63 0.44 0.00	28.08 0.63 0.00	29.32 0.57 0.00	28.59 0.51 -0.01	27.96 0.41 -0.04	29.26 0.43 0.00	29.96 0.62 0.00	30.64 0.57 -0.03	32.21 0.63 -0.01	31.78 0.65 -0.09	32.61 0.67 -0.11	35.29 0.79 -0.19	36.76 0.89 -0.21	36.01 0.94 -0.17	34.71 1.01 0.00	32.72 0.77 0.00	28.80 0.51 0.00	27.10 0.37 0.00	25.38 0.38 0.00
BORALEX_4TH_BRANCH 23824	27.94 1.33 0.00	26.64 1.29 0.00	23.72 1.17 0.00	23.79 1.09 0.00	23.19 1.12 0.00	25.40 1.21 0.00	28.87 1.43 0.00	30.41 1.67 0.00	30.66 1.68 -0.91	31.90 1.59 -2.79	30.50 1.67 0.00	30.95 1.61 0.00	33.16 1.71 -1.41	34.12 1.80 -0.75	37.53 1.77 -4.72	39.04 1.78 -5.42	45.69 1.99 -9.39	48.58 2.14 -10.78	47.12 2.09 -10.13	46.65 1.92 -11.03	40.03 1.85 -6.22	32.31 1.56 -2.46	29.73 1.44 -1.56	29.72 1.37 -3.34
BOWLINE___1 23526	28.02 1.41 0.00	26.74 1.39 0.00	23.79 1.24 0.00	23.83 1.13 0.00	23.28 1.21 0.00	25.40 1.21 0.00	28.76 1.32 0.00	30.55 1.81 0.00	30.54 1.80 -0.68	31.61 1.82 -2.28	30.67 1.85 0.00	31.10 1.76 0.00	33.84 1.86 -1.94	34.05 1.93 -0.56	37.99 1.83 -5.12	39.89 1.88 -6.18	47.24 2.23 -10.70	49.93 2.25 -12.03	45.96 2.20 -8.85	44.83 1.85 -9.28	36.24 1.72 -2.56	32.47 1.61 -2.57	29.82 1.58 -1.51	29.01 1.42 -2.58
BOWLINE___2 23595	28.02 1.41 0.00	26.74 1.39 0.00	23.79 1.24 0.00	23.83 1.13 0.00	23.28 1.21 0.00	25.40 1.21 0.00	28.79 1.34 0.00	30.55 1.81 0.00	30.54 1.80 -0.68	31.61 1.82 -2.28	30.67 1.85 0.00	31.10 1.76 0.00	33.84 1.86 -1.94	34.08 1.96 -0.56	38.06 1.89 -5.12	39.96 1.94 -6.18	47.32 2.30 -10.71	50.00 2.32 -12.03	45.99 2.24 -8.86	44.87 1.89 -9.28	36.27 1.76 -2.56	32.47 1.61 -2.57	29.84 1.60 -1.51	29.04 1.45 -2.58
BRADY___115KV_TB2 356060	26.29 -0.32 0.00	25.00 -0.35 0.00	22.39 -0.16 0.00	22.54 -0.16 0.00	21.87 -0.20 0.00	23.98 -0.22 0.00	27.15 -0.30 0.00	28.37 -0.37 0.00	27.65 -0.42 0.00	27.07 -0.44 0.00	28.34 -0.49 0.00	28.96 -0.38 0.00	29.62 -0.42 0.00	31.19 -0.38 0.00	30.54 -0.50 0.00	31.33 -0.51 0.00	33.76 -0.55 0.00	35.12 -0.53 0.00	34.34 -0.56 0.00	33.33 -0.37 0.00	31.57 -0.38 0.00	27.90 -0.40 0.00	26.30 -0.43 0.00	24.76 -0.25 0.00
BRANSCOMB___SOLAR 323811	28.07 1.46 0.00	26.74 1.39 0.00	23.81 1.26 0.00	23.90 1.20 0.00	23.30 1.23 0.00	25.55 1.35 0.00	29.04 1.59 0.00	30.46 1.72 0.00	30.74 1.74 -0.93	32.07 1.62 -2.94	30.56 1.73 0.00	31.04 1.70 0.00	33.72 1.86 -1.82	34.26 1.93 -0.77	38.47 1.93 -5.51	40.23 1.94 -6.45	47.54 2.06 -11.17	50.66 2.28 -12.72	48.16 2.34 -10.92	47.75 2.32 -11.72	41.43 2.24 -7.24	33.01 1.90 -2.82	30.16 1.68 -1.74	30.13 1.68 -3.45
BRENTWOD_69_KV_W. BRTWOOD 56703	31.85 2.74 -2.50	30.27 2.74 -2.18	24.96 2.41 0.00	24.85 2.16 0.00	24.36 2.29 0.00	26.70 2.49 -0.02	30.03 2.58 0.00	32.16 3.42 0.00	33.55 3.42 -2.05	35.54 3.38 -4.65	34.18 3.32 -2.04	44.49 3.17 -11.99	41.06 3.03 -7.98	57.98 3.25 -23.16	41.17 3.04 -7.09	49.08 3.09 -14.16	66.09 3.47 -28.31	68.12 3.28 -29.19	66.39 3.46 -28.03	51.66 2.80 -15.16	44.42 3.10 -9.36	36.01 2.69 -5.03	37.84 2.86 -8.25	37.56 2.60 -9.95
BRISTLHL_115KV_TB1 79998	26.37 -0.24 0.00	25.07 -0.28 0.00	22.25 -0.29 0.00	22.47 -0.23 0.00	21.78 -0.29 0.00	23.95 -0.24 0.00	27.91 0.47 0.00	28.97 0.23 0.00	28.25 0.14 -0.04	27.75 0.11 -0.13	29.03 0.20 0.00	29.60 0.26 0.00	30.32 0.18 -0.10	31.76 0.16 -0.03	31.55 0.25 -0.27	32.44 0.29 -0.32	35.17 0.31 -0.55	36.63 0.36 -0.62	35.77 0.38 -0.49	34.66 0.47 -0.48	32.36 0.38 -0.02	28.70 0.28 -0.13	27.07 0.27 -0.08	25.37 0.23 -0.14
BROOKHAVEN___DRP 24191	31.94 2.82 -2.51	30.36 2.81 -2.19	25.06 2.50 -0.01	24.90 2.20 0.00	24.42 2.36 0.00	26.77 2.56 -0.02	30.08 2.63 0.00	32.22 3.48 0.00	33.55 3.42 -2.05	35.51 3.36 -4.65	34.18 3.32 -2.04	38.29 3.20 -5.75	40.93 3.21 -7.67	54.35 3.44 -19.34	47.79 3.35 -13.40	76.41 3.44 -41.14	130.51 3.95 -92.26	130.61 3.81 -91.14	134.38 3.94 -95.54	72.39 3.30 -35.39	45.77 3.32 -10.49	41.04 2.91 -9.83	37.27 2.97 -7.58	36.98 2.75 -9.22

BROOKLYN_NAVY_YARD 23515	28.34 1.73 0.00	27.05 1.70 0.00	24.10 1.55 0.00	24.13 1.43 0.00	23.54 1.48 0.00	25.65 1.45 0.00	29.01 1.56 0.00	31.01 2.27 0.00	31.11 2.33 -0.72	32.28 2.37 -2.41	31.13 2.31 0.00	31.54 2.20 0.00	34.40 2.31 -2.05	34.53 2.37 -0.59	38.75 2.30 -5.41	40.69 2.32 -6.53	48.43 2.81 -11.31	51.18 2.82 -12.71	46.97 2.72 -9.34	45.78 2.29 -9.78	36.70 2.05 -2.70	32.93 1.93 -2.71	30.30 1.98 -1.60	29.53 1.80 -2.72
BROOKLYN___ARMY_DRP 323595	28.29 1.68 0.00	27.05 1.70 0.00	24.04 1.49 0.00	24.10 1.41 0.00	23.59 1.52 0.00	25.48 1.28 0.00	28.76 1.32 0.00	30.92 2.18 0.00	31.06 2.27 -0.72	32.28 2.37 -2.41	31.19 2.36 0.00	31.66 2.32 0.00	34.58 2.49 -2.05	34.71 2.56 -0.59	38.90 2.45 -5.41	40.82 2.45 -6.53	48.43 2.81 -11.31	51.10 2.75 -12.71	46.96 2.72 -9.34	45.78 2.29 -9.78	36.86 2.20 -2.70	33.01 2.01 -2.71	30.28 1.95 -1.60	29.55 1.83 -2.72
BROOKVLE_69_KV_TB1 55790	31.21 2.10 -2.50	29.64 2.10 -2.18	24.40 1.85 0.00	24.38 1.68 0.00	23.87 1.81 0.00	26.07 1.86 -0.02	29.42 1.98 0.00	31.44 2.70 0.00	32.87 2.75 -2.05	34.93 2.78 -4.65	33.69 2.82 -2.04	35.21 2.79 -3.09	39.13 2.94 -6.14	38.73 3.00 -4.16	39.40 2.95 -5.41	41.79 2.96 -6.99	49.09 3.47 -11.31	51.76 3.39 -12.72	48.02 3.39 -9.73	46.32 2.83 -9.79	39.06 2.75 -4.36	34.53 2.52 -3.71	33.94 2.49 -4.73	33.34 2.28 -6.06
BROOME_2_LFGE 323671	26.96 0.35 0.00	25.68 0.33 0.00	22.71 0.16 0.00	22.95 0.25 0.00	22.26 0.20 0.00	24.51 0.31 0.00	27.86 0.41 0.00	29.00 0.26 0.00	28.39 0.20 -0.13	28.09 0.17 -0.42	29.11 0.29 0.00	29.66 0.32 0.00	30.56 0.21 -0.31	31.86 0.19 -0.10	32.18 0.28 -0.87	33.15 0.29 -1.03	36.41 0.31 -1.79	37.96 0.28 -2.02	36.80 0.31 -1.58	35.59 0.34 -1.55	32.68 0.32 -0.41	29.01 0.31 -0.41	27.29 0.32 -0.24	25.70 0.25 -0.44
BROOME___LFGE 323600	26.96 0.35 0.00	25.68 0.33 0.00	22.71 0.16 0.00	22.95 0.25 0.00	22.26 0.20 0.00	24.51 0.31 0.00	27.86 0.41 0.00	29.00 0.26 0.00	28.39 0.20 -0.13	28.09 0.17 -0.42	29.11 0.29 0.00	29.66 0.32 0.00	30.56 0.21 -0.31	31.86 0.19 -0.10	32.18 0.28 -0.87	33.15 0.29 -1.03	36.41 0.31 -1.79	37.96 0.28 -2.02	36.80 0.31 -1.58	35.59 0.34 -1.55	32.68 0.32 -0.41	29.01 0.31 -0.41	27.29 0.32 -0.24	25.70 0.25 -0.44
BROWNFLS_115KV_TB_3_5 80003	26.32 -0.29 0.00	25.05 -0.30 0.00	22.37 -0.18 0.00	22.51 -0.18 0.00	21.87 -0.20 0.00	23.95 -0.24 0.00	27.23 -0.22 0.00	28.37 -0.37 0.00	27.59 -0.48 0.00	26.93 -0.58 0.00	28.22 -0.61 0.00	28.90 -0.44 0.00	29.53 -0.51 0.00	31.06 -0.51 0.00	30.48 -0.56 0.00	31.33 -0.51 0.00	33.79 -0.51 0.00	35.19 -0.46 0.00	34.48 -0.42 0.00	33.46 -0.24 0.00	31.60 -0.35 0.00	27.84 -0.45 0.00	26.25 -0.48 0.00	24.73 -0.28 0.00
BROWNSV1_27_KV_LOAD 356125	28.45 1.84 0.00	27.23 1.88 0.00	24.19 1.65 0.00	24.26 1.57 0.00	23.72 1.65 0.00	25.79 1.60 0.00	29.12 1.67 0.00	31.24 2.50 0.00	31.34 2.55 -0.72	32.53 2.61 -2.41	31.42 2.59 0.00	31.86 2.52 0.00	34.73 2.64 -2.05	34.90 2.75 -0.59	39.09 2.64 -5.41	41.04 2.67 -6.53	48.85 3.23 -11.31	51.61 3.24 -12.71	47.38 3.14 -9.34	46.18 2.70 -9.78	37.08 2.43 -2.70	33.24 2.24 -2.71	30.54 2.22 -1.60	29.77 2.05 -2.72
BURROWS___LYONSDAL 23803	26.96 0.35 0.00	25.68 0.33 0.00	22.84 0.29 0.00	22.99 0.30 0.00	22.33 0.26 0.00	24.56 0.36 0.00	28.02 0.58 0.00	29.23 0.49 0.00	28.50 0.42 -0.01	27.86 0.30 -0.05	29.14 0.32 0.00	29.84 0.50 0.00	30.53 0.45 -0.03	32.08 0.51 -0.01	31.66 0.53 -0.10	32.52 0.57 -0.11	35.19 0.69 -0.20	36.66 0.78 -0.22	35.91 0.84 -0.18	34.82 0.94 -0.17	32.66 0.70 -0.01	28.76 0.42 -0.05	27.05 0.29 -0.03	25.38 0.33 -0.05
CAITHNESS_CC_1 323624	32.00 2.87 -2.51	30.33 2.79 -2.19	25.08 2.52 -0.01	24.92 2.23 0.00	24.45 2.38 0.00	26.77 2.56 -0.02	30.11 2.66 0.00	32.13 3.39 0.00	33.43 3.31 -2.05	35.40 3.24 -4.65	34.07 3.20 -2.04	38.14 3.05 -5.75	40.86 3.15 -7.67	54.13 3.28 -19.28	47.59 3.20 -13.35	76.03 3.25 -40.95	129.85 3.74 -91.80	129.92 3.56 -90.70	133.69 3.74 -95.06	72.04 3.10 -35.24	45.55 3.13 -10.46	40.83 2.74 -9.79	37.13 2.83 -7.57	36.84 2.62 -9.21
CALPINE BETH_PAGE_GT4 24209	31.27 2.16 -2.50	29.69 2.15 -2.18	24.46 1.92 0.00	24.38 1.68 0.00	23.89 1.83 0.00	26.15 1.94 -0.02	29.45 2.00 0.00	31.50 2.76 0.00	32.93 2.81 -2.05	34.85 2.70 -4.65	33.46 2.59 -2.04	35.46 2.55 -3.57	38.93 2.64 -6.24	39.59 2.81 -5.21	39.26 2.70 -5.52	42.04 2.77 -7.44	49.91 3.23 -12.37	52.46 3.07 -13.74	49.25 3.18 -11.17	46.38 2.56 -10.12	39.25 2.62 -4.68	34.44 2.32 -3.83	34.08 2.43 -4.92	33.50 2.23 -6.27
CALPINE_BETH_PAGE_GT_4 323586	31.43 2.31 -2.50	29.76 2.23 -2.18	24.55 2.01 0.00	24.47 1.77 0.00	23.98 1.92 0.00	26.22 2.01 -0.02	29.59 2.14 0.00	31.53 2.79 0.00	32.93 2.81 -2.05	34.85 2.70 -4.65	33.46 2.60 -2.04	35.46 2.55 -3.57	38.99 2.70 -6.24	39.59 2.81 -5.21	39.29 2.73 -5.52	42.07 2.80 -7.44	49.91 3.22 -12.37	52.46 3.07 -13.74	49.25 3.18 -11.17	46.38 2.56 -10.12	39.22 2.59 -4.68	34.44 2.32 -3.83	34.08 2.43 -4.92	33.50 2.22 -6.27
CALPINE_BP_GT1 23823	31.43 2.31 -2.50	29.76 2.23 -2.18	24.55 2.01 0.00	24.47 1.77 0.00	23.98 1.92 0.00	26.22 2.01 -0.02	29.59 2.14 0.00	31.53 2.79 0.00	32.93 2.81 -2.05	34.85 2.70 -4.65	33.46 2.60 -2.04	35.46 2.55 -3.57	38.99 2.70 -6.24	39.59 2.81 -5.21	39.29 2.73 -5.52	42.07 2.80 -7.44	49.91 3.22 -12.37	52.46 3.07 -13.74	49.25 3.18 -11.17	46.38 2.56 -10.12	39.22 2.59 -4.68	34.44 2.32 -3.83	34.08 2.43 -4.92	33.50 2.22 -6.27
CALSPAN___DRP 24200	27.12 0.51 0.00	25.55 0.20 0.00	22.64 0.09 0.00	22.95 0.25 0.00	21.98 -0.09 0.00	24.39 0.19 0.00	27.75 0.30 0.00	28.31 -0.43 0.00	27.77 -0.36 -0.07	27.31 -0.41 -0.22	28.68 -0.14 0.00	29.22 -0.12 0.00	29.75 -0.45 -0.16	30.99 -0.63 -0.06	31.03 -0.47 -0.46	31.78 -0.60 -0.55	34.33 -0.93 -0.95	35.80 -0.93 -1.07	34.83 -0.91 -0.84	33.62 -0.91 -0.83	31.64 -0.35 -0.04	28.34 -0.17 -0.22	26.88 0.03 -0.13	25.34 0.10 -0.24
CALVERTON___SOLAR 323806	32.58 3.46 -2.51	30.89 3.35 -2.19	25.56 3.00 -0.01	25.40 2.70 0.00	24.91 2.85 0.00	27.31 3.10 -0.02	30.71 3.26 0.00	32.76 4.02 0.00	34.05 3.93 -2.05	36.06 3.90 -4.65	34.79 3.92 -2.04	38.90 3.81 -5.75	41.69 3.97 -7.68	55.12 4.13 -19.42	48.59 4.10 -13.46	77.43 4.20 -41.39	132.01 4.84 -92.87	132.13 4.74 -91.73	135.97 4.89 -96.19	73.42 4.14 -35.58	46.61 4.12 -10.53	41.76 3.59 -9.88	37.85 3.53 -7.59	37.49 3.25 -9.24
CANDIGU_WT_PWR 323617	27.12 0.50 0.00	25.78 0.43 0.00	22.71 0.16 0.00	23.01 0.32 0.00	22.24 0.18 0.00	24.61 0.41 0.00	27.94 0.49 0.00	28.83 0.09 0.00	28.18 0.03 -0.09	27.80 0.00 -0.29	29.06 0.23 0.00	29.57 0.23 0.00	30.26 0.00 -0.22	31.58 -0.06 -0.07	31.74 0.09 -0.60	32.65 0.10 -0.72	35.52 -0.03 -1.25	36.99 -0.07 -1.41	36.00 0.00 -1.10	34.76 -0.03 -1.09	32.35 0.13 -0.27	28.83 0.25 -0.29	27.25 0.35 -0.17	25.59 0.28 -0.31

CARR STREET_E__SYR 24060	26.45 -0.16 0.00	25.20 -0.15 0.00	22.32 -0.23 0.00	22.56 -0.14 0.00	21.89 -0.18 0.00	24.07 -0.12 0.00	27.37 -0.08 0.00	28.42 -0.32 0.00	27.69 -0.42 -0.04	27.23 -0.41 -0.14	28.45 -0.38 0.00	28.99 -0.35 0.00	29.69 -0.45 -0.10	31.13 -0.47 -0.03	30.92 -0.40 -0.28	31.76 -0.41 -0.34	34.38 -0.51 -0.58	35.78 -0.53 -0.66	34.93 -0.49 -0.52	33.81 -0.40 -0.51	31.56 -0.42 -0.02	28.17 -0.26 -0.13	26.62 -0.19 -0.08	24.98 -0.17 -0.15
CARTHAGE__PAPER 23857	26.61 0.00 0.00	25.33 -0.03 0.00	22.55 0.00 0.00	22.74 0.05 0.00	22.06 0.00 0.00	24.27 0.07 0.00	27.86 0.41 0.00	29.00 0.26 0.00	28.17 0.08 -0.02	27.52 -0.05 -0.07	28.77 -0.06 0.00	29.52 0.18 0.00	30.18 0.09 -0.05	31.71 0.13 -0.02	31.34 0.16 -0.15	32.17 0.16 -0.17	34.85 0.24 -0.30	36.42 0.43 -0.34	35.72 0.56 -0.27	34.71 0.74 -0.26	32.41 0.45 -0.01	28.59 0.23 -0.07	26.85 0.08 -0.04	25.21 0.13 -0.08
CASSADAGA_WT_PWR 323784	27.46 0.85 0.00	26.01 0.66 0.00	22.82 0.27 0.00	23.13 0.43 0.00	22.26 0.20 0.00	24.73 0.53 0.00	28.02 0.58 0.00	28.77 0.03 0.00	28.17 0.03 -0.07	27.71 -0.03 -0.23	29.17 0.35 0.00	29.81 0.47 0.00	30.36 0.15 -0.17	31.53 -0.09 -0.06	31.55 0.03 -0.48	32.35 -0.06 -0.58	35.07 -0.24 -1.00	36.49 -0.29 -1.13	35.54 -0.24 -0.88	34.34 -0.23 -0.88	32.16 0.00 -0.21	28.92 0.40 -0.23	27.43 0.56 -0.14	25.73 0.47 -0.25
CE_DUNWOOD__DRP 24194	28.07 1.46 0.00	26.85 1.50 0.00	23.88 1.33 0.00	23.92 1.23 0.00	23.39 1.32 0.00	25.50 1.31 0.00	28.82 1.37 0.00	30.75 2.01 0.00	30.83 2.05 -0.71	32.00 2.09 -2.40	30.93 2.10 0.00	31.36 2.02 0.00	34.25 2.16 -2.04	34.40 2.24 -0.59	38.63 2.20 -5.39	40.57 2.23 -6.50	48.22 2.64 -11.27	50.99 2.67 -12.66	46.79 2.58 -9.31	45.67 2.22 -9.75	36.69 2.05 -2.69	32.83 1.84 -2.70	30.11 1.79 -1.59	29.36 1.65 -2.71
CE_MILLWOOD__DRP 24193	28.00 1.38 0.00	26.80 1.45 0.00	23.81 1.26 0.00	23.85 1.16 0.00	23.32 1.26 0.00	25.43 1.23 0.00	28.76 1.32 0.00	30.67 1.93 0.00	30.74 1.96 -0.71	31.87 1.98 -2.38	30.84 2.02 0.00	31.28 1.94 0.00	34.14 2.07 -2.03	34.30 2.15 -0.58	38.51 2.11 -5.36	40.46 2.16 -6.46	48.08 2.57 -11.19	50.84 2.60 -12.58	46.66 2.51 -9.24	45.54 2.16 -9.68	36.61 1.98 -2.67	32.73 1.75 -2.68	30.04 1.74 -1.58	29.27 1.58 -2.69
CE_NYC2_DRP 24202	28.18 1.57 0.00	26.97 1.62 0.00	23.95 1.40 0.00	24.01 1.32 0.00	23.48 1.41 0.00	25.48 1.28 0.00	28.76 1.32 0.00	30.87 2.13 0.00	31.00 2.22 -0.72	32.23 2.31 -2.41	31.10 2.28 0.00	31.57 2.23 0.00	34.46 2.37 -2.05	34.59 2.43 -0.59	38.75 2.30 -5.41	40.69 2.32 -6.53	48.30 2.68 -11.31	50.96 2.60 -12.71	46.82 2.58 -9.34	45.64 2.16 -9.78	36.70 2.05 -2.70	32.90 1.90 -2.71	30.22 1.90 -1.60	29.50 1.78 -2.72
CE_NYC_DRP 24195	28.21 1.60 0.00	27.02 1.67 0.00	24.04 1.49 0.00	24.08 1.38 0.00	23.54 1.48 0.00	25.60 1.40 0.00	28.90 1.45 0.00	30.98 2.24 0.00	31.11 2.33 -0.72	32.28 2.37 -2.41	31.19 2.36 0.00	31.60 2.26 0.00	34.46 2.37 -2.05	34.62 2.46 -0.59	38.81 2.36 -5.41	40.75 2.39 -6.53	48.50 2.88 -11.31	51.22 2.85 -12.71	47.00 2.76 -9.34	45.81 2.33 -9.78	36.77 2.11 -2.70	32.98 1.98 -2.71	30.30 1.98 -1.60	29.55 1.83 -2.72
CHAFFEE__LFGE 323603	27.04 0.42 0.00	25.66 0.31 0.00	22.57 0.02 0.00	22.92 0.23 0.00	22.06 0.00 0.00	24.49 0.29 0.00	27.72 0.27 0.00	28.40 -0.34 0.00	27.80 -0.34 -0.07	27.32 -0.41 -0.23	28.74 -0.09 0.00	29.31 -0.03 0.00	29.88 -0.33 -0.17	31.02 -0.60 -0.06	31.08 -0.43 -0.47	31.86 -0.54 -0.56	34.50 -0.79 -0.97	35.86 -0.89 -1.10	34.96 -0.80 -0.86	33.75 -0.81 -0.85	31.45 -0.54 -0.04	28.38 -0.14 -0.22	26.92 0.05 -0.13	25.33 0.08 -0.24
CHATEAUG_35_KV_LOAD 355732	26.72 0.11 0.00	25.35 0.00 0.00	22.77 0.23 0.00	22.95 0.25 0.00	22.24 0.18 0.00	24.44 0.24 0.00	27.67 0.22 0.00	28.97 0.23 0.00	28.29 0.22 0.00	27.73 0.22 0.00	29.06 0.23 0.00	29.63 0.29 0.00	30.31 0.27 0.00	31.91 0.35 0.00	31.16 0.12 0.00	32.00 0.16 0.00	34.41 0.10 0.00	35.44 -0.21 0.00	34.62 -0.28 0.00	33.57 -0.13 0.00	31.92 -0.03 0.00	28.49 0.20 0.00	26.83 0.11 0.00	25.16 0.15 0.00
CHATEAUG_WT_PWR 323614	26.75 0.13 0.00	25.38 0.03 0.00	22.77 0.23 0.00	22.97 0.27 0.00	22.24 0.18 0.00	24.44 0.24 0.00	27.67 0.22 0.00	28.97 0.23 0.00	28.27 0.20 0.00	27.73 0.22 0.00	29.06 0.23 0.00	29.63 0.29 0.00	30.31 0.27 0.00	31.91 0.35 0.00	31.16 0.12 0.00	32.00 0.16 0.00	34.45 0.14 0.00	35.69 0.04 0.00	34.62 -0.28 0.00	33.63 -0.07 0.00	32.31 0.35 0.00	28.49 0.20 0.00	26.84 0.11 0.00	25.18 0.18 0.00
CHAT_HIGH_FALL_HYD 323578	26.75 0.13 0.00	25.35 0.00 0.00	22.80 0.25 0.00	22.97 0.27 0.00	22.24 0.18 0.00	24.44 0.24 0.00	27.67 0.22 0.00	28.97 0.23 0.00	28.29 0.22 0.00	27.73 0.22 0.00	29.06 0.23 0.00	29.63 0.29 0.00	30.31 0.27 0.00	31.91 0.35 0.00	31.16 0.12 0.00	32.00 0.16 0.00	34.45 0.14 0.00	35.72 0.07 0.00	34.69 -0.21 0.00	33.67 -0.03 0.00	32.31 0.35 0.00	28.49 0.20 0.00	26.84 0.11 0.00	25.16 0.15 0.00
CHAUTAUQUA__LFGE 323629	27.30 0.69 0.00	25.91 0.56 0.00	22.75 0.20 0.00	23.08 0.39 0.00	22.20 0.13 0.00	24.65 0.46 0.00	27.91 0.47 0.00	28.65 -0.09 0.00	28.11 -0.03 -0.07	27.65 -0.08 -0.23	29.06 0.23 0.00	29.66 0.32 0.00	30.21 0.00 -0.17	31.44 -0.19 -0.06	31.48 -0.03 -0.48	32.28 -0.13 -0.57	34.95 -0.34 -0.98	36.34 -0.43 -1.11	35.42 -0.35 -0.87	34.19 -0.37 -0.86	31.86 -0.13 -0.04	28.77 0.25 -0.23	27.29 0.43 -0.14	25.65 0.40 -0.25
CHERRYST_13_KV_LD 356241	28.29 1.68 0.00	27.10 1.75 0.00	24.10 1.56 0.00	24.15 1.45 0.00	23.61 1.54 0.00	25.67 1.48 0.00	28.98 1.54 0.00	31.07 2.33 0.00	31.20 2.41 -0.72	32.39 2.48 -2.41	31.28 2.45 0.00	31.72 2.38 0.00	34.58 2.49 -2.05	34.75 2.59 -0.59	38.93 2.48 -5.41	40.88 2.52 -6.53	48.64 3.02 -11.31	51.40 3.03 -12.71	47.14 2.90 -9.34	45.94 2.46 -9.78	36.86 2.20 -2.70	33.07 2.07 -2.71	30.38 2.06 -1.60	29.65 1.93 -2.72
CHESTROR_138KV_BK263 355645	27.73 1.12 0.00	26.49 1.14 0.00	23.54 0.99 0.00	23.63 0.93 0.00	23.06 0.99 0.00	25.19 0.99 0.00	28.49 1.04 0.00	30.26 1.52 0.00	30.19 1.49 -0.63	31.11 1.49 -2.12	30.33 1.50 0.00	30.78 1.44 0.00	33.39 1.56 -1.79	33.73 1.64 -0.52	37.38 1.61 -4.73	39.19 1.66 -5.70	46.18 1.99 -9.88	48.76 2.00 -11.11	45.05 1.95 -8.20	43.95 1.65 -8.60	35.86 1.53 -2.38	32.03 1.36 -2.37	29.49 1.36 -1.40	28.65 1.25 -2.39
CH_MIDHUDSON__DRP 24192	27.97 1.36 0.00	26.75 1.39 0.00	23.77 1.22 0.00	23.83 1.13 0.00	23.28 1.21 0.00	25.38 1.19 0.00	28.68 1.24 0.00	30.52 1.78 0.00	30.54 1.74 -0.74	31.72 1.76 -2.45	30.58 1.76 0.00	31.04 1.70 0.00	33.90 1.86 -2.00	34.10 1.93 -0.61	38.33 1.92 -5.36	40.25 1.97 -6.44	47.81 2.33 -11.17	50.61 2.39 -12.57	46.69 2.34 -9.45	45.67 2.02 -9.94	36.61 1.85 -2.80	32.63 1.64 -2.70	29.96 1.63 -1.60	29.27 1.48 -2.79

CH_MISC_IPPS 23765	28.26 1.65 0.00	26.97 1.62 0.00	23.97 1.42 0.00	24.03 1.34 0.00	23.43 1.37 0.00	25.57 1.38 0.00	28.96 1.51 0.00	30.70 1.96 0.00	30.61 1.82 -0.72	31.74 1.84 -2.39	30.64 1.82 0.00	31.13 1.79 0.00	33.99 1.98 -1.97	34.21 2.05 -0.59	38.38 2.08 -5.26	40.30 2.13 -6.33	47.82 2.54 -10.97	50.60 2.60 -12.34	46.67 2.55 -9.22	45.62 2.22 -9.69	36.69 2.01 -2.72	32.69 1.75 -2.64	30.08 1.79 -1.57	29.34 1.62 -2.71
CH_RES_BVR_FALLS 23983	26.29 -0.32 0.00	25.02 -0.33 0.00	22.32 -0.23 0.00	22.45 -0.25 0.00	21.82 -0.24 0.00	23.93 -0.27 0.00	27.12 -0.33 0.00	28.40 -0.34 0.00	27.73 -0.34 0.00	27.18 -0.33 0.00	28.48 -0.34 0.00	28.99 -0.35 0.00	29.68 -0.36 0.00	31.22 -0.35 0.00	30.63 -0.40 0.00	31.42 -0.41 0.00	33.90 -0.41 0.00	35.23 -0.43 0.00	34.45 -0.45 0.00	33.30 -0.40 0.00	31.60 -0.35 0.00	27.96 -0.34 0.00	26.38 -0.35 0.00	24.71 -0.30 0.00
CH_RES_NIAGARA 23895	26.29 -0.32 0.00	25.00 -0.35 0.00	22.01 -0.54 0.00	22.33 -0.36 0.00	21.49 -0.57 0.00	23.81 -0.39 0.00	26.87 -0.58 0.00	27.36 -1.38 0.00	27.04 -1.10 -0.06	26.58 -1.13 -0.21	27.73 -1.10 0.00	28.25 -1.08 0.00	28.84 -1.35 -0.15	30.01 -1.61 -0.05	30.07 -1.40 -0.43	30.82 -1.53 -0.51	33.27 -1.92 -0.89	34.59 -2.07 -1.00	33.73 -1.95 -0.78	32.59 -1.89 -0.78	30.45 -1.53 -0.03	27.57 -0.93 -0.20	26.21 -0.64 -0.12	24.78 -0.45 -0.22
CH_RES_SYRACUSE 23985	26.61 0.00 0.00	25.33 -0.03 0.00	22.44 -0.11 0.00	22.70 0.00 0.00	22.00 -0.07 0.00	24.19 0.00 0.00	27.64 0.19 0.00	28.77 0.03 0.00	28.09 -0.03 -0.05	27.60 -0.05 -0.15	28.83 0.00 0.00	29.40 0.06 0.00	30.12 -0.03 -0.11	31.54 -0.06 -0.04	31.38 0.03 -0.31	32.21 0.00 -0.37	34.92 -0.03 -0.64	36.35 -0.04 -0.73	35.47 0.00 -0.57	34.33 0.07 -0.56	32.01 0.03 -0.02	28.53 0.09 -0.15	26.90 0.08 -0.09	25.24 0.08 -0.16
CLINTON_WT_PWR 323605	26.75 0.13 0.00	25.38 0.03 0.00	22.77 0.23 0.00	22.97 0.27 0.00	22.24 0.18 0.00	24.44 0.24 0.00	27.67 0.22 0.00	28.97 0.23 0.00	28.27 0.20 0.00	27.73 0.22 0.00	29.06 0.23 0.00	29.63 0.29 0.00	30.31 0.27 0.00	31.91 0.35 0.00	31.16 0.12 0.00	32.00 0.16 0.00	34.45 0.14 0.00	35.69 0.04 0.00	34.62 -0.28 0.00	33.63 -0.07 0.00	32.31 0.35 0.00	28.49 0.20 0.00	26.84 0.11 0.00	25.18 0.18 0.00
CLINTON__LFGE 323618	27.01 0.40 0.00	25.58 0.23 0.00	23.04 0.50 0.00	23.22 0.52 0.00	22.48 0.42 0.00	24.73 0.53 0.00	28.00 0.55 0.00	29.29 0.54 0.00	28.57 0.51 0.00	28.03 0.52 0.00	29.37 0.55 0.00	29.96 0.62 0.00	30.61 0.57 0.00	32.26 0.69 0.00	31.47 0.43 0.00	32.34 0.51 0.00	34.79 0.48 0.00	36.08 0.43 0.00	34.97 0.07 0.00	34.04 0.34 0.00	32.82 0.86 0.00	28.92 0.62 0.00	27.21 0.48 0.00	25.53 0.53 0.00
COBBLENY_34_KV_TB1 80064	27.12 0.51 0.00	25.55 0.20 0.00	22.62 0.07 0.00	22.95 0.25 0.00	21.98 -0.09 0.00	24.39 0.19 0.00	27.80 0.36 0.00	28.40 -0.34 0.00	27.80 -0.34 -0.07	27.32 -0.41 -0.23	28.74 -0.09 0.00	29.31 -0.03 0.00	29.82 -0.39 -0.17	31.06 -0.57 -0.06	31.08 -0.43 -0.47	31.83 -0.57 -0.56	34.43 -0.86 -0.97	35.90 -0.86 -1.10	34.92 -0.84 -0.86	33.68 -0.88 -0.85	31.67 -0.32 -0.04	28.38 -0.14 -0.22	26.89 0.03 -0.13	25.32 0.08 -0.24
COFFEEN__115KV_TB3 355620	26.96 0.35 0.00	25.66 0.30 0.00	22.80 0.25 0.00	23.01 0.32 0.00	22.33 0.26 0.00	24.58 0.39 0.00	28.38 0.93 0.00	29.46 0.72 0.00	28.60 0.51 -0.02	27.92 0.33 -0.08	29.17 0.35 0.00	29.98 0.65 0.00	30.61 0.51 -0.06	32.19 0.60 -0.02	31.83 0.62 -0.17	32.83 0.80 -0.20	35.58 0.93 -0.35	37.22 1.18 -0.39	36.54 1.33 -0.31	35.56 1.55 -0.31	33.12 1.15 -0.01	29.05 0.68 -0.08	27.26 0.48 -0.05	25.57 0.48 -0.09
COLDSPRG_115KV_BK1 355956	27.44 0.82 0.00	25.83 0.48 0.00	22.82 0.27 0.00	23.15 0.45 0.00	22.20 0.13 0.00	24.68 0.48 0.00	28.19 0.74 0.00	28.91 0.17 0.00	28.17 0.03 -0.07	27.69 -0.06 -0.24	29.29 0.46 0.00	29.87 0.53 0.00	30.28 0.06 -0.18	31.60 -0.03 -0.06	31.60 0.06 -0.49	32.36 -0.06 -0.59	35.06 -0.27 -1.02	36.59 -0.21 -1.15	35.59 -0.21 -0.90	34.29 -0.30 -0.90	32.52 0.35 -0.21	28.84 0.31 -0.23	27.30 0.43 -0.14	25.56 0.30 -0.26
COLONIE_LFGE__ 323577	27.81 1.20 0.00	26.49 1.14 0.00	23.59 1.04 0.00	23.67 0.98 0.00	23.08 1.02 0.00	25.28 1.09 0.00	28.71 1.26 0.00	30.21 1.46 0.00	30.48 1.49 -0.93	31.82 1.40 -2.91	30.32 1.50 0.00	30.81 1.47 0.00	33.36 1.59 -1.73	33.97 1.64 -0.76	38.02 1.64 -5.34	39.75 1.69 -6.23	46.91 1.82 -10.78	49.91 1.96 -12.30	47.59 1.57 -10.73	47.11 1.85 -11.56	40.56 1.76 -6.85	32.54 1.50 -2.74	29.79 1.36 -1.70	29.75 1.32 -3.42
COOPERNY_115KV_TB1 80082	27.38 0.77 0.00	26.16 0.81 0.00	23.25 0.70 0.00	23.35 0.66 0.00	22.77 0.71 0.00	24.90 0.70 0.00	28.22 0.77 0.00	29.92 1.18 0.00	29.62 1.15 -0.40	29.97 1.13 -1.34	29.98 1.15 0.00	30.45 1.11 0.00	32.34 1.17 -1.12	33.13 1.23 -0.33	35.23 1.21 -2.98	36.67 1.24 -3.60	42.01 1.48 -6.23	44.23 1.57 -7.01	41.62 1.54 -5.19	40.60 1.21 -5.69	34.65 1.12 -1.58	30.82 0.96 -1.56	28.61 0.96 -0.92	27.47 0.88 -1.59
COPENHAGEN_WT_PWR 323753	26.72 0.11 0.00	25.43 0.08 0.00	22.59 0.05 0.00	22.81 0.11 0.00	22.13 0.07 0.00	24.36 0.17 0.00	28.10 0.66 0.00	29.20 0.46 0.00	28.37 0.28 -0.03	27.73 0.14 -0.08	29.00 0.17 0.00	29.75 0.41 0.00	30.40 0.30 -0.06	31.94 0.35 -0.02	31.59 0.37 -0.17	32.43 0.38 -0.21	35.08 0.41 -0.36	36.67 0.61 -0.41	35.99 0.77 -0.32	35.00 0.98 -0.32	32.61 0.64 -0.01	28.80 0.43 -0.08	27.07 0.29 -0.05	25.40 0.30 -0.09
CORNELL____ 23752	27.33 0.72 0.00	25.96 0.61 0.00	23.00 0.45 0.00	23.26 0.57 0.00	22.53 0.46 0.00	24.82 0.63 0.00	28.30 0.85 0.00	29.43 0.69 0.00	28.75 0.59 -0.10	28.34 0.52 -0.31	29.43 0.61 0.00	30.01 0.67 0.00	30.84 0.57 -0.23	32.25 0.60 -0.08	32.34 0.65 -0.65	33.34 0.73 -0.77	36.48 0.82 -1.34	38.06 0.89 -1.52	37.03 0.94 -1.19	35.81 0.98 -1.14	33.16 0.93 -0.28	29.33 0.74 -0.30	27.57 0.67 -0.18	25.91 0.58 -0.32
CORONAAV_69_KV_TB1 355595	31.21 2.10 -2.50	29.66 2.13 -2.18	24.44 1.89 0.00	24.40 1.70 0.00	23.89 1.83 0.00	26.12 1.91 -0.02	29.45 2.00 0.00	31.41 2.67 0.00	32.84 2.72 -2.05	34.90 2.75 -4.65	33.61 2.74 -2.04	35.07 2.64 -3.09	38.95 2.76 -6.14	38.66 2.94 -4.16	39.34 2.89 -5.41	41.75 2.93 -6.99	49.05 3.43 -11.31	51.69 3.32 -12.72	47.84 3.42 -9.52	46.32 2.83 -9.79	39.04 2.75 -4.34	34.39 2.41 -3.69	33.94 2.49 -4.73	33.34 2.28 -6.06
CORTLAND_115KV_TB3 80093	27.06 0.45 0.00	25.73 0.38 0.00	22.80 0.25 0.00	23.04 0.34 0.00	22.33 0.26 0.00	24.58 0.39 0.00	27.97 0.52 0.00	29.09 0.34 0.00	28.43 0.28 -0.08	28.00 0.22 -0.27	29.14 0.32 0.00	29.69 0.35 0.00	30.48 0.24 -0.20	31.89 0.25 -0.07	31.94 0.34 -0.56	32.89 0.38 -0.67	35.89 0.41 -1.17	37.43 0.46 -1.32	36.42 0.49 -1.03	35.22 0.51 -1.01	32.68 0.48 -0.25	28.96 0.40 -0.26	27.23 0.35 -0.16	25.59 0.30 -0.29

COXSACKIE___GT 23611	28.53 1.92 0.00	27.12 1.77 0.00	24.06 1.51 0.00	24.22 1.52 0.00	23.58 1.52 0.00	25.77 1.57 0.00	29.26 1.81 0.00	30.84 2.10 0.00	30.53 1.60 -0.86	31.87 1.59 -2.77	30.27 1.44 0.00	30.81 1.47 0.00	33.94 1.98 -1.92	34.17 1.89 -0.71	38.79 2.24 -5.52	40.76 2.39 -6.53	48.30 2.68 -11.32	51.43 2.96 -12.82	48.29 2.96 -10.42	47.38 2.56 -11.12	38.67 2.43 -4.29	33.28 2.18 -2.81	30.63 2.19 -1.71	30.04 1.82 -3.21
CPV_VALLEY___CC1 323721	27.60 0.99 0.00	26.37 1.02 0.00	23.45 0.90 0.00	23.51 0.82 0.00	22.95 0.88 0.00	25.06 0.87 0.00	28.38 0.93 0.00	30.06 1.32 0.00	29.91 1.29 -0.55	30.66 1.29 -1.86	30.12 1.30 0.00	30.60 1.26 0.00	32.96 1.35 -1.57	33.41 1.39 -0.46	36.56 1.36 -4.16	38.24 1.40 -5.01	44.70 1.71 -8.68	47.12 1.71 -9.76	43.78 1.68 -7.20	42.65 1.38 -7.57	35.32 1.28 -2.09	31.52 1.13 -2.09	29.11 1.15 -1.23	28.14 1.03 -2.11
CPV_VALLEY___CC2 323722	27.60 0.99 0.00	26.37 1.02 0.00	23.45 0.90 0.00	23.51 0.82 0.00	22.95 0.88 0.00	25.06 0.87 0.00	28.38 0.93 0.00	30.06 1.32 0.00	29.91 1.29 -0.55	30.66 1.29 -1.86	30.12 1.30 0.00	30.60 1.26 0.00	32.96 1.35 -1.57	33.41 1.39 -0.46	36.56 1.36 -4.16	38.24 1.40 -5.01	44.70 1.71 -8.68	47.12 1.71 -9.76	43.78 1.68 -7.20	42.65 1.38 -7.57	35.32 1.28 -2.09	31.52 1.13 -2.09	29.11 1.15 -1.23	28.14 1.03 -2.11
CRESCENT___HYD 24018	27.81 1.20 0.00	26.49 1.14 0.00	23.59 1.04 0.00	23.67 0.98 0.00	23.08 1.02 0.00	25.28 1.09 0.00	28.71 1.26 0.00	30.21 1.46 0.00	30.48 1.49 -0.93	31.82 1.40 -2.91	30.32 1.50 0.00	30.81 1.47 0.00	33.36 1.59 -1.73	33.97 1.64 -0.76	38.02 1.64 -5.34	39.75 1.69 -6.23	46.91 1.82 -10.78	49.91 1.96 -12.30	47.59 1.95 -10.73	47.11 1.85 -11.56	40.56 1.76 -6.85	32.54 1.50 -2.74	29.79 1.36 -1.70	29.75 1.32 -3.42
CRICKET___VALLEY_CC1 323756	27.70 1.09 0.00	26.47 1.11 0.00	23.59 1.04 0.00	23.63 0.93 0.00	23.06 0.99 0.00	25.19 0.99 0.00	28.49 1.04 0.00	30.15 1.41 0.00	30.24 1.40 -0.77	30.35 1.40 -1.44	30.27 1.44 0.00	30.69 1.35 0.00	28.60 1.47 2.92	33.72 1.52 -0.64	29.11 1.49 3.42	28.08 1.53 5.28	26.93 1.82 9.20	28.12 1.82 9.35	39.21 1.74 -2.57	39.80 1.52 -4.59	36.35 1.40 -2.99	28.23 1.22 1.28	27.67 1.20 0.26	28.56 1.10 -2.45
CRICKET___VALLEY_CC2 323757	27.70 1.09 0.00	26.47 1.11 0.00	23.59 1.04 0.00	23.63 0.93 0.00	23.06 0.99 0.00	25.19 0.99 0.00	28.49 1.04 0.00	30.15 1.41 0.00	30.24 1.40 -0.77	30.35 1.40 -1.44	30.27 1.44 0.00	30.69 1.35 0.00	28.60 1.47 2.92	33.72 1.52 -0.64	29.11 1.49 3.42	28.08 1.53 5.28	26.93 1.82 9.20	28.12 1.82 9.35	39.21 1.74 -2.57	39.80 1.52 -4.59	36.35 1.40 -2.99	28.23 1.22 1.28	27.67 1.20 0.26	28.56 1.10 -2.45
CRICKET___VALLEY_CC3 323758	27.70 1.09 0.00	26.47 1.11 0.00	23.59 1.04 0.00	23.63 0.93 0.00	23.06 0.99 0.00	25.19 0.99 0.00	28.49 1.04 0.00	30.15 1.41 0.00	30.24 1.40 -0.77	30.35 1.40 -1.44	30.27 1.44 0.00	30.69 1.35 0.00	28.60 1.47 2.92	33.72 1.52 -0.64	29.11 1.49 3.42	28.08 1.53 5.28	26.93 1.82 9.20	28.12 1.82 9.35	39.21 1.74 -2.57	39.80 1.52 -4.59	36.35 1.40 -2.99	28.23 1.22 1.28	27.67 1.20 0.26	28.56 1.10 -2.45
CRUCIBLE_METL_DRP 24180	26.69 0.08 0.00	25.38 0.03 0.00	22.50 -0.05 0.00	22.74 0.05 0.00	22.04 -0.02 0.00	24.24 0.05 0.00	27.72 0.27 0.00	28.77 0.03 0.00	28.09 -0.03 -0.05	27.60 -0.06 -0.15	28.83 0.00 0.00	29.40 0.06 0.00	30.12 -0.03 -0.11	31.54 -0.06 -0.04	31.38 0.03 -0.31	32.24 0.03 -0.37	34.95 0.00 -0.64	36.42 0.04 -0.73	35.54 0.07 -0.57	34.40 0.13 -0.56	32.11 0.13 -0.02	28.53 0.08 -0.15	26.90 0.08 -0.09	25.24 0.08 -0.16
DAHOWA___HYDRO 323763	28.15 1.54 0.00	26.82 1.47 0.00	23.86 1.31 0.00	23.94 1.25 0.00	23.37 1.30 0.00	25.62 1.43 0.00	29.15 1.70 0.00	30.55 1.81 0.00	30.85 1.85 -0.93	32.16 1.71 -2.95	30.67 1.85 0.00	31.19 1.85 0.00	33.86 1.98 -1.83	34.39 2.05 -0.77	38.63 2.05 -5.54	40.40 2.07 -6.50	47.72 2.16 -11.25	50.88 2.43 -12.81	48.33 2.48 -10.95	47.91 2.46 -11.75	41.62 2.36 -7.30	33.14 2.01 -2.84	30.24 1.76 -1.75	30.24 1.78 -3.46
DANC___LFGE 323619	26.53 -0.08 0.00	25.28 -0.08 0.00	22.44 -0.11 0.00	22.65 -0.05 0.00	21.98 -0.09 0.00	24.19 0.00 0.00	27.94 0.49 0.00	29.06 0.32 0.00	28.27 0.17 -0.03	27.69 0.08 -0.10	28.94 0.12 0.00	29.63 0.29 0.00	30.27 0.15 -0.07	31.75 0.16 -0.03	31.47 0.22 -0.21	32.24 0.16 -0.25	34.88 0.14 -0.43	36.39 0.25 -0.49	35.63 0.35 -0.38	34.62 0.54 -0.38	32.29 0.32 -0.02	28.65 0.25 -0.10	27.00 0.21 -0.06	25.34 0.22 -0.11
DANSKAMMER___1 23586	28.26 1.65 0.00	26.97 1.62 0.00	23.97 1.42 0.00	24.03 1.34 0.00	23.43 1.37 0.00	25.57 1.38 0.00	28.96 1.51 0.00	30.70 1.96 0.00	30.61 1.82 -0.72	31.74 1.84 -2.39	30.64 1.82 0.00	31.13 1.79 0.00	33.99 1.98 -1.97	34.21 2.05 -0.59	38.38 2.08 -5.26	40.30 2.13 -6.33	47.82 2.54 -10.97	50.60 2.60 -12.34	46.67 2.55 -9.22	45.62 2.22 -9.69	36.69 2.01 -2.72	32.69 1.75 -2.64	30.08 1.79 -1.57	29.34 1.62 -2.71
DANSKAMMER___2 23589	28.26 1.65 0.00	26.97 1.62 0.00	23.97 1.42 0.00	24.03 1.34 0.00	23.43 1.37 0.00	25.57 1.38 0.00	28.96 1.51 0.00	30.70 1.96 0.00	30.61 1.82 -0.72	31.74 1.84 -2.39	30.64 1.82 0.00	31.13 1.79 0.00	33.99 1.98 -1.97	34.21 2.05 -0.59	38.38 2.08 -5.26	40.30 2.13 -6.33	47.82 2.54 -10.97	50.60 2.60 -12.34	46.67 2.55 -9.22	45.62 2.22 -9.69	36.69 2.01 -2.72	32.69 1.75 -2.64	30.08 1.79 -1.57	29.34 1.62 -2.71
DANSKAMMER___3 23590	28.26 1.65 0.00	26.97 1.62 0.00	23.97 1.42 0.00	24.03 1.34 0.00	23.43 1.37 0.00	25.57 1.38 0.00	28.96 1.51 0.00	30.70 1.96 0.00	30.61 1.82 -0.72	31.74 1.84 -2.39	30.64 1.82 0.00	31.13 1.79 0.00	33.99 1.98 -1.97	34.21 2.05 -0.59	38.38 2.08 -5.26	40.30 2.13 -6.33	47.82 2.54 -10.97	50.60 2.60 -12.34	46.67 2.55 -9.22	45.62 2.22 -9.69	36.69 2.01 -2.72	32.69 1.75 -2.64	30.08 1.79 -1.57	29.34 1.62 -2.71
DANSKAMMER___4 23591	28.26 1.65 0.00	26.97 1.62 0.00	23.97 1.42 0.00	24.03 1.34 0.00	23.43 1.37 0.00	25.57 1.38 0.00	28.96 1.51 0.00	30.70 1.96 0.00	30.61 1.82 -0.72	31.74 1.84 -2.39	30.64 1.82 0.00	31.13 1.79 0.00	33.99 1.98 -1.97	34.21 2.05 -0.59	38.38 2.08 -5.26	40.30 2.13 -6.33	47.82 2.54 -10.97	50.60 2.60 -12.34	46.67 2.55 -9.22	45.62 2.22 -9.69	36.69 2.01 -2.72	32.69 1.75 -2.64	30.08 1.79 -1.57	29.34 1.62 -2.71
DANSKAMMER___DIESEL 23592	28.13 1.52 0.00	26.90 1.55 0.00	23.88 1.33 0.00	23.94 1.25 0.00	23.39 1.32 0.00	25.50 1.31 0.00	28.82 1.37 0.00	30.67 1.93 0.00	30.61 1.82 -0.72	31.74 1.84 -2.39	30.64 1.82 0.00	31.13 1.79 0.00	33.96 1.95 -1.97	34.21 2.05 -0.59	38.38 2.08 -5.26	40.30 2.13 -6.33	47.82 2.54 -10.97	50.60 2.60 -12.34	46.67 2.55 -9.22	45.62 2.22 -9.69	36.72 2.05 -2.72	32.69 1.75 -2.64	30.08 1.79 -1.57	29.34 1.63 -2.71

DARBY___SOLAR 323810	28.10 1.49 0.00	26.74 1.39 0.00	23.81 1.26 0.00	23.90 1.20 0.00	23.30 1.23 0.00	25.55 1.35 0.00	29.07 1.62 0.00	30.49 1.75 0.00	30.80 1.80 -0.93	32.10 1.65 -2.94	30.61 1.79 0.00	31.13 1.79 0.00	33.78 1.92 -1.82	34.33 1.99 -0.77	38.54 1.99 -5.51	40.30 2.01 -6.45	47.61 2.13 -11.18	50.69 2.32 -12.72	48.19 2.37 -10.92	47.75 2.32 -11.72	41.44 2.24 -7.25	33.04 1.93 -2.82	30.18 1.71 -1.75	30.16 1.70 -3.45
DASHVILLE___HYD 23610	27.84 1.22 0.00	26.62 1.27 0.00	23.65 1.10 0.00	23.72 1.02 0.00	23.17 1.10 0.00	25.21 1.02 0.00	28.49 1.04 0.00	30.35 1.61 0.00	30.29 1.49 -0.74	31.75 1.82 -2.43	30.30 1.47 0.00	30.75 1.41 0.00	33.76 1.83 -1.89	33.78 1.61 -0.61	38.13 1.92 -5.17	40.00 1.97 -6.19	47.43 2.40 -10.72	50.13 2.39 -12.09	46.52 2.34 -9.28	44.96 1.42 -9.85	36.26 1.25 -3.06	32.55 1.64 -2.62	29.98 1.68 -1.56	28.87 1.08 -2.79
DEERFIELD_69_KV_DEERFIELD LD 355887	33.03 3.91 -2.51	31.37 3.83 -2.19	25.94 3.38 -0.01	25.78 3.09 0.00	25.26 3.20 0.00	27.72 3.51 -0.02	31.18 3.73 0.00	33.40 4.66 0.00	34.73 4.60 -2.05	36.75 4.59 -4.65	35.57 4.70 -2.04	39.76 4.66 -5.75	42.50 4.78 -7.68	56.09 5.08 -19.44	49.57 5.06 -13.47	78.46 5.19 -41.44	133.11 5.83 -92.97	133.26 5.78 -91.83	137.10 5.90 -96.30	74.40 5.09 -35.61	47.54 5.05 -10.54	42.51 4.33 -9.88	38.49 4.17 -7.60	38.13 3.88 -9.24
DELAWARE___LFGE 323621	27.36 0.75 0.00	26.09 0.74 0.00	23.16 0.61 0.00	23.31 0.61 0.00	22.66 0.60 0.00	24.87 0.68 0.00	28.30 0.85 0.00	29.60 0.86 0.00	29.10 0.84 -0.19	28.94 0.80 -0.63	29.66 0.84 0.00	30.28 0.94 0.00	31.47 0.90 -0.53	32.67 0.95 -0.16	33.44 0.99 -1.41	34.55 1.02 -1.70	38.42 1.17 -2.95	40.14 1.18 -3.31	38.54 1.19 -2.45	37.24 1.18 -2.36	33.63 1.05 -0.62	29.79 0.85 -0.65	27.89 0.78 -0.38	26.36 0.70 -0.66
DERFIELD_115KV_TB7 355931	26.77 0.16 0.00	25.50 0.15 0.00	22.68 0.14 0.00	22.81 0.11 0.00	22.20 0.13 0.00	24.34 0.15 0.00	27.58 0.14 0.00	28.91 0.17 0.00	28.24 0.17 0.00	27.67 0.17 0.00	29.00 0.17 0.00	29.52 0.18 0.00	30.25 0.21 0.00	31.76 0.19 0.00	31.23 0.19 0.00	32.03 0.19 0.00	34.55 0.24 0.00	35.90 0.25 0.00	35.14 0.24 0.00	33.90 0.20 0.00	32.11 0.16 0.00	28.44 0.14 0.00	26.83 0.11 0.00	25.11 0.10 0.00
DOGLEVILLE___HYD 23807	27.17 0.56 0.00	25.91 0.56 0.00	23.02 0.47 0.00	23.15 0.45 0.00	22.50 0.44 0.00	24.68 0.48 0.00	28.02 0.58 0.00	29.32 0.57 0.00	28.66 0.59 0.00	28.09 0.58 0.00	29.46 0.63 0.00	30.01 0.68 0.00	30.73 0.69 0.00	32.29 0.73 0.00	31.72 0.68 0.00	32.54 0.70 0.00	35.06 0.75 0.00	36.44 0.78 0.00	35.63 0.73 0.00	34.31 0.61 0.00	32.40 0.45 0.00	28.61 0.31 0.00	27.02 0.29 0.00	25.31 0.30 0.00
DUNKIRK___115KV_TB_200 55889	27.33 0.72 0.00	25.73 0.38 0.00	22.77 0.23 0.00	23.08 0.39 0.00	22.11 0.04 0.00	24.53 0.34 0.00	27.94 0.49 0.00	28.63 -0.11 0.00	28.08 -0.06 -0.07	27.62 -0.11 -0.23	29.03 0.20 0.00	29.60 0.26 0.00	30.12 -0.09 -0.17	31.40 -0.22 -0.06	31.45 -0.06 -0.47	32.18 -0.22 -0.57	34.84 -0.45 -0.98	36.30 -0.46 -1.11	35.35 -0.42 -0.87	34.09 -0.47 -0.86	32.02 0.03 -0.04	28.72 0.20 -0.22	27.24 0.37 -0.14	25.60 0.35 -0.25
DUNKIRK___1 23563	27.33 0.72 0.00	25.73 0.38 0.00	22.77 0.23 0.00	23.08 0.39 0.00	22.11 0.04 0.00	24.53 0.34 0.00	27.94 0.49 0.00	28.63 -0.11 0.00	28.08 -0.06 -0.07	27.62 -0.11 -0.23	29.03 0.20 0.00	29.60 0.26 0.00	30.12 -0.09 -0.17	31.40 -0.22 -0.06	31.45 -0.06 -0.47	32.18 -0.22 -0.57	34.84 -0.45 -0.98	36.30 -0.46 -1.11	35.35 -0.42 -0.87	34.09 -0.47 -0.86	32.02 0.03 -0.04	28.72 0.20 -0.22	27.24 0.37 -0.14	25.60 0.35 -0.25
DUNKIRK___2 23564	27.33 0.72 0.00	25.73 0.38 0.00	22.77 0.23 0.00	23.08 0.39 0.00	22.11 0.04 0.00	24.53 0.34 0.00	27.94 0.49 0.00	28.63 -0.11 0.00	28.08 -0.06 -0.07	27.62 -0.11 -0.23	29.03 0.20 0.00	29.60 0.26 0.00	30.12 -0.09 -0.17	31.40 -0.22 -0.06	31.45 -0.06 -0.47	32.18 -0.22 -0.57	34.84 -0.45 -0.98	36.30 -0.46 -1.11	35.35 -0.42 -0.87	34.09 -0.47 -0.86	32.02 0.03 -0.04	28.72 0.20 -0.22	27.24 0.37 -0.14	25.60 0.35 -0.25
DUNKIRK___3 23565	27.14 0.53 0.00	25.58 0.23 0.00	22.64 0.09 0.00	22.95 0.25 0.00	22.00 -0.07 0.00	24.41 0.22 0.00	27.83 0.38 0.00	28.51 -0.23 0.00	27.94 -0.20 -0.07	27.46 -0.28 -0.23	28.86 0.03 0.00	29.43 0.09 0.00	29.94 -0.27 -0.17	31.25 -0.38 -0.06	31.30 -0.22 -0.48	32.05 -0.35 -0.57	34.67 -0.62 -0.98	36.16 -0.61 -1.11	35.17 -0.59 -0.87	33.89 -0.67 -0.86	31.86 -0.13 -0.04	28.55 0.03 -0.23	27.08 0.21 -0.14	25.43 0.18 -0.25
DUNKIRK___4 23566	27.25 0.64 0.00	25.68 0.33 0.00	22.71 0.16 0.00	23.01 0.32 0.00	22.04 -0.02 0.00	24.46 0.27 0.00	27.89 0.44 0.00	28.54 -0.20 0.00	27.97 -0.17 -0.07	27.51 -0.22 -0.22	28.91 0.09 0.00	29.49 0.15 0.00	30.00 -0.21 -0.17	31.28 -0.35 -0.06	31.32 -0.19 -0.47	32.04 -0.35 -0.56	34.69 -0.58 -0.96	36.14 -0.61 -1.09	35.19 -0.56 -0.85	33.94 -0.61 -0.85	31.89 -0.10 -0.04	28.60 0.08 -0.22	27.13 0.27 -0.13	25.50 0.25 -0.24
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	28.13 1.52 0.00	26.92 1.57 0.00	23.92 1.38 0.00	23.97 1.27 0.00	23.43 1.37 0.00	25.55 1.35 0.00	28.87 1.43 0.00	30.84 2.10 0.00	30.92 2.13 -0.72	32.09 2.17 -2.41	31.02 2.19 0.00	31.48 2.14 0.00	34.34 2.25 -2.05	34.49 2.34 -0.59	38.75 2.30 -5.41	40.69 2.32 -6.53	48.36 2.74 -11.31	51.15 2.78 -12.71	46.93 2.69 -9.34	45.81 2.33 -9.78	36.80 2.14 -2.70	32.93 1.92 -2.71	30.19 1.87 -1.60	29.45 1.73 -2.72
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	27.89 1.28 0.00	26.64 1.29 0.00	23.68 1.13 0.00	23.74 1.04 0.00	23.19 1.13 0.00	25.31 1.11 0.00	28.63 1.18 0.00	30.44 1.70 0.00	30.37 1.63 -0.68	31.43 1.65 -2.27	30.44 1.61 0.00	30.92 1.58 0.00	33.63 1.71 -1.88	33.93 1.80 -0.56	37.86 1.80 -5.02	39.72 1.85 -6.04	47.00 2.23 -10.47	49.67 2.25 -11.77	45.87 2.20 -8.77	44.78 1.85 -9.22	36.23 1.69 -2.58	32.34 1.53 -2.52	29.77 1.55 -1.49	28.96 1.38 -2.58
E179THST_138_KV_TB4_REV_LBMP_J 345001	28.18 1.57 0.00	26.92 1.57 0.00	23.86 1.31 0.00	23.90 1.20 0.00	23.41 1.35 0.00	25.36 1.16 0.00	28.63 1.18 0.00	30.75 2.01 0.00	30.89 2.11 -0.72	32.09 2.17 -2.41	30.99 2.16 0.00	31.42 2.08 0.00	34.31 2.22 -2.05	34.46 2.30 -0.59	38.62 2.17 -5.41	40.53 2.16 -6.53	48.12 2.50 -11.31	50.78 2.42 -12.71	46.72 2.48 -9.34	45.47 1.99 -9.78	36.54 1.89 -2.70	32.79 1.78 -2.71	30.11 1.79 -1.60	29.47 1.75 -2.72
E179THST_13_KV_LOAD 356214	28.31 1.70 0.00	27.05 1.70 0.00	23.97 1.42 0.00	24.01 1.32 0.00	23.50 1.43 0.00	25.48 1.28 0.00	28.76 1.32 0.00	30.90 2.16 0.00	31.03 2.25 -0.72	32.25 2.34 -2.41	31.13 2.31 0.00	31.60 2.26 0.00	34.49 2.40 -2.05	34.65 2.49 -0.59	38.81 2.36 -5.41	40.75 2.39 -6.53	48.36 2.74 -11.31	51.03 2.67 -12.71	46.96 2.72 -9.34	45.71 2.22 -9.78	36.77 2.11 -2.70	32.96 1.95 -2.71	30.28 1.95 -1.60	29.60 1.88 -2.72

EAST HAMPTON___GT 23717	33.54 4.42 -2.51	31.80 4.26 -2.19	26.34 3.79 -0.01	26.17 3.47 0.00	25.66 3.60 0.00	28.13 3.92 -0.02	31.67 4.23 0.00	33.80 5.06 0.00	35.12 5.00 -2.05	37.19 5.03 -4.65	36.06 5.19 -2.04	40.28 5.19 -5.75	43.16 5.44 -7.68	56.66 5.65 -19.44	50.22 5.71 -13.47	79.11 5.83 -41.44	133.85 6.55 -92.98	133.95 6.46 -91.85	137.81 6.60 -96.31	75.05 5.73 -35.62	48.08 5.59 -10.54	42.99 4.81 -9.88	38.92 4.60 -7.60	38.48 4.23 -9.24
EAST RIVER___6 23660	28.42 1.81 0.00	27.12 1.77 0.00	24.19 1.65 0.00	24.22 1.52 0.00	23.61 1.54 0.00	25.65 1.45 0.00	29.01 1.56 0.00	31.01 2.27 0.00	31.14 2.36 -0.72	32.34 2.42 -2.41	31.22 2.39 0.00	31.66 2.32 0.00	34.52 2.43 -2.05	34.68 2.53 -0.59	38.90 2.45 -5.41	40.85 2.48 -6.53	48.60 2.98 -11.31	51.32 2.96 -12.71	47.10 2.86 -9.34	45.88 2.39 -9.78	36.80 2.14 -2.70	33.01 2.01 -2.71	30.33 2.01 -1.60	29.60 1.88 -2.72
EAST RIVER___7 23524	28.42 1.81 0.00	27.12 1.77 0.00	24.19 1.65 0.00	24.22 1.52 0.00	23.61 1.54 0.00	25.65 1.45 0.00	29.01 1.56 0.00	31.01 2.27 0.00	31.14 2.36 -0.72	32.34 2.42 -2.41	31.22 2.39 0.00	31.66 2.32 0.00	34.52 2.43 -2.05	34.68 2.53 -0.59	38.90 2.45 -5.41	40.85 2.48 -6.53	48.60 2.98 -11.31	51.32 2.96 -12.71	47.10 2.86 -9.34	45.88 2.39 -9.78	36.80 2.14 -2.70	33.01 2.01 -2.71	30.33 2.01 -1.60	29.60 1.88 -2.72
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	28.07 1.46 0.00	26.85 1.50 0.00	23.88 1.33 0.00	23.92 1.23 0.00	23.39 1.32 0.00	25.50 1.31 0.00	28.82 1.37 0.00	30.75 2.01 0.00	30.83 2.05 -0.71	32.00 2.09 -2.40	30.93 2.10 0.00	31.36 2.02 0.00	34.25 2.16 -2.04	34.40 2.24 -0.59	38.63 2.20 -5.39	40.57 2.23 -6.50	48.22 2.64 -11.27	50.99 2.67 -12.66	46.79 2.58 -9.31	45.67 2.22 -9.75	36.69 2.05 -2.69	32.83 1.84 -2.70	30.11 1.79 -1.59	29.36 1.65 -2.71
EAST_HAMPTON___DIESEL 23722	33.57 4.44 -2.51	31.80 4.26 -2.19	26.34 3.79 -0.01	26.17 3.47 0.00	25.66 3.60 0.00	28.13 3.92 -0.02	31.67 4.23 0.00	33.83 5.09 0.00	35.12 5.00 -2.05	37.19 5.03 -4.65	36.06 5.19 -2.04	40.28 5.19 -5.75	43.16 5.44 -7.68	56.69 5.68 -19.44	50.22 5.71 -13.47	79.11 5.83 -41.44	133.85 6.55 -92.98	133.99 6.49 -91.85	137.81 6.60 -96.31	75.08 5.76 -35.62	48.12 5.63 -10.54	42.99 4.81 -9.88	38.92 4.60 -7.60	38.50 4.25 -9.24
EAST_PULASKI___ESR 323781	26.48 -0.13 0.00	25.20 -0.15 0.00	22.37 -0.18 0.00	22.58 -0.11 0.00	21.89 -0.18 0.00	24.10 -0.10 0.00	28.02 0.58 0.00	29.09 0.34 0.00	28.33 0.22 -0.04	27.79 0.17 -0.12	29.06 0.23 0.00	29.69 0.35 0.00	30.34 0.21 -0.09	31.82 0.22 -0.03	31.56 0.28 -0.24	32.48 0.35 -0.29	35.12 0.31 -0.50	36.65 0.43 -0.57	35.83 0.49 -0.44	34.71 0.57 -0.44	32.42 0.45 -0.02	28.69 0.28 -0.11	27.09 0.29 -0.07	25.41 0.28 -0.13
EAST_RIVER___1 323558	28.39 1.78 0.00	27.10 1.75 0.00	24.17 1.62 0.00	24.17 1.47 0.00	23.58 1.52 0.00	25.69 1.50 0.00	29.04 1.59 0.00	31.01 2.27 0.00	31.11 2.33 -0.72	32.28 2.37 -2.41	31.19 2.36 0.00	31.60 2.26 0.00	34.46 2.37 -2.05	34.59 2.43 -0.59	38.81 2.36 -5.41	40.75 2.39 -6.53	48.50 2.88 -11.31	51.22 2.85 -12.71	47.00 2.76 -9.34	45.81 2.32 -9.78	36.73 2.08 -2.70	32.98 1.98 -2.71	30.30 1.98 -1.60	29.55 1.82 -2.72
EAST_RIVER___2 323559	28.42 1.81 0.00	27.12 1.77 0.00	24.19 1.65 0.00	24.22 1.52 0.00	23.61 1.54 0.00	25.65 1.45 0.00	29.01 1.56 0.00	31.01 2.27 0.00	31.14 2.36 -0.72	32.34 2.42 -2.41	31.22 2.39 0.00	31.66 2.32 0.00	34.52 2.43 -2.05	34.68 2.53 -0.59	38.90 2.45 -5.41	40.85 2.48 -6.53	48.60 2.98 -11.31	51.32 2.96 -12.71	47.10 2.86 -9.34	45.88 2.39 -9.78	36.80 2.14 -2.70	33.01 2.01 -2.71	30.33 2.01 -1.60	29.60 1.88 -2.72
EAST___DELAWARE_HYD 23607	27.75 1.14 0.00	26.49 1.14 0.00	23.54 0.99 0.00	23.63 0.93 0.00	23.03 0.97 0.00	25.14 0.94 0.00	28.52 1.07 0.00	30.26 1.52 0.00	30.18 1.54 -0.57	30.92 1.51 -1.91	30.27 1.44 0.00	30.86 1.52 0.00	33.20 1.62 -1.54	33.74 1.70 -0.47	36.93 1.74 -4.15	38.63 1.81 -4.98	45.20 2.26 -8.63	47.33 1.96 -9.72	44.15 1.92 -7.33	43.20 1.55 -7.95	35.65 1.37 -2.32	31.63 1.19 -2.15	29.26 1.26 -1.28	28.34 1.10 -2.23
EIGHT_POINT___WT_PWR 323820	27.54 0.93 0.00	26.19 0.84 0.00	23.04 0.50 0.00	23.40 0.70 0.00	22.57 0.51 0.00	25.02 0.82 0.00	28.43 0.99 0.00	29.35 0.60 0.00	28.68 0.53 -0.08	28.25 0.47 -0.27	29.57 0.75 0.00	30.13 0.79 0.00	30.79 0.54 -0.20	32.08 0.44 -0.07	32.23 0.62 -0.57	33.15 0.64 -0.68	36.03 0.55 -1.17	37.51 0.54 -1.32	36.56 0.63 -1.03	35.33 0.61 -1.02	32.91 0.70 -0.25	29.33 0.76 -0.27	27.66 0.78 -0.16	25.97 0.68 -0.29
ELBRIDGE_115KV_TB2 80188	26.64 0.03 0.00	25.33 -0.03 0.00	22.46 -0.09 0.00	22.72 0.02 0.00	22.00 -0.07 0.00	24.22 0.02 0.00	27.53 0.08 0.00	28.60 -0.14 0.00	27.92 -0.20 -0.05	27.47 -0.19 -0.16	28.65 -0.17 0.00	29.19 -0.15 0.00	29.95 -0.21 -0.12	31.35 -0.25 -0.04	31.18 -0.19 -0.33	32.04 -0.19 -0.39	34.75 -0.24 -0.68	36.21 -0.21 -0.77	35.33 -0.17 -0.60	34.16 -0.13 -0.60	31.88 -0.10 -0.03	28.37 -0.08 -0.16	26.74 -0.08 -0.09	25.08 -0.10 -0.17
ELEC_TRO_TEK 24086	31.05 1.94 -2.50	29.51 1.98 -2.18	24.28 1.74 0.00	24.24 1.54 0.00	23.74 1.68 0.00	25.95 1.74 -0.02	29.26 1.81 0.00	31.24 2.50 0.00	32.65 2.53 -2.05	34.68 2.53 -4.65	33.38 2.51 -2.04	34.86 2.44 -3.09	38.71 2.52 -6.14	38.41 2.68 -4.16	39.06 2.61 -5.41	41.47 2.64 -6.99	48.75 3.12 -11.31	51.36 2.99 -12.72	47.54 3.07 -9.57	46.02 2.53 -9.79	38.76 2.46 -4.35	34.20 2.21 -3.70	33.70 2.25 -4.73	33.14 2.08 -6.06
ELLENBURG_WT_PWR 323604	26.75 0.13 0.00	25.38 0.03 0.00	22.77 0.23 0.00	22.97 0.27 0.00	22.24 0.18 0.00	24.44 0.24 0.00	27.67 0.22 0.00	28.97 0.23 0.00	28.27 0.20 0.00	27.73 0.22 0.00	29.06 0.23 0.00	29.63 0.29 0.00	30.31 0.27 0.00	31.91 0.35 0.00	31.16 0.12 0.00	32.00 0.16 0.00	34.45 0.14 0.00	35.69 0.04 0.00	34.62 -0.28 0.00	33.63 -0.07 0.00	32.31 0.35 0.00	28.49 0.20 0.00	26.84 0.11 0.00	25.18 0.18 0.00
ELM_ST_23_KV_LD_REV_LBMP_A 345012	27.01 0.40 0.00	25.45 0.10 0.00	22.55 0.00 0.00	22.88 0.18 0.00	21.89 -0.18 0.00	24.29 0.10 0.00	27.64 0.19 0.00	28.17 -0.57 0.00	27.68 -0.45 -0.07	27.23 -0.50 -0.22	28.54 -0.29 0.00	29.07 -0.26 0.00	29.63 -0.57 -0.16	30.86 -0.76 -0.05	30.90 -0.59 -0.45	31.64 -0.73 -0.54	34.18 -1.06 -0.93	35.64 -1.07 -1.05	34.68 -1.05 -0.82	33.47 -1.04 -0.82	31.45 -0.54 -0.04	28.25 -0.25 -0.21	26.80 -0.05 -0.13	25.29 0.05 -0.23
EMPIRE_CC_1 323656	27.46 0.85 0.00	26.19 0.84 0.00	23.32 0.77 0.00	23.38 0.68 0.00	22.79 0.73 0.00	24.95 0.75 0.00	28.30 0.85 0.00	29.80 1.06 0.00	30.05 1.09 -0.89	31.31 1.04 -2.76	29.89 1.07 0.00	30.37 1.03 0.00	32.71 1.14 -1.52	33.50 1.20 -0.73	37.10 1.18 -4.88	38.70 1.21 -5.65	45.40 1.30 -9.78	48.24 1.39 -11.19	46.37 1.36 -10.11	45.89 1.25 -10.94	37.12 1.18 -3.99	31.83 1.02 -2.52	29.27 0.96 -1.58	29.18 0.90 -3.27

EMPIRE_CC_2 323658	27.46 0.85 0.00	26.19 0.84 0.00	23.32 0.77 0.00	23.38 0.68 0.00	22.79 0.73 0.00	24.95 0.75 0.00	28.30 0.85 0.00	29.80 1.06 0.00	30.05 1.09 -0.89	31.31 1.04 -2.76	29.89 1.07 0.00	30.37 1.03 0.00	32.71 1.14 -1.52	33.50 1.20 -0.73	37.10 1.18 -4.88	38.70 1.21 -5.65	45.40 1.30 -9.78	48.24 1.39 -11.19	46.37 1.36 -10.11	45.89 1.25 -10.94	37.12 1.18 -3.99	31.83 1.02 -2.52	29.27 0.96 -1.58	29.18 0.90 -3.27
ENORWICH_115KV_TB1 80156	28.53 1.92 0.00	27.13 1.77 0.00	24.01 1.47 0.00	24.28 1.59 0.00	23.52 1.46 0.00	26.01 1.81 0.00	29.89 2.44 0.00	30.95 2.21 0.00	30.30 2.08 -0.16	29.83 1.82 -0.51	30.76 1.93 0.00	31.63 2.29 0.00	32.53 2.10 -0.38	33.94 2.24 -0.13	34.46 2.36 -1.07	35.62 2.52 -1.27	39.39 2.88 -2.20	41.17 3.03 -2.49	40.02 3.18 -1.95	38.61 3.34 -1.57	35.30 2.94 -0.41	30.94 2.24 -0.41	28.85 1.87 -0.25	27.13 1.68 -0.45
ERIE_ST__34_KV_TB1-2 80199	27.01 0.40 0.00	25.45 0.10 0.00	22.53 -0.02 0.00	22.85 0.16 0.00	21.91 -0.15 0.00	24.32 0.12 0.00	27.72 0.27 0.00	28.31 -0.43 0.00	27.60 -0.53 -0.07	27.12 -0.61 -0.22	28.68 -0.14 0.00	29.25 -0.09 0.00	29.64 -0.57 -0.17	30.90 -0.73 -0.06	30.88 -0.62 -0.46	31.62 -0.76 -0.55	34.24 -1.03 -0.96	35.66 -1.07 -1.08	34.73 -1.01 -0.85	33.49 -1.04 -0.84	31.61 -0.38 -0.04	28.17 -0.34 -0.22	26.70 -0.16 -0.13	25.10 -0.15 -0.24
ERIE_WT_PWR 323693	27.06 0.45 0.00	25.68 0.33 0.00	22.59 0.05 0.00	22.95 0.25 0.00	22.09 0.02 0.00	24.49 0.29 0.00	27.72 0.27 0.00	28.34 -0.40 0.00	27.80 -0.34 -0.07	27.34 -0.39 -0.22	28.71 -0.11 0.00	29.25 -0.09 0.00	29.81 -0.39 -0.16	30.99 -0.63 -0.06	31.06 -0.43 -0.46	31.84 -0.54 -0.55	34.43 -0.82 -0.95	35.80 -0.93 -1.07	34.90 -0.84 -0.84	33.69 -0.84 -0.83	31.42 -0.57 -0.04	28.37 -0.14 -0.22	26.94 0.08 -0.13	25.34 0.10 -0.24
ESPRGFLD_115KV_TB1 80157	27.65 1.04 0.00	26.37 1.01 0.00	23.40 0.86 0.00	23.56 0.86 0.00	22.92 0.86 0.00	25.19 0.99 0.00	28.74 1.29 0.00	30.03 1.29 0.00	29.52 1.26 -0.19	29.33 1.18 -0.64	30.07 1.24 0.00	30.78 1.44 0.00	31.99 1.41 -0.54	33.21 1.48 -0.16	33.95 1.49 -1.42	35.07 1.53 -1.71	39.02 1.75 -2.96	40.84 1.85 -3.33	39.21 1.85 -2.46	37.94 1.85 -2.39	34.18 1.60 -0.63	30.20 1.24 -0.66	28.21 1.10 -0.39	26.65 0.98 -0.67
ETNA_115_KV_TB1_REV_LBMP_C 345029	27.28 0.67 0.00	25.93 0.58 0.00	22.98 0.43 0.00	23.24 0.54 0.00	22.50 0.44 0.00	24.80 0.60 0.00	28.24 0.80 0.00	29.37 0.63 0.00	28.70 0.53 -0.10	28.29 0.47 -0.31	29.40 0.58 0.00	29.96 0.62 0.00	30.78 0.51 -0.23	32.18 0.54 -0.08	32.31 0.62 -0.65	33.28 0.67 -0.78	36.41 0.75 -1.34	37.99 0.82 -1.52	36.96 0.87 -1.19	35.75 0.91 -1.13	33.13 0.89 -0.28	29.30 0.71 -0.30	27.52 0.61 -0.18	25.88 0.55 -0.32
ETNA_____115KV_TB2 80207	27.28 0.67 0.00	25.93 0.58 0.00	22.98 0.43 0.00	23.24 0.54 0.00	22.50 0.44 0.00	24.80 0.60 0.00	28.24 0.80 0.00	29.37 0.63 0.00	28.70 0.53 -0.10	28.29 0.47 -0.31	29.40 0.58 0.00	29.96 0.62 0.00	30.78 0.51 -0.23	32.18 0.54 -0.08	32.31 0.62 -0.65	33.28 0.67 -0.78	36.41 0.75 -1.34	37.99 0.82 -1.52	36.96 0.87 -1.19	35.75 0.91 -1.13	33.13 0.89 -0.28	29.30 0.71 -0.30	27.52 0.61 -0.18	25.88 0.55 -0.32
EUCLID___115KV_TB2 356179	26.43 -0.19 0.00	25.12 -0.23 0.00	22.28 -0.27 0.00	22.51 -0.18 0.00	21.82 -0.24 0.00	24.00 -0.19 0.00	27.34 -0.11 0.00	28.34 -0.40 0.00	27.66 -0.45 -0.04	27.17 -0.47 -0.13	28.39 -0.43 0.00	28.90 -0.44 0.00	29.63 -0.51 -0.10	31.06 -0.54 -0.03	30.84 -0.47 -0.27	31.68 -0.48 -0.32	34.32 -0.55 -0.56	35.75 -0.53 -0.63	34.87 -0.52 -0.49	33.72 -0.47 -0.49	31.53 -0.45 -0.02	28.06 -0.37 -0.13	26.48 -0.32 -0.08	24.85 -0.30 -0.14
E_CANADA_CAP_HY 24051	28.45 1.83 0.00	27.08 1.72 0.00	24.08 1.53 0.00	24.22 1.52 0.00	23.63 1.57 0.00	25.96 1.77 0.00	29.64 2.20 0.00	31.04 2.30 0.00	31.31 2.30 -0.94	32.49 1.98 -3.00	30.96 2.13 0.00	31.45 2.11 0.00	34.41 2.40 -1.96	34.84 2.49 -0.78	39.50 2.67 -5.79	41.55 2.90 -6.82	49.21 3.09 -11.81	52.53 3.46 -13.42	49.63 3.52 -11.21	49.22 3.54 -11.98	43.02 3.39 -7.68	33.94 2.69 -2.95	30.84 2.30 -1.81	30.60 2.10 -3.50
E_CANADA_MHWK_HY 24050	27.17 0.56 0.00	25.91 0.56 0.00	23.02 0.47 0.00	23.15 0.45 0.00	22.50 0.44 0.00	24.68 0.48 0.00	28.02 0.58 0.00	29.32 0.57 0.00	28.66 0.59 0.00	28.09 0.58 0.00	29.46 0.63 0.00	30.01 0.68 0.00	30.73 0.69 0.00	32.29 0.73 0.00	31.72 0.68 0.00	32.54 0.70 0.00	35.06 0.75 0.00	36.44 0.78 0.00	35.63 0.73 0.00	34.31 0.61 0.00	32.40 0.45 0.00	28.61 0.31 0.00	27.02 0.29 0.00	25.31 0.30 0.00
E_FISHKILL___LBMP 23776	27.84 1.22 0.00	26.64 1.29 0.00	23.68 1.13 0.00	23.74 1.04 0.00	23.19 1.13 0.00	25.31 1.11 0.00	28.60 1.15 0.00	30.44 1.70 0.00	30.55 1.74 -0.74	31.76 1.76 -2.49	30.58 1.76 0.00	31.04 1.70 0.00	33.99 1.83 -2.12	34.07 1.89 -0.61	38.50 1.86 -5.60	40.47 1.88 -6.76	48.24 2.23 -11.70	51.05 2.25 -13.16	46.77 2.20 -9.67	45.71 1.89 -10.13	36.51 1.76 -2.80	32.65 1.56 -2.80	29.93 1.55 -1.65	29.22 1.40 -2.81
FALCON___SEABRD_CC1 323796	26.90 0.29 0.00	25.50 0.15 0.00	22.95 0.41 0.00	23.13 0.43 0.00	22.40 0.33 0.00	24.61 0.41 0.00	27.89 0.44 0.00	29.17 0.43 0.00	28.49 0.42 0.00	27.95 0.44 0.00	29.29 0.46 0.00	29.84 0.50 0.00	30.52 0.48 0.00	32.17 0.60 0.00	31.38 0.34 0.00	32.22 0.38 0.00	34.69 0.38 0.00	35.90 0.25 0.00	34.76 -0.14 0.00	33.87 0.17 0.00	32.78 0.83 0.00	28.89 0.60 0.00	27.21 0.48 0.00	25.51 0.50 0.00
FALCON___SEABRD_CC2 323797	26.90 0.29 0.00	25.50 0.15 0.00	22.95 0.41 0.00	23.13 0.43 0.00	22.40 0.33 0.00	24.61 0.41 0.00	27.89 0.44 0.00	29.17 0.43 0.00	28.49 0.42 0.00	27.95 0.44 0.00	29.29 0.46 0.00	29.84 0.50 0.00	30.52 0.48 0.00	32.17 0.60 0.00	31.38 0.34 0.00	32.22 0.38 0.00	34.69 0.38 0.00	35.90 0.25 0.00	34.76 -0.14 0.00	33.87 0.17 0.00	32.78 0.83 0.00	28.89 0.60 0.00	27.21 0.48 0.00	25.51 0.50 0.00
FAR ROCKAWAY___4 23548	31.51 2.40 -2.50	29.94 2.41 -2.18	24.64 2.10 0.00	24.58 1.88 0.00	24.09 2.03 0.00	26.34 2.13 -0.02	29.70 2.25 0.00	31.67 2.93 0.00	33.10 2.98 -2.05	35.21 3.05 -4.65	33.95 3.08 -2.04	35.33 2.90 -3.09	39.22 3.03 -6.14	38.98 3.25 -4.16	39.71 3.26 -5.41	42.07 3.25 -6.99	49.43 3.81 -11.31	52.08 3.71 -12.72	48.22 3.80 -9.52	46.66 3.17 -9.79	39.36 3.07 -4.34	34.67 2.69 -3.69	34.26 2.81 -4.73	33.64 2.58 -6.06
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	28.23 1.62 0.00	27.05 1.70 0.00	24.04 1.49 0.00	24.08 1.38 0.00	23.54 1.48 0.00	25.62 1.43 0.00	28.93 1.48 0.00	31.01 2.27 0.00	31.11 2.33 -0.72	32.31 2.39 -2.41	31.19 2.36 0.00	31.63 2.29 0.00	34.49 2.40 -2.05	34.62 2.46 -0.59	38.81 2.36 -5.41	40.75 2.39 -6.53	48.50 2.88 -11.31	51.25 2.89 -12.71	47.00 2.76 -9.34	45.84 2.36 -9.78	36.77 2.11 -2.70	32.98 1.98 -2.71	30.33 2.00 -1.60	29.57 1.85 -2.72

FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	28.23 1.62 0.00	27.05 1.70 0.00	24.04 1.49 0.00	24.08 1.38 0.00	23.54 1.48 0.00	25.62 1.43 0.00	28.93 1.48 0.00	31.01 2.27 0.00	31.11 2.33 -0.72	32.31 2.39 -2.41	31.19 2.36 0.00	31.63 2.29 0.00	34.46 2.37 -2.05	34.62 2.46 -0.59	38.81 2.36 -5.41	40.75 2.39 -6.53	48.50 2.88 -11.31	51.25 2.89 -12.71	47.03 2.79 -9.34	45.84 2.36 -9.78	36.77 2.11 -2.70	32.98 1.98 -2.71	30.33 2.00 -1.60	29.57 1.85 -2.72
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	28.21 1.60 0.00	27.02 1.67 0.00	24.01 1.47 0.00	24.08 1.38 0.00	23.54 1.48 0.00	25.60 1.40 0.00	28.90 1.45 0.00	30.98 2.24 0.00	31.08 2.30 -0.72	32.28 2.37 -2.41	31.16 2.33 0.00	31.60 2.26 0.00	34.46 2.37 -2.05	34.59 2.43 -0.59	38.78 2.33 -5.41	40.72 2.36 -6.53	48.47 2.85 -11.31	51.22 2.85 -12.71	46.96 2.72 -9.34	45.81 2.33 -9.78	36.73 2.08 -2.70	32.96 1.95 -2.71	30.30 1.98 -1.60	29.55 1.83 -2.72
FARRAGUT___LBMP 323566	28.18 1.57 0.00	27.00 1.65 0.00	23.99 1.44 0.00	24.06 1.36 0.00	23.52 1.46 0.00	25.57 1.38 0.00	28.87 1.43 0.00	30.95 2.21 0.00	31.06 2.27 -0.72	32.25 2.34 -2.41	31.13 2.31 0.00	31.57 2.23 0.00	34.43 2.34 -2.05	34.56 2.40 -0.59	38.75 2.30 -5.41	40.69 2.32 -6.53	48.43 2.81 -11.31	51.15 2.78 -12.71	46.93 2.69 -9.34	45.78 2.29 -9.78	36.70 2.05 -2.70	32.93 1.92 -2.71	30.28 1.95 -1.60	29.52 1.80 -2.72
FENNER___WINDPWR 24204	27.12 0.50 0.00	25.83 0.48 0.00	22.91 0.36 0.00	23.10 0.41 0.00	22.44 0.37 0.00	24.68 0.48 0.00	28.27 0.82 0.00	29.52 0.78 0.00	28.79 0.70 -0.02	28.21 0.63 -0.07	29.49 0.66 0.00	30.16 0.82 0.00	30.90 0.81 -0.05	32.44 0.85 -0.02	32.09 0.90 -0.15	32.90 0.89 -0.17	35.61 1.00 -0.30	37.03 1.03 -0.34	36.25 1.08 -0.27	35.11 1.15 -0.26	32.86 0.89 -0.01	29.04 0.68 -0.07	27.30 0.53 -0.04	25.63 0.55 -0.08
FIBERTEK___ENERGY 23856	26.69 0.08 0.00	25.38 0.03 0.00	22.50 -0.05 0.00	22.74 0.05 0.00	22.04 -0.02 0.00	24.24 0.05 0.00	27.72 0.27 0.00	28.77 0.03 0.00	28.09 -0.03 -0.05	27.60 -0.06 -0.15	28.83 0.00 0.00	29.40 0.06 0.00	30.12 -0.03 -0.11	31.54 -0.06 -0.04	31.38 0.03 -0.31	32.24 0.03 -0.37	34.95 0.00 -0.64	36.42 0.04 -0.73	35.54 0.07 -0.57	34.40 0.13 -0.56	32.11 0.13 -0.02	28.53 0.08 -0.15	26.90 0.08 -0.09	25.24 0.08 -0.16
FITZPATRICK____ 23598	25.97 -0.64 0.00	24.74 -0.61 0.00	21.96 -0.59 0.00	22.15 -0.54 0.00	21.51 -0.55 0.00	23.64 -0.56 0.00	26.84 -0.60 0.00	27.88 -0.86 0.00	27.26 -0.84 -0.03	26.75 -0.85 -0.10	27.96 -0.86 0.00	28.49 -0.85 0.00	29.18 -0.93 -0.07	30.61 -0.93 -0.02	30.31 -0.93 -0.20	31.12 -0.95 -0.24	33.66 -1.06 -0.41	35.01 -1.11 -0.46	34.18 -1.08 -0.36	33.08 -0.98 -0.36	31.01 -0.96 -0.02	27.60 -0.79 -0.09	26.04 -0.75 -0.06	24.41 -0.70 -0.10
FLOWRFLD_69_KV_BK1 356044	31.95 2.82 -2.52	30.34 2.79 -2.20	25.05 2.48 -0.02	24.90 2.20 0.00	24.40 2.34 0.00	26.75 2.54 -0.02	30.08 2.63 0.00	32.22 3.48 0.00	33.46 3.34 -2.05	35.48 3.33 -4.65	34.15 3.29 -2.04	37.60 3.14 -5.12	41.37 3.33 -7.99	57.54 3.57 -22.41	51.14 3.35 -16.75	90.76 3.44 -55.49	164.53 3.95 -126.28	163.57 3.81 -124.10	170.60 3.98 -131.72	83.15 3.30 -46.14	47.61 3.36 -12.30	43.73 3.03 -12.41	37.94 3.05 -8.17	37.73 2.85 -9.87
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	28.18 1.57 0.00	26.95 1.60 0.00	23.92 1.38 0.00	23.99 1.29 0.00	23.41 1.35 0.00	25.52 1.33 0.00	28.87 1.43 0.00	30.72 1.98 0.00	30.67 1.88 -0.72	31.78 1.87 -2.40	30.70 1.87 0.00	31.16 1.82 0.00	34.04 2.01 -1.98	34.28 2.11 -0.59	38.48 2.14 -5.30	40.41 2.20 -6.38	48.00 2.64 -11.05	50.79 2.71 -12.43	46.79 2.62 -9.28	45.74 2.29 -9.75	36.80 2.11 -2.73	32.77 1.81 -2.66	30.12 1.82 -1.58	29.41 1.68 -2.73
FORT ORANGE____ 23900	27.41 0.80 0.00	26.11 0.76 0.00	23.25 0.70 0.00	23.33 0.63 0.00	22.75 0.68 0.00	24.87 0.68 0.00	28.24 0.80 0.00	29.77 1.03 0.00	29.96 0.98 -0.91	31.37 0.96 -2.90	29.81 0.98 0.00	30.28 0.94 0.00	33.07 1.14 -1.88	33.49 1.17 -0.75	37.83 1.21 -5.58	39.68 1.27 -6.57	47.05 1.37 -11.37	50.04 1.46 -12.92	47.19 1.47 -10.83	46.60 1.31 -11.59	38.29 1.28 -5.06	32.22 1.07 -2.85	29.49 1.02 -1.75	29.29 0.90 -3.39
FORT_DRUM_COGEN 23780	26.80 0.19 0.00	25.50 0.15 0.00	22.66 0.11 0.00	22.88 0.18 0.00	22.20 0.13 0.00	24.44 0.24 0.00	28.13 0.69 0.00	29.23 0.49 0.00	28.40 0.31 -0.02	27.72 0.14 -0.08	28.97 0.14 0.00	29.75 0.41 0.00	30.40 0.30 -0.06	31.93 0.35 -0.02	31.60 0.40 -0.16	32.54 0.51 -0.19	35.26 0.62 -0.33	36.85 0.82 -0.38	36.17 0.98 -0.30	35.17 1.18 -0.29	32.80 0.83 -0.01	28.82 0.45 -0.08	27.07 0.29 -0.05	25.39 0.30 -0.08
FPL_FAR_ROCK_GT1 24212	31.64 2.53 -2.50	30.02 2.49 -2.19	24.76 2.21 0.00	24.69 2.00 0.00	24.16 2.10 0.00	26.41 2.20 -0.02	29.83 2.39 0.00	31.70 2.96 0.00	33.10 2.97 -2.05	35.21 3.05 -4.65	33.95 3.09 -2.04	35.33 2.91 -3.09	39.28 3.09 -6.14	38.98 3.25 -4.16	39.68 3.23 -5.41	42.10 3.28 -6.99	49.43 3.81 -11.31	52.08 3.71 -12.72	48.22 3.80 -9.52	46.65 3.17 -9.79	39.36 3.07 -4.34	34.68 2.69 -3.69	34.27 2.81 -4.73	33.64 2.58 -6.06
FPL_FAR_ROCK_GT2 23815	31.64 2.53 -2.50	30.02 2.49 -2.19	24.76 2.21 0.00	24.69 2.00 0.00	24.16 2.10 0.00	26.41 2.20 -0.02	29.83 2.39 0.00	31.70 2.96 0.00	33.10 2.97 -2.05	35.21 3.05 -4.65	33.95 3.09 -2.04	35.33 2.91 -3.09	39.28 3.09 -6.14	38.98 3.25 -4.16	39.68 3.23 -5.41	42.10 3.28 -6.99	49.43 3.81 -11.31	52.08 3.71 -12.72	48.22 3.80 -9.52	46.65 3.17 -9.79	39.36 3.07 -4.34	34.68 2.69 -3.69	34.27 2.81 -4.73	33.64 2.58 -6.06
FRANKLIN_FALL_HYD 24054	26.77 0.16 0.00	25.38 0.03 0.00	22.84 0.29 0.00	22.99 0.30 0.00	22.28 0.22 0.00	24.46 0.27 0.00	27.67 0.22 0.00	28.94 0.20 0.00	28.24 0.17 0.00	27.70 0.19 0.00	29.03 0.20 0.00	29.60 0.26 0.00	30.25 0.21 0.00	31.88 0.32 0.00	31.07 0.03 0.00	31.90 0.06 0.00	34.34 0.03 0.00	35.48 -0.18 0.00	34.62 -0.28 0.00	33.60 -0.10 0.00	31.95 0.00 0.00	28.44 0.14 0.00	26.78 0.05 0.00	25.16 0.15 0.00
FREEPORT_EQUS_GT1 23764	31.51 2.40 -2.50	29.86 2.33 -2.18	24.65 2.10 0.00	24.56 1.86 0.00	24.05 1.99 0.00	26.31 2.10 -0.02	29.70 2.25 0.00	31.59 2.85 0.00	33.01 2.89 -2.05	35.01 2.86 -4.65	33.69 2.83 -2.04	35.18 2.76 -3.09	39.13 2.95 -6.14	38.79 3.06 -4.16	39.43 2.98 -5.41	41.91 3.09 -6.99	49.09 3.46 -11.31	51.69 3.32 -12.72	48.07 3.42 -9.74	46.32 2.83 -9.79	39.19 2.88 -4.36	34.56 2.55 -3.71	34.05 2.59 -4.73	33.44 2.38 -6.06
FREEPORT___CT2 23818	31.51 2.40 -2.50	29.86 2.33 -2.18	24.65 2.10 0.00	24.56 1.86 0.00	24.05 1.99 0.00	26.31 2.10 -0.02	29.70 2.25 0.00	31.59 2.85 0.00	33.01 2.89 -2.05	35.01 2.86 -4.65	33.69 2.83 -2.04	35.18 2.76 -3.09	39.13 2.95 -6.14	38.79 3.06 -4.16	39.43 2.98 -5.41	41.91 3.09 -6.99	49.09 3.46 -11.31	51.69 3.32 -12.72	48.07 3.42 -9.74	46.32 2.83 -9.79	39.19 2.88 -4.36	34.56 2.55 -3.71	34.05 2.59 -4.73	33.44 2.38 -6.06

FRESHKLS_33_KV_LOAD 356253	28.23 1.62 0.00	27.00 1.65 0.00	23.99 1.44 0.00	24.06 1.36 0.00	23.54 1.48 0.00	25.38 1.19 0.00	28.59 1.15 0.01	30.74 2.01 0.01	30.91 2.13 -0.71	32.14 2.23 -2.40	31.04 2.22 0.01	31.47 2.14 0.01	34.42 2.34 -2.04	34.58 2.43 -0.58	38.77 2.33 -5.40	40.68 2.32 -6.52	48.29 2.68 -11.30	50.96 2.60 -12.71	46.82 2.58 -9.33	45.63 2.16 -9.78	36.14 2.08 -2.11	32.86 1.87 -2.70	30.13 1.82 -1.59	29.39 1.68 -2.71
FULTON COGEN____ 23766	26.37 -0.24 0.00	25.07 -0.28 0.00	22.25 -0.29 0.00	22.47 -0.23 0.00	21.78 -0.29 0.00	23.95 -0.24 0.00	27.91 0.47 0.00	28.97 0.23 0.00	28.25 0.14 -0.04	27.75 0.11 -0.13	29.03 0.20 0.00	29.60 0.26 0.00	30.32 0.18 -0.10	31.76 0.16 -0.03	31.55 0.25 -0.27	32.44 0.29 -0.32	35.17 0.31 -0.55	36.63 0.36 -0.62	35.77 0.38 -0.49	34.66 0.47 -0.48	32.36 0.38 -0.02	28.70 0.28 -0.13	27.07 0.27 -0.08	25.37 0.23 -0.14
FULTON____LFGE 323630	29.11 2.50 0.00	27.61 2.26 0.00	24.49 1.94 0.00	24.65 1.95 0.00	24.07 2.01 0.00	26.47 2.27 0.00	30.08 2.64 0.00	31.50 2.76 0.00	31.76 2.75 -0.94	32.82 2.31 -3.00	31.25 2.42 0.00	31.69 2.35 0.00	34.65 2.64 -1.96	35.12 2.78 -0.78	39.81 2.98 -5.79	41.94 3.28 -6.82	49.69 3.57 -11.81	53.13 4.06 -13.42	50.29 4.19 -11.21	49.86 4.18 -11.98	43.60 3.96 -7.68	34.39 3.14 -2.95	31.34 2.81 -1.81	31.08 2.58 -3.50
G.F.CEMENT____DRP 24184	28.21 1.60 0.00	26.87 1.52 0.00	23.90 1.35 0.00	23.99 1.29 0.00	23.41 1.35 0.00	25.72 1.52 0.00	29.20 1.76 0.00	30.69 1.95 0.00	31.05 2.05 -0.93	32.37 1.90 -2.96	30.90 2.08 0.00	31.42 2.08 0.00	34.10 2.19 -1.86	34.61 2.27 -0.77	38.91 2.27 -5.60	40.67 2.26 -6.57	48.02 2.33 -11.38	51.20 2.60 -12.94	48.56 2.65 -11.01	48.14 2.63 -11.81	41.90 2.56 -7.39	33.34 2.18 -2.86	30.39 1.90 -1.77	30.42 1.95 -3.47
GARDENVILLE____LBMP 24039	27.04 0.43 0.00	25.48 0.13 0.00	22.57 0.02 0.00	22.90 0.20 0.00	21.93 -0.13 0.00	24.32 0.12 0.00	27.69 0.25 0.00	28.25 -0.49 0.00	27.71 -0.42 -0.07	27.26 -0.47 -0.22	28.60 -0.23 0.00	29.16 -0.18 0.00	29.66 -0.54 -0.16	30.93 -0.69 -0.06	30.97 -0.53 -0.46	31.71 -0.67 -0.55	34.30 -0.96 -0.95	35.72 -1.00 -1.07	34.80 -0.94 -0.84	33.55 -0.98 -0.83	31.54 -0.45 -0.04	28.29 -0.23 -0.22	26.86 0.00 -0.13	25.29 0.05 -0.24
GARDNVLA_35_KV_LD 355827	27.17 0.56 0.00	25.60 0.25 0.00	22.68 0.14 0.00	22.99 0.30 0.00	22.02 -0.04 0.00	24.44 0.24 0.00	27.80 0.36 0.00	28.37 -0.37 0.00	27.83 -0.31 -0.07	27.37 -0.36 -0.22	28.74 -0.09 0.00	29.31 -0.03 0.00	29.81 -0.39 -0.16	31.09 -0.54 -0.06	31.09 -0.40 -0.46	31.84 -0.54 -0.55	34.43 -0.82 -0.95	35.87 -0.86 -1.07	34.94 -0.80 -0.84	33.69 -0.84 -0.83	31.70 -0.29 -0.04	28.40 -0.11 -0.22	26.97 0.11 -0.13	25.39 0.15 -0.24
GELCKHM__115KV_LOAD 80723	26.53 -0.08 0.00	25.22 -0.13 0.00	22.37 -0.18 0.00	22.61 -0.09 0.00	21.91 -0.15 0.00	24.10 -0.10 0.00	27.47 0.03 0.00	28.48 -0.26 0.00	27.83 -0.28 -0.04	27.34 -0.30 -0.14	28.57 -0.26 0.00	29.10 -0.23 0.00	29.84 -0.30 -0.10	31.25 -0.35 -0.03	31.05 -0.28 -0.29	31.89 -0.29 -0.34	34.56 -0.34 -0.59	36.00 -0.32 -0.67	35.14 -0.28 -0.52	33.98 -0.24 -0.52	31.75 -0.22 -0.02	28.23 -0.20 -0.14	26.65 -0.16 -0.08	24.98 -0.18 -0.15
GENERAL____MILLS 23808	27.12 0.51 0.00	25.55 0.20 0.00	22.64 0.09 0.00	22.95 0.25 0.00	21.98 -0.09 0.00	24.39 0.19 0.00	27.75 0.30 0.00	28.31 -0.43 0.00	27.77 -0.36 -0.07	27.31 -0.41 -0.22	28.68 -0.14 0.00	29.22 -0.12 0.00	29.75 -0.45 -0.16	30.99 -0.63 -0.06	31.03 -0.47 -0.46	31.78 -0.60 -0.55	34.33 -0.93 -0.95	35.80 -0.93 -1.07	34.83 -0.91 -0.84	33.62 -0.91 -0.83	31.64 -0.35 -0.04	28.34 -0.17 -0.22	26.88 0.03 -0.13	25.34 0.10 -0.24
GE_PLASTICS____DRP 24183	27.30 0.69 0.00	26.06 0.71 0.00	23.18 0.63 0.00	23.26 0.57 0.00	22.68 0.62 0.00	24.82 0.63 0.00	28.13 0.69 0.00	29.72 0.98 0.00	29.97 0.98 -0.92	31.40 0.96 -2.93	29.81 0.98 0.00	30.28 0.94 0.00	33.07 1.08 -1.95	33.46 1.14 -0.76	37.90 1.15 -5.71	39.75 1.18 -6.73	47.24 1.27 -11.66	50.25 1.35 -13.24	47.19 1.33 -10.96	46.66 1.25 -11.71	37.88 1.18 -4.74	32.22 1.02 -2.91	29.47 0.96 -1.78	29.31 0.90 -3.41
GILBOA____1 23756	27.57 0.96 0.00	26.29 0.94 0.00	23.40 0.86 0.00	23.47 0.77 0.00	22.88 0.82 0.00	25.02 0.82 0.00	28.38 0.93 0.00	29.95 1.21 0.00	30.16 1.21 -0.89	31.60 1.18 -2.91	30.04 1.21 0.00	30.51 1.17 0.00	33.48 1.26 -2.18	33.63 1.33 -0.73	38.40 1.30 -6.06	40.40 1.34 -7.22	48.13 1.30 -12.52	51.07 1.28 -14.14	47.26 1.29 -11.07	46.79 1.38 -11.70	36.43 1.31 -3.17	32.54 1.19 -3.06	29.71 1.15 -1.84	29.39 1.05 -3.34
GILBOA____2 23757	27.57 0.96 0.00	26.29 0.94 0.00	23.40 0.86 0.00	23.47 0.77 0.00	22.88 0.82 0.00	25.02 0.82 0.00	28.38 0.93 0.00	29.95 1.21 0.00	30.16 1.21 -0.89	31.60 1.18 -2.91	30.04 1.21 0.00	30.51 1.17 0.00	33.48 1.26 -2.18	33.63 1.33 -0.73	38.40 1.30 -6.06	40.40 1.34 -7.22	48.13 1.30 -12.52	51.07 1.28 -14.14	47.26 1.29 -11.07	46.79 1.38 -11.70	36.43 1.31 -3.17	32.54 1.19 -3.06	29.71 1.15 -1.84	29.39 1.05 -3.34
GILBOA____3 23758	27.57 0.96 0.00	26.29 0.94 0.00	23.40 0.86 0.00	23.47 0.77 0.00	22.88 0.82 0.00	25.02 0.82 0.00	28.38 0.93 0.00	29.95 1.21 0.00	30.16 1.21 -0.89	31.60 1.18 -2.91	30.04 1.21 0.00	30.51 1.17 0.00	33.48 1.26 -2.18	33.63 1.33 -0.73	38.40 1.30 -6.06	40.40 1.34 -7.22	48.13 1.30 -12.52	51.07 1.28 -14.14	47.26 1.29 -11.07	46.79 1.38 -11.70	36.43 1.31 -3.17	32.54 1.19 -3.06	29.71 1.15 -1.84	29.39 1.05 -3.34
GILBOA____4 23759	27.57 0.96 0.00	26.29 0.94 0.00	23.40 0.86 0.00	23.47 0.77 0.00	22.88 0.82 0.00	25.02 0.82 0.00	28.38 0.93 0.00	29.95 1.21 0.00	30.16 1.21 -0.89	31.60 1.18 -2.91	30.04 1.21 0.00	30.51 1.17 0.00	33.48 1.26 -2.18	33.63 1.33 -0.73	38.40 1.30 -6.06	40.40 1.34 -7.22	48.13 1.30 -12.52	51.07 1.28 -14.14	47.26 1.29 -11.07	46.79 1.38 -11.70	36.43 1.31 -3.17	32.54 1.19 -3.06	29.71 1.15 -1.84	29.39 1.05 -3.34
GILBOA____ 23599	27.46 0.85 0.00	26.24 0.89 0.00	23.34 0.79 0.00	23.40 0.70 0.00	22.84 0.77 0.00	24.97 0.77 0.00	28.27 0.82 0.00	29.92 1.18 0.00	30.16 1.21 -0.89	31.60 1.18 -2.91	30.04 1.21 0.00	30.51 1.17 0.00	33.48 1.26 -2.18	33.63 1.33 -0.73	38.40 1.30 -6.06	40.40 1.34 -7.22	48.13 1.30 -12.52	51.07 1.28 -14.14	47.26 1.29 -11.07	46.79 1.38 -11.70	36.43 1.31 -3.17	32.54 1.19 -3.06	29.69 1.12 -1.84	29.39 1.05 -3.34
GINNA____ 23603	27.20 0.58 0.00	25.86 0.51 0.00	22.89 0.34 0.00	23.24 0.54 0.00	22.42 0.35 0.00	24.73 0.53 0.00	28.13 0.69 0.00	29.14 0.40 0.00	28.65 0.53 -0.05	28.17 0.50 -0.17	29.35 0.52 0.00	29.90 0.56 0.00	30.53 0.36 -0.13	32.02 0.41 -0.04	31.82 0.43 -0.35	32.73 0.48 -0.42	35.38 0.34 -0.72	36.90 0.43 -0.82	35.96 0.42 -0.64	34.81 0.47 -0.63	32.62 0.64 -0.03	29.14 0.68 -0.17	27.52 0.69 -0.10	25.81 0.63 -0.18

GLEN PARK____ 23778	26.85 0.24 0.00	25.58 0.23 0.00	22.73 0.18 0.00	22.95 0.25 0.00	22.26 0.20 0.00	24.53 0.34 0.00	28.30 0.85 0.00	29.40 0.66 0.00	28.54 0.45 -0.02	27.86 0.28 -0.08	29.11 0.29 0.00	29.93 0.59 0.00	30.58 0.48 -0.06	32.12 0.54 -0.02	31.77 0.56 -0.17	32.64 0.60 -0.20	35.34 0.69 -0.35	36.97 0.93 -0.39	36.32 1.12 -0.31	35.35 1.35 -0.30	32.89 0.93 -0.01	29.00 0.62 -0.08	27.23 0.45 -0.05	25.54 0.45 -0.09
GLENDALDE_27_KV_LOAD 356172	28.29 1.68 0.00	27.07 1.72 0.00	24.06 1.51 0.00	24.10 1.41 0.00	23.59 1.52 0.00	25.57 1.38 0.00	28.90 1.45 0.00	31.04 2.30 0.00	31.17 2.39 -0.72	32.36 2.45 -2.41	31.28 2.45 0.00	31.72 2.38 0.00	34.64 2.55 -2.05	34.78 2.62 -0.59	38.97 2.51 -5.41	40.88 2.52 -6.53	48.54 2.92 -11.31	51.21 2.85 -12.71	47.07 2.83 -9.34	45.88 2.39 -9.78	36.89 2.24 -2.70	33.07 2.07 -2.71	30.36 2.03 -1.60	29.62 1.90 -2.72
GLENWOOD_IC_1_G5 23712	31.05 1.94 -2.50	29.48 1.95 -2.18	24.26 1.71 0.00	24.26 1.57 0.00	23.74 1.68 0.00	25.93 1.72 -0.02	29.26 1.81 0.00	31.24 2.50 0.00	32.70 2.58 -2.05	34.77 2.61 -4.65	33.49 2.62 -2.04	35.01 2.58 -3.09	38.92 2.73 -6.14	38.38 2.65 -4.16	39.06 2.61 -5.41	41.47 2.64 -6.99	48.71 3.09 -11.31	51.40 3.03 -12.72	47.67 3.04 -9.73	46.02 2.53 -9.79	38.74 2.43 -4.36	34.36 2.35 -3.71	33.75 2.30 -4.73	33.16 2.10 -6.06
GLENWOOD_IC_2_G1 23688	31.00 1.89 -2.50	29.38 1.85 -2.18	24.22 1.67 0.00	24.22 1.52 0.00	23.65 1.59 0.00	25.83 1.62 -0.02	29.21 1.76 0.00	31.07 2.33 0.00	32.48 2.36 -2.05	34.52 2.37 -4.65	33.26 2.39 -2.04	34.74 2.32 -3.09	38.65 2.46 -6.14	38.28 2.56 -4.16	38.94 2.48 -5.41	41.37 2.55 -6.99	48.61 2.98 -11.31	51.29 2.92 -12.72	47.35 2.93 -9.52	45.95 2.46 -9.79	38.62 2.33 -4.34	34.11 2.12 -3.69	33.54 2.09 -4.73	32.96 1.90 -6.06
GLENWOOD_IC_3_G1 23689	31.00 1.89 -2.50	29.38 1.85 -2.18	24.22 1.67 0.00	24.22 1.52 0.00	23.65 1.59 0.00	25.83 1.62 -0.02	29.21 1.76 0.00	31.07 2.33 0.00	32.48 2.36 -2.05	34.52 2.37 -4.65	33.26 2.39 -2.04	34.74 2.32 -3.09	38.65 2.46 -6.14	38.28 2.56 -4.16	38.94 2.48 -5.41	41.37 2.55 -6.99	48.61 2.98 -11.31	51.29 2.92 -12.72	47.35 2.93 -9.52	45.95 2.46 -9.79	38.62 2.33 -4.34	34.11 2.12 -3.69	33.54 2.09 -4.73	32.96 1.90 -6.06
GLENWOOD____4 23550	31.05 1.94 -2.50	29.48 1.95 -2.18	24.26 1.71 0.00	24.26 1.57 0.00	23.74 1.68 0.00	25.93 1.72 -0.02	29.26 1.81 0.00	31.24 2.50 0.00	32.70 2.58 -2.05	34.77 2.61 -4.65	33.49 2.62 -2.04	35.01 2.58 -3.09	38.92 2.73 -6.14	38.47 2.75 -4.16	39.12 2.67 -5.41	41.53 2.71 -6.99	48.81 3.19 -11.31	51.47 3.10 -12.72	47.74 3.11 -9.73	46.12 2.63 -9.79	38.81 2.49 -4.36	34.36 2.35 -3.71	33.75 2.30 -4.73	33.16 2.10 -6.06
GLENWOOD____5 23614	31.05 1.94 -2.50	29.48 1.95 -2.18	24.26 1.71 0.00	24.26 1.57 0.00	23.74 1.68 0.00	25.93 1.72 -0.02	29.26 1.81 0.00	31.24 2.50 0.00	32.70 2.58 -2.05	34.77 2.61 -4.65	33.49 2.62 -2.04	35.01 2.58 -3.09	38.92 2.73 -6.14	38.47 2.75 -4.16	39.12 2.67 -5.41	41.53 2.71 -6.99	48.81 3.19 -11.31	51.47 3.10 -12.72	47.74 3.11 -9.73	46.12 2.63 -9.79	38.81 2.49 -4.36	34.36 2.35 -3.71	33.75 2.30 -4.73	33.16 2.10 -6.06
GLOBAL GREEN_PORT_GT1 23814	33.41 4.29 -2.51	31.67 4.13 -2.19	26.23 3.68 -0.01	26.05 3.36 0.00	25.55 3.48 0.00	28.03 3.82 -0.02	31.56 4.12 0.00	33.69 4.95 0.00	35.01 4.88 -2.05	37.08 4.92 -4.65	35.91 5.04 -2.04	40.14 5.05 -5.75	42.98 5.26 -7.68	56.50 5.49 -19.44	50.06 5.55 -13.47	78.95 5.67 -41.45	133.69 6.38 -93.00	133.83 6.31 -91.86	137.66 6.42 -96.33	74.92 5.60 -35.62	47.95 5.46 -10.54	42.85 4.67 -9.89	38.76 4.44 -7.60	38.37 4.12 -9.24
GLOBE____DSASP 323697	26.32 -0.29 0.00	24.79 -0.56 0.00	22.01 -0.54 0.00	22.31 -0.39 0.00	21.34 -0.73 0.00	23.66 -0.53 0.00	26.87 -0.58 0.00	27.30 -1.44 0.00	26.95 -1.18 -0.06	26.50 -1.21 -0.21	27.64 -1.18 0.00	28.17 -1.17 0.00	28.75 -1.44 -0.15	29.95 -1.67 -0.05	30.01 -1.46 -0.43	30.69 -1.66 -0.51	33.10 -2.09 -0.89	34.51 -2.14 -1.00	33.62 -2.06 -0.78	32.46 -2.02 -0.78	30.45 -1.53 -0.03	27.48 -1.02 -0.20	26.13 -0.72 -0.12	24.70 -0.53 -0.22
GOETHSLN____LBMP 323567	28.05 1.44 0.00	26.90 1.55 0.00	23.90 1.35 0.00	23.94 1.25 0.00	23.41 1.35 0.00	25.48 1.28 0.00	28.76 1.32 0.00	30.90 2.16 0.00	31.00 2.22 -0.72	32.17 2.26 -2.41	31.05 2.22 0.00	31.45 2.11 0.00	34.25 2.16 -2.05	34.37 2.21 -0.59	38.53 2.08 -5.41	40.46 2.10 -6.53	48.19 2.57 -11.31	50.93 2.57 -12.71	46.72 2.48 -9.34	45.54 2.06 -9.78	35.89 1.82 -2.12	32.81 1.81 -2.71	30.17 1.84 -1.60	29.42 1.70 -2.72
GOLAH____69_KV_TB 1_2 80279	27.12 0.51 0.00	25.68 0.33 0.00	22.80 0.25 0.00	23.10 0.41 0.00	22.22 0.15 0.00	24.58 0.39 0.00	27.97 0.52 0.00	28.71 -0.03 0.00	28.29 0.17 -0.05	27.82 0.14 -0.17	29.00 0.17 0.00	29.57 0.23 0.00	30.17 0.00 -0.13	31.52 -0.09 -0.04	31.43 0.03 -0.36	32.27 0.00 -0.43	34.85 -0.21 -0.75	36.40 -0.11 -0.85	35.50 -0.07 -0.66	34.33 -0.03 -0.66	32.27 0.29 -0.03	28.89 0.42 -0.17	27.34 0.51 -0.10	25.67 0.48 -0.19
GOODYEAR_LAKE_HYD 323669	27.54 0.93 0.00	26.26 0.91 0.00	23.31 0.77 0.00	23.47 0.77 0.00	22.81 0.75 0.00	25.07 0.87 0.00	28.55 1.10 0.00	29.89 1.15 0.00	29.35 1.09 -0.19	29.16 1.02 -0.64	29.92 1.10 0.00	30.57 1.23 0.00	31.78 1.20 -0.54	32.99 1.26 -0.16	33.76 1.30 -1.42	34.88 1.34 -1.71	38.78 1.51 -2.96	40.55 1.57 -3.33	38.97 1.61 -2.46	37.67 1.58 -2.39	33.95 1.37 -0.63	30.06 1.10 -0.66	28.08 0.96 -0.39	26.55 0.88 -0.67
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	26.96 0.35 0.00	25.63 0.28 0.00	22.71 0.16 0.00	22.95 0.25 0.00	22.24 0.18 0.00	24.46 0.27 0.00	27.86 0.41 0.00	28.97 0.23 0.00	28.36 0.17 -0.13	28.06 0.14 -0.41	29.09 0.26 0.00	29.63 0.29 0.00	30.50 0.15 -0.31	31.83 0.16 -0.10	32.15 0.25 -0.86	33.12 0.25 -1.03	36.33 0.24 -1.78	37.91 0.25 -2.01	36.75 0.28 -1.57	35.51 0.27 -1.54	32.71 0.35 -0.40	28.98 0.28 -0.40	27.26 0.29 -0.24	25.67 0.23 -0.44
GOUDEY____7 23579	26.98 0.37 0.00	25.66 0.30 0.00	22.73 0.18 0.00	22.97 0.27 0.00	22.24 0.18 0.00	24.48 0.29 0.00	27.89 0.44 0.00	29.00 0.26 0.00	28.39 0.20 -0.13	28.08 0.17 -0.41	29.11 0.29 0.00	29.66 0.32 0.00	30.53 0.18 -0.31	31.86 0.19 -0.10	32.18 0.28 -0.86	33.15 0.29 -1.03	36.36 0.27 -1.78	37.98 0.32 -2.01	36.79 0.31 -1.57	35.55 0.30 -1.54	32.74 0.38 -0.40	29.01 0.31 -0.40	27.29 0.32 -0.24	25.70 0.25 -0.44
GOUDEY____8 23580	26.96 0.35 0.00	25.63 0.28 0.00	22.71 0.16 0.00	22.95 0.25 0.00	22.24 0.18 0.00	24.46 0.27 0.00	27.86 0.41 0.00	28.97 0.23 0.00	28.36 0.17 -0.13	28.06 0.14 -0.41	29.09 0.26 0.00	29.63 0.29 0.00	30.50 0.15 -0.31	31.83 0.16 -0.10	32.15 0.25 -0.86	33.12 0.25 -1.03	36.33 0.24 -1.78	37.91 0.25 -2.01	36.75 0.28 -1.57	35.51 0.27 -1.54	32.71 0.35 -0.40	28.98 0.28 -0.40	27.26 0.29 -0.24	25.67 0.23 -0.44

GOWANUS_GT1_1 24077	28.29 1.68 0.00	27.05 1.70 0.00	24.04 1.49 0.00	24.10 1.41 0.00	23.59 1.52 0.00	25.48 1.28 0.00	28.76 1.32 0.00	30.92 2.18 0.00	31.06 2.27 -0.72	32.28 2.37 -2.41	31.19 2.36 0.00	31.66 2.32 0.00	34.58 2.49 -2.05	34.71 2.56 -0.59	38.90 2.45 -5.41	40.82 2.45 -6.53	48.43 2.81 -11.31	51.10 2.75 -12.71	46.96 2.72 -9.34	45.78 2.29 -9.78	36.86 2.20 -2.70	33.01 2.01 -2.71	30.28 1.95 -1.60	29.55 1.83 -2.72
GOWANUS_GT1_2 24078	28.29 1.68 0.00	27.05 1.70 0.00	24.04 1.49 0.00	24.10 1.41 0.00	23.59 1.52 0.00	25.48 1.28 0.00	28.76 1.32 0.00	30.92 2.18 0.00	31.06 2.27 -0.72	32.28 2.37 -2.41	31.19 2.36 0.00	31.66 2.32 0.00	34.58 2.49 -2.05	34.71 2.56 -0.59	38.90 2.45 -5.41	40.82 2.45 -6.53	48.43 2.81 -11.31	51.10 2.75 -12.71	46.96 2.72 -9.34	45.78 2.29 -9.78	36.86 2.20 -2.70	33.01 2.01 -2.71	30.28 1.95 -1.60	29.55 1.83 -2.72
GOWANUS_GT1_3 24079	28.29 1.68 0.00	27.05 1.70 0.00	24.04 1.49 0.00	24.10 1.41 0.00	23.59 1.52 0.00	25.48 1.28 0.00	28.76 1.32 0.00	30.92 2.18 0.00	31.06 2.27 -0.72	32.28 2.37 -2.41	31.19 2.36 0.00	31.66 2.32 0.00	34.58 2.49 -2.05	34.71 2.56 -0.59	38.90 2.45 -5.41	40.82 2.45 -6.53	48.43 2.81 -11.31	51.10 2.75 -12.71	46.96 2.72 -9.34	45.78 2.29 -9.78	36.86 2.20 -2.70	33.01 2.01 -2.71	30.28 1.95 -1.60	29.55 1.83 -2.72
GOWANUS_GT1_4 24080	28.29 1.68 0.00	27.05 1.70 0.00	24.04 1.49 0.00	24.10 1.41 0.00	23.59 1.52 0.00	25.48 1.28 0.00	28.76 1.32 0.00	30.92 2.18 0.00	31.06 2.27 -0.72	32.28 2.37 -2.41	31.19 2.36 0.00	31.66 2.32 0.00	34.58 2.49 -2.05	34.71 2.56 -0.59	38.90 2.45 -5.41	40.82 2.45 -6.53	48.43 2.81 -11.31	51.10 2.75 -12.71	46.96 2.72 -9.34	45.78 2.29 -9.78	36.86 2.20 -2.70	33.01 2.01 -2.71	30.28 1.95 -1.60	29.55 1.83 -2.72
GOWANUS_GT1_5 24084	28.29 1.68 0.00	27.05 1.70 0.00	24.04 1.49 0.00	24.10 1.41 0.00	23.59 1.52 0.00	25.48 1.28 0.00	28.76 1.32 0.00	30.92 2.18 0.00	31.06 2.27 -0.72	32.28 2.37 -2.41	31.19 2.36 0.00	31.66 2.32 0.00	34.58 2.49 -2.05	34.71 2.56 -0.59	38.90 2.45 -5.41	40.82 2.45 -6.53	48.43 2.81 -11.31	51.10 2.75 -12.71	46.96 2.72 -9.34	45.78 2.29 -9.78	36.86 2.20 -2.70	33.01 2.01 -2.71	30.28 1.95 -1.60	29.55 1.83 -2.72
GOWANUS_GT1_6 24111	28.29 1.68 0.00	27.05 1.70 0.00	24.04 1.49 0.00	24.10 1.41 0.00	23.59 1.52 0.00	25.48 1.28 0.00	28.76 1.32 0.00	30.92 2.18 0.00	31.06 2.27 -0.72	32.28 2.37 -2.41	31.19 2.36 0.00	31.66 2.32 0.00	34.58 2.49 -2.05	34.71 2.56 -0.59	38.90 2.45 -5.41	40.82 2.45 -6.53	48.43 2.81 -11.31	51.10 2.75 -12.71	46.96 2.72 -9.34	45.78 2.29 -9.78	36.86 2.20 -2.70	33.01 2.01 -2.71	30.28 1.95 -1.60	29.55 1.83 -2.72
GOWANUS_GT1_7 24112	28.29 1.68 0.00	27.05 1.70 0.00	24.04 1.49 0.00	24.10 1.41 0.00	23.59 1.52 0.00	25.48 1.28 0.00	28.76 1.32 0.00	30.92 2.18 0.00	31.06 2.27 -0.72	32.28 2.37 -2.41	31.19 2.36 0.00	31.66 2.32 0.00	34.58 2.49 -2.05	34.71 2.56 -0.59	38.90 2.45 -5.41	40.82 2.45 -6.53	48.43 2.81 -11.31	51.10 2.75 -12.71	46.96 2.72 -9.34	45.78 2.29 -9.78	36.86 2.20 -2.70	33.01 2.01 -2.71	30.28 1.95 -1.60	29.55 1.83 -2.72
GOWANUS_GT1_8 24113	28.29 1.68 0.00	27.05 1.70 0.00	24.04 1.49 0.00	24.10 1.41 0.00	23.59 1.52 0.00	25.48 1.28 0.00	28.76 1.32 0.00	30.92 2.18 0.00	31.06 2.27 -0.72	32.28 2.37 -2.41	31.19 2.36 0.00	31.66 2.32 0.00	34.58 2.49 -2.05	34.71 2.56 -0.59	38.90 2.45 -5.41	40.82 2.45 -6.53	48.43 2.81 -11.31	51.10 2.75 -12.71	46.96 2.72 -9.34	45.78 2.29 -9.78	36.86 2.20 -2.70	33.01 2.01 -2.71	30.28 1.95 -1.60	29.55 1.83 -2.72
GOWANUS_GT2_1 24114	28.47 1.86 0.00	27.12 1.77 0.00	24.19 1.65 0.00	24.19 1.50 0.00	23.63 1.57 0.00	25.57 1.38 0.00	28.90 1.45 0.00	30.95 2.21 0.00	31.06 2.27 -0.72	32.28 2.37 -2.41	31.19 2.36 0.00	31.66 2.32 0.00	34.58 2.49 -2.05	34.71 2.56 -0.59	38.90 2.45 -5.41	40.85 2.48 -6.53	48.43 2.81 -11.31	51.10 2.75 -12.71	46.97 2.72 -9.34	45.74 2.26 -9.78	36.86 2.20 -2.70	33.01 2.01 -2.71	30.27 1.95 -1.60	29.55 1.82 -2.72
GOWANUS_GT2_2 24115	28.47 1.86 0.00	27.12 1.77 0.00	24.19 1.65 0.00	24.19 1.50 0.00	23.63 1.57 0.00	25.57 1.38 0.00	28.90 1.45 0.00	30.95 2.21 0.00	31.06 2.27 -0.72	32.28 2.37 -2.41	31.19 2.36 0.00	31.66 2.32 0.00	34.58 2.49 -2.05	34.71 2.56 -0.59	38.90 2.45 -5.41	40.85 2.48 -6.53	48.43 2.81 -11.31	51.10 2.75 -12.71	46.97 2.72 -9.34	45.74 2.26 -9.78	36.86 2.20 -2.70	33.01 2.01 -2.71	30.27 1.95 -1.60	29.55 1.82 -2.72
GOWANUS_GT2_3 24116	28.47 1.86 0.00	27.12 1.77 0.00	24.19 1.65 0.00	24.19 1.50 0.00	23.63 1.57 0.00	25.57 1.38 0.00	28.90 1.45 0.00	30.95 2.21 0.00	31.06 2.27 -0.72	32.28 2.37 -2.41	31.19 2.36 0.00	31.66 2.32 0.00	34.58 2.49 -2.05	34.71 2.56 -0.59	38.90 2.45 -5.41	40.85 2.48 -6.53	48.43 2.81 -11.31	51.10 2.75 -12.71	46.97 2.72 -9.34	45.74 2.26 -9.78	36.86 2.20 -2.70	33.01 2.01 -2.71	30.27 1.95 -1.60	29.55 1.82 -2.72
GOWANUS_GT2_4 24117	28.47 1.86 0.00	27.12 1.77 0.00	24.19 1.65 0.00	24.19 1.50 0.00	23.63 1.57 0.00	25.57 1.38 0.00	28.90 1.45 0.00	30.95 2.21 0.00	31.06 2.27 -0.72	32.28 2.37 -2.41	31.19 2.36 0.00	31.66 2.32 0.00	34.58 2.49 -2.05	34.71 2.56 -0.59	38.90 2.45 -5.41	40.85 2.48 -6.53	48.43 2.81 -11.31	51.10 2.75 -12.71	46.97 2.72 -9.34	45.74 2.26 -9.78	36.86 2.20 -2.70	33.01 2.01 -2.71	30.27 1.95 -1.60	29.55 1.82 -2.72
GOWANUS_GT2_5 24118	28.47 1.86 0.00	27.12 1.77 0.00	24.19 1.65 0.00	24.19 1.50 0.00	23.63 1.57 0.00	25.57 1.38 0.00	28.90 1.45 0.00	30.95 2.21 0.00	31.06 2.27 -0.72	32.28 2.37 -2.41	31.19 2.36 0.00	31.66 2.32 0.00	34.58 2.49 -2.05	34.71 2.56 -0.59	38.90 2.45 -5.41	40.85 2.48 -6.53	48.43 2.81 -11.31	51.10 2.75 -12.71	46.97 2.72 -9.34	45.74 2.26 -9.78	36.86 2.20 -2.70	33.01 2.01 -2.71	30.27 1.95 -1.60	29.55 1.82 -2.72
GOWANUS_GT2_6 24119	28.47 1.86 0.00	27.12 1.77 0.00	24.19 1.65 0.00	24.19 1.50 0.00	23.63 1.57 0.00	25.57 1.38 0.00	28.90 1.45 0.00	30.95 2.21 0.00	31.06 2.27 -0.72	32.28 2.37 -2.41	31.19 2.36 0.00	31.66 2.32 0.00	34.58 2.49 -2.05	34.71 2.56 -0.59	38.90 2.45 -5.41	40.85 2.48 -6.53	48.43 2.81 -11.31	51.10 2.75 -12.71	46.97 2.72 -9.34	45.74 2.26 -9.78	36.86 2.20 -2.70	33.01 2.01 -2.71	30.27 1.95 -1.60	29.55 1.82 -2.72
GOWANUS_GT2_7 24120	28.47 1.86 0.00	27.12 1.77 0.00	24.19 1.65 0.00	24.19 1.50 0.00	23.63 1.57 0.00	25.57 1.38 0.00	28.90 1.45 0.00	30.95 2.21 0.00	31.06 2.27 -0.72	32.28 2.37 -2.41	31.19 2.36 0.00	31.66 2.32 0.00	34.58 2.49 -2.05	34.71 2.56 -0.59	38.90 2.45 -5.41	40.85 2.48 -6.53	48.43 2.81 -11.31	51.10 2.75 -12.71	46.97 2.72 -9.34	45.74 2.26 -9.78	36.86 2.20 -2.70	33.01 2.01 -2.71	30.27 1.95 -1.60	29.55 1.82 -2.72

GOWANUS_GT2_8 24121	28.47 1.86 0.00	27.12 1.77 0.00	24.19 1.65 0.00	24.19 1.50 0.00	23.63 1.57 0.00	25.57 1.38 0.00	28.90 1.45 0.00	30.95 2.21 0.00	31.06 2.27 -0.72	32.28 2.37 -2.41	31.19 2.36 0.00	31.66 2.32 0.00	34.58 2.49 -2.05	34.71 2.56 -0.59	38.90 2.45 -5.41	40.85 2.48 -6.53	48.43 2.81 -11.31	51.10 2.75 -12.71	46.97 2.72 -9.34	45.74 2.26 -9.78	36.86 2.20 -2.70	33.01 2.01 -2.71	30.27 1.95 -1.60	29.55 1.82 -2.72
GOWANUS_GT3_1 24122	28.47 1.86 0.00	27.12 1.77 0.00	24.19 1.65 0.00	24.19 1.50 0.00	23.63 1.57 0.00	25.57 1.38 0.00	28.90 1.45 0.00	30.95 2.21 0.00	31.06 2.27 -0.72	32.28 2.37 -2.41	31.19 2.36 0.00	31.66 2.32 0.00	34.58 2.49 -2.05	34.71 2.56 -0.59	38.90 2.45 -5.41	40.85 2.48 -6.53	48.43 2.81 -11.31	51.10 2.75 -12.71	46.97 2.72 -9.34	45.74 2.26 -9.78	36.86 2.20 -2.70	33.01 2.01 -2.71	30.27 1.95 -1.60	29.55 1.82 -2.72
GOWANUS_GT3_2 24123	28.47 1.86 0.00	27.12 1.77 0.00	24.19 1.65 0.00	24.19 1.50 0.00	23.63 1.57 0.00	25.57 1.38 0.00	28.90 1.45 0.00	30.95 2.21 0.00	31.06 2.27 -0.72	32.28 2.37 -2.41	31.19 2.36 0.00	31.66 2.32 0.00	34.58 2.49 -2.05	34.71 2.56 -0.59	38.90 2.45 -5.41	40.85 2.48 -6.53	48.43 2.81 -11.31	51.10 2.75 -12.71	46.97 2.72 -9.34	45.74 2.26 -9.78	36.86 2.20 -2.70	33.01 2.01 -2.71	30.27 1.95 -1.60	29.55 1.82 -2.72
GOWANUS_GT3_3 24124	28.47 1.86 0.00	27.12 1.77 0.00	24.19 1.65 0.00	24.19 1.50 0.00	23.63 1.57 0.00	25.57 1.38 0.00	28.90 1.45 0.00	30.95 2.21 0.00	31.06 2.27 -0.72	32.28 2.37 -2.41	31.19 2.36 0.00	31.66 2.32 0.00	34.58 2.49 -2.05	34.71 2.56 -0.59	38.90 2.45 -5.41	40.85 2.48 -6.53	48.43 2.81 -11.31	51.10 2.75 -12.71	46.97 2.72 -9.34	45.74 2.26 -9.78	36.86 2.20 -2.70	33.01 2.01 -2.71	30.27 1.95 -1.60	29.55 1.82 -2.72
GOWANUS_GT3_4 24125	28.47 1.86 0.00	27.12 1.77 0.00	24.19 1.65 0.00	24.19 1.50 0.00	23.63 1.57 0.00	25.57 1.38 0.00	28.90 1.45 0.00	30.95 2.21 0.00	31.06 2.27 -0.72	32.28 2.37 -2.41	31.19 2.36 0.00	31.66 2.32 0.00	34.58 2.49 -2.05	34.71 2.56 -0.59	38.90 2.45 -5.41	40.85 2.48 -6.53	48.43 2.81 -11.31	51.10 2.75 -12.71	46.97 2.72 -9.34	45.74 2.26 -9.78	36.86 2.20 -2.70	33.01 2.01 -2.71	30.27 1.95 -1.60	29.55 1.82 -2.72
GOWANUS_GT3_5 24126	28.47 1.86 0.00	27.12 1.77 0.00	24.19 1.65 0.00	24.19 1.50 0.00	23.63 1.57 0.00	25.57 1.38 0.00	28.90 1.45 0.00	30.95 2.21 0.00	31.06 2.27 -0.72	32.28 2.37 -2.41	31.19 2.36 0.00	31.66 2.32 0.00	34.58 2.49 -2.05	34.71 2.56 -0.59	38.90 2.45 -5.41	40.85 2.48 -6.53	48.43 2.81 -11.31	51.10 2.75 -12.71	46.97 2.72 -9.34	45.74 2.26 -9.78	36.86 2.20 -2.70	33.01 2.01 -2.71	30.27 1.95 -1.60	29.55 1.82 -2.72
GOWANUS_GT3_6 24127	28.47 1.86 0.00	27.12 1.77 0.00	24.19 1.65 0.00	24.19 1.50 0.00	23.63 1.57 0.00	25.57 1.38 0.00	28.90 1.45 0.00	30.95 2.21 0.00	31.06 2.27 -0.72	32.28 2.37 -2.41	31.19 2.36 0.00	31.66 2.32 0.00	34.58 2.49 -2.05	34.71 2.56 -0.59	38.90 2.45 -5.41	40.85 2.48 -6.53	48.43 2.81 -11.31	51.10 2.75 -12.71	46.97 2.72 -9.34	45.74 2.26 -9.78	36.86 2.20 -2.70	33.01 2.01 -2.71	30.27 1.95 -1.60	29.55 1.82 -2.72
GOWANUS_GT3_7 24128	28.47 1.86 0.00	27.12 1.77 0.00	24.19 1.65 0.00	24.19 1.50 0.00	23.63 1.57 0.00	25.57 1.38 0.00	28.90 1.45 0.00	30.95 2.21 0.00	31.06 2.27 -0.72	32.28 2.37 -2.41	31.19 2.36 0.00	31.66 2.32 0.00	34.58 2.49 -2.05	34.71 2.56 -0.59	38.90 2.45 -5.41	40.85 2.48 -6.53	48.43 2.81 -11.31	51.10 2.75 -12.71	46.97 2.72 -9.34	45.74 2.26 -9.78	36.86 2.20 -2.70	33.01 2.01 -2.71	30.27 1.95 -1.60	29.55 1.82 -2.72
GOWANUS_GT3_8 24129	28.47 1.86 0.00	27.12 1.77 0.00	24.19 1.65 0.00	24.19 1.50 0.00	23.63 1.57 0.00	25.57 1.38 0.00	28.90 1.45 0.00	30.95 2.21 0.00	31.06 2.27 -0.72	32.28 2.37 -2.41	31.19 2.36 0.00	31.66 2.32 0.00	34.58 2.49 -2.05	34.71 2.56 -0.59	38.90 2.45 -5.41	40.85 2.48 -6.53	48.43 2.81 -11.31	51.10 2.75 -12.71	46.97 2.72 -9.34	45.74 2.26 -9.78	36.86 2.20 -2.70	33.01 2.01 -2.71	30.27 1.95 -1.60	29.55 1.82 -2.72
GOWANUS_GT4_1 24130	28.29 1.68 0.00	27.05 1.70 0.00	24.04 1.49 0.00	24.10 1.41 0.00	23.59 1.52 0.00	25.48 1.28 0.00	28.76 1.32 0.00	30.92 2.18 0.00	31.06 2.27 -0.72	32.28 2.37 -2.41	31.19 2.36 0.00	31.66 2.32 0.00	34.58 2.49 -2.05	34.71 2.56 -0.59	38.90 2.45 -5.41	40.82 2.45 -6.53	48.43 2.81 -11.31	51.10 2.75 -12.71	46.96 2.72 -9.34	45.78 2.29 -9.78	36.86 2.20 -2.70	33.01 2.01 -2.71	30.28 1.95 -1.60	29.55 1.83 -2.72
GOWANUS_GT4_2 24131	28.29 1.68 0.00	27.05 1.70 0.00	24.04 1.49 0.00	24.10 1.41 0.00	23.59 1.52 0.00	25.48 1.28 0.00	28.76 1.32 0.00	30.92 2.18 0.00	31.06 2.27 -0.72	32.28 2.37 -2.41	31.19 2.36 0.00	31.66 2.32 0.00	34.58 2.49 -2.05	34.71 2.56 -0.59	38.90 2.45 -5.41	40.82 2.45 -6.53	48.43 2.81 -11.31	51.10 2.75 -12.71	46.96 2.72 -9.34	45.78 2.29 -9.78	36.86 2.20 -2.70	33.01 2.01 -2.71	30.28 1.95 -1.60	29.55 1.83 -2.72
GOWANUS_GT4_3 24132	28.29 1.68 0.00	27.05 1.70 0.00	24.04 1.49 0.00	24.10 1.41 0.00	23.59 1.52 0.00	25.48 1.28 0.00	28.76 1.32 0.00	30.92 2.18 0.00	31.06 2.27 -0.72	32.28 2.37 -2.41	31.19 2.36 0.00	31.66 2.32 0.00	34.58 2.49 -2.05	34.71 2.56 -0.59	38.90 2.45 -5.41	40.82 2.45 -6.53	48.43 2.81 -11.31	51.10 2.75 -12.71	46.96 2.72 -9.34	45.78 2.29 -9.78	36.86 2.20 -2.70	33.01 2.01 -2.71	30.28 1.95 -1.60	29.55 1.83 -2.72
GOWANUS_GT4_4 24133	28.29 1.68 0.00	27.05 1.70 0.00	24.04 1.49 0.00	24.10 1.41 0.00	23.59 1.52 0.00	25.48 1.28 0.00	28.76 1.32 0.00	30.92 2.18 0.00	31.06 2.27 -0.72	32.28 2.37 -2.41	31.19 2.36 0.00	31.66 2.32 0.00	34.58 2.49 -2.05	34.71 2.56 -0.59	38.90 2.45 -5.41	40.82 2.45 -6.53	48.43 2.81 -11.31	51.10 2.75 -12.71	46.96 2.72 -9.34	45.78 2.29 -9.78	36.86 2.20 -2.70	33.01 2.01 -2.71	30.28 1.95 -1.60	29.55 1.83 -2.72
GOWANUS_GT4_5 24134	28.29 1.68 0.00	27.05 1.70 0.00	24.04 1.49 0.00	24.10 1.41 0.00	23.59 1.52 0.00	25.48 1.28 0.00	28.76 1.32 0.00	30.92 2.18 0.00	31.06 2.27 -0.72	32.28 2.37 -2.41	31.19 2.36 0.00	31.66 2.32 0.00	34.58 2.49 -2.05	34.71 2.56 -0.59	38.90 2.45 -5.41	40.82 2.45 -6.53	48.43 2.81 -11.31	51.10 2.75 -12.71	46.96 2.72 -9.34	45.78 2.29 -9.78	36.86 2.20 -2.70	33.01 2.01 -2.71	30.28 1.95 -1.60	29.55 1.83 -2.72
GOWANUS_GT4_6 24135	28.29 1.68 0.00	27.05 1.70 0.00	24.04 1.49 0.00	24.10 1.41 0.00	23.59 1.52 0.00	25.48 1.28 0.00	28.76 1.32 0.00	30.92 2.18 0.00	31.06 2.27 -0.72	32.28 2.37 -2.41	31.19 2.36 0.00	31.66 2.32 0.00	34.58 2.49 -2.05	34.71 2.56 -0.59	38.90 2.45 -5.41	40.82 2.45 -6.53	48.43 2.81 -11.31	51.10 2.75 -12.71	46.96 2.72 -9.34	45.78 2.29 -9.78	36.86 2.20 -2.70	33.01 2.01 -2.71	30.28 1.95 -1.60	29.55 1.83 -2.72

GOWANUS_GT4_7 24136	28.29 1.68 0.00	27.05 1.70 0.00	24.04 1.49 0.00	24.10 1.41 0.00	23.59 1.52 0.00	25.48 1.28 0.00	28.76 1.32 0.00	30.92 2.18 0.00	31.06 2.27 -0.72	32.28 2.37 -2.41	31.19 2.36 0.00	31.66 2.32 0.00	34.58 2.49 -2.05	34.71 2.56 -0.59	38.90 2.45 -5.41	40.82 2.45 -6.53	48.43 2.81 -11.31	51.10 2.75 -12.71	46.96 2.72 -9.34	45.78 2.29 -9.78	36.86 2.20 -2.70	33.01 2.01 -2.71	30.28 1.95 -1.60	29.55 1.83 -2.72
GOWANUS_GT4_8 24137	28.29 1.68 0.00	27.05 1.70 0.00	24.04 1.49 0.00	24.10 1.41 0.00	23.59 1.52 0.00	25.48 1.28 0.00	28.76 1.32 0.00	30.92 2.18 0.00	31.06 2.27 -0.72	32.28 2.37 -2.41	31.19 2.36 0.00	31.66 2.32 0.00	34.58 2.49 -2.05	34.71 2.56 -0.59	38.90 2.45 -5.41	40.82 2.45 -6.53	48.43 2.81 -11.31	51.10 2.75 -12.71	46.96 2.72 -9.34	45.78 2.29 -9.78	36.86 2.20 -2.70	33.01 2.01 -2.71	30.28 1.95 -1.60	29.55 1.83 -2.72
GREENBSH_115KV_TB3 55895	27.17 0.56 0.00	25.93 0.58 0.00	23.04 0.50 0.00	23.13 0.43 0.00	22.57 0.51 0.00	24.70 0.51 0.00	28.00 0.55 0.00	29.60 0.86 0.00	29.85 0.87 -0.92	31.25 0.83 -2.91	29.69 0.86 0.00	30.16 0.82 0.00	32.88 0.96 -1.88	33.33 1.01 -0.76	37.64 1.02 -5.58	39.45 1.05 -6.56	46.80 1.13 -11.36	49.78 1.21 -12.91	46.95 1.19 -10.86	46.44 1.11 -11.63	38.19 1.09 -5.15	32.05 0.91 -2.85	29.31 0.83 -1.75	29.18 0.78 -3.40
GREENDGE_115KV_TB5 80291	27.33 0.72 0.00	25.91 0.56 0.00	22.93 0.38 0.00	23.24 0.54 0.00	22.42 0.35 0.00	24.80 0.60 0.00	28.30 0.85 0.00	29.34 0.60 0.00	28.71 0.56 -0.08	28.27 0.50 -0.26	29.49 0.66 0.00	30.04 0.70 0.00	30.72 0.48 -0.20	32.14 0.51 -0.07	32.21 0.62 -0.55	33.16 0.67 -0.66	35.96 0.51 -1.14	37.36 0.43 -1.28	36.36 0.45 -1.00	35.47 0.78 -0.99	33.06 0.86 -0.24	29.26 0.71 -0.26	27.55 0.67 -0.16	25.86 0.58 -0.28
GREENIDGE___3 23582	27.33 0.72 0.00	25.91 0.56 0.00	22.93 0.38 0.00	23.24 0.54 0.00	22.42 0.35 0.00	24.80 0.60 0.00	28.30 0.85 0.00	29.34 0.60 0.00	28.71 0.56 -0.08	28.27 0.50 -0.26	29.49 0.66 0.00	30.04 0.70 0.00	30.72 0.48 -0.20	32.14 0.51 -0.07	32.21 0.62 -0.55	33.16 0.67 -0.66	35.96 0.51 -1.14	37.36 0.43 -1.28	36.36 0.45 -1.00	35.47 0.78 -0.99	33.06 0.86 -0.24	29.26 0.71 -0.26	27.55 0.67 -0.16	25.86 0.58 -0.28
GREENIDGE___4 23583	27.28 0.67 0.00	25.93 0.58 0.00	22.89 0.34 0.00	23.22 0.52 0.00	22.44 0.37 0.00	24.82 0.63 0.00	28.27 0.82 0.00	29.32 0.57 0.00	28.71 0.56 -0.08	28.27 0.50 -0.26	29.49 0.66 0.00	30.04 0.70 0.00	30.75 0.51 -0.20	32.14 0.50 -0.07	32.21 0.62 -0.55	33.16 0.67 -0.66	35.96 0.52 -1.14	37.37 0.43 -1.28	36.53 0.63 -1.00	35.47 0.78 -0.99	32.96 0.77 -0.24	29.26 0.71 -0.26	27.55 0.67 -0.16	25.86 0.58 -0.28
GREENLWN_69_KV_BK 3 55738	31.08 1.97 -2.50	29.53 2.00 -2.18	24.30 1.76 0.00	24.22 1.52 0.00	23.74 1.68 0.00	25.98 1.77 -0.02	29.26 1.81 0.00	31.33 2.59 0.00	32.73 2.61 -2.05	34.74 2.59 -4.65	33.32 2.45 -2.04	34.48 2.38 -2.76	38.57 2.67 -5.85	35.79 2.94 -1.29	37.50 2.82 -3.63	34.13 2.93 0.63	30.99 3.43 6.75	34.11 3.24 4.79	30.47 3.46 7.89	40.57 2.80 -4.07	38.02 2.78 -3.28	33.29 2.49 -2.51	33.32 2.41 -4.18	32.81 2.35 -5.46
GREENWD_138_KV_38B11_REV_LBMP_J 345004	28.29 1.68 0.00	27.05 1.70 0.00	24.04 1.49 0.00	24.10 1.41 0.00	23.59 1.52 0.00	25.48 1.28 0.00	28.76 1.32 0.00	30.92 2.18 0.00	31.06 2.27 -0.72	32.28 2.37 -2.41	31.19 2.36 0.00	31.66 2.32 0.00	34.58 2.49 -2.05	34.71 2.56 -0.59	38.90 2.45 -5.41	40.82 2.45 -6.53	48.43 2.81 -11.31	51.10 2.75 -12.71	46.96 2.72 -9.34	45.78 2.29 -9.78	36.86 2.20 -2.70	33.01 2.01 -2.71	30.28 1.95 -1.60	29.55 1.83 -2.72
GRISSOM___SOLAR 323813	29.11 2.50 0.00	27.61 2.26 0.00	24.49 1.94 0.00	24.65 1.95 0.00	24.07 2.01 0.00	26.47 2.27 0.00	30.08 2.64 0.00	31.50 2.76 0.00	31.76 2.75 -0.94	32.82 2.31 -3.00	31.25 2.42 0.00	31.69 2.35 0.00	34.65 2.64 -1.96	35.12 2.78 -0.78	39.81 2.98 -5.79	41.94 3.28 -6.82	49.69 3.57 -11.81	53.13 4.06 -13.42	50.29 4.19 -11.21	49.86 4.18 -11.98	43.60 3.96 -7.68	34.39 3.14 -2.95	31.34 2.81 -1.81	31.08 2.58 -3.50
GROVEVILLE___HYD 323602	28.18 1.57 0.00	26.95 1.60 0.00	23.92 1.38 0.00	23.99 1.29 0.00	23.41 1.35 0.00	25.52 1.33 0.00	28.87 1.43 0.00	30.72 1.98 0.00	30.67 1.88 -0.72	31.78 1.87 -2.40	30.70 1.87 0.00	31.16 1.82 0.00	34.04 2.01 -1.98	34.28 2.11 -0.59	38.48 2.14 -5.30	40.41 2.20 -6.38	48.00 2.64 -11.05	50.79 2.71 -12.43	46.79 2.62 -9.28	45.74 2.29 -9.75	36.80 2.11 -2.73	32.77 1.81 -2.66	30.12 1.82 -1.58	29.41 1.68 -2.73
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	26.69 0.08 0.00	25.38 0.03 0.00	22.50 -0.05 0.00	22.74 0.05 0.00	22.04 -0.02 0.00	24.24 0.05 0.00	27.72 0.27 0.00	28.77 0.03 0.00	28.09 -0.03 -0.05	27.60 -0.06 -0.15	28.83 0.00 0.00	29.40 0.06 0.00	30.12 -0.03 -0.11	31.54 -0.06 -0.04	31.38 0.03 -0.31	32.24 0.03 -0.37	34.95 0.00 -0.64	36.42 0.04 -0.73	35.54 0.07 -0.57	34.40 0.13 -0.56	32.11 0.13 -0.02	28.53 0.08 -0.15	26.90 0.08 -0.09	25.24 0.08 -0.16
HAMLTNNY_34_KV_TB 80303	26.82 0.21 0.00	25.50 0.15 0.00	22.59 0.05 0.00	22.85 0.16 0.00	22.13 0.07 0.00	24.36 0.17 0.00	27.72 0.27 0.00	28.80 0.06 0.00	28.12 0.00 -0.05	27.67 0.00 -0.16	28.88 0.06 0.00	29.43 0.09 0.00	30.16 0.00 -0.12	31.61 0.00 -0.04	31.40 0.03 -0.33	32.30 0.06 -0.40	35.03 0.03 -0.69	36.50 0.07 -0.77	35.61 0.10 -0.61	34.44 0.13 -0.60	32.14 0.16 -0.03	28.56 0.11 -0.16	26.93 0.11 -0.09	25.28 0.10 -0.17
HAMPSHIRE___PAPER_HYD 323593	26.32 -0.29 0.00	25.02 -0.33 0.00	22.34 -0.20 0.00	22.51 -0.18 0.00	21.84 -0.22 0.00	23.95 -0.24 0.00	27.23 -0.22 0.00	28.37 -0.37 0.00	27.59 -0.48 0.00	26.93 -0.58 0.00	28.22 -0.61 0.00	28.90 -0.44 0.00	29.53 -0.51 0.00	31.09 -0.47 0.00	30.48 -0.56 0.00	31.29 -0.54 0.00	33.76 -0.55 0.00	35.15 -0.50 0.00	34.45 -0.45 0.00	33.43 -0.27 0.00	31.63 -0.32 0.00	27.84 -0.45 0.00	26.25 -0.48 0.00	24.73 -0.27 0.00
HARDSCRABBLE_WT_PWR 323673	27.06 0.45 0.00	25.81 0.46 0.00	22.95 0.41 0.00	23.08 0.39 0.00	22.44 0.37 0.00	24.61 0.41 0.00	27.94 0.49 0.00	29.23 0.49 0.00	28.57 0.51 0.00	28.03 0.52 0.00	29.37 0.55 0.00	29.93 0.59 0.00	30.64 0.60 0.00	32.20 0.63 0.00	31.66 0.62 0.00	32.44 0.60 0.00	35.00 0.69 0.00	36.33 0.68 0.00	35.53 0.63 0.00	34.17 0.47 0.00	32.24 0.29 0.00	28.49 0.20 0.00	26.86 0.13 0.00	25.18 0.18 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	27.89 1.28 0.00	26.67 1.32 0.00	23.70 1.15 0.00	23.76 1.07 0.00	23.21 1.15 0.00	25.31 1.11 0.00	28.63 1.18 0.00	30.46 1.72 0.00	30.37 1.66 -0.64	31.34 1.68 -2.16	30.50 1.67 0.00	30.98 1.64 0.00	33.64 1.77 -1.83	33.96 1.86 -0.53	37.70 1.83 -4.83	39.54 1.88 -5.82	46.67 2.26 -10.09	49.32 2.32 -11.35	45.50 2.23 -8.36	44.40 1.92 -8.78	36.14 1.76 -2.43	32.27 1.56 -2.42	29.73 1.58 -1.43	28.87 1.43 -2.44

HARSNRAD_115KV_TB1 81005	26.90 0.29 0.00	25.35 0.00 0.00	22.48 -0.07 0.00	22.81 0.11 0.00	21.82 -0.24 0.00	24.19 0.00 0.00	27.53 0.08 0.00	28.02 -0.72 0.00	27.62 -0.51 -0.06	27.13 -0.58 -0.20	28.37 -0.46 0.00	28.90 -0.44 0.00	29.44 -0.75 -0.15	30.70 -0.92 -0.05	30.72 -0.74 -0.42	31.45 -0.89 -0.50	33.95 -1.24 -0.87	35.39 -1.25 -0.99	34.45 -1.22 -0.77	33.29 -1.18 -0.77	31.28 -0.70 -0.03	28.16 -0.34 -0.20	26.74 -0.11 -0.12	25.25 0.03 -0.22
HARZA MOOSE__RIVER 24016	26.96 0.35 0.00	25.68 0.33 0.00	22.84 0.29 0.00	22.99 0.30 0.00	22.33 0.26 0.00	24.56 0.36 0.00	28.02 0.58 0.00	29.23 0.49 0.00	28.50 0.42 -0.01	27.86 0.30 -0.05	29.14 0.32 0.00	29.84 0.50 0.00	30.53 0.45 -0.03	32.08 0.51 -0.01	31.66 0.53 -0.10	32.52 0.57 -0.11	35.19 0.69 -0.20	36.66 0.78 -0.22	35.91 0.84 -0.18	34.82 0.94 -0.17	32.66 0.70 -0.01	28.76 0.42 -0.05	27.05 0.29 -0.03	25.38 0.33 -0.05
HDSNBRDG_115KV_BRDG_TB1 355580	26.53 -0.08 0.00	25.22 -0.13 0.00	22.37 -0.18 0.00	22.61 -0.09 0.00	21.91 -0.15 0.00	24.10 -0.10 0.00	27.45 0.00 0.00	28.45 -0.29 0.00	27.74 -0.36 -0.04	27.29 -0.36 -0.14	28.48 -0.35 0.00	29.02 -0.32 0.00	29.75 -0.39 -0.10	31.16 -0.44 -0.03	30.98 -0.34 -0.29	31.83 -0.35 -0.34	34.49 -0.41 -0.59	35.93 -0.39 -0.67	35.04 -0.38 -0.52	33.88 -0.34 -0.52	31.66 -0.32 -0.02	28.18 -0.25 -0.14	26.62 -0.19 -0.08	24.95 -0.20 -0.15
HELLGATE_13_KV_LD 55870	28.15 1.54 0.00	26.95 1.60 0.00	23.92 1.38 0.00	23.99 1.29 0.00	23.48 1.41 0.00	25.45 1.26 0.00	28.74 1.29 0.00	30.87 2.13 0.00	31.00 2.22 -0.72	32.20 2.28 -2.41	31.07 2.25 0.00	31.54 2.20 0.00	34.43 2.34 -2.05	34.56 2.40 -0.59	38.72 2.27 -5.41	40.66 2.29 -6.53	48.26 2.64 -11.31	50.93 2.57 -12.71	46.79 2.55 -9.34	45.61 2.12 -9.78	36.67 2.01 -2.70	32.87 1.87 -2.71	30.19 1.87 -1.60	29.47 1.75 -2.72
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	28.15 1.54 0.00	26.95 1.60 0.00	23.92 1.38 0.00	23.99 1.29 0.00	23.48 1.41 0.00	25.45 1.26 0.00	28.74 1.29 0.00	30.87 2.13 0.00	31.00 2.22 -0.72	32.20 2.28 -2.41	31.07 2.25 0.00	31.54 2.20 0.00	34.43 2.34 -2.05	34.56 2.40 -0.59	38.72 2.27 -5.41	40.66 2.29 -6.53	48.26 2.64 -11.31	50.93 2.57 -12.71	46.79 2.55 -9.34	45.61 2.12 -9.78	36.67 2.01 -2.70	32.87 1.87 -2.71	30.19 1.87 -1.60	29.47 1.75 -2.72
HEMPSTEAD____ 23647	31.24 2.13 -2.50	29.61 2.08 -2.18	24.42 1.87 0.00	24.35 1.66 0.00	23.85 1.79 0.00	26.05 1.84 -0.02	29.42 1.98 0.00	31.33 2.59 0.00	32.73 2.61 -2.05	34.77 2.61 -4.65	33.43 2.56 -2.04	34.95 2.52 -3.09	38.83 2.64 -6.14	38.47 2.74 -4.16	39.15 2.70 -5.41	41.56 2.74 -6.99	48.81 3.19 -11.31	51.44 3.07 -12.72	47.74 3.11 -9.73	46.05 2.56 -9.79	38.84 2.52 -4.36	34.30 2.29 -3.71	33.76 2.30 -4.73	33.19 2.12 -6.06
HEWLETT__69_KV_BK3 55828	31.35 2.24 -2.50	29.79 2.26 -2.18	24.53 1.98 0.00	24.47 1.77 0.00	23.96 1.90 0.00	26.22 2.01 -0.02	29.56 2.11 0.00	31.53 2.79 0.00	32.96 2.83 -2.05	35.01 2.86 -4.65	33.75 2.88 -2.04	35.18 2.76 -3.09	39.07 2.88 -6.14	38.79 3.06 -4.16	39.49 3.04 -5.41	41.88 3.06 -6.99	49.23 3.60 -11.31	51.86 3.49 -12.72	48.01 3.59 -9.52	46.45 2.97 -9.79	39.17 2.88 -4.34	34.50 2.52 -3.69	34.08 2.62 -4.73	33.46 2.40 -6.06
HICKLING__1 23621	27.28 0.67 0.00	25.86 0.51 0.00	22.86 0.32 0.00	23.17 0.48 0.00	22.37 0.31 0.00	24.70 0.51 0.00	28.19 0.74 0.00	29.17 0.43 0.00	28.53 0.36 -0.10	28.16 0.33 -0.33	29.40 0.58 0.00	29.96 0.62 0.00	30.65 0.36 -0.25	32.03 0.38 -0.08	32.25 0.53 -0.68	33.16 0.51 -0.81	36.17 0.45 -1.41	37.71 0.46 -1.59	36.64 0.49 -1.25	35.38 0.44 -1.24	32.94 0.67 -0.31	29.18 0.57 -0.32	27.48 0.56 -0.19	25.81 0.45 -0.35
HICKLING__2 23622	27.28 0.67 0.00	25.86 0.51 0.00	22.86 0.32 0.00	23.17 0.48 0.00	22.37 0.31 0.00	24.70 0.51 0.00	28.19 0.74 0.00	29.17 0.43 0.00	28.53 0.36 -0.10	28.16 0.33 -0.33	29.40 0.58 0.00	29.96 0.62 0.00	30.65 0.36 -0.25	32.03 0.38 -0.08	32.25 0.53 -0.68	33.16 0.51 -0.81	36.17 0.45 -1.41	37.71 0.46 -1.59	36.64 0.49 -1.25	35.38 0.44 -1.24	32.94 0.67 -0.31	29.18 0.57 -0.32	27.48 0.56 -0.19	25.81 0.45 -0.35
HIGH FALLS__HY 23754	27.97 1.36 0.00	26.75 1.39 0.00	23.74 1.20 0.00	23.81 1.11 0.00	23.26 1.19 0.00	25.36 1.16 0.00	28.65 1.21 0.00	30.55 1.81 0.00	30.47 1.71 -0.69	31.53 1.73 -2.29	30.47 1.64 0.00	31.01 1.67 0.00	33.62 1.77 -1.80	34.00 1.86 -0.57	37.84 1.89 -4.91	39.66 1.94 -5.88	46.94 2.44 -10.19	49.46 2.32 -11.49	45.93 2.27 -8.77	44.89 1.85 -9.34	36.45 1.66 -2.83	32.32 1.53 -2.50	29.82 1.60 -1.49	29.02 1.38 -2.63
HILLBURN__GT 23639	27.97 1.36 0.00	26.72 1.37 0.00	23.76 1.22 0.00	23.81 1.11 0.00	23.23 1.17 0.00	25.38 1.19 0.00	28.76 1.32 0.00	30.52 1.78 0.00	30.52 1.80 -0.66	31.53 1.82 -2.21	30.67 1.85 0.00	31.10 1.76 0.00	33.81 1.89 -1.87	34.10 1.99 -0.54	37.92 1.93 -4.96	39.79 1.97 -5.98	47.03 2.37 -10.35	49.65 2.35 -11.64	45.78 2.30 -8.57	44.61 1.92 -8.99	36.19 1.76 -2.48	32.39 1.61 -2.48	29.80 1.60 -1.46	28.93 1.42 -2.50
HILLSIDE_115KV_TB1 80332	26.80 0.19 0.00	25.43 0.08 0.00	22.50 -0.05 0.00	22.76 0.07 0.00	22.02 -0.04 0.00	24.29 0.10 0.00	27.69 0.25 0.00	28.68 -0.06 0.00	28.09 -0.08 -0.10	27.71 -0.14 -0.34	28.88 0.06 0.00	29.43 0.09 0.00	30.14 -0.15 -0.25	31.53 -0.13 -0.09	31.74 0.00 -0.71	32.61 -0.06 -0.84	35.63 -0.14 -1.46	37.16 -0.14 -1.65	36.05 -0.14 -1.29	34.81 -0.17 -1.28	32.37 0.10 -0.33	28.69 0.06 -0.33	27.01 0.08 -0.20	25.35 -0.03 -0.36
HISHELDN_WT_PWR 323625	26.98 0.37 0.00	25.63 0.28 0.00	22.55 0.00 0.00	22.88 0.18 0.00	22.04 -0.02 0.00	24.41 0.22 0.00	27.64 0.19 0.00	28.31 -0.43 0.00	27.77 -0.37 -0.07	27.33 -0.41 -0.24	28.65 -0.17 0.00	29.19 -0.15 0.00	29.77 -0.45 -0.18	31.00 -0.63 -0.06	31.10 -0.43 -0.49	31.91 -0.51 -0.59	34.61 -0.72 -1.02	35.99 -0.82 -1.15	35.07 -0.73 -0.90	33.85 -0.74 -0.89	31.69 -0.48 -0.21	28.39 -0.14 -0.23	26.92 0.05 -0.14	25.36 0.10 -0.25
HOLTSVILLE_IC_1 23690	31.91 2.79 -2.51	30.25 2.71 -2.19	25.02 2.46 -0.01	24.87 2.18 0.00	24.40 2.34 0.00	26.70 2.49 -0.02	30.03 2.58 0.00	32.04 3.30 0.00	33.35 3.23 -2.05	35.31 3.16 -4.65	33.98 3.11 -2.04	38.00 2.93 -5.73	40.73 3.03 -7.66	53.89 3.16 -19.17	47.40 3.07 -13.29	75.60 3.09 -40.67	129.03 3.57 -91.16	129.12 3.39 -90.07	132.82 3.56 -94.36	71.64 2.90 -35.04	45.34 2.97 -10.41	40.67 2.63 -9.74	37.00 2.73 -7.54	36.72 2.52 -9.19
HOLTSVILLE_IC_10 23699	32.16 3.03 -2.51	30.48 2.94 -2.19	25.22 2.66 -0.01	25.06 2.36 0.00	24.58 2.51 0.00	26.92 2.71 -0.02	30.27 2.83 0.00	32.30 3.56 0.00	33.60 3.48 -2.05	35.59 3.44 -4.65	34.27 3.40 -2.04	38.43 3.26 -5.84	41.19 3.39 -7.75	55.24 3.53 -20.14	48.38 3.44 -13.89	78.57 3.47 -43.26	135.59 3.98 -97.30	135.50 3.82 -96.03	139.82 3.98 -100.94	73.99 3.30 -36.98	46.15 3.35 -10.84	41.48 2.97 -10.21	37.48 3.02 -7.73	37.19 2.80 -9.39

HOLTSVILLE_IC_2 23691	31.91 2.79 -2.51	30.25 2.71 -2.19	25.02 2.46 -0.01	24.87 2.18 0.00	24.40 2.34 0.00	26.70 2.49 -0.02	30.03 2.58 0.00	32.04 3.30 0.00	33.35 3.23 -2.05	35.31 3.16 -4.65	33.98 3.11 -2.04	38.00 2.93 -5.73	40.73 3.03 -7.66	53.89 3.16 -19.17	47.40 3.07 -13.29	75.60 3.09 -40.67	129.03 3.57 -91.16	129.12 3.39 -90.07	132.82 3.56 -94.36	71.64 2.90 -35.04	45.34 2.97 -10.41	40.67 2.63 -9.74	37.00 2.73 -7.54	36.72 2.52 -9.19
HOLTSVILLE_IC_3 23692	31.91 2.79 -2.51	30.25 2.71 -2.19	25.02 2.46 -0.01	24.87 2.18 0.00	24.40 2.34 0.00	26.70 2.49 -0.02	30.03 2.58 0.00	32.04 3.30 0.00	33.35 3.23 -2.05	35.31 3.16 -4.65	33.98 3.11 -2.04	38.00 2.93 -5.73	40.73 3.03 -7.66	53.89 3.16 -19.17	47.40 3.07 -13.29	75.60 3.09 -40.67	129.03 3.57 -91.16	129.12 3.39 -90.07	132.82 3.56 -94.36	71.64 2.90 -35.04	45.34 2.97 -10.41	40.67 2.63 -9.74	37.00 2.73 -7.54	36.72 2.52 -9.19
HOLTSVILLE_IC_4 23693	31.91 2.79 -2.51	30.25 2.71 -2.19	25.02 2.46 -0.01	24.87 2.18 0.00	24.40 2.34 0.00	26.70 2.49 -0.02	30.03 2.58 0.00	32.04 3.30 0.00	33.35 3.23 -2.05	35.31 3.16 -4.65	33.98 3.11 -2.04	38.00 2.93 -5.73	40.73 3.03 -7.66	53.89 3.16 -19.17	47.40 3.07 -13.29	75.60 3.09 -40.67	129.03 3.57 -91.16	129.12 3.39 -90.07	132.82 3.56 -94.36	71.64 2.90 -35.04	45.34 2.97 -10.41	40.67 2.63 -9.74	37.00 2.73 -7.54	36.72 2.52 -9.19
HOLTSVILLE_IC_5 23694	31.91 2.79 -2.51	30.25 2.71 -2.19	25.02 2.46 -0.01	24.87 2.18 0.00	24.40 2.34 0.00	26.70 2.49 -0.02	30.03 2.58 0.00	32.04 3.30 0.00	33.35 3.23 -2.05	35.31 3.16 -4.65	33.98 3.11 -2.04	38.00 2.93 -5.73	40.73 3.03 -7.66	53.89 3.16 -19.17	47.40 3.07 -13.29	75.60 3.09 -40.67	129.03 3.57 -91.16	129.12 3.39 -90.07	132.82 3.56 -94.36	71.64 2.90 -35.04	45.34 2.97 -10.41	40.67 2.63 -9.74	37.00 2.73 -7.54	36.72 2.52 -9.19
HOLTSVILLE_IC_6 23695	32.16 3.03 -2.51	30.48 2.94 -2.19	25.22 2.66 -0.01	25.06 2.36 0.00	24.58 2.51 0.00	26.92 2.71 -0.02	30.27 2.83 0.00	32.30 3.56 0.00	33.60 3.48 -2.05	35.59 3.44 -4.65	34.27 3.40 -2.04	38.43 3.26 -5.84	41.19 3.39 -7.75	55.24 3.53 -20.14	48.38 3.44 -13.89	78.57 3.47 -43.26	135.59 3.98 -97.30	135.50 3.82 -96.03	139.82 3.98 -100.94	73.99 3.30 -36.98	46.15 3.35 -10.84	41.48 2.97 -10.21	37.48 3.02 -7.73	37.19 2.80 -9.39
HOLTSVILLE_IC_7 23696	32.16 3.03 -2.51	30.48 2.94 -2.19	25.22 2.66 -0.01	25.06 2.36 0.00	24.58 2.51 0.00	26.92 2.71 -0.02	30.27 2.83 0.00	32.30 3.56 0.00	33.60 3.48 -2.05	35.59 3.44 -4.65	34.27 3.40 -2.04	38.43 3.26 -5.84	41.19 3.39 -7.75	55.24 3.53 -20.14	48.38 3.44 -13.89	78.57 3.47 -43.26	135.59 3.98 -97.30	135.50 3.82 -96.03	139.82 3.98 -100.94	73.99 3.30 -36.98	46.15 3.35 -10.84	41.48 2.97 -10.21	37.48 3.02 -7.73	37.19 2.80 -9.39
HOLTSVILLE_IC_8 23697	32.16 3.03 -2.51	30.48 2.94 -2.19	25.22 2.66 -0.01	25.06 2.36 0.00	24.58 2.51 0.00	26.92 2.71 -0.02	30.27 2.83 0.00	32.30 3.56 0.00	33.60 3.48 -2.05	35.59 3.44 -4.65	34.27 3.40 -2.04	38.43 3.26 -5.84	41.19 3.39 -7.75	55.24 3.53 -20.14	48.38 3.44 -13.89	78.57 3.47 -43.26	135.59 3.98 -97.30	135.50 3.82 -96.03	139.82 3.98 -100.94	73.99 3.30 -36.98	46.15 3.35 -10.84	41.48 2.97 -10.21	37.48 3.02 -7.73	37.19 2.80 -9.39
HOLTSVILLE_IC_9 23698	32.16 3.03 -2.51	30.48 2.94 -2.19	25.22 2.66 -0.01	25.06 2.36 0.00	24.58 2.51 0.00	26.92 2.71 -0.02	30.27 2.83 0.00	32.30 3.56 0.00	33.60 3.48 -2.05	35.59 3.44 -4.65	34.27 3.40 -2.04	38.43 3.26 -5.84	41.19 3.39 -7.75	55.24 3.53 -20.14	48.38 3.44 -13.89	78.57 3.47 -43.26	135.59 3.98 -97.30	135.50 3.82 -96.03	139.82 3.98 -100.94	73.99 3.30 -36.98	46.15 3.35 -10.84	41.48 2.97 -10.21	37.48 3.02 -7.73	37.19 2.80 -9.39
HOMER_HL_115KV_TB2 355744	26.58 -0.03 0.00	25.12 -0.23 0.00	22.19 -0.36 0.00	22.49 -0.20 0.00	21.64 -0.42 0.00	24.02 -0.17 0.00	27.47 0.03 0.00	28.11 -0.63 0.00	27.22 -0.93 -0.07	26.76 -0.99 -0.24	28.42 -0.40 0.00	28.96 -0.38 0.00	29.23 -0.99 -0.18	30.59 -1.04 -0.06	30.61 -0.93 -0.50	31.36 -1.08 -0.60	34.01 -1.34 -1.04	35.48 -1.35 -1.18	34.50 -1.33 -0.92	33.17 -1.45 -0.91	31.53 -0.64 -0.22	27.80 -0.74 -0.24	26.31 -0.56 -0.14	24.59 -0.68 -0.26
HOWARD_WT_PWR 323690	27.57 0.96 0.00	26.21 0.86 0.00	23.07 0.52 0.00	23.42 0.73 0.00	22.59 0.53 0.00	25.04 0.85 0.00	28.46 1.02 0.00	29.37 0.63 0.00	28.71 0.56 -0.08	28.28 0.50 -0.28	29.61 0.78 0.00	30.16 0.82 0.00	30.82 0.57 -0.21	32.11 0.47 -0.07	32.27 0.65 -0.57	33.19 0.67 -0.69	36.08 0.58 -1.19	37.56 0.57 -1.34	36.61 0.66 -1.05	35.41 0.67 -1.04	32.95 0.74 -0.26	29.36 0.79 -0.27	27.69 0.80 -0.16	26.00 0.70 -0.30
HQ_GEN_CEDARS 23644	26.16 -0.45 0.00	24.87 -0.48 0.00	22.25 -0.29 0.00	22.40 -0.30 0.00	21.73 -0.33 0.00	23.83 -0.36 0.00	26.93 -0.52 0.00	28.19 -0.55 0.00	27.51 -0.56 0.00	26.96 -0.55 0.00	28.25 -0.58 0.00	28.78 -0.56 0.00	29.47 -0.57 0.00	31.00 -0.57 0.00	30.36 -0.68 0.00	31.17 -0.67 0.00	33.55 -0.75 0.00	34.87 -0.78 0.00	34.06 -0.84 0.00	33.03 -0.67 0.00	31.35 -0.61 0.00	27.73 -0.57 0.00	26.17 -0.56 0.00	24.61 -0.40 0.00
HQ_GEN_CEDARS_PROXY 323590	26.16 -0.45 0.00	24.87 -0.48 0.00	22.28 -0.27 0.00	22.42 -0.27 0.00	21.73 -0.33 0.00	23.83 -0.36 0.00	26.95 -0.49 0.00	28.19 -0.55 0.00	27.51 -0.56 0.00	26.96 -0.55 0.00	28.25 -0.58 0.00	28.78 -0.56 0.00	29.47 -0.57 0.00	31.00 -0.57 0.00	30.36 -0.68 0.00	31.14 -0.70 0.00	33.55 -0.75 0.00	34.90 -0.75 0.00	34.10 -0.80 0.00	33.03 -0.67 0.00	31.41 -0.54 0.00	27.73 -0.57 0.00	26.17 -0.56 0.00	24.61 -0.40 0.00
HQ_GEN_IMPORT 323601	26.24 -0.37 0.00	24.97 -0.38 0.00	22.25 -0.29 0.00	22.40 -0.30 0.00	21.78 -0.29 0.00	23.86 -0.34 0.00	27.06 -0.38 0.00	28.34 -0.40 0.00	27.67 -0.39 0.00	27.12 -0.39 0.00	28.42 -0.40 0.00	28.93 -0.41 0.00	29.62 -0.42 0.00	31.16 -0.41 0.00	30.57 -0.46 0.00	31.39 -0.45 0.00	33.83 -0.48 0.00	35.15 -0.50 0.00	34.38 -0.52 0.00	33.23 -0.47 0.00	31.54 -0.42 0.00	27.90 -0.40 0.00	26.33 -0.40 0.00	24.68 -0.33 0.00
HQ_GEN_WHEEL 23651	26.24 -0.37 0.00	24.97 -0.38 0.00	22.25 -0.29 0.00	22.40 -0.30 0.00	21.78 -0.29 0.00	23.86 -0.34 0.00	27.06 -0.38 0.00	28.34 -0.40 0.00	27.67 -0.39 0.00	27.12 -0.39 0.00	28.42 -0.40 0.00	28.93 -0.41 0.00	29.62 -0.42 0.00	31.16 -0.41 0.00	30.57 -0.46 0.00	31.39 -0.45 0.00	33.83 -0.48 0.00	35.15 -0.50 0.00	34.38 -0.52 0.00	33.23 -0.47 0.00	31.54 -0.42 0.00	27.90 -0.40 0.00	26.33 -0.40 0.00	24.68 -0.33 0.00
HUDSON_AVE_GT_3 23810	28.23 1.62 0.00	27.05 1.70 0.00	24.04 1.49 0.00	24.10 1.41 0.00	23.56 1.50 0.00	25.62 1.43 0.00	28.93 1.48 0.00	31.01 2.27 0.00	31.14 2.36 -0.72	32.31 2.39 -2.41	31.22 2.39 0.00	31.63 2.29 0.00	34.49 2.40 -2.05	34.62 2.46 -0.59	38.84 2.39 -5.41	40.75 2.39 -6.53	48.50 2.88 -11.31	51.25 2.89 -12.71	47.03 2.79 -9.34	45.84 2.36 -9.78	36.80 2.14 -2.70	33.01 2.01 -2.71	30.33 2.00 -1.60	29.57 1.85 -2.72

HUDSON AVE_GT_4 23540	28.23 1.62 0.00	27.05 1.70 0.00	24.04 1.49 0.00	24.10 1.41 0.00	23.56 1.50 0.00	25.62 1.43 0.00	28.93 1.48 0.00	31.01 2.27 0.00	31.14 2.36 -0.72	32.31 2.39 -2.41	31.22 2.39 0.00	31.63 2.29 0.00	34.49 2.40 -2.05	34.62 2.46 -0.59	38.84 2.39 -5.41	40.75 2.39 -6.53	48.50 2.88 -11.31	51.25 2.89 -12.71	47.03 2.79 -9.34	45.84 2.36 -9.78	36.80 2.14 -2.70	33.01 2.01 -2.71	30.33 2.00 -1.60	29.57 1.85 -2.72
HUDSON AVE_GT_5 23657	28.23 1.62 0.00	27.05 1.70 0.00	24.04 1.49 0.00	24.10 1.41 0.00	23.56 1.50 0.00	25.62 1.43 0.00	28.93 1.48 0.00	31.01 2.27 0.00	31.14 2.36 -0.72	32.31 2.39 -2.41	31.22 2.39 0.00	31.63 2.29 0.00	34.49 2.40 -2.05	34.62 2.46 -0.59	38.84 2.39 -5.41	40.75 2.39 -6.53	48.50 2.88 -11.31	51.25 2.89 -12.71	47.03 2.79 -9.34	45.84 2.36 -9.78	36.80 2.14 -2.70	33.01 2.01 -2.71	30.33 2.00 -1.60	29.57 1.85 -2.72
HUDSON_AVE_10 24168	28.15 1.54 0.00	26.97 1.62 0.00	23.97 1.42 0.00	24.03 1.34 0.00	23.50 1.43 0.00	25.57 1.38 0.00	28.87 1.43 0.00	30.98 2.24 0.00	31.11 2.33 -0.72	32.28 2.37 -2.41	31.13 2.31 0.00	31.54 2.20 0.00	34.40 2.31 -2.05	34.52 2.37 -0.59	38.75 2.30 -5.41	40.69 2.32 -6.53	48.43 2.81 -11.31	51.18 2.82 -12.71	46.96 2.72 -9.34	45.78 2.29 -9.78	36.70 2.05 -2.70	32.90 1.90 -2.71	30.30 1.98 -1.60	29.52 1.80 -2.72
HUDSON___115KV_TB 4 355613	27.78 1.17 0.00	26.47 1.12 0.00	23.52 0.97 0.00	23.63 0.93 0.00	23.03 0.97 0.00	25.21 1.02 0.00	28.63 1.18 0.00	30.21 1.47 0.00	30.28 1.32 -0.89	31.68 1.32 -2.85	30.09 1.27 0.00	30.57 1.23 0.00	33.54 1.59 -1.91	33.85 1.55 -0.73	38.36 1.74 -5.58	40.24 1.81 -6.59	47.71 1.99 -11.41	50.77 2.17 -12.94	47.75 2.16 -10.68	47.00 1.89 -11.41	38.44 1.82 -4.67	32.75 1.61 -2.84	29.99 1.52 -1.74	29.62 1.30 -3.32
HUNTER MOUNT___DRP 323613	27.97 1.36 0.00	26.64 1.29 0.00	23.68 1.13 0.00	23.76 1.07 0.00	23.19 1.13 0.00	25.36 1.16 0.00	28.76 1.32 0.00	30.35 1.61 0.00	30.27 1.35 -0.86	31.65 1.38 -2.77	30.07 1.24 0.00	30.57 1.23 0.00	33.67 1.71 -1.92	33.85 1.58 -0.71	38.45 1.89 -5.52	40.37 2.01 -6.53	47.82 2.20 -11.32	50.90 2.42 -12.82	47.73 2.41 -10.42	46.84 2.02 -11.12	38.20 1.95 -4.29	32.91 1.81 -2.81	30.20 1.76 -1.71	29.62 1.40 -3.21
HUNTINGTON_RES_REC 323705	31.65 2.55 -2.49	29.98 2.46 -2.17	24.74 2.21 0.01	24.65 1.95 0.00	24.16 2.10 0.00	26.43 2.22 -0.02	29.81 2.36 0.00	31.79 3.05 0.00	33.13 3.00 -2.05	35.12 2.97 -4.65	33.72 2.85 -2.04	35.15 2.73 -3.08	41.97 3.12 -8.80	64.87 3.25 -30.05	59.91 3.04 -25.83	129.39 3.18 -94.37	256.52 3.74 -218.47	252.65 3.56 -213.43	268.35 3.77 -229.68	112.09 3.10 -75.29	52.11 3.10 -17.05	50.46 2.77 -19.39	32.76 2.73 -3.30	32.07 2.58 -4.49
HUNTLEY___63 23557	27.04 0.43 0.00	25.48 0.13 0.00	22.57 0.02 0.00	22.92 0.23 0.00	21.91 -0.15 0.00	24.32 0.12 0.00	27.61 0.16 0.00	28.17 -0.57 0.00	27.74 -0.39 -0.06	27.25 -0.47 -0.21	28.51 -0.32 0.00	29.07 -0.26 0.00	29.63 -0.57 -0.16	30.86 -0.76 -0.05	30.88 -0.59 -0.44	31.62 -0.73 -0.52	34.15 -1.06 -0.90	35.60 -1.07 -1.02	34.65 -1.05 -0.80	33.45 -1.04 -0.79	31.44 -0.54 -0.03	28.27 -0.23 -0.21	26.85 0.00 -0.12	25.33 0.10 -0.23
HUNTLEY___64 23558	27.04 0.43 0.00	25.48 0.13 0.00	22.57 0.02 0.00	22.92 0.23 0.00	21.91 -0.15 0.00	24.32 0.12 0.00	27.61 0.16 0.00	28.17 -0.57 0.00	27.74 -0.39 -0.06	27.25 -0.47 -0.21	28.51 -0.32 0.00	29.07 -0.26 0.00	29.63 -0.57 -0.16	30.86 -0.76 -0.05	30.88 -0.59 -0.44	31.62 -0.73 -0.52	34.15 -1.06 -0.90	35.60 -1.07 -1.02	34.65 -1.05 -0.80	33.45 -1.04 -0.79	31.44 -0.54 -0.03	28.27 -0.23 -0.21	26.85 0.00 -0.12	25.33 0.10 -0.23
HUNTLEY___65 23559	27.04 0.43 0.00	25.48 0.13 0.00	22.57 0.02 0.00	22.92 0.23 0.00	21.91 -0.15 0.00	24.32 0.12 0.00	27.61 0.16 0.00	28.17 -0.57 0.00	27.74 -0.39 -0.06	27.25 -0.47 -0.21	28.51 -0.32 0.00	29.07 -0.26 0.00	29.63 -0.57 -0.16	30.86 -0.76 -0.05	30.88 -0.59 -0.44	31.62 -0.73 -0.52	34.15 -1.06 -0.90	35.60 -1.07 -1.02	34.65 -1.05 -0.80	33.45 -1.04 -0.79	31.44 -0.54 -0.03	28.27 -0.23 -0.21	26.85 0.00 -0.12	25.33 0.10 -0.23
HUNTLEY___66 23560	27.04 0.43 0.00	25.48 0.13 0.00	22.57 0.02 0.00	22.92 0.23 0.00	21.91 -0.15 0.00	24.32 0.12 0.00	27.61 0.16 0.00	28.17 -0.57 0.00	27.74 -0.39 -0.06	27.25 -0.47 -0.21	28.51 -0.32 0.00	29.07 -0.26 0.00	29.63 -0.57 -0.16	30.86 -0.76 -0.05	30.88 -0.59 -0.44	31.62 -0.73 -0.52	34.15 -1.06 -0.90	35.60 -1.07 -1.02	34.65 -1.05 -0.80	33.45 -1.04 -0.79	31.44 -0.54 -0.03	28.27 -0.23 -0.21	26.85 0.00 -0.12	25.33 0.10 -0.23
HUNTLEY___67 23561	26.88 0.27 0.00	25.33 -0.03 0.00	22.46 -0.09 0.00	22.76 0.07 0.00	21.80 -0.26 0.00	24.17 -0.02 0.00	27.50 0.05 0.00	27.99 -0.75 0.00	27.57 -0.56 -0.07	27.09 -0.63 -0.21	28.34 -0.49 0.00	28.90 -0.44 0.00	29.45 -0.75 -0.16	30.67 -0.95 -0.05	30.74 -0.74 -0.44	31.44 -0.92 -0.53	33.96 -1.27 -0.92	35.40 -1.28 -1.03	34.49 -1.22 -0.81	33.26 -1.25 -0.80	31.25 -0.73 -0.03	28.11 -0.40 -0.21	26.69 -0.16 -0.13	25.19 -0.05 -0.23
HUNTLEY___68 23562	26.88 0.27 0.00	25.33 -0.03 0.00	22.46 -0.09 0.00	22.76 0.07 0.00	21.80 -0.26 0.00	24.17 -0.02 0.00	27.50 0.05 0.00	27.99 -0.75 0.00	27.57 -0.56 -0.07	27.09 -0.63 -0.21	28.34 -0.49 0.00	28.90 -0.44 0.00	29.45 -0.75 -0.16	30.67 -0.95 -0.05	30.74 -0.74 -0.44	31.44 -0.92 -0.53	33.96 -1.27 -0.92	35.40 -1.28 -1.03	34.49 -1.22 -0.81	33.26 -1.25 -0.80	31.25 -0.73 -0.03	28.11 -0.40 -0.21	26.69 -0.16 -0.13	25.19 -0.05 -0.23
HYLAND___LFGE 323620	28.32 1.70 0.00	26.90 1.55 0.00	23.72 1.17 0.00	24.19 1.50 0.00	23.25 1.19 0.00	25.77 1.57 0.00	29.42 1.98 0.00	30.46 1.72 0.00	29.77 1.63 -0.07	29.11 1.37 -0.23	30.35 1.53 0.00	30.83 1.50 0.00	31.45 1.23 -0.17	32.89 1.26 -0.06	32.89 1.36 -0.48	34.04 1.62 -0.58	36.99 1.68 -1.00	38.78 2.00 -1.13	37.88 2.09 -0.88	36.67 2.09 -0.88	34.43 2.27 -0.21	30.62 2.09 -0.23	28.84 1.98 -0.14	26.98 1.72 -0.25
INDECK___CORINTH 23802	27.94 1.33 0.00	26.62 1.27 0.00	23.67 1.13 0.00	23.79 1.09 0.00	23.19 1.12 0.00	25.45 1.26 0.00	28.96 1.51 0.00	30.32 1.58 0.00	30.69 1.68 -0.94	31.99 1.51 -2.97	30.53 1.70 0.00	31.04 1.70 0.00	33.66 1.74 -1.88	34.14 1.80 -0.77	38.44 1.77 -5.63	40.20 1.75 -6.61	47.57 1.82 -11.45	50.74 2.07 -13.02	48.04 2.09 -11.04	47.66 2.12 -11.83	41.43 2.05 -7.43	32.96 1.78 -2.88	30.02 1.52 -1.77	30.13 1.65 -3.47
INDECK___ILION 23567	26.96 0.35 0.00	25.71 0.35 0.00	22.86 0.32 0.00	22.99 0.30 0.00	22.35 0.29 0.00	24.51 0.31 0.00	27.80 0.36 0.00	29.14 0.40 0.00	28.46 0.39 0.00	27.89 0.39 0.00	29.23 0.40 0.00	29.78 0.44 0.00	30.49 0.45 0.00	32.04 0.47 0.00	31.50 0.47 0.00	32.31 0.48 0.00	34.82 0.51 0.00	36.22 0.57 0.00	35.42 0.52 0.00	34.17 0.47 0.00	32.34 0.38 0.00	28.58 0.28 0.00	26.94 0.21 0.00	25.23 0.23 0.00

INDECK___OLEAN 23982	26.58 -0.03 0.00	25.25 -0.10 0.00	22.16 -0.38 0.00	22.49 -0.20 0.00	21.73 -0.33 0.00	24.17 -0.02 0.00	27.47 0.03 0.00	28.11 -0.63 0.00	27.22 -0.93 -0.07	26.76 -0.99 -0.24	28.42 -0.40 0.00	28.96 -0.38 0.00	29.41 -0.81 -0.18	30.46 -1.17 -0.06	30.61 -0.93 -0.50	31.42 -1.02 -0.60	34.08 -1.27 -1.04	35.44 -1.39 -1.18	34.53 -1.29 -0.92	33.23 -1.38 -0.91	31.05 -1.12 -0.22	27.80 -0.74 -0.24	26.34 -0.53 -0.14	24.59 -0.67 -0.26
INDECK___OSWEGO 23783	26.16 -0.45 0.00	24.90 -0.46 0.00	22.10 -0.45 0.00	22.31 -0.39 0.00	21.64 -0.42 0.00	23.78 -0.41 0.00	28.02 0.58 0.00	29.17 0.43 0.00	28.44 0.34 -0.04	27.94 0.30 -0.13	29.23 0.40 0.00	29.81 0.47 0.00	30.52 0.39 -0.09	31.98 0.38 -0.03	31.77 0.47 -0.26	32.21 0.06 -0.31	34.82 -0.03 -0.55	36.27 0.00 -0.62	35.45 0.07 -0.48	34.35 0.17 -0.48	32.10 0.13 -0.02	28.87 0.45 -0.12	27.23 0.43 -0.08	25.54 0.40 -0.14
INDECK___YERKES 23781	26.98 0.37 0.00	25.60 0.25 0.00	22.53 -0.02 0.00	22.90 0.20 0.00	22.02 -0.04 0.00	24.41 0.22 0.00	27.59 0.14 0.00	28.17 -0.57 0.00	27.77 -0.37 -0.06	27.27 -0.44 -0.21	28.54 -0.29 0.00	29.10 -0.24 0.00	29.69 -0.51 -0.16	30.89 -0.72 -0.05	30.92 -0.56 -0.44	31.72 -0.64 -0.52	34.25 -0.96 -0.90	35.60 -1.07 -1.02	34.68 -1.01 -0.80	33.51 -0.98 -0.79	31.31 -0.67 -0.03	28.30 -0.20 -0.21	26.91 0.05 -0.12	25.38 0.15 -0.23
INDIAN POINT_GT_1 24139	27.97 1.36 0.00	26.77 1.42 0.00	23.79 1.24 0.00	23.83 1.13 0.00	23.30 1.24 0.00	25.40 1.21 0.00	28.74 1.29 0.00	30.64 1.90 0.00	30.71 1.94 -0.70	31.83 1.95 -2.37	30.82 1.99 0.00	31.25 1.91 0.00	34.10 2.04 -2.01	34.29 2.15 -0.58	38.46 2.11 -5.31	40.38 2.13 -6.41	47.95 2.54 -11.11	50.74 2.60 -12.48	46.59 2.51 -9.17	45.47 2.16 -9.61	36.56 1.95 -2.66	32.71 1.75 -2.66	30.01 1.71 -1.57	29.23 1.55 -2.67
INDIAN POINT_GT_2 23659	27.97 1.36 0.00	26.77 1.42 0.00	23.79 1.24 0.00	23.83 1.13 0.00	23.30 1.24 0.00	25.40 1.21 0.00	28.74 1.29 0.00	30.64 1.90 0.00	30.71 1.94 -0.70	31.83 1.95 -2.37	30.82 1.99 0.00	31.25 1.91 0.00	34.10 2.04 -2.01	34.29 2.15 -0.58	38.46 2.11 -5.31	40.38 2.13 -6.41	47.95 2.54 -11.11	50.74 2.60 -12.48	46.59 2.51 -9.17	45.47 2.16 -9.61	36.56 1.95 -2.66	32.71 1.75 -2.66	30.01 1.71 -1.57	29.23 1.55 -2.67
INDIAN POINT_GT_3 24019	27.97 1.36 0.00	26.77 1.42 0.00	23.79 1.24 0.00	23.83 1.13 0.00	23.30 1.24 0.00	25.40 1.21 0.00	28.74 1.29 0.00	30.64 1.90 0.00	30.71 1.94 -0.70	31.83 1.95 -2.37	30.82 1.99 0.00	31.25 1.91 0.00	34.10 2.04 -2.01	34.29 2.15 -0.58	38.46 2.11 -5.31	40.38 2.13 -6.41	47.95 2.54 -11.11	50.74 2.60 -12.48	46.59 2.51 -9.17	45.47 2.16 -9.61	36.56 1.95 -2.66	32.71 1.75 -2.66	30.01 1.71 -1.57	29.23 1.55 -2.67
INDIAN POINT___2 23530	28.07 1.46 0.00	26.80 1.44 0.00	23.86 1.31 0.00	23.90 1.20 0.00	23.32 1.26 0.00	25.45 1.26 0.00	28.82 1.37 0.00	30.61 1.87 0.00	30.64 1.88 -0.69	31.71 1.90 -2.31	30.76 1.93 0.00	31.19 1.85 0.00	33.95 1.95 -1.96	34.18 2.05 -0.57	38.21 1.99 -5.18	40.13 2.04 -6.25	47.58 2.44 -10.83	50.29 2.46 -12.18	46.23 2.37 -8.96	45.11 2.02 -9.39	36.40 1.85 -2.59	32.59 1.70 -2.60	29.92 1.66 -1.53	29.12 1.50 -2.61
INDIAN POINT___3 23531	27.94 1.33 0.00	26.72 1.37 0.00	23.77 1.22 0.00	23.81 1.11 0.00	23.28 1.21 0.00	25.38 1.19 0.00	28.71 1.26 0.00	30.58 1.84 0.00	30.65 1.88 -0.70	31.77 1.90 -2.37	30.76 1.93 0.00	31.19 1.85 0.00	34.01 1.95 -2.01	34.20 2.05 -0.58	38.34 1.99 -5.32	40.26 2.01 -6.42	47.83 2.40 -11.12	50.57 2.42 -12.49	46.42 2.34 -9.18	45.31 1.99 -9.62	36.46 1.85 -2.66	32.66 1.70 -2.66	29.95 1.66 -1.57	29.18 1.50 -2.67
INGHAM_C_115KV_TB7 356103	27.17 0.56 0.00	25.91 0.56 0.00	23.02 0.47 0.00	23.15 0.45 0.00	22.50 0.44 0.00	24.68 0.48 0.00	28.00 0.55 0.00	29.32 0.57 0.00	28.66 0.59 0.00	28.08 0.58 0.00	29.46 0.63 0.00	30.01 0.67 0.00	30.73 0.69 0.00	32.29 0.73 0.00	31.72 0.68 0.00	32.50 0.67 0.00	35.06 0.75 0.00	36.44 0.78 0.00	35.63 0.73 0.00	34.31 0.61 0.00	32.40 0.45 0.00	28.61 0.31 0.00	26.99 0.27 0.00	25.31 0.30 0.00
IP CORINTH___1 23988	28.02 1.41 0.00	26.72 1.37 0.00	23.74 1.20 0.00	23.85 1.16 0.00	23.28 1.21 0.00	25.55 1.35 0.00	29.01 1.56 0.00	30.46 1.72 0.00	30.83 1.82 -0.94	32.15 1.68 -2.97	30.67 1.84 0.00	31.22 1.88 0.00	33.84 1.92 -1.88	34.33 1.99 -0.77	38.63 1.96 -5.63	40.36 1.91 -6.61	47.78 2.02 -11.45	50.92 2.25 -13.02	48.24 2.30 -11.04	47.82 2.29 -11.83	41.62 2.24 -7.43	33.13 1.95 -2.88	30.18 1.68 -1.77	30.25 1.78 -3.47
IP___TICONDEROGA 23804	29.43 2.82 0.00	27.96 2.61 0.00	24.87 2.32 0.00	24.99 2.29 0.00	24.38 2.32 0.00	26.86 2.66 0.00	30.60 3.16 0.00	32.10 3.36 0.00	32.48 3.48 -0.94	33.69 3.22 -2.96	32.40 3.57 0.00	33.01 3.67 0.00	35.69 3.79 -1.87	36.28 3.95 -0.77	40.65 4.00 -5.61	42.49 4.08 -6.58	49.79 4.08 -11.40	53.15 4.53 -12.97	50.49 4.57 -11.02	50.10 4.58 -11.82	43.96 4.60 -7.40	34.98 3.82 -2.87	31.81 3.31 -1.77	31.80 3.33 -3.47
ISLIP_RES_REC 323679	32.34 3.22 -2.51	30.63 3.09 -2.19	25.35 2.80 -0.01	25.19 2.50 0.00	24.71 2.65 0.00	27.06 2.85 -0.02	30.44 2.99 0.00	32.50 3.76 0.00	33.80 3.68 -2.05	35.81 3.66 -4.65	34.53 3.66 -2.04	39.06 3.52 -6.21	41.45 3.69 -7.72	55.29 3.85 -19.87	47.93 3.75 -13.13	75.67 3.82 -40.02	128.24 4.32 -89.61	128.40 4.17 -88.58	132.04 4.33 -92.81	71.89 3.64 -34.55	46.16 3.67 -10.54	41.16 3.22 -9.64	37.64 3.23 -7.68	37.33 3.00 -9.33
JAMAICA__27_KV_LOAD 355505	28.34 1.73 0.00	27.15 1.80 0.00	24.13 1.58 0.00	24.19 1.50 0.00	23.65 1.59 0.00	25.74 1.55 0.00	29.12 1.67 0.00	31.30 2.56 0.00	31.45 2.67 -0.72	32.64 2.72 -2.41	31.36 2.54 0.00	31.72 2.38 0.00	34.61 2.52 -2.05	34.78 2.62 -0.59	39.00 2.55 -5.41	40.94 2.58 -6.53	48.78 3.16 -11.31	51.54 3.17 -12.71	47.35 3.11 -9.34	46.11 2.63 -9.78	36.99 2.33 -2.70	33.13 2.12 -2.71	30.60 2.27 -1.60	29.75 2.03 -2.72
JANIS___SOLAR 323808	27.89 1.28 0.00	26.54 1.19 0.00	23.47 0.92 0.00	23.76 1.07 0.00	23.03 0.97 0.00	25.43 1.23 0.00	29.07 1.62 0.00	30.18 1.44 0.00	29.46 1.26 -0.13	28.97 1.04 -0.42	29.95 1.12 0.00	30.63 1.29 0.00	31.50 1.14 -0.32	32.87 1.20 -0.11	33.22 1.30 -0.88	34.35 1.47 -1.05	37.84 1.71 -1.82	39.56 1.85 -2.05	38.53 2.02 -1.61	37.24 2.16 -1.38	34.16 1.85 -0.35	30.15 1.50 -0.36	28.23 1.28 -0.22	26.55 1.15 -0.39
JARVIS____ 23743	26.77 0.16 0.00	25.50 0.15 0.00	22.68 0.14 0.00	22.83 0.14 0.00	22.20 0.13 0.00	24.34 0.15 0.00	27.61 0.17 0.00	28.91 0.17 0.00	28.24 0.17 0.00	27.67 0.17 0.00	29.00 0.17 0.00	29.52 0.18 0.00	30.25 0.21 0.00	31.76 0.19 0.00	31.23 0.19 0.00	32.03 0.19 0.00	34.55 0.24 0.00	35.90 0.25 0.00	35.15 0.25 0.00	33.94 0.24 0.00	32.11 0.16 0.00	28.44 0.14 0.00	26.84 0.11 0.00	25.11 0.10 0.00

JENNISON___1 23625	28.00 1.38 0.00	26.64 1.29 0.00	23.61 1.06 0.00	23.85 1.16 0.00	23.12 1.06 0.00	25.50 1.31 0.00	29.18 1.73 0.00	30.29 1.55 0.00	29.77 1.52 -0.18	29.47 1.35 -0.62	30.27 1.44 0.00	31.04 1.70 0.00	32.12 1.56 -0.52	33.39 1.67 -0.15	34.15 1.74 -1.37	35.34 1.85 -1.65	39.27 2.09 -2.86	40.98 2.10 -3.22	39.45 2.16 -2.38	37.80 2.33 -1.77	34.50 2.08 -0.47	30.37 1.61 -0.46	28.37 1.36 -0.28	26.71 1.20 -0.50
JENNISON___2 23626	28.00 1.38 0.00	26.64 1.29 0.00	23.61 1.06 0.00	23.85 1.16 0.00	23.12 1.06 0.00	25.50 1.31 0.00	29.18 1.73 0.00	30.29 1.55 0.00	29.77 1.52 -0.18	29.47 1.35 -0.62	30.27 1.44 0.00	31.04 1.70 0.00	32.12 1.56 -0.52	33.39 1.67 -0.15	34.15 1.74 -1.37	35.34 1.85 -1.65	39.27 2.09 -2.86	40.98 2.10 -3.22	39.45 2.16 -2.38	37.80 2.33 -1.77	34.50 2.08 -0.47	30.37 1.61 -0.46	28.37 1.36 -0.28	26.71 1.20 -0.50
JERICHO_RISE_WT_PWR 323719	26.66 0.05 0.00	25.30 -0.05 0.00	22.73 0.18 0.00	22.90 0.20 0.00	22.20 0.13 0.00	24.36 0.17 0.00	27.59 0.14 0.00	28.88 0.14 0.00	28.21 0.14 0.00	27.67 0.17 0.00	29.00 0.17 0.00	29.55 0.21 0.00	30.22 0.18 0.00	31.82 0.25 0.00	31.07 0.03 0.00	31.90 0.06 0.00	34.34 0.03 0.00	35.62 -0.04 0.00	34.59 -0.31 0.00	33.57 -0.13 0.00	32.21 0.25 0.00	28.41 0.11 0.00	26.75 0.03 0.00	25.08 0.08 0.00
KATONAH___115KV_46KV_TB4 355592	28.29 1.68 0.00	27.02 1.67 0.00	23.97 1.42 0.00	24.01 1.32 0.00	23.45 1.39 0.00	25.62 1.43 0.00	28.98 1.54 0.00	30.90 2.16 0.00	31.10 2.30 -0.73	32.30 2.34 -2.46	31.19 2.36 0.00	31.63 2.29 0.00	34.71 2.58 -2.08	34.88 2.71 -0.60	39.31 2.76 -5.51	41.28 2.80 -6.64	49.15 3.33 -11.51	52.01 3.42 -12.94	47.74 3.32 -9.53	46.61 2.93 -9.98	37.31 2.59 -2.76	33.15 2.09 -2.76	30.31 1.95 -1.63	29.56 1.78 -2.78
KCE_NY_1 323755	28.18 1.57 0.00	26.82 1.47 0.00	23.88 1.33 0.00	23.97 1.27 0.00	23.37 1.30 0.00	25.62 1.43 0.00	29.12 1.67 0.00	30.58 1.84 0.00	30.85 1.85 -0.93	32.20 1.73 -2.96	30.70 1.87 0.00	31.22 1.88 0.00	33.94 2.04 -1.86	34.45 2.12 -0.77	38.77 2.14 -5.59	40.55 2.17 -6.55	47.95 2.30 -11.35	51.06 2.49 -12.91	48.41 2.51 -10.99	47.95 2.46 -11.79	41.68 2.36 -7.36	33.16 2.01 -2.86	30.31 1.82 -1.76	30.25 1.78 -3.46
KCE_NY_6_ESR 323823	27.06 0.45 0.00	25.68 0.33 0.00	22.59 0.05 0.00	22.95 0.25 0.00	22.09 0.02 0.00	24.49 0.29 0.00	27.72 0.27 0.00	28.34 -0.40 0.00	27.80 -0.34 -0.07	27.34 -0.39 -0.22	28.71 -0.11 0.00	29.25 -0.09 0.00	29.81 -0.39 -0.16	30.99 -0.63 -0.06	31.06 -0.43 -0.46	31.84 -0.54 -0.55	34.43 -0.82 -0.95	35.80 -0.93 -1.07	34.90 -0.84 -0.84	33.69 -0.84 -0.83	31.42 -0.57 -0.04	28.37 -0.14 -0.22	26.94 0.08 -0.13	25.34 0.10 -0.24
KEDC_PORT_JEFF_GT2 24210	32.03 2.90 -2.51	30.36 2.81 -2.19	25.09 2.52 -0.01	24.94 2.25 0.00	24.45 2.38 0.00	26.77 2.56 -0.02	30.11 2.66 0.00	32.13 3.39 0.00	33.26 3.14 -2.05	35.26 3.11 -4.65	33.92 3.05 -2.04	37.72 2.88 -5.51	41.02 3.15 -7.83	55.66 3.28 -20.81	48.93 2.98 -14.91	82.51 3.06 -47.62	145.40 3.46 -107.63	145.01 3.32 -106.04	150.28 3.49 -111.89	76.81 2.86 -40.25	46.19 2.91 -11.33	42.03 2.74 -10.99	37.47 2.89 -7.86	37.22 2.68 -9.53
KEDC_PORT_JEFF_GT3 24211	32.03 2.90 -2.51	30.36 2.81 -2.19	25.09 2.52 -0.01	24.94 2.25 0.00	24.45 2.38 0.00	26.77 2.56 -0.02	30.11 2.66 0.00	32.13 3.39 0.00	33.26 3.14 -2.05	35.26 3.11 -4.65	33.92 3.05 -2.04	37.72 2.88 -5.51	41.02 3.15 -7.83	55.66 3.28 -20.81	48.93 2.98 -14.91	82.51 3.06 -47.62	145.40 3.46 -107.63	145.01 3.32 -106.04	150.28 3.49 -111.89	76.81 2.86 -40.25	46.19 2.91 -11.33	42.03 2.74 -10.99	37.47 2.89 -7.86	37.22 2.68 -9.53
KEDC_GLWD_GT4 24219	31.19 2.08 -2.50	29.56 2.03 -2.18	24.37 1.83 0.00	24.35 1.66 0.00	23.81 1.74 0.00	26.03 1.82 -0.02	29.40 1.95 0.00	31.27 2.53 0.00	32.70 2.58 -2.05	34.77 2.61 -4.65	33.49 2.62 -2.04	35.01 2.58 -3.09	38.74 2.55 -6.14	38.38 2.65 -4.16	39.06 2.61 -5.41	41.47 2.64 -6.99	48.71 3.09 -11.31	51.40 3.03 -12.72	47.67 3.03 -9.73	46.02 2.53 -9.79	38.71 2.40 -4.36	34.36 2.35 -3.71	33.76 2.30 -4.73	33.16 2.10 -6.06
KEDC_GLWD_GT5 24220	31.19 2.08 -2.50	29.56 2.03 -2.18	24.37 1.83 0.00	24.35 1.66 0.00	23.81 1.74 0.00	26.03 1.82 -0.02	29.40 1.95 0.00	31.27 2.53 0.00	32.70 2.58 -2.05	34.77 2.61 -4.65	33.49 2.62 -2.04	35.01 2.58 -3.09	38.74 2.55 -6.14	38.38 2.65 -4.16	39.06 2.61 -5.41	41.47 2.64 -6.99	48.71 3.09 -11.31	51.40 3.03 -12.72	47.67 3.03 -9.73	46.02 2.53 -9.79	38.71 2.40 -4.36	34.36 2.35 -3.71	33.76 2.30 -4.73	33.16 2.10 -6.06
KENSICO____ 23655	28.07 1.46 0.00	26.85 1.50 0.00	23.88 1.33 0.00	23.92 1.23 0.00	23.39 1.32 0.00	25.50 1.31 0.00	28.82 1.37 0.00	30.75 2.01 0.00	30.83 2.05 -0.71	32.00 2.09 -2.40	30.93 2.10 0.00	31.36 2.02 0.00	34.25 2.16 -2.04	34.40 2.24 -0.59	38.63 2.20 -5.39	40.57 2.23 -6.50	48.22 2.64 -11.27	50.99 2.67 -12.66	46.79 2.58 -9.31	45.67 2.22 -9.75	36.69 2.05 -2.69	32.83 1.84 -2.70	30.11 1.79 -1.59	29.36 1.65 -2.71
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	28.00 1.38 0.00	26.77 1.42 0.00	23.74 1.20 0.00	23.83 1.13 0.00	23.26 1.19 0.00	25.38 1.19 0.00	28.71 1.26 0.00	30.58 1.84 0.00	30.49 1.80 -0.63	31.38 1.79 -2.08	30.56 1.73 0.00	31.10 1.76 0.00	33.60 1.89 -1.67	34.07 1.99 -0.52	37.57 2.02 -4.51	39.35 2.10 -5.42	46.26 2.57 -9.38	48.65 2.42 -10.57	45.27 2.37 -8.00	44.20 1.92 -8.58	36.24 1.76 -2.53	32.16 1.56 -2.31	29.73 1.63 -1.38	28.85 1.43 -2.41
KIAC_JFK_GT1 23816	28.21 1.60 0.00	27.02 1.67 0.00	24.01 1.47 0.00	24.06 1.36 0.00	23.52 1.46 0.00	25.62 1.43 0.00	28.96 1.51 0.00	31.13 2.39 0.00	31.31 2.53 -0.72	32.47 2.56 -2.41	31.19 2.36 0.00	31.45 2.11 0.00	34.34 2.25 -2.05	34.49 2.34 -0.59	38.69 2.23 -5.41	40.62 2.26 -6.53	48.40 2.78 -11.31	51.15 2.78 -12.71	46.96 2.72 -9.34	45.74 2.26 -9.78	36.70 2.05 -2.70	32.84 1.84 -2.71	30.44 2.11 -1.60	29.60 1.88 -2.72
KIAC_JFK_GT2 23817	28.21 1.60 0.00	27.02 1.67 0.00	24.01 1.47 0.00	24.06 1.36 0.00	23.52 1.46 0.00	25.62 1.43 0.00	28.96 1.51 0.00	31.13 2.39 0.00	31.31 2.53 -0.72	32.47 2.56 -2.41	31.19 2.36 0.00	31.45 2.11 0.00	34.34 2.25 -2.05	34.49 2.34 -0.59	38.69 2.23 -5.41	40.62 2.26 -6.53	48.40 2.78 -11.31	51.15 2.78 -12.71	46.96 2.72 -9.34	45.74 2.26 -9.78	36.70 2.05 -2.70	32.84 1.84 -2.71	30.44 2.11 -1.60	29.60 1.88 -2.72
KIAC_JFK____ 323774	28.39 1.78 0.00	27.08 1.72 0.00	24.15 1.60 0.00	24.17 1.47 0.00	23.58 1.52 0.00	25.72 1.53 0.00	29.09 1.65 0.00	31.16 2.41 0.00	31.31 2.53 -0.72	32.47 2.56 -2.41	31.19 2.36 0.00	31.45 2.11 0.00	34.34 2.25 -2.05	34.49 2.34 -0.59	38.72 2.26 -5.41	40.66 2.29 -6.53	48.43 2.81 -11.31	51.15 2.78 -12.71	46.97 2.72 -9.34	45.74 2.26 -9.78	36.70 2.05 -2.70	33.01 2.01 -2.71	30.43 2.11 -1.60	29.60 1.88 -2.72

KINTIGH____ 23543	26.82 0.21 0.00	25.35 0.00 0.00	22.48 -0.07 0.00	22.79 0.09 0.00	21.87 -0.20 0.00	24.19 0.00 0.00	27.53 0.08 0.00	28.14 -0.60 0.00	27.82 -0.31 -0.06	27.34 -0.36 -0.19	28.45 -0.37 0.00	28.99 -0.35 0.00	29.64 -0.54 -0.14	30.92 -0.69 -0.05	30.93 -0.50 -0.39	31.70 -0.60 -0.47	34.19 -0.93 -0.81	35.64 -0.93 -0.91	34.74 -0.87 -0.71	33.53 -0.88 -0.71	31.44 -0.54 -0.03	28.31 -0.17 -0.19	26.84 0.00 -0.11	25.31 0.10 -0.20
KNTFSRNC_46_KV_46KV_LOAD 80397	26.98 0.37 0.00	25.58 0.23 0.00	23.02 0.47 0.00	23.22 0.52 0.00	22.48 0.42 0.00	24.70 0.51 0.00	28.00 0.55 0.00	29.29 0.55 0.00	28.57 0.51 0.00	28.03 0.52 0.00	29.37 0.55 0.00	29.96 0.62 0.00	30.61 0.57 0.00	32.26 0.69 0.00	31.47 0.43 0.00	32.31 0.48 0.00	34.76 0.45 0.00	35.69 0.04 0.00	34.87 -0.03 0.00	33.90 0.20 0.00	32.30 0.35 0.00	28.92 0.62 0.00	27.21 0.48 0.00	25.53 0.53 0.00
LACHUTE__HYDRO 323717	29.51 2.90 0.00	28.01 2.66 0.00	24.91 2.37 0.00	25.03 2.34 0.00	24.43 2.36 0.00	26.90 2.71 0.00	30.71 3.26 0.00	32.10 3.36 0.00	32.48 3.48 -0.94	33.69 3.22 -2.96	32.40 3.57 0.00	33.01 3.67 0.00	35.69 3.79 -1.87	36.28 3.95 -0.77	40.65 4.01 -5.61	42.49 4.08 -6.58	49.79 4.08 -11.40	53.15 4.53 -12.97	50.49 4.57 -11.02	50.10 4.58 -11.82	43.93 4.57 -7.40	34.98 3.82 -2.87	31.81 3.31 -1.77	31.80 3.33 -3.47
LAWRNCV_115KV_TB1 80681	26.05 -0.56 0.00	24.77 -0.58 0.00	22.19 -0.36 0.00	22.33 -0.36 0.00	21.67 -0.40 0.00	23.69 -0.51 0.00	26.76 -0.69 0.00	27.91 -0.83 0.00	27.17 -0.90 0.00	26.57 -0.94 0.00	27.85 -0.98 0.00	28.43 -0.91 0.00	29.11 -0.93 0.00	30.65 -0.92 0.00	29.95 -1.09 0.00	30.75 -1.08 0.00	33.14 -1.17 0.00	34.44 -1.21 0.00	33.68 -1.22 0.00	32.69 -1.01 0.00	30.99 -0.96 0.00	27.39 -0.91 0.00	25.85 -0.88 0.00	24.46 -0.55 0.00
LEDERLE____ 23769	28.00 1.38 0.00	26.80 1.45 0.00	23.79 1.24 0.00	23.85 1.16 0.00	23.32 1.26 0.00	25.43 1.23 0.00	28.79 1.34 0.00	30.67 1.93 0.00	30.67 1.94 -0.67	31.71 1.95 -2.25	30.79 1.96 0.00	31.22 1.88 0.00	33.96 2.01 -1.91	34.20 2.08 -0.55	38.14 2.05 -5.05	40.00 2.07 -6.09	47.37 2.50 -10.56	50.05 2.53 -11.87	46.08 2.44 -8.74	44.92 2.06 -9.16	36.40 1.92 -2.53	32.58 1.75 -2.53	29.96 1.74 -1.49	29.13 1.58 -2.55
LIGHTHSE_115KV_TB6 355974	26.53 -0.08 0.00	25.22 -0.13 0.00	22.39 -0.16 0.00	22.63 -0.07 0.00	21.93 -0.13 0.00	24.15 -0.05 0.00	27.94 0.49 0.00	29.00 0.26 0.00	28.24 0.14 -0.03	27.70 0.08 -0.11	28.94 0.12 0.00	29.57 0.23 0.00	30.21 0.09 -0.08	31.69 0.09 -0.03	31.43 0.16 -0.23	32.34 0.22 -0.28	34.97 0.17 -0.48	36.49 0.29 -0.55	35.68 0.35 -0.43	34.56 0.44 -0.43	32.29 0.32 -0.02	28.58 0.17 -0.11	27.01 0.21 -0.07	25.30 0.18 -0.12
LINDEN COGEN____ 23786	28.23 1.62 0.00	26.95 1.60 0.00	24.01 1.46 0.00	24.03 1.34 0.00	23.45 1.39 0.00	25.55 1.35 0.00	28.90 1.45 0.00	30.90 2.16 0.00	31.00 2.22 -0.72	32.17 2.26 -2.41	31.02 2.19 0.00	31.42 2.08 0.00	34.22 2.13 -2.05	34.33 2.18 -0.59	38.53 2.08 -5.41	40.46 2.10 -6.53	48.16 2.54 -11.31	50.90 2.53 -12.71	46.68 2.44 -9.34	45.51 2.02 -9.78	35.86 1.79 -2.12	32.79 1.78 -2.71	30.14 1.82 -1.60	29.40 1.68 -2.72
LINDHRST_69_KV_BK1 356055	31.75 2.63 -2.50	30.14 2.61 -2.18	24.85 2.30 0.00	24.76 2.07 0.00	24.27 2.21 0.00	26.58 2.37 -0.02	29.95 2.50 0.00	32.02 3.28 0.00	33.43 3.31 -2.05	35.43 3.27 -4.65	34.10 3.23 -2.04	37.11 3.17 -4.61	39.77 3.21 -6.51	42.87 3.38 -7.93	40.44 3.29 -6.11	45.15 3.34 -9.97	56.54 3.84 -18.38	58.89 3.67 -19.57	56.17 3.80 -17.46	48.89 3.17 -12.02	40.70 3.26 -5.49	35.42 2.86 -4.27	35.04 2.89 -5.43	34.46 2.63 -6.83
LIPA_MISC_IPP 23656	31.94 2.82 -2.51	30.36 2.81 -2.19	25.06 2.50 -0.01	24.90 2.20 0.00	24.42 2.36 0.00	26.77 2.56 -0.02	30.08 2.63 0.00	32.22 3.48 0.00	33.55 3.42 -2.05	35.51 3.36 -4.65	34.18 3.32 -2.04	38.29 3.20 -5.75	40.93 3.21 -7.67	54.35 3.44 -19.34	47.79 3.35 -13.40	76.41 3.44 -41.14	130.51 3.95 -92.26	130.61 3.81 -91.14	134.38 3.94 -95.54	72.39 3.30 -35.39	45.77 3.32 -10.49	41.04 2.91 -9.83	37.27 2.97 -7.58	36.98 2.75 -9.22
LISF__SOLAR 323691	32.18 3.06 -2.51	30.48 2.94 -2.19	25.22 2.66 -0.01	25.06 2.36 0.00	24.58 2.51 0.00	26.92 2.71 -0.02	30.27 2.83 0.00	32.30 3.56 0.00	33.60 3.48 -2.05	35.59 3.44 -4.65	34.27 3.40 -2.04	38.36 3.26 -5.77	41.13 3.39 -7.69	54.63 3.53 -19.53	48.06 3.51 -13.52	77.05 3.56 -41.65	131.86 4.08 -93.47	131.92 3.96 -92.31	135.85 4.12 -96.83	72.91 3.44 -35.77	45.98 3.45 -10.57	41.21 3.00 -9.92	37.36 3.02 -7.61	37.09 2.82 -9.26
LITTLE FALLS__HYD 24013	27.17 0.56 0.00	25.91 0.56 0.00	23.02 0.47 0.00	23.15 0.45 0.00	22.50 0.44 0.00	24.68 0.48 0.00	28.00 0.55 0.00	29.32 0.57 0.00	28.66 0.59 0.00	28.08 0.58 0.00	29.46 0.63 0.00	30.01 0.67 0.00	30.73 0.69 0.00	32.29 0.73 0.00	31.72 0.68 0.00	32.50 0.67 0.00	35.06 0.75 0.00	36.44 0.78 0.00	35.63 0.73 0.00	34.31 0.61 0.00	32.40 0.45 0.00	28.61 0.31 0.00	26.99 0.27 0.00	25.31 0.30 0.00
LITTLRIV_115KV_TB1 356100	26.19 -0.43 0.00	24.89 -0.46 0.00	22.32 -0.23 0.00	22.47 -0.23 0.00	21.80 -0.26 0.00	23.88 -0.31 0.00	26.98 -0.47 0.00	28.17 -0.57 0.00	27.39 -0.67 0.00	26.76 -0.74 0.00	28.05 -0.78 0.00	28.69 -0.65 0.00	29.35 -0.69 0.00	30.90 -0.66 0.00	30.23 -0.81 0.00	31.04 -0.80 0.00	33.45 -0.86 0.00	34.80 -0.86 0.00	34.06 -0.84 0.00	33.06 -0.64 0.00	31.28 -0.67 0.00	27.62 -0.68 0.00	26.03 -0.69 0.00	24.61 -0.40 0.00
LI_NEWBRDGE__DRP 323616	31.03 1.92 -2.50	29.48 1.95 -2.18	24.26 1.71 0.00	24.19 1.50 0.00	23.72 1.65 0.00	25.93 1.72 -0.02	29.23 1.78 0.00	31.24 2.50 0.00	32.65 2.53 -2.05	34.66 2.50 -4.65	33.32 2.45 -2.04	34.77 2.35 -3.09	38.62 2.43 -6.14	38.32 2.59 -4.16	38.97 2.51 -5.41	41.37 2.55 -6.99	48.64 3.02 -11.31	51.22 2.85 -12.72	47.27 2.97 -9.41	45.88 2.39 -9.79	38.68 2.40 -4.33	34.10 2.12 -3.68	33.65 2.19 -4.73	33.09 2.03 -6.06
LOCKPORT_115KV_TB60_63_64 80432	26.90 0.29 0.00	25.35 0.00 0.00	22.48 -0.07 0.00	22.81 0.11 0.00	21.82 -0.24 0.00	24.22 0.02 0.00	27.53 0.08 0.00	28.05 -0.69 0.00	27.65 -0.48 -0.06	27.16 -0.55 -0.20	28.39 -0.43 0.00	28.93 -0.41 0.00	29.47 -0.72 -0.15	30.73 -0.88 -0.05	30.75 -0.71 -0.42	31.48 -0.86 -0.50	33.98 -1.20 -0.87	35.42 -1.21 -0.98	34.48 -1.19 -0.77	33.32 -1.15 -0.76	31.32 -0.67 -0.03	28.18 -0.31 -0.20	26.77 -0.08 -0.12	25.25 0.03 -0.22
LOCKPORT__CC1 323769	26.82 0.21 0.00	25.48 0.13 0.00	22.41 -0.13 0.00	22.76 0.07 0.00	21.91 -0.15 0.00	24.27 0.07 0.00	27.45 0.00 0.00	27.99 -0.75 0.00	27.63 -0.50 -0.06	27.13 -0.58 -0.20	28.36 -0.46 0.00	28.90 -0.44 0.00	29.47 -0.72 -0.15	30.67 -0.95 -0.05	30.72 -0.75 -0.42	31.51 -0.83 -0.50	34.02 -1.17 -0.87	35.39 -1.25 -0.99	34.49 -1.19 -0.77	33.32 -1.15 -0.77	31.16 -0.83 -0.03	28.16 -0.34 -0.20	26.74 -0.11 -0.12	25.25 0.03 -0.22

LOCKPORT___CC2 323770	26.82 0.21 0.00	25.48 0.13 0.00	22.41 -0.13 0.00	22.76 0.07 0.00	21.91 -0.15 0.00	24.27 0.07 0.00	27.45 0.00 0.00	27.99 -0.75 0.00	27.63 -0.50 -0.06	27.13 -0.58 -0.20	28.36 -0.46 0.00	28.90 -0.44 0.00	29.47 -0.72 -0.15	30.67 -0.95 -0.05	30.72 -0.75 -0.42	31.51 -0.83 -0.50	34.02 -1.17 -0.87	35.39 -1.25 -0.99	34.49 -1.19 -0.77	33.32 -1.15 -0.77	31.16 -0.83 -0.03	28.16 -0.34 -0.20	26.74 -0.11 -0.12	25.25 0.03 -0.22
LOCKPORT___CC3 323771	26.82 0.21 0.00	25.48 0.13 0.00	22.41 -0.13 0.00	22.76 0.07 0.00	21.91 -0.15 0.00	24.27 0.07 0.00	27.45 0.00 0.00	27.99 -0.75 0.00	27.63 -0.50 -0.06	27.13 -0.58 -0.20	28.36 -0.46 0.00	28.90 -0.44 0.00	29.47 -0.72 -0.15	30.67 -0.95 -0.05	30.72 -0.75 -0.42	31.51 -0.83 -0.50	34.02 -1.17 -0.87	35.39 -1.25 -0.99	34.49 -1.19 -0.77	33.32 -1.15 -0.77	31.16 -0.83 -0.03	28.16 -0.34 -0.20	26.74 -0.11 -0.12	25.25 0.03 -0.22
LONG_LAKE_PHOENIX 24014	26.37 -0.24 0.00	25.07 -0.28 0.00	22.25 -0.29 0.00	22.47 -0.23 0.00	21.78 -0.29 0.00	23.95 -0.24 0.00	27.91 0.47 0.00	28.97 0.23 0.00	28.25 0.14 -0.04	27.75 0.11 -0.13	29.03 0.20 0.00	29.60 0.26 0.00	30.32 0.18 -0.10	31.76 0.16 -0.03	31.55 0.25 -0.27	32.44 0.29 -0.32	35.17 0.31 -0.55	36.63 0.36 -0.62	35.77 0.38 -0.49	34.66 0.47 -0.48	32.36 0.38 -0.02	28.70 0.28 -0.13	27.07 0.27 -0.08	25.37 0.23 -0.14
LOVETT___3 23632	27.89 1.28 0.00	26.69 1.34 0.00	23.70 1.15 0.00	23.76 1.07 0.00	23.23 1.17 0.00	25.33 1.14 0.00	28.65 1.21 0.00	30.55 1.81 0.00	30.57 1.82 -0.67	31.62 1.84 -2.27	30.67 1.84 0.00	31.13 1.79 0.00	33.86 1.89 -1.92	34.08 1.96 -0.56	38.02 1.89 -5.09	39.88 1.91 -6.14	47.24 2.30 -10.63	49.92 2.32 -11.95	45.93 2.23 -8.80	44.81 1.89 -9.22	36.26 1.76 -2.55	32.49 1.64 -2.55	29.83 1.60 -1.50	29.02 1.45 -2.56
LOVETT___4 23642	27.89 1.28 0.00	26.69 1.34 0.00	23.70 1.15 0.00	23.76 1.07 0.00	23.23 1.17 0.00	25.33 1.14 0.00	28.65 1.21 0.00	30.55 1.81 0.00	30.57 1.82 -0.67	31.62 1.84 -2.27	30.67 1.84 0.00	31.13 1.79 0.00	33.86 1.89 -1.92	34.08 1.96 -0.56	38.02 1.89 -5.09	39.88 1.91 -6.14	47.24 2.30 -10.63	49.92 2.32 -11.95	45.93 2.23 -8.80	44.81 1.89 -9.22	36.26 1.76 -2.55	32.49 1.64 -2.55	29.83 1.60 -1.50	29.02 1.45 -2.56
LOVETT___5 23593	27.89 1.28 0.00	26.69 1.34 0.00	23.70 1.15 0.00	23.76 1.07 0.00	23.23 1.17 0.00	25.33 1.14 0.00	28.65 1.21 0.00	30.55 1.81 0.00	30.57 1.82 -0.67	31.62 1.84 -2.27	30.67 1.84 0.00	31.13 1.79 0.00	33.86 1.89 -1.92	34.08 1.96 -0.56	38.02 1.89 -5.09	39.88 1.91 -6.14	47.24 2.30 -10.63	49.92 2.32 -11.95	45.93 2.23 -8.80	44.81 1.89 -9.22	36.26 1.76 -2.55	32.49 1.64 -2.55	29.83 1.60 -1.50	29.02 1.45 -2.56
LOWER RAQUET___HYD 24057	26.03 -0.59 0.00	24.74 -0.61 0.00	22.16 -0.38 0.00	22.33 -0.36 0.00	21.64 -0.42 0.00	23.66 -0.53 0.00	26.68 -0.77 0.00	27.82 -0.92 0.00	27.06 -1.01 0.00	26.46 -1.05 0.00	27.70 -1.12 0.00	28.31 -1.03 0.00	28.96 -1.08 0.00	30.49 -1.07 0.00	29.83 -1.21 0.00	30.63 -1.21 0.00	33.01 -1.30 0.00	34.37 -1.28 0.00	33.57 -1.33 0.00	32.59 -1.11 0.00	30.96 -0.99 0.00	27.28 -1.02 0.00	25.74 -0.99 0.00	24.41 -0.60 0.00
LOWER___HUDSON 24059	27.81 1.20 0.00	26.49 1.14 0.00	23.59 1.04 0.00	23.67 0.98 0.00	23.08 1.02 0.00	25.28 1.09 0.00	28.71 1.26 0.00	30.21 1.46 0.00	30.48 1.49 -0.93	31.82 1.40 -2.91	30.32 1.50 0.00	30.81 1.47 0.00	33.36 1.59 -1.73	33.97 1.64 -0.76	38.02 1.64 -5.34	39.75 1.69 -6.23	46.91 1.82 -10.78	49.91 1.96 -12.30	47.59 1.95 -10.73	47.11 1.85 -11.56	40.56 1.76 -6.85	32.54 1.50 -2.74	29.79 1.36 -1.70	29.75 1.32 -3.42
LOWVILLE_115KV_TB2 356335	26.82 0.21 0.00	25.53 0.18 0.00	22.73 0.18 0.00	22.90 0.20 0.00	22.22 0.15 0.00	24.44 0.24 0.00	27.94 0.49 0.00	29.11 0.37 0.00	28.34 0.25 -0.02	27.67 0.11 -0.05	28.94 0.12 0.00	29.66 0.32 0.00	30.35 0.27 -0.04	31.90 0.32 -0.01	31.49 0.34 -0.11	32.34 0.38 -0.13	35.01 0.48 -0.22	36.54 0.64 -0.25	35.79 0.70 -0.19	34.73 0.84 -0.19	32.54 0.58 -0.01	28.66 0.31 -0.05	26.92 0.16 -0.03	25.29 0.23 -0.05
LUTHERFT_115KV_GLOB_FND_222 355753	28.07 1.46 0.00	26.77 1.42 0.00	23.81 1.26 0.00	23.90 1.20 0.00	23.32 1.26 0.00	25.57 1.38 0.00	29.01 1.56 0.00	30.52 1.78 0.00	30.85 1.85 -0.93	32.20 1.73 -2.96	30.70 1.87 0.00	31.19 1.85 0.00	33.91 2.01 -1.86	34.45 2.11 -0.77	38.74 2.11 -5.59	40.55 2.16 -6.55	47.92 2.26 -11.35	51.02 2.46 -12.91	48.37 2.48 -10.99	47.92 2.43 -11.79	41.68 2.36 -7.36	33.13 1.98 -2.86	30.28 1.79 -1.76	30.22 1.75 -3.46
LUTHERNY_35_KV_BK2 355980	28.10 1.49 0.00	26.80 1.45 0.00	23.81 1.26 0.00	23.92 1.23 0.00	23.32 1.26 0.00	25.57 1.38 0.00	29.04 1.59 0.00	30.55 1.81 0.00	30.85 1.85 -0.93	32.20 1.73 -2.96	30.70 1.87 0.00	31.22 1.88 0.00	33.94 2.04 -1.86	34.45 2.11 -0.77	38.77 2.14 -5.59	40.55 2.16 -6.55	47.95 2.30 -11.35	51.06 2.50 -12.91	48.41 2.51 -10.99	47.95 2.46 -11.79	41.71 2.40 -7.36	33.16 2.01 -2.86	30.31 1.82 -1.76	30.25 1.78 -3.46
LWR___OSWEGATCHIE_HYD 23850	26.32 -0.29 0.00	25.05 -0.30 0.00	22.37 -0.18 0.00	22.51 -0.18 0.00	21.87 -0.20 0.00	23.95 -0.24 0.00	27.23 -0.22 0.00	28.37 -0.37 0.00	27.59 -0.48 0.00	26.93 -0.58 0.00	28.22 -0.61 0.00	28.90 -0.44 0.00	29.53 -0.51 0.00	31.06 -0.51 0.00	30.48 -0.56 0.00	31.33 -0.51 0.00	33.79 -0.51 0.00	35.19 -0.46 0.00	34.48 -0.42 0.00	33.46 -0.24 0.00	31.60 -0.35 0.00	27.84 -0.45 0.00	26.25 -0.48 0.00	24.73 -0.28 0.00
LYONS_FALL_HYD 23570	26.93 0.32 0.00	25.66 0.31 0.00	22.82 0.27 0.00	22.99 0.29 0.00	22.33 0.27 0.00	24.56 0.36 0.00	28.00 0.55 0.00	29.23 0.49 0.00	28.50 0.42 -0.01	27.86 0.30 -0.05	29.14 0.32 0.00	29.84 0.50 0.00	30.53 0.45 -0.03	32.08 0.50 -0.01	31.66 0.53 -0.10	32.49 0.54 -0.11	35.16 0.65 -0.20	36.63 0.75 -0.22	35.88 0.80 -0.18	34.79 0.91 -0.17	32.63 0.67 -0.01	28.77 0.43 -0.05	27.05 0.29 -0.03	25.38 0.32 -0.05
MADISON___COUNTY_LFGE 323628	27.28 0.67 0.00	25.96 0.61 0.00	23.07 0.52 0.00	23.26 0.57 0.00	22.57 0.51 0.00	24.82 0.63 0.00	28.30 0.85 0.00	29.52 0.78 0.00	28.79 0.70 -0.02	28.21 0.63 -0.07	29.49 0.66 0.00	30.16 0.82 0.00	30.90 0.81 -0.05	32.44 0.85 -0.02	32.08 0.90 -0.15	32.90 0.89 -0.17	35.60 0.99 -0.30	37.03 1.03 -0.34	36.28 1.12 -0.27	35.11 1.15 -0.26	32.89 0.93 -0.01	29.04 0.68 -0.07	27.30 0.53 -0.04	25.63 0.55 -0.08
MALONE___115KV_TB1 356076	26.77 0.16 0.00	25.38 0.03 0.00	22.84 0.29 0.00	22.99 0.30 0.00	22.28 0.22 0.00	24.46 0.27 0.00	27.67 0.22 0.00	28.94 0.20 0.00	28.24 0.17 0.00	27.70 0.19 0.00	29.03 0.20 0.00	29.60 0.26 0.00	30.25 0.21 0.00	31.88 0.32 0.00	31.07 0.03 0.00	31.90 0.06 0.00	34.34 0.03 0.00	35.48 -0.18 0.00	34.62 -0.28 0.00	33.60 -0.10 0.00	31.95 0.00 0.00	28.44 0.14 0.00	26.78 0.05 0.00	25.16 0.15 0.00

MAPLEWOD_115KV_TB3 80458	27.49 0.88 0.00	26.24 0.89 0.00	23.31 0.77 0.00	23.40 0.70 0.00	22.84 0.77 0.00	24.99 0.80 0.00	28.35 0.91 0.00	29.95 1.21 0.00	30.22 1.23 -0.92	31.61 1.18 -2.92	30.07 1.24 0.00	30.54 1.20 0.00	33.27 1.38 -1.85	33.78 1.45 -0.76	38.04 1.46 -5.54	39.84 1.50 -6.50	47.19 1.61 -11.26	50.18 1.71 -12.81	47.47 1.71 -10.85	46.95 1.62 -11.63	39.23 1.57 -5.71	32.43 1.30 -2.83	29.65 1.18 -1.74	29.52 1.10 -3.41
MAPLE_RIDGE_WT_1 323574	26.69 0.08 0.00	25.43 0.08 0.00	22.57 0.02 0.00	22.70 0.00 0.00	22.04 -0.02 0.00	24.15 -0.05 0.00	27.37 -0.08 0.00	28.63 -0.11 0.00	27.98 -0.08 0.00	27.45 -0.05 0.00	28.80 -0.03 0.00	29.31 -0.03 0.00	29.95 -0.09 0.00	31.44 -0.13 0.00	30.92 -0.12 0.00	31.74 -0.10 0.00	34.21 -0.10 0.00	35.58 -0.07 0.00	34.83 -0.07 0.00	33.57 -0.13 0.00	31.73 -0.22 0.00	28.01 -0.28 0.00	26.38 -0.35 0.00	24.66 -0.35 0.00
MAPLE_RIDGE_WT_2 323611	26.69 0.08 0.00	25.43 0.08 0.00	22.57 0.02 0.00	22.70 0.00 0.00	22.04 -0.02 0.00	24.15 -0.05 0.00	27.37 -0.08 0.00	28.63 -0.11 0.00	27.98 -0.08 0.00	27.45 -0.05 0.00	28.80 -0.03 0.00	29.31 -0.03 0.00	29.95 -0.09 0.00	31.44 -0.13 0.00	30.92 -0.12 0.00	31.74 -0.10 0.00	34.21 -0.10 0.00	35.58 -0.07 0.00	34.83 -0.07 0.00	33.57 -0.13 0.00	31.73 -0.22 0.00	28.01 -0.28 0.00	26.38 -0.35 0.00	24.66 -0.35 0.00
MARBLE_RIVER_WT_PWR 323696	26.72 0.11 0.00	25.35 0.00 0.00	22.77 0.23 0.00	22.95 0.25 0.00	22.24 0.18 0.00	24.44 0.24 0.00	27.67 0.22 0.00	28.97 0.23 0.00	28.27 0.20 0.00	27.73 0.22 0.00	29.06 0.23 0.00	29.63 0.29 0.00	30.31 0.27 0.00	31.91 0.35 0.00	31.16 0.12 0.00	32.00 0.16 0.00	34.45 0.14 0.00	35.69 0.04 0.00	34.62 -0.28 0.00	33.63 -0.07 0.00	32.34 0.38 0.00	28.52 0.23 0.00	26.84 0.11 0.00	25.18 0.18 0.00
MARSHVLE_115KV_TB1 80742	28.45 1.84 0.00	27.10 1.75 0.00	24.08 1.53 0.00	24.24 1.54 0.00	23.65 1.59 0.00	25.98 1.79 0.00	29.62 2.17 0.00	31.10 2.36 0.00	31.39 2.39 -0.94	32.57 2.06 -3.00	31.05 2.22 0.00	31.51 2.17 0.00	34.50 2.49 -1.96	34.93 2.59 -0.78	39.59 2.76 -5.79	41.65 2.99 -6.82	49.31 3.19 -11.81	52.67 3.60 -13.42	49.77 3.66 -11.21	49.35 3.67 -11.98	43.18 3.55 -7.68	34.05 2.80 -2.95	30.92 2.38 -1.81	30.68 2.18 -3.50
MARSH_HILL_WT_PWR 323713	27.54 0.93 0.00	26.19 0.84 0.00	23.04 0.50 0.00	23.40 0.70 0.00	22.57 0.51 0.00	25.02 0.82 0.00	28.43 0.99 0.00	29.35 0.60 0.00	28.68 0.53 -0.08	28.25 0.47 -0.27	29.57 0.75 0.00	30.13 0.79 0.00	30.79 0.54 -0.20	32.08 0.44 -0.07	32.23 0.62 -0.57	33.15 0.64 -0.68	36.03 0.55 -1.17	37.51 0.54 -1.32	36.56 0.63 -1.03	35.33 0.61 -1.02	32.91 0.70 -0.25	29.33 0.76 -0.27	27.66 0.78 -0.16	25.97 0.68 -0.29
MCINTYRE_115KV_TB2 80467	26.29 -0.32 0.00	25.00 -0.35 0.00	22.41 -0.14 0.00	22.56 -0.14 0.00	21.89 -0.18 0.00	24.02 -0.17 0.00	27.20 -0.25 0.00	28.40 -0.34 0.00	27.65 -0.42 0.00	27.04 -0.47 0.00	28.28 -0.55 0.00	28.99 -0.35 0.00	29.65 -0.39 0.00	31.22 -0.35 0.00	30.54 -0.50 0.00	31.36 -0.48 0.00	33.83 -0.48 0.00	35.19 -0.46 0.00	34.45 -0.45 0.00	33.43 -0.27 0.00	31.63 -0.32 0.00	27.90 -0.40 0.00	26.27 -0.45 0.00	24.78 -0.23 0.00
MECO____69_KV_BK1 80468	29.03 2.42 0.00	27.56 2.21 0.00	24.42 1.87 0.00	24.60 1.91 0.00	24.03 1.96 0.00	26.42 2.23 0.00	29.97 2.53 0.00	31.47 2.73 0.00	31.76 2.75 -0.94	32.82 2.31 -3.00	31.25 2.42 0.00	31.69 2.35 0.00	34.65 2.64 -1.96	35.09 2.75 -0.78	39.81 2.98 -5.79	41.94 3.28 -6.82	49.69 3.57 -11.81	53.14 4.06 -13.42	50.26 4.15 -11.21	49.86 4.18 -11.98	43.66 4.03 -7.68	34.39 3.14 -2.95	31.34 2.81 -1.81	31.08 2.58 -3.50
MENANDS__115KV_TB5 355628	27.33 0.72 0.00	26.09 0.74 0.00	23.20 0.65 0.00	23.29 0.59 0.00	22.70 0.64 0.00	24.87 0.68 0.00	28.19 0.74 0.00	29.80 1.06 0.00	30.05 1.07 -0.92	31.44 1.02 -2.91	29.89 1.07 0.00	30.37 1.03 0.00	33.09 1.20 -1.85	33.59 1.26 -0.76	37.85 1.27 -5.54	39.64 1.31 -6.50	46.94 1.37 -11.26	49.92 1.46 -12.80	47.18 1.43 -10.85	46.67 1.35 -11.62	38.85 1.31 -5.59	32.23 1.10 -2.83	29.49 1.02 -1.74	29.37 0.95 -3.41
MG INDUSTRY__DRP 24185	27.52 0.90 0.00	26.26 0.91 0.00	23.36 0.81 0.00	23.44 0.75 0.00	22.86 0.79 0.00	25.02 0.82 0.00	28.35 0.91 0.00	29.92 1.18 0.00	30.15 1.18 -0.90	31.53 1.13 -2.90	30.01 1.18 0.00	30.51 1.17 0.00	33.32 1.32 -1.96	33.70 1.39 -0.75	38.17 1.43 -5.70	40.03 1.46 -6.73	47.48 1.51 -11.66	50.52 1.64 -13.22	47.38 1.61 -10.87	46.89 1.58 -11.60	38.04 1.53 -4.55	32.50 1.30 -2.90	29.70 1.20 -1.77	29.52 1.15 -3.37
MID__OSWEGATCHIE_HYD 23849	26.32 -0.29 0.00	25.05 -0.30 0.00	22.37 -0.18 0.00	22.51 -0.18 0.00	21.87 -0.20 0.00	23.95 -0.24 0.00	27.23 -0.22 0.00	28.37 -0.37 0.00	27.59 -0.48 0.00	26.93 -0.58 0.00	28.22 -0.61 0.00	28.90 -0.44 0.00	29.53 -0.51 0.00	31.06 -0.51 0.00	30.48 -0.56 0.00	31.33 -0.51 0.00	33.79 -0.51 0.00	35.19 -0.46 0.00	34.48 -0.42 0.00	33.46 -0.24 0.00	31.60 -0.35 0.00	27.84 -0.45 0.00	26.25 -0.48 0.00	24.73 -0.28 0.00
MID__RAQUETTE_HYD 23851	26.03 -0.59 0.00	24.74 -0.61 0.00	22.16 -0.38 0.00	22.31 -0.39 0.00	21.64 -0.42 0.00	23.66 -0.53 0.00	26.68 -0.77 0.00	27.82 -0.92 0.00	27.06 -1.01 0.00	26.46 -1.05 0.00	27.70 -1.12 0.00	28.31 -1.03 0.00	28.96 -1.08 0.00	30.49 -1.07 0.00	29.83 -1.21 0.00	30.63 -1.21 0.00	33.01 -1.30 0.00	34.30 -1.35 0.00	33.54 -1.36 0.00	32.55 -1.15 0.00	30.87 -1.09 0.00	27.28 -1.02 0.00	25.74 -0.99 0.00	24.41 -0.60 0.00
MILLIKEN__1 23584	27.30 0.69 0.00	25.96 0.61 0.00	22.98 0.43 0.00	23.26 0.57 0.00	22.53 0.46 0.00	24.80 0.60 0.00	28.27 0.82 0.00	29.40 0.66 0.00	28.72 0.56 -0.09	28.29 0.50 -0.28	29.43 0.61 0.00	30.01 0.67 0.00	30.79 0.54 -0.21	32.21 0.57 -0.07	32.28 0.65 -0.59	33.24 0.70 -0.70	36.32 0.79 -1.22	37.89 0.86 -1.38	36.89 0.91 -1.08	35.68 0.94 -1.03	33.14 0.93 -0.25	29.30 0.74 -0.27	27.53 0.64 -0.16	25.88 0.58 -0.29
MILLIKEN__2 23585	27.30 0.69 0.00	25.96 0.61 0.00	22.98 0.43 0.00	23.26 0.57 0.00	22.53 0.46 0.00	24.80 0.60 0.00	28.27 0.82 0.00	29.40 0.66 0.00	28.72 0.56 -0.09	28.29 0.50 -0.28	29.43 0.61 0.00	30.01 0.67 0.00	30.79 0.54 -0.21	32.21 0.57 -0.07	32.28 0.65 -0.59	33.24 0.70 -0.70	36.32 0.79 -1.22	37.89 0.86 -1.38	36.89 0.91 -1.08	35.68 0.94 -1.03	33.14 0.93 -0.25	29.30 0.74 -0.27	27.53 0.64 -0.16	25.88 0.58 -0.29
MILLIKEN__DIESEL 23629	27.30 0.69 0.00	25.96 0.61 0.00	22.98 0.43 0.00	23.26 0.57 0.00	22.53 0.46 0.00	24.80 0.60 0.00	28.27 0.82 0.00	29.40 0.66 0.00	28.72 0.56 -0.09	28.29 0.50 -0.28	29.43 0.61 0.00	30.01 0.67 0.00	30.79 0.54 -0.21	32.21 0.57 -0.07	32.28 0.65 -0.59	33.24 0.70 -0.70	36.32 0.79 -1.22	37.89 0.86 -1.38	36.89 0.91 -1.08	35.68 0.94 -1.03	33.14 0.93 -0.25	29.30 0.74 -0.27	27.53 0.64 -0.16	25.88 0.58 -0.29

MILLSEAT___LFGE 323607	27.14 0.53 0.00	25.78 0.43 0.00	22.71 0.16 0.00	23.10 0.41 0.00	22.22 0.16 0.00	24.61 0.41 0.00	27.91 0.47 0.00	28.60 -0.14 0.00	28.18 0.06 -0.06	27.68 -0.03 -0.20	28.91 0.09 0.00	29.46 0.12 0.00	30.01 -0.18 -0.15	31.33 -0.28 -0.05	31.26 -0.19 -0.41	32.14 -0.19 -0.49	34.68 -0.48 -0.85	36.15 -0.46 -0.96	35.23 -0.42 -0.75	34.07 -0.37 -0.74	31.95 -0.03 -0.03	28.74 0.25 -0.19	27.27 0.43 -0.12	25.67 0.45 -0.21
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	28.00 1.38 0.00	26.80 1.45 0.00	23.81 1.26 0.00	23.85 1.16 0.00	23.32 1.26 0.00	25.43 1.23 0.00	28.76 1.32 0.00	30.67 1.93 0.00	30.74 1.96 -0.71	31.87 1.98 -2.38	30.84 2.02 0.00	31.28 1.94 0.00	34.14 2.07 -2.03	34.30 2.15 -0.58	38.51 2.11 -5.36	40.46 2.16 -6.46	48.08 2.57 -11.19	50.84 2.60 -12.58	46.66 2.51 -9.24	45.54 2.16 -9.68	36.61 1.98 -2.67	32.73 1.75 -2.68	30.04 1.74 -1.58	29.27 1.58 -2.69
MILLWOOD_13_KV_LOAD 356217	28.10 1.49 0.00	26.87 1.52 0.00	23.88 1.33 0.00	23.92 1.23 0.00	23.37 1.30 0.00	25.50 1.31 0.00	28.85 1.40 0.00	30.75 2.01 0.00	30.85 2.08 -0.71	32.01 2.12 -2.38	30.96 2.13 0.00	31.39 2.05 0.00	34.32 2.25 -2.03	34.52 2.37 -0.58	38.72 2.33 -5.36	40.68 2.39 -6.46	48.35 2.85 -11.19	51.12 2.89 -12.58	46.94 2.79 -9.24	45.78 2.39 -9.68	36.80 2.17 -2.67	32.87 1.90 -2.68	30.13 1.82 -1.58	29.35 1.65 -2.69
MODEL_CITY_ENERGY 24167	26.58 -0.03 0.00	25.28 -0.08 0.00	22.23 -0.32 0.00	22.58 -0.11 0.00	21.73 -0.33 0.00	24.07 -0.12 0.00	27.20 -0.25 0.00	27.73 -1.01 0.00	27.37 -0.76 -0.06	26.91 -0.80 -0.20	28.11 -0.72 0.00	28.63 -0.70 0.00	29.20 -0.99 -0.15	30.42 -1.20 -0.05	30.44 -1.02 -0.43	31.23 -1.12 -0.51	33.72 -1.47 -0.88	35.05 -1.60 -1.00	34.18 -1.50 -0.78	33.03 -1.45 -0.77	30.87 -1.12 -0.03	27.90 -0.60 -0.20	26.53 -0.32 -0.12	25.05 -0.17 -0.22
MODERN_LFGE___ 323580	26.58 -0.03 0.00	25.28 -0.08 0.00	22.23 -0.32 0.00	22.58 -0.11 0.00	21.73 -0.33 0.00	24.07 -0.12 0.00	27.20 -0.25 0.00	27.73 -1.01 0.00	27.37 -0.76 -0.06	26.91 -0.80 -0.20	28.11 -0.72 0.00	28.63 -0.70 0.00	29.20 -0.99 -0.15	30.42 -1.20 -0.05	30.44 -1.02 -0.43	31.23 -1.12 -0.51	33.72 -1.47 -0.88	35.05 -1.60 -1.00	34.18 -1.50 -0.78	33.03 -1.45 -0.77	30.87 -1.12 -0.03	27.90 -0.60 -0.20	26.53 -0.32 -0.12	25.05 -0.17 -0.22
MOHAWK_PAPER___DRP 24187	27.49 0.88 0.00	26.24 0.89 0.00	23.31 0.77 0.00	23.40 0.70 0.00	22.84 0.77 0.00	24.99 0.80 0.00	28.35 0.91 0.00	29.95 1.21 0.00	30.22 1.23 -0.92	31.61 1.18 -2.92	30.07 1.24 0.00	30.54 1.20 0.00	33.27 1.38 -1.85	33.78 1.45 -0.76	38.04 1.46 -5.54	39.84 1.50 -6.50	47.19 1.61 -11.26	50.18 1.71 -12.81	47.47 1.71 -10.85	46.95 1.62 -11.63	39.23 1.57 -5.71	32.43 1.30 -2.83	29.65 1.18 -1.74	29.52 1.10 -3.41
MOHICAN___35_KV_115KV_LD 80490	28.21 1.60 0.00	26.87 1.52 0.00	23.90 1.35 0.00	23.99 1.29 0.00	23.41 1.35 0.00	25.72 1.52 0.00	29.20 1.76 0.00	30.69 1.95 0.00	31.05 2.05 -0.93	32.37 1.90 -2.96	30.90 2.08 0.00	31.42 2.08 0.00	34.10 2.19 -1.86	34.61 2.27 -0.77	38.91 2.27 -5.60	40.67 2.26 -6.57	48.02 2.33 -11.38	51.20 2.60 -12.94	48.56 2.65 -11.01	48.14 2.63 -11.81	41.90 2.56 -7.39	33.34 2.18 -2.86	30.39 1.90 -1.77	30.42 1.95 -3.47
MONGAUP___HYD 23641	27.91 1.30 0.00	26.64 1.29 0.00	23.67 1.13 0.00	23.76 1.07 0.00	23.17 1.10 0.00	25.31 1.11 0.00	28.71 1.26 0.00	30.38 1.64 0.00	30.11 1.43 -0.61	30.96 1.40 -2.05	30.24 1.41 0.00	30.72 1.38 0.00	33.27 1.50 -1.73	33.65 1.58 -0.50	37.21 1.58 -4.59	39.05 1.69 -5.53	45.88 1.99 -9.58	48.31 1.89 -10.77	44.87 2.02 -7.94	43.79 1.75 -8.34	35.92 1.66 -2.30	32.01 1.41 -2.30	29.53 1.44 -1.36	28.63 1.30 -2.32
MONTAUK___DIESEL 23721	33.41 4.28 -2.51	31.72 4.18 -2.19	26.23 3.68 -0.01	26.05 3.36 0.00	25.55 3.49 0.00	28.03 3.82 -0.02	31.54 4.09 0.00	33.77 5.03 0.00	35.12 5.00 -2.05	37.19 5.03 -4.65	36.06 5.19 -2.04	40.28 5.19 -5.75	43.04 5.32 -7.68	56.69 5.68 -19.44	50.22 5.71 -13.47	79.11 5.83 -41.44	133.85 6.55 -92.98	133.99 6.49 -91.85	137.81 6.60 -96.31	75.05 5.73 -35.62	48.11 5.62 -10.54	42.99 4.81 -9.88	38.92 4.60 -7.60	38.48 4.23 -9.24
MOONROAD_115KV_HARTFLD_TB1-2 355988	27.52 0.90 0.00	25.88 0.53 0.00	22.84 0.29 0.00	23.15 0.45 0.00	22.15 0.09 0.00	24.61 0.41 0.00	28.08 0.63 0.00	28.80 0.06 0.00	28.17 0.03 -0.07	27.71 -0.03 -0.23	29.17 0.35 0.00	29.81 0.47 0.00	30.27 0.06 -0.17	31.59 -0.03 -0.06	31.55 0.03 -0.48	32.32 -0.10 -0.58	35.00 -0.31 -1.00	36.50 -0.29 -1.13	35.50 -0.28 -0.88	34.27 -0.30 -0.88	32.45 0.29 -0.21	28.92 0.40 -0.23	27.40 0.53 -0.14	25.73 0.48 -0.25
MORTIMER_115KV_TB3 55949	27.17 0.56 0.00	25.71 0.35 0.00	22.82 0.27 0.00	23.15 0.45 0.00	22.24 0.18 0.00	24.61 0.41 0.00	28.05 0.60 0.00	28.86 0.11 0.00	28.43 0.31 -0.05	27.93 0.25 -0.17	29.09 0.26 0.00	29.66 0.32 0.00	30.29 0.12 -0.13	31.71 0.09 -0.04	31.59 0.19 -0.36	32.43 0.16 -0.43	35.02 -0.03 -0.75	36.57 0.07 -0.84	35.66 0.10 -0.66	34.46 0.10 -0.65	32.30 0.32 -0.03	28.92 0.45 -0.17	27.34 0.51 -0.10	25.69 0.50 -0.19
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	28.15 1.54 0.00	26.97 1.62 0.00	23.97 1.42 0.00	24.03 1.34 0.00	23.50 1.43 0.00	25.57 1.38 0.00	28.85 1.40 0.00	30.90 2.16 0.00	31.00 2.22 -0.72	32.17 2.26 -2.41	31.07 2.25 0.00	31.51 2.17 0.00	34.37 2.28 -2.05	34.52 2.37 -0.59	38.72 2.27 -5.41	40.66 2.29 -6.53	48.36 2.74 -11.31	51.11 2.75 -12.71	46.89 2.65 -9.34	45.74 2.26 -9.78	36.73 2.08 -2.70	32.93 1.92 -2.71	30.22 1.90 -1.60	29.50 1.78 -2.72
MUNSVILLE_WIND_PWR 323609	28.66 2.05 0.00	27.28 1.93 0.00	24.13 1.58 0.00	24.40 1.70 0.00	23.65 1.59 0.00	26.18 1.98 0.00	30.06 2.61 0.00	31.16 2.41 0.00	30.47 2.25 -0.16	30.00 1.98 -0.51	30.90 2.08 0.00	31.83 2.49 0.00	32.74 2.31 -0.38	34.13 2.43 -0.13	34.68 2.57 -1.07	35.88 2.77 -1.27	39.63 3.12 -2.20	41.42 3.28 -2.49	40.30 3.46 -1.95	38.92 3.64 -1.57	35.46 3.10 -0.41	31.14 2.43 -0.41	28.98 2.01 -0.25	27.26 1.80 -0.45
N SALMON___HYD 24042	26.77 0.16 0.00	25.38 0.03 0.00	22.84 0.29 0.00	23.01 0.32 0.00	22.28 0.22 0.00	24.46 0.27 0.00	27.67 0.22 0.00	28.94 0.20 0.00	28.24 0.17 0.00	27.70 0.19 0.00	29.03 0.20 0.00	29.60 0.26 0.00	30.25 0.21 0.00	31.88 0.32 0.00	31.07 0.03 0.00	31.90 0.06 0.00	34.38 0.07 0.00	35.69 0.04 0.00	34.69 -0.21 0.00	33.67 -0.03 0.00	32.27 0.32 0.00	28.44 0.14 0.00	26.78 0.05 0.00	25.16 0.15 0.00
N.AKRON___115KV_KNAPP 355671	27.22 0.61 0.00	25.68 0.33 0.00	22.77 0.23 0.00	23.15 0.45 0.00	22.13 0.07 0.00	24.53 0.34 0.00	27.97 0.52 0.00	28.60 -0.14 0.00	28.16 0.03 -0.06	27.65 -0.06 -0.20	28.88 0.06 0.00	29.43 0.09 0.00	29.98 -0.21 -0.15	31.30 -0.32 -0.05	31.27 -0.19 -0.41	32.04 -0.29 -0.49	34.58 -0.58 -0.85	36.12 -0.50 -0.96	35.17 -0.49 -0.75	34.01 -0.44 -0.75	31.99 0.00 -0.03	28.72 0.23 -0.20	27.25 0.40 -0.12	25.64 0.43 -0.21

N.BELMOR_69_KV_BK1 55787	31.29 2.18 -2.50	29.71 2.18 -2.18	24.49 1.94 0.00	24.40 1.70 0.00	23.92 1.85 0.00	26.17 1.96 -0.02	29.48 2.03 0.00	31.50 2.76 0.00	32.93 2.81 -2.05	34.93 2.78 -4.65	33.64 2.77 -2.04	35.12 2.70 -3.09	39.01 2.82 -6.14	38.70 2.97 -4.16	39.31 2.86 -5.41	41.75 2.93 -6.99	49.02 3.40 -11.31	51.65 3.28 -12.72	48.02 3.39 -9.73	46.28 2.80 -9.79	39.13 2.81 -4.36	34.50 2.49 -3.71	33.97 2.51 -4.73	33.36 2.30 -6.06
N.E_GEN_SANDY PD 24062	27.68 1.07 0.00	26.42 1.06 0.00	23.52 0.97 0.00	23.58 0.88 0.00	23.01 0.95 0.00	25.16 0.97 0.00	28.52 1.07 0.00	30.12 1.38 0.00	30.28 1.37 -0.84	31.00 1.35 -2.15	30.21 1.38 0.00	30.66 1.32 0.00	30.90 1.41 0.55	33.74 1.48 -0.69	33.50 1.46 -1.00	33.84 1.47 -0.54	36.90 1.68 -0.91	38.99 1.75 -1.59	43.20 1.71 -6.59	43.20 1.52 -7.98	37.17 1.44 -3.78	30.28 1.24 -0.74	28.65 1.20 -0.72	29.00 1.10 -2.89
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	27.94 1.33 0.00	26.72 1.37 0.00	23.74 1.20 0.00	23.79 1.09 0.00	23.26 1.19 0.00	25.36 1.16 0.00	28.71 1.26 0.00	30.58 1.84 0.00	30.59 1.85 -0.67	31.64 1.87 -2.26	30.70 1.87 0.00	31.16 1.82 0.00	33.88 1.92 -1.92	34.11 1.99 -0.55	38.03 1.92 -5.07	39.92 1.97 -6.11	47.27 2.37 -10.59	49.95 2.39 -11.91	45.97 2.30 -8.77	44.85 1.95 -9.19	36.31 1.82 -2.54	32.50 1.67 -2.54	29.88 1.66 -1.50	29.06 1.50 -2.56
N.QUEENS_27_KV_LOAD 356247	28.21 1.60 0.00	26.95 1.60 0.00	23.88 1.33 0.00	23.92 1.23 0.00	23.41 1.35 0.00	25.36 1.16 0.00	28.65 1.21 0.00	30.81 2.07 0.00	30.89 2.11 -0.72	32.09 2.17 -2.41	30.99 2.16 0.00	31.45 2.11 0.00	34.34 2.25 -2.05	34.49 2.34 -0.59	38.65 2.20 -5.41	40.56 2.20 -6.53	48.19 2.57 -11.31	50.89 2.53 -12.71	46.75 2.51 -9.34	45.57 2.09 -9.78	36.57 1.92 -2.70	32.79 1.78 -2.71	30.11 1.79 -1.60	29.50 1.78 -2.72
N.TROY___115KV_TB1 355778	27.73 1.12 0.00	26.47 1.12 0.00	23.52 0.97 0.00	23.60 0.91 0.00	23.03 0.97 0.00	25.23 1.04 0.00	28.60 1.15 0.00	30.18 1.44 0.00	30.48 1.49 -0.93	31.82 1.40 -2.91	30.33 1.50 0.00	30.81 1.47 0.00	33.36 1.59 -1.73	33.97 1.64 -0.76	38.02 1.65 -5.34	39.75 1.69 -6.23	46.91 1.82 -10.78	49.91 1.96 -12.30	47.55 1.92 -10.73	47.11 1.85 -11.56	40.60 1.79 -6.85	32.54 1.50 -2.74	29.80 1.36 -1.70	29.75 1.33 -3.42
NARROWS_GT1_1 24228	28.47 1.86 0.00	27.12 1.77 0.00	24.19 1.65 0.00	24.19 1.50 0.00	23.63 1.57 0.00	25.57 1.38 0.00	28.90 1.45 0.00	30.95 2.21 0.00	31.06 2.27 -0.72	32.28 2.37 -2.41	31.19 2.36 0.00	31.66 2.32 0.00	34.58 2.49 -2.05	34.71 2.56 -0.59	38.90 2.45 -5.41	40.85 2.48 -6.53	48.43 2.81 -11.31	51.10 2.75 -12.71	46.97 2.72 -9.34	45.74 2.26 -9.78	36.86 2.20 -2.70	33.01 2.01 -2.71	30.27 1.95 -1.60	29.55 1.82 -2.72
NARROWS_GT1_2 24229	28.47 1.86 0.00	27.12 1.77 0.00	24.19 1.65 0.00	24.19 1.50 0.00	23.63 1.57 0.00	25.57 1.38 0.00	28.90 1.45 0.00	30.95 2.21 0.00	31.06 2.27 -0.72	32.28 2.37 -2.41	31.19 2.36 0.00	31.66 2.32 0.00	34.58 2.49 -2.05	34.71 2.56 -0.59	38.90 2.45 -5.41	40.85 2.48 -6.53	48.43 2.81 -11.31	51.10 2.75 -12.71	46.97 2.72 -9.34	45.74 2.26 -9.78	36.86 2.20 -2.70	33.01 2.01 -2.71	30.27 1.95 -1.60	29.55 1.82 -2.72
NARROWS_GT1_3 24230	28.47 1.86 0.00	27.12 1.77 0.00	24.19 1.65 0.00	24.19 1.50 0.00	23.63 1.57 0.00	25.57 1.38 0.00	28.90 1.45 0.00	30.95 2.21 0.00	31.06 2.27 -0.72	32.28 2.37 -2.41	31.19 2.36 0.00	31.66 2.32 0.00	34.58 2.49 -2.05	34.71 2.56 -0.59	38.90 2.45 -5.41	40.85 2.48 -6.53	48.43 2.81 -11.31	51.10 2.75 -12.71	46.97 2.72 -9.34	45.74 2.26 -9.78	36.86 2.20 -2.70	33.01 2.01 -2.71	30.27 1.95 -1.60	29.55 1.82 -2.72
NARROWS_GT1_4 24231	28.47 1.86 0.00	27.12 1.77 0.00	24.19 1.65 0.00	24.19 1.50 0.00	23.63 1.57 0.00	25.57 1.38 0.00	28.90 1.45 0.00	30.95 2.21 0.00	31.06 2.27 -0.72	32.28 2.37 -2.41	31.19 2.36 0.00	31.66 2.32 0.00	34.58 2.49 -2.05	34.71 2.56 -0.59	38.90 2.45 -5.41	40.85 2.48 -6.53	48.43 2.81 -11.31	51.10 2.75 -12.71	46.97 2.72 -9.34	45.74 2.26 -9.78	36.86 2.20 -2.70	33.01 2.01 -2.71	30.27 1.95 -1.60	29.55 1.82 -2.72
NARROWS_GT1_5 24232	28.47 1.86 0.00	27.12 1.77 0.00	24.19 1.65 0.00	24.19 1.50 0.00	23.63 1.57 0.00	25.57 1.38 0.00	28.90 1.45 0.00	30.95 2.21 0.00	31.06 2.27 -0.72	32.28 2.37 -2.41	31.19 2.36 0.00	31.66 2.32 0.00	34.58 2.49 -2.05	34.71 2.56 -0.59	38.90 2.45 -5.41	40.85 2.48 -6.53	48.43 2.81 -11.31	51.10 2.75 -12.71	46.97 2.72 -9.34	45.74 2.26 -9.78	36.86 2.20 -2.70	33.01 2.01 -2.71	30.27 1.95 -1.60	29.55 1.82 -2.72
NARROWS_GT1_6 24233	28.47 1.86 0.00	27.12 1.77 0.00	24.19 1.65 0.00	24.19 1.50 0.00	23.63 1.57 0.00	25.57 1.38 0.00	28.90 1.45 0.00	30.95 2.21 0.00	31.06 2.27 -0.72	32.28 2.37 -2.41	31.19 2.36 0.00	31.66 2.32 0.00	34.58 2.49 -2.05	34.71 2.56 -0.59	38.90 2.45 -5.41	40.85 2.48 -6.53	48.43 2.81 -11.31	51.10 2.75 -12.71	46.97 2.72 -9.34	45.74 2.26 -9.78	36.86 2.20 -2.70	33.01 2.01 -2.71	30.27 1.95 -1.60	29.55 1.82 -2.72
NARROWS_GT1_7 24234	28.47 1.86 0.00	27.12 1.77 0.00	24.19 1.65 0.00	24.19 1.50 0.00	23.63 1.57 0.00	25.57 1.38 0.00	28.90 1.45 0.00	30.95 2.21 0.00	31.06 2.27 -0.72	32.28 2.37 -2.41	31.19 2.36 0.00	31.66 2.32 0.00	34.58 2.49 -2.05	34.71 2.56 -0.59	38.90 2.45 -5.41	40.85 2.48 -6.53	48.43 2.81 -11.31	51.10 2.75 -12.71	46.97 2.72 -9.34	45.74 2.26 -9.78	36.86 2.20 -2.70	33.01 2.01 -2.71	30.27 1.95 -1.60	29.55 1.82 -2.72
NARROWS_GT1_8 24235	28.47 1.86 0.00	27.12 1.77 0.00	24.19 1.65 0.00	24.19 1.50 0.00	23.63 1.57 0.00	25.57 1.38 0.00	28.90 1.45 0.00	30.95 2.21 0.00	31.06 2.27 -0.72	32.28 2.37 -2.41	31.19 2.36 0.00	31.66 2.32 0.00	34.58 2.49 -2.05	34.71 2.56 -0.59	38.90 2.45 -5.41	40.85 2.48 -6.53	48.43 2.81 -11.31	51.10 2.75 -12.71	46.97 2.72 -9.34	45.74 2.26 -9.78	36.86 2.20 -2.70	33.01 2.01 -2.71	30.27 1.95 -1.60	29.55 1.82 -2.72
NARROWS_GT2_1 24236	28.47 1.86 0.00	27.12 1.77 0.00	24.19 1.65 0.00	24.19 1.50 0.00	23.63 1.57 0.00	25.57 1.38 0.00	28.90 1.45 0.00	30.95 2.21 0.00	31.06 2.27 -0.72	32.28 2.37 -2.41	31.19 2.36 0.00	31.66 2.32 0.00	34.58 2.49 -2.05	34.71 2.56 -0.59	38.90 2.45 -5.41	40.85 2.48 -6.53	48.43 2.81 -11.31	51.10 2.75 -12.71	46.97 2.72 -9.34	45.74 2.26 -9.78	36.86 2.20 -2.70	33.01 2.01 -2.71	30.27 1.95 -1.60	29.55 1.82 -2.72
NARROWS_GT2_2 24237	28.47 1.86 0.00	27.12 1.77 0.00	24.19 1.65 0.00	24.19 1.50 0.00	23.63 1.57 0.00	25.57 1.38 0.00	28.90 1.45 0.00	30.95 2.21 0.00	31.06 2.27 -0.72	32.28 2.37 -2.41	31.19 2.36 0.00	31.66 2.32 0.00	34.58 2.49 -2.05	34.71 2.56 -0.59	38.90 2.45 -5.41	40.85 2.48 -6.53	48.43 2.81 -11.31	51.10 2.75 -12.71	46.97 2.72 -9.34	45.74 2.26 -9.78	36.86 2.20 -2.70	33.01 2.01 -2.71	30.27 1.95 -1.60	29.55 1.82 -2.72

NARROWS_GT2_3 24238	28.47 1.86 0.00	27.12 1.77 0.00	24.19 1.65 0.00	24.19 1.50 0.00	23.63 1.57 0.00	25.57 1.38 0.00	28.90 1.45 0.00	30.95 2.21 0.00	31.06 2.27 -0.72	32.28 2.37 -2.41	31.19 2.36 0.00	31.66 2.32 0.00	34.58 2.49 -2.05	34.71 2.56 -0.59	38.90 2.45 -5.41	40.85 2.48 -6.53	48.43 2.81 -11.31	51.10 2.75 -12.71	46.97 2.72 -9.34	45.74 2.26 -9.78	36.86 2.20 -2.70	33.01 2.01 -2.71	30.27 1.95 -1.60	29.55 1.82 -2.72
NARROWS_GT2_4 24239	28.47 1.86 0.00	27.12 1.77 0.00	24.19 1.65 0.00	24.19 1.50 0.00	23.63 1.57 0.00	25.57 1.38 0.00	28.90 1.45 0.00	30.95 2.21 0.00	31.06 2.27 -0.72	32.28 2.37 -2.41	31.19 2.36 0.00	31.66 2.32 0.00	34.58 2.49 -2.05	34.71 2.56 -0.59	38.90 2.45 -5.41	40.85 2.48 -6.53	48.43 2.81 -11.31	51.10 2.75 -12.71	46.97 2.72 -9.34	45.74 2.26 -9.78	36.86 2.20 -2.70	33.01 2.01 -2.71	30.27 1.95 -1.60	29.55 1.82 -2.72
NARROWS_GT2_5 24240	28.47 1.86 0.00	27.12 1.77 0.00	24.19 1.65 0.00	24.19 1.50 0.00	23.63 1.57 0.00	25.57 1.38 0.00	28.90 1.45 0.00	30.95 2.21 0.00	31.06 2.27 -0.72	32.28 2.37 -2.41	31.19 2.36 0.00	31.66 2.32 0.00	34.58 2.49 -2.05	34.71 2.56 -0.59	38.90 2.45 -5.41	40.85 2.48 -6.53	48.43 2.81 -11.31	51.10 2.75 -12.71	46.97 2.72 -9.34	45.74 2.26 -9.78	36.86 2.20 -2.70	33.01 2.01 -2.71	30.27 1.95 -1.60	29.55 1.82 -2.72
NARROWS_GT2_6 24241	28.47 1.86 0.00	27.12 1.77 0.00	24.19 1.65 0.00	24.19 1.50 0.00	23.63 1.57 0.00	25.57 1.38 0.00	28.90 1.45 0.00	30.95 2.21 0.00	31.06 2.27 -0.72	32.28 2.37 -2.41	31.19 2.36 0.00	31.66 2.32 0.00	34.58 2.49 -2.05	34.71 2.56 -0.59	38.90 2.45 -5.41	40.85 2.48 -6.53	48.43 2.81 -11.31	51.10 2.75 -12.71	46.97 2.72 -9.34	45.74 2.26 -9.78	36.86 2.20 -2.70	33.01 2.01 -2.71	30.27 1.95 -1.60	29.55 1.82 -2.72
NARROWS_GT2_7 24242	28.47 1.86 0.00	27.12 1.77 0.00	24.19 1.65 0.00	24.19 1.50 0.00	23.63 1.57 0.00	25.57 1.38 0.00	28.90 1.45 0.00	30.95 2.21 0.00	31.06 2.27 -0.72	32.28 2.37 -2.41	31.19 2.36 0.00	31.66 2.32 0.00	34.58 2.49 -2.05	34.71 2.56 -0.59	38.90 2.45 -5.41	40.85 2.48 -6.53	48.43 2.81 -11.31	51.10 2.75 -12.71	46.97 2.72 -9.34	45.74 2.26 -9.78	36.86 2.20 -2.70	33.01 2.01 -2.71	30.27 1.95 -1.60	29.55 1.82 -2.72
NARROWS_GT2_8 24243	28.47 1.86 0.00	27.12 1.77 0.00	24.19 1.65 0.00	24.19 1.50 0.00	23.63 1.57 0.00	25.57 1.38 0.00	28.90 1.45 0.00	30.95 2.21 0.00	31.06 2.27 -0.72	32.28 2.37 -2.41	31.19 2.36 0.00	31.66 2.32 0.00	34.58 2.49 -2.05	34.71 2.56 -0.59	38.90 2.45 -5.41	40.85 2.48 -6.53	48.43 2.81 -11.31	51.10 2.75 -12.71	46.97 2.72 -9.34	45.74 2.26 -9.78	36.86 2.20 -2.70	33.01 2.01 -2.71	30.27 1.95 -1.60	29.55 1.82 -2.72
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	27.97 1.36 0.00	26.64 1.29 0.00	23.68 1.13 0.00	23.76 1.07 0.00	23.19 1.13 0.00	25.36 1.16 0.00	28.76 1.32 0.00	30.35 1.61 0.00	30.27 1.35 -0.86	31.65 1.38 -2.77	30.07 1.24 0.00	30.57 1.23 0.00	33.67 1.71 -1.92	33.85 1.58 -0.71	38.45 1.89 -5.52	40.37 2.01 -6.53	47.82 2.20 -11.32	50.90 2.42 -12.82	47.73 2.41 -10.42	46.84 2.02 -11.12	38.20 1.95 -4.29	32.91 1.81 -2.81	30.20 1.76 -1.71	29.62 1.40 -3.21
NCHELSEA_115KV_TR2 355582	28.15 1.54 0.00	26.90 1.55 0.00	23.88 1.33 0.00	23.94 1.25 0.00	23.39 1.32 0.00	25.50 1.31 0.00	28.82 1.37 0.00	30.69 1.95 0.00	30.64 1.85 -0.72	31.74 1.84 -2.40	30.67 1.84 0.00	31.13 1.79 0.00	34.00 1.98 -1.97	34.24 2.08 -0.59	38.43 2.11 -5.28	40.35 2.16 -6.35	47.88 2.57 -11.00	50.67 2.64 -12.38	46.73 2.58 -9.24	45.64 2.22 -9.72	36.72 2.05 -2.73	32.73 1.78 -2.65	30.09 1.79 -1.57	29.35 1.63 -2.72
NEG CAPITAL___MECHNVIL 23645	28.15 1.54 0.00	26.82 1.47 0.00	23.86 1.31 0.00	23.97 1.27 0.00	23.34 1.28 0.00	25.62 1.43 0.00	29.12 1.67 0.00	30.58 1.84 0.00	30.88 1.88 -0.93	32.21 1.76 -2.94	30.73 1.90 0.00	31.22 1.88 0.00	33.92 2.07 -1.81	34.48 2.15 -0.77	38.71 2.17 -5.50	40.51 2.23 -6.44	47.83 2.37 -11.15	50.92 2.57 -12.70	48.36 2.55 -10.91	47.91 2.49 -11.72	41.58 2.40 -7.23	33.12 2.01 -2.82	30.29 1.82 -1.74	30.21 1.75 -3.45
NEG CENTRAL_HIGH_ACRES 23767	27.12 0.50 0.00	25.81 0.46 0.00	22.80 0.25 0.00	23.15 0.45 0.00	22.35 0.29 0.00	24.68 0.48 0.00	28.05 0.60 0.00	29.06 0.32 0.00	28.57 0.45 -0.05	28.09 0.41 -0.17	29.26 0.43 0.00	29.81 0.47 0.00	30.47 0.30 -0.13	31.93 0.32 -0.04	31.77 0.37 -0.36	32.67 0.41 -0.42	35.32 0.27 -0.74	36.84 0.36 -0.83	35.94 0.38 -0.65	34.78 0.44 -0.64	32.52 0.54 -0.03	29.03 0.57 -0.17	27.42 0.59 -0.10	25.74 0.55 -0.18
NEG CENTRAL___DRP 24199	27.06 0.45 0.00	25.71 0.35 0.00	22.75 0.20 0.00	23.06 0.36 0.00	22.28 0.22 0.00	24.58 0.39 0.00	28.02 0.58 0.00	29.09 0.34 0.00	28.43 0.31 -0.06	27.97 0.28 -0.19	29.20 0.37 0.00	29.75 0.41 0.00	30.45 0.27 -0.14	31.90 0.28 -0.05	31.77 0.34 -0.39	32.68 0.38 -0.46	35.41 0.31 -0.80	36.87 0.32 -0.90	35.95 0.35 -0.70	34.87 0.47 -0.70	32.53 0.54 -0.03	28.90 0.42 -0.18	27.24 0.40 -0.11	25.55 0.35 -0.20
NEG CENTRAL___INDECK 23768	27.91 1.30 0.00	26.52 1.17 0.00	23.38 0.83 0.00	23.79 1.09 0.00	22.90 0.84 0.00	25.36 1.16 0.00	28.90 1.45 0.00	29.89 1.15 0.00	29.29 1.15 -0.07	28.73 0.99 -0.23	29.98 1.15 0.00	30.51 1.17 0.00	31.15 0.93 -0.17	32.54 0.92 -0.06	32.55 1.02 -0.48	33.59 1.18 -0.58	36.44 1.13 -1.00	38.10 1.32 -1.13	37.18 1.40 -0.89	35.96 1.38 -0.88	33.70 1.53 -0.21	29.99 1.47 -0.23	28.31 1.44 -0.14	26.53 1.27 -0.25
NEG CENTRAL___SENECA 23627	27.30 0.69 0.00	25.88 0.53 0.00	22.91 0.36 0.00	23.24 0.54 0.00	22.42 0.35 0.00	24.77 0.58 0.00	28.27 0.82 0.00	29.32 0.57 0.00	28.69 0.56 -0.06	28.23 0.52 -0.20	29.49 0.66 0.00	30.04 0.70 0.00	30.70 0.51 -0.15	32.15 0.54 -0.05	32.08 0.62 -0.42	33.01 0.67 -0.50	35.73 0.55 -0.87	37.20 0.57 -0.98	36.26 0.59 -0.77	35.20 0.74 -0.76	32.82 0.83 -0.03	29.20 0.71 -0.20	27.51 0.67 -0.12	25.80 0.58 -0.22
NEG CENTRAL___STATE_STREET 24147	27.22 0.61 0.00	25.86 0.51 0.00	22.91 0.36 0.00	23.20 0.50 0.00	22.44 0.38 0.00	24.73 0.53 0.00	28.16 0.71 0.00	29.29 0.55 0.00	28.60 0.48 -0.06	28.13 0.44 -0.18	29.35 0.52 0.00	29.96 0.62 0.00	30.69 0.51 -0.14	32.12 0.51 -0.05	31.95 0.53 -0.38	32.87 0.57 -0.46	35.68 0.58 -0.79	37.19 0.64 -0.89	36.30 0.70 -0.70	35.16 0.78 -0.69	32.75 0.77 -0.03	29.07 0.59 -0.18	27.40 0.56 -0.11	25.70 0.50 -0.20
NEG MILLWOOD___DRP 24198	28.37 1.76 0.00	27.10 1.75 0.00	24.04 1.49 0.00	24.08 1.38 0.00	23.50 1.43 0.00	25.67 1.48 0.00	29.04 1.59 0.00	30.92 2.18 0.00	31.07 2.27 -0.73	32.26 2.31 -2.44	31.13 2.31 0.00	31.57 2.23 0.00	34.69 2.61 -2.04	34.88 2.71 -0.60	39.25 2.79 -5.42	41.23 2.87 -6.53	49.01 3.40 -11.31	51.90 3.53 -12.72	47.76 3.42 -9.44	46.64 3.03 -9.91	37.40 2.68 -2.76	33.16 2.15 -2.72	30.37 2.03 -1.61	29.62 1.85 -2.76

NEG NORTH_FLCN_SEA 23793	26.90 0.29 0.00	25.50 0.15 0.00	22.95 0.41 0.00	23.13 0.43 0.00	22.39 0.33 0.00	24.61 0.41 0.00	27.86 0.41 0.00	29.17 0.43 0.00	28.49 0.42 0.00	27.95 0.44 0.00	29.29 0.46 0.00	29.84 0.50 0.00	30.52 0.48 0.00	32.17 0.60 0.00	31.38 0.34 0.00	32.22 0.38 0.00	34.62 0.31 0.00	35.44 -0.21 0.00	34.66 -0.24 0.00	33.73 0.03 0.00	32.15 0.19 0.00	28.89 0.59 0.00	27.21 0.48 0.00	25.51 0.50 0.00
NEG NORTH_KES_CHATEGAY 23792	26.72 0.11 0.00	25.35 0.00 0.00	22.77 0.23 0.00	22.95 0.25 0.00	22.24 0.18 0.00	24.44 0.24 0.00	27.67 0.22 0.00	28.97 0.23 0.00	28.29 0.22 0.00	27.73 0.22 0.00	29.06 0.23 0.00	29.63 0.29 0.00	30.31 0.27 0.00	31.91 0.35 0.00	31.16 0.12 0.00	32.00 0.16 0.00	34.41 0.10 0.00	35.44 -0.21 0.00	34.62 -0.28 0.00	33.57 -0.13 0.00	31.92 -0.03 0.00	28.49 0.20 0.00	26.83 0.11 0.00	25.16 0.15 0.00
NEG NORTH___ALICE_FALLS 23915	26.98 0.37 0.00	25.58 0.23 0.00	23.02 0.47 0.00	23.22 0.52 0.00	22.48 0.42 0.00	24.70 0.51 0.00	28.00 0.55 0.00	29.29 0.55 0.00	28.57 0.51 0.00	28.03 0.52 0.00	29.37 0.55 0.00	29.96 0.62 0.00	30.61 0.57 0.00	32.26 0.69 0.00	31.47 0.43 0.00	32.31 0.48 0.00	34.76 0.45 0.00	35.69 0.04 0.00	34.87 -0.03 0.00	33.90 0.20 0.00	32.30 0.35 0.00	28.92 0.62 0.00	27.21 0.48 0.00	25.53 0.53 0.00
NEG NORTH___LWR_SARANAC 23913	26.98 0.37 0.00	25.58 0.23 0.00	23.02 0.47 0.00	23.22 0.52 0.00	22.48 0.42 0.00	24.70 0.51 0.00	28.00 0.55 0.00	29.29 0.55 0.00	28.57 0.51 0.00	28.03 0.52 0.00	29.37 0.55 0.00	29.96 0.62 0.00	30.61 0.57 0.00	32.26 0.69 0.00	31.47 0.43 0.00	32.31 0.48 0.00	34.76 0.45 0.00	35.69 0.04 0.00	34.87 -0.03 0.00	33.90 0.20 0.00	32.30 0.35 0.00	28.92 0.62 0.00	27.21 0.48 0.00	25.53 0.53 0.00
NEG NORTH___PLATTSBURG 23628	27.01 0.40 0.00	25.58 0.23 0.00	23.04 0.50 0.00	23.22 0.52 0.00	22.48 0.42 0.00	24.73 0.53 0.00	28.00 0.55 0.00	29.29 0.54 0.00	28.57 0.51 0.00	28.03 0.52 0.00	29.37 0.55 0.00	29.96 0.62 0.00	30.61 0.57 0.00	32.26 0.69 0.00	31.47 0.43 0.00	32.34 0.51 0.00	34.79 0.48 0.00	36.08 0.43 0.00	34.97 0.07 0.00	34.04 0.34 0.00	32.82 0.86 0.00	28.92 0.62 0.00	27.21 0.48 0.00	25.53 0.53 0.00
NEG WEST_LEA_LOCKPORT 23791	26.90 0.29 0.00	25.35 0.00 0.00	22.48 -0.07 0.00	22.81 0.11 0.00	21.82 -0.24 0.00	24.19 0.00 0.00	27.53 0.08 0.00	28.02 -0.72 0.00	27.62 -0.51 -0.06	27.13 -0.58 -0.20	28.37 -0.46 0.00	28.90 -0.44 0.00	29.44 -0.75 -0.15	30.70 -0.92 -0.05	30.72 -0.74 -0.42	31.45 -0.89 -0.50	33.95 -1.24 -0.87	35.39 -1.25 -0.99	34.45 -1.22 -0.77	33.29 -1.18 -0.77	31.28 -0.70 -0.03	28.16 -0.34 -0.20	26.74 -0.11 -0.12	25.25 0.03 -0.22
NEG WEST___LANCASTR 23811	26.58 -0.03 0.00	25.10 -0.25 0.00	22.21 -0.34 0.00	22.51 -0.18 0.00	21.60 -0.46 0.00	23.98 -0.22 0.00	27.34 -0.11 0.00	27.91 -0.83 0.00	26.99 -1.15 -0.07	26.55 -1.18 -0.23	28.25 -0.58 0.00	28.78 -0.56 0.00	29.07 -1.14 -0.17	30.30 -1.33 -0.06	30.28 -1.24 -0.48	31.01 -1.40 -0.57	33.62 -1.68 -0.99	35.02 -1.75 -1.12	34.06 -1.71 -0.87	32.82 -1.75 -0.87	31.30 -0.86 -0.21	27.59 -0.93 -0.23	26.12 -0.75 -0.14	24.50 -0.75 -0.25
NEG_PENN_ALLEGHNY 23528	27.01 0.40 0.00	25.73 0.38 0.00	22.77 0.23 0.00	22.99 0.29 0.00	22.31 0.24 0.00	24.58 0.39 0.00	27.94 0.49 0.00	29.06 0.32 0.00	28.48 0.28 -0.13	28.17 0.25 -0.42	29.20 0.37 0.00	29.75 0.41 0.00	30.65 0.30 -0.31	31.96 0.28 -0.10	32.28 0.37 -0.87	33.28 0.41 -1.03	36.51 0.41 -1.79	38.06 0.39 -2.02	36.90 0.42 -1.58	35.69 0.44 -1.55	32.74 0.38 -0.41	29.10 0.40 -0.41	27.35 0.37 -0.24	25.75 0.30 -0.44
NEG___GEN_MONROE 24207	27.12 0.51 0.00	25.68 0.33 0.00	22.80 0.25 0.00	23.10 0.41 0.00	22.22 0.15 0.00	24.58 0.39 0.00	27.97 0.52 0.00	28.71 -0.03 0.00	28.29 0.17 -0.05	27.82 0.14 -0.17	29.00 0.17 0.00	29.57 0.23 0.00	30.17 0.00 -0.13	31.52 -0.09 -0.04	31.43 0.03 -0.36	32.27 0.00 -0.43	34.85 -0.21 -0.75	36.40 -0.11 -0.85	35.50 -0.07 -0.66	34.33 -0.03 -0.66	32.27 0.29 -0.03	28.89 0.42 -0.17	27.34 0.51 -0.10	25.67 0.48 -0.19
NEPA___ENERGY 23901	26.98 0.37 0.00	25.48 0.13 0.00	22.53 -0.02 0.00	22.81 0.11 0.00	21.91 -0.15 0.00	24.32 0.12 0.00	27.75 0.30 0.00	28.51 -0.23 0.00	27.91 -0.22 -0.07	27.47 -0.28 -0.23	28.86 0.03 0.00	29.40 0.06 0.00	29.91 -0.30 -0.17	31.28 -0.35 -0.06	31.34 -0.19 -0.49	32.10 -0.32 -0.58	34.76 -0.55 -1.00	36.22 -0.57 -1.13	35.23 -0.56 -0.89	33.91 -0.67 -0.88	32.07 -0.10 -0.21	28.53 0.00 -0.23	27.05 0.19 -0.14	25.33 0.08 -0.25
NEVERSINK___HYD 23608	27.81 1.20 0.00	26.52 1.17 0.00	23.56 1.02 0.00	23.65 0.95 0.00	23.06 0.99 0.00	25.19 0.99 0.00	28.57 1.13 0.00	30.32 1.58 0.00	30.23 1.60 -0.57	30.96 1.57 -1.89	30.35 1.53 0.00	30.92 1.58 0.00	33.25 1.68 -1.52	33.80 1.77 -0.47	36.95 1.80 -4.11	38.68 1.91 -4.93	45.19 2.33 -8.55	47.31 2.03 -9.62	44.14 1.99 -7.25	43.19 1.62 -7.88	35.69 1.44 -2.30	31.67 1.24 -2.13	29.30 1.31 -1.27	28.37 1.15 -2.21
NEWKRMKL_115KV_TB1 55635	27.20 0.59 0.00	25.96 0.61 0.00	23.07 0.52 0.00	23.15 0.45 0.00	22.59 0.53 0.00	24.75 0.56 0.00	28.08 0.63 0.00	29.66 0.92 0.00	29.91 0.93 -0.92	31.31 0.88 -2.93	29.75 0.92 0.00	30.25 0.91 0.00	33.01 1.08 -1.89	33.43 1.10 -0.76	37.79 1.15 -5.61	39.61 1.18 -6.59	46.96 1.24 -11.42	49.95 1.32 -12.98	47.10 1.29 -10.91	46.59 1.21 -11.68	38.65 1.18 -5.51	32.15 0.99 -2.86	29.39 0.91 -1.76	29.25 0.83 -3.42
NEWTON___FALLS_HYD 23847	26.32 -0.29 0.00	25.05 -0.30 0.00	22.37 -0.18 0.00	22.51 -0.18 0.00	21.87 -0.20 0.00	23.95 -0.24 0.00	27.23 -0.22 0.00	28.37 -0.37 0.00	27.59 -0.48 0.00	26.93 -0.58 0.00	28.22 -0.61 0.00	28.90 -0.44 0.00	29.53 -0.51 0.00	31.06 -0.51 0.00	30.48 -0.56 0.00	31.33 -0.51 0.00	33.79 -0.51 0.00	35.19 -0.46 0.00	34.48 -0.42 0.00	33.46 -0.24 0.00	31.60 -0.35 0.00	27.84 -0.45 0.00	26.25 -0.48 0.00	24.73 -0.28 0.00
NGRID_A1_DSASP 323792	26.29 -0.32 0.00	25.00 -0.35 0.00	22.01 -0.54 0.00	22.33 -0.36 0.00	21.49 -0.57 0.00	23.81 -0.39 0.00	26.87 -0.58 0.00	27.36 -1.38 0.00	27.04 -1.10 -0.06	26.58 -1.13 -0.21	27.73 -1.10 0.00	28.25 -1.08 0.00	28.84 -1.35 -0.15	30.01 -1.61 -0.05	30.07 -1.40 -0.43	30.82 -1.53 -0.51	33.27 -1.92 -0.89	34.59 -2.07 -1.00	33.73 -1.95 -0.78	32.59 -1.89 -0.78	30.45 -1.53 -0.03	27.57 -0.93 -0.20	26.21 -0.64 -0.12	24.78 -0.45 -0.22
NGRID_A2_DSASP 323793	26.29 -0.32 0.00	25.00 -0.35 0.00	22.01 -0.54 0.00	22.33 -0.36 0.00	21.49 -0.57 0.00	23.81 -0.39 0.00	26.87 -0.58 0.00	27.36 -1.38 0.00	27.04 -1.10 -0.06	26.58 -1.13 -0.21	27.73 -1.10 0.00	28.25 -1.08 0.00	28.84 -1.35 -0.15	30.01 -1.61 -0.05	30.07 -1.40 -0.43	30.82 -1.53 -0.51	33.27 -1.92 -0.89	34.59 -2.07 -1.00	33.73 -1.95 -0.78	32.59 -1.89 -0.78	30.45 -1.53 -0.03	27.57 -0.93 -0.20	26.21 -0.64 -0.12	24.78 -0.45 -0.22

NGRID_A4_DSASP 323807	26.40 -0.21 0.00	24.87 -0.48 0.00	22.07 -0.47 0.00	22.38 -0.32 0.00	21.40 -0.66 0.00	23.73 -0.46 0.00	26.95 -0.49 0.00	27.39 -1.35 0.00	27.04 -1.09 -0.06	26.58 -1.13 -0.21	27.73 -1.10 0.00	28.25 -1.09 0.00	28.84 -1.35 -0.15	30.01 -1.61 -0.05	30.07 -1.40 -0.43	30.79 -1.56 -0.51	33.21 -1.99 -0.89	34.59 -2.07 -1.00	33.69 -1.99 -0.78	32.52 -1.95 -0.78	30.55 -1.44 -0.03	27.56 -0.93 -0.20	26.21 -0.64 -0.12	24.78 -0.45 -0.22
NIAGARA_115E_LBMP 323715	26.48 -0.13 0.00	25.15 -0.20 0.00	22.14 -0.41 0.00	22.47 -0.23 0.00	21.62 -0.44 0.00	23.95 -0.24 0.00	27.06 -0.38 0.00	27.59 -1.15 0.00	27.23 -0.90 -0.06	26.75 -0.96 -0.21	27.93 -0.89 0.00	28.46 -0.88 0.00	29.05 -1.14 -0.15	30.23 -1.39 -0.05	30.29 -1.18 -0.43	31.04 -1.31 -0.51	33.52 -1.68 -0.89	34.84 -1.82 -1.00	33.98 -1.71 -0.79	32.83 -1.65 -0.78	30.68 -1.31 -0.03	27.76 -0.74 -0.20	26.37 -0.48 -0.12	24.93 -0.30 -0.22
NIAGARA_115W_LBMP 323714	26.24 -0.37 0.00	24.92 -0.43 0.00	21.94 -0.61 0.00	22.26 -0.43 0.00	21.42 -0.64 0.00	23.73 -0.46 0.00	26.79 -0.66 0.00	27.28 -1.46 0.00	26.95 -1.18 -0.06	26.50 -1.21 -0.21	27.64 -1.18 0.00	28.16 -1.17 0.00	28.75 -1.44 -0.15	29.94 -1.67 -0.05	30.01 -1.46 -0.43	30.72 -1.62 -0.51	33.17 -2.02 -0.89	34.48 -2.18 -1.00	33.62 -2.06 -0.78	32.49 -1.99 -0.78	30.36 -1.63 -0.03	27.48 -1.02 -0.20	26.13 -0.72 -0.12	24.70 -0.53 -0.22
NIAGARA_230_LBMP 323716	26.56 -0.05 0.00	25.25 -0.10 0.00	22.21 -0.34 0.00	22.56 -0.14 0.00	21.71 -0.35 0.00	24.05 -0.14 0.00	27.17 -0.27 0.00	27.68 -1.06 0.00	27.32 -0.81 -0.06	26.86 -0.85 -0.20	28.02 -0.81 0.00	28.55 -0.79 0.00	29.14 -1.05 -0.15	30.35 -1.26 -0.05	30.41 -1.06 -0.42	31.16 -1.18 -0.51	33.64 -1.54 -0.88	34.97 -1.68 -0.99	34.11 -1.57 -0.77	32.95 -1.52 -0.77	30.80 -1.18 -0.03	27.85 -0.65 -0.20	26.47 -0.37 -0.12	25.00 -0.23 -0.22
NIAGARA__115KV_198_GIBSON 55903	26.32 -0.29 0.00	24.79 -0.56 0.00	22.01 -0.54 0.00	22.31 -0.39 0.00	21.34 -0.73 0.00	23.66 -0.53 0.00	26.87 -0.58 0.00	27.30 -1.44 0.00	26.95 -1.18 -0.06	26.50 -1.21 -0.21	27.64 -1.18 0.00	28.17 -1.17 0.00	28.75 -1.44 -0.15	29.95 -1.67 -0.05	30.01 -1.46 -0.43	30.69 -1.66 -0.51	33.10 -2.09 -0.89	34.51 -2.14 -1.00	33.62 -2.06 -0.78	32.46 -2.02 -0.78	30.45 -1.53 -0.03	27.48 -1.02 -0.20	26.13 -0.72 -0.12	24.70 -0.53 -0.22
NIAGARA____ 23760	26.56 -0.05 0.00	25.25 -0.10 0.00	22.21 -0.34 0.00	22.56 -0.14 0.00	21.71 -0.35 0.00	24.05 -0.14 0.00	27.17 -0.27 0.00	27.68 -1.06 0.00	27.32 -0.81 -0.06	26.86 -0.85 -0.20	28.02 -0.81 0.00	28.55 -0.79 0.00	29.14 -1.05 -0.15	30.35 -1.26 -0.05	30.41 -1.06 -0.43	31.17 -1.18 -0.51	33.65 -1.54 -0.88	34.97 -1.68 -0.99	34.11 -1.57 -0.78	32.96 -1.52 -0.77	30.81 -1.18 -0.03	27.85 -0.65 -0.20	26.47 -0.37 -0.12	25.00 -0.23 -0.22
NINE_MILE_1 23575	25.97 -0.64 0.00	24.74 -0.61 0.00	21.96 -0.59 0.00	22.15 -0.54 0.00	21.51 -0.55 0.00	23.64 -0.56 0.00	26.84 -0.60 0.00	27.91 -0.83 0.00	27.26 -0.84 -0.03	26.78 -0.82 -0.10	27.96 -0.86 0.00	28.49 -0.85 0.00	29.18 -0.93 -0.07	30.61 -0.98 -0.02	30.31 -0.93 -0.20	31.13 -0.95 -0.24	33.67 -1.06 -0.42	35.03 -1.11 -0.48	34.19 -1.08 -0.37	33.09 -0.98 -0.37	31.04 -0.93 -0.02	27.60 -0.79 -0.10	26.07 -0.72 -0.06	24.41 -0.70 -0.11
NINE_MILE_2 23744	25.97 -0.64 0.00	24.74 -0.61 0.00	21.96 -0.59 0.00	22.15 -0.54 0.00	21.51 -0.55 0.00	23.64 -0.56 0.00	26.84 -0.60 0.00	27.91 -0.83 0.00	27.26 -0.84 -0.03	26.78 -0.82 -0.10	27.96 -0.86 0.00	28.49 -0.85 0.00	29.18 -0.93 -0.07	30.61 -0.98 -0.02	30.31 -0.93 -0.20	31.13 -0.95 -0.24	33.67 -1.06 -0.42	35.02 -1.11 -0.48	34.23 -1.05 -0.37	33.09 -0.98 -0.37	31.04 -0.93 -0.02	27.60 -0.79 -0.10	26.07 -0.72 -0.06	24.41 -0.70 -0.11
NM_CAPITAL____DRP 24208	27.28 0.67 0.00	26.04 0.68 0.00	23.13 0.59 0.00	23.22 0.52 0.00	22.66 0.60 0.00	24.80 0.60 0.00	28.13 0.69 0.00	29.72 0.98 0.00	30.00 1.01 -0.92	31.38 0.96 -2.91	29.84 1.01 0.00	30.31 0.97 0.00	33.00 1.11 -1.85	33.49 1.17 -0.76	37.75 1.18 -5.54	39.55 1.21 -6.50	46.87 1.30 -11.26	49.81 1.35 -12.80	47.10 1.36 -10.84	46.56 1.25 -11.61	38.60 1.21 -5.43	32.14 1.02 -2.83	29.40 0.94 -1.74	29.29 0.88 -3.40
NM_CENTRAL____DRP 24181	26.56 -0.05 0.00	25.25 -0.10 0.00	22.39 -0.16 0.00	22.63 -0.07 0.00	21.93 -0.13 0.00	24.12 -0.07 0.00	27.50 0.05 0.00	28.48 -0.26 0.00	27.80 -0.31 -0.04	27.31 -0.33 -0.13	28.54 -0.29 0.00	29.07 -0.26 0.00	29.81 -0.33 -0.10	31.22 -0.38 -0.03	31.03 -0.28 -0.28	31.88 -0.29 -0.33	34.53 -0.34 -0.57	35.94 -0.36 -0.64	35.09 -0.31 -0.50	33.93 -0.27 -0.50	31.72 -0.26 -0.02	28.23 -0.20 -0.13	26.65 -0.16 -0.08	25.00 -0.15 -0.14
NM_FRONTIER____DRP 24179	26.32 -0.29 0.00	24.79 -0.56 0.00	22.01 -0.54 0.00	22.31 -0.39 0.00	21.34 -0.73 0.00	23.66 -0.53 0.00	26.87 -0.58 0.00	27.30 -1.44 0.00	26.95 -1.18 -0.06	26.50 -1.21 -0.21	27.64 -1.18 0.00	28.17 -1.17 0.00	28.75 -1.44 -0.15	29.95 -1.67 -0.05	30.01 -1.46 -0.43	30.69 -1.66 -0.51	33.10 -2.09 -0.89	34.51 -2.14 -1.00	33.62 -2.06 -0.78	32.46 -2.02 -0.78	30.45 -1.53 -0.03	27.48 -1.02 -0.20	26.13 -0.72 -0.12	24.70 -0.53 -0.22
NM_ST_REGIS____HYD 24053	26.19 -0.43 0.00	24.89 -0.46 0.00	22.32 -0.23 0.00	22.47 -0.23 0.00	21.80 -0.26 0.00	23.86 -0.34 0.00	26.93 -0.52 0.00	28.11 -0.63 0.00	27.34 -0.73 0.00	26.76 -0.74 0.00	28.05 -0.78 0.00	28.63 -0.70 0.00	29.29 -0.75 0.00	30.84 -0.73 0.00	30.14 -0.90 0.00	30.94 -0.89 0.00	33.35 -0.96 0.00	34.58 -1.07 0.00	33.82 -1.08 0.00	32.82 -0.88 0.00	31.12 -0.83 0.00	27.56 -0.74 0.00	26.01 -0.72 0.00	24.58 -0.43 0.00
NORTHPORT____1 23551	31.61 2.50 -2.50	29.97 2.43 -2.18	24.76 2.21 0.00	24.65 1.95 0.00	24.18 2.12 0.00	26.46 2.25 -0.02	29.78 2.33 0.00	31.76 3.02 0.00	33.10 2.97 -2.05	35.04 2.89 -4.65	33.61 2.74 -2.04	34.19 2.52 -2.33	38.50 2.43 -6.03	37.05 2.49 -2.99	38.20 2.45 -4.71	38.20 2.42 -3.95	41.22 2.81 -4.09	44.01 2.64 -5.72	42.51 2.79 -4.82	43.40 2.19 -7.51	38.42 2.30 -4.16	33.76 2.01 -3.46	33.46 2.22 -4.51	32.80 1.98 -5.82
NORTHPORT____2 23552	31.61 2.50 -2.50	29.97 2.43 -2.18	24.76 2.21 0.00	24.65 1.95 0.00	24.18 2.12 0.00	26.46 2.25 -0.02	29.78 2.33 0.00	31.76 3.02 0.00	33.10 2.97 -2.05	35.04 2.89 -4.65	33.61 2.74 -2.04	34.19 2.52 -2.33	38.50 2.43 -6.03	37.05 2.49 -2.99	38.20 2.45 -4.71	38.20 2.42 -3.95	41.22 2.81 -4.09	44.01 2.64 -5.72	42.51 2.79 -4.82	43.40 2.19 -7.51	38.42 2.30 -4.16	33.76 2.01 -3.46	33.46 2.22 -4.51	32.80 1.98 -5.82
NORTHPORT____3 23553	31.11 2.00 -2.50	29.48 1.95 -2.18	24.31 1.76 0.00	24.22 1.52 0.00	23.72 1.66 0.00	25.95 1.74 -0.02	29.26 1.81 0.00	31.21 2.47 0.00	32.59 2.47 -2.05	34.57 2.42 -4.65	33.05 2.19 -2.03	34.01 2.11 -2.56	38.81 2.70 -6.07	37.84 2.84 -3.43	38.22 2.48 -4.70	38.54 2.77 -3.94	41.69 3.29 -4.09	44.43 3.07 -5.71	41.16 3.35 -2.91	43.90 2.70 -7.50	38.69 2.68 -4.05	34.01 2.46 -3.25	33.64 2.32 -4.59	33.26 2.35 -5.90

NORTHPORT___4 23650	31.11 2.00 -2.50	29.48 1.95 -2.18	24.31 1.76 0.00	24.22 1.52 0.00	23.72 1.66 0.00	25.95 1.74 -0.02	29.26 1.81 0.00	31.21 2.47 0.00	32.59 2.47 -2.05	34.57 2.42 -4.65	33.05 2.19 -2.03	34.01 2.11 -2.56	38.81 2.70 -6.07	37.84 2.84 -3.43	38.22 2.48 -4.70	38.54 2.77 -3.94	41.69 3.29 -4.09	44.43 3.07 -5.71	43.06 3.35 -4.81	43.90 2.70 -7.50	38.90 2.68 -4.26	34.20 2.46 -3.45	33.64 2.32 -4.59	33.26 2.35 -5.90
NORTHPORT___IC 23718	31.61 2.50 -2.50	29.97 2.43 -2.18	24.76 2.21 0.00	24.65 1.95 0.00	24.18 2.12 0.00	26.46 2.25 -0.02	29.78 2.33 0.00	31.76 3.02 0.00	33.10 2.97 -2.05	35.04 2.89 -4.65	33.61 2.74 -2.04	34.19 2.52 -2.33	38.50 2.43 -6.03	37.05 2.49 -2.99	38.20 2.45 -4.71	38.20 2.42 -3.95	41.22 2.81 -4.09	44.01 2.64 -5.72	42.51 2.79 -4.82	43.40 2.19 -7.51	38.42 2.30 -4.16	33.76 2.01 -3.46	33.46 2.22 -4.51	32.80 1.98 -5.82
NORTH___COUNTRY_ESR 323785	26.66 0.05 0.00	25.30 -0.05 0.00	22.73 0.18 0.00	22.90 0.20 0.00	22.20 0.13 0.00	24.36 0.17 0.00	27.59 0.14 0.00	28.88 0.14 0.00	28.21 0.14 0.00	27.67 0.17 0.00	29.00 0.17 0.00	29.55 0.21 0.00	30.22 0.18 0.00	31.82 0.25 0.00	31.07 0.03 0.00	31.90 0.06 0.00	34.34 0.03 0.00	35.62 -0.04 0.00	34.59 -0.31 0.00	33.57 -0.13 0.00	32.21 0.25 0.00	28.41 0.11 0.00	26.75 0.03 0.00	25.08 0.08 0.00
NPX_GEN_1385_PROXY 323591	30.79 1.68 -2.50	29.28 1.75 -2.18	24.31 1.76 0.00	24.17 1.47 0.00	23.85 1.79 0.00	26.07 1.86 -0.02	29.18 1.73 0.00	31.18 2.44 0.00	32.48 2.36 -2.05	34.30 2.15 -4.65	32.83 1.96 -2.04	33.43 1.76 -2.33	34.49 1.71 -2.74	36.30 1.74 -2.99	37.15 1.40 -4.71	37.12 1.34 -3.95	40.22 1.82 -4.09	42.60 1.43 -5.52	41.74 2.02 -4.82	42.49 1.28 -7.51	37.49 1.37 -4.16	32.80 1.05 -3.46	32.16 1.26 -4.18	31.92 1.10 -5.82
NPX_GEN_CSC 323557	32.34 3.22 -2.51	30.66 3.12 -2.19	25.35 2.80 -0.01	25.19 2.50 0.00	24.71 2.65 0.00	27.09 2.88 -0.02	30.47 3.02 0.00	32.50 3.76 0.00	33.80 3.68 -2.05	35.78 3.63 -4.65	34.50 3.63 -2.04	38.57 3.49 -5.75	41.38 3.66 -7.68	54.75 3.79 -19.39	48.23 3.75 -13.44	76.98 3.82 -41.32	131.40 4.39 -92.70	131.50 4.28 -91.57	135.34 4.43 -96.01	72.97 3.74 -35.53	46.21 3.74 -10.52	41.41 3.25 -9.86	37.55 3.23 -7.59	37.24 3.00 -9.23
NSINS_S_GLNS_FALLS 23858	28.18 1.57 0.00	26.87 1.52 0.00	23.88 1.33 0.00	23.99 1.29 0.00	23.41 1.35 0.00	25.69 1.50 0.00	29.20 1.76 0.00	30.67 1.93 0.00	31.02 2.02 -0.94	32.34 1.87 -2.96	30.87 2.05 0.00	31.39 2.05 0.00	34.07 2.16 -1.87	34.58 2.24 -0.77	38.89 2.23 -5.61	40.65 2.23 -6.59	48.01 2.30 -11.40	51.19 2.57 -12.97	48.50 2.58 -11.02	48.11 2.59 -11.82	41.88 2.52 -7.40	33.34 2.18 -2.87	30.37 1.87 -1.77	30.43 1.95 -3.47
NUCOR_STEEL___DRP 24197	27.04 0.43 0.00	25.71 0.35 0.00	22.77 0.23 0.00	23.06 0.36 0.00	22.31 0.24 0.00	24.56 0.36 0.00	27.97 0.52 0.00	29.09 0.34 0.00	28.40 0.28 -0.05	27.93 0.25 -0.18	29.14 0.32 0.00	29.72 0.38 0.00	30.44 0.27 -0.13	31.90 0.28 -0.04	31.69 0.28 -0.37	32.63 0.35 -0.44	35.42 0.34 -0.76	36.91 0.39 -0.86	36.03 0.45 -0.68	34.84 0.47 -0.66	32.49 0.51 -0.03	28.86 0.40 -0.17	27.21 0.37 -0.10	25.52 0.33 -0.19
NUMBER_THREE_WT_PWR 323818	26.77 0.16 0.00	25.48 0.13 0.00	22.68 0.14 0.00	22.86 0.16 0.00	22.20 0.13 0.00	24.39 0.19 0.00	27.89 0.44 0.00	29.06 0.32 0.00	28.28 0.20 -0.02	27.64 0.08 -0.05	28.91 0.09 0.00	29.63 0.29 0.00	30.29 0.21 -0.04	31.86 0.28 -0.01	31.42 0.28 -0.11	32.28 0.32 -0.13	34.91 0.38 -0.22	36.44 0.54 -0.25	35.72 0.63 -0.20	34.63 0.74 -0.19	32.47 0.51 -0.01	28.63 0.28 -0.05	26.89 0.13 -0.03	25.26 0.20 -0.06
NYISO_LBMP_REFERENCE 24008	26.61 0.00 0.00	25.35 0.00 0.00	22.55 0.00 0.00	22.70 0.00 0.00	22.06 0.00 0.00	24.19 0.00 0.00	27.45 0.00 0.00	28.74 0.00 0.00	28.07 0.00 0.00	27.51 0.00 0.00	28.83 0.00 0.00	29.34 0.00 0.00	30.04 0.00 0.00	31.57 0.00 0.00	31.04 0.00 0.00	31.84 0.00 0.00	34.31 0.00 0.00	35.65 0.00 0.00	34.90 0.00 0.00	33.70 0.00 0.00	31.95 0.00 0.00	28.30 0.00 0.00	26.73 0.00 0.00	25.01 0.00 0.00
NYPA_BRENTWD___GT 24164	32.01 2.90 -2.50	30.32 2.79 -2.18	25.07 2.52 0.00	24.94 2.25 0.00	24.47 2.41 0.00	26.80 2.59 -0.02	30.17 2.72 0.00	32.19 3.45 0.00	33.55 3.42 -2.05	35.53 3.38 -4.65	34.18 3.31 -2.04	44.49 3.17 -11.99	41.15 3.12 -7.98	57.98 3.25 -23.16	41.23 3.10 -7.09	49.12 3.12 -14.16	66.08 3.46 -28.31	68.12 3.28 -29.19	66.39 3.46 -28.03	51.66 2.80 -15.16	44.39 3.07 -9.36	36.01 2.69 -5.03	37.84 2.86 -8.25	37.56 2.60 -9.95
NYPA_GOWANUS___GT5 24156	28.47 1.86 0.00	27.12 1.77 0.00	24.19 1.65 0.00	24.19 1.50 0.00	23.63 1.57 0.00	25.57 1.38 0.00	28.90 1.45 0.00	30.95 2.21 0.00	31.06 2.27 -0.72	32.28 2.37 -2.41	31.19 2.36 0.00	31.66 2.32 0.00	34.58 2.49 -2.05	34.71 2.56 -0.59	38.90 2.45 -5.41	40.85 2.48 -6.53	48.43 2.81 -11.31	51.07 2.71 -12.71	46.97 2.72 -9.34	45.74 2.26 -9.78	36.86 2.20 -2.70	33.01 2.01 -2.71	30.27 1.95 -1.60	29.55 1.82 -2.72
NYPA_GOWANUS___GT6 24157	28.47 1.86 0.00	27.12 1.77 0.00	24.19 1.65 0.00	24.19 1.50 0.00	23.63 1.57 0.00	25.57 1.38 0.00	28.90 1.45 0.00	30.95 2.21 0.00	31.06 2.27 -0.72	32.28 2.37 -2.41	31.19 2.36 0.00	31.66 2.32 0.00	34.58 2.49 -2.05	34.71 2.56 -0.59	38.90 2.45 -5.41	40.85 2.48 -6.53	48.43 2.81 -11.31	51.07 2.71 -12.71	46.97 2.72 -9.34	45.74 2.26 -9.78	36.86 2.20 -2.70	33.01 2.01 -2.71	30.27 1.95 -1.60	29.55 1.82 -2.72
NYPA_HARLEM__RVR__GT1 24160	28.34 1.73 0.00	26.97 1.62 0.00	24.01 1.46 0.00	23.99 1.29 0.00	23.43 1.37 0.00	25.40 1.21 0.01	28.76 1.32 0.01	30.77 2.04 0.01	30.82 2.05 -0.71	32.05 2.15 -2.40	30.92 2.10 0.01	31.38 2.05 0.01	34.27 2.19 -2.04	34.39 2.24 -0.58	38.55 2.11 -5.40	40.49 2.13 -6.52	48.08 2.47 -11.30	50.75 2.39 -12.70	46.65 2.41 -9.34	45.43 1.95 -9.78	36.50 1.85 -2.69	32.72 1.73 -2.70	30.09 1.76 -1.60	29.45 1.72 -2.72
NYPA_HARLEM__RVR__GT2 24161	28.34 1.73 0.00	26.97 1.62 0.00	24.01 1.46 0.00	23.99 1.29 0.00	23.43 1.37 0.00	25.40 1.21 0.01	28.76 1.32 0.01	30.77 2.04 0.01	30.82 2.05 -0.71	32.05 2.15 -2.40	30.92 2.10 0.01	31.38 2.05 0.01	34.27 2.19 -2.04	34.39 2.24 -0.58	38.55 2.11 -5.40	40.49 2.13 -6.52	48.08 2.47 -11.30	50.75 2.39 -12.70	46.65 2.41 -9.34	45.43 1.95 -9.78	36.50 1.85 -2.69	32.72 1.73 -2.70	30.09 1.76 -1.60	29.45 1.72 -2.72
NYPA_KENT___GT 24152	28.42 1.81 0.00	27.10 1.75 0.00	24.17 1.62 0.00	24.17 1.47 0.00	23.58 1.52 0.00	25.57 1.38 0.00	28.93 1.48 0.00	30.92 2.18 0.00	31.06 2.27 -0.72	32.25 2.34 -2.41	31.16 2.33 0.00	31.63 2.29 0.00	34.52 2.43 -2.05	34.68 2.53 -0.59	38.84 2.39 -5.41	40.78 2.42 -6.53	48.37 2.75 -11.31	51.03 2.68 -12.71	46.89 2.65 -9.34	45.67 2.19 -9.78	36.80 2.14 -2.70	32.95 1.95 -2.71	30.27 1.95 -1.60	29.53 1.80 -2.72

NYPA_POUCH1____GT 24155	28.45 1.83 0.00	27.10 1.75 0.00	24.17 1.62 0.00	24.17 1.47 0.00	23.61 1.54 0.00	25.50 1.31 0.00	28.82 1.37 0.00	30.87 2.13 0.00	30.98 2.19 -0.72	32.23 2.31 -2.41	31.11 2.28 0.00	31.57 2.23 0.00	34.50 2.40 -2.05	34.65 2.49 -0.59	38.84 2.39 -5.42	40.76 2.39 -6.53	48.29 2.68 -11.31	50.96 2.60 -12.70	46.86 2.62 -9.34	45.64 2.16 -9.78	37.04 2.11 -2.98	32.93 1.93 -2.71	30.23 1.90 -1.60	29.48 1.75 -2.72
NYPA_VERNON____GT2 24162	28.37 1.76 0.00	27.05 1.70 0.00	24.13 1.58 0.00	24.13 1.43 0.00	23.56 1.50 0.00	25.60 1.40 0.00	28.93 1.48 0.00	30.92 2.18 0.00	31.03 2.25 -0.72	32.23 2.31 -2.41	31.13 2.31 0.00	31.57 2.23 0.00	34.46 2.37 -2.05	34.62 2.46 -0.59	38.78 2.33 -5.41	40.72 2.36 -6.53	48.33 2.71 -11.31	51.00 2.64 -12.71	46.86 2.62 -9.34	45.64 2.16 -9.78	36.73 2.08 -2.70	32.93 1.93 -2.71	30.22 1.90 -1.60	29.53 1.80 -2.72
NYPA_VERNON____GT3 24163	28.37 1.76 0.00	27.05 1.70 0.00	24.13 1.58 0.00	24.13 1.43 0.00	23.56 1.50 0.00	25.60 1.40 0.00	28.93 1.48 0.00	30.92 2.18 0.00	31.03 2.25 -0.72	32.23 2.31 -2.41	31.13 2.31 0.00	31.57 2.23 0.00	34.46 2.37 -2.05	34.62 2.46 -0.59	38.78 2.33 -5.41	40.72 2.36 -6.53	48.33 2.71 -11.31	51.00 2.64 -12.71	46.86 2.62 -9.34	45.64 2.16 -9.78	36.73 2.08 -2.70	32.93 1.93 -2.71	30.22 1.90 -1.60	29.53 1.80 -2.72
NYPA____ASTORIA_CC1 323568	28.34 1.73 0.00	27.02 1.67 0.00	24.08 1.53 0.00	24.08 1.38 0.00	23.52 1.46 0.00	25.52 1.33 0.00	28.87 1.43 0.00	30.87 2.13 0.00	30.97 2.19 -0.72	32.17 2.26 -2.41	31.08 2.25 0.00	31.54 2.20 0.00	34.43 2.34 -2.05	34.56 2.40 -0.59	38.72 2.26 -5.41	40.66 2.29 -6.53	48.26 2.64 -11.31	50.89 2.53 -12.71	46.79 2.55 -9.34	45.57 2.09 -9.78	36.64 1.98 -2.70	32.87 1.87 -2.71	30.19 1.87 -1.60	29.47 1.75 -2.72
NYPA____ASTORIA_CC2 323569	28.34 1.73 0.00	27.02 1.67 0.00	24.08 1.53 0.00	24.08 1.38 0.00	23.52 1.46 0.00	25.52 1.33 0.00	28.87 1.43 0.00	30.87 2.13 0.00	30.97 2.19 -0.72	32.17 2.26 -2.41	31.08 2.25 0.00	31.54 2.20 0.00	34.43 2.34 -2.05	34.56 2.40 -0.59	38.72 2.26 -5.41	40.66 2.29 -6.53	48.26 2.64 -11.31	50.89 2.53 -12.71	46.79 2.55 -9.34	45.57 2.09 -9.78	36.64 1.98 -2.70	32.87 1.87 -2.71	30.19 1.87 -1.60	29.47 1.75 -2.72
NYPA____HOLTSVILL 23794	31.91 2.79 -2.51	30.25 2.71 -2.19	25.02 2.46 -0.01	24.87 2.18 0.00	24.40 2.34 0.00	26.70 2.49 -0.02	30.03 2.58 0.00	32.02 3.28 0.00	33.35 3.23 -2.05	35.31 3.16 -4.65	33.98 3.11 -2.04	38.00 2.93 -5.73	40.73 3.03 -7.66	53.89 3.16 -19.17	47.37 3.04 -13.29	75.60 3.09 -40.67	129.00 3.53 -91.16	129.12 3.39 -90.07	132.79 3.52 -94.36	71.64 2.90 -35.04	45.34 2.97 -10.41	40.67 2.63 -9.74	37.00 2.73 -7.54	36.72 2.52 -9.19
NYPA____HELLGATE_GT1 24158	28.34 1.73 0.00	26.97 1.62 0.00	24.01 1.46 0.00	23.99 1.29 0.00	23.43 1.37 0.00	25.40 1.21 0.01	28.76 1.32 0.01	30.77 2.04 0.01	30.82 2.05 -0.71	32.05 2.15 -2.40	30.92 2.10 0.01	31.38 2.05 0.01	34.27 2.19 -2.04	34.39 2.24 -0.58	38.55 2.11 -5.40	40.49 2.13 -6.52	48.08 2.47 -11.30	50.75 2.39 -12.70	46.65 2.41 -9.34	45.43 1.95 -9.78	36.50 1.85 -2.69	32.72 1.73 -2.70	30.09 1.76 -1.60	29.45 1.72 -2.72
NYPA____HELLGATE_GT2 24159	28.34 1.73 0.00	26.97 1.62 0.00	24.01 1.46 0.00	23.99 1.29 0.00	23.43 1.37 0.00	25.40 1.21 0.01	28.76 1.32 0.01	30.77 2.04 0.01	30.82 2.05 -0.71	32.05 2.15 -2.40	30.92 2.10 0.01	31.38 2.05 0.01	34.27 2.19 -2.04	34.39 2.24 -0.58	38.55 2.11 -5.40	40.49 2.13 -6.52	48.08 2.47 -11.30	50.75 2.39 -12.70	46.65 2.41 -9.34	45.43 1.95 -9.78	36.50 1.85 -2.69	32.72 1.73 -2.70	30.09 1.76 -1.60	29.45 1.72 -2.72
NYS_BARGE____HYD 23848	26.82 0.21 0.00	25.48 0.13 0.00	22.41 -0.13 0.00	22.79 0.09 0.00	21.91 -0.15 0.00	24.29 0.10 0.00	27.45 0.00 0.00	28.02 -0.72 0.00	27.65 -0.48 -0.06	27.16 -0.55 -0.20	28.39 -0.43 0.00	28.93 -0.41 0.00	29.50 -0.69 -0.15	30.70 -0.92 -0.05	30.75 -0.71 -0.42	31.51 -0.83 -0.50	34.05 -1.13 -0.87	35.42 -1.21 -0.98	34.52 -1.15 -0.77	33.35 -1.11 -0.76	31.22 -0.77 -0.03	28.18 -0.31 -0.20	26.77 -0.08 -0.12	25.25 0.03 -0.22
OAK ORCHARD____HYD 24046	27.09 0.48 0.00	25.76 0.40 0.00	22.75 0.20 0.00	23.10 0.41 0.00	22.28 0.22 0.00	24.61 0.41 0.00	27.94 0.49 0.00	28.86 0.12 0.00	28.43 0.31 -0.05	27.93 0.25 -0.17	29.09 0.26 0.00	29.66 0.32 0.00	30.29 0.12 -0.13	31.74 0.13 -0.04	31.59 0.19 -0.36	32.46 0.19 -0.43	35.05 0.00 -0.75	36.57 0.07 -0.84	35.66 0.11 -0.66	34.49 0.14 -0.65	32.30 0.32 -0.03	28.92 0.45 -0.17	27.34 0.51 -0.10	25.69 0.50 -0.19
OAKDALE__35_KV_LOAD 356122	26.93 0.32 0.00	25.60 0.25 0.00	22.71 0.16 0.00	22.92 0.23 0.00	22.22 0.15 0.00	24.44 0.24 0.00	27.83 0.38 0.00	28.94 0.20 0.00	28.36 0.17 -0.13	28.03 0.11 -0.42	29.06 0.23 0.00	29.60 0.26 0.00	30.47 0.12 -0.31	31.80 0.13 -0.11	32.13 0.22 -0.87	33.10 0.22 -1.04	36.31 0.21 -1.80	37.93 0.25 -2.03	36.73 0.24 -1.59	35.48 0.24 -1.55	32.68 0.32 -0.40	28.95 0.25 -0.40	27.24 0.27 -0.24	25.65 0.20 -0.44
OCC_CHEM____DRP 24175	26.40 -0.21 0.00	24.87 -0.48 0.00	22.07 -0.47 0.00	22.38 -0.32 0.00	21.40 -0.66 0.00	23.73 -0.46 0.00	26.95 -0.49 0.00	27.39 -1.35 0.00	27.04 -1.09 -0.06	26.58 -1.13 -0.21	27.73 -1.10 0.00	28.25 -1.09 0.00	28.84 -1.35 -0.15	30.01 -1.61 -0.05	30.07 -1.40 -0.43	30.79 -1.56 -0.51	33.21 -1.99 -0.89	34.59 -2.07 -1.00	33.69 -1.99 -0.78	32.52 -1.95 -0.78	30.55 -1.44 -0.03	27.56 -0.93 -0.20	26.21 -0.64 -0.12	24.78 -0.45 -0.22
OH_GEN_PROXY 24063	26.56 -0.05 0.00	25.25 -0.10 0.00	22.23 -0.32 0.00	22.56 -0.14 0.00	21.73 -0.33 0.00	24.05 -0.14 0.00	27.20 -0.25 0.00	27.73 -1.01 0.00	27.40 -0.73 -0.06	26.94 -0.77 -0.20	28.11 -0.72 0.00	28.63 -0.70 0.00	29.23 -0.96 -0.15	30.45 -1.17 -0.05	30.50 -0.96 -0.42	31.26 -1.08 -0.50	33.74 -1.44 -0.87	35.11 -1.53 -0.99	34.24 -1.43 -0.77	33.05 -1.41 -0.77	30.90 -1.09 -0.03	27.90 -0.60 -0.20	26.50 -0.35 -0.12	25.00 -0.23 -0.22
OLIN_CORP_DRP 24177	26.61 0.00 0.00	25.07 -0.28 0.00	22.23 -0.32 0.00	22.56 -0.14 0.00	21.58 -0.49 0.00	23.93 -0.27 0.00	27.20 -0.25 0.00	27.65 -1.09 0.00	27.26 -0.87 -0.06	26.81 -0.91 -0.21	27.99 -0.84 0.00	28.52 -0.82 0.00	29.08 -1.11 -0.16	30.29 -1.33 -0.05	30.35 -1.12 -0.43	31.05 -1.31 -0.52	33.52 -1.68 -0.89	34.92 -1.75 -1.01	34.02 -1.68 -0.79	32.87 -1.62 -0.78	30.84 -1.15 -0.03	27.79 -0.71 -0.20	26.42 -0.43 -0.12	24.95 -0.28 -0.22
OLIN_CORP_DSASP 323712	26.29 -0.32 0.00	25.00 -0.35 0.00	22.01 -0.54 0.00	22.33 -0.36 0.00	21.49 -0.57 0.00	23.81 -0.39 0.00	26.87 -0.58 0.00	27.36 -1.38 0.00	27.04 -1.10 -0.06	26.58 -1.13 -0.21	27.73 -1.10 0.00	28.25 -1.08 0.00	28.84 -1.35 -0.15	30.01 -1.61 -0.05	30.07 -1.40 -0.43	30.82 -1.53 -0.51	33.27 -1.92 -0.89	34.59 -2.07 -1.00	33.73 -1.95 -0.78	32.59 -1.89 -0.78	30.45 -1.53 -0.03	27.57 -0.93 -0.20	26.21 -0.64 -0.12	24.78 -0.45 -0.22

ONEIDA_HERK_LFGE 323681	27.01 0.40 0.00	25.73 0.38 0.00	22.89 0.34 0.00	23.06 0.36 0.00	22.40 0.33 0.00	24.61 0.41 0.00	28.05 0.60 0.00	29.32 0.57 0.00	28.57 0.51 0.00	27.92 0.41 0.00	29.26 0.43 0.00	29.93 0.59 0.00	30.61 0.57 0.00	32.20 0.63 0.00	31.66 0.62 0.00	32.47 0.64 0.00	35.06 0.75 0.00	36.47 0.82 0.00	35.81 0.91 0.00	34.68 0.98 0.00	32.69 0.74 0.00	28.80 0.51 0.00	27.10 0.37 0.00	25.38 0.38 0.00
ONEIDA___115KV_TB4 55905	27.28 0.67 0.00	25.96 0.61 0.00	23.07 0.52 0.00	23.26 0.57 0.00	22.57 0.51 0.00	24.82 0.63 0.00	28.30 0.85 0.00	29.52 0.78 0.00	28.79 0.70 -0.02	28.21 0.63 -0.07	29.49 0.66 0.00	30.16 0.82 0.00	30.90 0.81 -0.05	32.44 0.85 -0.02	32.08 0.90 -0.15	32.90 0.89 -0.17	35.60 0.99 -0.30	37.03 1.03 -0.34	36.28 1.12 -0.27	35.11 1.15 -0.26	32.89 0.93 -0.01	29.04 0.68 -0.07	27.30 0.53 -0.04	25.63 0.55 -0.08
ONONDAGA_REF_OCCRA 23987	26.66 0.05 0.00	25.35 0.00 0.00	22.48 -0.07 0.00	22.70 0.00 0.00	22.00 -0.07 0.00	24.22 0.02 0.00	27.58 0.14 0.00	28.63 -0.11 0.00	27.92 -0.20 -0.05	27.48 -0.19 -0.16	28.68 -0.14 0.00	29.22 -0.12 0.00	29.95 -0.21 -0.12	31.36 -0.25 -0.04	31.22 -0.16 -0.34	32.08 -0.16 -0.41	34.84 -0.17 -0.70	36.30 -0.14 -0.79	35.38 -0.14 -0.62	34.25 -0.07 -0.61	31.92 -0.06 -0.03	28.40 -0.06 -0.16	26.77 -0.05 -0.10	25.11 -0.08 -0.18
ONONDAGA___COGEN 23986	26.69 0.08 0.00	25.38 0.03 0.00	22.50 -0.05 0.00	22.74 0.05 0.00	22.04 -0.02 0.00	24.24 0.05 0.00	27.72 0.27 0.00	28.77 0.03 0.00	28.09 -0.03 -0.05	27.60 -0.06 -0.15	28.83 0.00 0.00	29.40 0.06 0.00	30.12 -0.03 -0.11	31.54 -0.06 -0.04	31.38 0.03 -0.31	32.24 0.03 -0.37	34.95 0.00 -0.64	36.42 0.04 -0.73	35.54 0.07 -0.57	34.40 0.13 -0.56	32.11 0.13 -0.02	28.53 0.08 -0.15	26.90 0.08 -0.09	25.24 0.08 -0.16
ONTARIO___LFGE 23819	27.25 0.64 0.00	25.91 0.56 0.00	22.86 0.32 0.00	23.19 0.50 0.00	22.44 0.37 0.00	24.80 0.61 0.00	28.24 0.80 0.00	29.32 0.57 0.00	28.69 0.56 -0.06	28.23 0.52 -0.20	29.49 0.66 0.00	30.04 0.70 0.00	30.70 0.51 -0.15	32.12 0.50 -0.05	32.08 0.62 -0.42	33.01 0.67 -0.50	35.76 0.58 -0.87	37.17 0.54 -0.98	36.37 0.70 -0.77	35.23 0.78 -0.76	32.75 0.77 -0.03	29.20 0.71 -0.20	27.52 0.67 -0.12	25.80 0.58 -0.22
ORANGEVILLE_WT_PWR 323706	27.01 0.40 0.00	25.68 0.33 0.00	22.59 0.05 0.00	22.90 0.20 0.00	22.09 0.02 0.00	24.44 0.24 0.00	27.67 0.22 0.00	28.40 -0.34 0.00	27.83 -0.31 -0.07	27.39 -0.36 -0.24	28.71 -0.11 0.00	29.25 -0.09 0.00	29.86 -0.36 -0.18	31.12 -0.51 -0.06	31.21 -0.34 -0.51	32.06 -0.38 -0.61	34.74 -0.62 -1.05	36.16 -0.68 -1.19	35.24 -0.59 -0.93	34.02 -0.61 -0.92	31.79 -0.38 -0.22	28.48 -0.06 -0.24	26.98 0.11 -0.14	25.40 0.13 -0.26
ORANGEVILLE___ESR 323794	27.01 0.40 0.00	25.68 0.33 0.00	22.59 0.05 0.00	22.90 0.20 0.00	22.09 0.02 0.00	24.44 0.24 0.00	27.67 0.22 0.00	28.40 -0.34 0.00	27.83 -0.31 -0.07	27.39 -0.36 -0.24	28.71 -0.11 0.00	29.25 -0.09 0.00	29.86 -0.36 -0.18	31.12 -0.51 -0.06	31.21 -0.34 -0.51	32.06 -0.38 -0.61	34.74 -0.62 -1.05	36.16 -0.68 -1.19	35.24 -0.59 -0.93	34.02 -0.61 -0.92	31.79 -0.38 -0.22	28.48 -0.06 -0.24	26.98 0.11 -0.14	25.40 0.13 -0.26
OSWEGATCHIE___HYD 24044	26.32 -0.29 0.00	25.02 -0.33 0.00	22.34 -0.20 0.00	22.51 -0.18 0.00	21.84 -0.22 0.00	23.95 -0.24 0.00	27.23 -0.22 0.00	28.37 -0.37 0.00	27.59 -0.48 0.00	26.93 -0.58 0.00	28.22 -0.61 -0.44	28.90 -0.51 0.00	29.53 -0.47 0.00	31.09 -0.56 0.00	30.48 -0.54 0.00	31.29 -0.55 0.00	33.76 -0.55 0.00	35.15 -0.50 0.00	34.45 -0.45 0.00	33.43 -0.27 0.00	31.63 -0.32 0.00	27.84 -0.45 0.00	26.25 -0.48 0.00	24.73 -0.27 0.00
OSWEGO___5 23606	26.18 -0.43 0.00	24.92 -0.43 0.00	22.12 -0.43 0.00	22.33 -0.36 0.00	21.67 -0.40 0.00	23.81 -0.39 0.00	27.04 -0.41 0.00	28.11 -0.63 0.00	27.48 -0.62 -0.03	26.98 -0.63 -0.11	28.19 -0.63 0.00	28.72 -0.62 0.00	29.43 -0.69 -0.08	30.87 -0.72 -0.03	30.58 -0.68 -0.23	31.41 -0.70 -0.27	33.99 -0.79 -0.47	35.37 -0.82 -0.53	34.51 -0.80 -0.42	33.40 -0.71 -0.41	31.27 -0.70 -0.02	27.84 -0.57 -0.11	26.28 -0.51 -0.06	24.62 -0.50 -0.12
OSWEGO___6 23613	26.18 -0.43 0.00	24.92 -0.43 0.00	22.12 -0.43 0.00	22.33 -0.36 0.00	21.67 -0.40 0.00	23.81 -0.39 0.00	27.04 -0.41 0.00	28.11 -0.63 0.00	27.48 -0.62 -0.03	26.98 -0.63 -0.11	28.19 -0.63 0.00	28.72 -0.62 0.00	29.43 -0.69 -0.08	30.87 -0.72 -0.03	30.58 -0.68 -0.23	31.41 -0.70 -0.27	33.99 -0.79 -0.47	35.37 -0.82 -0.53	34.51 -0.80 -0.42	33.40 -0.71 -0.41	31.27 -0.70 -0.02	27.84 -0.57 -0.11	26.28 -0.51 -0.06	24.62 -0.50 -0.12
OUTOKUMPU-AB___DRP 24206	27.04 0.43 0.00	25.48 0.13 0.00	22.57 0.02 0.00	22.92 0.23 0.00	21.91 -0.15 0.00	24.32 0.12 0.00	27.61 0.16 0.00	28.17 -0.57 0.00	27.74 -0.39 -0.06	27.25 -0.47 -0.21	28.51 -0.32 0.00	29.07 -0.26 0.00	29.63 -0.57 -0.16	30.86 -0.76 -0.05	30.88 -0.59 -0.44	31.62 -0.73 -0.52	34.15 -1.06 -0.90	35.60 -1.07 -1.02	34.65 -1.05 -0.80	33.45 -1.04 -0.79	31.44 -0.54 -0.03	28.27 -0.23 -0.21	26.85 0.00 -0.12	25.33 0.10 -0.23
OXBOW___ 24026	26.69 0.08 0.00	25.35 0.00 0.00	22.30 -0.25 0.00	22.65 -0.05 0.00	21.80 -0.26 0.00	24.15 -0.05 0.00	27.28 -0.16 0.00	27.82 -0.92 0.00	27.46 -0.67 -0.06	26.97 -0.74 -0.21	28.19 -0.63 0.00	28.72 -0.62 0.00	29.32 -0.87 -0.16	30.51 -1.11 -0.05	30.57 -0.90 -0.43	31.33 -1.02 -0.52	33.83 -1.37 -0.89	35.17 -1.50 -1.01	34.29 -1.40 -0.79	33.14 -1.35 -0.78	30.96 -1.02 -0.03	27.99 -0.51 -0.20	26.61 -0.24 -0.12	25.13 -0.10 -0.22
OXY_CHEM_DSASP 323612	26.40 -0.21 0.00	24.87 -0.48 0.00	22.07 -0.47 0.00	22.38 -0.32 0.00	21.40 -0.66 0.00	23.73 -0.46 0.00	26.95 -0.49 0.00	27.39 -1.35 0.00	27.04 -1.09 -0.06	26.58 -1.13 -0.21	27.73 -1.10 0.00	28.25 -1.09 0.00	28.84 -1.35 -0.15	30.01 -1.61 -0.05	30.07 -1.40 -0.43	30.79 -1.56 -0.51	33.21 -1.99 -0.89	34.59 -2.07 -1.00	33.69 -1.99 -0.78	32.52 -1.95 -0.78	30.55 -1.44 -0.03	27.56 -0.93 -0.20	26.21 -0.64 -0.12	24.78 -0.45 -0.22
OZONE_PARK_ESR 323760	28.45 1.84 0.00	27.25 1.90 0.00	24.22 1.67 0.00	24.26 1.57 0.00	23.72 1.65 0.00	25.79 1.60 0.00	29.15 1.70 0.00	31.24 2.50 0.00	31.34 2.55 -0.72	32.53 2.61 -2.41	31.42 2.59 0.00	31.86 2.52 0.00	34.73 2.64 -2.05	34.90 2.75 -0.59	39.09 2.64 -5.41	41.04 2.67 -6.53	48.85 3.23 -11.31	51.61 3.24 -12.71	47.38 3.14 -9.34	46.18 2.70 -9.78	37.08 2.43 -2.70	33.24 2.24 -2.71	30.57 2.25 -1.60	29.77 2.05 -2.72
PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	26.40 -0.21 0.00	24.87 -0.48 0.00	22.07 -0.47 0.00	22.38 -0.32 0.00	21.40 -0.66 0.00	23.73 -0.46 0.00	26.95 -0.49 0.00	27.39 -1.35 0.00	27.04 -1.09 -0.06	26.58 -1.13 -0.21	27.73 -1.10 0.00	28.25 -1.09 0.00	28.84 -1.35 -0.15	30.01 -1.61 -0.05	30.07 -1.40 -0.43	30.79 -1.56 -0.51	33.21 -1.99 -0.89	34.59 -2.07 -1.00	33.69 -1.99 -0.78	32.52 -1.95 -0.78	30.55 -1.44 -0.03	27.56 -0.93 -0.20	26.21 -0.64 -0.12	24.78 -0.45 -0.22

PACKARD__115KV_DUPONT_184 80571	26.40 -0.21 0.00	24.87 -0.48 0.00	22.07 -0.47 0.00	22.38 -0.32 0.00	21.40 -0.66 0.00	23.73 -0.46 0.00	26.95 -0.49 0.00	27.39 -1.35 0.00	27.04 -1.09 -0.06	26.58 -1.13 -0.21	27.73 -1.10 0.00	28.25 -1.09 0.00	28.84 -1.35 -0.15	30.01 -1.61 -0.05	30.07 -1.40 -0.43	30.79 -1.56 -0.51	33.21 -1.99 -0.89	34.59 -2.07 -1.00	33.69 -1.99 -0.78	32.52 -1.95 -0.78	30.55 -1.44 -0.03	27.56 -0.93 -0.20	26.21 -0.64 -0.12	24.78 -0.45 -0.22
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	28.18 1.57 0.00	26.92 1.57 0.00	23.86 1.31 0.00	23.90 1.20 0.00	23.39 1.32 0.00	25.36 1.16 0.00	28.63 1.18 0.00	30.75 2.01 0.00	30.86 2.08 -0.72	32.09 2.17 -2.41	30.96 2.13 0.00	31.42 2.08 0.00	34.31 2.22 -2.05	34.43 2.27 -0.59	38.59 2.14 -5.41	40.53 2.16 -6.53	48.12 2.50 -11.31	50.78 2.42 -12.71	46.68 2.44 -9.34	45.47 1.99 -9.78	36.54 1.89 -2.70	32.76 1.75 -2.71	30.11 1.79 -1.60	29.47 1.75 -2.72
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	28.45 1.84 0.00	27.15 1.80 0.00	24.06 1.51 0.00	24.13 1.43 0.00	23.61 1.54 0.00	25.55 1.35 0.00	28.85 1.40 0.00	31.01 2.27 0.00	31.11 2.33 -0.72	32.31 2.39 -2.41	31.19 2.36 0.00	31.60 2.26 0.00	34.58 2.49 -2.05	34.68 2.53 -0.59	38.87 2.42 -5.41	40.78 2.42 -6.53	48.30 2.68 -11.31	51.35 2.99 -12.71	47.07 2.83 -9.34	45.74 2.26 -9.78	36.77 2.11 -2.70	32.98 1.98 -2.71	30.33 2.00 -1.60	29.70 1.98 -2.72
PATROON__115KV_TB1 80586	27.28 0.67 0.00	26.01 0.66 0.00	23.13 0.59 0.00	23.22 0.52 0.00	22.66 0.60 0.00	24.80 0.60 0.00	28.13 0.69 0.00	29.72 0.98 0.00	30.00 1.01 -0.92	31.40 0.96 -2.93	29.84 1.01 0.00	30.34 1.00 0.00	33.09 1.17 -1.88	33.56 1.23 -0.76	37.88 1.24 -5.60	39.69 1.27 -6.58	47.04 1.34 -11.39	50.03 1.43 -12.95	47.21 1.40 -10.91	46.73 1.35 -11.69	38.99 1.31 -5.72	32.23 1.08 -2.86	29.47 0.99 -1.76	29.33 0.90 -3.42
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	26.85 0.24 0.00	25.33 -0.03 0.00	22.41 -0.14 0.00	22.74 0.05 0.00	21.80 -0.26 0.00	24.19 0.00 0.00	27.58 0.14 0.00	28.14 -0.60 0.00	27.38 -0.76 -0.07	26.93 -0.80 -0.22	28.51 -0.32 0.00	29.05 -0.29 0.00	29.43 -0.78 -0.17	30.68 -0.95 -0.06	30.67 -0.84 -0.47	31.41 -0.99 -0.56	34.00 -1.27 -0.96	35.42 -1.32 -1.09	34.46 -1.29 -0.85	33.23 -1.31 -0.85	31.41 -0.58 -0.04	27.95 -0.57 -0.22	26.49 -0.37 -0.13	24.90 -0.35 -0.24
PAWLING_115_KV_BK3_REV_LBMP_H 345028	28.37 1.76 0.00	27.10 1.75 0.00	24.04 1.49 0.00	24.08 1.38 0.00	23.50 1.43 0.00	25.67 1.48 0.00	29.04 1.59 0.00	30.92 2.18 0.00	31.07 2.27 -0.73	32.26 2.31 -2.44	31.13 2.31 0.00	31.57 2.23 0.00	34.69 2.61 -2.04	34.88 2.71 -0.60	39.25 2.79 -5.42	41.23 2.87 -6.53	49.01 3.40 -11.31	51.90 3.53 -12.72	47.76 3.42 -9.44	46.64 3.03 -9.91	37.40 2.68 -2.76	33.16 2.15 -2.72	30.37 2.03 -1.61	29.62 1.85 -2.76
PEEKSKILL____ 23653	28.13 1.52 0.00	26.85 1.50 0.00	23.88 1.33 0.00	23.92 1.22 0.00	23.34 1.28 0.00	25.48 1.28 0.00	28.87 1.43 0.00	30.67 1.93 0.00	30.71 1.94 -0.70	31.83 1.95 -2.37	30.81 1.99 0.00	31.24 1.91 0.00	34.10 2.04 -2.01	34.29 2.15 -0.58	38.46 2.11 -5.31	40.41 2.17 -6.41	47.99 2.57 -11.11	50.74 2.60 -12.48	46.59 2.51 -9.17	45.47 2.16 -9.61	36.56 1.95 -2.66	32.71 1.75 -2.66	30.01 1.71 -1.57	29.23 1.55 -2.67
PGE MADISON__WINDPWR 24146	28.66 2.05 0.00	27.28 1.93 0.00	24.13 1.58 0.00	24.40 1.70 0.00	23.65 1.59 0.00	26.18 1.98 0.00	30.06 2.61 0.00	31.16 2.41 0.00	30.47 2.25 -0.16	30.00 1.98 -0.51	30.90 2.08 0.00	31.83 2.49 0.00	32.74 2.31 -0.38	34.13 2.43 -0.13	34.68 2.57 -1.07	35.88 2.77 -1.27	39.63 3.12 -2.20	41.42 3.28 -2.49	40.30 3.46 -1.95	38.92 3.64 -1.57	35.46 3.10 -0.41	31.14 2.43 -0.41	28.98 2.01 -0.25	27.26 1.80 -0.45
PIERCEFIELD__HYD 23852	26.03 -0.59 0.00	24.74 -0.61 0.00	22.16 -0.38 0.00	22.31 -0.39 0.00	21.64 -0.42 0.00	23.66 -0.53 0.00	26.68 -0.77 0.00	27.82 -0.92 0.00	27.06 -1.01 0.00	26.46 -1.05 0.00	27.70 -1.12 0.00	28.31 -1.03 0.00	28.96 -1.08 0.00	30.49 -1.07 0.00	29.83 -1.21 0.00	30.63 -1.21 0.00	33.01 -1.30 0.00	34.30 -1.35 0.00	33.54 -1.36 0.00	32.55 -1.15 0.00	30.87 -1.09 0.00	27.28 -1.02 0.00	25.74 -0.99 0.00	24.41 -0.60 0.00
PINELAWN_CC_1 323563	31.72 2.61 -2.50	30.07 2.53 -2.18	24.82 2.28 0.00	24.72 2.02 0.00	24.23 2.16 0.00	26.51 2.30 -0.02	29.89 2.44 0.00	31.87 3.13 0.00	33.26 3.14 -2.05	35.26 3.11 -4.65	33.89 3.03 -2.04	36.62 2.93 -4.35	39.55 3.07 -6.44	41.72 2.94 -7.21	39.83 2.85 -5.94	43.95 2.90 -9.22	54.18 3.26 -16.61	56.56 3.07 -17.84	53.79 3.21 -15.68	47.72 2.56 -11.46	40.01 2.78 -5.28	35.13 2.69 -4.15	34.72 2.70 -5.29	34.17 2.48 -6.68
PJM_GEN_HTP_PROXY 323702	28.37 1.76 0.00	27.08 1.72 0.00	24.13 1.58 0.00	24.15 1.45 0.00	23.56 1.50 0.00	25.67 1.48 0.00	29.04 1.59 0.00	30.98 2.24 0.00	31.06 2.27 -0.72	32.25 2.34 -2.41	31.13 2.31 0.00	31.57 2.23 0.00	34.43 2.34 -2.05	34.59 2.43 -0.59	38.78 2.33 -5.41	40.72 2.36 -6.53	48.43 2.81 -11.31	51.18 2.82 -12.71	46.97 2.72 -9.34	45.78 2.72 -9.78	36.73 2.08 -2.70	32.95 1.95 -2.71	30.27 1.95 -1.60	29.53 1.80 -2.72
PJM_GEN_KEystone 24065	27.22 0.61 0.00	25.96 0.61 0.00	22.98 0.43 0.00	23.15 0.45 0.00	22.48 0.42 0.00	24.73 0.53 0.00	28.02 0.58 0.00	29.29 0.54 0.00	29.03 0.56 -0.40	29.40 0.55 -1.34	29.49 0.66 0.00	29.96 0.62 0.00	31.72 0.54 -1.14	32.40 0.50 -0.33	34.64 0.59 -3.01	36.04 0.57 -3.63	41.25 0.65 -6.29	43.33 0.61 -7.07	40.70 0.59 -5.21	39.50 0.37 -5.43	33.81 0.41 -1.44	30.33 0.54 -1.50	28.23 0.62 -0.88	27.02 0.50 -1.51
PJM_GEN_NEPTUNE_PROXY 323594	31.16 2.05 -2.50	29.53 2.00 -2.18	24.37 1.83 0.00	24.28 1.59 0.00	23.79 1.72 0.00	26.00 1.79 -0.02	29.34 1.89 0.00	31.24 2.50 0.00	32.62 2.50 -2.05	34.66 2.50 -4.65	33.29 2.42 -2.04	34.74 2.32 -3.09	38.65 2.46 -6.14	38.28 2.56 -4.16	38.94 2.48 -5.41	41.37 2.55 -6.99	48.61 2.98 -11.31	51.19 2.82 -12.72	47.27 2.96 -9.41	45.85 2.36 -9.79	38.65 2.36 -4.33	34.07 2.09 -3.68	33.65 2.19 -4.73	33.06 2.00 -6.06
PJM_GEN_VFT_PROXY 323633	28.23 1.62 0.00	26.95 1.60 0.00	24.01 1.46 0.00	24.03 1.34 0.00	23.45 1.39 0.00	25.55 1.35 0.00	28.90 1.45 0.00	30.90 2.16 0.00	31.00 2.22 -0.72	32.17 2.26 -2.41	31.02 2.19 0.00	31.42 2.08 0.00	34.22 2.13 -2.05	34.33 2.18 -0.59	38.53 2.08 -5.41	40.46 2.10 -6.53	48.16 2.54 -11.31	50.90 2.53 -12.71	46.68 2.44 -9.34	45.51 2.02 -9.78	35.86 1.79 -2.12	32.79 1.78 -2.71	30.14 1.82 -1.60	29.40 1.68 -2.72
PLATSBURG_115KV_PMLD1 355749	26.93 0.32 0.00	25.55 0.20 0.00	22.98 0.43 0.00	23.15 0.45 0.00	22.42 0.35 0.00	24.65 0.46 0.00	27.91 0.47 0.00	29.20 0.46 0.00	28.52 0.45 0.00	27.97 0.47 0.00	29.32 0.49 0.00	29.90 0.56 0.00	30.55 0.51 0.00	32.20 0.63 0.00	31.41 0.37 0.00	32.25 0.41 0.00	34.69 0.38 0.00	35.55 -0.11 0.00	34.76 -0.14 0.00	33.77 0.07 0.00	32.18 0.22 0.00	28.86 0.57 0.00	27.18 0.45 0.00	25.48 0.48 0.00

PLEASANTVLY___LBMP 24000	27.81 1.20 0.00	26.62 1.27 0.00	23.65 1.10 0.00	23.72 1.02 0.00	23.17 1.10 0.00	25.28 1.09 0.00	28.57 1.13 0.00	30.41 1.67 0.00	30.52 1.68 -0.77	31.80 1.71 -2.59	30.56 1.73 0.00	30.98 1.64 0.00	34.03 1.77 -2.22	34.03 1.83 -0.63	38.68 1.80 -5.84	40.73 1.85 -7.05	48.68 2.16 -12.21	51.58 2.21 -13.72	47.07 2.13 -10.04	46.05 1.85 -10.50	36.55 1.69 -2.90	32.74 1.53 -2.92	29.94 1.50 -1.72	29.29 1.38 -2.91
PLSNTVLE_13_KV_13.8KVDIST 80602	28.10 1.49 0.00	26.87 1.52 0.00	23.90 1.35 0.00	23.94 1.25 0.00	23.41 1.35 0.00	25.52 1.33 0.00	28.85 1.40 0.00	30.75 2.01 0.00	30.90 2.11 -0.72	32.06 2.12 -2.44	30.99 2.16 0.00	31.42 2.08 0.00	34.31 2.19 -2.07	34.47 2.30 -0.60	38.78 2.27 -5.48	40.74 2.29 -6.61	48.50 2.74 -11.45	51.30 2.78 -12.87	47.04 2.69 -9.46	45.93 2.33 -9.90	36.80 2.11 -2.74	32.93 1.90 -2.74	30.16 1.82 -1.62	29.43 1.68 -2.75
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	28.10 1.49 0.00	26.87 1.52 0.00	23.90 1.35 0.00	23.94 1.25 0.00	23.41 1.35 0.00	25.52 1.33 0.00	28.85 1.40 0.00	30.75 2.01 0.00	30.90 2.11 -0.72	32.06 2.12 -2.44	30.99 2.16 0.00	31.42 2.08 0.00	34.31 2.19 -2.07	34.47 2.30 -0.60	38.78 2.27 -5.48	40.74 2.29 -6.61	48.50 2.74 -11.45	51.30 2.78 -12.87	47.04 2.69 -9.46	45.93 2.33 -9.90	36.80 2.11 -2.74	32.93 1.90 -2.74	30.16 1.82 -1.62	29.43 1.68 -2.75
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	28.02 1.41 0.00	26.80 1.45 0.00	23.81 1.26 0.00	23.88 1.18 0.00	23.32 1.26 0.00	25.43 1.23 0.00	28.74 1.29 0.00	30.58 1.84 0.00	30.55 1.74 -0.74	31.67 1.76 -2.40	30.56 1.73 0.00	31.04 1.70 0.00	33.61 1.86 -1.70	34.10 1.93 -0.61	37.84 1.96 -4.85	39.59 2.01 -5.75	46.64 2.37 -9.96	49.35 2.42 -11.27	46.33 2.37 -9.06	45.40 2.06 -9.65	36.71 1.92 -2.84	32.43 1.67 -2.46	29.90 1.68 -1.49	29.31 1.53 -2.78
POLETTI____ 23519	28.15 1.54 0.00	26.97 1.62 0.00	23.97 1.42 0.00	24.03 1.34 0.00	23.50 1.43 0.00	25.55 1.35 0.00	28.82 1.37 0.00	30.90 2.16 0.00	31.03 2.25 -0.72	32.20 2.28 -2.41	31.07 2.25 0.00	31.51 2.17 0.00	34.37 2.28 -2.05	34.49 2.34 -0.59	38.69 2.23 -5.41	40.62 2.26 -6.53	48.36 2.74 -11.31	51.11 2.75 -12.71	46.89 2.65 -9.34	45.71 2.22 -9.78	36.67 2.01 -2.70	32.90 1.90 -2.71	30.22 1.90 -1.60	29.50 1.78 -2.72
POMONA___ESR 323819	28.07 1.46 0.00	26.80 1.44 0.00	23.83 1.28 0.00	23.88 1.18 0.00	23.32 1.26 0.00	25.45 1.26 0.00	28.82 1.37 0.00	30.61 1.87 0.00	30.59 1.85 -0.67	31.64 1.87 -2.26	30.70 1.87 0.00	31.16 1.82 0.00	33.88 1.92 -1.92	34.11 1.99 -0.55	38.04 1.93 -5.07	39.93 1.97 -6.11	47.27 2.37 -10.59	49.95 2.39 -11.91	45.97 2.30 -8.77	44.85 1.95 -9.19	36.31 1.82 -2.54	32.50 1.67 -2.54	29.88 1.66 -1.50	29.06 1.50 -2.56
PORT_JEFF_3 23555	31.94 2.82 -2.51	30.26 2.71 -2.19	25.02 2.46 -0.01	24.87 2.18 0.00	24.38 2.32 0.00	26.70 2.49 -0.02	30.03 2.58 0.00	32.04 3.30 0.00	33.29 3.17 -2.05	35.29 3.13 -4.65	33.95 3.09 -2.04	37.92 2.88 -5.70	40.71 2.97 -7.70	54.18 3.06 -19.55	47.59 2.92 -13.63	76.95 2.96 -42.15	132.33 3.36 -94.66	132.33 3.21 -93.47	136.34 3.35 -98.09	72.61 2.76 -36.15	45.41 2.84 -10.62	40.88 2.57 -10.01	37.10 2.75 -7.62	36.85 2.58 -9.27
PORT_JEFF_4 23616	31.94 2.82 -2.51	30.26 2.71 -2.19	25.02 2.46 -0.01	24.87 2.18 0.00	24.38 2.32 0.00	26.70 2.49 -0.02	30.03 2.58 0.00	32.04 3.30 0.00	33.29 3.17 -2.05	35.29 3.13 -4.65	33.95 3.09 -2.04	37.92 2.88 -5.70	40.71 2.97 -7.70	54.18 3.06 -19.55	47.59 2.92 -13.63	76.95 2.96 -42.15	132.33 3.36 -94.66	132.33 3.21 -93.47	136.34 3.35 -98.09	72.61 2.76 -36.15	45.41 2.84 -10.62	40.88 2.57 -10.01	37.10 2.75 -7.62	36.85 2.58 -9.27
PORT_JEFF_IC 23713	32.03 2.90 -2.51	30.36 2.81 -2.19	25.09 2.52 -0.01	24.94 2.25 0.00	24.45 2.38 0.00	26.77 2.56 -0.02	30.11 2.66 0.00	32.13 3.39 0.00	33.26 3.14 -2.05	35.26 3.11 -4.65	33.92 3.05 -2.04	37.72 2.88 -5.51	41.02 3.15 -7.83	55.66 3.28 -20.81	48.93 2.98 -14.91	82.51 3.06 -47.62	145.40 3.46 -107.63	145.01 3.32 -106.04	150.28 3.49 -111.89	76.81 2.86 -40.25	46.19 2.91 -11.33	42.03 2.74 -10.99	37.47 2.89 -7.86	37.22 2.68 -9.53
PPL PILGRIM_ST_GT1 24216	32.01 2.90 -2.50	30.32 2.79 -2.18	25.07 2.52 0.00	24.94 2.25 0.00	24.47 2.41 0.00	26.80 2.59 -0.02	30.17 2.72 0.00	32.19 3.45 0.00	33.55 3.42 -2.05	35.53 3.38 -4.65	34.18 3.31 -2.04	44.49 3.17 -11.99	41.15 3.12 -7.98	57.98 3.25 -23.16	41.23 3.10 -7.09	49.12 3.12 -14.16	66.08 3.46 -28.31	68.12 3.28 -29.19	66.39 3.46 -28.03	51.66 2.80 -15.16	44.39 3.07 -9.36	36.01 2.69 -5.03	37.84 2.86 -8.25	37.56 2.60 -9.95
PPL PILGRIM_ST_GT2 24217	32.01 2.90 -2.50	30.32 2.79 -2.18	25.07 2.52 0.00	24.94 2.25 0.00	24.47 2.41 0.00	26.80 2.59 -0.02	30.17 2.72 0.00	32.19 3.45 0.00	33.55 3.42 -2.05	35.53 3.38 -4.65	34.18 3.31 -2.04	44.49 3.17 -11.99	41.15 3.12 -7.98	57.98 3.25 -23.16	41.23 3.10 -7.09	49.12 3.12 -14.16	66.08 3.46 -28.31	68.12 3.28 -29.19	66.39 3.46 -28.03	51.66 2.80 -15.16	44.39 3.07 -9.36	36.01 2.69 -5.03	37.84 2.86 -8.25	37.56 2.60 -9.95
PPL_SHRM_GT3 24213	32.34 3.22 -2.51	30.66 3.12 -2.19	25.38 2.82 -0.01	25.19 2.50 0.00	24.71 2.65 0.00	27.09 2.88 -0.02	30.47 3.02 0.00	32.50 3.76 0.00	33.83 3.70 -2.05	35.81 3.66 -4.65	34.50 3.63 -2.04	38.54 3.49 -5.71	41.39 3.63 -7.72	55.12 3.75 -19.79	48.60 3.75 -13.81	78.60 3.85 -42.91	135.16 4.39 -96.46	135.14 4.28 -95.21	139.35 4.43 -100.02	74.16 3.74 -36.72	46.42 3.74 -10.73	41.70 3.25 -10.15	37.63 3.23 -7.66	37.32 3.00 -9.32
PPL_SHRM_GT4 24214	32.34 3.22 -2.51	30.66 3.12 -2.19	25.38 2.82 -0.01	25.19 2.50 0.00	24.71 2.65 0.00	27.09 2.88 -0.02	30.47 3.02 0.00	32.50 3.76 0.00	33.83 3.70 -2.05	35.81 3.66 -4.65	34.50 3.63 -2.04	38.54 3.49 -5.71	41.39 3.63 -7.72	55.12 3.75 -19.79	48.60 3.75 -13.81	78.60 3.85 -42.91	135.16 4.39 -96.46	135.14 4.28 -95.21	139.35 4.43 -100.02	74.16 3.74 -36.72	46.42 3.74 -10.73	41.70 3.25 -10.15	37.63 3.23 -7.66	37.32 3.00 -9.32
PROJECT___ORANGE 1 24174	26.58 -0.03 0.00	25.27 -0.08 0.00	22.41 -0.14 0.00	22.65 -0.05 0.00	21.93 -0.13 0.00	24.15 -0.05 0.00	27.50 0.05 0.00	28.51 -0.23 0.00	27.80 -0.31 -0.04	27.34 -0.30 -0.13	28.54 -0.29 0.00	29.07 -0.26 0.00	29.81 -0.33 -0.10	31.22 -0.38 -0.03	31.04 -0.28 -0.28	31.88 -0.29 -0.33	34.54 -0.34 -0.58	35.98 -0.32 -0.65	35.10 -0.31 -0.51	33.94 -0.27 -0.51	31.72 -0.26 -0.02	28.23 -0.20 -0.13	26.65 -0.16 -0.08	25.00 -0.15 -0.14
PROJECT___ORANGE 2 24166	26.58 -0.03 0.00	25.27 -0.08 0.00	22.41 -0.14 0.00	22.65 -0.05 0.00	21.93 -0.13 0.00	24.15 -0.05 0.00	27.50 0.05 0.00	28.51 -0.23 0.00	27.80 -0.31 -0.04	27.34 -0.30 -0.13	28.54 -0.29 0.00	29.07 -0.26 0.00	29.81 -0.33 -0.10	31.22 -0.38 -0.03	31.04 -0.28 -0.28	31.88 -0.29 -0.33	34.54 -0.34 -0.58	35.98 -0.32 -0.65	35.10 -0.31 -0.51	33.94 -0.27 -0.51	31.72 -0.26 -0.02	28.23 -0.20 -0.13	26.65 -0.16 -0.08	25.00 -0.15 -0.14

PUCKETT___SOLAR 323809	27.36 0.74 0.00	26.06 0.71 0.00	23.07 0.52 0.00	23.31 0.61 0.00	22.62 0.55 0.00	24.92 0.73 0.00	28.38 0.93 0.00	29.49 0.75 0.00	28.88 0.67 -0.14	28.53 0.55 -0.47	29.43 0.61 0.00	30.01 0.68 0.00	30.96 0.57 -0.35	32.26 0.57 -0.12	32.71 0.68 -0.99	33.77 0.76 -1.18	37.24 0.89 -2.04	38.88 0.93 -2.30	37.75 1.05 -1.80	36.40 1.08 -1.62	33.34 0.96 -0.43	29.54 0.82 -0.42	27.70 0.72 -0.25	26.09 0.63 -0.46
PYRITES___HYD 24023	26.27 -0.35 0.00	24.97 -0.38 0.00	22.37 -0.18 0.00	22.54 -0.16 0.00	21.87 -0.20 0.00	23.95 -0.24 0.00	27.09 -0.36 0.00	28.28 -0.46 0.00	27.51 -0.56 0.00	26.90 -0.61 0.00	28.13 -0.69 0.00	28.84 -0.50 0.00	29.50 -0.54 0.00	31.06 -0.51 0.00	30.39 -0.65 0.00	31.20 -0.64 0.00	33.62 -0.69 0.00	34.98 -0.68 0.00	34.24 -0.66 0.00	33.23 -0.47 0.00	31.44 -0.51 0.00	27.76 -0.54 0.00	26.14 -0.59 0.00	24.68 -0.33 0.00
QUAKERRD_115KV_BK1 80622	27.04 0.43 0.00	25.63 0.28 0.00	22.75 0.20 0.00	23.06 0.36 0.00	22.20 0.13 0.00	24.51 0.31 0.00	27.91 0.47 0.00	28.83 0.09 0.00	28.34 0.22 -0.05	27.84 0.17 -0.17	29.00 0.17 0.00	29.54 0.21 0.00	30.23 0.06 -0.13	31.64 0.03 -0.04	31.48 0.09 -0.35	32.35 0.10 -0.42	34.97 -0.07 -0.72	36.51 0.04 -0.82	35.58 0.03 -0.64	34.40 0.07 -0.64	32.24 0.26 -0.03	28.80 0.34 -0.17	27.20 0.37 -0.10	25.54 0.35 -0.18
QUEENSBRY_115KV_TB8 356137	28.23 1.62 0.00	26.90 1.55 0.00	23.92 1.38 0.00	24.01 1.32 0.00	23.43 1.37 0.00	25.74 1.55 0.00	29.26 1.81 0.00	30.87 2.13 0.00	31.22 2.22 -0.94	32.51 2.04 -2.97	31.07 2.25 0.00	31.63 2.29 0.00	34.32 2.40 -1.87	34.83 2.49 -0.77	39.14 2.48 -5.62	40.91 2.48 -6.59	48.06 2.33 -11.42	51.28 2.64 -12.99	48.58 2.65 -11.03	48.19 2.66 -11.82	41.96 2.59 -7.42	33.40 2.24 -2.87	30.42 1.92 -1.77	30.48 2.00 -3.47
RAMAPO___LBMP 323565	27.84 1.22 0.00	26.62 1.27 0.00	23.65 1.10 0.00	23.72 1.02 0.00	23.19 1.13 0.00	25.28 1.09 0.00	28.63 1.18 0.00	30.46 1.72 0.00	30.50 1.77 -0.67	31.52 1.76 -2.25	30.61 1.79 0.00	31.04 1.70 0.00	33.75 1.80 -1.91	34.01 1.89 -0.55	37.94 1.86 -5.04	39.79 1.88 -6.08	47.10 2.26 -10.53	49.77 2.28 -11.84	45.81 2.20 -8.72	44.69 1.85 -9.14	36.20 1.73 -2.52	32.40 1.58 -2.53	29.77 1.55 -1.49	28.95 1.40 -2.54
RANKINE____ 23646	27.12 0.51 0.00	25.55 0.20 0.00	22.64 0.09 0.00	22.95 0.25 0.00	21.98 -0.09 0.00	24.39 0.19 0.00	27.75 0.30 0.00	28.31 -0.43 0.00	27.77 -0.36 -0.07	27.31 -0.41 -0.22	28.68 -0.14 0.00	29.22 -0.12 0.00	29.75 -0.45 -0.16	30.99 -0.63 -0.06	31.03 -0.47 -0.46	31.78 -0.60 -0.55	34.33 -0.93 -0.95	35.80 -0.93 -1.07	34.83 -0.91 -0.84	33.62 -0.91 -0.83	31.64 -0.35 -0.04	28.34 -0.17 -0.22	26.88 0.03 -0.13	25.34 0.10 -0.24
RAVENSWOOD_GT2_1 24244	28.15 1.54 0.00	26.97 1.62 0.00	23.97 1.42 0.00	24.03 1.34 0.00	23.50 1.43 0.00	25.55 1.35 0.00	28.85 1.40 0.00	30.90 2.16 0.00	31.00 2.22 -0.72	32.17 2.26 -2.41	31.07 2.25 0.00	31.51 2.17 0.00	34.37 2.28 -2.05	34.52 2.37 -0.59	38.72 2.27 -5.41	40.66 2.29 -6.53	48.36 2.74 -11.31	51.08 2.71 -12.71	46.89 2.65 -9.34	45.71 2.22 -9.78	36.67 2.01 -2.70	32.90 1.90 -2.71	30.22 1.90 -1.60	29.50 1.78 -2.72
RAVENSWOOD_GT2_2 24245	28.15 1.54 0.00	26.97 1.62 0.00	23.97 1.42 0.00	24.03 1.34 0.00	23.50 1.43 0.00	25.55 1.35 0.00	28.85 1.40 0.00	30.90 2.16 0.00	31.00 2.22 -0.72	32.17 2.26 -2.41	31.07 2.25 0.00	31.51 2.17 0.00	34.37 2.28 -2.05	34.52 2.37 -0.59	38.72 2.27 -5.41	40.66 2.29 -6.53	48.36 2.74 -11.31	51.08 2.71 -12.71	46.89 2.65 -9.34	45.71 2.22 -9.78	36.67 2.01 -2.70	32.90 1.90 -2.71	30.22 1.90 -1.60	29.50 1.78 -2.72
RAVENSWOOD_GT2_3 24246	28.18 1.57 0.00	27.00 1.65 0.00	23.99 1.44 0.00	24.03 1.34 0.00	23.50 1.43 0.00	25.57 1.38 0.00	28.85 1.40 0.00	30.90 2.16 0.00	31.03 2.25 -0.72	32.20 2.28 -2.41	31.10 2.28 0.00	31.54 2.20 0.00	34.40 2.31 -2.05	34.52 2.37 -0.59	38.75 2.30 -5.41	40.66 2.29 -6.53	48.36 2.74 -11.31	51.11 2.75 -12.71	46.89 2.65 -9.34	45.74 2.26 -9.78	36.70 2.05 -2.70	32.93 1.92 -2.71	30.25 1.92 -1.60	29.52 1.80 -2.72
RAVENSWOOD_GT2_4 24247	28.18 1.57 0.00	27.00 1.65 0.00	23.99 1.44 0.00	24.03 1.34 0.00	23.50 1.43 0.00	25.57 1.38 0.00	28.85 1.40 0.00	30.90 2.16 0.00	31.03 2.25 -0.72	32.20 2.28 -2.41	31.10 2.28 0.00	31.54 2.20 0.00	34.40 2.31 -2.05	34.52 2.37 -0.59	38.75 2.30 -5.41	40.66 2.29 -6.53	48.36 2.74 -11.31	51.11 2.75 -12.71	46.89 2.65 -9.34	45.74 2.26 -9.78	36.70 2.05 -2.70	32.93 1.92 -2.71	30.25 1.92 -1.60	29.52 1.80 -2.72
RAVENSWOOD_GT3_1 24248	28.15 1.54 0.00	26.97 1.62 0.00	23.97 1.42 0.00	24.03 1.34 0.00	23.50 1.43 0.00	25.55 1.35 0.00	28.85 1.40 0.00	30.90 2.16 0.00	31.00 2.22 -0.72	32.17 2.26 -2.41	31.07 2.25 0.00	31.51 2.17 0.00	34.37 2.28 -2.05	34.52 2.37 -0.59	38.72 2.27 -5.41	40.66 2.29 -6.53	48.36 2.74 -11.31	51.08 2.71 -12.71	46.89 2.65 -9.34	45.71 2.22 -9.78	36.70 2.05 -2.70	32.90 1.90 -2.71	30.22 1.90 -1.60	29.50 1.78 -2.72
RAVENSWOOD_GT3_2 24249	28.15 1.54 0.00	26.97 1.62 0.00	23.97 1.42 0.00	24.03 1.34 0.00	23.50 1.43 0.00	25.55 1.35 0.00	28.85 1.40 0.00	30.90 2.16 0.00	31.00 2.22 -0.72	32.17 2.26 -2.41	31.07 2.25 0.00	31.51 2.17 0.00	34.37 2.28 -2.05	34.52 2.37 -0.59	38.72 2.27 -5.41	40.66 2.29 -6.53	48.36 2.74 -11.31	51.08 2.71 -12.71	46.89 2.65 -9.34	45.71 2.22 -9.78	36.70 2.05 -2.70	32.90 1.90 -2.71	30.22 1.90 -1.60	29.50 1.78 -2.72
RAVENSWOOD_GT3_3 24250	28.21 1.60 0.00	27.02 1.67 0.00	24.01 1.47 0.00	24.06 1.36 0.00	23.52 1.46 0.00	25.60 1.40 0.00	28.87 1.43 0.00	30.95 2.21 0.00	31.06 2.27 -0.72	32.23 2.31 -2.41	31.13 2.31 0.00	31.57 2.23 0.00	34.43 2.34 -2.05	34.59 2.43 -0.59	38.78 2.33 -5.41	40.72 2.36 -6.53	48.43 2.81 -11.31	51.18 2.82 -12.71	46.96 2.72 -9.34	45.78 2.29 -9.78	36.73 2.08 -2.70	32.96 1.95 -2.71	30.28 1.95 -1.60	29.55 1.83 -2.72
RAVENSWOOD_GT3_4 24251	28.21 1.60 0.00	27.02 1.67 0.00	24.01 1.47 0.00	24.06 1.36 0.00	23.52 1.46 0.00	25.60 1.40 0.00	28.87 1.43 0.00	30.95 2.21 0.00	31.06 2.27 -0.72	32.23 2.31 -2.41	31.13 2.31 0.00	31.57 2.23 0.00	34.43 2.34 -2.05	34.59 2.43 -0.59	38.78 2.33 -5.41	40.72 2.36 -6.53	48.43 2.81 -11.31	51.18 2.82 -12.71	46.96 2.72 -9.34	45.78 2.29 -9.78	36.73 2.08 -2.70	32.96 1.95 -2.71	30.28 1.95 -1.60	29.55 1.83 -2.72
RAVENSWOOD_GT_1 23729	28.37 1.76 0.00	27.05 1.70 0.00	24.13 1.58 0.00	24.13 1.43 0.00	23.56 1.50 0.00	25.60 1.40 0.00	28.93 1.48 0.00	30.92 2.18 0.00	31.03 2.25 -0.72	32.23 2.31 -2.41	31.13 2.31 0.00	31.57 2.23 0.00	34.46 2.37 -2.05	34.62 2.46 -0.59	38.78 2.33 -5.41	40.72 2.36 -6.53	48.33 2.71 -11.31	51.00 2.64 -12.71	46.86 2.62 -9.34	45.64 2.16 -9.78	36.73 2.08 -2.70	32.93 1.93 -2.71	30.22 1.90 -1.60	29.53 1.80 -2.72

RAVENSWOOD_GT_10 24258	28.15 1.54 0.00	26.97 1.62 0.00	23.99 1.44 0.00	24.03 1.34 0.00	23.50 1.43 0.00	25.57 1.38 0.00	28.85 1.40 0.00	30.90 2.16 0.00	31.00 2.22 -0.72	32.17 2.26 -2.41	31.07 2.25 0.00	31.51 2.17 0.00	34.37 2.28 -2.05	34.52 2.37 -0.59	38.72 2.27 -5.41	40.66 2.29 -6.53	48.36 2.74 -11.31	51.11 2.75 -12.71	46.89 2.65 -9.34	45.71 2.22 -9.78	36.70 2.05 -2.70	32.90 1.90 -2.71	30.22 1.90 -1.60	29.50 1.78 -2.72
RAVENSWOOD_GT_11 24259	28.34 1.73 0.00	27.05 1.70 0.00	24.10 1.55 0.00	24.13 1.43 0.00	23.56 1.50 0.00	25.65 1.45 0.00	28.98 1.54 0.00	30.92 2.18 0.00	31.00 2.22 -0.72	32.17 2.26 -2.41	31.08 2.25 0.00	31.51 2.17 0.00	34.37 2.28 -2.05	34.49 2.34 -0.59	38.72 2.26 -5.41	40.66 2.29 -6.53	48.37 2.75 -11.31	51.11 2.75 -12.71	46.89 2.65 -9.34	45.71 2.22 -9.78	36.67 2.01 -2.70	32.90 1.90 -2.71	30.22 1.90 -1.60	29.50 1.78 -2.72
RAVENSWOOD_GT_4 24252	28.15 1.54 0.00	27.00 1.65 0.00	23.99 1.44 0.00	24.03 1.34 0.00	23.50 1.43 0.00	25.57 1.38 0.00	28.87 1.43 0.00	30.90 2.16 0.00	31.03 2.25 -0.72	32.17 2.26 -2.41	31.10 2.28 0.00	31.51 2.17 0.00	34.37 2.28 -2.05	34.49 2.34 -0.59	38.72 2.27 -5.41	40.66 2.29 -6.53	48.40 2.78 -11.31	51.14 2.78 -12.71	46.93 2.69 -9.34	45.74 2.26 -9.78	36.70 2.05 -2.70	32.90 1.90 -2.71	30.25 1.92 -1.60	29.50 1.78 -2.72
RAVENSWOOD_GT_5 24254	28.15 1.54 0.00	27.00 1.65 0.00	23.99 1.44 0.00	24.03 1.34 0.00	23.50 1.43 0.00	25.57 1.38 0.00	28.87 1.43 0.00	30.90 2.16 0.00	31.03 2.25 -0.72	32.17 2.26 -2.41	31.10 2.28 0.00	31.51 2.17 0.00	34.37 2.28 -2.05	34.49 2.34 -0.59	38.72 2.27 -5.41	40.66 2.29 -6.53	48.40 2.78 -11.31	51.14 2.78 -12.71	46.93 2.69 -9.34	45.74 2.26 -9.78	36.70 2.05 -2.70	32.90 1.90 -2.71	30.25 1.92 -1.60	29.50 1.78 -2.72
RAVENSWOOD_GT_6 24253	28.15 1.54 0.00	27.00 1.65 0.00	23.99 1.44 0.00	24.03 1.34 0.00	23.50 1.43 0.00	25.57 1.38 0.00	28.87 1.43 0.00	30.90 2.16 0.00	31.03 2.25 -0.72	32.17 2.26 -2.41	31.10 2.28 0.00	31.51 2.17 0.00	34.37 2.28 -2.05	34.49 2.34 -0.59	38.72 2.27 -5.41	40.66 2.29 -6.53	48.40 2.78 -11.31	51.14 2.78 -12.71	46.93 2.69 -9.34	45.74 2.26 -9.78	36.70 2.05 -2.70	32.90 1.90 -2.71	30.25 1.92 -1.60	29.50 1.78 -2.72
RAVENSWOOD_GT_7 24255	28.15 1.54 0.00	27.00 1.65 0.00	23.99 1.44 0.00	24.03 1.34 0.00	23.50 1.43 0.00	25.57 1.38 0.00	28.87 1.43 0.00	30.90 2.16 0.00	31.03 2.25 -0.72	32.17 2.26 -2.41	31.10 2.28 0.00	31.51 2.17 0.00	34.37 2.28 -2.05	34.49 2.34 -0.59	38.72 2.27 -5.41	40.66 2.29 -6.53	48.40 2.78 -11.31	51.14 2.78 -12.71	46.93 2.69 -9.34	45.74 2.26 -9.78	36.70 2.05 -2.70	32.90 1.90 -2.71	30.25 1.92 -1.60	29.50 1.78 -2.72
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	28.15 1.54 0.00	26.97 1.62 0.00	23.99 1.44 0.00	24.03 1.34 0.00	23.50 1.43 0.00	25.57 1.38 0.00	28.85 1.40 0.00	30.90 2.16 0.00	31.00 2.22 -0.72	32.17 2.26 -2.41	31.07 2.25 0.00	31.51 2.17 0.00	34.37 2.28 -2.05	34.52 2.37 -0.59	38.72 2.27 -5.41	40.66 2.29 -6.53	48.36 2.74 -11.31	51.11 2.75 -12.71	46.89 2.65 -9.34	45.71 2.22 -9.78	36.70 2.05 -2.70	32.90 1.90 -2.71	30.22 1.90 -1.60	29.50 1.78 -2.72
RAVENSWOOD_GT_9 24257	28.15 1.54 0.00	26.97 1.62 0.00	23.99 1.44 0.00	24.03 1.34 0.00	23.50 1.43 0.00	25.57 1.38 0.00	28.85 1.40 0.00	30.90 2.16 0.00	31.00 2.22 -0.72	32.17 2.26 -2.41	31.07 2.25 0.00	31.51 2.17 0.00	34.37 2.28 -2.05	34.52 2.37 -0.59	38.72 2.27 -5.41	40.66 2.29 -6.53	48.36 2.74 -11.31	51.11 2.75 -12.71	46.89 2.65 -9.34	45.71 2.22 -9.78	36.70 2.05 -2.70	32.90 1.90 -2.71	30.22 1.90 -1.60	29.50 1.78 -2.72
RAVENSWOOD___1 23533	28.37 1.76 0.00	27.05 1.70 0.00	24.10 1.55 0.00	24.10 1.41 0.00	23.54 1.48 0.00	25.57 1.38 0.00	28.90 1.45 0.00	30.90 2.16 0.00	31.03 2.25 -0.72	32.23 2.31 -2.41	31.10 2.28 0.00	31.57 2.23 0.00	34.46 2.37 -2.05	34.59 2.43 -0.59	38.75 2.30 -5.41	40.69 2.32 -6.53	48.30 2.68 -11.31	50.96 2.60 -12.71	46.82 2.58 -9.34	45.64 2.16 -9.78	36.70 2.05 -2.70	32.90 1.90 -2.71	30.22 1.90 -1.60	29.50 1.78 -2.72
RAVENSWOOD___2 23534	28.29 1.68 0.00	26.97 1.62 0.00	24.06 1.51 0.00	24.06 1.36 0.00	23.50 1.43 0.00	25.52 1.33 0.00	28.85 1.40 0.00	30.84 2.10 0.00	30.94 2.16 -0.72	32.14 2.23 -2.41	31.05 2.22 0.00	31.48 2.14 0.00	34.37 2.28 -2.05	34.53 2.37 -0.59	38.69 2.24 -5.41	40.62 2.26 -6.53	48.06 2.44 -11.31	50.64 2.28 -12.71	46.58 2.34 -9.34	45.40 1.92 -9.78	36.64 1.98 -2.70	32.84 1.84 -2.71	30.17 1.84 -1.60	29.45 1.72 -2.72
RAVENSWOOD___3 23535	28.34 1.73 0.00	27.05 1.70 0.00	24.10 1.55 0.00	24.13 1.43 0.00	23.56 1.50 0.00	25.65 1.45 0.00	28.98 1.54 0.00	30.92 2.18 0.00	31.00 2.22 -0.72	32.17 2.26 -2.41	31.10 2.28 0.00	31.51 2.17 0.00	34.37 2.28 -2.05	34.53 2.37 -0.59	38.72 2.26 -5.41	40.66 2.29 -6.53	48.37 2.75 -11.31	51.07 2.71 -12.71	46.89 2.65 -9.34	45.71 2.22 -9.78	36.67 2.01 -2.70	32.90 1.90 -2.71	30.22 1.90 -1.60	29.50 1.78 -2.72
RAVENSWOOD___4 23820	28.34 1.73 0.00	27.02 1.67 0.00	24.08 1.53 0.00	24.10 1.41 0.00	23.52 1.46 0.00	25.55 1.35 0.00	28.90 1.45 0.00	30.90 2.16 0.00	31.00 2.22 -0.72	32.20 2.28 -2.41	31.10 2.28 0.00	31.54 2.20 0.00	34.43 2.34 -2.05	34.56 2.40 -0.59	38.75 2.30 -5.41	40.66 2.29 -6.53	48.30 2.68 -11.31	50.93 2.57 -12.70	46.79 2.55 -9.34	45.61 2.12 -9.78	36.67 2.01 -2.70	32.87 1.87 -2.71	30.19 1.87 -1.60	29.47 1.75 -2.72
RCPL_TRUST___DRP 24196	28.23 1.62 0.00	27.02 1.67 0.00	24.04 1.49 0.00	24.08 1.38 0.00	23.54 1.48 0.00	25.62 1.43 0.00	28.93 1.48 0.00	31.01 2.27 0.00	31.11 2.33 -0.72	32.31 2.39 -2.41	31.22 2.39 0.00	31.66 2.32 0.00	34.49 2.40 -2.05	34.65 2.49 -0.59	38.84 2.39 -5.41	40.81 2.45 -6.53	48.54 2.92 -11.31	51.29 2.92 -12.71	47.07 2.83 -9.34	45.88 2.39 -9.78	36.80 2.14 -2.70	32.98 1.98 -2.71	30.33 2.00 -1.60	29.57 1.85 -2.72
RED___ROCHESTER 323720	27.22 0.61 0.00	25.88 0.53 0.00	22.86 0.32 0.00	23.22 0.52 0.00	22.40 0.33 0.00	24.73 0.53 0.00	28.10 0.66 0.00	29.03 0.29 0.00	28.60 0.48 -0.05	28.12 0.44 -0.17	29.29 0.46 0.00	29.84 0.50 0.00	30.47 0.30 -0.13	31.93 0.32 -0.04	31.77 0.37 -0.36	32.68 0.41 -0.43	35.29 0.24 -0.74	36.81 0.32 -0.84	35.91 0.35 -0.66	34.72 0.37 -0.65	32.56 0.58 -0.03	29.12 0.65 -0.17	27.52 0.69 -0.10	25.84 0.65 -0.19
REGAN___SOLAR 323812	29.11 2.50 0.00	27.61 2.26 0.00	24.49 1.94 0.00	24.65 1.95 0.00	24.07 2.01 0.00	26.47 2.27 0.00	30.08 2.64 0.00	31.50 2.76 0.00	31.76 2.75 -0.94	32.82 2.31 -3.00	31.25 2.42 0.00	31.69 2.35 0.00	34.65 2.64 -1.96	35.12 2.78 -0.78	39.81 2.98 -5.79	41.94 3.28 -6.82	49.69 3.57 -11.81	53.13 4.06 -13.42	50.29 4.19 -11.21	49.86 4.18 -11.98	43.60 3.96 -7.68	34.39 3.14 -2.95	31.34 2.81 -1.81	31.08 2.58 -3.50

RENSSELAER___COGEN 23796	27.25 0.64 0.00	25.96 0.61 0.00	23.11 0.56 0.00	23.19 0.50 0.00	22.62 0.55 0.00	24.75 0.56 0.00	28.08 0.63 0.00	29.60 0.86 0.00	29.85 0.87 -0.92	31.24 0.82 -2.91	29.69 0.86 0.00	30.16 0.82 0.00	32.88 0.96 -1.88	33.33 1.01 -0.76	37.64 1.02 -5.58	39.45 1.05 -6.56	46.80 1.13 -11.36	49.78 1.21 -12.91	46.95 1.19 -10.86	46.44 1.11 -11.63	38.16 1.05 -5.15	32.05 0.91 -2.85	29.31 0.83 -1.75	29.18 0.78 -3.40
REPUBLIC_115KV_BARTNBRK 55605	29.62 3.01 0.00	28.14 2.79 0.00	25.01 2.46 0.00	25.12 2.43 0.00	24.53 2.47 0.00	27.03 2.83 0.00	30.82 3.38 0.00	32.30 3.56 0.00	32.71 3.70 -0.94	33.88 3.41 -2.96	32.60 3.78 0.00	33.24 3.90 0.00	35.96 4.06 -1.87	36.57 4.23 -0.77	40.93 4.28 -5.61	42.78 4.36 -6.58	50.10 4.39 -11.40	53.50 4.88 -12.97	50.84 4.92 -11.02	50.44 4.92 -11.82	44.28 4.92 -7.40	35.24 4.07 -2.87	32.02 3.53 -1.77	32.00 3.53 -3.47
REVERE_CPPR_DRP 24186	27.38 0.77 0.00	26.06 0.71 0.00	23.16 0.61 0.00	23.35 0.66 0.00	22.66 0.60 0.00	24.94 0.75 0.00	28.46 1.02 0.00	29.69 0.95 0.00	28.96 0.87 -0.02	28.34 0.77 -0.06	29.63 0.81 0.00	30.37 1.03 0.00	31.08 0.99 -0.05	32.66 1.07 -0.02	32.28 1.12 -0.13	33.13 1.15 -0.15	35.84 1.27 -0.26	37.34 1.39 -0.30	36.60 1.47 -0.23	35.45 1.52 -0.23	33.18 1.21 -0.01	29.23 0.88 -0.06	27.43 0.67 -0.04	25.75 0.68 -0.07
REYNOLDS_115KV_TB3 80639	27.36 0.75 0.00	26.11 0.76 0.00	23.22 0.68 0.00	23.29 0.59 0.00	22.73 0.66 0.00	24.87 0.68 0.00	28.19 0.74 0.00	29.80 1.06 0.00	30.05 1.07 -0.92	31.45 1.05 -2.90	29.89 1.07 0.00	30.37 1.03 0.00	33.03 1.17 -1.82	33.55 1.23 -0.76	37.75 1.24 -5.47	39.50 1.24 -6.42	46.76 1.34 -11.11	49.73 1.43 -12.65	47.07 1.40 -10.77	46.57 1.31 -11.55	38.60 1.28 -5.37	32.17 1.08 -2.80	29.44 0.99 -1.73	29.33 0.93 -3.39
RIVERBAY____ 323610	28.45 1.84 0.00	27.15 1.80 0.00	24.06 1.51 0.00	24.13 1.43 0.00	23.61 1.54 0.00	25.55 1.35 0.00	28.85 1.40 0.00	31.01 2.27 0.00	31.11 2.33 -0.72	32.31 2.39 -2.41	31.19 2.36 0.00	31.60 2.26 0.00	34.58 2.49 -2.05	34.68 2.53 -0.59	38.87 2.42 -5.41	40.78 2.42 -6.53	48.30 2.68 -11.31	51.35 2.99 -12.71	47.07 2.83 -9.34	45.74 2.26 -9.78	36.77 2.11 -2.70	32.98 1.98 -2.71	30.33 2.00 -1.60	29.70 1.98 -2.72
RIVERSDE_115KV_TB3 55908	27.28 0.67 0.00	26.04 0.68 0.00	23.13 0.59 0.00	23.22 0.52 0.00	22.66 0.60 0.00	24.80 0.60 0.00	28.13 0.69 0.00	29.72 0.98 0.00	30.00 1.01 -0.92	31.38 0.96 -2.91	29.84 1.01 0.00	30.31 0.97 0.00	33.00 1.11 -1.85	33.49 1.17 -0.76	37.75 1.18 -5.54	39.55 1.21 -6.50	46.87 1.30 -11.26	49.81 1.35 -12.80	47.10 1.36 -10.84	46.56 1.25 -11.61	38.60 1.21 -5.43	32.14 1.02 -2.83	29.40 0.94 -1.74	29.29 0.88 -3.40
ROARING___BROOK_WT_PWR 323790	26.69 0.08 0.00	25.43 0.08 0.00	22.57 0.02 0.00	22.70 0.00 0.00	22.04 -0.02 0.00	24.15 -0.05 0.00	27.37 -0.08 0.00	28.63 -0.11 0.00	27.98 -0.08 0.00	27.45 -0.05 0.00	28.80 -0.03 0.00	29.31 -0.03 0.00	29.95 -0.09 0.00	31.44 -0.13 0.00	30.92 -0.12 0.00	31.74 -0.10 0.00	34.21 -0.10 0.00	35.58 -0.07 0.00	34.83 -0.07 0.00	33.57 -0.13 0.00	31.73 -0.22 0.00	28.01 -0.28 0.00	26.38 -0.35 0.00	24.66 -0.35 0.00
ROCHESRG_115KV_T4 355643	27.06 0.45 0.00	25.60 0.25 0.00	22.73 0.18 0.00	23.04 0.34 0.00	22.15 0.09 0.00	24.48 0.29 0.00	27.91 0.47 0.00	28.71 -0.03 0.00	28.29 0.17 -0.05	27.79 0.11 -0.17	28.94 0.12 0.00	29.49 0.15 0.00	30.14 -0.03 -0.13	31.55 -0.06 -0.04	31.43 0.03 -0.36	32.26 0.00 -0.43	34.84 -0.21 -0.74	36.38 -0.11 -0.83	35.45 -0.10 -0.65	34.25 -0.10 -0.65	32.14 0.16 -0.03	28.75 0.28 -0.17	27.20 0.37 -0.10	25.57 0.38 -0.18
ROCHESTER_9_IC 23652	27.20 0.59 0.00	25.73 0.38 0.00	22.84 0.29 0.00	23.17 0.48 0.00	22.26 0.20 0.00	24.61 0.41 0.00	28.08 0.63 0.00	28.91 0.17 0.00	28.46 0.34 -0.05	27.95 0.28 -0.17	29.11 0.29 0.00	29.69 0.35 0.00	30.35 0.18 -0.13	31.74 0.13 -0.04	31.62 0.22 -0.36	32.46 0.19 -0.43	35.05 0.00 -0.74	36.63 0.14 -0.84	35.70 0.14 -0.66	34.49 0.13 -0.65	32.36 0.38 -0.03	28.95 0.48 -0.17	27.39 0.56 -0.10	25.72 0.53 -0.19
ROCKVIEW_13_KV_LD 356306	28.23 1.62 0.00	27.00 1.65 0.00	24.01 1.47 0.00	24.03 1.34 0.00	23.52 1.46 0.00	25.62 1.43 0.00	28.98 1.54 0.00	30.92 2.18 0.00	31.06 2.27 -0.72	32.23 2.31 -2.41	31.16 2.33 0.00	31.63 2.29 0.00	34.49 2.40 -2.05	34.68 2.53 -0.59	38.93 2.48 -5.41	40.88 2.52 -6.53	48.60 2.98 -11.31	51.39 3.03 -12.71	47.17 2.93 -9.34	46.01 2.53 -9.78	36.96 2.30 -2.70	33.07 2.07 -2.71	30.33 2.00 -1.60	29.55 1.83 -2.72
ROME____115KV_TB2 80656	27.38 0.77 0.00	26.06 0.71 0.00	23.16 0.61 0.00	23.35 0.66 0.00	22.66 0.60 0.00	24.94 0.75 0.00	28.46 1.02 0.00	29.69 0.95 0.00	28.96 0.87 -0.02	28.34 0.77 -0.06	29.63 0.81 0.00	30.37 1.03 0.00	31.08 0.99 -0.05	32.66 1.07 -0.02	32.28 1.12 -0.13	33.13 1.15 -0.15	35.84 1.27 -0.26	37.34 1.39 -0.30	36.60 1.47 -0.23	35.45 1.52 -0.23	33.18 1.21 -0.01	29.23 0.88 -0.06	27.43 0.67 -0.04	25.75 0.68 -0.07
ROSETON___1 23587	27.91 1.30 0.00	26.64 1.29 0.00	23.72 1.17 0.00	23.76 1.07 0.00	23.19 1.12 0.00	25.33 1.14 0.00	28.68 1.24 0.00	30.41 1.67 0.00	30.44 1.66 -0.72	31.59 1.68 -2.40	30.50 1.67 0.00	30.95 1.61 0.00	33.80 1.74 -2.02	33.96 1.80 -0.59	38.17 1.77 -5.36	40.11 1.81 -6.46	47.64 2.13 -11.20	50.38 2.14 -12.59	46.30 2.09 -9.31	45.28 1.82 -9.76	36.31 1.66 -2.69	32.48 1.50 -2.69	29.78 1.47 -1.59	29.07 1.35 -2.72
ROSETON___2 23588	27.91 1.30 0.00	26.64 1.29 0.00	23.72 1.17 0.00	23.76 1.07 0.00	23.19 1.12 0.00	25.33 1.14 0.00	28.68 1.24 0.00	30.41 1.67 0.00	30.44 1.66 -0.72	31.59 1.68 -2.40	30.50 1.67 0.00	30.95 1.61 0.00	33.80 1.74 -2.02	33.96 1.80 -0.59	38.17 1.77 -5.36	40.11 1.81 -6.46	47.64 2.13 -11.20	50.38 2.14 -12.59	46.30 2.09 -9.31	45.28 1.82 -9.76	36.31 1.66 -2.69	32.48 1.50 -2.69	29.78 1.47 -1.59	29.07 1.35 -2.72
ROTTRDAM_115KV_TB3 80664	27.60 0.98 0.00	26.34 0.99 0.00	23.43 0.88 0.00	23.51 0.82 0.00	22.92 0.86 0.00	25.11 0.92 0.00	28.49 1.04 0.00	30.03 1.29 0.00	30.33 1.32 -0.94	31.77 1.27 -3.00	30.15 1.33 0.00	30.66 1.32 0.00	33.44 1.44 -1.96	33.86 1.52 -0.78	38.35 1.52 -5.79	40.22 1.56 -6.82	47.77 1.65 -11.81	50.85 1.78 -13.42	47.85 1.75 -11.21	47.36 1.69 -11.98	41.27 1.63 -7.68	32.63 1.39 -2.95	29.79 1.26 -1.81	29.70 1.20 -3.50
RUSSELL___1 23602	27.30 0.69 0.00	25.83 0.48 0.00	22.93 0.38 0.00	23.26 0.57 0.00	22.35 0.29 0.00	24.73 0.53 0.00	28.19 0.74 0.00	29.06 0.32 0.00	28.60 0.48 -0.05	28.12 0.44 -0.17	29.29 0.46 0.00	29.84 0.50 0.00	30.50 0.33 -0.13	31.93 0.32 -0.04	31.77 0.37 -0.36	32.65 0.38 -0.43	35.22 0.17 -0.74	36.85 0.36 -0.84	35.91 0.35 -0.66	34.69 0.34 -0.65	32.56 0.58 -0.03	29.12 0.65 -0.17	27.52 0.69 -0.10	25.84 0.65 -0.19

RUSSELL___2 23532	27.30 0.69 0.00	25.83 0.48 0.00	22.93 0.38 0.00	23.26 0.57 0.00	22.35 0.29 0.00	24.73 0.53 0.00	28.19 0.74 0.00	29.06 0.32 0.00	28.60 0.48 -0.05	28.12 0.44 -0.17	29.29 0.46 0.00	29.84 0.50 0.00	30.50 0.33 -0.13	31.93 0.32 -0.04	31.77 0.37 -0.36	32.65 0.38 -0.43	35.22 0.17 -0.74	36.85 0.36 -0.84	35.91 0.35 -0.66	34.69 0.34 -0.65	32.56 0.58 -0.03	29.12 0.65 -0.17	27.52 0.69 -0.10	25.84 0.65 -0.19
RUSSELL___3 23549	27.30 0.69 0.00	25.83 0.48 0.00	22.93 0.38 0.00	23.26 0.57 0.00	22.35 0.29 0.00	24.73 0.53 0.00	28.19 0.74 0.00	29.06 0.32 0.00	28.60 0.48 -0.05	28.12 0.44 -0.17	29.29 0.46 0.00	29.84 0.50 0.00	30.50 0.33 -0.13	31.93 0.32 -0.04	31.77 0.37 -0.36	32.65 0.38 -0.43	35.22 0.17 -0.74	36.85 0.36 -0.84	35.91 0.35 -0.66	34.69 0.34 -0.65	32.56 0.58 -0.03	29.12 0.65 -0.17	27.52 0.69 -0.10	25.84 0.65 -0.19
RUSSELL___4 23556	27.30 0.69 0.00	25.83 0.48 0.00	22.93 0.38 0.00	23.26 0.57 0.00	22.35 0.29 0.00	24.73 0.53 0.00	28.19 0.74 0.00	29.06 0.32 0.00	28.60 0.48 -0.05	28.12 0.44 -0.17	29.29 0.46 0.00	29.84 0.50 0.00	30.50 0.33 -0.13	31.93 0.32 -0.04	31.77 0.37 -0.36	32.65 0.38 -0.43	35.22 0.17 -0.74	36.85 0.36 -0.84	35.91 0.35 -0.66	34.69 0.34 -0.65	32.56 0.58 -0.03	29.12 0.65 -0.17	27.52 0.69 -0.10	25.84 0.65 -0.19
RUSSELL___STATION 23914	27.30 0.69 0.00	25.83 0.48 0.00	22.93 0.38 0.00	23.26 0.57 0.00	22.35 0.29 0.00	24.73 0.53 0.00	28.19 0.74 0.00	29.06 0.32 0.00	28.60 0.48 -0.05	28.12 0.44 -0.17	29.29 0.46 0.00	29.84 0.50 0.00	30.50 0.33 -0.13	31.93 0.32 -0.04	31.77 0.37 -0.36	32.65 0.38 -0.43	35.22 0.17 -0.74	36.85 0.36 -0.84	35.91 0.35 -0.66	34.69 0.34 -0.65	32.56 0.58 -0.03	29.12 0.65 -0.17	27.52 0.69 -0.10	25.84 0.65 -0.19
S SALMON___HYD 24043	26.45 -0.16 0.00	25.17 -0.18 0.00	22.34 -0.20 0.00	22.56 -0.14 0.00	21.89 -0.18 0.00	24.10 -0.10 0.00	27.86 0.41 0.00	28.97 0.23 0.00	28.24 0.14 -0.03	27.70 0.08 -0.11	28.94 0.12 0.00	29.57 0.23 0.00	30.21 0.09 -0.08	31.69 0.09 -0.03	31.43 0.16 -0.23	32.15 0.03 -0.28	34.73 -0.07 -0.48	36.20 0.00 -0.55	35.43 0.11 -0.43	34.36 0.24 -0.43	32.07 0.10 -0.02	28.58 0.17 -0.11	27.01 0.21 -0.07	25.30 0.18 -0.12
S.PERRY___115KV_TB1 80734	27.97 1.36 0.00	26.44 1.09 0.00	23.43 0.88 0.00	23.83 1.13 0.00	22.86 0.79 0.00	25.31 1.11 0.00	28.98 1.54 0.00	29.89 1.15 0.00	29.29 1.15 -0.07	28.73 0.99 -0.23	29.98 1.15 0.00	30.51 1.17 0.00	31.12 0.90 -0.17	32.54 0.92 -0.06	32.55 1.02 -0.48	33.56 1.15 -0.58	36.41 1.10 -1.00	38.10 1.32 -1.13	37.15 1.36 -0.89	35.93 1.35 -0.88	33.79 1.63 -0.21	30.00 1.47 -0.23	28.31 1.44 -0.14	26.53 1.28 -0.25
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	26.96 0.35 0.00	25.40 0.05 0.00	22.50 -0.05 0.00	22.83 0.14 0.00	21.84 -0.22 0.00	24.24 0.05 0.00	27.56 0.11 0.00	28.08 -0.66 0.00	27.63 -0.51 -0.07	27.17 -0.55 -0.21	28.42 -0.40 0.00	28.99 -0.35 0.00	29.54 -0.66 -0.16	30.77 -0.85 -0.05	30.83 -0.65 -0.44	31.54 -0.83 -0.53	34.06 -1.17 -0.92	35.51 -1.18 -1.03	34.59 -1.12 -0.81	33.36 -1.15 -0.80	31.35 -0.64 -0.03	28.19 -0.31 -0.21	26.77 -0.08 -0.13	25.26 0.03 -0.23
SAWYER___23_KV_LOAD 55526	26.96 0.35 0.00	25.40 0.05 0.00	22.50 -0.05 0.00	22.83 0.14 0.00	21.84 -0.22 0.00	24.24 0.05 0.00	27.56 0.11 0.00	28.08 -0.66 0.00	27.63 -0.51 -0.07	27.17 -0.55 -0.21	28.42 -0.40 0.00	28.99 -0.35 0.00	29.54 -0.66 -0.16	30.77 -0.85 -0.05	30.83 -0.65 -0.44	31.54 -0.83 -0.53	34.06 -1.17 -0.92	35.51 -1.18 -1.03	34.59 -1.12 -0.81	33.36 -1.15 -0.80	31.35 -0.64 -0.03	28.19 -0.31 -0.21	26.77 -0.08 -0.13	25.26 0.03 -0.23
SELKIRK___I 23801	27.60 0.99 0.00	26.29 0.94 0.00	23.40 0.86 0.00	23.49 0.79 0.00	22.90 0.84 0.00	25.06 0.87 0.00	28.43 0.99 0.00	29.92 1.18 0.00	30.15 1.18 -0.90	31.53 1.13 -2.90	30.01 1.18 0.00	30.51 1.17 0.00	33.32 1.32 -1.96	33.70 1.39 -0.75	38.17 1.43 -5.70	40.06 1.50 -6.73	47.51 1.55 -11.66	50.52 1.64 -13.22	47.38 1.61 -10.87	46.89 1.58 -11.60	38.01 1.50 -4.55	32.50 1.30 -2.90	29.70 1.20 -1.77	29.53 1.15 -3.37
SELKIRK___II 23799	27.38 0.77 0.00	26.11 0.76 0.00	23.25 0.70 0.00	23.33 0.63 0.00	22.72 0.66 0.00	24.87 0.68 0.00	28.21 0.77 0.00	29.75 1.01 0.00	29.97 0.98 -0.92	31.40 0.96 -2.93	29.81 0.98 0.00	30.28 0.94 0.00	33.07 1.08 -1.95	33.46 1.13 -0.76	37.90 1.15 -5.71	39.78 1.21 -6.73	47.24 1.27 -11.66	50.25 1.35 -13.24	47.19 1.33 -10.96	46.66 1.25 -11.71	37.88 1.18 -4.74	32.22 1.02 -2.91	29.47 0.96 -1.78	29.31 0.90 -3.41
SENECA OSWGO___HYD 24041	26.26 -0.35 0.00	25.02 -0.33 0.00	22.16 -0.38 0.00	22.40 -0.30 0.00	21.73 -0.33 0.00	23.91 -0.29 0.00	27.83 0.38 0.00	28.94 0.20 0.00	28.25 0.14 -0.04	27.75 0.11 -0.13	29.03 0.20 0.00	29.60 0.26 0.00	30.32 0.18 -0.10	31.76 0.16 -0.03	31.55 0.25 -0.27	32.25 0.10 -0.32	34.90 0.03 -0.55	36.35 0.07 -0.62	35.49 0.11 -0.49	34.39 0.20 -0.48	32.10 0.13 -0.02	28.70 0.28 -0.13	27.07 0.27 -0.08	25.37 0.22 -0.14
SENECA___115KV_TB3 355854	27.17 0.56 0.00	25.60 0.25 0.00	22.66 0.11 0.00	22.99 0.30 0.00	22.02 -0.04 0.00	24.41 0.22 0.00	27.80 0.36 0.00	28.37 -0.37 0.00	27.83 -0.31 -0.07	27.37 -0.36 -0.22	28.74 -0.09 0.00	29.31 -0.03 0.00	29.81 -0.39 -0.16	31.05 -0.57 -0.06	31.09 -0.40 -0.46	31.84 -0.54 -0.55	34.40 -0.86 -0.95	35.87 -0.86 -1.07	34.90 -0.84 -0.84	33.69 -0.84 -0.83	31.67 -0.32 -0.04	28.40 -0.11 -0.22	26.94 0.08 -0.13	25.39 0.15 -0.24
SENECA___ENERGY 23797	26.82 0.21 0.00	25.53 0.18 0.00	22.57 0.02 0.00	22.86 0.16 0.00	22.15 0.09 0.00	24.44 0.24 0.00	27.80 0.36 0.00	28.88 0.14 0.00	28.27 0.14 -0.06	27.80 0.11 -0.18	29.00 0.17 0.00	29.55 0.21 0.00	30.24 0.06 -0.14	31.68 0.06 -0.05	31.55 0.12 -0.38	32.42 0.13 -0.46	35.17 0.07 -0.79	36.62 0.07 -0.90	35.78 0.18 -0.70	34.63 0.24 -0.69	32.21 0.23 -0.03	28.70 0.23 -0.18	27.05 0.21 -0.11	25.38 0.18 -0.20
SHOEMAKER___GT 23640	27.78 1.17 0.00	26.52 1.17 0.00	23.56 1.02 0.00	23.65 0.95 0.00	23.06 0.99 0.00	25.19 0.99 0.00	28.52 1.07 0.00	30.18 1.44 0.00	30.03 1.35 -0.61	30.90 1.35 -2.05	30.18 1.36 0.00	30.66 1.32 0.00	33.18 1.41 -1.73	33.55 1.48 -0.50	37.08 1.46 -4.59	38.89 1.53 -5.53	45.70 1.82 -9.58	48.27 1.85 -10.77	44.66 1.81 -7.94	43.59 1.55 -8.34	35.70 1.44 -2.30	31.87 1.27 -2.30	29.37 1.28 -1.36	28.48 1.15 -2.32
SHOEMAKR_138KV_BK 111 55601	27.65 1.04 0.00	26.42 1.06 0.00	23.47 0.92 0.00	23.56 0.86 0.00	22.99 0.93 0.00	25.11 0.92 0.00	28.41 0.96 0.00	30.15 1.41 0.00	30.02 1.35 -0.60	30.88 1.35 -2.03	30.18 1.35 0.00	30.66 1.32 0.00	33.16 1.41 -1.71	33.55 1.48 -0.50	37.03 1.46 -4.53	38.79 1.50 -5.46	45.58 1.82 -9.46	48.14 1.85 -10.63	44.56 1.81 -7.84	43.45 1.52 -8.24	35.63 1.41 -2.28	31.81 1.24 -2.27	29.32 1.26 -1.34	28.45 1.15 -2.29

SHOREHAM_IC_1 23715	32.34 3.22 -2.51	30.66 3.12 -2.19	25.38 2.82 -0.01	25.19 2.50 0.00	24.71 2.65 0.00	27.09 2.88 -0.02	30.47 3.02 0.00	32.50 3.76 0.00	33.83 3.70 -2.05	35.81 3.66 -4.65	34.50 3.63 -2.04	38.54 3.49 -5.71	41.39 3.63 -7.72	55.12 3.75 -19.79	48.60 3.75 -13.81	78.60 3.85 -42.91	135.16 4.39 -96.46	135.14 4.28 -95.21	139.35 4.43 -100.02	74.16 3.74 -36.72	46.42 3.74 -10.73	41.70 3.25 -10.15	37.63 3.23 -7.66	37.32 3.00 -9.32
SHOREHAM_IC_2 23716	32.34 3.22 -2.51	30.66 3.12 -2.19	25.38 2.82 -0.01	25.19 2.50 0.00	24.71 2.65 0.00	27.09 2.88 -0.02	30.47 3.02 0.00	32.50 3.76 0.00	33.83 3.70 -2.05	35.81 3.66 -4.65	34.50 3.63 -2.04	38.54 3.49 -5.71	41.39 3.63 -7.72	55.12 3.75 -19.79	48.60 3.75 -13.81	78.60 3.85 -42.91	135.16 4.39 -96.46	135.14 4.28 -95.21	139.35 4.43 -100.02	74.16 3.74 -36.72	46.42 3.74 -10.73	41.70 3.25 -10.15	37.63 3.23 -7.66	37.32 3.00 -9.32
SISSONVILLE____ 23735	26.03 -0.59 0.00	24.74 -0.61 0.00	22.16 -0.38 0.00	22.31 -0.39 0.00	21.64 -0.42 0.00	23.66 -0.53 0.00	26.68 -0.77 0.00	27.82 -0.92 0.00	27.06 -1.01 0.00	26.46 -1.05 0.00	27.70 -1.12 0.00	28.31 -1.03 0.00	28.96 -1.08 0.00	30.49 -1.07 0.00	29.83 -1.21 0.00	30.63 -1.21 0.00	33.01 -1.30 0.00	34.30 -1.35 0.00	33.54 -1.36 0.00	32.55 -1.15 0.00	30.87 -1.09 0.00	27.28 -1.02 0.00	25.74 -0.99 0.00	24.41 -0.60 0.00
SITHE_IND_GS1 24169	26.00 -0.61 0.00	24.74 -0.61 0.00	21.96 -0.59 0.00	22.17 -0.52 0.00	21.51 -0.55 0.00	23.64 -0.56 0.00	26.84 -0.60 0.00	27.88 -0.86 0.00	27.23 -0.87 -0.03	26.75 -0.85 -0.10	27.96 -0.86 0.00	28.46 -0.88 0.00	29.18 -0.93 -0.07	30.58 -1.01 -0.03	30.32 -0.93 -0.21	31.10 -0.99 -0.25	33.64 -1.10 -0.43	34.99 -1.14 -0.48	34.20 -1.08 -0.38	33.07 -1.01 -0.38	31.01 -0.96 -0.02	27.57 -0.82 -0.10	26.04 -0.75 -0.06	24.41 -0.70 -0.11
SITHE_IND_GS2 24170	26.00 -0.61 0.00	24.74 -0.61 0.00	21.96 -0.59 0.00	22.17 -0.52 0.00	21.51 -0.55 0.00	23.64 -0.56 0.00	26.84 -0.60 0.00	27.88 -0.86 0.00	27.23 -0.87 -0.03	26.75 -0.85 -0.10	27.96 -0.86 0.00	28.46 -0.88 0.00	29.18 -0.93 -0.07	30.58 -1.01 -0.03	30.32 -0.93 -0.21	31.10 -0.99 -0.25	33.64 -1.10 -0.43	34.99 -1.14 -0.48	34.20 -1.08 -0.38	33.07 -1.01 -0.38	31.01 -0.96 -0.02	27.57 -0.82 -0.10	26.04 -0.75 -0.06	24.41 -0.70 -0.11
SITHE_IND_GS3 24171	26.00 -0.61 0.00	24.74 -0.61 0.00	21.96 -0.59 0.00	22.17 -0.52 0.00	21.51 -0.55 0.00	23.64 -0.56 0.00	26.84 -0.60 0.00	27.88 -0.86 0.00	27.23 -0.87 -0.03	26.75 -0.85 -0.10	27.96 -0.86 0.00	28.46 -0.88 0.00	29.18 -0.93 -0.07	30.58 -1.01 -0.03	30.32 -0.93 -0.21	31.10 -0.99 -0.25	33.64 -1.10 -0.43	34.99 -1.14 -0.48	34.20 -1.08 -0.38	33.07 -1.01 -0.38	31.01 -0.96 -0.02	27.57 -0.82 -0.10	26.04 -0.75 -0.06	24.41 -0.70 -0.11
SITHE_IND_GS4 24172	26.00 -0.61 0.00	24.74 -0.61 0.00	21.96 -0.59 0.00	22.17 -0.52 0.00	21.51 -0.55 0.00	23.64 -0.56 0.00	26.84 -0.60 0.00	27.88 -0.86 0.00	27.23 -0.87 -0.03	26.75 -0.85 -0.10	27.96 -0.86 0.00	28.46 -0.88 0.00	29.18 -0.93 -0.07	30.58 -1.01 -0.03	30.32 -0.93 -0.21	31.10 -0.99 -0.25	33.64 -1.10 -0.43	34.99 -1.14 -0.48	34.20 -1.08 -0.38	33.07 -1.01 -0.38	31.01 -0.96 -0.02	27.57 -0.82 -0.10	26.04 -0.75 -0.06	24.41 -0.70 -0.11
SITHE____BATAVIA 24024	27.33 0.72 0.00	25.96 0.61 0.00	22.89 0.34 0.00	23.29 0.59 0.00	22.37 0.31 0.00	24.80 0.61 0.00	28.16 0.71 0.00	28.94 0.20 0.00	28.49 0.36 -0.06	27.97 0.28 -0.19	29.20 0.37 0.00	29.75 0.41 0.00	30.28 0.09 -0.14	31.65 0.03 -0.05	31.57 0.12 -0.40	32.44 0.13 -0.48	35.04 -0.10 -0.83	36.56 -0.04 -0.94	35.63 0.00 -0.73	34.50 0.07 -0.73	32.34 0.35 -0.03	29.08 0.60 -0.19	27.54 0.69 -0.11	25.89 0.68 -0.21
SITHE____INDEPEND 23800	26.11 -0.51 0.00	24.82 -0.53 0.00	22.03 -0.52 0.00	22.24 -0.45 0.00	21.58 -0.49 0.00	23.71 -0.48 0.00	26.93 -0.52 0.00	27.91 -0.83 0.00	27.23 -0.87 -0.03	26.75 -0.85 -0.10	27.96 -0.86 0.00	28.46 -0.88 0.00	29.18 -0.93 -0.07	30.58 -1.01 -0.03	30.31 -0.93 -0.21	31.13 -0.96 -0.25	33.64 -1.10 -0.43	35.03 -1.11 -0.48	34.20 -1.08 -0.38	33.10 -0.98 -0.38	31.04 -0.93 -0.02	27.57 -0.82 -0.10	26.04 -0.75 -0.06	24.41 -0.70 -0.11
SITHE____MASSENA 23902	26.18 -0.43 0.00	24.90 -0.46 0.00	22.30 -0.25 0.00	22.45 -0.25 0.00	21.75 -0.31 0.00	23.86 -0.34 0.00	26.98 -0.47 0.00	28.25 -0.49 0.00	27.56 -0.50 0.00	27.01 -0.49 0.00	28.31 -0.52 0.00	28.84 -0.50 0.00	29.53 -0.51 0.00	31.09 -0.47 0.00	30.42 -0.62 0.00	31.23 -0.61 0.00	33.66 -0.65 0.00	34.97 -0.68 0.00	34.20 -0.70 0.00	33.10 -0.61 0.00	31.48 -0.48 0.00	27.81 -0.48 0.00	26.22 -0.51 0.00	24.66 -0.35 0.00
SITHE____OGDNSBRG 24021	26.29 -0.32 0.00	25.00 -0.35 0.00	22.41 -0.14 0.00	22.56 -0.14 0.00	21.89 -0.18 0.00	24.00 -0.19 0.00	27.17 -0.27 0.00	28.40 -0.34 0.00	27.65 -0.42 0.00	27.04 -0.47 0.00	28.31 -0.52 0.00	28.96 -0.38 0.00	29.65 -0.39 0.00	31.22 -0.35 0.00	30.54 -0.50 0.00	31.36 -0.48 0.00	33.79 -0.51 0.00	35.15 -0.50 0.00	34.41 -0.49 0.00	33.40 -0.30 0.00	31.63 -0.32 0.00	27.90 -0.40 0.00	26.27 -0.45 0.00	24.76 -0.25 0.00
SITHE____STERLING 23777	27.25 0.64 0.00	25.96 0.61 0.00	23.04 0.50 0.00	23.24 0.54 0.00	22.57 0.51 0.00	24.82 0.63 0.00	28.27 0.82 0.00	29.52 0.78 0.00	28.79 0.70 -0.02	28.21 0.63 -0.07	29.49 0.66 0.00	30.16 0.82 0.00	30.90 0.81 -0.05	32.44 0.85 -0.02	32.05 0.87 -0.15	32.90 0.89 -0.17	35.57 0.96 -0.30	37.03 1.03 -0.34	36.25 1.08 -0.27	35.11 1.15 -0.26	32.86 0.89 -0.01	29.04 0.68 -0.07	27.30 0.53 -0.04	25.63 0.55 -0.08
SLEIGHT__34_KV_TB1 80719	27.62 1.01 0.00	26.21 0.86 0.00	23.20 0.65 0.00	23.56 0.86 0.00	22.75 0.68 0.00	25.11 0.92 0.00	28.68 1.24 0.00	29.83 1.09 0.00	29.16 1.04 -0.05	28.67 0.99 -0.17	29.92 1.10 0.00	30.54 1.20 0.00	31.25 1.08 -0.13	32.72 1.10 -0.04	32.55 1.15 -0.36	33.48 1.21 -0.43	36.29 1.24 -0.75	37.86 1.35 -0.85	36.93 1.36 -0.66	35.74 1.38 -0.65	33.36 1.37 -0.03	29.60 1.13 -0.17	27.87 1.04 -0.10	26.14 0.95 -0.19
SOUTH CAIRO____GT 23612	28.34 1.73 0.00	26.95 1.60 0.00	23.92 1.38 0.00	24.08 1.38 0.00	23.43 1.37 0.00	25.60 1.40 0.00	29.09 1.65 0.00	30.67 1.93 0.00	30.41 1.49 -0.86	31.76 1.48 -2.77	30.18 1.36 0.00	30.69 1.35 0.00	33.82 1.86 -1.92	34.04 1.77 -0.71	38.67 2.11 -5.52	40.60 2.23 -6.53	48.10 2.47 -11.32	51.22 2.75 -12.82	48.08 2.76 -10.42	47.18 2.36 -11.12	38.48 2.24 -4.29	33.14 2.04 -2.81	30.44 2.01 -1.71	29.87 1.65 -3.21
SOUTH HAMPTN____IC 23720	32.95 3.83 -2.51	31.22 3.67 -2.19	25.87 3.32 -0.01	25.69 3.00 0.00	25.20 3.13 0.00	27.62 3.41 -0.02	31.07 3.62 0.00	33.16 4.42 0.00	34.47 4.35 -2.05	36.50 4.34 -4.65	35.28 4.41 -2.04	39.43 4.34 -5.75	42.26 4.54 -7.68	55.74 4.73 -19.44	49.22 4.72 -13.47	78.08 4.81 -41.44	132.73 5.46 -92.97	132.83 5.35 -91.83	136.71 5.51 -96.30	74.07 4.75 -35.61	47.15 4.67 -10.54	42.22 4.05 -9.88	38.25 3.93 -7.60	37.87 3.62 -9.24

SOUTHDOWN_115KV_TB1 355954	27.62 1.01 0.00	26.01 0.66 0.00	22.98 0.43 0.00	23.29 0.59 0.00	22.31 0.24 0.00	24.80 0.60 0.00	28.33 0.88 0.00	29.06 0.32 0.00	28.39 0.25 -0.07	27.93 0.19 -0.24	29.46 0.63 0.00	30.07 0.73 0.00	30.52 0.30 -0.18	31.85 0.22 -0.06	31.81 0.28 -0.49	32.58 0.16 -0.58	35.29 -0.03 -1.01	36.80 0.00 -1.14	35.80 0.00 -0.90	34.56 -0.03 -0.89	32.71 0.54 -0.21	29.06 0.54 -0.23	27.54 0.67 -0.14	25.81 0.55 -0.25
SOUTHOLD_69_KV_BK 2 55809	33.27 4.15 -2.51	31.60 4.06 -2.19	26.14 3.59 -0.01	25.96 3.27 0.00	25.44 3.38 0.00	27.94 3.73 -0.02	31.43 3.98 0.00	33.66 4.91 0.00	35.01 4.88 -2.05	37.08 4.92 -4.65	35.91 5.04 -2.04	40.14 5.05 -5.75	42.86 5.14 -7.68	56.50 5.49 -19.44	50.07 5.56 -13.47	78.95 5.67 -41.45	133.69 6.38 -93.00	133.83 6.31 -91.86	137.66 6.42 -96.33	74.92 5.59 -35.62	47.96 5.46 -10.54	42.85 4.67 -9.89	38.76 4.44 -7.60	38.38 4.13 -9.24
SOUTHOLD___IC 23719	33.41 4.29 -2.51	31.67 4.13 -2.19	26.23 3.68 -0.01	26.05 3.36 0.00	25.55 3.48 0.00	28.03 3.82 -0.02	31.56 4.12 0.00	33.69 4.95 0.00	35.01 4.88 -2.05	37.08 4.92 -4.65	35.91 5.04 -2.04	40.14 5.05 -5.75	42.98 5.26 -7.68	56.50 5.49 -19.44	50.06 5.55 -13.47	78.95 5.67 -41.45	133.69 6.38 -93.00	133.83 6.31 -91.86	137.66 6.42 -96.33	74.92 5.60 -35.62	47.95 5.46 -10.54	42.85 4.67 -9.89	38.76 4.44 -7.60	38.37 4.12 -9.24
SPIERFLS_115KV_TB 1 80737	28.02 1.41 0.00	26.72 1.37 0.00	23.74 1.20 0.00	23.85 1.16 0.00	23.28 1.21 0.00	25.55 1.35 0.00	29.01 1.56 0.00	30.46 1.72 0.00	30.83 1.82 -0.94	32.15 1.68 -2.97	30.67 1.84 0.00	31.22 1.88 0.00	33.84 1.92 -1.88	34.33 1.99 -0.77	38.63 1.96 -5.63	40.36 1.91 -6.61	47.78 2.02 -11.45	50.92 2.25 -13.02	48.24 2.30 -11.04	47.82 2.29 -11.83	41.62 2.24 -7.43	33.13 1.95 -2.88	30.18 1.68 -1.77	30.25 1.78 -3.47
ST LAWRENCE____ 23600	26.00 -0.61 0.00	24.72 -0.63 0.00	22.10 -0.45 0.00	22.24 -0.45 0.00	21.58 -0.49 0.00	23.66 -0.53 0.00	26.79 -0.66 0.00	28.08 -0.66 0.00	27.42 -0.64 0.00	26.88 -0.63 0.00	28.13 -0.69 0.00	28.67 -0.67 0.00	29.38 -0.66 0.00	30.87 -0.69 0.00	30.29 -0.75 0.00	31.07 -0.76 0.00	33.49 -0.82 0.00	34.80 -0.86 0.00	34.03 -0.87 0.00	32.89 -0.81 0.00	31.28 -0.67 0.00	27.65 -0.65 0.00	26.09 -0.64 0.00	24.46 -0.55 0.00
STATE_CA_115KV_115_LB 55624	27.28 0.67 0.00	26.04 0.68 0.00	23.13 0.59 0.00	23.22 0.52 0.00	22.66 0.60 0.00	24.82 0.63 0.00	28.16 0.71 0.00	29.72 0.98 0.00	30.00 1.01 -0.92	31.40 0.96 -2.93	29.86 1.04 0.00	30.34 1.00 0.00	33.09 1.17 -1.88	33.56 1.23 -0.76	37.88 1.24 -5.60	39.69 1.27 -6.58	47.04 1.34 -11.40	50.03 1.43 -12.95	47.25 1.43 -10.92	46.74 1.35 -11.69	39.03 1.31 -5.76	32.23 1.08 -2.86	29.47 0.99 -1.76	29.35 0.93 -3.42
STATE_ST_34_KV_LOAD 55959	27.22 0.61 0.00	25.86 0.51 0.00	22.91 0.36 0.00	23.20 0.50 0.00	22.44 0.38 0.00	24.73 0.53 0.00	28.16 0.71 0.00	29.29 0.55 0.00	28.60 0.48 -0.06	28.13 0.44 -0.18	29.35 0.52 0.00	29.96 0.62 0.00	30.69 0.51 -0.14	32.12 0.51 -0.05	31.95 0.53 -0.38	32.87 0.57 -0.46	35.68 0.58 -0.79	37.19 0.64 -0.89	36.30 0.70 -0.70	35.16 0.78 -0.69	32.75 0.77 -0.03	29.07 0.59 -0.18	27.40 0.56 -0.11	25.70 0.50 -0.20
STATION 5_MISC_HYD 23604	27.12 0.50 0.00	25.78 0.43 0.00	22.77 0.23 0.00	23.13 0.43 0.00	22.31 0.24 0.00	24.63 0.44 0.00	27.97 0.52 0.00	28.88 0.14 0.00	28.46 0.34 -0.05	27.95 0.28 -0.17	29.11 0.29 0.00	29.69 0.35 0.00	30.32 0.15 -0.13	31.77 0.16 -0.04	31.62 0.22 -0.36	32.49 0.22 -0.43	35.09 0.03 -0.74	36.60 0.11 -0.84	35.70 0.14 -0.66	34.52 0.17 -0.65	32.37 0.38 -0.03	28.95 0.48 -0.17	27.39 0.56 -0.10	25.72 0.53 -0.19
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	27.30 0.69 0.00	25.88 0.53 0.00	22.95 0.41 0.00	23.29 0.59 0.00	22.42 0.35 0.00	24.77 0.58 0.00	28.27 0.82 0.00	29.26 0.52 0.00	28.71 0.59 -0.05	28.20 0.52 -0.17	29.40 0.58 0.00	29.98 0.65 0.00	30.62 0.45 -0.13	32.08 0.47 -0.04	31.93 0.53 -0.36	32.84 0.57 -0.43	35.50 0.45 -0.75	37.07 0.57 -0.84	36.12 0.56 -0.66	35.00 0.64 -0.65	32.78 0.80 -0.03	29.20 0.74 -0.17	27.55 0.72 -0.10	25.84 0.65 -0.19
STA_56_34_KV_BUS2_REV_LBMP_B 345033	27.20 0.59 0.00	25.73 0.38 0.00	22.84 0.29 0.00	23.17 0.48 0.00	22.28 0.22 0.00	24.63 0.44 0.00	28.08 0.63 0.00	28.94 0.20 0.00	28.49 0.36 -0.05	28.01 0.33 -0.17	29.17 0.35 0.00	29.72 0.38 0.00	30.38 0.21 -0.13	31.80 0.19 -0.04	31.64 0.25 -0.36	32.52 0.25 -0.43	35.12 0.07 -0.74	36.70 0.21 -0.83	35.76 0.21 -0.65	34.58 0.24 -0.65	32.43 0.45 -0.03	28.97 0.51 -0.17	27.39 0.56 -0.10	25.72 0.53 -0.18
STA_56___34_KV_BUS2 355983	27.20 0.59 0.00	25.73 0.38 0.00	22.84 0.29 0.00	23.17 0.48 0.00	22.28 0.22 0.00	24.63 0.44 0.00	28.08 0.63 0.00	28.94 0.20 0.00	28.49 0.36 -0.05	28.01 0.33 -0.17	29.17 0.35 0.00	29.72 0.38 0.00	30.38 0.21 -0.13	31.80 0.19 -0.04	31.64 0.25 -0.36	32.52 0.25 -0.43	35.12 0.07 -0.74	36.70 0.21 -0.83	35.76 0.21 -0.65	34.58 0.24 -0.65	32.43 0.45 -0.03	28.97 0.51 -0.17	27.39 0.56 -0.10	25.72 0.53 -0.18
STA_67___115KV_BK2 355882	27.14 0.53 0.00	25.68 0.33 0.00	22.80 0.25 0.00	23.13 0.43 0.00	22.22 0.15 0.00	24.56 0.36 0.00	28.00 0.55 0.00	28.83 0.09 0.00	28.40 0.28 -0.05	27.90 0.22 -0.17	29.06 0.23 0.00	29.60 0.26 0.00	30.26 0.09 -0.13	31.67 0.06 -0.04	31.55 0.16 -0.36	32.39 0.13 -0.43	34.98 -0.07 -0.74	36.53 0.04 -0.84	35.59 0.03 -0.66	34.42 0.07 -0.65	32.27 0.29 -0.03	28.89 0.42 -0.17	27.31 0.48 -0.10	25.64 0.45 -0.19
STA_7___115KV_9TRANS 80674	27.30 0.69 0.00	25.83 0.48 0.00	22.93 0.38 0.00	23.26 0.57 0.00	22.35 0.29 0.00	24.73 0.53 0.00	28.19 0.74 0.00	29.06 0.32 0.00	28.60 0.48 -0.05	28.12 0.44 -0.17	29.29 0.46 0.00	29.84 0.50 0.00	30.50 0.33 -0.13	31.93 0.32 -0.04	31.77 0.37 -0.36	32.65 0.38 -0.43	35.22 0.17 -0.74	36.85 0.36 -0.84	35.91 0.35 -0.66	34.69 0.34 -0.65	32.56 0.58 -0.03	29.12 0.65 -0.17	27.52 0.69 -0.10	25.84 0.65 -0.19
STA_82___115KV_TB1 80780	27.17 0.56 0.00	25.71 0.35 0.00	22.82 0.27 0.00	23.15 0.45 0.00	22.24 0.18 0.00	24.58 0.39 0.00	28.02 0.58 0.00	28.86 0.11 0.00	28.43 0.31 -0.05	27.93 0.25 -0.17	29.09 0.26 0.00	29.63 0.29 0.00	30.29 0.12 -0.13	31.71 0.09 -0.04	31.55 0.16 -0.36	32.43 0.16 -0.43	35.02 -0.03 -0.74	36.57 0.07 -0.84	35.63 0.07 -0.66	34.46 0.10 -0.65	32.30 0.32 -0.03	28.92 0.45 -0.17	27.34 0.51 -0.10	25.67 0.48 -0.19
STEEL___WIND 323596	27.06 0.45 0.00	25.68 0.33 0.00	22.59 0.05 0.00	22.95 0.25 0.00	22.09 0.02 0.00	24.49 0.29 0.00	27.72 0.27 0.00	28.34 0.27 0.00	27.80 -0.34 -0.07	27.34 -0.39 -0.22	28.71 -0.11 0.00	29.25 -0.09 0.00	29.81 -0.39 -0.16	30.99 -0.63 -0.06	31.06 -0.43 -0.46	31.84 -0.54 -0.55	34.43 -0.82 -0.95	35.80 -0.93 -1.07	34.90 -0.84 -0.84	33.69 -0.84 -0.83	31.42 -0.57 -0.04	28.37 -0.14 -0.22	26.94 0.08 -0.13	25.34 0.10 -0.24

STEPHTWN_115KV_BK_2 55603	27.49 0.88 0.00	26.21 0.86 0.00	23.29 0.74 0.00	23.38 0.68 0.00	22.81 0.75 0.00	25.02 0.82 0.00	28.41 0.96 0.00	29.98 1.24 0.00	30.25 1.26 -0.92	31.63 1.21 -2.91	30.12 1.30 0.00	30.60 1.26 0.00	33.42 1.50 -1.88	33.87 1.55 -0.76	38.17 1.55 -5.58	40.02 1.62 -6.56	47.42 1.75 -11.36	50.46 1.89 -12.91	47.61 1.85 -10.86	47.12 1.79 -11.63	38.83 1.73 -5.15	32.53 1.39 -2.85	29.73 1.26 -1.75	29.58 1.18 -3.40
STEUBEN_REC_LFGE 323667	27.73 1.12 0.00	26.21 0.86 0.00	23.16 0.61 0.00	23.51 0.82 0.00	22.62 0.55 0.00	25.07 0.87 0.00	28.63 1.18 0.00	29.52 0.78 0.00	28.83 0.67 -0.09	28.40 0.61 -0.29	29.75 0.92 0.00	30.31 0.97 0.00	30.92 0.66 -0.22	32.30 0.66 -0.07	32.42 0.78 -0.60	33.35 0.80 -0.72	36.27 0.72 -1.24	37.84 0.78 -1.40	36.80 0.80 -1.10	35.59 0.81 -1.08	33.31 1.09 -0.27	29.48 0.91 -0.28	27.81 0.91 -0.17	26.12 0.80 -0.31
STONY__BROOK 24151	32.08 2.95 -2.52	30.41 2.86 -2.20	25.13 2.57 -0.02	24.99 2.29 0.00	24.49 2.43 0.00	26.82 2.61 -0.02	30.19 2.74 0.00	32.22 3.48 0.00	33.43 3.31 -2.05	35.42 3.27 -4.65	34.10 3.23 -2.04	37.67 3.08 -5.25	41.34 3.36 -7.94	56.94 3.50 -21.87	50.43 3.26 -16.13	88.01 3.34 -52.83	158.14 3.84 -119.99	157.34 3.67 -118.01	163.77 3.84 -125.03	81.06 3.20 -44.16	47.15 3.23 -11.97	43.20 2.97 -11.93	37.81 3.02 -8.06	37.56 2.80 -9.76
STURGEON_POOL_HYD 23609	27.89 1.28 0.00	26.69 1.34 0.00	23.70 1.15 0.00	23.76 1.07 0.00	23.21 1.15 0.00	25.28 1.09 0.00	28.57 1.13 0.00	30.44 1.70 0.00	30.43 1.63 -0.73	31.74 1.82 -2.41	30.44 1.61 0.00	30.89 1.55 0.00	33.76 1.83 -1.89	33.94 1.77 -0.60	38.09 1.89 -5.16	39.95 1.94 -6.17	47.37 2.37 -10.70	50.07 2.35 -12.06	46.41 2.27 -9.24	45.12 1.62 -9.80	36.44 1.47 -3.02	32.52 1.61 -2.61	29.94 1.66 -1.56	29.03 1.25 -2.77
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	27.73 1.12 0.00	26.49 1.14 0.00	23.54 0.99 0.00	23.63 0.93 0.00	23.08 1.01 0.00	25.19 0.99 0.00	28.49 1.04 0.00	30.29 1.55 0.00	30.22 1.52 -0.64	31.18 1.54 -2.14	30.35 1.53 0.00	30.84 1.50 0.00	33.44 1.59 -1.80	33.76 1.67 -0.52	37.46 1.65 -4.78	39.28 1.69 -5.76	46.31 2.02 -9.98	48.94 2.07 -11.22	45.16 1.99 -8.27	44.07 1.69 -8.68	35.92 1.57 -2.40	32.08 1.39 -2.40	29.53 1.39 -1.41	28.67 1.25 -2.42
SWANROAD_115KV_TB1 355699	26.61 0.00 0.00	25.07 -0.28 0.00	22.25 -0.29 0.00	22.56 -0.14 0.00	21.58 -0.49 0.00	23.93 -0.27 0.00	27.20 -0.25 0.00	27.68 -1.06 0.00	27.29 -0.84 -0.06	26.80 -0.91 -0.21	27.99 -0.84 0.00	28.52 -0.82 0.00	29.11 -1.08 -0.15	30.29 -1.33 -0.05	30.35 -1.12 -0.43	31.07 -1.27 -0.51	33.51 -1.68 -0.88	34.94 -1.71 -1.00	34.04 -1.64 -0.78	32.86 -1.62 -0.78	30.87 -1.12 -0.03	27.82 -0.68 -0.20	26.42 -0.43 -0.12	24.98 -0.25 -0.22
SYNERGY__BIOGAS 323694	27.33 0.72 0.00	25.96 0.61 0.00	22.89 0.34 0.00	23.29 0.59 0.00	22.37 0.31 0.00	24.80 0.61 0.00	28.16 0.71 0.00	28.94 0.20 0.00	28.49 0.36 -0.06	27.97 0.28 -0.19	29.20 0.37 0.00	29.75 0.41 0.00	30.28 0.09 -0.14	31.65 0.03 -0.05	31.57 0.12 -0.40	32.44 0.13 -0.48	35.04 -0.10 -0.83	36.56 -0.04 -0.94	35.63 0.00 -0.73	34.50 0.07 -0.73	32.34 0.35 -0.03	29.08 0.60 -0.19	27.54 0.69 -0.11	25.89 0.68 -0.21
SYRACUSE__ENERGY_ST1 323597	26.69 0.08 0.00	25.38 0.03 0.00	22.50 -0.05 0.00	22.74 0.05 0.00	22.04 -0.02 0.00	24.24 0.05 0.00	27.72 0.27 0.00	28.77 0.03 0.00	28.09 -0.03 -0.05	27.60 -0.06 -0.15	28.83 0.00 0.00	29.40 0.06 0.00	30.12 -0.03 -0.11	31.54 -0.06 -0.04	31.38 0.03 -0.31	32.24 0.03 -0.37	34.95 0.00 -0.64	36.42 0.04 -0.73	35.54 0.07 -0.57	34.40 0.13 -0.56	32.11 0.13 -0.02	28.53 0.08 -0.15	26.90 0.08 -0.09	25.24 0.08 -0.16
SYRACUSE__ENERGY_ST2 323598	26.69 0.08 0.00	25.38 0.03 0.00	22.50 -0.05 0.00	22.74 0.05 0.00	22.04 -0.02 0.00	24.24 0.05 0.00	27.72 0.27 0.00	28.77 0.03 0.00	28.09 -0.03 -0.05	27.60 -0.06 -0.15	28.83 0.00 0.00	29.40 0.06 0.00	30.12 -0.03 -0.11	31.54 -0.06 -0.04	31.38 0.03 -0.31	32.24 0.03 -0.37	34.95 0.00 -0.64	36.42 0.04 -0.73	35.54 0.07 -0.57	34.40 0.13 -0.56	32.11 0.13 -0.02	28.53 0.08 -0.15	26.90 0.08 -0.09	25.24 0.08 -0.16
SYRACUSE__POWER 24017	26.64 0.03 0.00	25.33 -0.03 0.00	22.46 -0.09 0.00	22.70 0.00 0.00	22.00 -0.07 0.00	24.19 0.00 0.00	27.56 0.11 0.00	28.60 -0.14 0.00	27.92 -0.20 -0.05	27.44 -0.22 -0.16	28.65 -0.17 0.00	29.19 -0.15 0.00	29.95 -0.21 -0.12	31.35 -0.25 -0.04	31.18 -0.19 -0.33	32.07 -0.16 -0.39	34.78 -0.21 -0.68	36.24 -0.18 -0.77	35.33 -0.17 -0.60	34.19 -0.10 -0.60	31.88 -0.10 -0.03	28.37 -0.08 -0.16	26.77 -0.05 -0.09	25.10 -0.08 -0.17
TALLMAN__138KV_BK151 55660	27.89 1.28 0.00	26.69 1.34 0.00	23.72 1.17 0.00	23.76 1.07 0.00	23.23 1.17 0.00	25.36 1.16 0.00	28.68 1.24 0.00	30.55 1.81 0.00	30.59 1.85 -0.67	31.62 1.87 -2.24	30.70 1.87 0.00	31.13 1.79 0.00	33.83 1.89 -1.90	34.11 1.99 -0.55	37.98 1.92 -5.02	39.86 1.97 -6.05	47.16 2.37 -10.49	49.83 2.39 -11.79	45.88 2.30 -8.68	44.72 1.92 -9.10	36.26 1.79 -2.51	32.45 1.64 -2.52	29.84 1.63 -1.48	29.01 1.48 -2.53
TEALLAVE_115KV_TB7 355573	26.56 -0.05 0.00	25.25 -0.10 0.00	22.39 -0.16 0.00	22.63 -0.07 0.00	21.93 -0.13 0.00	24.12 -0.07 0.00	27.50 0.05 0.00	28.48 -0.26 0.00	27.80 -0.31 -0.04	27.31 -0.33 -0.13	28.54 -0.29 0.00	29.07 -0.26 0.00	29.81 -0.33 -0.10	31.22 -0.38 -0.03	31.03 -0.28 -0.28	31.88 -0.29 -0.33	34.53 -0.34 -0.57	35.94 -0.36 -0.64	35.09 -0.31 -0.50	33.93 -0.27 -0.50	31.72 -0.26 -0.02	28.23 -0.20 -0.13	26.65 -0.16 -0.08	25.00 -0.15 -0.14
TELGRAPH_34_KV_EAST 80808	27.12 0.51 0.00	25.55 0.20 0.00	22.66 0.11 0.00	23.04 0.34 0.00	22.02 -0.04 0.00	24.44 0.24 0.00	27.83 0.38 0.00	28.42 -0.32 0.00	27.99 -0.14 -0.06	27.48 -0.22 -0.20	28.71 -0.12 0.00	29.28 -0.06 0.00	29.83 -0.36 -0.15	31.11 -0.51 -0.05	31.08 -0.37 -0.41	31.88 -0.45 -0.49	34.37 -0.79 -0.85	35.90 -0.71 -0.96	34.96 -0.70 -0.75	33.77 -0.67 -0.75	31.76 -0.22 -0.03	28.55 0.06 -0.20	27.09 0.24 -0.12	25.52 0.30 -0.21
TEMPLE__115KV_TB 2 55572	26.58 -0.03 0.00	25.27 -0.08 0.00	22.41 -0.14 0.00	22.65 -0.05 0.00	21.93 -0.13 0.00	24.15 -0.05 0.00	27.50 0.05 0.00	28.51 -0.23 0.00	27.80 -0.31 -0.04	27.34 -0.30 -0.13	28.54 -0.29 0.00	29.07 -0.26 0.00	29.81 -0.33 -0.10	31.22 -0.38 -0.03	31.04 -0.28 -0.28	31.88 -0.29 -0.33	34.54 -0.34 -0.58	35.98 -0.32 -0.65	35.10 -0.31 -0.51	33.94 -0.27 -0.51	31.72 -0.26 -0.02	28.23 -0.20 -0.13	26.65 -0.16 -0.08	25.00 -0.15 -0.14
TIANA__69_KV_BK 1 55817	32.63 3.51 -2.51	30.99 3.45 -2.19	25.62 3.07 -0.01	25.44 2.75 0.00	24.95 2.89 0.00	27.38 3.17 -0.02	30.80 3.35 0.00	32.97 4.22 0.00	34.30 4.18 -2.05	36.31 4.15 -4.65	35.08 4.21 -2.04	39.23 4.14 -5.75	41.93 4.21 -7.68	55.49 4.48 -19.44	48.95 4.44 -13.47	77.84 4.55 -41.45	132.49 5.18 -93.00	132.61 5.10 -91.86	136.46 5.24 -96.33	73.80 4.48 -35.62	46.93 4.44 -10.54	42.03 3.85 -9.89	38.07 3.74 -7.60	37.70 3.45 -9.24

TILDEN___115KV_TB1 80814	26.64 0.03 0.00	25.33 -0.03 0.00	22.46 -0.09 0.00	22.70 0.00 0.00	22.00 -0.07 0.00	24.19 0.00 0.00	27.56 0.11 0.00	28.60 -0.14 0.00	27.92 -0.20 -0.05	27.44 -0.22 -0.16	28.65 -0.17 0.00	29.19 -0.15 0.00	29.95 -0.21 -0.12	31.35 -0.25 -0.04	31.18 -0.19 -0.33	32.07 -0.16 -0.39	34.78 -0.21 -0.68	36.24 -0.18 -0.77	35.33 -0.17 -0.60	34.19 -0.10 -0.60	31.88 -0.10 -0.03	28.37 -0.08 -0.16	26.77 -0.05 -0.09	25.10 -0.08 -0.17
TRIGEN___CC 323695	31.05 1.94 -2.50	29.51 1.98 -2.18	24.28 1.74 0.00	24.24 1.54 0.00	23.74 1.68 0.00	25.95 1.74 -0.02	29.26 1.81 0.00	31.24 2.50 0.00	32.65 2.53 -2.05	34.68 2.53 -4.65	33.38 2.51 -2.04	34.86 2.44 -3.09	38.71 2.52 -6.14	38.41 2.68 -4.16	39.06 2.61 -5.41	41.47 2.64 -6.99	48.75 3.12 -11.31	51.36 2.99 -12.72	47.54 3.07 -9.57	46.02 2.53 -9.79	38.76 2.46 -4.35	34.20 2.21 -3.70	33.70 2.25 -4.73	33.14 2.08 -6.06
TRINITY__115KV__4 BK 55933	27.20 0.59 0.00	25.96 0.61 0.00	23.09 0.54 0.00	23.15 0.45 0.00	22.59 0.53 0.00	24.73 0.53 0.00	28.05 0.60 0.00	29.63 0.89 0.00	29.91 0.93 -0.92	31.31 0.88 -2.92	29.75 0.92 0.00	30.22 0.88 0.00	32.94 1.02 -1.88	33.40 1.07 -0.76	37.71 1.09 -5.59	39.52 1.11 -6.57	46.89 1.20 -11.38	49.87 1.28 -12.93	47.04 1.26 -10.88	46.53 1.18 -11.65	38.35 1.15 -5.25	32.08 0.93 -2.85	29.36 0.88 -1.75	29.21 0.80 -3.41
UNION___PROCESSING_DRP 323587	27.17 0.56 0.00	25.71 0.35 0.00	22.82 0.27 0.00	23.15 0.45 0.00	22.24 0.18 0.00	24.61 0.41 0.00	28.05 0.60 0.00	28.86 0.11 0.00	28.43 0.31 -0.05	27.93 0.25 -0.17	29.09 0.26 0.00	29.66 0.32 0.00	30.29 0.12 -0.13	31.71 0.09 -0.04	31.59 0.19 -0.36	32.43 0.16 -0.43	35.02 -0.03 -0.75	36.57 0.07 -0.84	35.66 0.10 -0.66	34.46 0.10 -0.65	32.30 0.32 -0.03	28.92 0.45 -0.17	27.34 0.51 -0.10	25.69 0.50 -0.19
UPPER HUDSON___HYD 24058	28.10 1.49 0.00	26.74 1.39 0.00	23.81 1.26 0.00	23.90 1.20 0.00	23.32 1.26 0.00	25.60 1.40 0.00	29.12 1.67 0.00	30.49 1.75 0.00	30.83 1.82 -0.94	32.15 1.68 -2.97	30.67 1.85 0.00	31.22 1.88 0.00	33.84 1.92 -1.88	34.33 1.99 -0.77	38.63 1.96 -5.63	40.39 1.94 -6.61	47.78 2.02 -11.45	50.92 2.25 -13.02	48.24 2.30 -11.04	47.83 2.29 -11.83	41.59 2.20 -7.43	33.12 1.95 -2.88	30.19 1.68 -1.77	30.25 1.78 -3.47
UPPER RAQUET___HYD 24056	26.03 -0.59 0.00	24.74 -0.61 0.00	22.16 -0.38 0.00	22.33 -0.36 0.00	21.64 -0.42 0.00	23.66 -0.53 0.00	26.68 -0.77 0.00	27.82 -0.92 0.00	27.06 -1.01 0.00	26.46 -1.05 0.00	27.70 -1.12 0.00	28.31 -1.03 0.00	28.96 -1.08 0.00	30.49 -1.07 0.00	29.83 -1.21 0.00	30.63 -1.21 0.00	33.01 -1.30 0.00	34.37 -1.28 0.00	33.57 -1.33 0.00	32.59 -1.11 0.00	30.96 -0.99 0.00	27.28 -1.02 0.00	25.74 -0.99 0.00	24.41 -0.60 0.00
VALLEY44_115KV_TB2 355964	26.58 -0.03 0.00	25.12 -0.23 0.00	22.21 -0.34 0.00	22.49 -0.20 0.00	21.64 -0.42 0.00	24.02 -0.17 0.00	27.45 0.00 0.00	28.08 -0.66 0.00	27.21 -0.93 -0.07	26.76 -0.99 -0.24	28.39 -0.43 0.00	28.90 -0.44 0.00	29.23 -0.99 -0.18	30.55 -1.07 -0.06	30.58 -0.96 -0.50	31.32 -1.11 -0.60	33.97 -1.37 -1.03	35.43 -1.39 -1.17	34.45 -1.36 -0.91	33.12 -1.48 -0.91	31.50 -0.67 -0.22	27.80 -0.74 -0.24	26.34 -0.53 -0.14	24.61 -0.65 -0.26
VALLEY___115KV_TB 1-4 80826	27.01 0.40 0.00	25.78 0.43 0.00	22.91 0.36 0.00	23.04 0.34 0.00	22.39 0.33 0.00	24.56 0.36 0.00	27.89 0.44 0.00	29.20 0.46 0.00	28.52 0.45 0.00	27.97 0.47 0.00	29.32 0.49 0.00	29.87 0.53 0.00	30.61 0.57 0.00	32.14 0.57 0.00	31.60 0.56 0.00	32.41 0.57 0.00	34.93 0.62 0.00	36.30 0.64 0.00	35.49 0.59 0.00	34.17 0.47 0.00	32.27 0.32 0.00	28.49 0.20 0.00	26.89 0.16 0.00	25.18 0.18 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	27.89 1.28 0.00	26.59 1.24 0.00	23.63 1.08 0.00	23.79 1.09 0.00	23.12 1.06 0.00	25.43 1.23 0.00	28.98 1.54 0.00	30.29 1.55 0.00	29.77 1.52 -0.19	29.57 1.43 -0.63	30.33 1.50 0.00	31.07 1.73 0.00	32.25 1.68 -0.53	33.49 1.77 -0.16	34.28 1.83 -1.41	35.41 1.88 -1.70	39.35 2.09 -2.95	41.14 2.17 -3.31	39.55 2.20 -2.45	38.29 2.22 -2.36	34.52 1.95 -0.62	30.47 1.53 -0.65	28.45 1.34 -0.38	26.89 1.23 -0.66
VISCHER___FERRY HYD 24020	27.81 1.20 0.00	26.49 1.14 0.00	23.59 1.04 0.00	23.67 0.98 0.00	23.08 1.02 0.00	25.28 1.09 0.00	28.71 1.26 0.00	30.21 1.46 0.00	30.48 1.49 -0.93	31.82 1.40 -2.91	30.32 1.50 0.00	30.81 1.47 0.00	33.36 1.59 -1.73	33.97 1.64 -0.76	38.02 1.64 -5.34	39.75 1.69 -6.23	46.91 1.82 -10.78	49.91 1.96 -12.30	47.59 1.95 -10.73	47.11 1.85 -11.56	40.56 1.76 -6.85	32.54 1.50 -2.74	29.79 1.36 -1.70	29.75 1.32 -3.42
V_A_10_SYNC_DSASP 323832	26.75 0.13 0.00	25.43 0.08 0.00	22.41 -0.13 0.00	22.74 0.05 0.00	21.93 -0.13 0.00	24.27 0.07 0.00	27.45 0.00 0.00	28.14 -0.60 0.00	27.82 -0.31 -0.06	27.34 -0.36 -0.19	28.45 -0.38 0.00	28.99 -0.35 0.00	29.61 -0.57 -0.14	30.95 -0.66 -0.05	30.93 -0.50 -0.39	31.73 -0.57 -0.47	34.26 -0.86 -0.81	35.64 -0.93 -0.91	34.78 -0.84 -0.71	33.57 -0.84 -0.71	31.41 -0.57 -0.03	28.31 -0.17 -0.19	26.84 0.00 -0.11	25.31 0.10 -0.20
V_CMM_10_SYNC_DSASP 323787	26.08 -0.53 0.00	24.79 -0.56 0.00	22.16 -0.38 0.00	22.31 -0.39 0.00	21.64 -0.42 0.00	23.73 -0.46 0.00	26.87 -0.58 0.00	28.14 -0.60 0.00	27.51 -0.56 0.00	26.96 -0.55 0.00	28.25 -0.58 0.00	28.75 -0.59 0.00	29.47 -0.57 0.00	31.00 -0.57 0.00	30.36 -0.68 0.00	31.17 -0.67 0.00	33.59 -0.72 0.00	34.90 -0.75 0.00	34.10 -0.80 0.00	32.99 -0.71 0.00	31.38 -0.57 0.00	27.73 -0.57 0.00	26.17 -0.56 0.00	24.53 -0.48 0.00
V_CMP_10_SYNC_DSASP 323788	26.96 0.35 0.00	25.55 0.20 0.00	22.98 0.43 0.00	23.17 0.48 0.00	22.44 0.37 0.00	24.65 0.46 0.00	27.91 0.47 0.00	29.23 0.49 0.00	28.52 0.45 0.00	27.97 0.47 0.00	29.32 0.49 0.00	29.90 0.56 0.00	30.55 0.51 0.00	32.20 0.63 0.00	31.41 0.37 0.00	32.25 0.41 0.00	34.72 0.41 0.00	35.94 0.28 0.00	34.83 -0.07 0.00	33.90 0.20 0.00	32.75 0.80 0.00	28.86 0.57 0.00	27.18 0.45 0.00	25.48 0.47 0.00
V_E_10_SYNC_DSASP 323830	28.66 2.05 0.00	27.28 1.93 0.00	24.13 1.58 0.00	24.40 1.70 0.00	23.65 1.59 0.00	26.18 1.98 0.00	30.06 2.61 0.00	31.16 2.41 0.00	30.47 2.25 -0.16	30.00 1.98 -0.51	30.90 2.08 0.00	31.83 2.49 0.00	32.74 2.31 -0.38	34.13 2.43 -0.13	34.68 2.57 -1.07	35.88 2.77 -1.27	39.63 3.12 -2.20	41.42 3.28 -2.49	40.30 3.46 -1.95	38.92 3.64 -1.57	35.46 3.10 -0.41	31.14 2.43 -0.41	28.98 2.01 -0.25	27.26 1.80 -0.45
V_F_30_NSYNC___DSASP 323816	28.15 1.54 0.00	26.82 1.47 0.00	23.86 1.31 0.00	23.97 1.27 0.00	23.34 1.28 0.00	25.60 1.40 0.00	29.09 1.65 0.00	30.55 1.81 0.00	30.85 1.85 -0.93	32.20 1.73 -2.96	30.70 1.87 0.00	31.19 1.85 0.00	33.91 2.01 -1.86	34.45 2.12 -0.77	38.74 2.11 -5.59	40.55 2.17 -6.55	47.92 2.26 -11.35	51.02 2.46 -12.91	48.37 2.48 -10.99	47.92 2.43 -11.79	41.65 2.33 -7.36	33.13 1.98 -2.86	30.28 1.79 -1.76	30.22 1.75 -3.46

V_F_30_SYNC_DSASP 323786	27.28 0.67 0.00	26.01 0.66 0.00	23.13 0.59 0.00	23.22 0.52 0.00	22.66 0.60 0.00	24.80 0.60 0.00	28.13 0.69 0.00	29.72 0.98 0.00	30.00 1.01 -0.92	31.40 0.96 -2.93	29.84 1.01 0.00	30.34 1.00 0.00	33.09 1.17 -1.88	33.56 1.23 -0.76	37.88 1.24 -5.60	39.69 1.27 -6.58	47.04 1.34 -11.39	50.03 1.43 -12.95	47.21 1.40 -10.91	46.73 1.35 -11.69	38.99 1.31 -5.72	32.23 1.08 -2.86	29.47 0.99 -1.76	29.33 0.90 -3.42
V_XM_10_SYNC_DSASP 323789	26.96 0.35 0.00	25.55 0.20 0.00	22.98 0.43 0.00	23.17 0.48 0.00	22.44 0.37 0.00	24.65 0.46 0.00	27.91 0.47 0.00	29.23 0.49 0.00	28.52 0.45 0.00	27.97 0.47 0.00	29.32 0.49 0.00	29.90 0.56 0.00	30.55 0.51 0.00	32.20 0.63 0.00	31.41 0.37 0.00	32.25 0.41 0.00	34.72 0.41 0.00	35.94 0.28 0.00	34.83 -0.07 0.00	33.90 0.20 0.00	32.75 0.80 0.00	28.86 0.57 0.00	27.18 0.45 0.00	25.48 0.47 0.00
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	28.00 1.38 0.00	26.77 1.42 0.00	23.79 1.24 0.00	23.83 1.13 0.00	23.30 1.24 0.00	25.43 1.23 0.00	28.76 1.32 0.00	30.64 1.90 0.00	30.65 1.91 -0.67	31.69 1.93 -2.26	30.76 1.93 0.00	31.22 1.88 0.00	33.94 1.98 -1.92	34.17 2.05 -0.56	38.13 2.02 -5.07	39.99 2.04 -6.12	47.35 2.44 -10.60	50.06 2.50 -11.92	46.08 2.41 -8.77	44.92 2.02 -9.20	36.38 1.89 -2.54	32.56 1.73 -2.54	29.94 1.71 -1.50	29.11 1.55 -2.56
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	28.23 1.62 0.00	27.02 1.67 0.00	24.04 1.49 0.00	24.08 1.38 0.00	23.54 1.48 0.00	25.62 1.43 0.00	28.93 1.48 0.00	31.01 2.27 0.00	31.11 2.33 -0.72	32.31 2.39 -2.41	31.22 2.39 0.00	31.66 2.32 0.00	34.49 2.40 -2.05	34.65 2.49 -0.59	38.87 2.42 -5.41	40.81 2.45 -6.53	48.54 2.92 -11.31	51.29 2.92 -12.71	47.07 2.83 -9.34	45.88 2.39 -9.78	36.80 2.14 -2.70	33.01 2.01 -2.71	30.33 2.00 -1.60	29.57 1.85 -2.72
W50THST__13_KV_LOAD 356117	28.37 1.76 0.00	27.18 1.83 0.00	24.15 1.60 0.00	24.22 1.52 0.00	23.67 1.61 0.00	25.74 1.55 0.00	29.09 1.65 0.00	31.18 2.44 0.00	31.31 2.53 -0.72	32.50 2.59 -2.41	31.42 2.59 0.00	31.86 2.52 0.00	34.73 2.64 -2.05	34.90 2.75 -0.59	39.09 2.64 -5.41	41.04 2.67 -6.53	48.81 3.19 -11.31	51.57 3.21 -12.71	47.31 3.07 -9.34	46.11 2.63 -9.78	36.99 2.33 -2.70	33.15 2.15 -2.71	30.46 2.14 -1.60	29.70 1.98 -2.72
WADING RIVER_IC_1 23522	32.37 3.25 -2.51	30.66 3.12 -2.19	25.38 2.82 -0.01	25.21 2.52 0.00	24.73 2.67 0.00	27.09 2.88 -0.02	30.49 3.05 0.00	32.53 3.79 0.00	33.83 3.70 -2.05	35.81 3.66 -4.65	34.53 3.66 -2.04	38.60 3.52 -5.75	41.38 3.66 -7.68	54.77 3.82 -19.39	48.26 3.79 -13.44	76.99 3.85 -41.30	131.38 4.43 -92.65	131.48 4.31 -91.52	135.32 4.47 -95.95	72.98 3.77 -35.51	46.24 3.77 -10.51	41.43 3.28 -9.86	37.57 3.26 -7.59	37.26 3.02 -9.23
WADING RIVER_IC_2 23547	32.37 3.25 -2.51	30.66 3.12 -2.19	25.38 2.82 -0.01	25.21 2.52 0.00	24.73 2.67 0.00	27.09 2.88 -0.02	30.49 3.05 0.00	32.53 3.79 0.00	33.83 3.70 -2.05	35.81 3.66 -4.65	34.53 3.66 -2.04	38.60 3.52 -5.75	41.38 3.66 -7.68	54.77 3.82 -19.39	48.26 3.79 -13.44	76.99 3.85 -41.30	131.38 4.43 -92.65	131.48 4.31 -91.52	135.32 4.47 -95.95	72.98 3.77 -35.51	46.24 3.77 -10.51	41.43 3.28 -9.86	37.57 3.26 -7.59	37.26 3.02 -9.23
WADING RIVER_IC_3 23601	32.37 3.25 -2.51	30.66 3.12 -2.19	25.38 2.82 -0.01	25.21 2.52 0.00	24.73 2.67 0.00	27.09 2.88 -0.02	30.49 3.05 0.00	32.53 3.79 0.00	33.83 3.70 -2.05	35.81 3.66 -4.65	34.53 3.66 -2.04	38.60 3.52 -5.75	41.38 3.66 -7.68	54.77 3.82 -19.39	48.26 3.79 -13.44	76.99 3.85 -41.30	131.38 4.43 -92.65	131.48 4.31 -91.52	135.32 4.47 -95.95	72.98 3.77 -35.51	46.24 3.77 -10.51	41.43 3.28 -9.86	37.57 3.26 -7.59	37.26 3.02 -9.23
WALDENNY_12_KV_BK2 80841	27.17 0.56 0.00	25.58 0.23 0.00	22.66 0.11 0.00	22.99 0.30 0.00	22.00 -0.07 0.00	24.44 0.24 0.00	27.80 0.36 0.00	28.37 -0.37 0.00	27.85 -0.28 -0.07	27.40 -0.33 -0.22	28.74 -0.09 0.00	29.31 -0.03 0.00	29.81 -0.39 -0.16	31.09 -0.54 -0.06	31.12 -0.37 -0.46	31.84 -0.54 -0.54	34.43 -0.82 -0.94	35.86 -0.86 -1.06	34.89 -0.84 -0.83	33.68 -0.84 -0.83	31.67 -0.32 -0.04	28.40 -0.11 -0.22	26.96 0.11 -0.13	25.39 0.15 -0.24
WALDEN__HYDRO 24148	28.07 1.46 0.00	26.80 1.44 0.00	23.81 1.26 0.00	23.90 1.20 0.00	23.30 1.23 0.00	25.43 1.23 0.00	28.82 1.37 0.00	30.55 1.81 0.00	30.40 1.66 -0.68	31.46 1.68 -2.27	30.47 1.64 0.00	30.95 1.61 0.00	33.66 1.74 -1.88	33.96 1.83 -0.56	37.86 1.80 -5.02	39.75 1.88 -6.04	47.04 2.26 -10.47	49.74 2.32 -11.77	45.94 2.27 -8.77	44.84 1.92 -9.22	36.29 1.76 -2.58	32.37 1.56 -2.52	29.82 1.60 -1.49	29.01 1.42 -2.58
WARRENSBURG____ 23737	28.10 1.49 0.00	26.74 1.39 0.00	23.81 1.26 0.00	23.90 1.20 0.00	23.32 1.26 0.00	25.60 1.40 0.00	29.12 1.67 0.00	30.49 1.75 0.00	30.83 1.82 -0.94	32.15 1.68 -2.97	30.67 1.85 0.00	31.22 1.88 0.00	33.84 1.92 -1.88	34.33 1.99 -0.77	38.63 1.96 -5.63	40.39 1.94 -6.61	47.78 2.02 -11.45	50.92 2.25 -13.02	48.24 2.30 -11.04	47.83 2.29 -11.83	41.59 2.20 -7.43	33.12 1.95 -2.88	30.19 1.68 -1.77	30.25 1.78 -3.47
WATERSIDE____6 8 9 23538	28.15 1.54 0.00	26.95 1.60 0.00	23.95 1.40 0.00	23.99 1.29 0.00	23.48 1.41 0.00	25.45 1.26 0.00	28.74 1.29 0.00	30.87 2.13 0.00	31.00 2.22 -0.72	32.20 2.28 -2.41	31.10 2.28 0.00	31.54 2.20 0.00	34.43 2.34 -2.05	34.56 2.40 -0.59	38.75 2.30 -5.41	40.66 2.29 -6.53	48.30 2.68 -11.31	50.92 2.57 -12.70	46.79 2.55 -9.34	45.61 2.12 -9.78	36.67 2.01 -2.70	32.87 1.87 -2.71	30.19 1.87 -1.60	29.47 1.75 -2.72
WATKINRD_115KV_LN8_ILLION 55919	26.96 0.35 0.00	25.71 0.35 0.00	22.86 0.32 0.00	22.99 0.30 0.00	22.35 0.29 0.00	24.51 0.31 0.00	27.80 0.36 0.00	29.14 0.40 0.00	28.46 0.39 0.00	27.89 0.39 0.00	29.23 0.40 0.00	29.78 0.44 0.00	30.49 0.45 0.00	32.04 0.47 0.00	31.50 0.47 0.00	32.31 0.48 0.00	34.82 0.51 0.00	36.22 0.57 0.00	35.42 0.52 0.00	34.17 0.47 0.00	32.34 0.38 0.00	28.58 0.28 0.00	26.94 0.21 0.00	25.23 0.23 0.00
WATSON__69_KV_BK 1 55734	32.12 3.01 -2.51	30.50 2.97 -2.19	25.19 2.64 -0.01	25.06 2.36 0.00	24.56 2.49 0.00	26.94 2.73 -0.02	30.27 2.83 0.00	32.42 3.68 0.00	33.80 3.68 -2.05	35.81 3.66 -4.65	34.53 3.66 -2.04	40.88 3.55 -7.99	41.15 3.54 -7.56	53.93 3.79 -18.58	44.18 3.69 -9.45	59.82 3.72 -24.26	90.75 4.19 -52.25	92.10 4.06 -52.38	92.44 4.22 -53.32	59.94 3.50 -22.73	44.68 3.67 -9.05	38.32 3.20 -6.83	37.38 3.23 -7.42	36.99 2.95 -9.04
WDELAWARE__HYD 323627	27.78 1.17 0.00	26.49 1.14 0.00	23.54 0.99 0.00	23.63 0.93 0.00	23.03 0.97 0.00	25.16 0.97 0.00	28.52 1.07 0.00	30.26 1.52 0.00	30.18 1.54 -0.57	30.92 1.51 -1.90	30.30 1.47 0.00	30.86 1.52 0.00	33.20 1.62 -1.54	33.74 1.70 -0.47	36.92 1.74 -4.14	38.65 1.85 -4.97	45.19 2.26 -8.62	47.32 1.96 -9.70	44.17 1.95 -7.32	43.19 1.55 -7.94	35.65 1.37 -2.32	31.66 1.22 -2.15	29.28 1.28 -1.27	28.33 1.10 -2.23

WEST BABYLON___IC 23714	31.88 2.77 -2.50	30.27 2.74 -2.18	24.96 2.41 0.00	24.85 2.16 0.00	24.38 2.32 0.00	26.70 2.49 -0.02	30.05 2.61 0.00	32.19 3.45 0.00	33.57 3.45 -2.05	35.59 3.44 -4.65	34.27 3.40 -2.04	37.86 3.32 -5.20	40.03 3.33 -6.65	44.48 3.50 -9.40	40.84 3.41 -6.39	46.45 3.47 -11.15	59.39 3.91 -21.17	61.70 3.78 -22.26	59.27 3.91 -20.46	49.84 3.24 -12.90	41.27 3.39 -5.93	35.78 3.00 -4.49	35.45 3.02 -5.70	34.89 2.75 -7.14
WEST CANADA___HYD 24049	26.77 0.16 0.00	25.50 0.15 0.00	22.68 0.14 0.00	22.83 0.14 0.00	22.20 0.13 0.00	24.34 0.15 0.00	27.61 0.17 0.00	28.91 0.17 0.00	28.24 0.17 0.00	27.67 0.17 0.00	29.00 0.17 0.00	29.52 0.18 0.00	30.25 0.21 0.00	31.76 0.19 0.00	31.23 0.19 0.00	32.03 0.19 0.00	34.55 0.24 0.00	35.90 0.25 0.00	35.15 0.25 0.00	33.94 0.24 0.00	32.11 0.16 0.00	28.44 0.14 0.00	26.84 0.11 0.00	25.11 0.10 0.00
WESTERN_NY_WIND 24143	27.30 0.69 0.00	25.93 0.58 0.00	22.86 0.32 0.00	23.26 0.57 0.00	22.35 0.29 0.00	24.77 0.58 0.00	28.13 0.69 0.00	28.88 0.14 0.00	28.47 0.34 -0.06	27.92 0.22 -0.19	29.17 0.35 0.00	29.72 0.38 0.00	30.25 0.06 -0.15	31.62 0.00 -0.05	31.54 0.09 -0.41	32.42 0.10 -0.48	34.98 -0.17 -0.84	36.49 -0.11 -0.95	35.61 -0.03 -0.74	34.44 0.00 -0.74	32.27 0.29 -0.03	29.02 0.54 -0.19	27.51 0.67 -0.12	25.87 0.65 -0.21
WESTOVER___LESR 323668	26.98 0.37 0.00	25.66 0.30 0.00	22.73 0.18 0.00	22.97 0.27 0.00	22.24 0.18 0.00	24.48 0.29 0.00	27.89 0.44 0.00	29.00 0.26 0.00	28.39 0.20 -0.13	28.08 0.17 -0.41	29.11 0.29 0.00	29.66 0.32 0.00	30.53 0.18 -0.31	31.86 0.19 -0.10	32.18 0.28 -0.86	33.15 0.29 -1.03	36.36 0.27 -1.78	37.98 0.32 -2.01	36.79 0.31 -1.57	35.55 0.30 -1.54	32.74 0.38 -0.40	29.01 0.31 -0.40	27.29 0.32 -0.24	25.70 0.25 -0.44
WETHRSFD_WT_PWR 323626	27.04 0.42 0.00	25.68 0.33 0.00	22.59 0.05 0.00	22.90 0.20 0.00	22.09 0.02 0.00	24.44 0.24 0.00	27.69 0.25 0.00	28.42 -0.32 0.00	27.86 -0.28 -0.08	27.42 -0.33 -0.25	28.74 -0.09 0.00	29.28 -0.06 0.00	29.89 -0.33 -0.18	31.12 -0.51 -0.06	31.24 -0.31 -0.51	32.10 -0.35 -0.61	34.79 -0.58 -1.06	36.21 -0.64 -1.20	35.28 -0.56 -0.94	34.06 -0.57 -0.93	31.83 -0.35 -0.22	28.51 -0.03 -0.24	27.01 0.13 -0.15	25.40 0.13 -0.27
WHAVSTOR_138KV_BK127 55557	27.89 1.28 0.00	26.69 1.34 0.00	23.70 1.15 0.00	23.76 1.07 0.00	23.23 1.17 0.00	25.33 1.14 0.00	28.65 1.21 0.00	30.55 1.81 0.00	30.57 1.82 -0.67	31.62 1.84 -2.27	30.67 1.84 0.00	31.13 1.79 0.00	33.86 1.89 -1.92	34.08 1.96 -0.56	38.02 1.89 -5.08	39.88 1.91 -6.13	47.23 2.30 -10.62	49.91 2.32 -11.94	45.92 2.23 -8.79	44.80 1.89 -9.21	36.26 1.76 -2.55	32.48 1.64 -2.55	29.83 1.60 -1.50	29.02 1.45 -2.56
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	27.89 1.28 0.00	26.69 1.34 0.00	23.70 1.15 0.00	23.76 1.07 0.00	23.23 1.17 0.00	25.33 1.14 0.00	28.65 1.21 0.00	30.55 1.81 0.00	30.57 1.82 -0.67	31.62 1.84 -2.27	30.67 1.84 0.00	31.13 1.79 0.00	33.86 1.89 -1.92	34.08 1.96 -0.56	38.02 1.89 -5.08	39.88 1.91 -6.13	47.23 2.30 -10.62	49.91 2.32 -11.94	45.92 2.23 -8.79	44.80 1.89 -9.21	36.26 1.76 -2.55	32.48 1.64 -2.55	29.83 1.60 -1.50	29.02 1.45 -2.56
WHITEHAL_115KV_TB1 80871	28.77 2.16 0.00	27.38 2.03 0.00	24.33 1.78 0.00	24.44 1.75 0.00	23.85 1.79 0.00	26.25 2.06 0.00	29.89 2.44 0.00	31.38 2.64 0.00	31.78 2.78 -0.94	33.00 2.53 -2.96	31.62 2.80 0.00	32.21 2.88 0.00	34.91 3.00 -1.87	35.46 3.13 -0.77	39.78 3.13 -5.61	41.60 3.18 -6.58	48.90 3.19 -11.40	52.18 3.57 -12.97	49.51 3.59 -11.02	49.12 3.61 -11.82	42.90 3.55 -7.40	34.11 2.94 -2.87	31.06 2.57 -1.77	31.08 2.60 -3.47
WHITEPLN_13_KV_LOAD 356215	28.26 1.65 0.00	27.02 1.67 0.00	24.01 1.47 0.00	24.06 1.36 0.00	23.52 1.46 0.00	25.65 1.45 0.00	29.04 1.59 0.00	30.95 2.21 0.00	31.08 2.30 -0.71	32.27 2.37 -2.40	31.25 2.42 0.00	31.69 2.35 0.00	34.58 2.49 -2.04	34.74 2.59 -0.59	39.01 2.58 -5.39	40.95 2.61 -6.50	48.67 3.09 -11.27	51.46 3.14 -12.66	47.24 3.04 -9.31	46.08 2.63 -9.75	37.01 2.36 -2.69	33.09 2.09 -2.70	30.32 2.00 -1.59	29.54 1.83 -2.71
WM_FLOYD_69_KV_BK2 356380	32.08 2.95 -2.51	30.46 2.92 -2.19	25.15 2.59 -0.01	24.99 2.29 0.00	24.51 2.45 0.00	26.90 2.69 -0.02	30.19 2.74 0.00	32.36 3.62 0.00	33.69 3.56 -2.05	35.65 3.49 -4.65	34.33 3.46 -2.04	38.46 3.34 -5.78	41.11 3.36 -7.70	54.83 3.63 -19.63	48.19 3.57 -13.58	77.44 3.66 -41.94	132.66 4.19 -94.16	132.71 4.06 -92.99	136.70 4.22 -97.58	73.23 3.54 -35.99	46.12 3.55 -10.62	41.35 3.08 -9.97	37.46 3.10 -7.64	37.17 2.88 -9.28
WOODARD__115KV_TB2 355635	26.50 -0.11 0.00	25.20 -0.15 0.00	22.35 -0.20 0.00	22.58 -0.11 0.00	21.89 -0.18 0.00	24.07 -0.12 0.00	27.45 0.00 0.00	28.48 -0.26 0.00	27.80 -0.31 -0.04	27.31 -0.33 -0.14	28.54 -0.29 0.00	29.07 -0.26 0.00	29.81 -0.33 -0.10	31.22 -0.38 -0.03	31.01 -0.31 -0.28	31.89 -0.29 -0.34	34.51 -0.38 -0.58	35.95 -0.36 -0.66	35.10 -0.31 -0.51	33.94 -0.27 -0.51	31.72 -0.26 -0.02	28.20 -0.23 -0.13	26.62 -0.19 -0.08	24.98 -0.18 -0.15
YORK___WARBASSE 23770	28.29 1.68 0.00	27.05 1.70 0.00	24.04 1.49 0.00	24.10 1.41 0.00	23.59 1.52 0.00	25.48 1.28 0.00	28.76 1.32 0.00	30.92 2.18 0.00	31.06 2.27 -0.72	32.28 2.37 -2.41	31.19 2.36 0.00	31.66 2.32 0.00	34.58 2.49 -2.05	34.71 2.56 -0.59	38.90 2.45 -5.41	40.82 2.45 -6.53	48.43 2.81 -11.31	51.10 2.75 -12.71	46.96 2.72 -9.34	45.78 2.29 -9.78	36.86 2.20 -2.70	33.01 2.01 -2.71	30.28 1.95 -1.60	29.55 1.83 -2.72