

Day Ahead Market Generator LBMP

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

Generator Data

11/03/2023

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	27.42	24.74	23.62	23.60	23.63	28.56	39.06	46.33	42.75	33.49	28.01	25.10	24.04	23.39	23.68	25.00	30.32	38.64	43.42	37.76	31.97	29.14	25.43	24.50
24138	1.95	1.54	1.33	1.30	1.14	1.29	2.51	2.93	2.47	2.30	2.06	1.90	1.89	1.75	1.80	1.78	1.99	1.95	1.93	1.94	1.95	1.52	1.23	1.05
	-2.76	-3.93	-5.67	-5.63	-8.11	-11.56	-7.40	-9.36	-10.92	-6.15	-2.54	-1.80	-0.86	-1.99	-1.40	-3.22	-4.60	-12.93	-17.44	-11.27	-5.60	-7.32	-8.25	-10.73
74TH STREET_GT_1	27.44	24.78	23.64	23.63	23.66	28.59	39.06	46.33	42.78	33.54	28.06	25.15	24.06	23.41	23.72	25.03	30.39	38.72	43.47	37.84	32.00	29.16	25.47	24.51
24260	1.98	1.58	1.35	1.33	1.16	1.32	2.51	2.93	2.50	2.35	2.11	1.95	1.92	1.77	1.84	1.82	2.04	1.97	1.90	2.01	1.98	1.54	1.26	1.06
	-2.76	-3.93	-5.67	-5.63	-8.11	-11.56	-7.40	-9.36	-10.92	-6.15	-2.54	-1.80	-0.86	-1.99	-1.40	-3.21	-4.62	-12.99	-17.52	-11.27	-5.60	-7.32	-8.25	-10.74
74TH STREET_GT_2	27.44	24.78	23.64	23.63	23.66	28.59	39.06	46.33	42.78	33.54	28.06	25.15	24.06	23.41	23.72	25.03	30.39	38.72	43.47	37.84	32.00	29.16	25.47	24.51
24261	1.98	1.58	1.35	1.33	1.16	1.32	2.51	2.93	2.50	2.35	2.11	1.95	1.92	1.77	1.84	1.82	2.04	1.97	1.90	2.01	1.98	1.54	1.26	1.06
	-2.76	-3.93	-5.67	-5.63	-8.11	-11.56	-7.40	-9.36	-10.92	-6.15	-2.54	-1.80	-0.86	-1.99	-1.40	-3.21	-4.62	-12.99	-17.52	-11.27	-5.60	-7.32	-8.25	-10.74
ADK HUDSON___FALLS	27.06	25.05	24.61	24.66	25.42	31.30	40.30	47.97	45.01	34.18	28.24	25.08	23.70	23.27	23.39	25.09	30.91	41.22	47.29	39.87	32.65	30.37	27.14	26.84
24011	0.84	0.77	0.76	0.82	0.70	0.86	1.72	2.01	1.73	1.30	1.59	1.39	1.32	1.08	1.13	1.00	1.35	1.05	1.11	1.06	1.15	0.81	0.75	0.55
	-3.51	-5.01	-7.22	-7.17	-10.33	-14.72	-9.42	-11.92	-13.91	-7.83	-3.23	-2.29	-1.09	-2.53	-1.78	-4.09	-5.83	-16.41	-22.13	-14.26	-7.09	-9.26	-10.44	-13.58
ADK RESOURCE___RCVRY	27.13	25.11	24.66	24.71	25.48	31.40	40.48	48.21	45.21	34.33	28.40	25.19	23.81	23.34	23.47	25.15	31.04	41.27	47.38	39.97	32.80	30.48	27.21	26.88
23798	0.91	0.83	0.81	0.87	0.76	0.96	1.89	2.25	1.94	1.45	1.76	1.50	1.43	1.16	1.21	1.08	1.50	1.14	1.25	1.15	1.29	0.91	0.81	0.59
	-3.52	-5.01	-7.22	-7.18	-10.34	-14.73	-9.43	-11.92	-13.91	-7.83	-3.23	-2.29	-1.09	-2.53	-1.78	-4.07	-5.82	-16.37	-22.07	-14.26	-7.09	-9.26	-10.44	-13.58
ADK S GLENS___FALLS	27.06	25.05	24.61	24.66	25.42	31.30	40.30	47.97	45.01	34.18	28.24	25.08	23.70	23.27	23.39	25.09	30.91	41.22	47.29	39.87	32.65	30.37	27.14	26.84
24028	0.84	0.77	0.76	0.82	0.70	0.86	1.72	2.01	1.73	1.30	1.59	1.39	1.32	1.08	1.13	1.00	1.35	1.05	1.11	1.06	1.15	0.81	0.75	0.55
	-3.51	-5.01	-7.22	-7.17	-10.33	-14.72	-9.42	-11.92	-13.91	-7.83	-3.23	-2.29	-1.09	-2.53	-1.78	-4.09	-5.83	-16.41	-22.13	-14.26	-7.09	-9.26	-10.44	-13.58
ADK_NYS___DAM	27.37	25.18	24.47	24.47	25.08	30.66	39.98	47.58	44.50	34.01	27.88	24.80	23.54	23.20	23.34	25.04	30.71	40.96	46.80	39.75	32.64	30.32	26.88	26.48
23527	1.32	1.14	0.96	0.97	0.85	0.91	1.84	2.18	1.88	1.50	1.38	1.22	1.21	1.14	1.17	1.12	1.38	1.43	1.47	1.45	1.39	1.10	0.86	0.67
	-3.35	-4.78	-6.88	-6.84	-9.85	-14.04	-8.99	-11.36	-13.26	-7.47	-3.08	-2.18	-1.04	-2.41	-1.70	-3.92	-5.61	-15.78	-21.27	-13.75	-6.83	-8.93	-10.06	-13.09
AIR_PRODUCTS___DRP	26.44	24.55	24.03	24.03	24.69	30.19	38.78	46.34	43.48	33.13	27.01	24.08	22.83	22.55	22.67	24.39	29.85	40.15	45.98	38.88	31.79	29.67	26.36	26.09
24190	0.34	0.44	0.43	0.43	0.33	0.25	0.52	0.78	0.68	0.53	0.47	0.47	0.49	0.45	0.47	0.44	0.47	0.50	0.51	0.52	0.51	0.41	0.30	0.23
	-3.39	-4.84	-6.97	-6.93	-9.98	-14.22	-9.10	-11.52	-13.44	-7.57	-3.12	-2.21	-1.05	-2.45	-1.72	-3.94	-5.65	-15.89	-21.42	-13.80	-6.86	-8.97	-10.11	-13.15
AKWESSNE_115KV_BK	22.16	18.81	16.19	16.23	5.68	10.86	9.87	11.54	9.99	8.50	21.98	20.91	20.82	10.81	14.91	16.54	11.71	11.71	10.72	8.40	8.29	4.10	2.44	2.53
355683	-0.54	-0.46	-0.43	-0.43	-0.39	-0.41	-0.76	-0.89	-0.73	-0.63	-0.61	-0.49	-0.47	-0.43	-0.45	-0.48	-0.55	-0.55	-0.51	-0.52	-0.51	-0.43	-0.34	-0.27
	0.00	0.00	0.00	0.00	8.31	4.45	18.53	21.61	18.64	15.92	0.83	0.00	0.00	8.41	5.11	2.98	11.48	11.51	12.83	15.64	15.62	15.77	13.18	9.92
ALBANY___1	26.44	24.55	24.03	24.03	24.69	30.19	38.78	46.34	43.48	33.13	27.01	24.08	22.83	22.55	22.67	24.39	29.85	40.15	45.98	38.88	31.79	29.67	26.36	26.09
23571	0.34	0.44	0.43	0.43	0.33	0.25	0.52	0.78	0.68	0.53	0.47	0.47	0.49	0.45	0.47	0.44	0.47	0.50	0.51	0.52	0.51	0.41	0.30	0.23
	-3.39	-4.84	-6.97	-6.93	-9.98	-14.22	-9.10	-11.52	-13.44	-7.57	-3.12	-2.21	-1.05	-2.45	-1.72	-3.94	-5.65	-15.89	-21.42	-13.80	-6.86	-8.97	-10.11	-13.15
ALBANY___2	26.44	24.55	24.03	24.03	24.69	30.19	38.78	46.34	43.48	33.13	27.01	24.08	22.83	22.55	22.67	24.39	29.85	40.15	45.98	38.88	31.79	29.67	26.36	26.09
23572	0.34	0.44	0.43	0.43	0.33	0.25	0.52	0.78	0.68	0.53	0.47	0.47	0.49	0.45	0.47	0.44	0.47	0.50	0.51	0.52	0.51	0.41	0.30	0.23
	-3.39	-4.84	-6.97	-6.93	-9.98	-14.22	-9.10	-11.52	-13.44	-7.57	-3.12	-2.21	-1.05	-2.45	-1.72	-3.94	-5.65	-15.89	-21.42	-13.80	-6.86	-8.97	-10.11	-13.15
ALBANY___3	26.44	24.55	24.03	24.03	24.69	30.19	38.78	46.34	43.48	33.13	27.01	24.08	22.83	22.55	22.67	24.39	29.85	40.15	45.98	38.88	31.79	29.67	26.36	26.09
23573	0.34	0.44	0.43	0.43	0.33	0.25	0.52	0.78	0.68	0.53	0.47	0.47	0.49	0.45	0.47	0.44	0.47	0.50	0.51	0.52	0.51	0.41	0.30	0.23
	-3.39	-4.84	-6.97	-6.93	-9.98	-14.22	-9.10	-11.52	-13.44	-7.57	-3.12	-2.21	-1.05	-2.45	-1.72	-3.94	-5.65	-15.89	-21.42	-13.80	-6.86	-8.97	-10.11	-13.15

ALBANY___4 23574	26.44 0.34 -3.39	24.55 0.44 -4.84	24.03 0.43 -6.97	24.03 0.43 -6.93	24.69 0.33 -9.98	30.19 0.25 -14.22	38.78 0.52 -9.10	46.34 0.78 -11.52	43.48 0.68 -13.44	33.13 0.53 -7.57	27.01 0.47 -3.12	24.08 0.47 -2.21	22.83 0.49 -1.05	22.55 0.45 -2.45	22.67 0.47 -1.72	24.39 0.44 -3.94	29.85 0.47 -5.65	40.15 0.50 -15.89	45.98 0.51 -21.42	38.88 0.52 -13.80	31.79 0.51 -6.86	29.67 0.41 -8.97	26.36 0.30 -10.11	26.09 0.23 -13.15
ALBANY___LFGE 323615	26.72 0.59 -3.43	24.79 0.63 -4.88	24.23 0.57 -7.04	24.25 0.58 -6.99	24.91 0.46 -10.07	30.49 0.42 -14.36	39.22 0.87 -9.19	46.81 1.16 -11.61	43.91 1.00 -13.55	33.45 0.78 -7.63	27.26 0.70 -3.15	24.30 0.66 -2.23	23.01 0.66 -1.06	22.73 0.61 -2.47	22.85 0.64 -1.74	24.60 0.62 -3.97	30.10 0.69 -5.68	40.51 0.76 -15.99	46.38 0.77 -21.56	39.25 0.76 -13.93	32.10 0.76 -6.92	29.95 0.61 -9.05	26.62 0.46 -10.20	26.33 0.36 -13.26
ALCOA_PA_115KV_PL-6C 55860	22.28 -0.43 0.00	18.92 -0.35 0.00	16.28 -0.35 0.00	16.33 -0.33 0.00	6.04 -0.30 8.04	11.06 -0.35 4.30	10.65 -0.58 17.92	12.49 -0.65 20.91	10.77 -0.56 18.03	9.14 -0.50 15.39	22.10 -0.52 0.80	21.00 -0.41 0.00	20.91 -0.38 0.00	11.16 -0.35 8.14	15.14 -0.39 4.95	16.70 -0.42 2.88	12.15 -0.47 11.10	12.20 -0.43 11.13	11.26 -0.38 12.41	9.03 -0.39 15.13	8.92 -0.39 15.11	4.82 -0.32 15.15	3.19 -0.26 12.51	3.16 -0.20 9.35
ALCOA_RYNLDS___DRP 24188	22.28 -0.43 0.00	18.92 -0.35 0.00	16.28 -0.35 0.00	16.33 -0.33 0.00	6.04 -0.30 8.04	11.06 -0.35 4.30	10.65 -0.58 17.92	12.49 -0.65 20.91	10.77 -0.56 18.03	9.14 -0.50 15.39	22.10 -0.52 0.80	21.00 -0.41 0.00	20.91 -0.38 0.00	11.16 -0.35 8.14	15.14 -0.39 4.95	16.70 -0.42 2.88	12.15 -0.47 11.10	12.20 -0.43 11.13	11.26 -0.38 12.41	9.03 -0.39 15.13	8.92 -0.39 15.11	4.82 -0.32 15.15	3.19 -0.26 12.51	3.16 -0.20 9.35
ALCOA___DSASP 323711	22.28 -0.43 0.00	18.92 -0.35 0.00	16.28 -0.35 0.00	16.34 -0.33 0.00	6.04 -0.30 8.04	11.06 -0.35 4.30	10.65 -0.58 17.92	12.49 -0.65 20.91	10.77 -0.56 18.03	9.14 -0.50 15.39	22.10 -0.52 0.80	20.98 -0.43 0.00	20.91 -0.38 0.00	11.14 -0.37 8.14	15.14 -0.39 4.95	16.70 -0.42 2.88	12.15 -0.47 11.10	12.20 -0.43 11.13	11.21 -0.43 12.41	9.06 -0.37 15.13	8.92 -0.39 15.11	4.82 -0.33 15.15	3.19 -0.26 12.51	3.16 -0.20 9.35
ALLEGHENY___COGEN 23514	24.44 0.95 -0.78	21.23 0.85 -1.12	19.01 0.78 -1.61	19.05 0.78 -1.60	17.33 0.65 -2.30	19.76 0.77 -3.28	32.36 1.11 -2.10	38.00 1.29 -2.67	33.50 1.03 -3.11	27.67 0.88 -1.75	24.98 0.84 -0.72	22.32 0.41 -0.51	21.79 0.26 -0.24	20.49 0.27 -0.57	21.16 0.29 -0.40	21.28 0.36 -0.92	25.54 0.55 -1.27	27.87 0.55 -3.57	29.85 0.99 -4.81	28.31 0.66 -3.09	26.73 0.78 -1.53	22.83 0.53 -2.01	18.65 0.43 -2.26	15.93 0.28 -2.94
ALTAMONT_115KV_TB 2 55880	26.89 0.79 -3.38	24.79 0.69 -4.83	24.19 0.62 -6.95	24.19 0.62 -6.91	24.86 0.53 -9.95	30.44 0.55 -14.18	39.34 1.11 -9.08	46.78 1.26 -11.48	43.85 1.09 -13.40	33.46 0.88 -7.54	27.35 0.82 -3.11	24.34 0.73 -2.20	23.06 0.72 -1.05	22.76 0.67 -2.44	22.89 0.70 -1.72	24.62 0.68 -3.94	30.18 0.81 -5.65	40.48 0.83 -15.89	46.30 0.82 -21.42	39.22 0.86 -13.80	32.11 0.83 -6.86	29.93 0.67 -8.97	26.59 0.53 -10.11	26.28 0.42 -13.14
ALTONA_WT_PWR 323606	22.14 -0.57 0.00	18.71 -0.56 0.00	16.04 -0.58 0.00	16.07 -0.60 0.00	5.60 -0.55 8.23	10.82 -0.49 4.40	9.50 -1.31 18.34	11.18 -1.46 21.40	9.59 -1.32 18.46	8.26 -1.03 15.76	21.71 -0.89 0.82	20.57 -0.84 0.00	20.63 -0.66 0.00	10.57 -0.75 8.33	14.68 -0.74 5.06	16.29 -0.76 2.95	11.54 -0.83 11.36	11.51 -0.85 11.39	10.47 -0.89 12.70	7.94 -1.13 15.48	7.73 -1.22 15.46	-0.26 -1.08 19.48	-6.94 -0.88 22.01	-6.95 -0.70 18.97
AMERICAN_REF_FUEL 24010	22.87 -0.57 -0.73	19.96 -0.35 -1.04	17.87 -0.25 -1.50	17.87 -0.28 -1.49	16.28 -0.24 -2.14	18.43 -0.33 -3.05	29.82 -1.28 -1.95	34.60 -1.91 -2.46	30.68 -1.56 -2.88	25.53 -1.13 -1.62	23.29 -0.80 -0.67	20.93 -0.94 -0.47	20.43 -1.09 -0.23	19.29 -0.88 -0.52	19.86 -0.98 -0.37	19.87 -0.98 -0.85	23.67 -1.23 -1.17	25.76 -1.31 -3.30	27.28 -1.23 -4.45	25.77 -1.65 -2.86	24.49 -1.34 -1.42	21.10 -1.06 -1.86	17.36 -0.69 -2.09	14.93 -0.51 -2.72
ARKWRIGHT___SUMMIT_WT_PWR 323751	23.19 -0.30 -0.78	20.22 -0.15 -1.11	18.14 -0.08 -1.60	18.12 -0.13 -1.59	16.54 -0.13 -2.29	18.88 -0.09 -3.26	30.60 -0.64 -2.09	35.71 -0.95 -2.62	31.69 -0.73 -3.06	26.19 -0.57 -1.72	23.82 -0.31 -0.71	21.35 -0.56 -0.50	20.85 -0.68 -0.24	19.66 -0.55 -0.56	20.19 -0.68 -0.39	20.26 -0.64 -0.90	24.10 -0.88 -1.25	26.35 -0.93 -3.52	28.00 -0.79 -4.74	26.37 -1.23 -3.04	25.00 -0.93 -1.51	21.46 -0.81 -1.98	17.67 -0.51 -2.23	15.23 -0.38 -2.90
ARTHUR_KILL_GT_1 23520	27.68 2.20 -2.77	24.94 1.73 -3.94	23.78 1.48 -5.67	23.78 1.47 -5.64	23.76 1.27 -8.12	28.71 1.43 -11.57	38.80 2.24 -7.40	45.68 2.28 -9.35	42.22 1.94 -10.92	33.24 2.05 -6.15	27.70 1.76 -2.53	24.84 1.65 -1.79	23.78 1.64 -0.85	23.11 1.47 -1.98	23.42 1.56 -1.39	24.78 1.56 -3.22	30.18 1.85 -4.60	38.40 1.71 -12.93	43.17 1.68 -17.43	37.57 1.74 -11.27	31.60 1.59 -5.60	29.04 1.42 -7.32	25.49 1.28 -8.26	24.48 1.03 -10.74
ARTHUR_KILL_2 23512	27.61 2.13 -2.77	24.89 1.68 -3.94	23.73 1.43 -5.67	23.72 1.42 -5.64	23.74 1.24 -8.12	28.66 1.38 -11.57	38.71 2.16 -7.40	45.57 2.18 -9.35	42.16 1.88 -10.92	33.17 1.98 -6.15	27.65 1.71 -2.53	24.78 1.58 -1.79	23.71 1.58 -0.85	23.05 1.42 -1.98	23.36 1.49 -1.39	24.74 1.52 -3.22	30.11 1.78 -4.60	38.33 1.64 -12.93	43.10 1.61 -17.43	37.49 1.67 -11.27	31.56 1.54 -5.60	28.98 1.36 -7.32	25.44 1.23 -8.26	24.45 0.99 -10.74
ARTHUR_KILL_3 23513	27.24 1.77 -2.76	24.61 1.41 -3.93	23.51 1.21 -5.67	23.48 1.18 -5.63	23.53 1.04 -8.11	28.44 1.16 -11.56	38.83 2.28 -7.40	45.99 2.59 -9.36	42.46 2.17 -10.92	33.27 2.08 -6.15	27.83 1.87 -2.54	24.96 1.76 -1.80	23.89 1.75 -0.86	23.25 1.61 -1.99	23.56 1.68 -1.40	24.86 1.64 -3.22	30.15 1.83 -4.60	38.41 1.71 -12.93	43.15 1.66 -17.44	37.57 1.74 -11.27	31.80 1.78 -5.60	29.00 1.38 -7.32	25.34 1.13 -8.25	24.41 0.97 -10.73
ARTHUR_KILL_COGEN 323718	27.68 2.20 -2.77	24.94 1.73 -3.94	23.78 1.48 -5.67	23.78 1.47 -5.64	23.76 1.27 -8.12	28.71 1.43 -11.57	38.80 2.24 -7.40	45.68 2.28 -9.35	42.22 1.94 -10.92	33.24 2.05 -6.15	27.70 1.76 -2.53	24.84 1.65 -1.79	23.78 1.64 -0.85	23.11 1.47 -1.98	23.42 1.56 -1.39	24.78 1.56 -3.22	30.18 1.85 -4.60	38.40 1.71 -12.93	43.17 1.68 -17.43	37.57 1.74 -11.27	31.60 1.59 -5.60	29.04 1.42 -7.32	25.49 1.28 -8.26	24.48 1.03 -10.74
ASHOKAN____ 23654	25.99 0.25 -3.03	23.82 0.23 -4.32	23.02 0.17 -6.22	23.02 0.17 -6.19	23.45 0.16 -8.91	28.47 0.06 -12.70	37.78 0.50 -8.13	44.97 0.65 -10.28	41.95 0.59 -12.00	32.12 0.32 -6.75	26.20 0.00 -2.79	23.29 -0.09 -1.97	22.10 -0.13 -0.94	21.76 -0.08 -2.18	21.93 -0.08 -1.54	23.49 -0.04 -3.53	28.72 -0.05 -5.04	38.07 0.12 -14.19	43.43 0.24 -19.13	37.16 0.25 -12.36	30.75 0.19 -6.14	28.47 0.14 -8.03	25.00 0.00 -9.05	24.51 0.03 -11.77

ASTORIA_EAST_ENERGY_CC1 323581	27.38 1.91 -2.77	24.77 1.56 -3.94	23.66 1.36 -5.67	23.64 1.33 -5.64	23.66 1.16 -8.12	28.62 1.33 -11.57	38.71 2.16 -7.40	45.64 2.25 -9.35	42.22 1.94 -10.92	33.24 2.05 -6.14	27.79 1.85 -2.53	25.01 1.82 -1.79	23.93 1.79 -0.85	23.26 1.63 -1.98	23.57 1.70 -1.39	24.91 1.70 -3.21	30.17 1.85 -4.59	38.40 1.71 -12.93	43.13 1.64 -17.43	37.49 1.67 -11.26	31.67 1.66 -5.59	28.96 1.34 -7.32	25.58 1.37 -8.26	24.46 1.00 -10.74
ASTORIA_EAST_ENERGY_CC2 323582	27.38 1.91 -2.77	24.77 1.56 -3.94	23.65 1.35 -5.67	23.64 1.33 -5.64	23.66 1.16 -8.12	28.62 1.33 -11.57	38.71 2.16 -7.40	45.64 2.25 -9.35	42.22 1.94 -10.92	33.24 2.05 -6.14	27.79 1.85 -2.53	25.01 1.82 -1.79	23.93 1.79 -0.85	23.26 1.63 -1.98	23.57 1.70 -1.39	24.91 1.70 -3.21	30.17 1.85 -4.59	38.40 1.71 -12.93	43.13 1.64 -17.43	37.49 1.67 -11.26	31.67 1.66 -5.59	28.96 1.34 -7.32	25.58 1.37 -8.26	24.46 1.00 -10.74
ASTORIA_GT2_1 24094	27.37 1.91 -2.76	24.76 1.56 -3.93	23.64 1.35 -5.67	23.65 1.35 -5.63	23.66 1.16 -8.11	28.61 1.34 -11.56	38.68 2.13 -7.40	45.68 2.28 -9.36	42.25 1.97 -10.92	33.27 2.08 -6.15	27.83 1.87 -2.54	25.02 1.82 -1.80	23.94 1.79 -0.86	23.29 1.65 -1.99	23.60 1.72 -1.40	24.91 1.70 -3.21	30.20 1.85 -4.62	38.49 1.73 -12.99	43.16 1.59 -17.52	37.55 1.72 -11.27	31.70 1.68 -5.60	28.96 1.34 -7.32	25.58 1.37 -8.25	24.53 1.08 -10.74
ASTORIA_GT2_2 24095	27.37 1.91 -2.76	24.76 1.56 -3.93	23.64 1.35 -5.67	23.65 1.35 -5.63	23.66 1.16 -8.11	28.61 1.34 -11.56	38.68 2.13 -7.40	45.68 2.28 -9.36	42.25 1.97 -10.92	33.27 2.08 -6.15	27.83 1.87 -2.54	25.02 1.82 -1.80	23.94 1.79 -0.86	23.29 1.65 -1.99	23.60 1.72 -1.40	24.91 1.70 -3.21	30.20 1.85 -4.62	38.49 1.73 -12.99	43.16 1.59 -17.52	37.55 1.72 -11.27	31.70 1.68 -5.60	28.96 1.34 -7.32	25.58 1.37 -8.25	24.53 1.08 -10.74
ASTORIA_GT2_3 24096	27.37 1.91 -2.76	24.76 1.56 -3.93	23.64 1.35 -5.67	23.65 1.35 -5.63	23.66 1.16 -8.11	28.61 1.34 -11.56	38.68 2.13 -7.40	45.68 2.28 -9.36	42.25 1.97 -10.92	33.27 2.08 -6.15	27.83 1.87 -2.54	25.02 1.82 -1.80	23.94 1.79 -0.86	23.29 1.65 -1.99	23.60 1.72 -1.40	24.91 1.70 -3.21	30.20 1.85 -4.62	38.49 1.73 -12.99	43.16 1.59 -17.52	37.55 1.72 -11.27	31.70 1.68 -5.60	28.96 1.34 -7.32	25.58 1.37 -8.25	24.53 1.08 -10.74
ASTORIA_GT2_4 24097	27.37 1.91 -2.76	24.76 1.56 -3.93	23.64 1.35 -5.67	23.65 1.35 -5.63	23.66 1.16 -8.11	28.61 1.34 -11.56	38.68 2.13 -7.40	45.68 2.28 -9.36	42.25 1.97 -10.92	33.27 2.08 -6.15	27.83 1.87 -2.54	25.02 1.82 -1.80	23.94 1.79 -0.86	23.29 1.65 -1.99	23.60 1.72 -1.40	24.91 1.70 -3.21	30.20 1.85 -4.62	38.49 1.73 -12.99	43.16 1.59 -17.52	37.55 1.72 -11.27	31.70 1.68 -5.60	28.96 1.34 -7.32	25.58 1.37 -8.25	24.53 1.08 -10.74
ASTORIA_GT3_1 24098	27.37 1.91 -2.76	24.76 1.56 -3.93	23.64 1.35 -5.67	23.65 1.35 -5.63	23.66 1.16 -8.11	28.61 1.34 -11.56	38.68 2.13 -7.40	45.68 2.28 -9.36	42.25 1.97 -10.92	33.27 2.08 -6.15	27.83 1.87 -2.54	25.02 1.82 -1.80	23.94 1.79 -0.86	23.29 1.65 -1.99	23.60 1.72 -1.40	24.91 1.70 -3.21	30.20 1.85 -4.62	38.49 1.73 -12.99	43.16 1.59 -17.52	37.55 1.72 -11.27	31.70 1.68 -5.60	28.96 1.34 -7.32	25.58 1.37 -8.25	24.53 1.08 -10.74
ASTORIA_GT3_2 24099	27.37 1.91 -2.76	24.76 1.56 -3.93	23.64 1.35 -5.67	23.65 1.35 -5.63	23.66 1.16 -8.11	28.61 1.34 -11.56	38.68 2.13 -7.40	45.68 2.28 -9.36	42.25 1.97 -10.92	33.27 2.08 -6.15	27.83 1.87 -2.54	25.02 1.82 -1.80	23.94 1.79 -0.86	23.29 1.65 -1.99	23.60 1.72 -1.40	24.91 1.70 -3.21	30.20 1.85 -4.62	38.49 1.73 -12.99	43.16 1.59 -17.52	37.55 1.72 -11.27	31.70 1.68 -5.60	28.96 1.34 -7.32	25.58 1.37 -8.25	24.53 1.08 -10.74
ASTORIA_GT3_3 24100	27.37 1.91 -2.76	24.76 1.56 -3.93	23.64 1.35 -5.67	23.65 1.35 -5.63	23.66 1.16 -8.11	28.61 1.34 -11.56	38.68 2.13 -7.40	45.68 2.28 -9.36	42.25 1.97 -10.92	33.27 2.08 -6.15	27.83 1.87 -2.54	25.02 1.82 -1.80	23.94 1.79 -0.86	23.29 1.65 -1.99	23.60 1.72 -1.40	24.91 1.70 -3.21	30.20 1.85 -4.62	38.49 1.73 -12.99	43.16 1.59 -17.52	37.55 1.72 -11.27	31.70 1.68 -5.60	28.96 1.34 -7.32	25.58 1.37 -8.25	24.53 1.08 -10.74
ASTORIA_GT3_4 24101	27.37 1.91 -2.76	24.76 1.56 -3.93	23.64 1.35 -5.67	23.65 1.35 -5.63	23.66 1.16 -8.11	28.61 1.34 -11.56	38.68 2.13 -7.40	45.68 2.28 -9.36	42.25 1.97 -10.92	33.27 2.08 -6.15	27.83 1.87 -2.54	25.02 1.82 -1.80	23.94 1.79 -0.86	23.29 1.65 -1.99	23.60 1.72 -1.40	24.91 1.70 -3.21	30.20 1.85 -4.62	38.49 1.73 -12.99	43.16 1.59 -17.52	37.55 1.72 -11.27	31.70 1.68 -5.60	28.96 1.34 -7.32	25.58 1.37 -8.25	24.53 1.08 -10.74
ASTORIA_GT4_1 24102	27.37 1.91 -2.76	24.76 1.56 -3.93	23.64 1.35 -5.67	23.65 1.35 -5.63	23.66 1.16 -8.11	28.61 1.34 -11.56	38.68 2.13 -7.40	45.68 2.28 -9.36	42.25 1.97 -10.92	33.27 2.08 -6.15	27.83 1.87 -2.54	25.02 1.82 -1.80	23.94 1.79 -0.86	23.29 1.65 -1.99	23.60 1.72 -1.40	24.91 1.70 -3.21	30.20 1.85 -4.62	38.49 1.73 -12.99	43.16 1.59 -17.52	37.55 1.72 -11.27	31.70 1.68 -5.60	28.96 1.34 -7.32	25.58 1.37 -8.25	24.53 1.08 -10.74
ASTORIA_GT4_2 24103	27.37 1.91 -2.76	24.76 1.56 -3.93	23.64 1.35 -5.67	23.65 1.35 -5.63	23.66 1.16 -8.11	28.61 1.34 -11.56	38.68 2.13 -7.40	45.68 2.28 -9.36	42.25 1.97 -10.92	33.27 2.08 -6.15	27.83 1.87 -2.54	25.02 1.82 -1.80	23.94 1.79 -0.86	23.29 1.65 -1.99	23.60 1.72 -1.40	24.91 1.70 -3.21	30.20 1.85 -4.62	38.49 1.73 -12.99	43.16 1.59 -17.52	37.55 1.72 -11.27	31.70 1.68 -5.60	28.96 1.34 -7.32	25.58 1.37 -8.25	24.53 1.08 -10.74
ASTORIA_GT4_3 24104	27.37 1.91 -2.76	24.76 1.56 -3.93	23.64 1.35 -5.67	23.65 1.35 -5.63	23.66 1.16 -8.11	28.61 1.34 -11.56	38.68 2.13 -7.40	45.68 2.28 -9.36	42.25 1.97 -10.92	33.27 2.08 -6.15	27.83 1.87 -2.54	25.02 1.82 -1.80	23.94 1.79 -0.86	23.29 1.65 -1.99	23.60 1.72 -1.40	24.91 1.70 -3.21	30.20 1.85 -4.62	38.49 1.73 -12.99	43.16 1.59 -17.52	37.55 1.72 -11.27	31.70 1.68 -5.60	28.96 1.34 -7.32	25.58 1.37 -8.25	24.53 1.08 -10.74
ASTORIA_GT4_4 24105	27.37 1.91 -2.76	24.76 1.56 -3.93	23.64 1.35 -5.67	23.65 1.35 -5.63	23.66 1.16 -8.11	28.61 1.34 -11.56	38.68 2.13 -7.40	45.68 2.28 -9.36	42.25 1.97 -10.92	33.27 2.08 -6.15	27.83 1.87 -2.54	25.02 1.82 -1.80	23.94 1.79 -0.86	23.29 1.65 -1.99	23.60 1.72 -1.40	24.91 1.70 -3.21	30.20 1.85 -4.62	38.49 1.73 -12.99	43.16 1.59 -17.52	37.55 1.72 -11.27	31.70 1.68 -5.60	28.96 1.34 -7.32	25.58 1.37 -8.25	24.53 1.08 -10.74
ASTORIA_GT_1 23523	27.43 1.95 -2.77	24.81 1.60 -3.94	23.68 1.38 -5.67	23.68 1.37 -5.64	23.69 1.19 -8.12	28.65 1.37 -11.57	38.77 2.21 -7.40	45.74 2.35 -9.35	42.30 2.02 -10.92	33.31 2.13 -6.14	27.87 1.92 -2.53	25.05 1.86 -1.79	23.97 1.83 -0.85	23.30 1.67 -1.98	23.61 1.74 -1.39	24.95 1.74 -3.21	30.24 1.92 -4.59	38.47 1.78 -12.93	43.20 1.71 -17.43	37.56 1.74 -11.26	31.74 1.73 -5.59	29.00 1.38 -7.32	25.62 1.40 -8.26	24.48 1.03 -10.74

ASTORIA_GT_10 24110	27.40 1.93 -2.76	24.74 1.54 -3.93	23.62 1.33 -5.67	23.62 1.32 -5.63	23.64 1.15 -8.11	28.56 1.29 -11.56	38.80 2.24 -7.40	45.85 2.45 -9.36	42.40 2.11 -10.92	33.34 2.15 -6.15	27.87 1.92 -2.54	25.00 1.80 -1.80	23.94 1.79 -0.86	23.27 1.63 -1.99	23.58 1.70 -1.40	24.89 1.68 -3.21	30.24 1.90 -4.62	38.56 1.81 -12.99	43.21 1.64 -17.52	37.62 1.79 -11.27	31.75 1.73 -5.60	29.00 1.38 -7.32	25.45 1.24 -8.25	24.48 1.03 -10.74
ASTORIA_GT_11 24225	27.40 1.93 -2.76	24.74 1.54 -3.93	23.62 1.33 -5.67	23.62 1.32 -5.63	23.64 1.15 -8.11	28.56 1.29 -11.56	38.80 2.24 -7.40	45.85 2.45 -9.36	42.40 2.11 -10.92	33.34 2.15 -6.15	27.87 1.92 -2.54	25.00 1.80 -1.80	23.94 1.79 -0.86	23.27 1.63 -1.99	23.58 1.70 -1.40	24.89 1.68 -3.21	30.24 1.90 -4.62	38.56 1.81 -12.99	43.21 1.64 -17.52	37.62 1.79 -11.27	31.75 1.73 -5.60	29.00 1.38 -7.32	25.45 1.24 -8.25	24.48 1.03 -10.74
ASTORIA_GT_12 24226	27.40 1.93 -2.76	24.74 1.54 -3.93	23.62 1.33 -5.67	23.62 1.32 -5.63	23.64 1.15 -8.11	28.56 1.29 -11.56	38.80 2.24 -7.40	45.85 2.45 -9.36	42.40 2.11 -10.92	33.34 2.15 -6.15	27.87 1.92 -2.54	25.00 1.80 -1.80	23.94 1.79 -0.86	23.27 1.63 -1.99	23.58 1.70 -1.40	24.89 1.68 -3.21	30.24 1.90 -4.62	38.56 1.81 -12.99	43.21 1.64 -17.52	37.62 1.79 -11.27	31.75 1.73 -5.60	29.00 1.38 -7.32	25.45 1.24 -8.25	24.48 1.03 -10.74
ASTORIA_GT_13 24227	27.40 1.93 -2.76	24.74 1.54 -3.93	23.62 1.33 -5.67	23.62 1.32 -5.63	23.64 1.15 -8.11	28.56 1.29 -11.56	38.80 2.24 -7.40	45.85 2.45 -9.36	42.40 2.11 -10.92	33.34 2.15 -6.15	27.87 1.92 -2.54	25.00 1.80 -1.80	23.94 1.79 -0.86	23.27 1.63 -1.99	23.58 1.70 -1.40	24.89 1.68 -3.21	30.24 1.90 -4.62	38.56 1.81 -12.99	43.21 1.64 -17.52	37.62 1.79 -11.27	31.75 1.73 -5.60	29.00 1.38 -7.32	25.45 1.24 -8.25	24.48 1.03 -10.74
ASTORIA_GT_5 24106	27.43 1.95 -2.77	24.81 1.60 -3.94	23.68 1.38 -5.67	23.68 1.37 -5.64	23.69 1.19 -8.12	28.65 1.37 -11.57	38.77 2.21 -7.40	45.74 2.35 -9.35	42.30 2.02 -10.92	33.31 2.13 -6.14	27.87 1.92 -2.53	25.05 1.86 -1.79	23.97 1.83 -0.85	23.30 1.67 -1.98	23.61 1.74 -1.39	24.95 1.74 -3.21	30.24 1.92 -4.59	38.47 1.78 -12.93	43.20 1.71 -17.43	37.56 1.74 -11.26	31.74 1.73 -5.59	29.00 1.38 -7.32	25.62 1.40 -8.26	24.48 1.03 -10.74
ASTORIA_GT_7 24107	27.43 1.95 -2.77	24.81 1.60 -3.94	23.68 1.38 -5.67	23.68 1.37 -5.64	23.69 1.19 -8.12	28.65 1.37 -11.57	38.77 2.21 -7.40	45.74 2.35 -9.35	42.30 2.02 -10.92	33.31 2.13 -6.14	27.87 1.92 -2.53	25.05 1.86 -1.79	23.97 1.83 -0.85	23.30 1.67 -1.98	23.61 1.74 -1.39	24.95 1.74 -3.21	30.24 1.92 -4.59	38.47 1.78 -12.93	43.20 1.71 -17.43	37.56 1.74 -11.26	31.74 1.73 -5.59	29.00 1.38 -7.32	25.62 1.40 -8.26	24.48 1.03 -10.74
ASTORIA_GT_8 24108	27.42 1.95 -2.76	24.80 1.60 -3.93	23.67 1.38 -5.67	23.67 1.37 -5.63	23.68 1.19 -8.11	28.64 1.37 -11.56	38.74 2.19 -7.40	45.75 2.35 -9.36	42.31 2.03 -10.92	33.32 2.13 -6.15	27.87 1.92 -2.54	25.06 1.86 -1.80	23.98 1.83 -0.86	23.31 1.67 -1.99	23.62 1.74 -1.40	24.95 1.74 -3.21	30.24 1.90 -4.62	38.53 1.78 -12.99	43.21 1.64 -17.52	37.60 1.77 -11.27	31.75 1.73 -5.60	29.00 1.38 -7.32	25.60 1.39 -8.25	24.56 1.11 -10.74
ASTORIA___2 24149	27.38 1.91 -2.77	24.77 1.56 -3.94	23.66 1.36 -5.67	23.66 1.35 -5.64	23.66 1.16 -8.12	28.62 1.33 -11.57	38.71 2.16 -7.40	45.68 2.28 -9.35	42.25 1.97 -10.92	33.26 2.08 -6.14	27.82 1.87 -2.53	25.01 1.82 -1.79	23.93 1.79 -0.85	23.26 1.63 -1.98	23.59 1.72 -1.39	24.91 1.70 -3.21	30.19 1.87 -4.59	38.42 1.73 -12.93	43.15 1.66 -17.43	37.51 1.69 -11.26	31.69 1.68 -5.59	28.96 1.34 -7.32	25.58 1.37 -8.26	24.46 1.00 -10.74
ASTORIA___3 23516	27.40 1.93 -2.77	24.75 1.54 -3.94	23.63 1.33 -5.67	23.62 1.32 -5.64	23.65 1.15 -8.12	28.57 1.29 -11.57	38.83 2.28 -7.40	45.85 2.45 -9.35	42.40 2.12 -10.92	33.34 2.15 -6.15	27.87 1.92 -2.54	25.00 1.80 -1.80	23.94 1.79 -0.86	23.27 1.63 -1.99	23.57 1.70 -1.40	24.90 1.68 -3.22	30.23 1.90 -4.60	38.50 1.80 -12.93	43.23 1.73 -17.44	37.59 1.77 -11.27	31.75 1.73 -5.60	29.00 1.38 -7.32	25.46 1.25 -8.26	24.51 1.05 -10.74
ASTORIA___4 23517	27.40 1.93 -2.76	24.74 1.54 -3.93	23.62 1.33 -5.67	23.62 1.32 -5.63	23.64 1.15 -8.11	28.56 1.29 -11.56	38.80 2.24 -7.40	45.85 2.45 -9.36	42.40 2.11 -10.92	33.34 2.15 -6.15	27.87 1.92 -2.54	25.00 1.80 -1.80	23.94 1.79 -0.86	23.27 1.63 -1.99	23.58 1.70 -1.40	24.89 1.68 -3.21	30.24 1.90 -4.62	38.56 1.81 -12.99	43.21 1.64 -17.52	37.62 1.79 -11.27	31.75 1.73 -5.60	29.00 1.38 -7.32	25.45 1.24 -8.25	24.48 1.03 -10.74
ASTORIA___5 23518	27.40 1.93 -2.77	24.75 1.54 -3.94	23.63 1.33 -5.67	23.62 1.32 -5.64	23.65 1.15 -8.12	28.57 1.29 -11.57	38.83 2.28 -7.40	45.85 2.45 -9.35	42.40 2.12 -10.92	33.34 2.15 -6.15	27.87 1.92 -2.54	25.00 1.80 -1.80	23.94 1.79 -0.86	23.27 1.63 -1.99	23.57 1.70 -1.40	24.90 1.68 -3.22	30.23 1.90 -4.60	38.50 1.80 -12.93	43.23 1.73 -17.44	37.59 1.77 -11.27	31.75 1.73 -5.60	29.00 1.38 -7.32	25.46 1.25 -8.26	24.51 1.05 -10.74
AST_ENERGY_2_CC3 323677	27.26 1.79 -2.76	24.61 1.41 -3.93	23.54 1.25 -5.67	23.52 1.22 -5.63	23.54 1.05 -8.11	28.45 1.18 -11.56	36.54 2.28 -5.11	39.03 2.62 -2.37	38.79 2.20 -7.22	33.25 2.08 -6.13	27.79 1.85 -2.52	24.96 1.76 -1.80	23.89 1.75 -0.86	23.25 1.61 -1.99	23.56 1.68 -1.40	24.86 1.64 -3.22	30.11 1.80 -4.58	38.41 1.73 -12.92	43.19 1.71 -17.42	37.55 1.74 -11.25	31.76 1.76 -5.58	29.00 1.38 -7.32	25.35 1.15 -8.25	24.41 0.97 -10.73
AST_ENERGY_2_CC4 323678	27.26 1.79 -2.76	24.61 1.41 -3.93	23.54 1.25 -5.67	23.52 1.22 -5.63	23.54 1.05 -8.11	28.45 1.18 -11.56	36.54 2.28 -5.11	39.03 2.62 -2.37	38.79 2.20 -7.22	33.25 2.08 -6.13	27.79 1.85 -2.52	24.96 1.76 -1.80	23.89 1.75 -0.86	23.25 1.61 -1.99	23.56 1.68 -1.40	24.86 1.64 -3.22	30.11 1.80 -4.58	38.41 1.73 -12.92	43.19 1.71 -17.42	37.55 1.74 -11.25	31.76 1.76 -5.58	29.00 1.38 -7.32	25.35 1.15 -8.25	24.41 0.97 -10.73
ATHENS_STG_1 23668	26.70 0.95 -3.04	24.39 0.79 -4.33	23.55 0.68 -6.24	23.54 0.67 -6.20	23.90 0.59 -8.93	29.07 0.63 -12.73	38.55 1.25 -8.15	45.81 1.46 -10.31	42.63 1.23 -12.03	32.91 1.10 -6.77	27.24 1.03 -2.80	24.32 0.94 -1.98	23.15 0.91 -0.94	22.69 0.84 -2.19	22.90 0.88 -1.54	24.40 0.86 -3.54	29.78 1.00 -5.06	38.99 1.00 -14.23	44.26 1.01 -19.19	37.96 1.01 -12.40	31.58 1.00 -6.16	29.14 0.79 -8.05	25.65 0.62 -9.08	25.04 0.52 -11.81
ATHENS_STG_2 23670	26.70 0.95 -3.04	24.39 0.79 -4.33	23.55 0.68 -6.24	23.54 0.67 -6.20	23.90 0.59 -8.93	29.07 0.63 -12.73	38.55 1.25 -8.15	45.81 1.46 -10.31	42.63 1.23 -12.03	32.91 1.10 -6.77	27.24 1.03 -2.80	24.32 0.94 -1.98	23.15 0.91 -0.94	22.69 0.84 -2.19	22.90 0.88 -1.54	24.40 0.86 -3.54	29.78 1.00 -5.06	38.99 1.00 -14.23	44.26 1.01 -19.19	37.96 1.01 -12.40	31.58 1.00 -6.16	29.14 0.79 -8.05	25.65 0.62 -9.08	25.04 0.52 -11.81

ATHENS_STG_3 23677	26.70 0.95 -3.04	24.39 0.79 -4.33	23.55 0.68 -6.24	23.54 0.67 -6.20	23.90 0.59 -8.93	29.07 0.63 -12.73	38.55 1.25 -8.15	45.81 1.46 -10.31	42.63 1.23 -12.03	32.91 1.10 -6.77	27.24 1.03 -2.80	24.32 0.94 -1.98	23.15 0.91 -0.94	22.69 0.84 -2.19	22.90 0.88 -1.54	24.40 0.86 -3.54	29.78 1.00 -5.06	38.99 1.00 -14.23	44.26 1.01 -19.19	37.96 1.01 -12.40	31.58 1.00 -6.16	29.14 0.79 -8.05	25.65 0.62 -9.08	25.04 0.52 -11.81
AUBURN____LFGE 323710	23.93 0.54 -0.68	20.72 0.48 -0.97	18.45 0.43 -1.39	18.49 0.43 -1.38	16.76 0.39 -1.99	19.13 0.58 -2.84	31.82 0.85 -1.82	37.36 1.02 -2.30	32.93 0.88 -2.69	27.48 0.93 -1.51	24.95 0.91 -0.62	22.49 0.64 -0.44	22.05 0.55 -0.21	20.65 0.51 -0.49	21.48 0.66 -0.34	21.80 1.00 -0.79	25.37 0.52 -1.12	27.31 0.40 -3.14	28.82 0.53 -4.24	27.50 0.37 -2.58	26.18 0.49 -1.28	22.25 0.28 -1.67	18.05 0.21 -1.89	15.31 0.14 -2.45
BABYLON_RES_REC 323704	27.92 2.45 -2.76	25.74 2.06 -4.41	24.45 1.76 -6.06	24.02 1.72 -5.63	25.94 1.52 -10.03	35.40 1.73 -17.96	43.02 3.32 -10.55	52.99 3.85 -15.11	45.12 3.29 -12.47	35.31 2.93 -7.35	33.43 2.69 -7.33	28.74 2.44 -4.90	25.04 2.41 -1.35	26.45 2.24 -4.56	27.57 2.33 -4.76	30.82 2.30 -8.52	36.12 2.68 -9.72	42.26 2.61 -15.88	48.37 2.67 -21.65	46.08 2.63 -18.90	37.99 2.71 -10.87	36.12 2.09 -13.73	33.84 1.66 -16.23	30.55 1.37 -16.46
BABYLON__69_KV_BK2 356345	28.24 2.77 -2.76	26.06 2.39 -4.40	24.73 2.05 -6.05	24.28 1.98 -5.63	26.17 1.77 -10.03	35.63 1.96 -17.95	43.57 3.88 -10.54	53.64 4.49 -15.10	45.70 3.88 -12.46	35.71 3.33 -7.34	33.78 3.04 -7.32	29.06 2.76 -4.89	25.37 2.75 -1.34	26.78 2.57 -4.55	27.94 2.70 -4.76	31.13 2.62 -8.50	36.54 3.08 -9.73	42.73 3.04 -15.93	48.78 3.01 -21.72	46.55 3.09 -18.90	38.41 3.13 -10.86	36.46 2.44 -13.73	34.11 1.93 -16.22	30.73 1.56 -16.45
BALL_HILL_WT_PWR 323825	23.45 -0.02 -0.77	20.46 0.10 -1.09	18.34 0.13 -1.58	18.32 0.08 -1.57	16.71 0.07 -2.26	18.99 0.06 -3.22	30.83 -0.38 -2.06	35.92 -0.72 -2.59	31.83 -0.56 -3.03	26.37 -0.37 -1.70	24.00 -0.12 -0.70	21.54 -0.36 -0.50	21.04 -0.49 -0.24	19.85 -0.35 -0.55	20.41 -0.45 -0.39	20.45 -0.44 -0.89	24.35 -0.62 -1.24	26.60 -0.64 -3.48	28.24 -0.51 -4.69	26.64 -0.93 -3.01	25.26 -0.66 -1.50	21.71 -0.55 -1.96	17.84 -0.32 -2.21	15.34 -0.24 -2.87
BARON_WINDS____WT_PWR 323822	23.80 0.18 -0.91	20.80 0.23 -1.30	18.71 0.22 -1.87	18.72 0.20 -1.85	17.22 0.17 -2.67	19.68 0.16 -3.81	31.62 0.03 -2.44	36.96 -0.17 -3.09	32.82 -0.15 -3.61	27.00 -0.07 -2.03	24.32 0.07 -0.84	21.85 -0.15 -0.59	21.28 -0.30 -0.28	20.07 -0.23 -0.66	20.67 -0.27 -0.46	20.85 -0.22 -1.06	24.92 -0.28 -1.47	27.57 -0.33 -4.14	29.42 -0.22 -5.58	27.65 -0.49 -3.59	25.81 -0.39 -1.78	22.28 -0.35 -2.33	18.37 -0.21 -2.63	15.97 -0.17 -3.42
BARRETT_IC_1 23704	27.53 2.07 -2.76	25.37 1.70 -4.41	24.15 1.46 -6.06	23.71 1.42 -5.63	25.68 1.27 -10.03	35.07 1.40 -17.96	42.32 2.62 -10.54	52.17 3.03 -15.10	44.41 2.58 -12.47	34.81 2.43 -7.34	32.89 2.15 -7.33	28.31 2.01 -4.90	24.61 1.98 -1.34	26.04 1.83 -4.56	27.14 1.90 -4.76	30.40 1.88 -8.51	35.51 2.06 -9.71	41.64 2.00 -15.88	47.72 2.02 -21.65	45.49 2.04 -18.89	37.33 2.05 -10.86	35.65 1.62 -13.73	33.52 1.34 -16.23	30.30 1.13 -16.45
BARRETT_IC_10 23701	27.53 2.07 -2.76	25.37 1.70 -4.41	24.15 1.46 -6.06	23.71 1.42 -5.63	25.68 1.27 -10.03	35.07 1.40 -17.96	42.32 2.62 -10.54	52.17 3.03 -15.10	44.41 2.58 -12.47	34.81 2.43 -7.34	32.89 2.15 -7.33	28.31 2.01 -4.90	24.61 1.98 -1.34	26.04 1.83 -4.56	27.14 1.90 -4.76	30.40 1.88 -8.51	35.51 2.06 -9.71	41.64 2.00 -15.88	47.72 2.02 -21.65	45.49 2.04 -18.89	37.33 2.05 -10.86	35.65 1.62 -13.73	33.52 1.34 -16.23	30.30 1.13 -16.45
BARRETT_IC_11 23702	27.53 2.07 -2.76	25.37 1.70 -4.41	24.15 1.46 -6.06	23.71 1.42 -5.63	25.68 1.27 -10.03	35.07 1.40 -17.96	42.32 2.62 -10.54	52.17 3.03 -15.10	44.41 2.58 -12.47	34.81 2.43 -7.34	32.89 2.15 -7.33	28.31 2.01 -4.90	24.61 1.98 -1.34	26.04 1.83 -4.56	27.14 1.90 -4.76	30.40 1.88 -8.51	35.51 2.06 -9.71	41.64 2.00 -15.88	47.72 2.02 -21.65	45.49 2.04 -18.89	37.33 2.05 -10.86	35.65 1.62 -13.73	33.52 1.34 -16.23	30.30 1.13 -16.45
BARRETT_IC_12 23703	27.53 2.07 -2.76	25.37 1.70 -4.41	24.15 1.46 -6.06	23.71 1.42 -5.63	25.68 1.27 -10.03	35.07 1.40 -17.96	42.32 2.62 -10.54	52.17 3.03 -15.10	44.41 2.58 -12.47	34.81 2.43 -7.34	32.89 2.15 -7.33	28.31 2.01 -4.90	24.61 1.98 -1.34	26.04 1.83 -4.56	27.14 1.90 -4.76	30.40 1.88 -8.51	35.51 2.06 -9.71	41.64 2.00 -15.88	47.72 2.02 -21.65	45.49 2.04 -18.89	37.33 2.05 -10.86	35.65 1.62 -13.73	33.52 1.34 -16.23	30.30 1.13 -16.45
BARRETT_IC_2 23705	27.53 2.07 -2.76	25.37 1.70 -4.41	24.15 1.46 -6.06	23.71 1.42 -5.63	25.68 1.27 -10.03	35.07 1.40 -17.96	42.32 2.62 -10.54	52.17 3.03 -15.10	44.41 2.58 -12.47	34.81 2.43 -7.34	32.89 2.15 -7.33	28.31 2.01 -4.90	24.61 1.98 -1.34	26.04 1.83 -4.56	27.14 1.90 -4.76	30.40 1.88 -8.51	35.51 2.06 -9.71	41.64 2.00 -15.88	47.72 2.02 -21.65	45.49 2.04 -18.89	37.33 2.05 -10.86	35.65 1.62 -13.73	33.52 1.34 -16.23	30.30 1.13 -16.45
BARRETT_IC_3 23706	27.53 2.07 -2.76	25.37 1.70 -4.41	24.15 1.46 -6.06	23.71 1.42 -5.63	25.68 1.27 -10.03	35.07 1.40 -17.96	42.32 2.62 -10.54	52.17 3.03 -15.10	44.41 2.58 -12.47	34.81 2.43 -7.34	32.89 2.15 -7.33	28.31 2.01 -4.90	24.61 1.98 -1.34	26.04 1.83 -4.56	27.14 1.90 -4.76	30.40 1.88 -8.51	35.51 2.06 -9.71	41.64 2.00 -15.88	47.72 2.02 -21.65	45.49 2.04 -18.89	37.33 2.05 -10.86	35.65 1.62 -13.73	33.52 1.34 -16.23	30.30 1.13 -16.45
BARRETT_IC_4 23707	27.53 2.07 -2.76	25.37 1.70 -4.41	24.15 1.46 -6.06	23.71 1.42 -5.63	25.68 1.27 -10.03	35.07 1.40 -17.96	42.32 2.62 -10.54	52.17 3.03 -15.10	44.41 2.58 -12.47	34.81 2.43 -7.34	32.89 2.15 -7.33	28.31 2.01 -4.90	24.61 1.98 -1.34	26.04 1.83 -4.56	27.14 1.90 -4.76	30.40 1.88 -8.51	35.51 2.06 -9.71	41.64 2.00 -15.88	47.72 2.02 -21.65	45.49 2.04 -18.89	37.33 2.05 -10.86	35.65 1.62 -13.73	33.52 1.34 -16.23	30.30 1.13 -16.45
BARRETT_IC_5 23708	27.53 2.07 -2.76	25.37 1.70 -4.41	24.15 1.46 -6.06	23.71 1.42 -5.63	25.68 1.27 -10.03	35.07 1.40 -17.96	42.32 2.62 -10.54	52.17 3.03 -15.10	44.41 2.58 -12.47	34.81 2.43 -7.34	32.89 2.15 -7.33	28.31 2.01 -4.90	24.61 1.98 -1.34	26.04 1.83 -4.56	27.14 1.90 -4.76	30.40 1.88 -8.51	35.51 2.06 -9.71	41.64 2.00 -15.88	47.72 2.02 -21.65	45.49 2.04 -18.89	37.33 2.05 -10.86	35.65 1.62 -13.73	33.52 1.34 -16.23	30.30 1.13 -16.45
BARRETT_IC_6 23709	27.53 2.07 -2.76	25.37 1.70 -4.41	24.15 1.46 -6.06	23.71 1.42 -5.63	25.68 1.27 -10.03	35.07 1.40 -17.96	42.32 2.62 -10.54	52.17 3.03 -15.10	44.41 2.58 -12.47	34.81 2.43 -7.34	32.89 2.15 -7.33	28.31 2.01 -4.90	24.61 1.98 -1.34	26.04 1.83 -4.56	27.14 1.90 -4.76	30.40 1.88 -8.51	35.51 2.06 -9.71	41.64 2.00 -15.88	47.72 2.02 -21.65	45.49 2.04 -18.89	37.33 2.05 -10.86	35.65 1.62 -13.73	33.52 1.34 -16.23	30.30 1.13 -16.45

BARRETT_IC_7 23710	27.53 2.07 -2.76	25.36 1.70 -4.40	24.14 1.46 -6.05	23.72 1.42 -5.63	25.67 1.27 -10.02	35.06 1.40 -17.95	42.31 2.62 -10.54	52.17 3.03 -15.10	44.41 2.58 -12.46	34.81 2.43 -7.34	32.89 2.15 -7.32	28.31 2.01 -4.89	24.61 1.98 -1.34	26.03 1.83 -4.55	27.13 1.90 -4.75	30.38 1.88 -8.50	35.52 2.06 -9.72	41.68 2.00 -15.93	47.72 1.95 -21.71	45.51 2.06 -18.89	37.33 2.05 -10.86	35.64 1.62 -13.72	33.50 1.32 -16.22	30.29 1.12 -16.45
BARRETT_IC_8 23711	27.53 2.07 -2.76	25.37 1.70 -4.41	24.15 1.46 -6.06	23.71 1.42 -5.63	25.68 1.27 -10.03	35.07 1.40 -17.96	42.32 2.62 -10.54	52.17 3.03 -15.10	44.41 2.58 -12.47	34.81 2.43 -7.34	32.89 2.15 -7.33	28.31 2.01 -4.90	24.61 1.98 -1.34	26.04 1.83 -4.56	27.14 1.90 -4.76	30.40 1.88 -8.51	35.51 2.06 -9.71	41.64 2.00 -15.88	47.72 2.02 -21.65	45.49 2.04 -18.89	37.33 2.05 -10.86	35.65 1.62 -13.73	33.52 1.34 -16.23	30.30 1.13 -16.45
BARRETT_IC_9 23700	27.53 2.07 -2.76	25.37 1.70 -4.41	24.15 1.46 -6.06	23.71 1.42 -5.63	25.68 1.27 -10.03	35.07 1.40 -17.96	42.32 2.62 -10.54	52.17 3.03 -15.10	44.41 2.58 -12.47	34.81 2.43 -7.34	32.89 2.15 -7.33	28.31 2.01 -4.90	24.61 1.98 -1.34	26.04 1.83 -4.56	27.14 1.90 -4.76	30.40 1.88 -8.51	35.51 2.06 -9.71	41.64 2.00 -15.88	47.72 2.02 -21.65	45.49 2.04 -18.89	37.33 2.05 -10.86	35.65 1.62 -13.73	33.52 1.34 -16.23	30.30 1.13 -16.45
BARRETT___1 23545	27.53 2.07 -2.76	25.37 1.70 -4.41	24.15 1.46 -6.06	23.71 1.42 -5.63	25.68 1.27 -10.03	35.07 1.40 -17.96	42.32 2.62 -10.54	52.17 3.03 -15.10	44.41 2.58 -12.47	34.81 2.43 -7.34	32.89 2.15 -7.33	28.31 2.01 -4.90	24.61 1.98 -1.34	26.04 1.83 -4.56	27.14 1.90 -4.76	30.40 1.88 -8.51	35.51 2.06 -9.71	41.64 2.00 -15.88	47.72 2.02 -21.65	45.49 2.04 -18.89	37.33 2.05 -10.86	35.65 1.62 -13.73	33.52 1.34 -16.23	30.30 1.13 -16.45
BARRETT___2 23546	27.53 2.07 -2.76	25.37 1.70 -4.41	24.15 1.46 -6.06	23.71 1.42 -5.63	25.68 1.27 -10.03	35.07 1.40 -17.96	42.32 2.62 -10.54	52.17 3.03 -15.10	44.41 2.58 -12.47	34.81 2.43 -7.34	32.89 2.15 -7.33	28.31 2.01 -4.90	24.61 1.98 -1.34	26.04 1.83 -4.56	27.14 1.90 -4.76	30.40 1.88 -8.51	35.51 2.06 -9.71	41.64 2.00 -15.88	47.72 2.02 -21.65	45.49 2.04 -18.89	37.33 2.05 -10.86	35.65 1.62 -13.73	33.52 1.34 -16.23	30.30 1.13 -16.45
BATAVIA___115KV_TB1 55881	23.64 0.23 -0.70	20.54 0.27 -1.00	18.36 0.30 -1.44	18.38 0.28 -1.43	16.66 0.22 -2.06	18.82 0.17 -2.94	30.94 -0.09 -1.88	36.11 -0.31 -2.37	31.99 -0.15 -2.77	26.60 0.00 -1.56	24.25 0.19 -0.64	21.75 -0.11 -0.46	21.25 -0.26 -0.22	20.00 -0.16 -0.50	20.63 -0.20 -0.35	20.62 -0.20 -0.81	24.59 -0.31 -1.17	26.74 -0.31 -3.28	28.05 -0.43 -4.43	26.93 -0.39 -2.77	25.45 -0.34 -1.38	21.85 -0.24 -1.80	17.89 -0.10 -2.03	15.30 -0.05 -2.64
BAYONEEC___CTG1 323682	27.30 1.84 -2.76	24.67 1.46 -3.93	23.56 1.26 -5.67	23.53 1.23 -5.63	23.57 1.08 -8.11	28.50 1.23 -11.56	38.89 2.33 -7.40	46.09 2.69 -9.36	42.58 2.29 -10.92	33.34 2.15 -6.15	27.90 1.94 -2.54	25.02 1.82 -1.80	23.94 1.79 -0.86	23.29 1.65 -1.99	23.60 1.72 -1.40	24.92 1.70 -3.22	30.23 1.90 -4.60	38.50 1.80 -12.93	43.25 1.76 -17.44	37.62 1.79 -11.27	31.87 1.85 -5.60	29.06 1.44 -7.32	25.37 1.16 -8.25	24.45 1.00 -10.73
BAYONEEC___CTG10 323750	27.30 1.84 -2.76	24.67 1.46 -3.93	23.56 1.26 -5.67	23.53 1.23 -5.63	23.57 1.08 -8.11	28.50 1.23 -11.56	38.89 2.33 -7.40	46.09 2.69 -9.36	42.58 2.29 -10.92	33.34 2.15 -6.15	27.90 1.94 -2.54	25.02 1.82 -1.80	23.94 1.79 -0.86	23.29 1.65 -1.99	23.60 1.72 -1.40	24.92 1.70 -3.22	30.23 1.90 -4.60	38.50 1.80 -12.93	43.25 1.76 -17.44	37.62 1.79 -11.27	31.87 1.85 -5.60	29.06 1.44 -7.32	25.37 1.16 -8.25	24.45 1.00 -10.73
BAYONEEC___CTG2 323683	27.30 1.84 -2.76	24.67 1.46 -3.93	23.56 1.26 -5.67	23.53 1.23 -5.63	23.57 1.08 -8.11	28.50 1.23 -11.56	38.89 2.33 -7.40	46.09 2.69 -9.36	42.58 2.29 -10.92	33.34 2.15 -6.15	27.90 1.94 -2.54	25.02 1.82 -1.80	23.94 1.79 -0.86	23.29 1.65 -1.99	23.60 1.72 -1.40	24.92 1.70 -3.22	30.23 1.90 -4.60	38.50 1.80 -12.93	43.25 1.76 -17.44	37.62 1.79 -11.27	31.87 1.85 -5.60	29.06 1.44 -7.32	25.37 1.16 -8.25	24.45 1.00 -10.73
BAYONEEC___CTG3 323684	27.30 1.84 -2.76	24.67 1.46 -3.93	23.56 1.26 -5.67	23.53 1.23 -5.63	23.57 1.08 -8.11	28.50 1.23 -11.56	38.89 2.33 -7.40	46.09 2.69 -9.36	42.58 2.29 -10.92	33.34 2.15 -6.15	27.90 1.94 -2.54	25.02 1.82 -1.80	23.94 1.79 -0.86	23.29 1.65 -1.99	23.60 1.72 -1.40	24.92 1.70 -3.22	30.23 1.90 -4.60	38.50 1.80 -12.93	43.25 1.76 -17.44	37.62 1.79 -11.27	31.87 1.85 -5.60	29.06 1.44 -7.32	25.37 1.16 -8.25	24.45 1.00 -10.73
BAYONEEC___CTG4 323685	27.30 1.84 -2.76	24.67 1.46 -3.93	23.56 1.26 -5.67	23.53 1.23 -5.63	23.57 1.08 -8.11	28.50 1.23 -11.56	38.89 2.33 -7.40	46.09 2.69 -9.36	42.58 2.29 -10.92	33.34 2.15 -6.15	27.90 1.94 -2.54	25.02 1.82 -1.80	23.94 1.79 -0.86	23.29 1.65 -1.99	23.60 1.72 -1.40	24.92 1.70 -3.22	30.23 1.90 -4.60	38.50 1.80 -12.93	43.25 1.76 -17.44	37.62 1.79 -11.27	31.87 1.85 -5.60	29.06 1.44 -7.32	25.37 1.16 -8.25	24.45 1.00 -10.73
BAYONEEC___CTG5 323686	27.30 1.84 -2.76	24.67 1.46 -3.93	23.56 1.26 -5.67	23.53 1.23 -5.63	23.57 1.08 -8.11	28.50 1.23 -11.56	38.89 2.33 -7.40	46.09 2.69 -9.36	42.58 2.29 -10.92	33.34 2.15 -6.15	27.90 1.94 -2.54	25.02 1.82 -1.80	23.94 1.79 -0.86	23.29 1.65 -1.99	23.60 1.72 -1.40	24.92 1.70 -3.22	30.23 1.90 -4.60	38.50 1.80 -12.93	43.25 1.76 -17.44	37.62 1.79 -11.27	31.87 1.85 -5.60	29.06 1.44 -7.32	25.37 1.16 -8.25	24.45 1.00 -10.73
BAYONEEC___CTG6 323687	27.30 1.84 -2.76	24.67 1.46 -3.93	23.56 1.26 -5.67	23.53 1.23 -5.63	23.57 1.08 -8.11	28.50 1.23 -11.56	38.89 2.33 -7.40	46.09 2.69 -9.36	42.58 2.29 -10.92	33.34 2.15 -6.15	27.90 1.94 -2.54	25.02 1.82 -1.80	23.94 1.79 -0.86	23.29 1.65 -1.99	23.60 1.72 -1.40	24.92 1.70 -3.22	30.23 1.90 -4.60	38.50 1.80 -12.93	43.25 1.76 -17.44	37.62 1.79 -11.27	31.87 1.85 -5.60	29.06 1.44 -7.32	25.37 1.16 -8.25	24.45 1.00 -10.73
BAYONEEC___CTG7 323688	27.30 1.84 -2.76	24.67 1.46 -3.93	23.56 1.26 -5.67	23.53 1.23 -5.63	23.57 1.08 -8.11	28.50 1.23 -11.56	38.89 2.33 -7.40	46.09 2.69 -9.36	42.58 2.29 -10.92	33.34 2.15 -6.15	27.90 1.94 -2.54	25.02 1.82 -1.80	23.94 1.79 -0.86	23.29 1.65 -1.99	23.60 1.72 -1.40	24.92 1.70 -3.22	30.23 1.90 -4.60	38.50 1.80 -12.93	43.25 1.76 -17.44	37.62 1.79 -11.27	31.87 1.85 -5.60	29.06 1.44 -7.32	25.37 1.16 -8.25	24.45 1.00 -10.73
BAYONEEC___CTG8 323689	27.30 1.84 -2.76	24.67 1.46 -3.93	23.56 1.26 -5.67	23.53 1.23 -5.63	23.57 1.08 -8.11	28.50 1.23 -11.56	38.89 2.33 -7.40	46.09 2.69 -9.36	42.58 2.29 -10.92	33.34 2.15 -6.15	27.90 1.94 -2.54	25.02 1.82 -1.80	23.94 1.79 -0.86	23.29 1.65 -1.99	23.60 1.72 -1.40	24.92 1.70 -3.22	30.23 1.90 -4.60	38.50 1.80 -12.93	43.25 1.76 -17.44	37.62 1.79 -11.27	31.87 1.85 -5.60	29.06 1.44 -7.32	25.37 1.16 -8.25	24.45 1.00 -10.73

BAYONEEC___CTG9 323749	27.30 1.84 -2.76	24.67 1.46 -3.93	23.56 1.26 -5.67	23.53 1.23 -5.63	23.57 1.08 -8.11	28.50 1.23 -11.56	38.89 2.33 -7.40	46.09 2.69 -9.36	42.58 2.29 -10.92	33.34 2.15 -6.15	27.90 1.94 -2.54	25.02 1.82 -1.80	23.94 1.79 -0.86	23.29 1.65 -1.99	23.60 1.72 -1.40	24.92 1.70 -3.22	30.23 1.90 -4.60	38.50 1.80 -12.93	43.25 1.76 -17.44	37.62 1.79 -11.27	31.87 1.85 -5.60	29.06 1.44 -7.32	25.37 1.16 -8.25	24.45 1.00 -10.73
BEACON___LESR 323632	26.80 0.70 -3.39	24.83 0.73 -4.83	24.24 0.65 -6.96	24.26 0.67 -6.92	24.89 0.55 -9.97	30.43 0.52 -14.20	39.35 1.11 -9.09	46.96 1.43 -11.49	44.03 1.26 -13.40	33.51 0.93 -7.55	27.35 0.82 -3.11	24.36 0.75 -2.21	23.09 0.74 -1.05	22.78 0.69 -2.44	22.91 0.72 -1.72	24.64 0.70 -3.93	30.18 0.83 -5.62	40.54 0.95 -15.82	46.35 0.96 -21.34	39.33 0.98 -13.79	32.22 0.95 -6.85	30.04 0.79 -8.95	26.64 0.59 -10.09	26.29 0.44 -13.13
BEAVER RIVER___HYD 24048	23.04 0.11 -0.22	19.71 0.14 -0.31	17.15 0.08 -0.44	17.24 0.13 -0.44	12.84 0.10 1.65	15.51 0.11 0.31	25.14 0.50 4.51	29.45 0.61 5.20	25.69 0.59 4.26	21.35 0.20 3.89	23.46 0.07 0.03	21.54 0.00 -0.14	21.29 -0.06 -0.07	17.42 -0.08 2.15	19.08 -0.10 1.29	19.44 0.00 0.57	20.86 -0.07 2.80	21.72 0.12 2.17	22.07 0.19 2.18	21.29 0.12 3.39	20.60 0.02 3.84	16.85 0.06 3.51	13.51 -0.02 2.43	11.33 -0.06 1.32
BEEBEE_GT_13 23619	23.54 0.18 -0.65	20.41 0.21 -0.93	18.18 0.22 -1.34	18.22 0.22 -1.33	16.45 0.16 -1.92	18.60 0.16 -2.73	30.87 -0.03 -1.75	36.11 -0.14 -2.21	31.94 0.00 -2.58	26.64 0.15 -1.45	24.32 0.30 -0.60	21.89 0.06 -0.42	21.45 -0.04 -0.20	20.12 0.00 -0.47	20.77 -0.04 -0.33	20.74 -0.02 -0.76	24.72 -0.09 -1.09	26.70 -0.12 -3.05	28.01 -0.17 -4.12	26.94 -0.20 -2.58	25.53 -0.17 -1.28	21.85 -0.12 -1.67	17.81 -0.03 -1.89	15.16 -0.01 -2.45
BENSHRST_27_KV_BENSHRST_1 355998	27.65 2.18 -2.76	24.92 1.71 -3.93	23.76 1.46 -5.67	23.75 1.45 -5.63	23.76 1.27 -8.11	28.70 1.43 -11.56	38.97 2.42 -7.40	46.09 2.69 -9.36	42.61 2.32 -10.92	33.54 2.35 -6.15	28.01 2.06 -2.54	25.13 1.93 -1.80	24.04 1.89 -0.86	23.37 1.73 -1.99	23.70 1.82 -1.40	25.03 1.82 -3.21	30.43 2.09 -4.62	38.77 2.02 -12.99	43.45 1.88 -17.52	37.84 2.01 -11.27	31.90 1.88 -5.60	29.16 1.54 -7.32	25.56 1.36 -8.25	24.58 1.13 -10.74
BETHLEHEM___GRP 23843	26.44 0.34 -3.39	24.55 0.44 -4.84	24.03 0.43 -6.97	24.03 0.43 -6.93	24.69 0.33 -9.98	30.19 0.25 -14.22	38.78 0.52 -9.10	46.34 0.78 -11.52	43.48 0.68 -13.44	33.13 0.53 -7.57	27.01 0.47 -3.12	24.08 0.47 -2.21	22.83 0.49 -1.05	22.55 0.45 -2.45	22.67 0.47 -1.72	24.39 0.44 -3.94	29.85 0.47 -5.65	40.15 0.50 -15.89	45.98 0.51 -21.42	38.88 0.52 -13.80	31.79 0.51 -6.86	29.67 0.41 -8.97	26.36 0.30 -10.11	26.09 0.23 -13.15
BETHLEHEM___GS1 323560	26.44 0.34 -3.39	24.55 0.44 -4.84	24.01 0.42 -6.97	24.03 0.43 -6.93	24.69 0.33 -9.98	30.19 0.25 -14.22	38.78 0.53 -9.10	46.32 0.78 -11.50	43.46 0.68 -13.42	33.12 0.53 -7.55	27.00 0.47 -3.12	24.08 0.47 -2.21	22.83 0.49 -1.05	22.55 0.45 -2.44	22.67 0.47 -1.72	24.38 0.44 -3.94	29.83 0.47 -5.63	40.10 0.50 -15.84	45.92 0.51 -21.36	38.87 0.52 -13.80	31.79 0.51 -6.86	29.67 0.41 -8.96	26.36 0.30 -10.10	26.09 0.23 -13.14
BETHLEHEM___GS2 323561	26.44 0.34 -3.39	24.55 0.44 -4.84	24.01 0.42 -6.97	24.03 0.43 -6.93	24.69 0.33 -9.98	30.19 0.25 -14.22	38.78 0.53 -9.10	46.32 0.78 -11.50	43.46 0.68 -13.42	33.12 0.53 -7.55	27.00 0.47 -3.12	24.08 0.47 -2.21	22.83 0.49 -1.05	22.55 0.45 -2.44	22.67 0.47 -1.72	24.38 0.44 -3.94	29.83 0.47 -5.63	40.10 0.50 -15.84	45.92 0.51 -21.36	38.87 0.52 -13.80	31.79 0.51 -6.86	29.67 0.41 -8.96	26.36 0.30 -10.10	26.09 0.23 -13.14
BETHLEHEM___GS3 323562	26.44 0.34 -3.39	24.55 0.44 -4.84	24.01 0.42 -6.97	24.03 0.43 -6.93	24.69 0.33 -9.98	30.19 0.25 -14.22	38.78 0.53 -9.10	46.32 0.78 -11.50	43.46 0.68 -13.42	33.12 0.53 -7.55	27.00 0.47 -3.12	24.08 0.47 -2.21	22.83 0.49 -1.05	22.55 0.45 -2.44	22.67 0.47 -1.72	24.38 0.44 -3.94	29.83 0.47 -5.63	40.10 0.50 -15.84	45.92 0.51 -21.36	38.87 0.52 -13.80	31.79 0.51 -6.86	29.67 0.41 -8.96	26.36 0.30 -10.10	26.09 0.23 -13.14
BETHLEHEM___STEEL 23779	23.39 -0.07 -0.76	20.38 0.04 -1.08	18.28 0.10 -1.55	18.26 0.05 -1.54	16.63 0.03 -2.22	18.88 0.00 -3.17	30.68 -0.50 -2.03	35.64 -0.95 -2.55	31.64 -0.70 -2.98	26.22 -0.50 -1.68	23.90 -0.21 -0.69	21.44 -0.45 -0.49	20.93 -0.60 -0.23	19.74 -0.45 -0.54	20.33 -0.53 -0.38	20.36 -0.52 -0.88	24.28 -0.71 -1.26	26.59 -0.71 -3.54	27.94 -0.89 -4.77	26.66 -0.88 -2.98	25.14 -0.76 -1.48	21.63 -0.61 -1.94	17.79 -0.35 -2.18	15.33 -0.23 -2.84
BETHLHEM_115KV_TB1 79974	26.55 0.45 -3.39	24.60 0.50 -4.83	24.07 0.48 -6.96	24.06 0.47 -6.92	24.72 0.37 -9.97	30.23 0.31 -14.21	38.92 0.67 -9.09	46.43 0.89 -11.50	43.55 0.76 -13.42	33.20 0.60 -7.56	27.10 0.56 -3.12	24.15 0.54 -2.21	22.87 0.53 -1.05	22.61 0.51 -2.44	22.73 0.53 -1.72	24.44 0.50 -3.94	29.92 0.55 -5.64	40.23 0.59 -15.88	46.04 0.58 -21.41	38.94 0.59 -13.80	31.86 0.59 -6.86	29.72 0.47 -8.96	26.41 0.35 -10.10	26.13 0.28 -13.14
BETHPAGE_CC_5 323564	27.72 2.25 -2.76	25.54 1.87 -4.41	24.29 1.60 -6.06	23.85 1.55 -5.63	25.79 1.38 -10.03	35.24 1.57 -17.96	42.64 2.94 -10.55	52.55 3.40 -15.11	44.77 2.94 -12.47	35.07 2.68 -7.35	33.25 2.51 -7.33	28.59 2.29 -4.90	24.89 2.26 -1.35	26.31 2.10 -4.56	27.43 2.19 -4.76	30.66 2.14 -8.52	35.93 2.49 -9.71	42.07 2.42 -15.88	48.18 2.48 -21.65	45.91 2.46 -18.89	37.77 2.49 -10.87	35.98 1.95 -13.73	33.73 1.55 -16.23	30.44 1.27 -16.46
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	23.35 -0.11 -0.76	20.35 0.00 -1.08	18.25 0.07 -1.56	18.24 0.02 -1.55	16.62 0.00 -2.24	18.88 -0.02 -3.19	30.67 -0.52 -2.04	35.66 -0.95 -2.57	31.66 -0.70 -3.00	26.20 -0.53 -1.69	23.88 -0.23 -0.70	21.40 -0.49 -0.49	20.91 -0.62 -0.23	19.73 -0.47 -0.55	20.29 -0.57 -0.38	20.34 -0.54 -0.88	24.26 -0.74 -1.27	26.58 -0.74 -3.56	27.94 -0.91 -4.80	26.65 -0.91 -3.00	25.13 -0.78 -1.49	21.62 -0.63 -1.95	17.77 -0.38 -2.20	15.32 -0.25 -2.86
BINGHAMTON___COGEN 23790	24.44 0.57 -1.17	21.43 0.50 -1.66	19.47 0.45 -2.40	19.50 0.45 -2.38	18.20 0.39 -3.43	21.01 0.41 -4.89	33.04 0.76 -3.13	38.85 0.85 -3.96	34.69 0.70 -4.62	28.19 0.55 -2.60	25.07 0.59 -1.07	22.55 0.39 -0.76	21.95 0.30 -0.36	20.79 0.29 -0.84	21.40 0.33 -0.59	21.70 0.34 -1.36	26.02 0.33 -1.96	29.65 0.38 -5.51	31.82 0.34 -7.43	29.53 0.34 -4.63	27.06 0.34 -2.30	23.59 0.28 -3.01	19.59 0.24 -3.39	17.31 0.18 -4.41
BIXINCNT_115KV_LOAD 355685	22.94 -0.54 -0.78	20.04 -0.35 -1.12	18.02 -0.22 -1.61	17.90 -0.37 -1.60	16.31 -0.37 -2.30	18.61 -0.38 -3.28	30.20 -1.05 -2.10	35.18 -1.50 -2.63	31.32 -1.12 -3.07	25.84 -0.93 -1.73	23.64 -0.49 -0.71	20.82 -1.09 -0.51	20.38 -1.15 -0.24	19.31 -0.90 -0.56	19.81 -1.06 -0.39	20.01 -0.90 -0.90	23.86 -1.16 -1.30	26.25 -1.16 -3.65	27.58 -1.40 -4.92	26.11 -1.52 -3.08	24.63 -1.32 -1.53	21.16 -1.14 -2.00	17.44 -0.77 -2.25	15.06 -0.58 -2.93

BLACK RIVER___HYD 24047	23.18 0.16 -0.31	19.88 0.17 -0.44	17.40 0.13 -0.64	17.49 0.18 -0.63	13.86 0.14 0.67	16.36 0.19 -0.46	27.10 0.64 2.69	31.91 0.92 3.05	27.78 0.73 2.31	23.01 0.30 2.33	23.68 0.14 -0.13	21.61 0.00 -0.20	21.30 -0.08 -0.10	18.18 -0.10 1.38	19.52 -0.14 0.81	19.94 0.14 0.20	22.03 -0.02 1.67	23.23 0.21 0.75	23.89 0.34 0.50	23.12 0.27 1.70	22.23 0.15 2.34	18.43 0.14 2.01	14.80 0.05 1.21	12.40 -0.01 0.30
BLACKRVR_115KV_TB2 79977	23.18 0.16 -0.31	19.89 0.17 -0.44	17.40 0.13 -0.64	17.49 0.18 -0.63	13.86 0.14 0.67	16.36 0.19 -0.46	27.11 0.64 2.69	31.91 0.92 3.05	27.78 0.73 2.31	23.01 0.30 2.33	23.68 0.14 -0.13	21.65 0.04 -0.20	21.30 -0.09 -0.10	18.18 -0.10 1.38	19.52 -0.14 0.81	19.92 0.14 0.23	22.08 -0.02 1.62	23.35 0.21 0.62	24.04 0.31 0.33	23.11 0.27 1.72	22.22 0.15 2.35	18.41 0.14 2.02	14.78 0.05 1.22	12.39 -0.01 0.31
BLISS_WT_PWR 323608	22.83 -0.66 -0.78	19.92 -0.46 -1.12	17.92 -0.32 -1.61	17.78 -0.48 -1.60	16.19 -0.49 -2.30	18.52 -0.47 -3.28	29.97 -1.28 -2.10	34.90 -1.77 -2.63	31.14 -1.29 -3.07	25.72 -1.05 -1.73	23.54 -0.58 -0.71	20.65 -1.26 -0.51	20.23 -1.30 -0.24	19.19 -1.02 -0.56	19.66 -1.21 -0.39	19.91 -1.00 -0.90	23.73 -1.26 -1.25	25.96 -1.33 -3.53	27.52 -1.30 -4.76	25.80 -1.82 -3.06	24.45 -1.49 -1.52	20.96 -1.32 -1.99	17.28 -0.91 -2.24	14.91 -0.71 -2.91
BLUESTONE___WT_PWR 323821	25.43 1.52 -1.20	22.30 1.33 -1.71	20.22 1.13 -2.46	20.30 1.18 -2.45	18.91 1.01 -3.52	21.85 1.12 -5.02	34.73 2.36 -3.21	40.69 2.59 -4.07	36.22 2.12 -4.74	29.26 1.55 -2.67	25.87 1.36 -1.10	23.23 1.05 -0.78	22.58 0.91 -0.37	21.34 0.83 -0.86	21.96 0.88 -0.61	22.50 1.10 -1.40	27.05 1.38 -1.95	30.84 1.59 -5.48	33.11 1.66 -7.39	30.84 1.52 -4.76	28.22 1.44 -2.37	24.55 1.16 -3.09	20.32 0.88 -3.49	17.93 0.67 -4.54
BLUE_CIRC_CHEM_DRP 24182	26.85 0.82 -3.33	24.78 0.77 -4.74	24.14 0.68 -6.83	24.14 0.68 -6.79	24.74 0.58 -9.78	30.25 0.60 -13.94	39.24 1.17 -8.92	46.66 1.33 -11.29	43.68 1.15 -13.17	33.36 0.90 -7.42	27.30 0.82 -3.06	24.30 0.73 -2.17	23.03 0.70 -1.03	22.72 0.67 -2.40	22.86 0.70 -1.69	24.56 0.68 -3.87	30.09 0.81 -5.55	40.25 0.88 -15.61	46.00 0.89 -21.05	39.01 0.88 -13.57	32.06 0.90 -6.74	29.82 0.71 -8.81	26.43 0.54 -9.93	26.06 0.43 -12.92
BOC_GAS_DRP 24189	26.83 0.75 -3.37	24.73 0.66 -4.80	24.13 0.58 -6.92	24.13 0.58 -6.88	24.77 0.49 -9.90	30.33 0.50 -14.12	39.18 0.99 -9.04	46.60 1.12 -11.43	43.67 0.97 -13.34	33.38 0.83 -7.51	27.26 0.75 -3.10	24.28 0.68 -2.19	23.02 0.68 -1.05	22.71 0.63 -2.43	22.86 0.68 -1.71	24.57 0.64 -3.92	30.09 0.74 -5.62	40.34 0.76 -15.82	46.13 0.75 -21.33	39.06 0.76 -13.75	32.01 0.76 -6.83	29.83 0.61 -8.93	26.50 0.48 -10.06	26.19 0.38 -13.09
BOONVILLE_115KV_TB1 79983	23.38 0.50 -0.17	19.96 0.44 -0.25	17.35 0.37 -0.36	17.42 0.40 -0.35	14.70 0.35 0.02	16.50 0.35 -0.44	29.34 0.90 0.72	34.40 1.16 0.79	29.89 1.03 0.51	24.98 0.58 0.63	23.99 0.47 -0.11	21.90 0.39 -0.11	21.64 0.30 -0.05	19.51 0.28 0.41	20.48 0.25 0.24	20.29 0.28 0.00	23.67 0.38 0.43	24.44 0.57 -0.11	24.93 0.55 -0.32	24.78 0.54 0.32	24.15 0.39 0.66	20.21 0.39 0.47	16.08 0.26 0.13	13.14 0.19 -0.23
BORALEX_4TH_BRANCH 23824	27.37 1.32 -3.35	25.18 1.14 -4.78	24.47 0.96 -6.88	24.47 0.97 -6.84	25.08 0.85 -9.85	30.66 0.91 -14.04	39.98 1.84 -8.99	47.59 2.18 -11.37	44.51 1.88 -13.27	34.01 1.50 -7.47	27.88 1.38 -3.08	24.78 1.20 -2.18	23.54 1.21 -1.04	23.21 1.14 -2.42	23.34 1.17 -1.70	25.02 1.12 -3.90	30.75 1.40 -5.63	41.01 1.43 -15.83	46.82 1.42 -21.34	39.76 1.45 -13.75	32.64 1.39 -6.83	30.32 1.10 -8.93	26.88 0.86 -10.07	26.48 0.67 -13.09
BOWLINE___1 23526	26.78 1.54 -2.53	24.10 1.23 -3.60	22.86 1.05 -5.19	22.86 1.03 -5.16	22.71 0.91 -7.43	27.32 1.02 -10.59	37.94 2.01 -6.78	44.99 2.38 -8.57	41.33 1.97 -10.00	32.42 1.75 -5.63	27.28 1.54 -2.32	24.46 1.41 -1.65	23.44 1.36 -0.78	22.75 1.28 -1.82	23.09 1.33 -1.28	24.27 1.32 -2.95	29.44 1.50 -4.21	37.13 1.52 -11.85	41.57 1.54 -15.97	36.42 1.55 -10.32	31.08 1.54 -5.13	28.20 1.20 -6.70	24.47 0.96 -7.55	23.34 0.80 -9.83
BOWLINE___2 23595	26.78 1.54 -2.53	24.10 1.23 -3.60	22.86 1.05 -5.19	22.86 1.03 -5.16	22.71 0.91 -7.43	27.32 1.02 -10.59	37.94 2.01 -6.78	45.00 2.38 -8.57	41.33 1.97 -10.00	32.42 1.75 -5.63	27.31 1.57 -2.32	24.46 1.41 -1.65	23.44 1.36 -0.78	22.75 1.28 -1.82	23.09 1.33 -1.28	24.27 1.32 -2.95	29.44 1.50 -4.21	37.13 1.52 -11.85	41.57 1.54 -15.97	36.42 1.55 -10.32	31.08 1.54 -5.13	28.20 1.20 -6.70	24.47 0.96 -7.55	23.34 0.80 -9.83
BRADY___115KV_TB2 356060	22.46 -0.30 -0.05	19.09 -0.25 -0.08	16.49 -0.25 -0.11	16.54 -0.23 -0.11	6.75 -0.23 7.40	11.64 -0.25 3.82	12.10 -0.35 16.71	14.23 -0.34 19.47	12.30 -0.32 16.74	10.34 -0.35 14.35	22.31 -0.40 0.70	21.12 -0.32 -0.03	20.99 -0.32 -0.02	11.74 -0.29 7.61	15.53 -0.33 4.62	16.99 -0.36 2.65	13.03 -0.36 10.34	13.30 -0.26 10.20	12.55 -0.19 11.31	10.12 -0.22 14.22	9.97 -0.24 14.20	6.03 -0.20 14.07	4.42 -0.18 11.36	4.18 -0.15 8.38
BRANSCOMB___SOLAR 323811	27.13 0.93 -3.50	25.10 0.85 -4.98	24.59 0.78 -7.18	24.60 0.80 -7.14	25.35 0.69 -10.28	31.16 0.80 -14.65	40.10 1.57 -9.38	47.77 1.87 -11.85	44.78 1.58 -13.83	34.01 1.18 -7.79	27.92 1.29 -3.21	24.79 1.11 -2.28	23.44 1.06 -1.08	23.09 0.92 -2.52	23.21 0.96 -1.77	24.96 0.92 -4.04	30.72 1.21 -5.78	41.16 1.14 -16.26	47.16 1.18 -21.93	39.88 1.15 -14.17	32.65 1.20 -7.04	30.41 0.91 -9.20	27.08 0.75 -10.37	26.77 0.56 -13.49
BRENTWOD_69_KV_W. BRTWOOD 56703	28.10 2.63 -2.76	25.94 2.27 -4.40	24.63 1.95 -6.05	24.20 1.90 -5.63	26.10 1.70 -10.03	35.53 1.87 -17.95	43.37 3.67 -10.55	53.40 4.26 -15.11	45.50 3.67 -12.47	35.56 3.18 -7.34	33.64 2.90 -7.32	28.93 2.63 -4.89	25.29 2.66 -1.34	26.68 2.48 -4.55	27.81 2.58 -4.76	31.01 2.50 -8.50	36.40 2.94 -9.73	42.57 2.88 -15.94	48.62 2.84 -21.72	46.35 2.90 -18.90	38.22 2.93 -10.87	36.30 2.27 -13.73	34.00 1.82 -16.22	30.64 1.47 -16.45
BRISTLHL_115KV_TB1 79998	23.15 -0.05 -0.49	19.95 -0.02 -0.70	17.62 -0.02 -1.01	17.67 0.00 -1.00	15.83 0.00 -1.45	17.73 -0.05 -2.06	30.41 -0.06 -1.32	35.68 -0.03 -1.67	31.28 -0.03 -1.95	26.01 -0.13 -1.10	23.77 -0.09 -0.45	21.55 -0.17 -0.32	21.23 -0.21 -0.15	19.81 -0.20 -0.35	20.52 -0.20 -0.25	20.97 0.50 -0.46	24.47 -0.17 -0.91	26.24 -0.07 -2.55	27.32 -0.17 -3.44	26.47 -0.10 -2.01	25.25 -0.17 -1.00	21.54 -0.06 -1.31	17.38 -0.05 -1.47	14.58 -0.05 -1.92
BROOKHAVEN___DRP 24191	28.69 3.22 -2.76	26.60 2.93 -4.40	25.16 2.48 -6.06	24.73 2.43 -5.63	26.55 2.14 -10.03	35.94 2.28 -17.95	44.68 4.99 -10.54	54.76 5.62 -15.10	46.79 4.96 -12.47	36.29 3.91 -7.34	34.30 3.56 -7.32	29.53 3.23 -4.89	25.99 3.36 -1.34	27.39 3.18 -4.55	28.59 3.36 -4.76	31.69 3.18 -8.50	37.21 3.75 -9.73	43.57 3.87 -15.93	49.48 3.70 -21.72	47.31 3.86 -18.90	38.99 3.71 -10.87	36.91 2.88 -13.73	34.53 2.35 -16.23	31.09 1.92 -16.46

BROOKLYN_NAVY_YARD 23515	27.33 1.86 -2.76	24.67 1.46 -3.93	23.56 1.26 -5.67	23.53 1.23 -5.63	23.57 1.08 -8.11	28.50 1.23 -11.56	38.91 2.36 -7.40	46.16 2.76 -9.36	42.61 2.32 -10.92	33.39 2.20 -6.15	27.92 1.97 -2.54	25.04 1.84 -1.80	23.98 1.83 -0.86	23.33 1.69 -1.99	23.64 1.76 -1.40	24.94 1.72 -3.22	30.27 1.95 -4.60	38.55 1.85 -12.93	43.32 1.83 -17.44	37.69 1.87 -11.27	31.90 1.88 -5.60	29.08 1.46 -7.32	25.40 1.20 -8.25	24.47 1.03 -10.73
BROOKLYN___ARMY_DRP 323595	27.58 2.11 -2.76	24.86 1.66 -3.93	23.71 1.41 -5.67	23.70 1.40 -5.63	23.71 1.22 -8.11	28.64 1.37 -11.56	38.89 2.33 -7.40	45.96 2.55 -9.36	42.49 2.20 -10.92	33.42 2.23 -6.15	27.92 1.97 -2.54	25.04 1.84 -1.80	23.96 1.81 -0.86	23.29 1.65 -1.99	23.62 1.74 -1.40	24.93 1.72 -3.21	30.34 1.99 -4.62	38.65 1.90 -12.99	43.33 1.76 -17.52	37.74 1.92 -11.27	31.80 1.78 -5.60	29.08 1.46 -7.32	25.50 1.29 -8.25	24.53 1.08 -10.74
BROOKVLE_69_KV_TB1 55790	27.74 2.27 -2.76	25.55 1.89 -4.40	24.29 1.61 -6.05	23.87 1.57 -5.63	25.80 1.39 -10.02	35.25 1.59 -17.95	42.72 3.03 -10.54	52.75 3.61 -15.10	44.85 3.02 -12.46	35.11 2.73 -7.34	33.24 2.51 -7.32	28.56 2.27 -4.89	24.86 2.24 -1.34	26.26 2.06 -4.55	27.38 2.15 -4.75	30.62 2.12 -8.50	35.90 2.44 -9.73	42.09 2.40 -15.93	48.15 2.38 -21.71	45.90 2.46 -18.89	37.77 2.49 -10.86	35.95 1.93 -13.72	33.71 1.53 -16.22	30.40 1.23 -16.45
BROOME_2_LFGE 323671	24.44 0.57 -1.17	21.43 0.50 -1.66	19.47 0.45 -2.40	19.50 0.45 -2.38	18.20 0.39 -3.43	21.01 0.41 -4.89	33.04 0.76 -3.13	38.85 0.85 -3.96	34.69 0.70 -4.62	28.19 0.55 -2.60	25.07 0.59 -1.07	22.55 0.39 -0.76	21.95 0.30 -0.36	20.79 0.30 -0.84	21.40 0.33 -0.59	21.71 0.34 -1.37	25.98 0.36 -1.89	29.46 0.38 -5.32	31.66 0.43 -7.17	29.49 0.32 -4.62	27.05 0.34 -2.30	23.58 0.28 -3.00	19.58 0.24 -3.38	17.29 0.18 -4.40
BROOME___LFGE 323600	24.44 0.57 -1.17	21.43 0.50 -1.66	19.47 0.45 -2.40	19.50 0.45 -2.38	18.20 0.39 -3.43	21.01 0.41 -4.89	33.04 0.76 -3.13	38.85 0.85 -3.96	34.69 0.70 -4.62	28.19 0.55 -2.60	25.07 0.59 -1.07	22.55 0.39 -0.76	21.95 0.30 -0.36	20.79 0.30 -0.84	21.40 0.33 -0.59	21.71 0.34 -1.37	25.98 0.36 -1.89	29.46 0.38 -5.32	31.66 0.43 -7.17	29.49 0.32 -4.62	27.05 0.34 -2.30	23.58 0.28 -3.00	19.58 0.24 -3.38	17.29 0.18 -4.40
BROWNFLS_115KV_TB_3_5 80003	22.65 -0.20 -0.15	19.33 -0.15 -0.22	16.77 -0.17 -0.31	16.84 -0.13 -0.31	10.29 -0.16 3.93	13.85 -0.16 1.71	19.72 -0.09 9.34	23.11 -0.07 10.86	20.12 -0.03 9.21	16.80 -0.20 8.04	22.84 -0.28 0.30	21.25 -0.26 -0.10	21.04 -0.30 -0.05	15.04 -0.29 4.32	17.51 -0.35 2.61	18.32 -0.28 1.40	17.60 -0.36 5.77	18.25 -0.21 5.30	18.18 -0.14 5.73	16.71 -0.22 7.62	16.23 -0.27 7.92	12.57 -0.22 7.50	10.18 -0.22 5.55	8.83 -0.20 3.68
BROWNSV1_27_KV_LOAD 356125	27.49 2.02 -2.76	24.78 1.58 -3.93	23.66 1.36 -5.67	23.63 1.33 -5.63	23.66 1.16 -8.11	28.61 1.34 -11.56	39.12 2.57 -7.40	46.40 3.00 -9.36	42.81 2.53 -10.92	33.57 2.38 -7.34	28.08 2.13 -7.32	25.17 1.97 -4.89	24.11 1.96 -1.34	23.45 1.81 -4.55	23.76 1.88 -4.76	25.05 1.84 -8.50	30.43 2.09 -9.73	38.77 2.02 -15.93	43.50 1.92 -21.72	37.87 2.04 -18.89	32.05 2.03 -10.86	29.20 1.58 -13.72	25.50 1.29 -16.22	24.52 1.07 -16.45
BURROWS___LYONSDAL 23803	23.30 0.41 -0.18	19.89 0.37 -0.26	17.32 0.32 -0.37	17.39 0.35 -0.37	14.33 0.29 0.34	16.29 0.28 -0.29	28.51 0.82 1.46	33.40 1.02 1.66	29.03 0.91 1.24	24.27 0.50 1.27	23.87 0.37 -0.08	21.82 0.30 -0.12	21.56 0.21 -0.06	19.09 0.20 0.75	20.19 0.16 0.45	20.11 0.22 0.11	23.10 0.26 0.89	23.92 0.48 0.32	24.39 0.48 0.15	24.09 0.47 0.93	23.45 0.32 1.29	19.55 0.32 1.08	15.56 0.19 0.59	12.76 0.13 0.08
CAITHNESS_CC_1 323624	28.69 3.22 -2.76	26.55 2.87 -4.41	25.13 2.44 -6.06	24.70 2.40 -5.63	26.53 2.11 -10.03	35.94 2.26 -17.96	44.57 4.87 -10.55	54.60 5.45 -15.11	46.68 4.84 -12.47	36.24 3.85 -7.35	34.28 3.54 -7.33	29.77 3.47 -4.90	25.96 3.32 -1.35	27.35 3.14 -4.56	28.56 3.32 -4.76	31.68 3.16 -8.52	37.17 3.73 -9.72	43.43 3.78 -15.89	49.44 3.73 -21.65	47.19 3.73 -18.90	38.97 3.69 -10.87	36.87 2.84 -13.73	34.59 2.41 -16.23	31.09 1.92 -16.46
CALPINE BETH_PAGE_GT4 24209	27.74 2.27 -2.76	25.56 1.89 -4.40	24.29 1.61 -6.05	23.87 1.57 -5.63	25.80 1.39 -10.03	35.25 1.59 -17.95	42.69 3.00 -10.54	52.65 3.51 -15.10	44.79 2.97 -12.46	35.08 2.70 -7.34	33.24 2.51 -7.32	28.56 2.27 -4.89	24.88 2.26 -1.34	26.28 2.08 -4.55	27.40 2.17 -4.76	30.64 2.14 -8.50	35.92 2.47 -9.73	42.11 2.42 -15.93	48.18 2.41 -21.72	45.93 2.48 -18.89	37.77 2.49 -10.86	35.97 1.95 -13.72	33.71 1.53 -16.22	30.43 1.26 -16.45
CALPINE_BETH_PAGE_GT_4 323586	27.74 2.27 -2.76	25.56 1.89 -4.41	24.30 1.61 -6.06	23.87 1.57 -5.63	25.81 1.39 -10.03	35.26 1.59 -17.96	42.70 3.00 -10.55	52.66 3.51 -15.11	44.80 2.96 -12.47	35.09 2.71 -7.35	33.25 2.51 -7.33	28.59 2.29 -4.90	24.89 2.26 -1.35	26.29 2.08 -4.56	27.41 2.17 -4.76	30.66 2.14 -8.52	35.91 2.47 -9.71	42.07 2.42 -15.88	48.18 2.48 -21.65	45.91 2.46 -18.89	37.77 2.49 -10.87	35.98 1.95 -13.73	33.73 1.55 -16.23	30.44 1.27 -16.46
CALPINE_BP_GT1 23823	27.74 2.27 -2.76	25.56 1.89 -4.41	24.30 1.61 -6.06	23.87 1.57 -5.63	25.81 1.39 -10.03	35.26 1.59 -17.96	42.70 3.00 -10.55	52.66 3.51 -15.11	44.80 2.96 -12.47	35.09 2.71 -7.35	33.25 2.51 -7.33	28.59 2.29 -4.90	24.89 2.26 -1.35	26.29 2.08 -4.56	27.41 2.17 -4.76	30.66 2.14 -8.52	35.91 2.47 -9.71	42.07 2.42 -15.88	48.18 2.48 -21.65	45.91 2.46 -18.89	37.77 2.49 -10.87	35.98 1.95 -13.73	33.73 1.55 -16.23	30.44 1.27 -16.46
CALSPAN___DRP 24200	23.39 -0.07 -0.76	20.38 0.04 -1.08	18.28 0.10 -1.55	18.26 0.05 -1.54	16.63 0.03 -2.22	18.88 0.00 -3.17	30.68 -0.50 -2.03	35.64 -0.95 -2.55	31.64 -0.70 -2.98	26.22 -0.50 -1.68	23.90 -0.21 -0.69	21.44 -0.45 -0.49	20.93 -0.60 -0.23	19.74 -0.45 -0.54	20.33 -0.53 -0.38	20.36 -0.52 -0.88	24.28 -0.71 -1.26	26.59 -0.71 -3.54	27.94 -0.89 -4.77	26.66 -0.88 -2.98	25.14 -0.76 -1.48	21.63 -0.61 -1.94	17.79 -0.35 -2.18	15.33 -0.23 -2.84
CALVERTON___SOLAR 323806	28.81 3.34 -2.76	26.66 2.99 -4.41	25.23 2.54 -6.06	24.80 2.50 -5.63	26.61 2.20 -10.03	36.00 2.32 -17.96	44.84 5.13 -10.55	54.94 5.79 -15.11	46.95 5.11 -12.47	36.37 3.98 -7.35	34.37 3.63 -7.33	29.86 3.55 -4.90	26.07 3.43 -1.35	27.45 3.24 -4.56	28.66 3.42 -4.76	31.76 3.24 -8.52	37.29 3.84 -9.72	43.64 3.99 -15.89	49.61 3.90 -21.65	47.41 3.95 -18.90	39.09 3.81 -10.87	36.99 2.96 -13.73	34.69 2.50 -16.23	31.16 1.98 -16.46
CANDIGU_WT_PWR 323617	23.80 0.18 -0.91	20.80 0.23 -1.30	18.71 0.22 -1.87	18.72 0.20 -1.85	17.22 0.17 -2.67	19.68 0.16 -3.81	31.62 0.03 -2.44	36.96 -0.17 -3.09	32.82 -0.15 -3.61	27.00 -0.07 -2.03	24.32 0.07 -0.84	21.85 -0.15 -0.59	21.28 -0.30 -0.28	20.07 -0.23 -0.66	20.67 -0.27 -0.46	20.85 -0.22 -1.06	24.92 -0.28 -1.47	27.57 -0.33 -4.14	29.42 -0.22 -5.58	27.65 -0.49 -3.59	25.81 -0.39 -1.78	22.28 -0.35 -2.33	18.37 -0.21 -2.63	15.97 -0.17 -3.42

CARR STREET_E_SYR 24060	23.43 0.16 -0.57	20.23 0.15 -0.81	17.94 0.15 -1.16	17.97 0.15 -1.16	16.19 0.14 -1.67	18.23 0.14 -2.37	30.90 0.23 -1.52	36.23 0.27 -1.92	31.84 0.23 -2.24	26.48 0.18 -1.26	24.15 0.21 -0.52	21.86 0.09 -0.37	21.49 0.02 -0.18	20.08 0.02 -0.41	20.80 0.04 -0.29	20.79 0.12 -0.67	24.62 0.00 -0.89	26.30 0.02 -2.52	27.47 0.02 -3.39	26.66 -0.02 -2.13	25.45 -0.02 -1.06	21.70 0.02 -1.38	17.52 0.00 -1.56	14.73 -0.01 -2.03
CARTHAGE___PAPER 23857	23.05 0.07 -0.27	19.74 0.08 -0.39	17.24 0.05 -0.56	17.33 0.10 -0.56	13.39 0.06 1.05	15.98 0.11 -0.16	26.23 0.47 3.39	30.84 0.68 3.89	26.85 0.56 3.07	22.28 0.18 2.93	23.51 0.02 -0.07	21.52 -0.06 -0.18	21.25 -0.13 -0.09	17.84 -0.14 1.68	19.31 -0.16 1.00	19.66 0.00 0.34	21.50 -0.12 2.11	22.58 0.12 1.30	23.12 0.22 1.15	22.35 0.15 2.35	21.55 0.05 2.92	17.77 0.06 2.59	14.24 -0.03 1.68	11.96 -0.06 0.69
CASSADAGA_WT_PWR 323784	23.17 -0.32 -0.78	20.19 -0.19 -1.11	18.13 -0.10 -1.60	18.11 -0.15 -1.59	16.53 -0.14 -2.30	18.88 -0.11 -3.27	30.63 -0.61 -2.10	35.82 -0.85 -2.63	31.72 -0.70 -3.07	26.16 -0.60 -1.73	23.78 -0.35 -0.71	21.29 -0.62 -0.50	20.77 -0.77 -0.24	19.60 -0.61 -0.56	20.11 -0.76 -0.39	20.19 -0.72 -0.90	24.01 -0.97 -1.25	26.26 -1.02 -3.52	27.96 -0.84 -4.75	26.31 -1.30 -3.05	24.93 -1.00 -1.52	21.41 -0.87 -1.98	17.63 -0.56 -2.23	15.20 -0.42 -2.91
CE_DUNWOOD___DRP 24194	27.19 1.73 -2.75	24.56 1.37 -3.93	23.45 1.16 -5.66	23.46 1.17 -5.62	23.50 1.02 -8.10	28.40 1.15 -11.54	38.76 2.22 -7.39	46.01 2.62 -9.35	42.47 2.20 -10.91	33.21 2.03 -6.14	27.75 1.80 -2.53	24.85 1.65 -1.79	23.78 1.64 -0.85	23.15 1.51 -1.99	23.45 1.58 -1.40	24.77 1.56 -3.21	30.10 1.76 -4.61	38.47 1.73 -12.97	43.21 1.66 -17.49	37.58 1.77 -11.26	31.77 1.76 -5.60	28.97 1.36 -7.31	25.28 1.08 -8.24	24.34 0.90 -10.72
CE_MILLWOOD___DRP 24193	27.13 1.68 -2.74	24.50 1.33 -3.91	23.40 1.15 -5.63	23.39 1.13 -5.59	23.43 0.99 -8.05	28.31 1.12 -11.48	38.66 2.16 -7.35	45.89 2.55 -9.29	42.38 2.17 -10.85	33.10 1.95 -6.11	27.67 1.73 -2.52	24.77 1.58 -1.78	23.72 1.58 -0.85	23.08 1.45 -1.97	23.38 1.52 -1.39	24.69 1.50 -3.19	30.00 1.68 -4.58	38.32 1.66 -12.90	43.08 1.64 -17.39	37.47 1.72 -11.19	31.69 1.71 -5.56	28.89 1.32 -7.27	25.20 1.05 -8.19	24.24 0.86 -10.66
CE_NYC2_DRP 24202	27.42 1.95 -2.76	24.76 1.56 -3.93	23.62 1.33 -5.67	23.62 1.32 -5.63	23.64 1.15 -8.11	28.56 1.29 -11.56	38.83 2.27 -7.40	45.92 2.52 -9.36	42.46 2.17 -10.92	33.37 2.18 -6.15	27.90 1.94 -2.54	25.02 1.82 -1.80	23.94 1.79 -0.86	23.29 1.65 -1.99	23.60 1.72 -1.40	24.91 1.70 -3.21	30.27 1.92 -4.62	38.58 1.83 -12.99	43.23 1.66 -17.52	37.65 1.82 -11.27	31.78 1.76 -5.60	29.02 1.40 -7.32	25.45 1.24 -8.25	24.48 1.03 -10.74
CE_NYC_DRP 24195	27.35 1.88 -2.76	24.69 1.48 -3.93	23.56 1.26 -5.67	23.55 1.25 -5.63	23.58 1.09 -8.11	28.51 1.24 -11.56	38.80 2.39 -7.25	45.71 2.76 -8.91	42.40 2.35 -10.69	33.39 2.20 -6.15	27.92 1.97 -2.54	25.04 1.84 -1.80	23.98 1.83 -0.86	23.33 1.69 -1.99	23.62 1.74 -1.40	24.93 1.72 -3.21	30.27 1.92 -4.62	38.60 1.85 -12.99	43.33 1.76 -17.52	37.70 1.87 -11.27	31.90 1.88 -5.60	29.08 1.46 -7.32	25.40 1.20 -8.25	24.44 0.99 -10.73
CHAFFEE___LFGE 323603	23.39 -0.09 -0.77	20.40 0.04 -1.10	18.29 0.08 -1.58	18.29 0.05 -1.57	16.67 0.03 -2.26	18.97 0.03 -3.22	30.78 -0.44 -2.06	35.82 -0.82 -2.59	31.80 -0.59 -3.03	26.32 -0.43 -1.70	23.95 -0.16 -0.70	21.52 -0.38 -0.50	21.00 -0.53 -0.24	19.81 -0.39 -0.55	20.39 -0.47 -0.39	20.45 -0.44 -0.89	24.35 -0.62 -1.24	26.62 -0.62 -3.48	28.24 -0.51 -4.69	26.66 -0.91 -3.01	25.25 -0.66 -1.50	21.72 -0.53 -1.96	17.84 -0.32 -2.20	15.34 -0.24 -2.87
CHATEAUG_35_KV_LOAD 355732	22.00 -0.70 0.00	18.61 -0.66 0.00	15.96 -0.67 0.00	16.00 -0.67 0.00	5.68 -0.62 8.08	10.81 -0.58 4.32	9.80 -1.34 18.01	11.50 -1.53 21.01	9.89 -1.35 18.12	8.49 -1.08 15.47	21.65 -0.96 0.80	20.53 -0.88 0.00	20.52 -0.77 0.00	10.65 -0.83 8.33	14.67 -0.84 5.07	16.24 -0.86 2.90	11.67 -0.90 11.15	11.62 -0.95 11.19	10.67 -0.91 12.47	8.17 -1.18 15.20	7.99 -1.25 15.18	-0.29 -1.12 19.47	-7.36 -0.89 22.42	-7.46 -0.72 19.45
CHATEAUG_WT_PWR 323614	22.03 -0.68 0.00	18.59 -0.67 0.00	15.96 -0.67 0.00	16.00 -0.67 0.00	5.53 -0.62 8.23	10.72 -0.58 4.41	9.40 -1.40 18.36	11.06 -1.57 21.41	9.49 -1.41 18.47	8.15 -1.13 15.77	21.61 -0.98 0.82	20.51 -0.90 0.00	20.53 -0.77 0.00	10.47 -0.84 8.33	14.53 -0.88 5.07	16.17 -0.88 2.95	11.44 -0.93 11.37	11.36 -1.00 11.40	10.29 -1.06 12.71	7.84 -1.23 15.49	7.60 -1.34 15.47	-0.38 -1.20 19.48	-7.00 -0.96 22.00	-7.01 -0.78 18.95
CHAT_HIGH_FALL_HYD 323578	22.00 -0.70 0.00	18.61 -0.66 0.00	15.96 -0.67 0.00	16.00 -0.67 0.00	5.68 -0.62 8.08	10.81 -0.58 4.32	9.80 -1.34 18.01	11.50 -1.53 21.01	9.89 -1.35 18.12	8.49 -1.08 15.47	21.65 -0.96 0.80	20.52 -0.88 0.00	20.53 -0.77 0.00	10.65 -0.82 8.18	14.66 -0.84 4.97	16.25 -0.86 2.90	11.67 -0.90 11.15	11.62 -0.95 11.19	10.60 -0.99 12.47	8.22 -1.13 15.20	7.99 -1.24 15.18	-0.29 -1.12 19.47	-7.36 -0.89 22.42	-7.46 -0.72 19.45
CHAUTAUQUA___LFGE 323629	23.50 0.02 -0.77	20.49 0.12 -1.10	18.36 0.15 -1.59	18.35 0.10 -1.58	16.73 0.07 -2.27	19.06 0.11 -3.24	30.96 -0.26 -2.07	36.10 -0.55 -2.61	32.00 -0.41 -3.04	26.48 -0.27 -1.71	24.10 -0.02 -0.71	21.60 -0.30 -0.50	21.10 -0.43 -0.24	19.91 -0.29 -0.55	20.46 -0.41 -0.39	20.52 -0.38 -0.90	24.40 -0.57 -1.24	26.64 -0.62 -3.50	28.31 -0.46 -4.72	26.70 -0.88 -3.03	25.31 -0.61 -1.51	21.74 -0.53 -1.97	17.87 -0.30 -2.22	15.38 -0.22 -2.88
CHERRYST_13_KV_LD 356241	27.40 1.93 -2.76	24.72 1.52 -3.93	23.61 1.31 -5.67	23.60 1.30 -5.63	23.63 1.14 -8.11	28.55 1.27 -11.56	38.86 2.45 -7.25	45.85 2.89 -8.91	42.49 2.44 -10.69	33.47 2.28 -6.15	28.01 2.06 -2.54	25.11 1.90 -1.80	24.04 1.89 -0.86	23.39 1.75 -1.99	23.68 1.80 -1.40	24.99 1.78 -3.21	30.34 1.99 -4.62	38.68 1.92 -12.99	43.38 1.80 -17.52	37.77 1.94 -11.27	31.95 1.93 -5.60	29.12 1.50 -7.32	25.44 1.23 -8.25	24.48 1.03 -10.73
CHESTROR_138KV_BK263 355645	26.57 1.41 -2.46	23.89 1.12 -3.50	22.62 0.95 -5.04	22.63 0.95 -5.01	22.43 0.83 -7.22	26.93 0.93 -10.29	37.57 1.84 -6.59	44.52 2.14 -8.33	40.91 1.82 -9.72	32.12 1.60 -5.47	27.08 1.40 -2.26	24.24 1.24 -1.60	23.27 1.21 -0.76	22.56 1.14 -1.77	22.91 1.19 -1.25	24.04 1.18 -2.86	29.17 1.33 -4.11	36.67 1.35 -11.56	40.99 1.35 -15.58	35.97 1.40 -10.02	30.79 1.39 -4.98	27.88 1.08 -6.51	24.15 0.86 -7.33	22.95 0.70 -9.54
CH_MIDHUDSON___DRP 24192	27.08 1.57 -2.81	24.52 1.25 -4.00	23.45 1.06 -5.76	23.45 1.05 -5.73	23.55 0.92 -8.25	28.51 1.04 -11.76	38.69 2.01 -7.53	45.94 2.38 -9.52	42.50 2.03 -11.11	33.10 1.80 -6.26	27.56 1.57 -2.58	24.64 1.41 -1.83	23.52 1.36 -0.87	22.95 1.28 -2.02	23.23 1.33 -1.42	24.59 1.32 -3.26	29.94 1.52 -4.70	38.52 1.54 -13.21	43.41 1.54 -17.81	37.52 1.60 -11.37	31.65 1.59 -5.65	28.92 1.24 -7.39	25.24 0.96 -8.32	24.33 0.79 -10.83

CH_MISC_IPPS 23765	27.14 1.70 -2.72	24.52 1.37 -3.88	23.39 1.16 -5.60	23.36 1.13 -5.56	23.38 0.99 -8.01	28.23 1.10 -11.42	38.68 2.21 -7.31	45.87 2.59 -9.24	42.38 2.23 -10.79	33.04 1.93 -6.07	27.54 1.61 -2.51	24.59 1.41 -1.77	23.50 1.36 -0.85	22.89 1.28 -1.96	23.19 1.33 -1.38	24.50 1.32 -3.18	29.80 1.54 -4.53	38.11 1.59 -12.76	42.94 1.68 -17.20	37.31 1.65 -11.11	31.62 1.68 -5.52	28.81 1.30 -7.22	25.10 1.01 -8.13	24.13 0.84 -10.58
CH_RES_BVR_FALLS 23983	21.82 -0.89 0.00	18.50 -0.77 0.00	15.93 -0.70 0.00	15.97 -0.70 0.00	1.40 -0.63 12.35	8.41 -0.69 6.61	0.41 -1.22 27.52	0.51 -1.43 32.10	0.44 -1.23 27.69	0.35 -1.05 23.64	21.20 -0.98 1.23	20.55 -0.86 0.00	20.48 -0.81 0.00	6.41 -0.75 12.50	12.10 -0.78 7.60	14.82 -0.76 4.42	5.76 -0.93 17.04	5.69 -0.98 17.09	4.01 -0.99 19.05	0.37 -0.96 23.23	0.32 -0.90 23.20	-3.90 -0.77 23.42	-4.23 -0.61 19.58	-2.50 -0.48 14.74
CH_RES_NIAGARA 23895	22.84 -0.59 -0.72	19.99 -0.31 -1.03	17.90 -0.22 -1.49	17.91 -0.23 -1.48	16.31 -0.20 -2.13	18.42 -0.33 -3.04	29.73 -1.37 -1.94	34.42 -2.08 -2.45	30.61 -1.61 -2.86	25.42 -1.23 -1.61	23.19 -0.89 -0.67	20.87 -1.01 -0.47	20.37 -1.15 -0.22	19.23 -0.94 -0.52	19.78 -1.07 -0.37	19.80 -1.04 -0.84	23.57 -1.33 -1.17	25.62 -1.43 -3.29	27.17 -1.32 -4.43	25.71 -1.69 -2.85	24.39 -1.44 -1.41	21.03 -1.12 -1.85	17.30 -0.73 -2.08	14.88 -0.55 -2.71
CH_RES_SYRACUSE 23985	23.67 0.36 -0.60	20.46 0.33 -0.86	18.17 0.30 -1.24	18.20 0.30 -1.23	16.43 0.27 -1.78	18.53 0.28 -2.53	31.30 0.53 -1.62	36.74 0.65 -2.05	32.32 0.56 -2.40	26.81 0.43 -1.35	24.39 0.42 -0.56	22.07 0.28 -0.39	21.69 0.21 -0.19	20.26 0.18 -0.44	21.01 0.23 -0.31	21.32 0.62 -0.70	24.79 0.12 -0.94	26.57 0.17 -2.64	27.78 0.17 -3.56	26.97 0.15 -2.26	25.64 0.10 -1.13	21.91 0.14 -1.47	17.71 0.10 -1.66	14.93 0.06 -2.16
CLINTON_WT_PWR 323605	22.03 -0.68 0.00	18.59 -0.67 0.00	15.96 -0.67 0.00	16.00 -0.67 0.00	5.53 -0.62 8.23	10.72 -0.58 4.41	9.40 -1.40 18.36	11.06 -1.57 21.41	9.49 -1.41 18.47	8.15 -1.13 15.77	21.61 -0.98 0.82	20.51 -0.90 0.00	20.53 -0.77 0.00	10.47 -0.84 8.33	14.53 -0.88 5.07	16.17 -0.88 2.95	11.44 -0.93 11.37	11.36 -1.00 11.40	10.29 -1.06 12.71	7.84 -1.23 15.49	7.60 -1.34 15.47	-0.38 -1.20 19.48	-7.00 -0.96 22.00	-7.01 -0.78 18.95
CLINTON__LFGE 323618	22.28 -0.43 0.00	18.83 -0.44 0.00	16.13 -0.50 0.00	16.17 -0.50 0.00	5.73 -0.46 8.19	10.94 -0.39 4.38	9.75 -1.14 18.27	11.48 -1.26 21.31	9.84 -1.15 18.38	8.50 -0.85 15.69	21.85 -0.75 0.81	20.68 -0.73 0.00	20.74 -0.55 0.00	10.71 -0.65 8.29	14.80 -0.63 5.04	16.38 -0.68 2.94	11.75 -0.66 11.31	11.73 -0.69 11.34	10.74 -0.67 12.65	8.26 -0.88 15.42	8.02 -1.00 15.39	0.01 -0.81 19.47	-6.79 -0.64 22.11	-6.90 -0.53 19.08
COBBLENY_34_KV_TB1 80064	23.39 -0.09 -0.77	20.40 0.04 -1.10	18.31 0.10 -1.58	18.29 0.05 -1.57	16.67 0.03 -2.26	18.97 0.03 -3.22	30.78 -0.44 -2.06	35.82 -0.82 -2.59	31.80 -0.59 -3.03	26.32 -0.43 -1.70	23.98 -0.14 -0.70	21.49 -0.41 -0.50	21.00 -0.53 -0.24	19.81 -0.39 -0.55	20.39 -0.47 -0.39	20.45 -0.44 -0.89	24.37 -0.64 -1.28	26.74 -0.62 -3.60	28.11 -0.79 -4.85	26.80 -0.79 -3.03	25.26 -0.66 -1.51	21.74 -0.53 -1.97	17.85 -0.32 -2.22	15.40 -0.20 -2.89
COFFEEN__115KV_TB3 355620	23.30 0.27 -0.32	19.99 0.27 -0.45	17.49 0.22 -0.65	17.60 0.28 -0.65	14.01 0.23 0.60	16.51 0.28 -0.51	27.43 0.85 2.56	32.33 1.19 2.91	28.12 0.94 2.18	23.24 0.43 2.23	23.79 0.23 -0.14	21.74 0.13 -0.21	21.39 0.00 -0.10	18.31 -0.02 1.32	19.61 -0.08 0.78	20.02 0.22 0.20	22.25 0.07 1.55	23.60 0.36 0.52	24.31 0.46 0.21	23.40 0.44 1.60	22.44 0.27 2.24	18.64 0.26 1.92	14.95 0.13 1.13	12.52 0.05 0.24
COLDSPRG_115KV_BK1 355956	23.61 0.11 -0.79	20.59 0.19 -1.13	18.49 0.23 -1.63	18.45 0.17 -1.62	16.86 0.14 -2.33	19.24 0.20 -3.32	31.43 0.15 -2.13	36.80 0.10 -2.66	32.55 0.09 -3.10	26.79 0.00 -1.75	24.35 0.21 -0.72	21.76 -0.15 -0.51	21.26 -0.28 -0.24	20.04 -0.18 -0.56	20.59 -0.29 -0.40	20.67 -0.24 -0.91	24.61 -0.43 -1.31	27.07 -0.38 -3.69	28.52 -0.51 -4.97	27.12 -0.54 -3.11	25.57 -0.39 -1.54	21.95 -0.37 -2.02	18.05 -0.18 -2.27	15.55 -0.13 -2.96
COLONIE_LFGE__ 323577	27.04 0.88 -3.45	24.98 0.79 -4.92	24.41 0.70 -7.09	24.43 0.72 -7.05	25.13 0.60 -10.15	30.83 0.66 -14.46	39.72 1.31 -9.26	47.31 1.57 -11.70	44.37 1.35 -13.66	33.80 1.08 -7.69	27.62 1.03 -3.17	24.57 0.92 -2.25	23.25 0.89 -1.07	22.94 0.81 -2.49	23.07 0.84 -1.75	24.83 0.84 -3.99	30.48 1.04 -5.70	40.88 1.07 -16.05	46.78 1.08 -21.64	39.62 1.08 -13.98	32.44 1.07 -6.95	30.21 0.83 -9.08	26.86 0.67 -10.24	26.54 0.51 -13.32
COOPERNY_115KV_TB1 80082	25.77 1.11 -1.95	22.93 0.89 -2.78	21.39 0.76 -4.00	21.39 0.75 -3.98	20.77 0.66 -5.73	24.61 0.74 -8.16	35.84 1.46 -5.22	42.39 1.74 -6.61	38.52 1.44 -7.71	30.63 1.25 -4.34	26.33 1.12 -1.79	23.68 1.01 -1.27	22.85 0.96 -0.60	21.96 0.90 -1.40	22.39 0.92 -0.99	23.19 0.92 -2.27	28.03 1.04 -3.26	34.02 1.09 -9.17	37.48 1.06 -12.36	33.61 1.11 -7.95	29.46 1.10 -3.95	26.31 0.85 -5.16	22.46 0.69 -5.82	20.84 0.56 -7.57
COPENHAGEN_WT_PWR 323753	23.15 0.11 -0.33	19.87 0.14 -0.47	17.42 0.12 -0.68	17.51 0.17 -0.67	14.03 0.13 0.48	16.49 0.17 -0.60	27.39 0.58 2.34	32.21 0.82 2.65	28.07 0.65 1.94	23.25 0.25 2.04	23.69 0.12 -0.16	21.60 -0.02 -0.21	21.31 -0.08 -0.10	18.31 -0.12 1.23	19.59 -0.16 0.72	20.01 0.14 0.13	22.23 -0.05 1.46	23.45 0.17 0.48	24.14 0.27 0.18	23.37 0.20 1.38	22.46 0.10 2.05	18.69 0.12 1.73	15.01 0.03 0.97	12.59 -0.03 0.10
CORNELL____ 23752	24.51 0.89 -0.91	21.34 0.77 -1.30	19.17 0.67 -1.88	19.22 0.68 -1.86	17.67 0.60 -2.69	20.17 0.63 -3.83	32.86 1.25 -2.45	38.61 1.46 -3.10	34.19 1.20 -3.62	27.98 0.90 -2.04	25.10 0.84 -0.84	22.60 0.60 -0.60	22.06 0.49 -0.28	20.76 0.45 -0.66	21.47 0.53 -0.46	21.75 0.68 -1.06	25.90 0.64 -1.53	28.83 0.76 -4.31	30.59 0.72 -5.81	28.87 0.74 -3.58	26.85 0.66 -1.78	23.19 0.57 -2.32	19.00 0.43 -2.62	16.44 0.32 -3.41
CORONAAV_69_KV_TB1 355595	27.65 2.18 -2.76	25.46 1.79 -4.40	24.21 1.53 -6.05	23.80 1.50 -5.63	25.73 1.32 -10.02	35.15 1.49 -17.95	42.52 2.83 -10.54	52.47 3.34 -15.10	44.64 2.82 -12.46	34.93 2.55 -7.34	33.03 2.29 -7.32	28.39 2.10 -4.89	24.69 2.07 -1.34	26.13 1.93 -4.55	27.24 2.01 -4.75	30.48 1.98 -8.50	35.68 2.23 -9.72	41.90 2.21 -15.93	47.93 2.17 -21.71	45.73 2.28 -18.89	37.55 2.27 -10.86	35.83 1.81 -13.72	33.61 1.44 -16.22	30.35 1.18 -16.45
CORTLAND_115KV_TB3 80093	24.15 0.66 -0.78	20.96 0.58 -1.11	18.74 0.52 -1.60	18.78 0.52 -1.59	17.13 0.46 -2.29	19.45 0.47 -3.27	32.21 0.96 -2.09	37.85 1.16 -2.65	33.42 0.97 -3.09	27.48 0.70 -1.74	24.81 0.68 -0.72	22.40 0.49 -0.51	21.94 0.40 -0.24	20.59 0.37 -0.56	21.28 0.41 -0.40	21.39 0.48 -0.91	25.49 0.45 -1.31	28.00 0.55 -3.69	29.54 0.51 -4.98	28.11 0.52 -3.04	26.37 0.44 -1.51	22.68 0.41 -1.97	18.48 0.30 -2.22	15.84 0.23 -2.89

COXSACKIE___GT 23611	27.04 1.13 -3.20	24.90 1.08 -4.56	24.09 0.90 -6.56	24.11 0.92 -6.52	24.57 0.79 -9.40	29.92 0.82 -13.39	39.47 1.75 -8.57	46.92 2.04 -10.84	43.75 1.73 -12.65	33.36 1.20 -7.12	27.20 0.84 -2.94	24.15 0.66 -2.08	22.88 0.60 -0.99	22.54 0.59 -2.30	22.73 0.64 -1.62	24.36 0.64 -3.71	29.90 0.85 -5.31	39.76 1.04 -14.95	45.56 1.35 -20.16	38.78 1.20 -13.03	32.21 1.32 -6.47	29.73 0.97 -8.46	26.13 0.64 -9.54	25.61 0.50 -12.40
CPV_VALLEY___CC1 323721	26.24 1.25 -2.28	23.52 1.00 -3.25	22.17 0.86 -4.68	22.17 0.85 -4.65	21.83 0.75 -6.70	26.10 0.83 -9.55	36.90 1.63 -6.12	43.72 1.94 -7.74	40.01 1.61 -9.03	31.55 1.43 -5.08	26.78 1.26 -2.10	24.02 1.13 -1.49	23.10 1.11 -0.71	22.32 1.02 -1.64	22.70 1.06 -1.16	23.72 1.06 -2.66	28.74 1.21 -3.80	35.66 1.21 -10.69	39.72 1.25 -14.42	35.10 1.23 -9.31	30.29 1.24 -4.63	27.32 0.97 -6.05	23.54 0.77 -6.82	22.23 0.65 -8.87
CPV_VALLEY___CC2 323722	26.24 1.25 -2.28	23.52 1.00 -3.25	22.17 0.86 -4.68	22.17 0.85 -4.65	21.83 0.75 -6.70	26.10 0.83 -9.55	36.90 1.63 -6.12	43.72 1.94 -7.74	40.01 1.61 -9.03	31.55 1.43 -5.08	26.78 1.26 -2.10	24.02 1.13 -1.49	23.10 1.11 -0.71	22.32 1.02 -1.64	22.70 1.06 -1.16	23.72 1.06 -2.66	28.74 1.21 -3.80	35.66 1.21 -10.69	39.72 1.25 -14.42	35.10 1.23 -9.31	30.29 1.24 -4.63	27.32 0.97 -6.05	23.54 0.77 -6.82	22.23 0.65 -8.87
CRESCENT___HYD 24018	27.04 0.88 -3.45	24.98 0.79 -4.92	24.41 0.70 -7.09	24.43 0.72 -7.05	25.13 0.60 -10.15	30.83 0.66 -14.46	39.72 1.31 -9.26	47.31 1.57 -11.70	44.37 1.35 -13.66	33.80 1.08 -7.69	27.62 1.03 -3.17	24.57 0.92 -2.25	23.25 0.89 -1.07	22.94 0.81 -2.49	23.07 0.84 -1.75	24.83 0.84 -3.99	30.48 1.04 -5.70	40.88 1.07 -16.05	46.78 1.08 -21.64	39.62 1.08 -13.98	32.44 1.07 -6.95	30.21 0.83 -9.08	26.86 0.67 -10.24	26.54 0.51 -13.32
CRICKET___VALLEY_CC1 323756	26.99 1.39 -2.89	24.53 1.14 -4.12	23.55 0.98 -5.94	23.54 0.97 -5.91	23.73 0.85 -8.50	28.79 0.96 -12.12	38.75 1.84 -7.76	46.00 2.15 -9.81	42.67 1.85 -11.45	33.11 1.63 -6.45	27.53 1.45 -2.66	24.59 1.31 -1.88	23.49 1.30 -0.90	22.96 1.22 -2.09	23.19 1.25 -1.47	24.62 1.24 -3.38	30.00 1.45 -4.82	38.76 1.43 -13.57	43.83 1.47 -18.30	37.83 1.45 -11.82	31.76 1.46 -5.88	29.07 1.10 -7.68	25.49 0.88 -8.66	24.69 0.71 -11.26
CRICKET___VALLEY_CC2 323757	26.99 1.39 -2.89	24.53 1.14 -4.12	23.55 0.98 -5.94	23.54 0.97 -5.91	23.73 0.85 -8.50	28.79 0.96 -12.12	38.75 1.84 -7.76	46.00 2.15 -9.81	42.67 1.85 -11.45	33.11 1.63 -6.45	27.53 1.45 -2.66	24.59 1.31 -1.88	23.49 1.30 -0.90	22.96 1.22 -2.09	23.19 1.25 -1.47	24.62 1.24 -3.38	30.00 1.45 -4.82	38.76 1.43 -13.57	43.83 1.47 -18.30	37.83 1.45 -11.82	31.76 1.46 -5.88	29.07 1.10 -7.68	25.49 0.88 -8.66	24.69 0.71 -11.26
CRICKET___VALLEY_CC3 323758	26.99 1.39 -2.89	24.53 1.14 -4.12	23.55 0.98 -5.94	23.54 0.97 -5.91	23.73 0.85 -8.50	28.79 0.96 -12.12	38.75 1.84 -7.76	46.00 2.15 -9.81	42.67 1.85 -11.45	33.11 1.63 -6.45	27.53 1.45 -2.66	24.59 1.31 -1.88	23.49 1.30 -0.90	22.96 1.22 -2.09	23.19 1.25 -1.47	24.62 1.24 -3.38	30.00 1.45 -4.82	38.76 1.43 -13.57	43.83 1.47 -18.30	37.83 1.45 -11.82	31.76 1.46 -5.88	29.07 1.10 -7.68	25.49 0.88 -8.66	24.69 0.71 -11.26
CRUCIBLE_METL_DRP 24180	23.68 0.36 -0.60	20.46 0.33 -0.86	18.17 0.30 -1.24	18.20 0.30 -1.23	16.43 0.27 -1.78	18.53 0.28 -2.53	31.30 0.52 -1.62	36.74 0.65 -2.05	32.32 0.56 -2.40	26.81 0.43 -1.35	24.39 0.42 -0.56	22.05 0.26 -0.39	21.69 0.21 -0.19	20.26 0.18 -0.44	21.01 0.23 -0.31	21.33 0.62 -0.70	24.85 0.12 -1.01	26.76 0.17 -2.83	27.99 0.12 -3.81	27.00 0.15 -2.30	25.66 0.10 -1.14	21.93 0.14 -1.49	17.73 0.10 -1.68	14.97 0.06 -2.19
DAHOWA___HYDRO 323763	27.14 0.93 -3.50	25.09 0.83 -4.99	24.60 0.78 -7.19	24.63 0.82 -7.15	25.38 0.70 -10.30	31.22 0.83 -14.68	40.21 1.66 -9.39	47.86 1.94 -11.88	44.87 1.64 -13.86	34.07 1.23 -7.80	28.02 1.38 -3.22	24.86 1.18 -2.28	23.50 1.13 -1.09	23.14 0.96 -2.52	23.26 1.00 -1.78	24.99 0.94 -4.05	30.78 1.26 -5.79	41.18 1.12 -16.30	47.21 1.18 -21.98	39.91 1.15 -14.20	32.67 1.20 -7.06	30.41 0.89 -9.22	27.12 0.77 -10.40	26.80 0.56 -13.52
DANC___LFGE 323619	23.12 0.02 -0.39	19.89 0.06 -0.56	17.48 0.05 -0.81	17.55 0.08 -0.80	14.63 0.07 -0.17	16.93 0.09 -1.12	28.34 0.32 1.13	33.30 0.48 1.22	29.04 0.32 0.64	24.14 0.10 1.00	23.70 0.02 -0.26	21.57 -0.09 -0.26	21.26 -0.15 -0.12	18.78 -0.16 0.71	19.87 -0.20 0.40	20.31 0.20 -0.11	22.88 -0.14 0.70	24.23 0.00 -0.46	25.09 0.10 -0.94	24.32 0.02 0.26	23.31 -0.05 1.05	19.57 0.00 0.73	15.76 -0.03 0.16	13.24 -0.05 -0.58
DANSKAMMER___1 23586	27.14 1.70 -2.72	24.52 1.37 -3.88	23.39 1.16 -5.60	23.36 1.13 -5.56	23.38 0.99 -8.01	28.23 1.10 -11.42	38.68 2.21 -7.31	45.87 2.59 -9.24	42.38 2.23 -10.79	33.04 1.93 -6.07	27.54 1.61 -2.51	24.59 1.41 -1.77	23.50 1.36 -0.85	22.89 1.28 -1.96	23.19 1.33 -1.38	24.50 1.32 -3.18	29.80 1.54 -4.53	38.11 1.59 -12.76	42.94 1.68 -17.20	37.31 1.65 -11.11	31.62 1.68 -5.52	28.81 1.30 -7.22	25.10 1.01 -8.13	24.13 0.84 -10.58
DANSKAMMER___2 23589	27.14 1.70 -2.72	24.52 1.37 -3.88	23.39 1.16 -5.60	23.36 1.13 -5.56	23.38 0.99 -8.01	28.23 1.10 -11.42	38.68 2.21 -7.31	45.87 2.59 -9.24	42.38 2.23 -10.79	33.04 1.93 -6.07	27.54 1.61 -2.51	24.59 1.41 -1.77	23.50 1.36 -0.85	22.89 1.28 -1.96	23.19 1.33 -1.38	24.50 1.32 -3.18	29.80 1.54 -4.53	38.11 1.59 -12.76	42.94 1.68 -17.20	37.31 1.65 -11.11	31.62 1.68 -5.52	28.81 1.30 -7.22	25.10 1.01 -8.13	24.13 0.84 -10.58
DANSKAMMER___3 23590	27.14 1.70 -2.72	24.52 1.37 -3.88	23.39 1.16 -5.60	23.36 1.13 -5.56	23.38 0.99 -8.01	28.23 1.10 -11.42	38.68 2.21 -7.31	45.87 2.59 -9.24	42.38 2.23 -10.79	33.04 1.93 -6.07	27.54 1.61 -2.51	24.59 1.41 -1.77	23.50 1.36 -0.85	22.89 1.28 -1.96	23.19 1.33 -1.38	24.50 1.32 -3.18	29.80 1.54 -4.53	38.11 1.59 -12.76	42.94 1.68 -17.20	37.31 1.65 -11.11	31.62 1.68 -5.52	28.81 1.30 -7.22	25.10 1.01 -8.13	24.13 0.84 -10.58
DANSKAMMER___4 23591	27.14 1.70 -2.72	24.52 1.37 -3.88	23.39 1.16 -5.60	23.36 1.13 -5.56	23.38 0.99 -8.01	28.23 1.10 -11.42	38.68 2.21 -7.31	45.87 2.59 -9.24	42.38 2.23 -10.79	33.04 1.93 -6.07	27.54 1.61 -2.51	24.59 1.41 -1.77	23.50 1.36 -0.85	22.89 1.28 -1.96	23.19 1.33 -1.38	24.50 1.32 -3.17	29.80 1.54 -4.56	38.11 1.59 -12.83	42.94 1.64 -17.30	37.34 1.67 -11.12	31.63 1.68 -5.53	28.82 1.30 -7.22	25.10 1.01 -8.14	24.13 0.83 -10.59

DARBY___SOLAR 323810	27.13 0.93 -3.50	25.08 0.83 -4.98	24.57 0.77 -7.18	24.61 0.80 -7.14	25.35 0.69 -10.28	31.16 0.80 -14.65	40.10 1.57 -9.38	47.77 1.87 -11.86	44.81 1.61 -13.84	34.06 1.23 -7.79	27.96 1.33 -3.21	24.83 1.15 -2.28	23.48 1.11 -1.08	23.13 0.96 -2.52	23.25 1.00 -1.77	24.98 0.94 -4.04	30.74 1.23 -5.78	41.14 1.12 -16.26	47.16 1.18 -21.93	39.86 1.13 -14.17	32.65 1.20 -7.04	30.39 0.89 -9.20	27.08 0.75 -10.37	26.77 0.56 -13.49
DASHVILLE___HYD 23610	26.71 1.20 -2.80	24.17 0.91 -3.99	23.13 0.75 -5.75	23.12 0.73 -5.72	23.27 0.66 -8.23	28.14 0.69 -11.73	38.18 1.52 -7.51	45.35 1.80 -9.50	41.98 1.53 -11.09	32.63 1.35 -6.24	27.11 1.12 -2.58	24.19 0.96 -1.82	23.10 0.94 -0.87	22.55 0.88 -2.02	22.82 0.92 -1.42	24.18 0.92 -3.26	29.43 1.02 -4.68	38.00 1.07 -13.17	42.87 1.06 -17.75	37.13 1.13 -11.44	31.18 1.07 -5.69	28.58 0.85 -7.43	24.99 0.65 -8.38	24.18 0.57 -10.90
DEERFIELD_69_KV_DEERFIELD LD 355887	29.22 3.75 -2.76	27.06 3.39 -4.40	25.56 2.88 -6.06	25.13 2.83 -5.63	26.89 2.49 -10.03	36.35 2.69 -17.95	45.50 5.80 -10.54	55.82 6.67 -15.10	47.64 5.81 -12.47	36.96 4.58 -7.34	34.93 4.19 -7.32	30.08 3.79 -4.89	26.55 3.92 -1.34	27.90 3.69 -4.55	29.14 3.91 -4.76	32.23 3.72 -8.50	37.87 4.41 -9.73	44.26 4.56 -15.93	50.25 4.47 -21.72	48.05 4.59 -18.90	39.70 4.42 -10.87	37.43 3.41 -13.73	34.91 2.73 -16.23	31.40 2.23 -16.46
DELAWARE___LFGE 323621	25.07 1.00 -1.36	22.04 0.83 -1.94	20.13 0.71 -2.79	20.18 0.73 -2.78	19.01 0.63 -4.00	22.12 0.71 -5.70	34.23 1.43 -3.65	40.33 1.67 -4.62	36.19 1.44 -5.39	29.22 1.15 -3.03	25.72 1.05 -1.25	23.17 0.88 -0.89	22.50 0.79 -0.42	21.38 0.75 -0.98	21.94 0.78 -0.69	22.37 0.78 -1.58	26.93 0.93 -2.28	31.19 1.02 -6.40	33.68 0.99 -8.64	31.04 1.01 -5.48	28.12 0.98 -2.72	24.63 0.77 -3.56	20.57 0.61 -4.01	18.41 0.48 -5.22
DERFIELD_115KV_TB7 355931	22.89 0.11 -0.06	19.46 0.10 -0.09	16.84 0.08 -0.13	16.88 0.08 -0.13	15.12 0.07 -0.67	16.32 0.08 -0.53	30.56 0.17 -1.24	35.71 0.20 -1.46	30.87 0.18 -1.33	26.22 0.13 -1.06	23.64 0.12 -0.11	21.55 0.11 -0.04	21.40 0.09 -0.02	20.26 0.08 -0.53	20.88 0.08 -0.33	20.31 0.06 -0.24	24.59 0.09 -0.77	24.85 0.12 -0.97	25.33 0.12 -1.16	25.80 0.10 -1.15	25.53 0.10 -1.02	21.45 0.08 -1.07	16.96 0.06 -0.94	13.58 0.05 -0.81
DOGLEVILLE___HYD 23807	23.59 0.82 -0.06	20.05 0.69 -0.09	17.36 0.60 -0.13	17.40 0.60 -0.13	15.56 0.52 -0.67	16.69 0.46 -0.53	31.50 1.11 -1.24	36.73 1.22 -1.46	31.72 1.03 -1.33	26.75 0.65 -1.06	24.15 0.63 -0.11	22.00 0.56 -0.04	21.82 0.51 -0.02	20.61 0.43 -0.53	21.23 0.43 -0.33	20.65 0.40 -0.25	25.01 0.52 -0.76	25.40 0.69 -0.95	25.71 0.53 -1.13	26.36 0.61 -1.19	25.87 0.41 -1.04	21.90 0.51 -1.10	17.31 0.38 -0.97	13.87 0.30 -0.85
DUNKIRK___115KV_TB_200 55889	23.53 0.05 -0.77	20.50 0.13 -1.10	18.40 0.18 -1.59	18.38 0.13 -1.58	16.75 0.10 -2.27	19.09 0.14 -3.24	30.99 -0.23 -2.07	36.14 -0.51 -2.61	32.02 -0.38 -3.04	26.50 -0.25 -1.71	24.12 0.00 -0.71	21.63 -0.28 -0.50	21.12 -0.40 -0.24	19.93 -0.28 -0.55	20.50 -0.37 -0.39	20.56 -0.34 -0.89	24.47 -0.55 -1.28	26.80 -0.57 -3.61	28.23 -0.70 -4.87	26.87 -0.74 -3.05	25.37 -0.56 -1.51	21.79 -0.49 -1.98	17.91 -0.27 -2.23	15.45 -0.17 -2.90
DUNKIRK___1 23563	23.53 0.05 -0.77	20.50 0.13 -1.10	18.40 0.18 -1.59	18.38 0.13 -1.58	16.75 0.10 -2.27	19.09 0.14 -3.24	30.99 -0.23 -2.07	36.14 -0.51 -2.61	32.02 -0.38 -3.04	26.50 -0.25 -1.71	24.12 0.00 -0.71	21.63 -0.28 -0.50	21.12 -0.40 -0.24	19.93 -0.28 -0.55	20.50 -0.37 -0.39	20.56 -0.34 -0.89	24.47 -0.55 -1.28	26.80 -0.57 -3.61	28.23 -0.70 -4.87	26.87 -0.74 -3.05	25.37 -0.56 -1.51	21.79 -0.49 -1.98	17.91 -0.27 -2.23	15.45 -0.17 -2.90
DUNKIRK___2 23564	23.53 0.05 -0.77	20.50 0.13 -1.10	18.40 0.18 -1.59	18.38 0.13 -1.58	16.75 0.10 -2.27	19.09 0.14 -3.24	30.99 -0.23 -2.07	36.14 -0.51 -2.61	32.02 -0.38 -3.04	26.50 -0.25 -1.71	24.12 0.00 -0.71	21.63 -0.28 -0.50	21.12 -0.40 -0.24	19.93 -0.28 -0.55	20.50 -0.37 -0.39	20.56 -0.34 -0.89	24.47 -0.55 -1.28	26.80 -0.57 -3.61	28.23 -0.70 -4.87	26.87 -0.74 -3.05	25.37 -0.56 -1.51	21.79 -0.49 -1.98	17.91 -0.27 -2.23	15.45 -0.17 -2.90
DUNKIRK___3 23565	23.50 0.02 -0.77	20.49 0.12 -1.10	18.38 0.17 -1.59	18.36 0.12 -1.58	16.74 0.09 -2.27	19.04 0.09 -3.24	30.93 -0.29 -2.07	36.07 -0.58 -2.61	31.97 -0.44 -3.05	26.45 -0.30 -1.71	24.08 -0.05 -0.71	21.58 -0.32 -0.50	21.08 -0.45 -0.24	19.89 -0.31 -0.55	20.46 -0.41 -0.39	20.52 -0.38 -0.89	24.42 -0.59 -1.29	26.79 -0.59 -3.62	28.21 -0.72 -4.88	26.85 -0.76 -3.05	25.32 -0.61 -1.52	21.77 -0.51 -1.98	17.90 -0.29 -2.23	15.43 -0.19 -2.91
DUNKIRK___4 23566	23.47 0.00 -0.76	20.45 0.10 -1.09	18.34 0.15 -1.57	18.33 0.10 -1.56	16.70 0.07 -2.25	18.99 0.08 -3.20	30.85 -0.35 -2.05	35.94 -0.68 -2.58	31.87 -0.50 -3.01	26.38 -0.35 -1.69	24.02 -0.09 -0.70	21.53 -0.36 -0.50	21.04 -0.49 -0.24	19.85 -0.35 -0.55	20.41 -0.45 -0.39	20.47 -0.42 -0.88	24.36 -0.64 -1.27	26.69 -0.64 -3.58	28.11 -0.77 -4.82	26.76 -0.81 -3.01	25.25 -0.66 -1.50	21.71 -0.55 -1.96	17.84 -0.32 -2.21	15.38 -0.20 -2.87
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	27.21 1.75 -2.76	24.61 1.41 -3.93	23.49 1.20 -5.67	23.48 1.18 -5.63	23.53 1.04 -8.11	28.45 1.18 -11.56	38.83 2.27 -7.40	46.09 2.69 -9.36	42.55 2.26 -10.92	33.27 2.08 -6.15	27.80 1.85 -2.54	24.91 1.71 -1.80	23.85 1.70 -0.86	23.21 1.57 -1.99	23.51 1.64 -1.40	24.83 1.62 -3.21	30.15 1.80 -4.62	38.53 1.78 -12.99	43.28 1.71 -17.52	37.65 1.82 -11.27	31.83 1.81 -5.60	29.02 1.40 -7.32	25.32 1.12 -8.25	24.38 0.93 -10.73
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	26.88 1.54 -2.63	24.25 1.23 -3.75	23.07 1.05 -5.40	23.07 1.03 -5.36	23.01 0.91 -7.73	27.73 1.01 -11.01	38.21 2.01 -7.05	45.31 2.35 -8.92	41.77 2.00 -10.40	32.63 1.73 -5.86	27.33 1.50 -2.42	24.42 1.31 -1.71	23.36 1.26 -0.82	22.74 1.20 -1.89	23.04 1.23 -1.33	24.30 1.24 -3.06	29.53 1.40 -4.40	37.58 1.45 -12.37	42.18 1.44 -16.68	36.73 1.50 -10.68	31.21 1.49 -5.31	28.39 1.16 -6.93	24.68 0.91 -7.82	23.63 0.75 -10.17
E179THST_138_KV_TB4_REV_LBMP_J 345001	27.40 1.93 -2.76	24.76 1.56 -3.93	23.62 1.33 -5.67	23.63 1.33 -5.63	23.66 1.16 -8.11	28.59 1.32 -11.56	38.71 2.16 -7.40	45.72 2.31 -9.36	42.28 2.00 -10.92	33.24 2.05 -6.15	27.78 1.83 -2.54	24.91 1.71 -1.80	23.83 1.68 -0.86	23.19 1.55 -1.99	23.49 1.62 -1.40	24.81 1.60 -3.21	30.15 1.80 -4.62	38.46 1.71 -12.99	43.11 1.54 -17.52	37.52 1.69 -11.27	31.63 1.61 -5.60	28.94 1.32 -7.32	25.50 1.29 -8.25	24.49 1.04 -10.74
E179THST_13_KV_LOAD 356214	27.49 2.02 -2.76	24.84 1.64 -3.93	23.69 1.40 -5.67	23.68 1.38 -5.63	23.70 1.21 -8.11	28.64 1.37 -11.56	38.83 2.27 -7.40	45.85 2.45 -9.36	42.40 2.11 -10.92	33.34 2.15 -6.15	27.87 1.92 -2.54	25.00 1.80 -1.80	23.94 1.79 -0.86	23.27 1.63 -1.99	23.58 1.70 -1.40	24.91 1.70 -3.21	30.24 1.90 -4.62	38.56 1.81 -12.99	43.23 1.66 -17.52	37.65 1.82 -11.27	31.75 1.73 -5.60	29.02 1.40 -7.32	25.56 1.36 -8.25	24.54 1.09 -10.74

EAST HAMPTON___GT 23717	29.51 4.04 -2.76	27.30 3.62 -4.41	25.78 3.09 -6.06	25.33 3.03 -5.63	27.09 2.67 -10.03	36.56 2.89 -17.96	45.91 6.21 -10.55	56.34 7.18 -15.11	48.06 6.22 -12.47	37.32 4.93 -7.35	35.29 4.54 -7.33	30.67 4.37 -4.90	26.83 4.19 -1.35	28.16 3.95 -4.56	29.44 4.20 -4.76	32.52 4.00 -8.52	38.24 4.79 -9.72	44.54 4.89 -15.89	50.62 4.91 -21.65	48.39 4.94 -18.90	40.10 4.81 -10.87	37.74 3.71 -13.73	35.25 3.06 -16.23	31.58 2.40 -16.46
EAST RIVER___6 23660	27.37 1.91 -2.76	24.72 1.52 -3.93	23.61 1.31 -5.67	23.58 1.28 -5.63	23.61 1.12 -8.11	28.53 1.26 -11.56	38.80 2.39 -7.25	45.78 2.82 -8.91	42.43 2.38 -10.69	33.47 2.28 -6.15	28.01 2.06 -2.54	25.13 1.93 -1.80	24.04 1.89 -0.86	23.39 1.75 -1.99	23.70 1.82 -1.40	25.02 1.80 -3.22	30.29 1.97 -4.60	38.60 1.90 -12.93	43.35 1.85 -17.44	37.71 1.89 -11.27	31.90 1.88 -5.60	29.12 1.50 -7.32	25.43 1.23 -8.25	24.49 1.04 -10.73
EAST RIVER___7 23524	27.37 1.91 -2.76	24.72 1.52 -3.93	23.61 1.31 -5.67	23.58 1.28 -5.63	23.61 1.12 -8.11	28.53 1.26 -11.56	38.80 2.39 -7.25	45.78 2.82 -8.91	42.43 2.38 -10.69	33.47 2.28 -6.15	28.01 2.06 -2.54	25.13 1.93 -1.80	24.04 1.89 -0.86	23.39 1.75 -1.99	23.70 1.82 -1.40	25.02 1.80 -3.22	30.29 1.97 -4.60	38.60 1.90 -12.93	43.35 1.85 -17.44	37.71 1.89 -11.27	31.90 1.88 -5.60	29.12 1.50 -7.32	25.43 1.23 -8.25	24.49 1.04 -10.73
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	27.19 1.73 -2.75	24.56 1.37 -3.93	23.45 1.16 -5.66	23.46 1.17 -5.62	23.50 1.02 -8.10	28.40 1.15 -11.54	38.76 2.22 -7.39	46.01 2.62 -9.35	42.47 2.20 -10.91	33.21 2.03 -6.14	27.75 1.80 -2.53	24.85 1.65 -1.79	23.78 1.64 -0.85	23.15 1.51 -1.99	23.45 1.58 -1.40	24.77 1.56 -3.21	30.10 1.76 -4.61	38.47 1.73 -12.97	43.21 1.66 -17.49	37.58 1.77 -11.26	31.77 1.76 -5.60	28.97 1.36 -7.31	25.28 1.08 -8.24	24.34 0.90 -10.72
EAST_HAMPTON___DIESEL 23722	29.51 4.04 -2.76	27.30 3.62 -4.41	25.78 3.09 -6.06	25.33 3.03 -5.63	27.10 2.69 -10.03	36.56 2.89 -17.96	45.91 6.21 -10.55	56.34 7.18 -15.11	48.09 6.25 -12.47	37.32 4.93 -7.35	35.29 4.54 -7.33	30.67 4.37 -4.90	26.83 4.19 -1.35	28.16 3.95 -4.56	29.44 4.20 -4.76	32.52 4.00 -8.52	38.24 4.79 -9.72	44.57 4.92 -15.89	50.62 4.91 -21.65	48.39 4.94 -18.90	40.10 4.81 -10.87	37.74 3.71 -13.73	35.25 3.06 -16.23	31.58 2.40 -16.46
EAST_PULASKI___ESR 323781	23.11 -0.05 -0.45	19.89 -0.02 -0.64	17.54 0.00 -0.92	17.60 0.02 -0.91	15.20 0.01 -0.81	17.33 0.02 -1.60	29.31 0.09 -0.06	34.37 0.14 -0.19	30.08 0.09 -0.63	25.04 -0.03 -0.02	23.73 -0.05 -0.36	21.57 -0.13 -0.29	21.24 -0.19 -0.14	19.26 -0.20 0.19	20.16 -0.23 0.09	20.68 0.38 -0.29	23.68 -0.17 -0.12	25.27 -0.10 -1.60	26.31 -0.07 -2.33	25.35 -0.07 -0.87	24.25 -0.12 0.05	20.48 -0.04 -0.22	16.44 -0.05 -0.53	13.78 -0.06 -1.13
EAST_RIVER___1 323558	27.35 1.88 -2.76	24.69 1.48 -3.93	23.57 1.28 -5.67	23.55 1.25 -5.63	23.58 1.09 -8.11	28.51 1.24 -11.56	38.80 2.39 -7.25	45.71 2.76 -8.91	42.40 2.35 -10.69	33.39 2.20 -6.15	27.92 1.97 -2.54	25.04 1.84 -1.80	23.98 1.83 -0.86	23.33 1.69 -1.99	23.62 1.74 -1.40	24.94 1.72 -3.22	30.25 1.92 -4.60	38.55 1.85 -12.93	43.32 1.83 -17.44	37.67 1.84 -11.27	31.90 1.88 -5.60	29.08 1.46 -7.32	25.40 1.20 -8.25	24.46 1.02 -10.73
EAST_RIVER___2 323559	27.37 1.91 -2.76	24.72 1.52 -3.93	23.61 1.31 -5.67	23.58 1.28 -5.63	23.61 1.12 -8.11	28.53 1.26 -11.56	38.80 2.39 -7.25	45.78 2.82 -8.91	42.43 2.38 -10.69	33.47 2.28 -6.15	28.01 2.06 -2.54	25.13 1.93 -1.80	24.04 1.89 -0.86	23.39 1.75 -1.99	23.70 1.82 -1.40	25.02 1.80 -3.22	30.29 1.97 -4.60	38.60 1.90 -12.93	43.35 1.85 -17.44	37.71 1.89 -11.27	31.90 1.88 -5.60	29.12 1.50 -7.32	25.43 1.23 -8.25	24.49 1.04 -10.73
EAST___DELAWARE_HYD 23607	26.56 1.45 -2.40	23.83 1.14 -3.42	22.50 0.95 -4.93	22.50 0.93 -4.90	22.27 0.83 -7.06	26.70 0.93 -10.06	37.51 1.92 -6.44	44.43 2.25 -8.14	40.77 1.91 -9.50	31.99 1.60 -5.35	26.96 1.33 -2.21	24.10 1.13 -1.56	23.10 1.06 -0.74	22.38 1.00 -1.73	22.74 1.04 -1.22	23.86 1.06 -2.80	28.96 1.23 -4.00	36.29 1.28 -11.24	40.63 1.42 -15.16	35.70 1.35 -9.79	30.65 1.37 -4.87	27.73 1.08 -6.36	23.92 0.80 -7.17	22.73 0.69 -9.33
EIGHT_POINT___WT_PWR 323820	24.00 0.43 -0.87	20.95 0.44 -1.23	18.80 0.40 -1.78	18.84 0.40 -1.77	17.27 0.34 -2.55	19.64 0.30 -3.63	31.65 0.18 -2.32	37.01 -0.03 -3.00	32.83 -0.03 -3.50	27.09 0.08 -1.97	24.46 0.23 -0.81	21.91 -0.06 -0.58	21.33 -0.23 -0.27	20.11 -0.18 -0.64	20.72 -0.20 -0.45	20.90 -0.14 -1.03	24.96 -0.19 -1.42	27.53 -0.24 -4.01	29.36 -0.10 -5.40	27.59 -0.44 -3.47	25.82 -0.32 -1.73	22.25 -0.30 -2.26	18.31 -0.19 -2.54	15.87 -0.15 -3.31
ELBRIDGE_115KV_TB2 80188	23.68 0.34 -0.63	20.50 0.33 -0.90	18.23 0.30 -1.30	18.24 0.28 -1.29	16.50 0.26 -1.86	18.66 0.30 -2.65	31.35 0.50 -1.70	36.77 0.58 -2.15	32.37 0.50 -2.51	26.88 0.43 -1.41	24.44 0.44 -0.58	22.09 0.28 -0.41	21.70 0.21 -0.20	20.30 0.20 -0.46	21.04 0.25 -0.32	21.42 0.68 -0.74	24.81 0.05 -1.03	26.72 0.05 -2.91	28.02 0.05 -3.92	26.95 0.02 -2.37	25.62 0.02 -1.18	21.87 0.04 -1.54	17.72 0.03 -1.73	14.98 0.01 -2.25
ELEC_TRO_TEK 24086	27.51 2.04 -2.76	25.36 1.70 -4.40	24.13 1.45 -6.05	23.72 1.42 -5.63	25.65 1.25 -10.02	35.08 1.41 -17.95	42.37 2.68 -10.54	52.30 3.17 -15.10	44.49 2.67 -12.46	34.83 2.45 -7.34	32.96 2.22 -7.32	28.33 2.03 -4.89	24.63 2.00 -1.34	26.07 1.87 -4.55	27.16 1.92 -4.75	30.40 1.90 -8.50	35.61 2.16 -9.73	41.80 2.11 -15.93	47.84 2.07 -21.71	45.61 2.16 -18.89	37.45 2.17 -10.86	35.71 1.68 -13.72	33.52 1.34 -16.22	30.27 1.11 -16.45
ELLENBURG_WT_PWR 323604	22.03 -0.68 0.00	18.59 -0.67 0.00	15.96 -0.67 0.00	16.00 -0.67 0.00	5.53 -0.62 8.23	10.72 -0.58 4.41	9.40 -1.40 18.36	11.06 -1.57 21.41	9.49 -1.41 18.47	8.15 -1.13 15.77	21.61 -0.98 0.82	20.51 -0.90 0.00	20.53 -0.77 0.00	10.47 -0.84 8.33	14.53 -0.88 5.07	16.17 -0.88 2.95	11.44 -0.93 11.37	11.36 -1.00 11.40	10.29 -1.06 12.71	7.84 -1.23 15.49	7.60 -1.34 15.47	-0.38 -1.20 19.48	-7.00 -0.96 22.00	-7.01 -0.78 18.95
ELM_ST_23_KV_LD_REV_LBMP_A 345012	23.32 -0.14 -0.75	20.33 0.00 -1.07	18.23 0.07 -1.54	18.21 0.02 -1.53	16.58 0.00 -2.20	18.81 -0.03 -3.13	30.52 -0.64 -2.00	35.48 -1.09 -2.53	31.46 -0.85 -2.95	26.10 -0.60 -1.66	23.80 -0.30 -0.69	21.35 -0.54 -0.49	20.86 -0.66 -0.23	19.68 -0.51 -0.54	20.26 -0.59 -0.38	20.29 -0.58 -0.87	24.17 -0.81 -1.25	26.46 -0.81 -3.50	27.79 -0.99 -4.72	26.53 -0.98 -2.95	25.03 -0.85 -1.47	21.55 -0.67 -1.92	17.72 -0.40 -2.16	15.26 -0.27 -2.81
EMPIRE_CC_1 323656	26.73 0.77 -3.25	24.60 0.69 -4.64	23.92 0.62 -6.68	23.93 0.62 -6.64	24.46 0.52 -9.56	29.86 0.52 -13.63	38.84 0.96 -8.72	46.23 1.16 -11.03	43.24 1.00 -12.88	33.09 0.80 -7.25	27.23 0.82 -2.99	24.27 0.75 -2.12	23.04 0.74 -1.01	22.68 0.69 -2.34	22.84 0.72 -1.65	24.48 0.68 -3.79	29.91 0.76 -5.42	39.78 0.76 -15.26	45.36 0.72 -20.58	38.61 0.76 -13.30	31.76 0.73 -6.61	29.64 0.71 -8.64	26.25 0.56 -9.73	25.82 0.44 -12.66

EMPIRE_CC_2 323658	26.73 0.77 -3.25	24.60 0.69 -4.64	23.92 0.62 -6.68	23.93 0.62 -6.64	24.46 0.52 -9.56	29.86 0.52 -13.63	38.84 0.96 -8.72	46.23 1.16 -11.03	43.24 1.00 -12.88	33.09 0.80 -7.25	27.23 0.82 -2.99	24.27 0.75 -2.12	23.04 0.74 -1.01	22.68 0.69 -2.34	22.84 0.72 -1.65	24.48 0.68 -3.79	29.91 0.76 -5.42	39.78 0.76 -15.26	45.36 0.72 -20.58	38.61 0.76 -13.30	31.76 0.73 -6.61	29.64 0.71 -8.64	26.25 0.56 -9.73	25.82 0.44 -12.66
ENORWICH_115KV_TB1 80156	25.54 1.73 -1.11	22.35 1.50 -1.58	20.20 1.30 -2.28	20.28 1.35 -2.26	18.79 1.15 -3.26	21.60 1.24 -4.65	34.87 2.74 -2.97	40.26 2.45 -3.77	35.70 1.94 -4.39	28.82 1.30 -2.47	25.54 1.10 -1.02	22.94 0.81 -0.72	22.30 0.66 -0.34	21.06 0.61 -0.80	21.72 0.68 -0.56	22.50 1.20 -1.29	27.08 1.49 -1.86	30.80 1.81 -5.23	32.89 1.78 -7.06	30.70 1.74 -4.40	28.14 1.54 -2.19	24.42 1.26 -2.86	20.12 0.94 -3.22	17.63 0.72 -4.19
ERIE_ST__34_KV_TB1-2 80199	23.24 -0.23 -0.76	20.26 -0.10 -1.08	18.17 -0.02 -1.56	18.15 -0.07 -1.55	16.54 -0.07 -2.23	18.80 -0.09 -3.18	30.58 -0.61 -2.04	35.66 -0.95 -2.57	31.60 -0.76 -3.00	26.15 -0.58 -1.69	23.81 -0.30 -0.70	21.34 -0.56 -0.49	20.84 -0.68 -0.23	19.67 -0.53 -0.55	20.23 -0.63 -0.38	20.28 -0.60 -0.88	24.19 -0.81 -1.27	26.54 -0.78 -3.56	27.92 -0.94 -4.80	26.60 -0.96 -3.00	25.08 -0.83 -1.49	21.56 -0.69 -1.95	17.72 -0.43 -2.20	15.27 -0.31 -2.86
ERIE_WT_PWR 323693	23.39 -0.07 -0.76	20.40 0.06 -1.08	18.28 0.10 -1.55	18.28 0.07 -1.54	16.64 0.04 -2.22	18.89 0.02 -3.17	30.68 -0.50 -2.03	35.68 -0.92 -2.55	31.67 -0.67 -2.98	26.24 -0.48 -1.68	23.90 -0.21 -0.69	21.47 -0.43 -0.49	20.95 -0.57 -0.23	19.76 -0.43 -0.54	20.33 -0.53 -0.38	20.38 -0.50 -0.88	24.28 -0.66 -1.22	26.50 -0.69 -3.42	28.10 -0.58 -4.62	26.54 -0.98 -2.96	25.16 -0.73 -1.47	21.63 -0.59 -1.93	17.77 -0.35 -2.17	15.28 -0.25 -2.82
ESPRGFLD_115KV_TB1 80157	23.43 1.00 0.28	19.72 0.85 0.39	16.77 0.71 0.57	16.85 0.75 0.56	14.23 0.66 0.81	15.39 0.83 1.16	30.13 1.72 0.74	35.15 2.04 0.94	29.97 1.70 1.09	25.68 1.25 0.62	24.24 1.08 0.25	22.06 0.83 0.18	21.93 0.72 0.09	20.12 0.67 0.20	21.01 0.68 0.14	20.40 0.72 0.32	24.25 1.00 0.47	23.60 1.16 1.33	23.49 1.23 1.79	24.51 1.18 1.23	25.00 1.20 0.61	20.43 0.93 0.80	15.73 0.67 0.90	12.04 0.50 1.17
ETNA_115_KV_TB1_REV_LBMP_C 345029	24.46 0.84 -0.91	21.30 0.73 -1.30	19.15 0.65 -1.87	19.18 0.65 -1.86	17.63 0.58 -2.68	20.14 0.61 -3.82	32.82 1.22 -2.44	38.53 1.40 -3.09	34.12 1.15 -3.61	27.92 0.85 -2.03	25.07 0.82 -0.84	22.58 0.58 -0.59	22.04 0.47 -0.28	20.74 0.43 -0.66	21.45 0.51 -0.46	21.73 0.66 -1.06	25.87 0.62 -1.53	28.77 0.71 -4.30	30.53 0.67 -5.80	28.83 0.71 -3.56	26.82 0.63 -1.77	23.16 0.55 -2.31	18.96 0.40 -2.61	16.41 0.31 -3.39
ETNA_____115KV_TB2 80207	24.46 0.84 -0.91	21.30 0.73 -1.30	19.15 0.65 -1.87	19.18 0.65 -1.86	17.63 0.58 -2.68	20.14 0.61 -3.82	32.82 1.22 -2.44	38.53 1.40 -3.09	34.12 1.15 -3.61	27.92 0.85 -2.03	25.07 0.82 -0.84	22.58 0.58 -0.59	22.04 0.47 -0.28	20.74 0.43 -0.66	21.45 0.51 -0.46	21.73 0.66 -1.06	25.87 0.62 -1.53	28.77 0.71 -4.30	30.53 0.67 -5.80	28.83 0.71 -3.56	26.82 0.63 -1.77	23.16 0.55 -2.31	18.96 0.40 -2.61	16.41 0.31 -3.39
EUCLID__115KV_TB2 356179	23.28 0.02 -0.55	20.09 0.04 -0.78	17.80 0.05 -1.13	17.82 0.03 -1.12	16.04 0.04 -1.61	18.04 0.03 -2.30	30.65 0.03 -1.47	35.94 0.03 -1.86	31.56 0.03 -2.17	26.26 0.00 -1.22	23.97 0.05 -0.50	21.70 -0.06 -0.36	21.35 -0.11 -0.17	19.95 -0.10 -0.40	20.65 -0.10 -0.28	20.66 0.02 -0.64	24.52 -0.14 -0.93	26.26 -0.12 -2.61	27.41 -0.17 -3.52	26.58 -0.12 -2.15	25.31 -0.17 -1.07	21.61 -0.08 -1.39	17.46 -0.06 -1.57	14.70 -0.06 -2.04
E_CANADA_CAP_HY 24051	27.94 0.88 -4.35	26.26 0.79 -6.20	26.22 0.67 -8.93	26.24 0.70 -8.87	27.78 0.62 -12.78	34.77 0.85 -18.21	42.53 1.72 -11.66	50.72 1.94 -14.74	48.15 1.58 -17.20	35.85 1.13 -9.69	28.35 0.94 -4.00	24.90 0.66 -2.83	23.23 0.60 -1.35	23.33 0.55 -3.13	23.25 0.57 -2.21	25.67 0.62 -5.05	31.90 0.95 -7.22	45.18 1.12 -20.30	52.70 1.27 -27.37	43.40 1.15 -17.69	34.45 1.24 -8.79	32.78 0.99 -11.49	29.59 0.69 -12.95	30.04 0.48 -16.84
E_CANADA_MHWK_HY 24050	23.59 0.82 -0.06	20.05 0.69 -0.09	17.36 0.60 -0.13	17.40 0.60 -0.13	15.56 0.52 -0.67	16.69 0.46 -0.53	31.50 1.11 -1.24	36.73 1.22 -1.46	31.72 1.03 -1.33	26.75 0.65 -1.06	24.15 0.63 -0.11	22.00 0.56 -0.04	21.82 0.51 -0.02	20.61 0.43 -0.53	21.23 0.43 -0.33	20.65 0.40 -0.25	25.01 0.52 -0.76	25.40 0.69 -0.95	25.71 0.53 -1.13	26.36 0.61 -1.19	25.87 0.41 -1.04	21.90 0.51 -1.10	17.31 0.38 -0.97	13.87 0.30 -0.85
E_FISHKILL__LBMP 23776	27.01 1.50 -2.80	24.47 1.21 -3.99	23.41 1.03 -5.75	23.40 1.02 -5.71	23.50 0.89 -8.23	28.45 1.01 -11.73	38.61 1.95 -7.51	45.82 2.28 -9.50	42.39 1.94 -11.08	33.03 1.75 -6.24	27.56 1.57 -2.58	24.66 1.43 -1.82	23.56 1.41 -0.87	22.99 1.32 -2.02	23.25 1.35 -1.42	24.60 1.34 -3.26	29.93 1.52 -4.69	38.46 1.52 -13.18	43.32 1.49 -17.77	37.54 1.55 -11.44	31.64 1.54 -5.69	28.92 1.20 -7.43	25.27 0.94 -8.37	24.38 0.78 -10.89
FALCON__SEABRD_CC1 323796	22.30 -0.41 0.00	18.84 -0.42 0.00	16.16 -0.47 0.00	16.18 -0.48 0.00	5.72 -0.45 8.22	10.94 -0.38 4.40	9.62 -1.22 18.31	11.32 -1.36 21.36	9.70 -1.23 18.43	8.38 -0.93 15.73	21.78 -0.82 0.82	20.63 -0.77 0.00	20.78 -0.51 0.00	10.73 -0.61 8.32	14.81 -0.61 5.05	16.42 -0.64 2.95	11.72 -0.66 11.34	11.68 -0.71 11.37	10.68 -0.70 12.68	8.17 -0.93 15.46	7.96 -1.02 15.44	-0.09 -0.91 19.48	-6.85 -0.75 22.05	-6.91 -0.61 19.01
FALCON__SEABRD_CC2 323797	22.30 -0.41 0.00	18.84 -0.42 0.00	16.16 -0.47 0.00	16.18 -0.48 0.00	5.72 -0.45 8.22	10.94 -0.38 4.40	9.62 -1.22 18.31	11.32 -1.36 21.36	9.70 -1.23 18.43	8.38 -0.93 15.73	21.78 -0.82 0.82	20.63 -0.77 0.00	20.78 -0.51 0.00	10.73 -0.61 8.32	14.81 -0.61 5.05	16.42 -0.64 2.95	11.72 -0.66 11.34	11.68 -0.71 11.37	10.68 -0.70 12.68	8.17 -0.93 15.46	7.96 -1.02 15.44	-0.09 -0.91 19.48	-6.85 -0.75 22.05	-6.91 -0.61 19.01
FAR ROCKAWAY__4 23548	27.83 2.36 -2.76	25.61 1.95 -4.40	24.34 1.66 -6.05	23.92 1.62 -5.63	25.84 1.44 -10.02	35.26 1.60 -17.95	42.78 3.09 -10.54	52.78 3.64 -15.10	44.88 3.05 -12.46	35.13 2.75 -7.34	33.22 2.48 -7.32	28.56 2.27 -4.89	24.86 2.24 -1.34	26.26 2.06 -4.55	27.40 2.17 -4.75	30.64 2.14 -8.50	35.87 2.42 -9.72	42.11 2.42 -15.93	48.15 2.38 -21.71	45.95 2.50 -18.89	37.76 2.49 -10.86	35.99 1.97 -13.72	33.74 1.56 -16.22	30.45 1.28 -16.45
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	27.35 1.88 -2.76	24.69 1.48 -3.93	23.56 1.26 -5.67	23.55 1.25 -5.63	23.58 1.09 -8.11	28.51 1.24 -11.56	38.94 2.39 -7.40	46.16 2.76 -9.36	42.64 2.35 -10.92	33.39 2.20 -6.15	27.92 1.97 -2.54	25.04 1.84 -1.80	23.98 1.83 -0.86	23.33 1.69 -1.99	23.62 1.74 -1.40	24.93 1.72 -3.21	30.27 1.92 -4.62	38.61 1.85 -12.99	43.33 1.76 -17.52	37.70 1.87 -11.27	31.90 1.88 -5.60	29.08 1.46 -7.32	25.40 1.20 -8.25	24.44 0.99 -10.73

FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	27.35 1.88 -2.76	24.69 1.48 -3.93	23.57 1.28 -5.67	23.57 1.27 -5.63	23.60 1.11 -8.11	28.51 1.24 -11.56	38.94 2.39 -7.40	46.16 2.76 -9.36	42.64 2.35 -10.92	33.39 2.20 -6.15	27.92 1.97 -2.54	25.04 1.84 -1.80	23.98 1.83 -0.86	23.33 1.69 -1.99	23.62 1.74 -1.40	24.93 1.72 -3.21	30.27 1.92 -4.62	38.61 1.85 -12.99	43.33 1.76 -17.52	37.72 1.89 -11.27	31.90 1.88 -5.60	29.08 1.46 -7.32	25.40 1.20 -8.25	24.44 0.99 -10.73
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	27.33 1.86 -2.76	24.69 1.48 -3.93	23.56 1.26 -5.67	23.55 1.25 -5.63	23.58 1.09 -8.11	28.51 1.24 -11.56	38.91 2.36 -7.40	46.16 2.76 -9.36	42.61 2.32 -10.92	33.39 2.20 -6.15	27.92 1.97 -2.54	25.04 1.84 -1.80	23.96 1.81 -0.86	23.31 1.67 -1.99	23.62 1.74 -1.40	24.91 1.70 -3.21	30.24 1.90 -4.62	38.58 1.83 -12.99	43.30 1.73 -17.52	37.70 1.87 -11.27	31.87 1.86 -5.60	29.06 1.44 -7.32	25.39 1.18 -8.25	24.44 0.99 -10.73
FARRAGUT___LBMP 323566	27.33 1.86 -2.76	24.67 1.46 -3.93	23.54 1.25 -5.67	23.53 1.23 -5.63	23.57 1.08 -8.11	28.50 1.23 -11.56	38.88 2.33 -7.40	46.13 2.72 -9.36	42.58 2.29 -10.92	33.37 2.18 -6.15	27.90 1.94 -2.54	25.02 1.82 -1.80	23.94 1.79 -0.86	23.31 1.67 -1.99	23.60 1.72 -1.40	24.91 1.70 -3.21	30.24 1.90 -4.62	38.56 1.81 -12.99	43.28 1.71 -17.52	37.67 1.84 -11.27	31.87 1.86 -5.60	29.06 1.44 -7.32	25.39 1.18 -8.25	24.43 0.98 -10.73
FENNER___WINDPWR 24204	23.92 0.68 -0.53	20.63 0.60 -0.76	18.24 0.52 -1.09	18.29 0.53 -1.09	16.40 0.46 -1.56	18.41 0.47 -2.23	31.66 1.08 -1.43	37.21 1.36 -1.81	32.59 1.12 -2.11	27.00 0.78 -1.19	24.58 0.68 -0.49	22.29 0.54 -0.35	21.90 0.45 -0.17	20.45 0.41 -0.38	21.18 0.43 -0.27	21.09 0.46 -0.63	25.12 0.55 -0.85	26.83 0.69 -2.38	27.96 0.70 -3.21	27.32 0.59 -2.18	25.99 0.49 -1.08	22.18 0.47 -1.42	17.89 0.34 -1.59	15.04 0.25 -2.07
FIBERTEK___ENERGY 23856	23.68 0.36 -0.60	20.46 0.33 -0.86	18.17 0.30 -1.24	18.20 0.30 -1.23	16.43 0.27 -1.78	18.53 0.28 -2.53	31.30 0.52 -1.62	36.74 0.65 -2.05	32.32 0.56 -2.40	26.81 0.43 -1.35	24.39 0.42 -0.56	22.05 0.26 -0.39	21.69 0.21 -0.19	20.26 0.18 -0.44	21.01 0.23 -0.31	21.33 0.62 -0.70	24.85 0.12 -1.01	26.76 0.17 -2.83	27.99 0.12 -3.81	27.00 0.15 -2.30	25.66 0.10 -1.14	21.93 0.14 -1.49	17.73 0.10 -1.68	14.97 0.06 -2.19
FITZPATRICK____ 23598	22.70 -0.41 -0.40	19.49 -0.35 -0.57	17.16 -0.28 -0.82	17.20 -0.28 -0.81	15.30 -0.24 -1.17	17.10 -0.28 -1.67	29.64 -0.58 -1.07	34.67 -0.72 -1.35	30.35 -0.59 -1.57	25.43 -0.50 -0.89	23.33 -0.45 -0.37	21.19 -0.47 -0.26	20.90 -0.51 -0.12	19.49 -0.45 -0.29	20.21 -0.47 -0.20	20.00 -0.46 -0.46	23.89 -0.52 -0.69	25.20 -0.50 -1.94	26.16 -0.51 -2.61	25.66 -0.56 -1.67	24.69 -0.56 -0.83	20.98 -0.41 -1.08	16.86 -0.32 -1.22	14.05 -0.25 -1.59
FLOWRFLD_69_KV_BK1 356044	28.58 3.11 -2.76	26.42 2.76 -4.40	25.01 2.33 -6.06	24.58 2.28 -5.63	26.42 2.01 -10.03	35.96 2.29 -17.95	44.24 4.55 -10.54	54.29 5.14 -15.10	46.38 4.55 -12.47	36.29 3.91 -7.34	34.30 3.56 -7.32	29.55 3.25 -4.89	25.93 3.30 -1.34	27.31 3.10 -4.55	28.51 3.28 -4.76	31.65 3.14 -8.50	37.16 3.70 -9.73	43.26 3.56 -15.93	49.36 3.58 -21.72	46.99 3.54 -18.90	38.99 3.71 -10.87	36.80 2.78 -13.73	34.41 2.23 -16.23	30.98 1.81 -16.46
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	27.19 1.75 -2.74	24.58 1.41 -3.90	23.43 1.18 -5.62	23.42 1.17 -5.59	23.45 1.02 -8.05	28.32 1.13 -11.47	38.74 2.24 -7.34	45.95 2.62 -9.29	42.47 2.26 -10.84	33.12 1.98 -6.10	27.60 1.66 -2.52	24.62 1.43 -1.78	23.52 1.38 -0.85	22.94 1.32 -1.97	23.22 1.35 -1.39	24.55 1.36 -3.19	29.88 1.57 -4.58	38.29 1.64 -12.89	43.12 1.68 -17.38	37.44 1.72 -11.17	31.70 1.73 -5.55	28.89 1.34 -7.25	25.15 1.02 -8.18	24.20 0.85 -10.63
FORT ORANGE____ 23900	26.67 0.59 -3.37	24.69 0.62 -4.81	24.10 0.55 -6.92	24.12 0.57 -6.88	24.75 0.46 -9.91	30.26 0.42 -14.13	39.07 0.87 -9.04	46.59 1.12 -11.43	43.67 0.97 -13.33	33.27 0.73 -7.51	27.15 0.63 -3.10	24.20 0.60 -2.19	22.91 0.58 -1.04	22.63 0.55 -2.43	22.76 0.57 -1.71	24.47 0.56 -3.91	29.97 0.64 -5.60	40.22 0.71 -15.74	46.03 0.75 -21.23	39.01 0.74 -13.71	31.96 0.73 -6.82	29.79 0.59 -8.91	26.43 0.43 -10.04	26.12 0.34 -13.06
FORT_DRUM_COGEN 23780	23.17 0.16 -0.30	19.86 0.15 -0.43	17.38 0.13 -0.62	17.47 0.18 -0.62	13.79 0.14 0.74	16.30 0.19 -0.40	26.97 0.64 2.82	31.72 0.89 3.21	27.61 0.70 2.45	22.87 0.28 2.45	23.65 0.12 -0.12	21.64 0.04 -0.20	21.30 -0.09 -0.09	18.14 -0.08 1.43	19.48 -0.14 0.85	19.87 0.12 0.25	21.97 -0.05 1.71	23.25 0.21 0.73	23.89 0.29 0.45	22.96 0.25 1.84	22.08 0.12 2.46	18.31 0.14 2.13	14.69 0.05 1.31	12.31 -0.01 0.39
FOX_HILLS___ESR 323835	27.60 2.13 -2.76	24.88 1.68 -3.93	23.72 1.43 -5.67	23.72 1.42 -5.63	23.73 1.24 -8.11	28.67 1.40 -11.56	38.86 2.30 -7.40	45.92 2.52 -9.36	42.43 2.14 -10.92	33.39 2.20 -6.15	27.90 1.94 -2.54	25.00 1.80 -1.80	23.94 1.79 -0.86	23.25 1.61 -1.99	23.58 1.70 -1.40	24.91 1.70 -3.21	30.32 1.97 -4.62	38.63 1.88 -12.99	43.30 1.73 -17.52	37.72 1.89 -11.27	31.78 1.76 -5.60	29.08 1.46 -7.32	25.50 1.29 -8.25	24.53 1.08 -10.74
FPL_FAR_ROCK_GT1 24212	27.83 2.36 -2.76	25.62 1.95 -4.41	24.35 1.66 -6.06	23.92 1.62 -5.63	25.85 1.44 -10.03	35.27 1.60 -17.96	42.79 3.09 -10.54	52.79 3.64 -15.10	44.88 3.05 -12.47	35.14 2.75 -7.35	33.22 2.48 -7.33	28.59 2.29 -4.90	24.87 2.23 -1.34	26.27 2.06 -4.56	27.41 2.17 -4.76	30.66 2.14 -8.52	35.86 2.42 -9.71	42.06 2.42 -15.88	48.16 2.45 -21.65	45.93 2.48 -18.89	37.77 2.49 -10.86	35.99 1.97 -13.73	33.75 1.56 -16.23	30.47 1.30 -16.46
FPL_FAR_ROCK_GT2 23815	27.83 2.36 -2.76	25.62 1.95 -4.41	24.35 1.66 -6.06	23.92 1.62 -5.63	25.85 1.44 -10.03	35.27 1.60 -17.96	42.79 3.09 -10.54	52.79 3.64 -15.10	44.88 3.05 -12.47	35.14 2.75 -7.35	33.22 2.48 -7.33	28.59 2.29 -4.90	24.87 2.23 -1.34	26.27 2.06 -4.56	27.41 2.17 -4.76	30.66 2.14 -8.52	35.86 2.42 -9.71	42.06 2.42 -15.88	48.16 2.45 -21.65	45.93 2.48 -18.89	37.77 2.49 -10.86	35.99 1.97 -13.73	33.75 1.56 -16.23	30.47 1.30 -16.46
FRANKLIN_FALL_HYD 24054	22.19 -0.52 0.00	18.77 -0.50 0.00	16.11 -0.52 0.00	16.15 -0.52 0.00	6.18 -0.49 7.71	11.13 -0.46 4.12	10.98 -0.99 17.18	12.91 -1.09 20.04	11.14 -0.94 17.29	9.53 -0.75 14.76	21.95 -0.70 0.77	20.76 -0.64 0.00	20.69 -0.60 0.00	11.22 -0.63 7.80	15.08 -0.66 4.74	16.56 -0.68 2.77	12.38 -0.71 10.64	12.40 -0.69 10.67	11.53 -0.63 11.90	9.24 -0.81 14.50	9.06 -0.88 14.48	7.52 -0.79 11.99	9.19 -0.65 6.11	9.21 -0.55 2.96
FREEPORT_EQUS_GT1 23764	27.72 2.25 -2.76	25.54 1.87 -4.41	24.28 1.60 -6.06	23.85 1.55 -5.63	25.79 1.38 -10.03	35.24 1.57 -17.96	42.67 2.98 -10.55	52.65 3.51 -15.11	44.80 2.96 -12.47	35.07 2.68 -7.35	33.20 2.46 -7.33	28.55 2.25 -4.90	24.85 2.21 -1.34	26.25 2.04 -4.56	27.39 2.15 -4.76	30.62 2.10 -8.52	35.86 2.42 -9.71	42.02 2.38 -15.88	48.13 2.43 -21.65	45.86 2.41 -18.89	37.72 2.44 -10.87	35.93 1.91 -13.73	33.70 1.52 -16.23	30.43 1.26 -16.46

FREEPORT___CT2 23818	27.72 2.25 -2.76	25.54 1.87 -4.41	24.28 1.60 -6.06	23.85 1.55 -5.63	25.79 1.38 -10.03	35.24 1.57 -17.96	42.67 2.98 -10.55	52.65 3.51 -15.11	44.80 2.96 -12.47	35.07 2.68 -7.35	33.20 2.46 -7.33	28.55 2.25 -4.90	24.85 2.21 -1.34	26.25 2.04 -4.56	27.39 2.15 -4.76	30.62 2.10 -8.52	35.86 2.42 -9.71	42.02 2.38 -15.88	48.13 2.43 -21.65	45.86 2.41 -18.89	37.72 2.44 -10.87	35.93 1.91 -13.73	33.70 1.52 -16.23	30.43 1.26 -16.46
FRESHKLS_33_KV_LOAD 356253	27.67 2.20 -2.76	24.94 1.73 -3.93	23.76 1.46 -5.67	23.77 1.47 -5.63	23.76 1.27 -8.11	28.70 1.43 -11.56	38.68 2.13 -7.40	45.68 2.28 -9.36	42.23 1.94 -10.92	33.24 2.05 -6.15	27.71 1.76 -2.54	24.85 1.65 -1.80	23.79 1.64 -0.86	23.11 1.47 -1.99	23.43 1.56 -1.40	24.77 1.56 -3.21	30.17 1.83 -4.62	38.46 1.71 -12.99	43.16 1.59 -17.52	37.60 1.77 -11.27	31.61 1.59 -5.60	29.04 1.42 -7.32	25.48 1.28 -8.25	24.51 1.06 -10.74
FULTON COGEN____ 23766	23.15 -0.05 -0.49	19.95 -0.02 -0.70	17.62 -0.02 -1.01	17.67 0.00 -1.00	15.83 0.00 -1.45	17.73 -0.05 -2.06	30.41 -0.06 -1.32	35.68 -0.03 -1.67	31.28 -0.03 -1.95	26.01 -0.13 -1.10	23.77 -0.09 -0.45	21.55 -0.17 -0.32	21.23 -0.21 -0.15	19.81 -0.20 -0.35	20.52 -0.20 -0.25	20.97 0.50 -0.46	24.47 -0.17 -0.91	26.24 -0.07 -2.55	27.32 -0.17 -3.44	26.47 -0.10 -2.01	25.25 -0.17 -1.00	21.54 -0.06 -1.31	17.38 -0.05 -1.47	14.58 -0.05 -1.92
FULTON___LFGE 323630	28.39 1.59 -4.09	26.53 1.43 -5.83	26.21 1.18 -8.40	26.27 1.25 -8.35	27.50 1.09 -12.03	34.06 1.21 -17.14	43.01 2.89 -10.97	51.35 3.44 -13.88	48.58 3.03 -16.19	36.04 1.88 -9.12	28.72 1.54 -3.76	25.22 1.15 -2.66	23.62 1.06 -1.27	23.58 0.98 -2.95	23.58 1.02 -2.08	25.87 1.12 -4.75	32.18 1.66 -6.79	45.02 2.16 -19.10	51.83 2.02 -25.76	43.38 2.18 -16.64	34.71 2.03 -8.27	32.87 1.76 -10.81	29.38 1.25 -12.18	29.45 0.89 -15.85
G.F.CEMENT___DRP 24184	27.06 0.84 -3.51	25.05 0.77 -5.01	24.61 0.76 -7.22	24.66 0.82 -7.17	25.42 0.70 -10.33	31.30 0.86 -14.72	40.30 1.72 -9.42	47.97 2.01 -11.92	45.01 1.73 -13.91	34.18 1.30 -7.83	28.24 1.59 -3.23	25.08 1.39 -2.29	23.70 1.32 -1.09	23.27 1.08 -2.53	23.39 1.13 -1.78	25.09 1.00 -4.09	30.91 1.35 -5.83	41.22 1.05 -16.41	47.29 1.11 -22.13	39.87 1.06 -14.26	32.65 1.15 -7.09	30.37 0.81 -9.26	27.14 0.75 -10.44	26.84 0.55 -13.58
GARDENVILLE___LBMP 24039	23.33 -0.14 -0.76	20.35 0.00 -1.08	18.24 0.07 -1.55	18.23 0.02 -1.54	16.60 0.00 -2.22	18.85 -0.03 -3.17	30.60 -0.58 -2.03	35.58 -1.02 -2.55	31.55 -0.79 -2.98	26.17 -0.55 -1.68	23.83 -0.28 -0.69	21.38 -0.51 -0.49	20.89 -0.64 -0.23	19.70 -0.49 -0.54	20.26 -0.59 -0.38	20.32 -0.56 -0.88	24.20 -0.78 -1.26	26.52 -0.78 -3.54	27.87 -0.96 -4.77	26.58 -0.96 -2.99	25.07 -0.83 -1.48	21.59 -0.65 -1.94	17.74 -0.40 -2.19	15.30 -0.25 -2.84
GARDNVLA_35_KV_LD 355827	23.44 -0.02 -0.76	20.42 0.08 -1.08	18.31 0.13 -1.55	18.29 0.08 -1.54	16.66 0.06 -2.22	18.93 0.05 -3.17	30.74 -0.44 -2.03	35.74 -0.85 -2.55	31.70 -0.65 -2.98	26.29 -0.43 -1.68	23.94 -0.16 -0.69	21.49 -0.41 -0.49	20.99 -0.53 -0.23	19.80 -0.39 -0.54	20.37 -0.49 -0.38	20.42 -0.46 -0.88	24.32 -0.66 -1.26	26.64 -0.67 -3.54	28.01 -0.82 -4.77	26.71 -0.83 -2.98	25.19 -0.71 -1.48	21.69 -0.55 -1.94	17.82 -0.32 -2.18	15.35 -0.20 -2.84
GELCKHM___115KV_LOAD 80723	23.41 0.14 -0.57	20.22 0.13 -0.81	17.93 0.13 -1.17	17.97 0.13 -1.16	16.19 0.13 -1.68	18.23 0.13 -2.39	30.89 0.20 -1.53	36.21 0.24 -1.93	31.83 0.21 -2.26	26.49 0.18 -1.27	24.13 0.19 -0.52	21.84 0.06 -0.37	21.49 0.02 -0.18	20.06 0.00 -0.41	20.79 0.02 -0.29	20.91 0.24 -0.66	24.66 -0.02 -0.96	26.46 0.00 -2.69	27.64 -0.05 -3.63	26.74 -0.02 -2.21	25.44 -0.07 -1.10	21.73 0.00 -1.43	17.55 -0.02 -1.62	14.80 -0.01 -2.10
GENERAL___MILLS 23808	23.39 -0.07 -0.76	20.38 0.04 -1.08	18.28 0.10 -1.55	18.26 0.05 -1.54	16.63 0.03 -2.22	18.88 0.00 -3.17	30.68 -0.50 -2.03	35.64 -0.95 -2.55	31.64 -0.70 -2.98	26.22 -0.50 -1.68	23.90 -0.21 -0.69	21.44 -0.45 -0.49	20.93 -0.60 -0.23	19.74 -0.45 -0.54	20.33 -0.53 -0.38	20.36 -0.52 -0.88	24.28 -0.71 -1.26	26.59 -0.71 -3.54	27.94 -0.89 -4.77	26.66 -0.88 -2.98	25.14 -0.76 -1.48	21.63 -0.61 -1.94	17.79 -0.35 -2.18	15.33 -0.23 -2.84
GE_PLASTICS___DRP 24183	26.76 0.68 -3.37	24.71 0.64 -4.80	24.11 0.57 -6.92	24.11 0.57 -6.88	24.76 0.47 -9.90	30.30 0.47 -14.11	39.12 0.93 -9.03	46.59 1.12 -11.43	43.67 0.97 -13.34	33.32 0.78 -7.51	27.22 0.70 -3.10	24.26 0.66 -2.19	22.97 0.64 -1.04	22.69 0.61 -2.43	22.82 0.63 -1.71	24.54 0.62 -3.92	30.03 0.69 -5.62	40.30 0.74 -15.80	46.08 0.72 -21.31	39.02 0.74 -13.73	31.97 0.73 -6.82	29.80 0.59 -8.92	26.47 0.46 -10.05	26.14 0.36 -13.07
GILBOA___1 23756	26.31 0.86 -2.74	23.89 0.71 -3.91	22.87 0.62 -5.63	22.88 0.62 -5.59	22.97 0.53 -8.06	27.78 0.58 -11.48	37.64 1.14 -7.35	44.60 1.26 -9.30	41.33 1.12 -10.85	32.12 0.98 -6.11	26.85 0.91 -2.52	23.98 0.79 -1.79	22.91 0.77 -0.85	22.35 0.73 -1.98	22.63 0.76 -1.39	23.94 0.74 -3.19	29.14 0.85 -4.56	37.44 0.85 -12.82	42.16 0.82 -17.29	36.58 0.86 -11.17	30.82 0.85 -5.55	28.22 0.67 -7.25	24.67 0.54 -8.18	23.80 0.44 -10.64
GILBOA___2 23757	26.31 0.86 -2.74	23.89 0.71 -3.91	22.87 0.62 -5.63	22.88 0.62 -5.59	22.97 0.53 -8.06	27.78 0.58 -11.48	37.64 1.14 -7.35	44.60 1.26 -9.30	41.33 1.12 -10.85	32.12 0.98 -6.11	26.85 0.91 -2.52	23.98 0.79 -1.79	22.91 0.77 -0.85	22.35 0.73 -1.98	22.63 0.76 -1.39	23.94 0.74 -3.19	29.14 0.85 -4.56	37.44 0.85 -12.82	42.16 0.82 -17.29	36.58 0.86 -11.17	30.82 0.85 -5.55	28.22 0.67 -7.25	24.67 0.54 -8.18	23.80 0.44 -10.64
GILBOA___3 23758	26.31 0.86 -2.74	23.89 0.71 -3.91	22.87 0.62 -5.63	22.88 0.62 -5.59	22.97 0.53 -8.06	27.78 0.58 -11.48	37.64 1.14 -7.35	44.60 1.26 -9.30	41.33 1.12 -10.85	32.12 0.98 -6.11	26.85 0.91 -2.52	23.98 0.79 -1.79	22.91 0.77 -0.85	22.35 0.73 -1.98	22.63 0.76 -1.39	23.94 0.74 -3.19	29.14 0.85 -4.56	37.44 0.85 -12.82	42.16 0.82 -17.29	36.58 0.86 -11.17	30.82 0.85 -5.55	28.22 0.67 -7.25	24.67 0.54 -8.18	23.80 0.44 -10.64
GILBOA___4 23759	26.31 0.86 -2.74	23.89 0.71 -3.91	22.87 0.62 -5.63	22.88 0.62 -5.59	22.97 0.53 -8.06	27.78 0.58 -11.48	37.64 1.14 -7.35	44.60 1.26 -9.30	41.33 1.12 -10.85	32.12 0.98 -6.11	26.85 0.91 -2.52	23.98 0.79 -1.79	22.91 0.77 -0.85	22.35 0.73 -1.98	22.63 0.76 -1.39	23.94 0.74 -3.19	29.14 0.85 -4.56	37.44 0.85 -12.82	42.16 0.82 -17.29	36.58 0.86 -11.17	30.82 0.85 -5.55	28.22 0.67 -7.25	24.67 0.54 -8.18	23.80 0.44 -10.64
GILBOA____ 23599	26.31 0.86 -2.74	23.89 0.71 -3.91	22.87 0.62 -5.63	22.88 0.62 -5.59	22.97 0.53 -8.06	27.78 0.58 -11.48	37.64 1.14 -7.35	44.60 1.26 -9.30	41.33 1.12 -10.85	32.13 0.98 -6.11	26.85 0.91 -2.52	23.98 0.79 -1.79	22.91 0.77 -0.85	22.35 0.73 -1.98	22.62 0.76 -1.39	23.93 0.74 -3.19	29.16 0.85 -4.58	37.50 0.86 -12.89	42.28 0.84 -17.38	36.62 0.88 -11.18	30.83 0.85 -5.55	28.23 0.67 -7.26	24.68 0.54 -8.18	23.79 0.43 -10.64

GINNA____ 23603	22.42 -0.93 -0.64	19.43 -0.75 -0.92	17.31 -0.63 -1.32	17.36 -0.62 -1.31	15.71 -0.56 -1.89	17.76 -0.64 -2.69	29.54 -1.34 -1.72	34.62 -1.60 -2.18	30.65 -1.26 -2.54	25.52 -0.95 -1.43	22.86 -1.15 -0.59	20.56 -1.26 -0.42	20.13 -1.36 -0.20	18.88 -1.24 -0.46	19.53 -1.27 -0.33	19.55 -1.20 -0.75	23.60 -1.16 -1.04	25.51 -1.16 -2.91	26.92 -1.06 -3.93	25.77 -1.30 -2.52	24.40 -1.27 -1.25	20.90 -1.03 -1.63	17.02 -0.78 -1.84	14.46 -0.65 -2.40
GLEN PARK____ 23778	23.23 0.20 -0.32	19.93 0.21 -0.45	17.46 0.18 -0.65	17.55 0.23 -0.64	13.95 0.19 0.62	16.44 0.24 -0.50	27.31 0.76 2.60	32.18 1.09 2.95	28.00 0.85 2.22	23.16 0.38 2.25	23.74 0.19 -0.14	21.65 0.04 -0.21	21.35 -0.04 -0.10	18.26 -0.06 1.34	19.56 -0.12 0.79	20.00 0.18 0.18	22.14 0.02 1.61	23.37 0.29 0.68	24.05 0.41 0.41	23.28 0.34 1.62	22.37 0.22 2.26	18.58 0.22 1.94	14.91 0.10 1.14	12.49 0.03 0.25
GLENDALDE_27_KV_LOAD 356172	27.51 2.04 -2.76	24.82 1.62 -3.93	23.67 1.38 -5.67	23.67 1.37 -5.63	23.68 1.19 -8.11	28.62 1.35 -11.56	38.94 2.39 -7.40	46.09 2.69 -9.36	42.61 2.32 -10.92	33.49 2.30 -6.15	28.01 2.06 -2.54	25.11 1.90 -1.80	24.04 1.89 -0.86	23.37 1.73 -1.99	23.68 1.80 -1.40	25.01 1.80 -3.21	30.39 2.04 -4.62	38.70 1.95 -12.99	43.38 1.80 -17.52	37.77 1.94 -11.27	31.87 1.86 -5.60	29.12 1.50 -7.32	25.52 1.31 -8.25	24.53 1.08 -10.74
GLENWOOD_IC_1_G5 23712	27.67 2.20 -2.76	25.50 1.83 -4.40	24.24 1.56 -6.05	23.82 1.52 -5.63	25.76 1.35 -10.02	35.20 1.54 -17.95	42.61 2.92 -10.54	52.61 3.47 -15.10	44.76 2.94 -12.46	35.03 2.65 -7.34	33.15 2.41 -7.32	28.50 2.20 -4.89	24.80 2.17 -1.34	26.21 2.00 -4.55	27.32 2.09 -4.75	30.56 2.06 -8.50	35.80 2.35 -9.73	41.99 2.30 -15.93	48.06 2.29 -21.71	45.80 2.36 -18.89	37.67 2.39 -10.86	35.87 1.85 -13.72	33.65 1.47 -16.22	30.36 1.20 -16.45
GLENWOOD_IC_2_G1 23688	27.60 2.13 -2.76	25.45 1.77 -4.41	24.20 1.51 -6.06	23.77 1.47 -5.63	25.72 1.31 -10.03	35.16 1.49 -17.96	42.52 2.83 -10.54	52.48 3.34 -15.10	44.65 2.82 -12.47	34.94 2.56 -7.35	33.06 2.32 -7.33	28.42 2.12 -4.90	24.72 2.09 -1.34	26.15 1.95 -4.56	27.27 2.03 -4.76	30.52 2.00 -8.52	35.72 2.28 -9.71	41.87 2.23 -15.88	47.96 2.26 -21.65	45.71 2.26 -18.89	37.57 2.29 -10.86	35.81 1.79 -13.73	33.60 1.42 -16.23	30.35 1.18 -16.46
GLENWOOD_IC_3_G1 23689	27.60 2.13 -2.76	25.45 1.77 -4.41	24.20 1.51 -6.06	23.77 1.47 -5.63	25.72 1.31 -10.03	35.16 1.49 -17.96	42.52 2.83 -10.54	52.48 3.34 -15.10	44.65 2.82 -12.47	34.94 2.56 -7.35	33.06 2.32 -7.33	28.42 2.12 -4.90	24.72 2.09 -1.34	26.15 1.95 -4.56	27.27 2.03 -4.76	30.52 2.00 -8.52	35.72 2.28 -9.71	41.87 2.23 -15.88	47.96 2.26 -21.65	45.71 2.26 -18.89	37.57 2.29 -10.86	35.81 1.79 -13.73	33.60 1.42 -16.23	30.35 1.18 -16.46
GLENWOOD____4 23550	27.67 2.20 -2.76	25.50 1.83 -4.40	24.24 1.56 -6.05	23.82 1.52 -5.63	25.76 1.35 -10.02	35.20 1.54 -17.95	42.61 2.92 -10.54	52.61 3.47 -15.10	44.76 2.94 -12.46	35.03 2.65 -7.34	33.15 2.41 -7.32	28.50 2.20 -4.89	24.80 2.17 -1.34	26.21 2.00 -4.55	27.32 2.09 -4.75	30.56 2.06 -8.50	35.80 2.35 -9.73	41.99 2.30 -15.93	48.06 2.29 -21.71	45.80 2.36 -18.89	37.67 2.39 -10.86	35.87 1.85 -13.72	33.65 1.47 -16.22	30.36 1.20 -16.45
GLENWOOD____5 23614	27.67 2.20 -2.76	25.50 1.83 -4.40	24.24 1.56 -6.05	23.82 1.52 -5.63	25.76 1.35 -10.02	35.20 1.54 -17.95	42.61 2.92 -10.54	52.61 3.47 -15.10	44.76 2.94 -12.46	35.03 2.65 -7.34	33.15 2.41 -7.32	28.50 2.20 -4.89	24.80 2.17 -1.34	26.21 2.00 -4.55	27.32 2.09 -4.75	30.56 2.06 -8.50	35.80 2.35 -9.73	41.99 2.30 -15.93	48.06 2.29 -21.71	45.80 2.36 -18.89	37.67 2.39 -10.86	35.87 1.85 -13.72	33.65 1.47 -16.22	30.36 1.20 -16.45
GLOBAL GREEN_PORT_GT1 23814	29.47 4.00 -2.76	27.24 3.56 -4.41	25.73 3.04 -6.06	25.28 2.98 -5.63	27.06 2.65 -10.03	36.48 2.81 -17.96	45.83 6.12 -10.55	56.24 7.08 -15.11	48.01 6.17 -12.47	37.20 4.81 -7.35	35.17 4.43 -7.33	30.59 4.28 -4.90	26.73 4.09 -1.35	28.06 3.85 -4.56	29.34 4.10 -4.76	32.42 3.90 -8.52	38.12 4.68 -9.72	44.49 4.85 -15.89	50.52 4.81 -21.65	48.34 4.89 -18.90	40.00 4.71 -10.87	37.70 3.67 -13.73	35.22 3.03 -16.23	31.55 2.38 -16.46
GLOBE____DSASP 323697	22.80 -0.64 -0.72	19.95 -0.35 -1.03	17.88 -0.23 -1.49	17.88 -0.27 -1.48	16.28 -0.23 -2.13	18.39 -0.36 -3.03	29.64 -1.46 -1.94	34.35 -2.14 -2.45	30.52 -1.70 -2.86	25.37 -1.28 -1.61	23.14 -0.94 -0.66	20.80 -1.07 -0.47	20.30 -1.21 -0.22	19.17 -1.00 -0.52	19.74 -1.11 -0.37	19.74 -1.10 -0.84	23.54 -1.40 -1.21	25.73 -1.43 -3.40	26.95 -1.68 -4.58	25.80 -1.62 -2.86	24.35 -1.49 -1.42	21.00 -1.16 -1.86	17.27 -0.78 -2.10	14.91 -0.53 -2.73
GOETHSLN____LBMP 323567	27.24 1.77 -2.76	24.61 1.41 -3.93	23.49 1.20 -5.67	23.48 1.18 -5.63	23.53 1.04 -8.11	28.44 1.16 -11.56	38.80 2.24 -7.40	45.99 2.59 -9.36	42.46 2.17 -10.92	33.27 2.08 -6.15	27.83 1.87 -2.54	24.96 1.76 -1.80	23.87 1.72 -0.86	23.25 1.61 -1.99	23.53 1.66 -1.40	24.85 1.64 -3.21	30.17 1.83 -4.62	38.46 1.71 -12.99	43.16 1.59 -17.52	37.57 1.74 -11.27	31.80 1.78 -5.60	29.00 1.38 -7.32	25.32 1.12 -8.25	24.39 0.94 -10.73
GOLAH____69_KV_TB 1_2 80279	23.61 0.25 -0.66	20.49 0.29 -0.94	18.26 0.28 -1.35	18.28 0.27 -1.34	16.51 0.20 -1.93	18.65 0.19 -2.75	30.94 0.03 -1.76	36.10 -0.17 -2.23	31.90 -0.06 -2.60	26.60 0.10 -1.46	24.28 0.26 -0.60	21.85 0.02 -0.43	21.37 -0.13 -0.20	20.06 -0.06 -0.47	20.69 -0.12 -0.33	20.63 -0.14 -0.76	24.59 -0.24 -1.09	26.58 -0.26 -3.08	27.89 -0.31 -4.15	26.88 -0.27 -2.59	25.46 -0.24 -1.29	21.82 -0.16 -1.69	17.81 -0.05 -1.90	15.17 -0.01 -2.47
GOODYEAR_LAKE_HYD 323669	24.68 1.09 -0.88	21.45 0.92 -1.26	19.22 0.78 -1.82	19.27 0.80 -1.80	17.68 0.70 -2.60	20.22 0.80 -3.70	33.19 1.66 -2.37	39.05 2.01 -3.00	34.57 1.70 -3.50	28.34 1.33 -1.97	25.40 1.17 -0.81	22.96 0.98 -0.58	22.44 0.87 -0.27	21.09 0.81 -0.64	21.74 0.82 -0.45	21.87 0.84 -1.03	26.25 1.04 -1.48	29.10 1.19 -4.15	30.84 1.18 -5.60	29.26 1.18 -3.53	27.32 1.15 -1.75	23.50 0.91 -2.29	19.22 0.69 -2.58	16.61 0.53 -3.36
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	24.46 0.59 -1.16	21.44 0.52 -1.66	19.48 0.47 -2.39	19.49 0.45 -2.37	18.20 0.40 -3.41	20.99 0.41 -4.87	33.03 0.76 -3.11	38.83 0.85 -3.94	34.67 0.70 -4.60	28.18 0.55 -2.59	25.05 0.56 -1.07	22.52 0.36 -0.76	21.93 0.28 -0.36	20.76 0.28 -0.84	21.37 0.31 -0.59	21.68 0.32 -1.35	25.99 0.31 -1.95	29.63 0.38 -5.48	31.76 0.31 -7.40	29.51 0.34 -4.61	27.03 0.32 -2.29	23.58 0.28 -3.00	19.57 0.24 -3.38	17.30 0.19 -4.39
GOUDEY____7 23579	24.48 0.61 -1.16	21.46 0.54 -1.66	19.48 0.47 -2.39	19.51 0.47 -2.37	18.21 0.42 -3.41	21.00 0.42 -4.87	33.05 0.79 -3.11	38.87 0.89 -3.94	34.70 0.73 -4.60	28.20 0.58 -2.59	25.07 0.59 -1.07	22.55 0.39 -0.76	21.97 0.32 -0.36	20.78 0.29 -0.84	21.39 0.33 -0.59	21.70 0.34 -1.35	26.01 0.33 -1.95	29.65 0.40 -5.48	31.79 0.34 -7.40	29.54 0.37 -4.61	27.05 0.34 -2.29	23.60 0.30 -3.00	19.59 0.26 -3.38	17.30 0.19 -4.39

GOUDEY___8 23580	24.46 0.59 -1.16	21.44 0.52 -1.66	19.48 0.47 -2.39	19.49 0.45 -2.37	18.20 0.40 -3.41	20.99 0.41 -4.87	33.03 0.76 -3.11	38.83 0.85 -3.94	34.67 0.70 -4.60	28.18 0.55 -2.59	25.05 0.56 -1.07	22.52 0.36 -0.76	21.93 0.28 -0.36	20.76 0.28 -0.84	21.37 0.31 -0.59	21.68 0.32 -1.35	25.99 0.31 -1.95	29.63 0.38 -5.48	31.76 0.31 -7.40	29.51 0.34 -4.61	27.03 0.32 -2.29	23.58 0.28 -3.00	19.57 0.24 -3.38	17.30 0.19 -4.39
GOWANUS_GT1_1 24077	27.58 2.11 -2.76	24.86 1.66 -3.93	23.71 1.41 -5.67	23.70 1.40 -5.63	23.71 1.22 -8.11	28.64 1.37 -11.56	38.89 2.33 -7.40	45.96 2.55 -9.36	42.49 2.20 -10.92	33.42 2.23 -6.15	27.92 1.97 -2.54	25.04 1.84 -1.80	23.96 1.81 -0.86	23.29 1.65 -1.99	23.62 1.74 -1.40	24.93 1.72 -3.21	30.34 1.99 -4.62	38.65 1.90 -12.99	43.33 1.76 -17.52	37.74 1.92 -11.27	31.80 1.78 -5.60	29.08 1.46 -7.32	25.50 1.29 -8.25	24.53 1.08 -10.74
GOWANUS_GT1_2 24078	27.58 2.11 -2.76	24.86 1.66 -3.93	23.71 1.41 -5.67	23.70 1.40 -5.63	23.71 1.22 -8.11	28.64 1.37 -11.56	38.89 2.33 -7.40	45.96 2.55 -9.36	42.49 2.20 -10.92	33.42 2.23 -6.15	27.92 1.97 -2.54	25.04 1.84 -1.80	23.96 1.81 -0.86	23.29 1.65 -1.99	23.62 1.74 -1.40	24.93 1.72 -3.21	30.34 1.99 -4.62	38.65 1.90 -12.99	43.33 1.76 -17.52	37.74 1.92 -11.27	31.80 1.78 -5.60	29.08 1.46 -7.32	25.50 1.29 -8.25	24.53 1.08 -10.74
GOWANUS_GT1_3 24079	27.58 2.11 -2.76	24.86 1.66 -3.93	23.71 1.41 -5.67	23.70 1.40 -5.63	23.71 1.22 -8.11	28.64 1.37 -11.56	38.89 2.33 -7.40	45.96 2.55 -9.36	42.49 2.20 -10.92	33.42 2.23 -6.15	27.92 1.97 -2.54	25.04 1.84 -1.80	23.96 1.81 -0.86	23.29 1.65 -1.99	23.62 1.74 -1.40	24.93 1.72 -3.21	30.34 1.99 -4.62	38.65 1.90 -12.99	43.33 1.76 -17.52	37.74 1.92 -11.27	31.80 1.78 -5.60	29.08 1.46 -7.32	25.50 1.29 -8.25	24.53 1.08 -10.74
GOWANUS_GT1_4 24080	27.58 2.11 -2.76	24.86 1.66 -3.93	23.71 1.41 -5.67	23.70 1.40 -5.63	23.71 1.22 -8.11	28.64 1.37 -11.56	38.89 2.33 -7.40	45.96 2.55 -9.36	42.49 2.20 -10.92	33.42 2.23 -6.15	27.92 1.97 -2.54	25.04 1.84 -1.80	23.96 1.81 -0.86	23.29 1.65 -1.99	23.62 1.74 -1.40	24.93 1.72 -3.21	30.34 1.99 -4.62	38.65 1.90 -12.99	43.33 1.76 -17.52	37.74 1.92 -11.27	31.80 1.78 -5.60	29.08 1.46 -7.32	25.50 1.29 -8.25	24.53 1.08 -10.74
GOWANUS_GT1_5 24084	27.58 2.11 -2.76	24.86 1.66 -3.93	23.71 1.41 -5.67	23.70 1.40 -5.63	23.71 1.22 -8.11	28.64 1.37 -11.56	38.89 2.33 -7.40	45.96 2.55 -9.36	42.49 2.20 -10.92	33.42 2.23 -6.15	27.92 1.97 -2.54	25.04 1.84 -1.80	23.96 1.81 -0.86	23.29 1.65 -1.99	23.62 1.74 -1.40	24.93 1.72 -3.21	30.34 1.99 -4.62	38.65 1.90 -12.99	43.33 1.76 -17.52	37.74 1.92 -11.27	31.80 1.78 -5.60	29.08 1.46 -7.32	25.50 1.29 -8.25	24.53 1.08 -10.74
GOWANUS_GT1_6 24111	27.58 2.11 -2.76	24.86 1.66 -3.93	23.71 1.41 -5.67	23.70 1.40 -5.63	23.71 1.22 -8.11	28.64 1.37 -11.56	38.89 2.33 -7.40	45.96 2.55 -9.36	42.49 2.20 -10.92	33.42 2.23 -6.15	27.92 1.97 -2.54	25.04 1.84 -1.80	23.96 1.81 -0.86	23.29 1.65 -1.99	23.62 1.74 -1.40	24.93 1.72 -3.21	30.34 1.99 -4.62	38.65 1.90 -12.99	43.33 1.76 -17.52	37.74 1.92 -11.27	31.80 1.78 -5.60	29.08 1.46 -7.32	25.50 1.29 -8.25	24.53 1.08 -10.74
GOWANUS_GT1_7 24112	27.58 2.11 -2.76	24.86 1.66 -3.93	23.71 1.41 -5.67	23.70 1.40 -5.63	23.71 1.22 -8.11	28.64 1.37 -11.56	38.89 2.33 -7.40	45.96 2.55 -9.36	42.49 2.20 -10.92	33.42 2.23 -6.15	27.92 1.97 -2.54	25.04 1.84 -1.80	23.96 1.81 -0.86	23.29 1.65 -1.99	23.62 1.74 -1.40	24.93 1.72 -3.21	30.34 1.99 -4.62	38.65 1.90 -12.99	43.33 1.76 -17.52	37.74 1.92 -11.27	31.80 1.78 -5.60	29.08 1.46 -7.32	25.50 1.29 -8.25	24.53 1.08 -10.74
GOWANUS_GT1_8 24113	27.58 2.11 -2.76	24.86 1.66 -3.93	23.71 1.41 -5.67	23.70 1.40 -5.63	23.71 1.22 -8.11	28.64 1.37 -11.56	38.89 2.33 -7.40	45.96 2.55 -9.36	42.49 2.20 -10.92	33.42 2.23 -6.15	27.92 1.97 -2.54	25.04 1.84 -1.80	23.96 1.81 -0.86	23.29 1.65 -1.99	23.62 1.74 -1.40	24.93 1.72 -3.21	30.34 1.99 -4.62	38.65 1.90 -12.99	43.33 1.76 -17.52	37.74 1.92 -11.27	31.80 1.78 -5.60	29.08 1.46 -7.32	25.50 1.29 -8.25	24.53 1.08 -10.74
GOWANUS_GT2_1 24114	27.59 2.11 -2.77	24.87 1.66 -3.94	23.71 1.41 -5.67	23.71 1.40 -5.64	23.72 1.22 -8.12	28.65 1.37 -11.57	38.91 2.36 -7.40	45.95 2.55 -9.35	42.49 2.20 -10.92	33.42 2.23 -6.15	27.92 1.97 -2.54	25.04 1.84 -1.80	23.96 1.81 -0.86	23.29 1.65 -1.99	23.62 1.74 -1.40	24.94 1.72 -3.22	30.32 1.99 -4.60	38.60 1.90 -12.93	43.35 1.85 -17.44	37.71 1.89 -11.27	31.80 1.78 -5.60	29.08 1.46 -7.32	25.50 1.29 -8.26	24.55 1.09 -10.74
GOWANUS_GT2_2 24115	27.59 2.11 -2.77	24.87 1.66 -3.94	23.71 1.41 -5.67	23.71 1.40 -5.64	23.72 1.22 -8.12	28.65 1.37 -11.57	38.91 2.36 -7.40	45.95 2.55 -9.35	42.49 2.20 -10.92	33.42 2.23 -6.15	27.92 1.97 -2.54	25.04 1.84 -1.80	23.96 1.81 -0.86	23.29 1.65 -1.99	23.62 1.74 -1.40	24.94 1.72 -3.22	30.32 1.99 -4.60	38.60 1.90 -12.93	43.35 1.85 -17.44	37.71 1.89 -11.27	31.80 1.78 -5.60	29.08 1.46 -7.32	25.50 1.29 -8.26	24.55 1.09 -10.74
GOWANUS_GT2_3 24116	27.59 2.11 -2.77	24.87 1.66 -3.94	23.71 1.41 -5.67	23.71 1.40 -5.64	23.72 1.22 -8.12	28.65 1.37 -11.57	38.91 2.36 -7.40	45.95 2.55 -9.35	42.49 2.20 -10.92	33.42 2.23 -6.15	27.92 1.97 -2.54	25.04 1.84 -1.80	23.96 1.81 -0.86	23.29 1.65 -1.99	23.62 1.74 -1.40	24.94 1.72 -3.22	30.32 1.99 -4.60	38.60 1.90 -12.93	43.35 1.85 -17.44	37.71 1.89 -11.27	31.80 1.78 -5.60	29.08 1.46 -7.32	25.50 1.29 -8.26	24.55 1.09 -10.74
GOWANUS_GT2_4 24117	27.59 2.11 -2.77	24.87 1.66 -3.94	23.71 1.41 -5.67	23.71 1.40 -5.64	23.72 1.22 -8.12	28.65 1.37 -11.57	38.91 2.36 -7.40	45.95 2.55 -9.35	42.49 2.20 -10.92	33.42 2.23 -6.15	27.92 1.97 -2.54	25.04 1.84 -1.80	23.96 1.81 -0.86	23.29 1.65 -1.99	23.62 1.74 -1.40	24.94 1.72 -3.22	30.32 1.99 -4.60	38.60 1.90 -12.93	43.35 1.85 -17.44	37.71 1.89 -11.27	31.80 1.78 -5.60	29.08 1.46 -7.32	25.50 1.29 -8.26	24.55 1.09 -10.74
GOWANUS_GT2_5 24118	27.59 2.11 -2.77	24.87 1.66 -3.94	23.71 1.41 -5.67	23.71 1.40 -5.64	23.72 1.22 -8.12	28.65 1.37 -11.57	38.91 2.36 -7.40	45.95 2.55 -9.35	42.49 2.20 -10.92	33.42 2.23 -6.15	27.92 1.97 -2.54	25.04 1.84 -1.80	23.96 1.81 -0.86	23.29 1.65 -1.99	23.62 1.74 -1.40	24.94 1.72 -3.22	30.32 1.99 -4.60	38.60 1.90 -12.93	43.35 1.85 -17.44	37.71 1.89 -11.27	31.80 1.78 -5.60	29.08 1.46 -7.32	25.50 1.29 -8.26	24.55 1.09 -10.74
GOWANUS_GT2_6 24119	27.59 2.11 -2.77	24.87 1.66 -3.94	23.71 1.41 -5.67	23.71 1.40 -5.64	23.72 1.22 -8.12	28.65 1.37 -11.57	38.91 2.36 -7.40	45.95 2.55 -9.35	42.49 2.20 -10.92	33.42 2.23 -6.15	27.92 1.97 -2.54	25.04 1.84 -1.80	23.96 1.81 -0.86	23.29 1.65 -1.99	23.62 1.74 -1.40	24.94 1.72 -3.22	30.32 1.99 -4.60	38.60 1.90 -12.93	43.35 1.85 -17.44	37.71 1.89 -11.27	31.80 1.78 -5.60	29.08 1.46 -7.32	25.50 1.29 -8.26	24.55 1.09 -10.74

GOWANUS_GT2_7 24120	27.59	24.87	23.71	23.71	23.72	28.65	38.91	45.95	42.49	33.42	27.92	25.04	23.96	23.29	23.62	24.94	30.32	38.60	43.35	37.71	31.80	29.08	25.50	24.55
	2.11	1.66	1.41	1.40	1.22	1.37	2.36	2.55	2.20	2.23	1.97	1.84	1.81	1.65	1.74	1.72	1.99	1.90	1.85	1.89	1.78	1.46	1.29	1.09
	-2.77	-3.94	-5.67	-5.64	-8.12	-11.57	-7.40	-9.35	-10.92	-6.15	-2.54	-1.80	-0.86	-1.99	-1.40	-3.22	-4.60	-12.93	-17.44	-11.27	-5.60	-7.32	-8.26	-10.74
GOWANUS_GT2_8 24121	27.59	24.87	23.71	23.71	23.72	28.65	38.91	45.95	42.49	33.42	27.92	25.04	23.96	23.29	23.62	24.94	30.32	38.60	43.35	37.71	31.80	29.08	25.50	24.55
	2.11	1.66	1.41	1.40	1.22	1.37	2.36	2.55	2.20	2.23	1.97	1.84	1.81	1.65	1.74	1.72	1.99	1.90	1.85	1.89	1.78	1.46	1.29	1.09
	-2.77	-3.94	-5.67	-5.64	-8.12	-11.57	-7.40	-9.35	-10.92	-6.15	-2.54	-1.80	-0.86	-1.99	-1.40	-3.22	-4.60	-12.93	-17.44	-11.27	-5.60	-7.32	-8.26	-10.74
GOWANUS_GT3_1 24122	27.59	24.87	23.71	23.71	23.72	28.65	38.91	45.95	42.49	33.42	27.92	25.04	23.96	23.29	23.62	24.94	30.32	38.60	43.35	37.71	31.80	29.08	25.50	24.55
	2.11	1.66	1.41	1.40	1.22	1.37	2.36	2.55	2.20	2.23	1.97	1.84	1.81	1.65	1.74	1.72	1.99	1.90	1.85	1.89	1.78	1.46	1.29	1.09
	-2.77	-3.94	-5.67	-5.64	-8.12	-11.57	-7.40	-9.35	-10.92	-6.15	-2.54	-1.80	-0.86	-1.99	-1.40	-3.22	-4.60	-12.93	-17.44	-11.27	-5.60	-7.32	-8.26	-10.74
GOWANUS_GT3_2 24123	27.59	24.87	23.71	23.71	23.72	28.65	38.91	45.95	42.49	33.42	27.92	25.04	23.96	23.29	23.62	24.94	30.32	38.60	43.35	37.71	31.80	29.08	25.50	24.55
	2.11	1.66	1.41	1.40	1.22	1.37	2.36	2.55	2.20	2.23	1.97	1.84	1.81	1.65	1.74	1.72	1.99	1.90	1.85	1.89	1.78	1.46	1.29	1.09
	-2.77	-3.94	-5.67	-5.64	-8.12	-11.57	-7.40	-9.35	-10.92	-6.15	-2.54	-1.80	-0.86	-1.99	-1.40	-3.22	-4.60	-12.93	-17.44	-11.27	-5.60	-7.32	-8.26	-10.74
GOWANUS_GT3_3 24124	27.59	24.87	23.71	23.71	23.72	28.65	38.91	45.95	42.49	33.42	27.92	25.04	23.96	23.29	23.62	24.94	30.32	38.60	43.35	37.71	31.80	29.08	25.50	24.55
	2.11	1.66	1.41	1.40	1.22	1.37	2.36	2.55	2.20	2.23	1.97	1.84	1.81	1.65	1.74	1.72	1.99	1.90	1.85	1.89	1.78	1.46	1.29	1.09
	-2.77	-3.94	-5.67	-5.64	-8.12	-11.57	-7.40	-9.35	-10.92	-6.15	-2.54	-1.80	-0.86	-1.99	-1.40	-3.22	-4.60	-12.93	-17.44	-11.27	-5.60	-7.32	-8.26	-10.74
GOWANUS_GT3_4 24125	27.59	24.87	23.71	23.71	23.72	28.65	38.91	45.95	42.49	33.42	27.92	25.04	23.96	23.29	23.62	24.94	30.32	38.60	43.35	37.71	31.80	29.08	25.50	24.55
	2.11	1.66	1.41	1.40	1.22	1.37	2.36	2.55	2.20	2.23	1.97	1.84	1.81	1.65	1.74	1.72	1.99	1.90	1.85	1.89	1.78	1.46	1.29	1.09
	-2.77	-3.94	-5.67	-5.64	-8.12	-11.57	-7.40	-9.35	-10.92	-6.15	-2.54	-1.80	-0.86	-1.99	-1.40	-3.22	-4.60	-12.93	-17.44	-11.27	-5.60	-7.32	-8.26	-10.74
GOWANUS_GT3_5 24126	27.59	24.87	23.71	23.71	23.72	28.65	38.91	45.95	42.49	33.42	27.92	25.04	23.96	23.29	23.62	24.94	30.32	38.60	43.35	37.71	31.80	29.08	25.50	24.55
	2.11	1.66	1.41	1.40	1.22	1.37	2.36	2.55	2.20	2.23	1.97	1.84	1.81	1.65	1.74	1.72	1.99	1.90	1.85	1.89	1.78	1.46	1.29	1.09
	-2.77	-3.94	-5.67	-5.64	-8.12	-11.57	-7.40	-9.35	-10.92	-6.15	-2.54	-1.80	-0.86	-1.99	-1.40	-3.22	-4.60	-12.93	-17.44	-11.27	-5.60	-7.32	-8.26	-10.74
GOWANUS_GT3_6 24127	27.59	24.87	23.71	23.71	23.72	28.65	38.91	45.95	42.49	33.42	27.92	25.04	23.96	23.29	23.62	24.94	30.32	38.60	43.35	37.71	31.80	29.08	25.50	24.55
	2.11	1.66	1.41	1.40	1.22	1.37	2.36	2.55	2.20	2.23	1.97	1.84	1.81	1.65	1.74	1.72	1.99	1.90	1.85	1.89	1.78	1.46	1.29	1.09
	-2.77	-3.94	-5.67	-5.64	-8.12	-11.57	-7.40	-9.35	-10.92	-6.15	-2.54	-1.80	-0.86	-1.99	-1.40	-3.22	-4.60	-12.93	-17.44	-11.27	-5.60	-7.32	-8.26	-10.74
GOWANUS_GT3_7 24128	27.59	24.87	23.71	23.71	23.72	28.65	38.91	45.95	42.49	33.42	27.92	25.04	23.96	23.29	23.62	24.94	30.32	38.60	43.35	37.71	31.80	29.08	25.50	24.55
	2.11	1.66	1.41	1.40	1.22	1.37	2.36	2.55	2.20	2.23	1.97	1.84	1.81	1.65	1.74	1.72	1.99	1.90	1.85	1.89	1.78	1.46	1.29	1.09
	-2.77	-3.94	-5.67	-5.64	-8.12	-11.57	-7.40	-9.35	-10.92	-6.15	-2.54	-1.80	-0.86	-1.99	-1.40	-3.22	-4.60	-12.93	-17.44	-11.27	-5.60	-7.32	-8.26	-10.74
GOWANUS_GT3_8 24129	27.59	24.87	23.71	23.71	23.72	28.65	38.91	45.95	42.49	33.42	27.92	25.04	23.96	23.29	23.62	24.94	30.32	38.60	43.35	37.71	31.80	29.08	25.50	24.55
	2.11	1.66	1.41	1.40	1.22	1.37	2.36	2.55	2.20	2.23	1.97	1.84	1.81	1.65	1.74	1.72	1.99	1.90	1.85	1.89	1.78	1.46	1.29	1.09
	-2.77	-3.94	-5.67	-5.64	-8.12	-11.57	-7.40	-9.35	-10.92	-6.15	-2.54	-1.80	-0.86	-1.99	-1.40	-3.22	-4.60	-12.93	-17.44	-11.27	-5.60	-7.32	-8.26	-10.74
GOWANUS_GT4_1 24130	27.58	24.86	23.71	23.70	23.71	28.64	38.89	45.96	42.49	33.42	27.92	25.04	23.96	23.29	23.62	24.93	30.34	38.65	43.33	37.74	31.80	29.08	25.50	24.53
	2.11	1.66	1.41	1.40	1.22	1.37	2.33	2.55	2.20	2.23	1.97	1.84	1.81	1.65	1.74	1.72	1.99	1.90	1.76	1.92	1.78	1.46	1.29	1.08
	-2.76	-3.93	-5.67	-5.63	-8.11	-11.56	-7.40	-9.36	-10.92	-6.15	-2.54	-1.80	-0.86	-1.99	-1.40	-3.21	-4.62	-12.99	-17.52	-11.27	-5.60	-7.32	-8.25	-10.74
GOWANUS_GT4_2 24131	27.58	24.86	23.71	23.70	23.71	28.64	38.89	45.96	42.49	33.42	27.92	25.04	23.96	23.29	23.62	24.93	30.34	38.65	43.33	37.74	31.80	29.08	25.50	24.53
	2.11	1.66	1.41	1.40	1.22	1.37	2.33	2.55	2.20	2.23	1.97	1.84	1.81	1.65	1.74	1.72	1.99	1.90	1.76	1.92	1.78	1.46	1.29	1.08
	-2.76	-3.93	-5.67	-5.63	-8.11	-11.56	-7.40	-9.36	-10.92	-6.15	-2.54	-1.80	-0.86	-1.99	-1.40	-3.21	-4.62	-12.99	-17.52	-11.27	-5.60	-7.32	-8.25	-10.74
GOWANUS_GT4_3 24132	27.58	24.86	23.71	23.70	23.71	28.64	38.89	45.96	42.49	33.42	27.92	25.04	23.96	23.29	23.62	24.93	30.34	38.65	43.33	37.74	31.80	29.08	25.50	24.53
	2.11	1.66	1.41	1.40	1.22	1.37	2.33	2.55	2.20	2.23	1.97	1.84	1.81	1.65	1.74	1.72	1.99	1.90	1.76	1.92	1.78	1.46	1.29	1.08
	-2.76	-3.93	-5.67	-5.63	-8.11	-11.56	-7.40	-9.36	-10.92	-6.15	-2.54	-1.80	-0.86	-1.99	-1.40	-3.21	-4.62	-12.99	-17.52	-11.27	-5.60	-7.32	-8.25	-10.74
GOWANUS_GT4_4 24133	27.58	24.86	23.71	23.70	23.71	28.64	38.89	45.96	42.49	33.42	27.92	25.04	23.96	23.29	23.62	24.93	30.34	38.65	43.33	37.74	31.80	29.08	25.50	24.53
	2.11	1.66	1.41	1.40	1.22	1.37	2.33	2.55	2.20	2.23	1.97	1.84	1.81	1.65	1.74	1.72	1.99	1.90	1.76	1.92	1.78	1.46	1.29	1.08
	-2.76	-3.93	-5.67	-5.63	-8.11	-11.56	-7.40	-9.36	-10.92	-6.15	-2.54	-1.80	-0.86	-1.99	-1.40	-3.21	-4.62	-12.99	-17.52	-11.27	-5.60	-7.32	-8.25	-10.74
GOWANUS_GT4_5 24134	27.58	24.86	23.71	23.70	23.71	28.64	38.89	45.96	42.49	33.42	27.92	25.04	23.96	23.29	23.62	24.93	30.34	38.65	43.33	37.74	31.80	29.08	25.50	24.53
	2.11	1.66	1.41	1.40	1.22	1.37	2.33	2.55	2.20	2.23	1.97	1.84	1.81	1.65	1.74	1.72	1.99	1.90	1.76	1.92	1.78	1.46	1.29	1.08
	-2.76	-3.93	-5.67	-5.63	-8.11	-11.56	-7.40	-9.36	-10.92	-6.15	-2.54	-1.80	-0.86	-1.99	-1.40	-3.21	-4.62	-12.99	-17.52	-11.27	-5.60	-7.32	-8.25	-10.74

GOWANUS_GT4_6 24135	27.58 2.11 -2.76	24.86 1.66 -3.93	23.71 1.41 -5.67	23.70 1.40 -5.63	23.71 1.22 -8.11	28.64 1.37 -11.56	38.89 2.33 -7.40	45.96 2.55 -9.36	42.49 2.20 -10.92	33.42 2.23 -6.15	27.92 1.97 -2.54	25.04 1.84 -1.80	23.96 1.81 -0.86	23.29 1.65 -1.99	23.62 1.74 -1.40	24.93 1.72 -3.21	30.34 1.99 -4.62	38.65 1.90 -12.99	43.33 1.76 -17.52	37.74 1.92 -11.27	31.80 1.78 -5.60	29.08 1.46 -7.32	25.50 1.29 -8.25	24.53 1.08 -10.74
GOWANUS_GT4_7 24136	27.58 2.11 -2.76	24.86 1.66 -3.93	23.71 1.41 -5.67	23.70 1.40 -5.63	23.71 1.22 -8.11	28.64 1.37 -11.56	38.89 2.33 -7.40	45.96 2.55 -9.36	42.49 2.20 -10.92	33.42 2.23 -6.15	27.92 1.97 -2.54	25.04 1.84 -1.80	23.96 1.81 -0.86	23.29 1.65 -1.99	23.62 1.74 -1.40	24.93 1.72 -3.21	30.34 1.99 -4.62	38.65 1.90 -12.99	43.33 1.76 -17.52	37.74 1.92 -11.27	31.80 1.78 -5.60	29.08 1.46 -7.32	25.50 1.29 -8.25	24.53 1.08 -10.74
GOWANUS_GT4_8 24137	27.58 2.11 -2.76	24.86 1.66 -3.93	23.71 1.41 -5.67	23.70 1.40 -5.63	23.71 1.22 -8.11	28.64 1.37 -11.56	38.89 2.33 -7.40	45.96 2.55 -9.36	42.49 2.20 -10.92	33.42 2.23 -6.15	27.92 1.97 -2.54	25.04 1.84 -1.80	23.96 1.81 -0.86	23.29 1.65 -1.99	23.62 1.74 -1.40	24.93 1.72 -3.21	30.34 1.99 -4.62	38.65 1.90 -12.99	43.33 1.76 -17.52	37.74 1.92 -11.27	31.80 1.78 -5.60	29.08 1.46 -7.32	25.50 1.29 -8.25	24.53 1.08 -10.74
GREENBSH_115KV_TB3 55895	26.60 0.50 -3.39	24.64 0.54 -4.83	24.09 0.50 -6.96	24.09 0.50 -6.92	24.75 0.40 -9.97	30.26 0.35 -14.20	38.97 0.73 -9.09	46.50 0.95 -11.50	43.61 0.82 -13.42	33.25 0.65 -7.56	27.12 0.59 -3.12	24.19 0.58 -2.21	22.92 0.57 -1.05	22.63 0.53 -2.44	22.75 0.55 -1.72	24.48 0.54 -3.94	29.96 0.59 -5.64	40.25 0.62 -15.87	46.08 0.63 -21.40	38.98 0.64 -13.79	31.90 0.63 -6.85	29.76 0.51 -8.96	26.43 0.38 -10.10	26.15 0.31 -13.13
GREENDGE_115KV_TB5 80291	24.12 0.57 -0.85	21.02 0.54 -1.21	18.87 0.50 -1.74	18.90 0.50 -1.73	17.32 0.45 -2.49	19.70 0.44 -3.55	32.24 0.82 -2.27	37.88 0.95 -2.88	33.52 0.79 -3.37	27.51 0.58 -1.90	24.83 0.63 -0.78	22.28 0.32 -0.55	21.75 0.19 -0.26	20.44 0.18 -0.61	21.13 0.23 -0.43	21.33 0.34 -0.99	25.41 0.26 -1.42	28.11 0.36 -4.00	29.73 0.29 -5.39	28.22 0.32 -3.34	26.30 0.22 -1.66	22.69 0.22 -2.17	18.58 0.18 -2.45	16.03 0.13 -3.18
GREENIDGE___3 23582	24.12 0.57 -0.85	21.02 0.54 -1.21	18.87 0.50 -1.74	18.90 0.50 -1.73	17.32 0.45 -2.49	19.70 0.44 -3.55	32.24 0.82 -2.27	37.88 0.95 -2.88	33.52 0.79 -3.37	27.51 0.58 -1.90	24.83 0.63 -0.78	22.28 0.32 -0.55	21.75 0.19 -0.26	20.44 0.18 -0.61	21.13 0.23 -0.43	21.33 0.34 -0.99	25.41 0.26 -1.42	28.11 0.36 -4.00	29.73 0.29 -5.39	28.22 0.32 -3.34	26.30 0.22 -1.66	22.69 0.22 -2.17	18.58 0.18 -2.45	16.03 0.13 -3.18
GREENIDGE___4 23583	24.12 0.57 -0.85	21.02 0.54 -1.21	18.85 0.48 -1.74	18.90 0.50 -1.73	17.32 0.45 -2.49	19.70 0.44 -3.55	32.24 0.82 -2.27	37.88 0.95 -2.88	33.52 0.79 -3.37	27.51 0.58 -1.90	24.80 0.61 -0.78	22.28 0.32 -0.55	21.75 0.19 -0.26	20.44 0.18 -0.61	21.13 0.23 -0.43	21.33 0.34 -0.99	25.38 0.29 -1.36	27.95 0.36 -3.84	29.66 0.43 -5.17	28.15 0.27 -3.32	26.29 0.22 -1.65	22.68 0.22 -2.16	18.56 0.18 -2.43	15.99 0.11 -3.17
GREENLWN_69_KV_BK 3 55738	27.88 2.41 -2.76	25.67 2.00 -4.40	24.40 1.71 -6.06	23.98 1.68 -5.63	25.90 1.50 -10.03	35.33 1.67 -17.95	42.84 3.15 -10.54	52.82 3.68 -15.10	44.97 3.14 -12.46	35.24 2.85 -7.34	33.34 2.60 -7.32	28.67 2.38 -4.90	24.99 2.36 -1.34	26.39 2.18 -4.55	27.51 2.27 -4.76	30.73 2.22 -8.50	36.02 2.56 -9.73	42.19 2.49 -15.93	48.23 2.45 -21.72	45.98 2.53 -18.89	37.84 2.56 -10.86	36.04 2.01 -13.73	33.78 1.60 -16.23	30.48 1.31 -16.46
GREENWD_138_KV_38B11_REV_LBMP_J 345004	27.58 2.11 -2.76	24.86 1.66 -3.93	23.71 1.41 -5.67	23.70 1.40 -5.63	23.71 1.22 -8.11	28.64 1.37 -11.56	38.89 2.33 -7.40	45.96 2.55 -9.36	42.49 2.20 -10.92	33.42 2.23 -6.15	27.92 1.97 -2.54	25.04 1.84 -1.80	23.96 1.81 -0.86	23.29 1.65 -1.99	23.62 1.74 -1.40	24.93 1.72 -3.21	30.34 1.99 -4.62	38.65 1.90 -12.99	43.33 1.76 -17.52	37.74 1.92 -11.27	31.80 1.78 -5.60	29.08 1.46 -7.32	25.50 1.29 -8.25	24.53 1.08 -10.74
GRISSOM___SOLAR 323813	28.39 1.59 -4.09	26.53 1.43 -5.83	26.21 1.18 -8.40	26.27 1.25 -8.35	27.50 1.09 -12.03	34.06 1.21 -17.14	43.01 2.89 -10.97	51.35 3.44 -13.88	48.58 3.03 -16.19	36.04 1.88 -9.12	28.72 1.54 -3.76	25.22 1.15 -2.66	23.62 1.06 -1.27	23.58 0.98 -2.95	23.58 1.02 -2.08	25.87 1.12 -4.75	32.18 1.66 -6.79	45.02 2.16 -19.10	51.83 2.02 -25.76	43.38 2.18 -16.64	34.71 2.03 -8.27	32.87 1.76 -10.81	29.38 1.25 -12.18	29.45 0.89 -15.85
GROVEVILLE___HYD 323602	27.19 1.75 -2.74	24.58 1.41 -3.90	23.43 1.18 -5.62	23.42 1.17 -5.59	23.45 1.02 -8.05	28.32 1.13 -11.47	38.74 2.24 -7.34	45.95 2.62 -9.29	42.47 2.26 -10.84	33.12 1.98 -6.10	27.60 1.66 -2.52	24.62 1.43 -1.78	23.52 1.38 -0.85	22.94 1.32 -1.97	23.22 1.35 -1.39	24.55 1.36 -3.19	29.88 1.57 -4.58	38.29 1.64 -12.89	43.12 1.68 -17.38	37.44 1.72 -11.17	31.70 1.73 -5.55	28.89 1.34 -7.25	25.15 1.02 -8.18	24.20 0.85 -10.63
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	23.68 0.36 -0.60	20.46 0.33 -0.86	18.17 0.30 -1.24	18.20 0.30 -1.23	16.43 0.27 -1.78	18.53 0.28 -2.53	31.30 0.52 -1.62	36.74 0.65 -2.05	32.32 0.56 -2.40	26.81 0.43 -1.35	24.39 0.42 -0.56	22.05 0.26 -0.39	21.69 0.21 -0.19	20.26 0.18 -0.44	21.01 0.23 -0.31	21.33 0.62 -0.70	24.85 0.12 -1.01	26.76 0.17 -2.83	27.99 0.12 -3.81	27.00 0.15 -2.30	25.66 0.10 -1.14	21.93 0.14 -1.49	17.73 0.10 -1.68	14.97 0.06 -2.19
HAMLTNNY_34_KV_TB 80303	23.82 0.48 -0.63	20.60 0.42 -0.90	18.31 0.38 -1.30	18.35 0.38 -1.29	16.59 0.35 -1.86	18.76 0.39 -2.66	31.52 0.67 -1.70	36.98 0.78 -2.15	32.58 0.70 -2.51	27.05 0.60 -1.41	24.61 0.61 -0.58	22.22 0.41 -0.41	21.83 0.34 -0.20	20.40 0.29 -0.46	21.17 0.37 -0.32	21.52 0.78 -0.74	24.98 0.21 -1.04	26.89 0.21 -2.91	28.18 0.19 -3.93	27.10 0.17 -2.37	25.77 0.17 -1.18	22.00 0.16 -1.54	17.80 0.11 -1.74	15.05 0.08 -2.26
HAMPSHIRE___PAPER_HYD 323593	22.65 -0.20 -0.15	19.33 -0.15 -0.22	16.77 -0.17 -0.31	16.84 -0.13 -0.31	10.29 -0.16 3.93	13.85 -0.16 1.71	19.72 -0.09 9.34	23.11 -0.07 10.86	20.12 -0.03 9.21	16.80 -0.20 8.04	22.84 -0.28 0.30	21.22 -0.28 -0.10	21.04 -0.30 -0.05	15.04 -0.29 4.32	17.51 -0.35 2.61	18.33 -0.28 1.39	17.58 -0.36 5.79	18.19 -0.21 5.36	18.08 -0.17 5.81	16.77 -0.20 7.59	16.25 -0.27 7.90	12.59 -0.22 7.48	10.20 -0.22 5.53	8.86 -0.20 3.66
HARDSCRABBLE_WT_PWR 323673	23.41 0.63 -0.06	19.90 0.54 -0.09	17.22 0.46 -0.13	17.28 0.48 -0.13	15.45 0.40 -0.67	16.58 0.35 -0.53	31.26 0.87 -1.24	36.49 0.99 -1.46	31.48 0.79 -1.33	26.60 0.50 -1.06	24.01 0.49 -0.11	21.87 0.43 -0.04	21.69 0.38 -0.02	20.49 0.31 -0.53	21.09 0.29 -0.33	20.51 0.26 -0.25	24.87 0.38 -0.76	25.21 0.50 -0.95	25.54 0.36 -1.13	26.14 0.39 -1.19	25.68 0.22 -1.04	21.70 0.30 -1.10	17.14 0.21 -0.97	13.73 0.16 -0.85

HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	26.80 1.61 -2.48	24.09 1.29 -3.53	22.80 1.08 -5.09	22.79 1.07 -5.06	22.60 0.93 -7.29	27.12 1.02 -10.39	37.87 2.07 -6.65	44.90 2.45 -8.41	41.26 2.08 -9.81	32.37 1.80 -5.53	27.24 1.55 -2.28	24.39 1.37 -1.61	23.38 1.32 -0.77	22.70 1.26 -1.79	23.02 1.29 -1.26	24.18 1.30 -2.88	29.34 1.47 -4.14	36.96 1.54 -11.65	41.31 1.54 -15.71	36.25 1.60 -10.10	30.97 1.54 -5.02	28.10 1.24 -6.56	24.32 0.97 -7.39	23.13 0.80 -9.62
HARSNRAD_115KV_TB1 81005	23.18 -0.25 -0.72	20.20 -0.10 -1.02	18.09 -0.02 -1.48	18.09 -0.05 -1.47	16.44 -0.06 -2.11	18.60 -0.13 -3.01	30.24 -0.85 -1.93	35.08 -1.40 -2.43	31.12 -1.09 -2.84	25.89 -0.75 -1.60	23.61 -0.47 -0.66	21.21 -0.66 -0.47	20.70 -0.81 -0.22	19.54 -0.63 -0.52	20.12 -0.72 -0.36	20.12 -0.72 -0.83	23.98 -0.95 -1.20	26.16 -0.97 -3.37	27.45 -1.15 -4.54	26.24 -1.15 -2.84	24.80 -1.03 -1.41	21.35 -0.79 -1.85	17.56 -0.48 -2.08	15.10 -0.32 -2.71
HARZA MOOSE__RIVER 24016	23.30 0.41 -0.18	19.89 0.37 -0.26	17.32 0.32 -0.37	17.39 0.35 -0.37	14.33 0.29 0.34	16.29 0.28 -0.29	28.51 0.82 1.46	33.40 1.02 1.66	29.03 0.91 1.24	24.27 0.50 1.27	23.87 0.37 -0.08	21.82 0.30 -0.12	21.56 0.21 -0.06	19.09 0.20 0.75	20.19 0.16 0.45	20.11 0.22 0.11	23.10 0.26 0.89	23.92 0.48 0.32	24.39 0.48 0.15	24.09 0.47 0.93	23.45 0.32 1.29	19.55 0.32 1.08	15.56 0.19 0.59	12.76 0.13 0.08
HDSNBRDG_115KV_BRDG_TB1 355580	23.44 0.16 -0.57	20.24 0.15 -0.81	17.95 0.15 -1.17	17.98 0.15 -1.16	16.19 0.13 -1.68	18.24 0.14 -2.39	30.92 0.23 -1.53	36.25 0.27 -1.94	31.86 0.23 -2.26	26.49 0.18 -1.27	24.15 0.21 -0.52	21.86 0.09 -0.37	21.49 0.02 -0.18	20.08 0.02 -0.41	20.81 0.04 -0.29	20.79 0.12 -0.66	24.67 -0.02 -0.97	26.48 0.00 -2.72	27.69 -0.02 -3.66	26.76 0.00 -2.21	25.46 -0.05 -1.10	21.75 0.02 -1.43	17.57 0.00 -1.62	14.80 -0.01 -2.10
HELLGATE_13_KV_LD 55870	27.42 1.95 -2.76	24.76 1.56 -3.93	23.62 1.33 -5.67	23.62 1.32 -5.63	23.64 1.15 -8.11	28.56 1.29 -11.56	38.80 2.24 -7.40	45.89 2.49 -9.36	42.40 2.11 -10.92	33.34 2.15 -6.15	27.87 1.92 -2.54	25.00 1.80 -1.80	23.94 1.79 -0.86	23.27 1.63 -1.99	23.58 1.70 -1.40	24.89 1.68 -3.21	30.24 1.90 -4.62	38.56 1.81 -12.99	43.21 1.64 -17.52	37.62 1.79 -11.27	31.75 1.73 -5.60	29.00 1.38 -7.32	25.45 1.24 -8.25	24.49 1.04 -10.74
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	27.42 1.95 -2.76	24.76 1.56 -3.93	23.62 1.33 -5.67	23.62 1.32 -5.63	23.64 1.15 -8.11	28.56 1.29 -11.56	38.80 2.24 -7.40	45.89 2.49 -9.36	42.40 2.11 -10.92	33.34 2.15 -6.15	27.87 1.92 -2.54	25.00 1.80 -1.80	23.94 1.79 -0.86	23.27 1.63 -1.99	23.58 1.70 -1.40	24.89 1.68 -3.21	30.24 1.90 -4.62	38.56 1.81 -12.99	43.21 1.64 -17.52	37.62 1.79 -11.27	31.75 1.73 -5.60	29.00 1.38 -7.32	25.45 1.24 -8.25	24.49 1.04 -10.74
HEMPSTEAD____ 23647	27.58 2.11 -2.76	25.41 1.73 -4.41	24.18 1.50 -6.06	23.75 1.45 -5.63	25.69 1.28 -10.03	35.15 1.48 -17.96	42.50 2.80 -10.55	52.45 3.30 -15.11	44.62 2.79 -12.47	34.94 2.56 -7.35	33.06 2.32 -7.33	28.42 2.12 -4.90	24.72 2.09 -1.34	26.14 1.93 -4.56	27.25 2.01 -4.76	30.50 1.98 -8.52	35.72 2.28 -9.71	41.85 2.21 -15.88	47.96 2.26 -21.65	45.68 2.23 -18.89	37.57 2.29 -10.86	35.79 1.76 -13.73	33.59 1.40 -16.23	30.34 1.17 -16.46
HEWLETT__69_KV_BK3 55828	27.71 2.25 -2.76	25.52 1.85 -4.40	24.26 1.58 -6.05	23.85 1.55 -5.63	25.77 1.37 -10.02	35.20 1.54 -17.95	42.63 2.94 -10.54	52.61 3.47 -15.10	44.73 2.91 -12.46	35.01 2.63 -7.34	33.10 2.36 -7.32	28.48 2.18 -4.89	24.76 2.13 -1.34	26.18 1.98 -4.55	27.30 2.07 -4.75	30.54 2.04 -8.50	35.76 2.30 -9.72	41.97 2.28 -15.93	48.01 2.24 -21.71	45.80 2.36 -18.89	37.62 2.34 -10.86	35.89 1.87 -13.72	33.66 1.48 -16.22	30.39 1.22 -16.45
HICKLING____1 23621	24.31 0.61 -0.99	21.26 0.58 -1.41	19.17 0.52 -2.03	19.19 0.50 -2.02	17.75 0.46 -2.91	20.35 0.49 -4.15	32.57 0.76 -2.65	38.22 0.82 -3.36	33.94 0.65 -3.93	27.80 0.55 -2.21	24.96 0.63 -0.91	22.39 0.34 -0.65	21.81 0.21 -0.31	20.58 0.22 -0.71	21.23 0.25 -0.50	21.42 0.26 -1.15	25.68 0.28 -1.66	28.70 0.26 -4.67	30.60 0.24 -6.30	28.68 0.20 -3.92	26.61 0.24 -1.95	23.01 0.16 -2.55	18.99 0.16 -2.87	16.58 0.13 -3.74
HICKLING____2 23622	24.31 0.61 -0.99	21.26 0.58 -1.41	19.17 0.52 -2.03	19.19 0.50 -2.02	17.75 0.46 -2.91	20.35 0.49 -4.15	32.57 0.76 -2.65	38.22 0.82 -3.36	33.94 0.65 -3.93	27.80 0.55 -2.21	24.96 0.63 -0.91	22.39 0.34 -0.65	21.81 0.21 -0.31	20.58 0.22 -0.71	21.23 0.25 -0.50	21.42 0.26 -1.15	25.68 0.28 -1.66	28.70 0.26 -4.67	30.60 0.24 -6.30	28.68 0.20 -3.92	26.61 0.24 -1.95	23.01 0.16 -2.55	18.99 0.16 -2.87	16.58 0.13 -3.74
HIGH FALLS____HY 23754	27.14 1.75 -2.69	24.45 1.35 -3.83	23.26 1.11 -5.52	23.25 1.10 -5.49	23.26 0.98 -7.90	28.01 1.04 -11.26	38.58 2.22 -7.21	45.78 2.62 -9.12	42.23 2.23 -10.64	32.86 1.83 -5.99	27.41 1.52 -2.47	24.48 1.33 -1.75	23.38 1.26 -0.83	22.79 1.20 -1.94	23.07 1.23 -1.36	24.37 1.24 -3.13	29.64 1.42 -4.49	37.97 1.57 -12.64	42.64 1.54 -17.04	37.20 1.67 -10.98	31.43 1.56 -5.46	28.73 1.30 -7.13	24.98 0.99 -8.04	24.01 0.84 -10.45
HILLBURN____GT 23639	26.83 1.61 -2.51	24.13 1.29 -3.57	22.87 1.10 -5.15	22.87 1.08 -5.12	22.70 0.95 -7.37	27.22 1.01 -10.50	37.97 2.10 -6.72	45.06 2.52 -8.50	41.40 2.12 -9.92	32.48 1.85 -5.59	27.36 1.64 -2.31	24.51 1.48 -1.63	23.52 1.45 -0.78	22.81 1.35 -1.81	23.16 1.41 -1.27	24.32 1.40 -2.91	29.48 1.59 -4.16	37.08 1.62 -11.70	41.47 1.64 -15.78	36.41 1.62 -10.23	31.04 1.54 -5.09	28.22 1.28 -6.65	24.45 1.01 -7.49	23.31 0.85 -9.74
HILLSIDE_115KV_TB1 80332	24.06 0.34 -1.01	21.04 0.33 -1.44	19.02 0.32 -2.08	19.04 0.30 -2.07	17.63 0.27 -2.98	20.21 0.25 -4.25	32.25 0.38 -2.72	37.86 0.37 -3.44	33.65 0.26 -4.02	27.48 0.18 -2.26	24.63 0.28 -0.93	22.11 0.04 -0.66	21.56 -0.04 -0.31	20.36 -0.02 -0.73	20.97 -0.02 -0.51	21.18 0.00 -1.18	25.38 -0.05 -1.70	28.55 0.00 -4.78	30.44 -0.07 -6.45	28.50 -0.07 -4.02	26.34 -0.07 -2.00	22.84 -0.06 -2.61	18.89 0.00 -2.94	16.54 0.00 -3.82
HISHELDN_WT_PWR 323625	23.39 -0.11 -0.79	20.40 0.00 -1.13	18.29 0.03 -1.63	18.30 0.02 -1.62	16.71 0.00 -2.33	19.00 -0.03 -3.32	30.72 -0.55 -2.12	35.64 -1.09 -2.69	31.65 -0.85 -3.13	26.25 -0.55 -1.76	23.84 -0.31 -0.73	21.43 -0.49 -0.52	20.88 -0.66 -0.25	19.71 -0.51 -0.57	20.28 -0.59 -0.40	20.37 -0.56 -0.92	24.30 -0.71 -1.28	26.60 -0.76 -3.60	28.26 -0.65 -4.85	26.64 -1.03 -3.12	25.16 -0.81 -1.55	21.65 -0.67 -2.02	17.82 -0.41 -2.28	15.37 -0.32 -2.97
HOLTSVILLE_IC_1 23690	28.72 3.25 -2.76	26.57 2.89 -4.41	25.15 2.46 -6.06	24.70 2.40 -5.63	26.54 2.13 -10.03	35.97 2.29 -17.96	44.55 4.84 -10.55	54.57 5.41 -15.11	46.65 4.82 -12.47	36.29 3.90 -7.35	34.33 3.58 -7.33	29.79 3.49 -4.90	25.98 3.34 -1.35	27.38 3.16 -4.56	28.58 3.34 -4.76	31.70 3.18 -8.52	37.22 3.77 -9.72	43.38 3.73 -15.89	49.41 3.70 -21.65	47.14 3.68 -18.90	39.02 3.74 -10.87	36.91 2.88 -13.73	34.61 2.42 -16.23	31.09 1.92 -16.46

HOLTSVILLE_IC_10 23699	28.76 3.29 -2.76	26.60 2.93 -4.41	25.18 2.49 -6.06	24.73 2.43 -5.63	26.57 2.16 -10.03	36.04 2.37 -17.96	44.63 4.93 -10.55	54.67 5.51 -15.11	46.74 4.90 -12.47	36.42 4.03 -7.35	34.44 3.70 -7.33	29.88 3.57 -4.90	26.09 3.45 -1.35	27.45 3.24 -4.56	28.68 3.44 -4.77	31.80 3.28 -8.52	37.34 3.89 -9.72	43.47 3.83 -15.89	49.53 3.83 -21.65	47.24 3.78 -18.90	39.14 3.86 -10.87	36.97 2.94 -13.73	34.66 2.47 -16.23	31.13 1.96 -16.46
HOLTSVILLE_IC_2 23691	28.72 3.25 -2.76	26.57 2.89 -4.41	25.15 2.46 -6.06	24.70 2.40 -5.63	26.54 2.13 -10.03	35.97 2.29 -17.96	44.55 4.84 -10.55	54.57 5.41 -15.11	46.65 4.82 -12.47	36.29 3.90 -7.35	34.33 3.58 -7.33	29.79 3.49 -4.90	25.98 3.34 -1.35	27.38 3.16 -4.56	28.58 3.34 -4.76	31.70 3.18 -8.52	37.22 3.77 -9.72	43.38 3.73 -15.89	49.41 3.70 -21.65	47.14 3.68 -18.90	39.02 3.74 -10.87	36.91 2.88 -13.73	34.61 2.42 -16.23	31.09 1.92 -16.46
HOLTSVILLE_IC_3 23692	28.72 3.25 -2.76	26.57 2.89 -4.41	25.15 2.46 -6.06	24.70 2.40 -5.63	26.54 2.13 -10.03	35.97 2.29 -17.96	44.55 4.84 -10.55	54.57 5.41 -15.11	46.65 4.82 -12.47	36.29 3.90 -7.35	34.33 3.58 -7.33	29.79 3.49 -4.90	25.98 3.34 -1.35	27.38 3.16 -4.56	28.58 3.34 -4.76	31.70 3.18 -8.52	37.22 3.77 -9.72	43.38 3.73 -15.89	49.41 3.70 -21.65	47.14 3.68 -18.90	39.02 3.74 -10.87	36.91 2.88 -13.73	34.61 2.42 -16.23	31.09 1.92 -16.46
HOLTSVILLE_IC_4 23693	28.72 3.25 -2.76	26.57 2.89 -4.41	25.15 2.46 -6.06	24.70 2.40 -5.63	26.54 2.13 -10.03	35.97 2.29 -17.96	44.55 4.84 -10.55	54.57 5.41 -15.11	46.65 4.82 -12.47	36.29 3.90 -7.35	34.33 3.58 -7.33	29.79 3.49 -4.90	25.98 3.34 -1.35	27.38 3.16 -4.56	28.58 3.34 -4.76	31.70 3.18 -8.52	37.22 3.77 -9.72	43.38 3.73 -15.89	49.41 3.70 -21.65	47.14 3.68 -18.90	39.02 3.74 -10.87	36.91 2.88 -13.73	34.61 2.42 -16.23	31.09 1.92 -16.46
HOLTSVILLE_IC_5 23694	28.72 3.25 -2.76	26.57 2.89 -4.41	25.15 2.46 -6.06	24.70 2.40 -5.63	26.54 2.13 -10.03	35.97 2.29 -17.96	44.55 4.84 -10.55	54.57 5.41 -15.11	46.65 4.82 -12.47	36.29 3.90 -7.35	34.33 3.58 -7.33	29.79 3.49 -4.90	25.98 3.34 -1.35	27.38 3.16 -4.56	28.58 3.34 -4.76	31.70 3.18 -8.52	37.22 3.77 -9.72	43.38 3.73 -15.89	49.41 3.70 -21.65	47.14 3.68 -18.90	39.02 3.74 -10.87	36.91 2.88 -13.73	34.61 2.42 -16.23	31.09 1.92 -16.46
HOLTSVILLE_IC_6 23695	28.76 3.29 -2.76	26.60 2.93 -4.41	25.18 2.49 -6.06	24.73 2.43 -5.63	26.57 2.16 -10.03	36.04 2.37 -17.96	44.63 4.93 -10.55	54.67 5.51 -15.11	46.74 4.90 -12.47	36.42 4.03 -7.35	34.44 3.70 -7.33	29.88 3.57 -4.90	26.09 3.45 -1.35	27.45 3.24 -4.56	28.68 3.44 -4.77	31.80 3.28 -8.52	37.34 3.89 -9.72	43.47 3.83 -15.89	49.53 3.83 -21.65	47.24 3.78 -18.90	39.14 3.86 -10.87	36.97 2.94 -13.73	34.66 2.47 -16.23	31.13 1.96 -16.46
HOLTSVILLE_IC_7 23696	28.76 3.29 -2.76	26.60 2.93 -4.41	25.18 2.49 -6.06	24.73 2.43 -5.63	26.57 2.16 -10.03	36.04 2.37 -17.96	44.63 4.93 -10.55	54.67 5.51 -15.11	46.74 4.90 -12.47	36.42 4.03 -7.35	34.44 3.70 -7.33	29.88 3.57 -4.90	26.09 3.45 -1.35	27.45 3.24 -4.56	28.68 3.44 -4.77	31.80 3.28 -8.52	37.34 3.89 -9.72	43.47 3.83 -15.89	49.53 3.83 -21.65	47.24 3.78 -18.90	39.14 3.86 -10.87	36.97 2.94 -13.73	34.66 2.47 -16.23	31.13 1.96 -16.46
HOLTSVILLE_IC_8 23697	28.76 3.29 -2.76	26.60 2.93 -4.41	25.18 2.49 -6.06	24.73 2.43 -5.63	26.57 2.16 -10.03	36.04 2.37 -17.96	44.63 4.93 -10.55	54.67 5.51 -15.11	46.74 4.90 -12.47	36.42 4.03 -7.35	34.44 3.70 -7.33	29.88 3.57 -4.90	26.09 3.45 -1.35	27.45 3.24 -4.56	28.68 3.44 -4.77	31.80 3.28 -8.52	37.34 3.89 -9.72	43.47 3.83 -15.89	49.53 3.83 -21.65	47.24 3.78 -18.90	39.14 3.86 -10.87	36.97 2.94 -13.73	34.66 2.47 -16.23	31.13 1.96 -16.46
HOLTSVILLE_IC_9 23698	28.76 3.29 -2.76	26.60 2.93 -4.41	25.18 2.49 -6.06	24.73 2.43 -5.63	26.57 2.16 -10.03	36.04 2.37 -17.96	44.63 4.93 -10.55	54.67 5.51 -15.11	46.74 4.90 -12.47	36.42 4.03 -7.35	34.44 3.70 -7.33	29.88 3.57 -4.90	26.09 3.45 -1.35	27.45 3.24 -4.56	28.68 3.44 -4.77	31.80 3.28 -8.52	37.34 3.89 -9.72	43.47 3.83 -15.89	49.53 3.83 -21.65	47.24 3.78 -18.90	39.14 3.86 -10.87	36.97 2.94 -13.73	34.66 2.47 -16.23	31.13 1.96 -16.46
HOMER_HL_115KV_TB2 355744	23.15 -0.36 -0.80	20.18 -0.23 -1.15	18.14 -0.13 -1.65	18.11 -0.20 -1.64	16.57 -0.17 -2.36	18.92 -0.16 -3.37	30.81 -0.50 -2.16	36.11 -0.61 -2.69	31.88 -0.62 -3.13	26.20 -0.60 -1.76	23.81 -0.33 -0.73	21.32 -0.60 -0.52	20.81 -0.72 -0.25	19.63 -0.59 -0.57	20.20 -0.68 -0.40	20.30 -0.62 -0.92	24.20 -0.85 -1.32	26.70 -0.78 -3.72	28.16 -0.91 -5.02	26.76 -0.93 -3.14	25.15 -0.83 -1.56	21.65 -0.69 -2.04	17.81 -0.45 -2.30	15.36 -0.34 -2.99
HOWARD_WT_PWR 323690	23.99 0.41 -0.87	20.94 0.42 -1.25	18.80 0.38 -1.80	18.84 0.38 -1.78	17.30 0.34 -2.57	19.67 0.30 -3.66	31.70 0.21 -2.35	37.06 0.00 -3.02	32.92 0.03 -3.53	27.12 0.10 -1.99	24.49 0.26 -0.82	21.94 -0.04 -0.58	21.35 -0.21 -0.28	20.12 -0.18 -0.64	20.74 -0.18 -0.45	20.90 -0.14 -1.04	25.00 -0.16 -1.43	27.56 -0.24 -4.04	29.40 -0.10 -5.44	27.64 -0.42 -3.50	25.84 -0.32 -1.74	22.27 -0.30 -2.27	18.33 -0.19 -2.56	15.88 -0.17 -3.33
HQ_GEN_CEDARS 23644	22.25 -0.45 0.00	18.90 -0.37 0.00	16.26 -0.37 0.00	16.32 -0.35 0.00	6.21 -0.33 7.84	11.15 -0.36 4.20	11.06 -0.61 17.48	12.97 -0.68 20.39	11.19 -0.59 17.59	9.50 -0.53 15.02	22.10 -0.54 0.78	20.95 -0.45 0.00	20.89 -0.40 0.00	11.32 -0.39 7.94	15.22 -0.43 4.83	16.75 -0.44 2.81	12.40 -0.50 10.83	12.45 -0.45 10.86	11.54 -0.41 12.10	9.38 -0.42 14.76	9.24 -0.44 14.73	5.24 -0.35 14.71	3.64 -0.27 12.04	3.53 -0.23 8.96
HQ_GEN_CEDARS_PROXY 323590	22.25 -0.45 0.00	18.90 -0.37 0.00	16.26 -0.37 0.00	16.32 -0.35 0.00	6.21 -0.33 7.84	11.15 -0.36 4.20	11.06 -0.61 17.48	12.97 -0.68 20.39	11.46 -0.59 17.31	9.22 -0.53 15.29	22.10 -0.54 0.78	20.95 -0.45 0.00	20.89 -0.41 0.00	11.32 -0.39 7.94	15.22 -0.43 4.83	16.75 -0.44 2.81	12.40 -0.50 10.83	12.45 -0.45 10.86	11.49 -0.46 12.10	9.41 -0.39 14.76	9.24 -0.44 14.73	5.24 -0.35 14.71	3.64 -0.27 12.04	3.53 -0.23 8.96
HQ_GEN_IMPORT 323601	22.30 -0.41 0.00	18.92 -0.35 0.00	16.31 -0.32 0.00	16.35 -0.32 0.00	12.43 -0.27 1.68	14.52 -0.30 0.90	24.86 -0.55 3.74	29.04 -0.65 4.36	25.32 -0.56 3.48	21.10 -0.45 3.49	22.80 -0.45 0.17	21.06 -0.34 0.00	20.99 -0.30 0.00	17.68 -0.28 1.70	19.16 -0.29 1.03	19.10 -0.30 0.60	21.06 -0.36 2.31	21.06 -0.38 2.32	21.06 -0.41 2.59	21.06 -0.34 3.15	20.93 -0.34 3.15	16.83 -0.28 3.18	13.07 -0.22 2.66	10.54 -0.18 2.00
HQ_GEN_WHEEL 23651	22.30 -0.41 0.00	18.92 -0.35 0.00	16.31 -0.32 0.00	16.35 -0.32 0.00	12.43 -0.27 1.68	14.52 -0.30 0.90	24.86 -0.55 3.74	29.04 -0.65 4.36	25.32 -0.56 3.48	21.10 -0.45 3.49	22.80 -0.45 0.17	21.06 -0.34 0.00	20.99 -0.30 0.00	17.68 -0.28 1.70	19.16 -0.29 1.03	19.10 -0.30 0.60	21.06 -0.36 2.31	21.06 -0.38 2.32	21.06 -0.41 2.59	21.06 -0.34 3.15	20.93 -0.34 3.15	16.83 -0.28 3.18	13.07 -0.22 2.66	10.54 -0.18 2.00

HUDSON AVE_GT_3 23810	27.35 1.88 -2.76	24.69 1.48 -3.93	23.56 1.26 -5.67	23.55 1.25 -5.63	23.58 1.09 -8.11	28.51 1.24 -11.56	38.94 2.39 -7.40	46.16 2.76 -9.36	42.64 2.35 -10.92	33.39 2.20 -6.15	27.94 1.99 -2.54	25.04 1.84 -1.80	23.98 1.83 -0.86	23.33 1.69 -1.99	23.64 1.76 -1.40	24.93 1.72 -3.21	30.27 1.92 -4.62	38.61 1.85 -12.99	43.33 1.76 -17.52	37.72 1.89 -11.27	31.90 1.88 -5.60	29.08 1.46 -7.32	25.40 1.20 -8.25	24.45 1.00 -10.73
HUDSON AVE_GT_4 23540	27.35 1.88 -2.76	24.69 1.48 -3.93	23.56 1.26 -5.67	23.55 1.25 -5.63	23.58 1.09 -8.11	28.51 1.24 -11.56	38.94 2.39 -7.40	46.16 2.76 -9.36	42.64 2.35 -10.92	33.39 2.20 -6.15	27.94 1.99 -2.54	25.04 1.84 -1.80	23.98 1.83 -0.86	23.33 1.69 -1.99	23.64 1.76 -1.40	24.93 1.72 -3.21	30.27 1.92 -4.62	38.61 1.85 -12.99	43.33 1.76 -17.52	37.72 1.89 -11.27	31.90 1.88 -5.60	29.08 1.46 -7.32	25.40 1.20 -8.25	24.45 1.00 -10.73
HUDSON AVE_GT_5 23657	27.35 1.88 -2.76	24.69 1.48 -3.93	23.56 1.26 -5.67	23.55 1.25 -5.63	23.58 1.09 -8.11	28.51 1.24 -11.56	38.94 2.39 -7.40	46.16 2.76 -9.36	42.64 2.35 -10.92	33.39 2.20 -6.15	27.94 1.99 -2.54	25.04 1.84 -1.80	23.98 1.83 -0.86	23.33 1.69 -1.99	23.64 1.76 -1.40	24.93 1.72 -3.21	30.27 1.92 -4.62	38.61 1.85 -12.99	43.33 1.76 -17.52	37.72 1.89 -11.27	31.90 1.88 -5.60	29.08 1.46 -7.32	25.40 1.20 -8.25	24.45 1.00 -10.73
HUDSON_AVE_10 24168	27.33 1.86 -2.76	24.67 1.46 -3.93	23.54 1.25 -5.67	23.53 1.23 -5.63	23.57 1.08 -8.11	28.50 1.23 -11.56	38.91 2.36 -7.40	46.16 2.76 -9.36	42.61 2.32 -10.92	33.39 2.20 -6.15	27.92 1.97 -2.54	25.04 1.84 -1.80	23.98 1.83 -0.86	23.33 1.69 -1.99	23.64 1.76 -1.40	24.93 1.72 -3.21	30.27 1.92 -4.62	38.61 1.85 -12.99	43.33 1.76 -17.52	37.72 1.89 -11.27	31.90 1.88 -5.60	29.08 1.46 -7.32	25.39 1.18 -8.25	24.44 0.99 -10.73
HUDSON___115KV_TB 4 355613	26.77 0.77 -3.30	24.76 0.79 -4.70	24.08 0.68 -6.77	24.10 0.70 -6.73	24.66 0.59 -9.69	30.10 0.58 -13.81	39.19 1.20 -8.84	46.69 1.46 -11.18	43.67 1.26 -13.05	33.31 0.93 -7.35	27.20 0.75 -3.03	24.19 0.64 -2.15	22.93 0.62 -1.02	22.62 0.59 -2.38	22.76 0.61 -1.67	24.46 0.62 -3.83	29.98 0.76 -5.49	40.09 0.88 -15.45	45.88 0.99 -20.84	38.94 0.96 -13.43	32.07 0.98 -6.67	29.77 0.75 -8.72	26.33 0.54 -9.83	25.91 0.41 -12.79
HUNTER MOUNT___DRP 323613	26.63 0.73 -3.20	24.58 0.75 -4.56	23.85 0.67 -6.56	23.86 0.67 -6.52	24.34 0.56 -9.40	29.67 0.57 -13.39	38.92 1.20 -8.57	46.31 1.43 -10.84	43.25 1.23 -12.65	33.04 0.88 -7.12	26.99 0.63 -2.94	24.00 0.51 -2.08	22.75 0.47 -0.99	22.43 0.47 -2.30	22.59 0.49 -1.62	24.22 0.50 -3.72	29.72 0.66 -5.33	39.54 0.78 -15.00	45.24 0.96 -20.22	38.47 0.88 -13.03	31.84 0.95 -6.48	29.47 0.71 -8.46	25.96 0.46 -9.54	25.48 0.36 -12.41
HUNTINGTON_RES_REC 323705	28.17 2.70 -2.76	25.99 2.31 -4.41	24.67 1.98 -6.07	24.23 1.93 -5.63	26.13 1.71 -10.04	35.61 1.93 -17.96	43.46 3.76 -10.55	53.44 4.29 -15.11	45.56 3.73 -12.47	35.69 3.30 -7.35	33.74 3.00 -7.33	29.13 2.83 -4.90	25.41 2.77 -1.35	26.79 2.57 -4.56	27.92 2.68 -4.77	31.14 2.62 -8.52	36.51 3.06 -9.72	42.59 2.95 -15.88	48.74 3.03 -21.65	46.40 2.95 -18.90	38.34 3.05 -10.87	36.34 2.31 -13.73	34.07 1.88 -16.23	30.71 1.54 -16.46
HUNTLEY___63 23557	23.35 -0.09 -0.73	20.39 0.08 -1.04	18.26 0.13 -1.50	18.25 0.08 -1.49	16.59 0.06 -2.15	18.76 -0.02 -3.07	30.47 -0.64 -1.96	35.39 -1.12 -2.47	31.40 -0.85 -2.89	26.06 -0.60 -1.63	23.78 -0.30 -0.67	21.34 -0.54 -0.48	20.84 -0.68 -0.23	19.67 -0.51 -0.53	20.23 -0.61 -0.37	20.25 -0.60 -0.85	24.14 -0.81 -1.22	26.38 -0.81 -3.43	27.65 -1.03 -4.62	26.47 -0.98 -2.89	25.00 -0.85 -1.44	21.53 -0.65 -1.88	17.67 -0.40 -2.12	15.21 -0.25 -2.75
HUNTLEY___64 23558	23.35 -0.09 -0.73	20.39 0.08 -1.04	18.26 0.13 -1.50	18.25 0.08 -1.49	16.59 0.06 -2.15	18.76 -0.02 -3.07	30.47 -0.64 -1.96	35.39 -1.12 -2.47	31.40 -0.85 -2.89	26.06 -0.60 -1.63	23.78 -0.30 -0.67	21.34 -0.54 -0.48	20.84 -0.68 -0.23	19.67 -0.51 -0.53	20.23 -0.61 -0.37	20.25 -0.60 -0.85	24.14 -0.81 -1.22	26.38 -0.81 -3.43	27.65 -1.03 -4.62	26.47 -0.98 -2.89	25.00 -0.85 -1.44	21.53 -0.65 -1.88	17.67 -0.40 -2.12	15.21 -0.25 -2.75
HUNTLEY___65 23559	23.35 -0.09 -0.73	20.39 0.08 -1.04	18.26 0.13 -1.50	18.25 0.08 -1.49	16.59 0.06 -2.15	18.76 -0.02 -3.07	30.47 -0.64 -1.96	35.39 -1.12 -2.47	31.40 -0.85 -2.89	26.06 -0.60 -1.63	23.78 -0.30 -0.67	21.34 -0.54 -0.48	20.84 -0.68 -0.23	19.67 -0.51 -0.53	20.23 -0.61 -0.37	20.25 -0.60 -0.85	24.14 -0.81 -1.22	26.38 -0.81 -3.43	27.65 -1.03 -4.62	26.47 -0.98 -2.89	25.00 -0.85 -1.44	21.53 -0.65 -1.88	17.67 -0.40 -2.12	15.21 -0.25 -2.75
HUNTLEY___66 23560	23.35 -0.09 -0.73	20.39 0.08 -1.04	18.26 0.13 -1.50	18.25 0.08 -1.49	16.59 0.06 -2.15	18.76 -0.02 -3.07	30.47 -0.64 -1.96	35.39 -1.12 -2.47	31.40 -0.85 -2.89	26.06 -0.60 -1.63	23.78 -0.30 -0.67	21.34 -0.54 -0.48	20.84 -0.68 -0.23	19.67 -0.51 -0.53	20.23 -0.61 -0.37	20.25 -0.60 -0.85	24.14 -0.81 -1.22	26.38 -0.81 -3.43	27.65 -1.03 -4.62	26.47 -0.98 -2.89	25.00 -0.85 -1.44	21.53 -0.65 -1.88	17.67 -0.40 -2.12	15.21 -0.25 -2.75
HUNTLEY___67 23561	23.20 -0.25 -0.74	20.25 -0.08 -1.05	18.15 0.00 -1.52	18.13 -0.05 -1.51	16.50 -0.06 -2.17	18.70 -0.11 -3.10	30.35 -0.79 -1.98	35.22 -1.33 -2.50	31.26 -1.03 -2.92	25.96 -0.73 -1.64	23.67 -0.42 -0.68	21.26 -0.62 -0.48	20.75 -0.77 -0.23	19.57 -0.61 -0.53	20.15 -0.70 -0.37	20.18 -0.68 -0.86	24.06 -0.90 -1.23	26.30 -0.93 -3.47	27.63 -1.11 -4.68	26.38 -1.11 -2.92	24.89 -0.98 -1.45	21.45 -0.75 -1.90	17.63 -0.46 -2.14	15.19 -0.31 -2.79
HUNTLEY___68 23562	23.20 -0.25 -0.74	20.25 -0.08 -1.05	18.15 0.00 -1.52	18.13 -0.05 -1.51	16.50 -0.06 -2.17	18.70 -0.11 -3.10	30.35 -0.79 -1.98	35.22 -1.33 -2.50	31.26 -1.03 -2.92	25.96 -0.73 -1.64	23.67 -0.42 -0.68	21.26 -0.62 -0.48	20.75 -0.77 -0.23	19.57 -0.61 -0.53	20.15 -0.70 -0.37	20.18 -0.68 -0.86	24.06 -0.90 -1.23	26.30 -0.93 -3.47	27.63 -1.11 -4.68	26.38 -1.11 -2.92	24.89 -0.98 -1.45	21.45 -0.75 -1.90	17.63 -0.46 -2.14	15.19 -0.31 -2.79
HYLAND___LFGE 323620	24.51 1.02 -0.78	21.29 0.91 -1.12	19.05 0.81 -1.61	19.10 0.83 -1.60	17.37 0.69 -2.30	19.84 0.85 -3.28	32.45 1.20 -2.10	38.14 1.43 -2.67	33.59 1.12 -3.11	27.77 0.98 -1.75	25.00 0.87 -0.72	22.34 0.43 -0.51	21.79 0.26 -0.24	20.51 0.30 -0.57	21.18 0.31 -0.40	21.32 0.40 -0.92	25.59 0.59 -1.27	27.92 0.59 -3.57	29.97 1.11 -4.81	28.41 0.76 -3.09	26.85 0.90 -1.53	22.89 0.59 -2.01	18.71 0.50 -2.26	15.97 0.32 -2.94
INDECK___CORINTH 23802	26.70 0.48 -3.52	24.75 0.46 -5.02	24.39 0.53 -7.23	24.42 0.57 -7.19	25.23 0.50 -10.35	31.11 0.64 -14.75	39.88 1.28 -9.44	47.48 1.50 -11.94	44.59 1.29 -13.93	33.83 0.95 -7.84	28.20 1.54 -3.24	25.07 1.37 -2.29	23.68 1.30 -1.09	23.21 1.02 -2.54	23.33 1.06 -1.79	24.98 0.90 -4.07	30.77 1.21 -5.83	40.77 0.62 -16.39	46.83 0.67 -22.11	39.45 0.61 -14.28	32.25 0.73 -7.10	30.02 0.45 -9.28	26.92 0.51 -10.46	26.67 0.36 -13.60

INDECK___ILION 23567	23.20 0.43 -0.06	19.73 0.37 -0.09	17.08 0.32 -0.13	17.13 0.33 -0.13	15.32 0.27 -0.67	16.49 0.25 -0.53	31.00 0.61 -1.24	36.22 0.71 -1.46	31.28 0.59 -1.33	26.47 0.38 -1.06	23.87 0.35 -0.11	21.77 0.32 -0.04	21.59 0.28 -0.02	20.44 0.26 -0.53	21.05 0.25 -0.33	20.47 0.22 -0.24	24.81 0.31 -0.77	25.14 0.40 -0.97	25.55 0.34 -1.16	26.07 0.37 -1.15	25.71 0.27 -1.02	21.65 0.28 -1.07	17.12 0.22 -0.94	13.70 0.18 -0.81
INDECK___OLEAN 23982	23.15 -0.36 -0.80	20.18 -0.23 -1.15	18.13 -0.15 -1.65	18.11 -0.20 -1.64	16.57 -0.17 -2.36	18.92 -0.16 -3.37	30.81 -0.50 -2.16	36.12 -0.61 -2.69	31.88 -0.62 -3.13	26.20 -0.60 -1.76	23.81 -0.33 -0.73	21.32 -0.60 -0.52	20.81 -0.72 -0.25	19.63 -0.59 -0.57	20.20 -0.68 -0.40	20.31 -0.62 -0.92	24.18 -0.83 -1.28	26.58 -0.78 -3.60	28.24 -0.67 -4.86	26.64 -1.03 -3.12	25.14 -0.83 -1.55	21.61 -0.71 -2.03	17.79 -0.45 -2.28	15.33 -0.36 -2.97
INDECK___OSWEGO 23783	22.90 -0.27 -0.46	19.72 -0.21 -0.66	17.39 -0.18 -0.95	17.45 -0.17 -0.95	15.36 -0.14 -1.13	17.37 -0.16 -1.82	29.52 -0.35 -0.72	34.60 -0.41 -0.96	30.32 -0.35 -1.31	25.30 -0.33 -0.58	23.51 -0.31 -0.40	21.36 -0.34 -0.30	21.05 -0.38 -0.14	19.39 -0.35 -0.10	20.20 -0.37 -0.09	21.09 0.62 -0.47	23.89 -0.31 -0.47	25.37 -0.28 -1.89	26.42 -0.26 -2.63	25.71 -0.32 -1.47	24.61 -0.32 -0.51	20.89 -0.20 -0.80	16.81 -0.18 -1.03	14.10 -0.15 -1.54
INDECK___YERKES 23781	23.37 -0.07 -0.73	20.41 0.10 -1.04	18.26 0.13 -1.50	18.26 0.10 -1.49	16.60 0.07 -2.15	18.78 0.00 -3.07	30.50 -0.61 -1.96	35.43 -1.09 -2.47	31.43 -0.82 -2.89	26.09 -0.57 -1.63	23.81 -0.28 -0.67	21.36 -0.51 -0.48	20.86 -0.66 -0.23	19.69 -0.49 -0.53	20.25 -0.59 -0.37	20.27 -0.58 -0.85	24.15 -0.76 -1.18	26.27 -0.81 -3.32	27.83 -0.70 -4.47	26.35 -1.08 -2.87	25.01 -0.83 -1.43	21.53 -0.63 -1.87	17.67 -0.38 -2.10	15.17 -0.28 -2.73
INDIAN POINT_GT_1 24139	27.05 1.63 -2.71	24.44 1.31 -3.86	23.31 1.11 -5.57	23.30 1.10 -5.53	23.31 0.96 -7.97	28.15 1.08 -11.36	38.55 2.13 -7.27	45.72 2.49 -9.19	42.21 2.11 -10.73	32.98 1.90 -6.04	27.59 1.69 -2.49	24.71 1.54 -1.77	23.64 1.51 -0.84	23.02 1.41 -1.95	23.31 1.45 -1.38	24.60 1.44 -3.15	29.90 1.64 -4.54	38.16 1.64 -12.76	42.85 1.59 -17.21	37.30 1.67 -11.07	31.58 1.66 -5.50	28.79 1.30 -7.19	25.08 1.02 -8.11	24.11 0.85 -10.55
INDIAN POINT_GT_2 23659	27.05 1.63 -2.71	24.44 1.31 -3.86	23.31 1.11 -5.57	23.30 1.10 -5.53	23.31 0.96 -7.97	28.15 1.08 -11.36	38.55 2.13 -7.27	45.72 2.49 -9.19	42.21 2.11 -10.73	32.98 1.90 -6.04	27.59 1.69 -2.49	24.71 1.54 -1.77	23.64 1.51 -0.84	23.02 1.41 -1.95	23.31 1.45 -1.38	24.60 1.44 -3.15	29.90 1.64 -4.54	38.16 1.64 -12.76	42.85 1.59 -17.21	37.30 1.67 -11.07	31.58 1.66 -5.50	28.79 1.30 -7.19	25.08 1.02 -8.11	24.11 0.85 -10.55
INDIAN POINT_GT_3 24019	27.05 1.63 -2.71	24.44 1.31 -3.86	23.31 1.11 -5.57	23.30 1.10 -5.53	23.31 0.96 -7.97	28.15 1.08 -11.36	38.55 2.13 -7.27	45.72 2.49 -9.19	42.21 2.11 -10.73	32.98 1.90 -6.04	27.59 1.69 -2.49	24.71 1.54 -1.77	23.64 1.51 -0.84	23.02 1.41 -1.95	23.31 1.45 -1.38	24.60 1.44 -3.15	29.90 1.64 -4.54	38.16 1.64 -12.76	42.85 1.59 -17.21	37.30 1.67 -11.07	31.58 1.66 -5.50	28.79 1.30 -7.19	25.08 1.02 -8.11	24.11 0.85 -10.55
INDIAN POINT___2 23530	26.94 1.61 -2.62	24.29 1.29 -3.73	23.10 1.10 -5.38	23.10 1.08 -5.35	23.03 0.95 -7.70	27.75 1.07 -10.97	38.28 2.10 -7.02	45.41 2.48 -8.88	41.79 2.05 -10.37	32.73 1.85 -5.84	27.49 1.66 -2.41	24.63 1.52 -1.71	23.57 1.47 -0.81	22.91 1.38 -1.89	23.24 1.43 -1.33	24.48 1.42 -3.05	29.71 1.61 -4.36	37.63 1.59 -12.28	42.23 1.61 -16.56	36.87 1.62 -10.70	31.37 1.64 -5.32	28.50 1.26 -6.95	24.79 1.01 -7.83	23.75 0.85 -10.19
INDIAN POINT___3 23531	27.17 1.68 -2.78	24.56 1.33 -3.96	23.48 1.15 -5.71	23.48 1.13 -5.67	23.54 0.99 -8.17	28.47 1.12 -11.65	38.76 2.16 -7.45	46.02 2.55 -9.43	42.51 2.14 -11.00	33.19 1.95 -6.20	27.73 1.76 -2.56	24.82 1.61 -1.81	23.73 1.58 -0.86	23.13 1.47 -2.00	23.42 1.54 -1.41	24.74 1.50 -3.23	30.09 1.71 -4.65	38.54 1.69 -13.09	43.34 1.64 -17.65	37.63 1.72 -11.36	31.77 1.71 -5.64	28.99 1.32 -7.38	25.32 1.05 -8.31	24.41 0.88 -10.81
INGHAM_C_115KV_TB7 356103	23.59 0.82 -0.06	20.05 0.69 -0.09	17.36 0.60 -0.13	17.40 0.60 -0.13	15.57 0.52 -0.67	16.69 0.46 -0.53	31.50 1.11 -1.24	36.73 1.23 -1.46	31.72 1.03 -1.33	26.75 0.65 -1.06	24.15 0.63 -0.11	22.02 0.58 -0.04	21.82 0.51 -0.02	20.61 0.43 -0.53	21.23 0.43 -0.33	20.65 0.40 -0.24	25.02 0.52 -0.77	25.42 0.69 -0.97	25.74 0.53 -1.16	26.32 0.61 -1.15	25.85 0.42 -1.02	21.87 0.51 -1.07	17.28 0.38 -0.94	13.83 0.31 -0.81
IP CORINTH___1 23988	26.84 0.61 -3.52	24.85 0.56 -5.02	24.49 0.63 -7.23	24.52 0.67 -7.19	25.32 0.59 -10.35	31.20 0.74 -14.75	40.05 1.46 -9.44	47.69 1.70 -11.94	44.77 1.47 -13.94	33.99 1.10 -7.85	28.20 1.55 -3.24	25.04 1.35 -2.29	23.68 1.30 -1.09	23.21 1.02 -2.54	23.33 1.06 -1.79	25.00 0.90 -4.09	30.78 1.21 -5.84	40.96 0.76 -16.44	47.04 0.82 -22.17	39.58 0.74 -14.29	32.37 0.85 -7.10	30.15 0.57 -9.28	27.02 0.61 -10.46	26.75 0.43 -13.61
IP___TICONDEROGA 23804	27.59 1.36 -3.52	25.53 1.25 -5.01	25.01 1.16 -7.22	25.10 1.25 -7.18	25.81 1.09 -10.34	31.80 1.35 -14.73	41.32 2.74 -9.43	49.20 3.23 -11.93	46.13 2.85 -13.92	34.91 2.03 -7.84	28.87 2.22 -3.23	25.53 1.84 -2.29	24.08 1.70 -1.09	23.58 1.40 -2.53	23.73 1.47 -1.78	25.45 1.36 -4.09	31.51 1.95 -5.84	41.94 1.76 -16.42	48.05 1.85 -22.14	40.64 1.82 -14.27	33.44 1.93 -7.09	30.98 1.42 -9.27	27.56 1.16 -10.44	27.13 0.83 -13.59
ISLIP_RES_REC 323679	28.85 3.38 -2.76	26.68 3.00 -4.41	25.25 2.56 -6.06	24.80 2.50 -5.63	26.63 2.21 -10.03	36.11 2.44 -17.96	44.75 5.04 -10.55	54.84 5.68 -15.11	46.89 5.05 -12.47	36.55 4.16 -7.35	34.54 3.79 -7.33	29.96 3.66 -4.90	26.17 3.54 -1.35	27.53 3.32 -4.56	28.76 3.52 -4.76	31.88 3.36 -8.52	37.43 3.99 -9.72	43.57 3.92 -15.89	49.65 3.95 -21.65	47.33 3.88 -18.90	39.27 3.98 -10.87	37.07 3.04 -13.73	34.72 2.54 -16.23	31.17 2.00 -16.46
JAMAICA__27_KV_LOAD 355505	27.56 2.09 -2.76	24.82 1.62 -3.93	23.67 1.38 -5.67	23.67 1.37 -5.63	23.68 1.19 -8.11	28.64 1.37 -11.56	39.21 2.65 -7.40	46.53 3.13 -9.36	42.90 2.61 -10.92	33.69 2.50 -6.15	28.20 2.25 -2.54	25.30 2.10 -1.80	24.23 2.09 -0.86	23.57 1.93 -1.99	23.88 2.01 -1.40	25.19 1.98 -3.21	30.58 2.23 -4.62	38.91 2.16 -12.99	43.64 2.07 -17.52	38.04 2.21 -11.27	32.17 2.15 -5.60	29.32 1.70 -7.32	25.56 1.36 -8.25	24.59 1.14 -10.73
JANIS___SOLAR 323808	25.04 1.32 -1.02	21.86 1.14 -1.45	19.70 0.98 -2.09	19.77 1.02 -2.08	18.27 0.89 -3.00	20.94 0.96 -4.27	33.90 2.01 -2.74	39.51 2.01 -3.46	34.99 1.58 -4.04	28.39 1.08 -2.28	25.27 0.91 -0.94	22.67 0.60 -0.66	22.08 0.47 -0.32	20.82 0.43 -0.74	21.51 0.51 -0.52	22.07 0.88 -1.19	26.41 1.04 -1.64	29.64 1.26 -4.62	31.63 1.35 -6.23	29.79 1.23 -4.01	27.53 1.12 -1.99	23.84 0.93 -2.61	19.58 0.69 -2.94	17.04 0.51 -3.82

JARVIS____ 23743	22.89 0.11 -0.06	19.46 0.10 -0.09	16.84 0.08 -0.13	16.88 0.08 -0.13	15.12 0.07 -0.67	16.32 0.08 -0.53	30.57 0.18 -1.24	35.71 0.21 -1.46	30.87 0.18 -1.33	26.22 0.13 -1.06	23.64 0.12 -0.11	21.53 0.09 -0.04	21.40 0.09 -0.02	20.26 0.08 -0.53	20.88 0.08 -0.33	20.31 0.06 -0.25	24.59 0.10 -0.76	24.83 0.12 -0.95	25.30 0.12 -1.13	25.85 0.10 -1.19	25.56 0.10 -1.04	21.48 0.08 -1.10	16.99 0.06 -0.97	13.62 0.05 -0.85
JENNISON____1 23625	25.31 1.41 -1.20	22.21 1.23 -1.71	20.13 1.05 -2.46	20.20 1.08 -2.45	18.84 0.93 -3.52	21.77 1.04 -5.02	34.52 2.16 -3.21	40.46 2.35 -4.07	36.02 1.91 -4.74	29.11 1.40 -2.67	25.73 1.22 -1.10	23.15 0.96 -0.78	22.47 0.81 -0.37	21.26 0.75 -0.86	21.88 0.80 -0.61	22.40 1.00 -1.39	26.97 1.23 -2.01	30.86 1.45 -5.65	33.12 1.44 -7.62	30.76 1.42 -4.78	28.08 1.29 -2.37	24.46 1.06 -3.10	20.25 0.80 -3.50	17.89 0.62 -4.55
JENNISON____2 23626	25.31 1.41 -1.20	22.21 1.23 -1.71	20.13 1.05 -2.46	20.20 1.08 -2.45	18.84 0.93 -3.52	21.77 1.04 -5.02	34.52 2.16 -3.21	40.46 2.35 -4.07	36.02 1.91 -4.74	29.11 1.40 -2.67	25.73 1.22 -1.10	23.15 0.96 -0.78	22.47 0.81 -0.37	21.26 0.75 -0.86	21.88 0.80 -0.61	22.40 1.00 -1.39	26.97 1.23 -2.01	30.86 1.45 -5.65	33.12 1.44 -7.62	30.76 1.42 -4.78	28.08 1.29 -2.37	24.46 1.06 -3.10	20.25 0.80 -3.50	17.89 0.62 -4.55
JERICHO_RISE_WT_PWR 323719	21.94 -0.77 0.00	18.54 -0.73 0.00	15.91 -0.71 0.00	15.95 -0.72 0.00	5.64 -0.66 8.08	10.76 -0.63 4.32	9.69 -1.46 18.00	11.41 -1.63 21.00	9.78 -1.47 18.12	8.42 -1.15 15.46	21.58 -1.03 0.80	20.46 -0.94 0.00	20.48 -0.81 0.00	10.61 -0.86 8.18	14.61 -0.90 4.97	16.21 -0.90 2.90	11.60 -0.97 11.15	11.53 -1.04 11.18	10.51 -1.08 12.47	8.13 -1.23 15.20	7.90 -1.34 15.17	-0.37 -1.20 19.47	-7.43 -0.96 22.43	-7.52 -0.78 19.46
KATONAH____115KV_46KV_TB4 355592	27.27 1.77 -2.79	24.65 1.41 -3.98	23.56 1.20 -5.73	23.55 1.18 -5.70	23.61 1.02 -8.21	28.56 1.15 -11.70	38.91 2.27 -7.49	46.20 2.69 -9.47	42.79 2.38 -11.05	33.39 2.13 -6.22	27.79 1.80 -2.57	24.83 1.61 -1.82	23.69 1.53 -0.87	23.10 1.43 -2.01	23.37 1.47 -1.42	24.75 1.50 -3.25	30.11 1.71 -4.67	38.66 1.76 -13.14	43.51 1.73 -17.72	37.80 1.84 -11.40	31.91 1.83 -5.67	29.12 1.42 -7.40	25.39 1.08 -8.35	24.46 0.89 -10.86
KCE_NY_1 323755	27.26 1.05 -3.51	25.22 0.94 -5.01	24.68 0.85 -7.21	24.70 0.87 -7.17	25.46 0.76 -10.32	31.30 0.88 -14.71	40.29 1.72 -9.42	47.96 2.01 -11.91	44.99 1.73 -13.90	34.21 1.35 -7.82	28.02 1.38 -3.23	24.89 1.20 -2.29	23.53 1.15 -1.09	23.18 1.00 -2.53	23.30 1.04 -1.78	25.08 1.02 -4.06	30.87 1.33 -5.81	41.36 1.26 -16.34	47.42 1.32 -22.04	40.07 1.28 -14.24	32.81 1.32 -7.08	30.56 1.01 -9.25	27.19 0.81 -10.43	26.90 0.62 -13.56
KCE_NY_6_ESR 323823	23.39 -0.07 -0.76	20.40 0.06 -1.08	18.28 0.10 -1.55	18.28 0.07 -1.54	16.64 0.04 -2.22	18.89 0.02 -3.17	30.68 -0.50 -2.03	35.68 -0.92 -2.55	31.67 -0.67 -2.98	26.24 -0.48 -1.68	23.90 -0.21 -0.69	21.47 -0.43 -0.49	20.95 -0.57 -0.23	19.76 -0.43 -0.54	20.33 -0.53 -0.38	20.38 -0.50 -0.88	24.28 -0.66 -1.22	26.50 -0.69 -3.42	28.10 -0.58 -4.62	26.54 -0.98 -2.96	25.16 -0.73 -1.47	21.63 -0.59 -1.93	17.77 -0.35 -2.17	15.28 -0.25 -2.82
KEDC_PORT_JEFF_GT2 24210	28.72 3.25 -2.76	26.55 2.87 -4.41	25.13 2.44 -6.06	24.70 2.40 -5.63	26.53 2.11 -10.03	35.98 2.31 -17.96	44.51 4.81 -10.55	54.46 5.31 -15.11	46.63 4.79 -12.47	36.32 3.93 -7.35	34.35 3.60 -7.33	29.79 3.49 -4.90	26.00 3.36 -1.35	27.38 3.16 -4.56	28.60 3.36 -4.77	31.72 3.20 -8.52	37.24 3.80 -9.72	43.35 3.71 -15.89	49.39 3.68 -21.65	47.09 3.63 -18.90	39.05 3.76 -10.87	36.91 2.88 -13.73	34.61 2.42 -16.23	31.09 1.92 -16.46
KEDC_PORT_JEFF_GT3 24211	28.72 3.25 -2.76	26.55 2.87 -4.41	25.13 2.44 -6.06	24.70 2.40 -5.63	26.53 2.11 -10.03	35.98 2.31 -17.96	44.51 4.81 -10.55	54.46 5.31 -15.11	46.63 4.79 -12.47	36.32 3.93 -7.35	34.35 3.60 -7.33	29.79 3.49 -4.90	26.00 3.36 -1.35	27.38 3.16 -4.56	28.60 3.36 -4.77	31.72 3.20 -8.52	37.24 3.80 -9.72	43.35 3.71 -15.89	49.39 3.68 -21.65	47.09 3.63 -18.90	39.05 3.76 -10.87	36.91 2.88 -13.73	34.61 2.42 -16.23	31.09 1.92 -16.46
KEDC_GLWD_GT4 24219	27.67 2.20 -2.76	25.51 1.83 -4.41	24.25 1.56 -6.06	23.82 1.52 -5.63	25.76 1.35 -10.03	35.21 1.54 -17.96	42.64 2.94 -10.55	52.62 3.47 -15.11	44.77 2.94 -12.47	35.04 2.65 -7.35	33.15 2.41 -7.33	28.51 2.21 -4.90	24.81 2.17 -1.34	26.21 2.01 -4.56	27.33 2.09 -4.76	30.58 2.06 -8.52	35.82 2.37 -9.71	41.94 2.30 -15.88	48.06 2.36 -21.65	45.78 2.33 -18.89	37.67 2.39 -10.86	35.87 1.85 -13.73	33.65 1.47 -16.23	30.39 1.22 -16.46
KEDC_GLWD_GT5 24220	27.67 2.20 -2.76	25.51 1.83 -4.41	24.25 1.56 -6.06	23.82 1.52 -5.63	25.76 1.35 -10.03	35.21 1.54 -17.96	42.64 2.94 -10.55	52.62 3.47 -15.11	44.77 2.94 -12.47	35.04 2.65 -7.35	33.15 2.41 -7.33	28.51 2.21 -4.90	24.81 2.17 -1.34	26.21 2.01 -4.56	27.33 2.09 -4.76	30.58 2.06 -8.52	35.82 2.37 -9.71	41.94 2.30 -15.88	48.06 2.36 -21.65	45.78 2.33 -18.89	37.67 2.39 -10.86	35.87 1.85 -13.73	33.65 1.47 -16.23	30.39 1.22 -16.46
KENSICO____ 23655	27.19 1.73 -2.75	24.56 1.37 -3.93	23.45 1.16 -5.66	23.46 1.17 -5.62	23.50 1.02 -8.10	28.40 1.15 -11.54	38.76 2.22 -7.39	46.01 2.62 -9.35	42.47 2.20 -10.91	33.21 2.03 -6.14	27.75 1.80 -2.53	24.85 1.65 -1.79	23.78 1.64 -0.85	23.15 1.51 -1.99	23.45 1.58 -1.40	24.77 1.56 -3.21	30.10 1.76 -4.61	38.47 1.73 -12.97	43.21 1.66 -17.49	37.58 1.77 -11.26	31.77 1.76 -5.60	28.97 1.36 -7.31	25.28 1.08 -8.24	24.34 0.90 -10.72
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	26.98 1.75 -2.53	24.24 1.37 -3.60	22.95 1.13 -5.19	22.94 1.12 -5.16	22.80 0.99 -7.43	27.35 1.05 -10.59	38.15 2.22 -6.78	45.24 2.62 -8.57	41.60 2.23 -10.00	32.50 1.83 -5.63	27.26 1.52 -2.32	24.38 1.33 -1.65	23.33 1.26 -0.78	22.65 1.18 -1.82	22.99 1.23 -1.28	24.18 1.24 -2.94	29.38 1.42 -4.23	37.22 1.57 -11.89	41.65 1.56 -16.03	36.54 1.67 -10.32	31.13 1.59 -5.13	28.30 1.30 -6.70	24.50 0.99 -7.55	23.37 0.83 -9.83
KIAC_JFK_GT1 23816	27.49 2.02 -2.76	24.78 1.58 -3.93	23.64 1.35 -5.67	23.62 1.32 -5.63	23.66 1.16 -8.11	28.61 1.34 -11.56	39.12 2.57 -7.40	46.43 3.03 -9.36	42.81 2.53 -10.92	33.64 2.45 -6.15	28.15 2.20 -2.54	25.25 2.05 -1.80	24.19 2.04 -0.86	23.53 1.89 -1.99	23.84 1.97 -1.40	25.15 1.94 -3.21	30.53 2.18 -4.62	38.84 2.09 -12.99	43.59 2.02 -17.52	37.94 2.11 -11.27	32.12 2.10 -5.60	29.26 1.64 -7.32	25.52 1.31 -8.25	24.56 1.11 -10.73
KIAC_JFK_GT2 23817	27.49 2.02 -2.76	24.78 1.58 -3.93	23.64 1.35 -5.67	23.62 1.32 -5.63	23.66 1.16 -8.11	28.61 1.34 -11.56	39.12 2.57 -7.40	46.43 3.03 -9.36	42.81 2.53 -10.92	33.64 2.45 -6.15	28.15 2.20 -2.54	25.25 2.05 -1.80	24.19 2.04 -0.86	23.53 1.89 -1.99	23.84 1.97 -1.40	25.15 1.94 -3.21	30.53 2.18 -4.62	38.84 2.09 -12.99	43.59 2.02 -17.52	37.94 2.11 -11.27	32.12 2.10 -5.60	29.26 1.64 -7.32	25.52 1.31 -8.25	24.56 1.11 -10.73

KIAC_JFK____ 323774	27.49 2.02 -2.76	24.78 1.58 -3.93	23.66 1.36 -5.67	23.62 1.32 -5.63	23.66 1.16 -8.11	28.61 1.33 -11.56	39.15 2.59 -7.40	46.43 3.03 -9.36	42.81 2.53 -10.92	33.65 2.46 -6.15	28.15 2.20 -2.54	25.26 2.05 -1.80	24.19 2.04 -0.86	23.53 1.89 -1.99	23.84 1.97 -1.40	25.16 1.94 -3.22	30.51 2.18 -4.60	38.79 2.09 -12.93	43.59 2.09 -17.44	37.91 2.09 -11.27	32.12 2.10 -5.60	29.26 1.64 -7.32	25.51 1.31 -8.25	24.59 1.14 -10.73
KINTIGH____ 23543	23.26 -0.14 -0.69	20.23 -0.02 -0.98	18.08 0.05 -1.41	18.08 0.02 -1.40	16.41 0.01 -2.01	18.54 -0.05 -2.87	30.38 -0.61 -1.84	35.34 -1.02 -2.32	31.31 -0.76 -2.71	26.06 -0.50 -1.52	23.79 -0.26 -0.63	21.40 -0.45 -0.45	20.93 -0.57 -0.21	19.69 -0.45 -0.49	20.31 -0.51 -0.35	20.30 -0.50 -0.79	24.18 -0.69 -1.14	26.29 -0.69 -3.21	27.55 -0.84 -4.33	26.43 -0.83 -2.71	25.03 -0.73 -1.35	21.51 -0.55 -1.76	17.62 -0.32 -1.99	15.09 -0.20 -2.58
KNTFSRNC_46_KV_46KV_LOAD 80397	22.28 -0.43 0.00	18.83 -0.44 0.00	16.13 -0.50 0.00	16.17 -0.50 0.00	5.73 -0.46 8.19	10.93 -0.39 4.38	9.75 -1.14 18.27	11.48 -1.26 21.31	9.84 -1.15 18.38	8.50 -0.85 15.69	21.85 -0.75 0.81	20.68 -0.73 0.00	20.74 -0.55 0.00	10.71 -0.65 8.29	14.80 -0.63 5.04	16.38 -0.68 2.94	11.75 -0.66 11.31	11.73 -0.69 11.34	10.78 -0.63 12.65	8.23 -0.91 15.42	8.02 -1.00 15.39	0.01 -0.81 19.47	-6.79 -0.64 22.11	-6.90 -0.53 19.08
LACHUTE____HYDRO 323717	27.59 1.36 -3.52	25.53 1.25 -5.01	25.01 1.16 -7.22	25.10 1.25 -7.18	25.81 1.09 -10.34	31.80 1.35 -14.73	41.32 2.74 -9.43	49.20 3.24 -11.92	46.12 2.85 -13.91	34.90 2.03 -7.83	28.87 2.23 -3.23	25.53 1.84 -2.29	24.08 1.70 -1.09	23.60 1.42 -2.53	23.73 1.48 -1.78	25.43 1.36 -4.07	31.49 1.95 -5.82	41.89 1.76 -16.37	48.01 1.88 -22.07	40.64 1.82 -14.26	33.43 1.93 -7.09	30.98 1.42 -9.26	27.56 1.16 -10.44	27.12 0.83 -13.58
LAWRNCV_115KV_TB1 80681	22.28 -0.50 -0.07	18.95 -0.42 -0.10	16.36 -0.42 -0.15	16.42 -0.40 -0.15	7.30 -0.39 6.69	11.90 -0.42 3.39	13.26 -0.70 15.20	15.58 -0.75 17.71	13.52 -0.65 15.20	11.38 -0.60 13.06	22.16 -0.63 0.62	20.92 -0.54 -0.05	20.78 -0.53 -0.02	12.22 -0.49 6.94	15.71 -0.55 4.21	17.05 -0.56 2.40	13.71 -0.62 9.40	14.04 -0.52 9.20	13.43 -0.46 10.17	11.34 -0.52 12.70	11.05 -0.54 12.83	7.43 -0.45 12.42	5.99 -0.37 9.60	5.61 -0.31 6.80
LEDERLE____ 23769	26.91 1.68 -2.52	24.19 1.33 -3.59	22.93 1.13 -5.18	22.93 1.12 -5.14	22.77 0.98 -7.41	27.36 1.08 -10.56	38.10 2.19 -6.76	45.18 2.59 -8.55	41.51 2.17 -9.98	32.56 1.90 -5.62	27.42 1.69 -2.32	24.54 1.50 -1.64	23.54 1.47 -0.78	22.84 1.38 -1.82	23.19 1.43 -1.28	24.35 1.42 -2.93	29.56 1.61 -4.22	37.29 1.66 -11.86	41.68 1.64 -15.99	36.54 1.69 -10.29	31.22 1.68 -5.12	28.30 1.32 -6.69	24.53 1.04 -7.54	23.37 0.85 -9.80
LIGHTHSE_115KV_TB6 355974	23.15 0.00 -0.44	19.92 0.02 -0.63	17.57 0.03 -0.91	17.62 0.05 -0.90	15.11 0.04 -0.68	17.30 0.06 -1.52	29.14 0.17 0.18	34.22 0.27 0.10	29.88 0.15 -0.37	24.87 0.03 0.19	23.76 0.00 -0.34	21.58 -0.11 -0.29	21.26 -0.17 -0.14	19.19 -0.16 0.30	20.12 -0.20 0.15	20.52 0.26 -0.26	23.51 -0.17 0.05	25.08 -0.07 -1.39	26.08 -0.05 -2.07	25.14 -0.05 -0.63	24.03 -0.12 0.26	20.25 -0.04 0.00	16.26 -0.03 -0.34	13.63 -0.05 -0.97
LINDEN COGEN____ 23786	27.24 1.77 -2.76	24.59 1.39 -3.93	23.49 1.20 -5.67	23.48 1.18 -5.63	23.53 1.04 -8.11	28.44 1.16 -11.56	38.80 2.24 -7.40	45.96 2.55 -9.36	42.43 2.14 -10.92	33.24 2.05 -6.15	27.83 1.87 -2.54	24.96 1.76 -1.80	23.87 1.72 -0.86	23.25 1.61 -1.99	23.53 1.66 -1.40	24.86 1.64 -3.22	30.13 1.80 -4.60	38.41 1.71 -12.93	43.15 1.66 -17.44	37.54 1.72 -11.27	31.77 1.76 -5.60	28.98 1.36 -7.32	25.32 1.12 -8.25	24.41 0.97 -10.73
LINDHRST_69_KV_BK1 356055	27.99 2.52 -2.76	25.81 2.14 -4.40	24.51 1.83 -6.05	24.08 1.78 -5.63	25.99 1.58 -10.02	35.45 1.79 -17.95	43.13 3.44 -10.54	53.16 4.02 -15.10	45.26 3.44 -12.46	35.41 3.03 -7.34	33.52 2.79 -7.32	28.82 2.53 -4.89	25.14 2.51 -1.34	26.54 2.34 -4.55	27.67 2.44 -4.76	30.90 2.40 -8.50	36.26 2.80 -9.73	42.42 2.73 -15.93	48.49 2.72 -21.72	46.25 2.80 -18.89	38.11 2.83 -10.86	36.21 2.19 -13.72	33.92 1.74 -16.22	30.58 1.41 -16.45
LIPA_MISC_IPP 23656	28.69 3.22 -2.76	26.60 2.93 -4.40	25.16 2.48 -6.06	24.73 2.43 -5.63	26.55 2.14 -10.03	35.94 2.28 -17.95	44.68 4.99 -10.54	54.76 5.62 -15.10	46.79 4.96 -12.47	36.29 3.91 -7.34	34.30 3.56 -7.32	29.53 3.23 -4.89	25.99 3.36 -1.34	27.39 3.18 -4.55	28.59 3.36 -4.76	31.69 3.18 -8.50	37.21 3.75 -9.73	43.57 3.87 -15.93	49.48 3.70 -21.72	47.31 3.86 -18.90	38.99 3.71 -10.87	36.91 2.88 -13.73	34.53 2.35 -16.23	31.09 1.92 -16.46
LISF____SOLAR 323691	28.78 3.32 -2.76	26.64 2.97 -4.41	25.22 2.53 -6.06	24.77 2.47 -5.63	26.60 2.18 -10.03	35.97 2.29 -17.96	44.78 5.07 -10.55	54.84 5.68 -15.11	46.89 5.05 -12.47	36.32 3.93 -7.35	34.33 3.58 -7.33	29.83 3.53 -4.90	26.02 3.39 -1.35	27.42 3.20 -4.56	28.62 3.38 -4.76	31.72 3.20 -8.52	37.24 3.80 -9.72	43.57 3.92 -15.89	49.53 3.83 -21.65	47.36 3.90 -18.90	39.05 3.76 -10.87	36.97 2.94 -13.73	34.67 2.49 -16.23	31.14 1.97 -16.46
LITTLE FALLS____HYD 24013	23.59 0.82 -0.06	20.05 0.69 -0.09	17.36 0.60 -0.13	17.40 0.60 -0.13	15.57 0.52 -0.67	16.69 0.46 -0.53	31.50 1.11 -1.24	36.73 1.23 -1.46	31.72 1.03 -1.33	26.75 0.65 -1.06	24.15 0.63 -0.11	22.02 0.58 -0.04	21.82 0.51 -0.02	20.61 0.43 -0.53	21.23 0.43 -0.33	20.65 0.40 -0.24	25.02 0.52 -0.77	25.42 0.69 -0.97	25.74 0.53 -1.16	26.32 0.61 -1.15	25.85 0.42 -1.02	21.87 0.51 -1.07	17.28 0.38 -0.94	13.83 0.31 -0.81
LITTLRIV_115KV_TB1 356100	22.47 -0.32 -0.08	19.11 -0.27 -0.11	16.50 -0.28 -0.16	16.58 -0.25 -0.16	7.58 -0.27 6.52	12.13 -0.30 3.29	13.96 -0.35 14.84	16.44 -0.31 17.29	14.23 -0.29 14.84	11.89 -0.40 12.75	22.35 -0.47 0.60	21.09 -0.36 -0.05	20.93 -0.38 -0.02	12.50 -0.37 6.78	15.95 -0.41 4.11	17.23 -0.44 2.33	14.09 -0.45 9.18	14.52 -0.29 8.96	13.92 -0.24 9.90	11.92 -0.25 12.39	11.54 -0.34 12.53	7.97 -0.26 12.06	6.50 -0.24 9.22	6.04 -0.20 6.47
LI_NEWBRDGE____DRP 323616	27.46 2.00 -2.76	25.32 1.66 -4.40	24.09 1.41 -6.05	23.68 1.38 -5.63	25.63 1.22 -10.02	35.04 1.38 -17.95	42.31 2.62 -10.54	52.24 3.10 -15.10	44.43 2.61 -12.46	34.78 2.40 -7.34	32.89 2.15 -7.32	28.28 1.99 -4.89	24.58 1.96 -1.34	26.03 1.83 -4.55	27.11 1.88 -4.75	30.36 1.86 -8.50	35.57 2.11 -9.72	41.75 2.07 -15.93	47.79 2.02 -21.71	45.56 2.11 -18.89	37.40 2.12 -10.86	35.66 1.64 -13.72	33.49 1.31 -16.22	30.25 1.08 -16.45
LOCKPORT_115KV_TB60_63_64 80432	23.15 -0.27 -0.72	20.19 -0.10 -1.02	18.08 -0.02 -1.47	18.06 -0.07 -1.46	16.41 -0.07 -2.10	18.57 -0.14 -3.00	30.23 -0.85 -1.92	35.07 -1.40 -2.42	31.10 -1.09 -2.83	25.88 -0.75 -1.59	23.63 -0.44 -0.66	21.20 -0.66 -0.47	20.70 -0.81 -0.22	19.52 -0.65 -0.51	20.12 -0.72 -0.36	20.11 -0.72 -0.83	23.97 -0.95 -1.19	26.14 -0.97 -3.36	27.40 -1.18 -4.53	26.23 -1.15 -2.83	24.80 -1.03 -1.41	21.34 -0.79 -1.84	17.53 -0.49 -2.07	15.09 -0.32 -2.70

LOCKPORT___CC1 323769	23.18 -0.25 -0.72	20.20 -0.10 -1.02	18.07 -0.03 -1.48	18.09 -0.05 -1.47	16.44 -0.06 -2.11	18.60 -0.13 -3.01	30.21 -0.87 -1.93	35.08 -1.40 -2.43	31.12 -1.09 -2.84	25.89 -0.75 -1.60	23.61 -0.47 -0.66	21.23 -0.64 -0.47	20.70 -0.81 -0.22	19.54 -0.63 -0.52	20.12 -0.72 -0.36	20.12 -0.72 -0.83	23.96 -0.93 -1.16	26.05 -0.98 -3.26	27.59 -0.87 -4.40	26.10 -1.28 -2.82	24.79 -1.02 -1.40	21.34 -0.79 -1.83	17.53 -0.49 -2.07	15.05 -0.36 -2.69
LOCKPORT___CC2 323770	23.18 -0.25 -0.72	20.20 -0.10 -1.02	18.07 -0.03 -1.48	18.09 -0.05 -1.47	16.44 -0.06 -2.11	18.60 -0.13 -3.01	30.21 -0.87 -1.93	35.08 -1.40 -2.43	31.12 -1.09 -2.84	25.89 -0.75 -1.60	23.61 -0.47 -0.66	21.23 -0.64 -0.47	20.70 -0.81 -0.22	19.54 -0.63 -0.52	20.12 -0.72 -0.36	20.12 -0.72 -0.83	23.96 -0.93 -1.16	26.05 -0.98 -3.26	27.59 -0.87 -4.40	26.10 -1.28 -2.82	24.79 -1.02 -1.40	21.34 -0.79 -1.83	17.53 -0.49 -2.07	15.05 -0.36 -2.69
LOCKPORT___CC3 323771	23.18 -0.25 -0.72	20.20 -0.10 -1.02	18.07 -0.03 -1.48	18.09 -0.05 -1.47	16.44 -0.06 -2.11	18.60 -0.13 -3.01	30.21 -0.87 -1.93	35.08 -1.40 -2.43	31.12 -1.09 -2.84	25.89 -0.75 -1.60	23.61 -0.47 -0.66	21.23 -0.64 -0.47	20.70 -0.81 -0.22	19.54 -0.63 -0.52	20.12 -0.72 -0.36	20.12 -0.72 -0.83	23.96 -0.93 -1.16	26.05 -0.98 -3.26	27.59 -0.87 -4.40	26.10 -1.28 -2.82	24.79 -1.02 -1.40	21.34 -0.79 -1.83	17.53 -0.49 -2.07	15.05 -0.36 -2.69
LONG_LAKE_PHOENIX 24014	23.15 -0.05 -0.49	19.95 -0.02 -0.70	17.62 -0.02 -1.01	17.67 0.00 -1.00	15.83 0.00 -1.45	17.73 -0.05 -2.06	30.41 -0.06 -1.32	35.68 -0.03 -1.67	31.28 -0.03 -1.95	26.01 -0.13 -1.10	23.77 -0.09 -0.45	21.55 -0.17 -0.32	21.23 -0.21 -0.15	19.81 -0.20 -0.35	20.52 -0.20 -0.25	20.97 0.50 -0.46	24.47 -0.17 -0.91	26.24 -0.07 -2.55	27.32 -0.17 -3.44	26.47 -0.10 -2.01	25.25 -0.17 -1.00	21.54 -0.06 -1.31	17.38 -0.05 -1.47	14.58 -0.05 -1.92
LOVETT___3 23632	26.77 1.54 -2.52	24.10 1.23 -3.60	22.86 1.05 -5.18	22.87 1.05 -5.15	22.72 0.92 -7.42	27.31 1.02 -10.57	37.93 2.01 -6.77	45.02 2.42 -8.56	41.35 2.00 -9.99	32.42 1.75 -5.62	27.30 1.57 -2.32	24.46 1.41 -1.64	23.46 1.38 -0.78	22.77 1.30 -1.82	23.11 1.35 -1.28	24.26 1.32 -2.94	29.45 1.49 -4.22	37.16 1.52 -11.88	41.56 1.49 -16.02	36.44 1.57 -10.31	31.10 1.56 -5.12	28.21 1.22 -6.70	24.48 0.97 -7.55	23.33 0.80 -9.82
LOVETT___4 23642	26.77 1.54 -2.52	24.10 1.23 -3.60	22.86 1.05 -5.18	22.87 1.05 -5.15	22.72 0.92 -7.42	27.31 1.02 -10.57	37.93 2.01 -6.77	45.02 2.42 -8.56	41.35 2.00 -9.99	32.42 1.75 -5.62	27.30 1.57 -2.32	24.46 1.41 -1.64	23.46 1.38 -0.78	22.77 1.30 -1.82	23.11 1.35 -1.28	24.26 1.32 -2.94	29.45 1.49 -4.22	37.16 1.52 -11.88	41.56 1.49 -16.02	36.44 1.57 -10.31	31.10 1.56 -5.12	28.21 1.22 -6.70	24.48 0.97 -7.55	23.33 0.80 -9.82
LOVETT___5 23593	26.77 1.54 -2.52	24.10 1.23 -3.60	22.86 1.05 -5.18	22.87 1.05 -5.15	22.72 0.92 -7.42	27.31 1.02 -10.57	37.93 2.01 -6.77	45.02 2.42 -8.56	41.35 2.00 -9.99	32.42 1.75 -5.62	27.30 1.57 -2.32	24.46 1.41 -1.64	23.46 1.38 -0.78	22.77 1.30 -1.82	23.11 1.35 -1.28	24.26 1.32 -2.94	29.45 1.49 -4.22	37.16 1.52 -11.88	41.56 1.49 -16.02	36.44 1.57 -10.31	31.10 1.56 -5.12	28.21 1.22 -6.70	24.48 0.97 -7.55	23.33 0.80 -9.82
LOWER RAQUET___HYD 24057	22.27 -0.52 -0.08	18.94 -0.44 -0.12	16.36 -0.43 -0.17	16.42 -0.42 -0.17	7.60 -0.42 6.37	12.07 -0.46 3.19	13.92 -0.73 14.51	16.39 -0.75 16.90	14.22 -0.65 14.49	11.92 -0.65 12.47	22.15 -0.68 0.58	20.88 -0.58 -0.05	20.76 -0.55 -0.03	12.49 -0.53 6.63	15.86 -0.59 4.02	17.15 -0.58 2.27	14.08 -0.66 8.99	14.45 -0.55 8.77	13.81 -0.55 9.69	11.95 -0.52 12.09	11.59 -0.59 12.24	8.12 -0.47 11.71	6.71 -0.40 8.85	6.24 -0.33 6.15
LOWER___HUDSON 24059	27.04 0.88 -3.45	24.98 0.79 -4.92	24.41 0.70 -7.09	24.43 0.72 -7.05	25.13 0.60 -10.15	30.83 0.66 -14.46	39.72 1.31 -9.26	47.31 1.57 -11.70	44.37 1.35 -13.66	33.80 1.08 -7.69	27.62 1.03 -3.17	24.57 0.92 -2.25	23.25 0.89 -1.07	22.94 0.81 -2.49	23.07 0.84 -1.75	24.83 0.84 -3.99	30.48 1.04 -5.70	40.88 1.07 -16.05	46.78 1.08 -21.64	39.62 1.08 -13.98	32.44 1.07 -6.95	30.21 0.83 -9.08	26.86 0.67 -10.24	26.54 0.51 -13.32
LOWVILLE_115KV_TB2 356335	23.22 0.32 -0.20	19.84 0.29 -0.28	17.27 0.23 -0.41	17.36 0.28 -0.41	13.60 0.23 1.01	15.93 0.24 0.02	26.89 0.76 3.02	31.46 0.89 3.47	27.43 0.85 2.78	22.83 0.40 2.61	23.70 0.26 -0.03	21.73 0.19 -0.13	21.46 0.11 -0.06	18.26 0.08 1.47	19.66 0.06 0.88	19.79 0.14 0.35	22.02 0.14 1.85	22.92 0.38 1.22	23.31 0.38 1.13	22.72 0.37 2.20	22.04 0.22 2.60	18.21 0.24 2.33	14.54 0.13 1.54	12.05 0.06 0.73
LUTHERFT_115KV_GLOB_FND_222 355753	27.26 1.04 -3.51	25.20 0.92 -5.01	24.67 0.83 -7.21	24.70 0.87 -7.17	25.45 0.75 -10.32	31.29 0.86 -14.71	40.26 1.69 -9.42	47.93 1.97 -11.91	44.97 1.70 -13.90	34.19 1.33 -7.83	28.00 1.36 -3.23	24.87 1.18 -2.29	23.51 1.13 -1.09	23.18 1.00 -2.53	23.30 1.04 -1.78	25.09 1.00 -4.08	30.86 1.31 -5.83	41.39 1.24 -16.39	47.44 1.27 -22.10	40.05 1.25 -14.25	32.79 1.29 -7.08	30.54 0.99 -9.25	27.18 0.80 -10.43	26.89 0.61 -13.57
LUTHERNY_35_KV_BK2 355980	27.26 1.04 -3.51	25.22 0.94 -5.01	24.69 0.85 -7.21	24.70 0.87 -7.17	25.46 0.76 -10.32	31.30 0.88 -14.71	40.29 1.72 -9.42	47.96 2.01 -11.91	45.00 1.73 -13.90	34.22 1.35 -7.83	28.03 1.38 -3.23	24.87 1.18 -2.29	23.53 1.15 -1.09	23.18 1.00 -2.53	23.30 1.04 -1.78	25.11 1.02 -4.08	30.88 1.33 -5.83	41.41 1.26 -16.39	47.46 1.30 -22.10	40.08 1.28 -14.25	32.81 1.32 -7.08	30.56 1.01 -9.25	27.20 0.81 -10.43	26.90 0.62 -13.57
LWR___OSWEGATCHIE_HYD 23850	22.65 -0.20 -0.15	19.33 -0.15 -0.22	16.77 -0.17 -0.31	16.84 -0.13 -0.31	10.29 -0.16 3.93	13.85 -0.16 1.71	19.72 -0.09 9.34	23.11 -0.07 10.86	20.12 -0.03 9.21	16.80 -0.20 8.04	22.84 -0.28 0.30	21.25 -0.26 -0.10	21.04 -0.30 -0.05	15.04 -0.29 4.32	17.51 -0.35 2.61	18.32 -0.28 1.40	17.60 -0.36 5.77	18.25 -0.21 5.30	18.18 -0.14 5.73	16.71 -0.22 7.62	16.23 -0.27 7.92	12.57 -0.22 7.50	10.18 -0.22 5.55	8.83 -0.20 3.68
LYONS_FALL_HYD 23570	23.30 0.41 -0.18	19.89 0.37 -0.26	17.31 0.32 -0.37	17.39 0.35 -0.37	14.33 0.29 0.34	16.29 0.28 -0.29	28.50 0.82 1.46	33.40 1.02 1.66	29.03 0.91 1.24	24.27 0.50 1.27	23.87 0.37 -0.08	21.80 0.28 -0.12	21.56 0.21 -0.06	19.07 0.18 0.75	20.19 0.16 0.45	20.12 0.22 0.10	23.08 0.26 0.92	23.85 0.48 0.39	24.30 0.48 0.24	24.15 0.44 0.85	23.49 0.32 1.25	19.60 0.32 1.02	15.62 0.19 0.53	12.84 0.13 0.00
MADISON___COUNTY_LFGE 323628	23.78 0.79 -0.28	20.36 0.69 -0.40	17.80 0.60 -0.57	17.85 0.62 -0.57	15.73 0.53 -0.82	17.43 0.55 -1.17	31.18 1.28 -0.75	36.62 1.63 -0.94	31.84 1.38 -1.10	26.56 0.90 -0.62	24.47 0.80 -0.26	22.25 0.66 -0.18	21.93 0.55 -0.09	20.34 0.49 -0.20	21.11 0.49 -0.14	20.85 0.52 -0.32	24.87 0.66 -0.47	25.97 0.88 -1.33	26.67 0.82 -1.79	26.38 0.74 -1.08	25.54 0.59 -0.54	21.55 0.55 -0.70	17.15 0.40 -0.79	14.06 0.32 -1.03

MALONE___115KV_TB1 356076	22.19 -0.52 0.00	18.77 -0.50 0.00	16.11 -0.52 0.00	16.15 -0.52 0.00	6.18 -0.49 7.71	11.13 -0.46 4.12	10.98 -0.99 17.18	12.91 -1.09 20.04	11.14 -0.94 17.29	9.53 -0.75 14.76	21.95 -0.70 0.77	20.76 -0.64 0.00	20.69 -0.60 0.00	11.22 -0.63 7.80	15.08 -0.66 4.74	16.56 -0.68 2.77	12.38 -0.71 10.64	12.40 -0.69 10.67	11.53 -0.63 11.90	9.24 -0.81 14.50	9.06 -0.88 14.48	7.52 -0.79 11.99	9.19 -0.65 6.11	9.21 -0.55 2.96
MAPLEWOD_115KV_TB3 80458	26.90 0.77 -3.42	24.90 0.75 -4.88	24.32 0.67 -7.03	24.32 0.67 -6.98	25.00 0.56 -10.06	30.61 0.57 -14.33	39.44 1.11 -9.17	47.04 1.40 -11.61	44.14 1.23 -13.54	33.64 0.98 -7.63	27.45 0.89 -3.15	24.42 0.79 -2.23	23.14 0.79 -1.06	22.84 0.73 -2.47	22.97 0.76 -1.74	24.72 0.74 -3.98	30.30 0.88 -5.69	40.70 0.93 -16.01	46.58 0.94 -21.59	39.43 0.96 -13.91	32.28 0.95 -6.92	30.11 0.77 -9.04	26.73 0.59 -10.19	26.42 0.46 -13.25
MAPLE_RIDGE_WT_1 323574	21.53 -1.18 0.00	18.23 -1.04 0.00	15.70 -0.93 0.00	15.72 -0.95 0.00	1.19 -0.85 12.35	8.18 -0.93 6.61	0.00 -1.63 27.52	0.00 -1.94 32.10	0.00 -1.67 27.69	0.00 -1.40 23.64	20.88 -1.31 1.23	20.27 -1.14 0.00	20.21 -1.09 0.00	6.13 -1.02 12.50	11.84 -1.04 7.60	14.56 -1.02 4.42	5.45 -1.23 17.04	5.36 -1.31 17.09	3.68 -1.32 19.05	0.00 -1.33 23.23	0.00 -1.22 23.20	-4.16 -1.03 23.42	-4.46 -0.83 19.58	-2.67 -0.65 14.74
MAPLE_RIDGE_WT_2 323611	21.53 -1.18 0.00	18.23 -1.04 0.00	15.70 -0.93 0.00	15.72 -0.95 0.00	1.19 -0.85 12.35	8.18 -0.93 6.61	0.00 -1.63 27.52	0.00 -1.94 32.10	0.00 -1.67 27.69	0.00 -1.40 23.64	20.88 -1.31 1.23	20.27 -1.14 0.00	20.21 -1.09 0.00	6.13 -1.02 12.50	11.84 -1.04 7.60	14.56 -1.02 4.42	5.45 -1.23 17.04	5.36 -1.31 17.09	3.68 -1.32 19.05	0.00 -1.33 23.23	0.00 -1.22 23.20	-4.16 -1.03 23.42	-4.46 -0.83 19.58	-2.67 -0.65 14.74
MARBLE_RIVER_WT_PWR 323696	22.03 -0.68 0.00	18.61 -0.66 0.00	15.98 -0.65 0.00	16.00 -0.67 0.00	5.53 -0.62 8.23	10.72 -0.58 4.41	9.40 -1.40 18.36	11.06 -1.57 21.41	9.48 -1.41 18.47	8.17 -1.10 15.77	21.61 -0.98 0.82	20.51 -0.90 0.00	20.53 -0.77 0.00	10.49 -0.82 8.33	14.57 -0.84 5.07	16.19 -0.86 2.95	11.43 -0.93 11.37	11.39 -0.98 11.40	10.34 -1.01 12.71	7.83 -1.23 15.49	7.63 -1.32 15.47	-0.36 -1.18 19.48	-7.00 -0.96 22.00	-7.00 -0.76 18.95
MARSHVLE_115KV_TB1 80742	27.97 0.95 -4.30	26.25 0.85 -6.14	26.17 0.70 -8.84	26.21 0.75 -8.79	27.70 0.66 -12.65	34.65 0.90 -18.04	42.53 1.84 -11.55	50.72 2.08 -14.60	48.11 1.70 -17.04	35.86 1.23 -9.60	28.38 1.01 -3.96	24.93 0.73 -2.80	23.26 0.64 -1.34	23.34 0.59 -3.10	23.30 0.63 -2.18	25.69 0.68 -5.01	31.92 1.02 -7.17	45.14 1.21 -20.17	52.60 1.35 -27.20	43.36 1.28 -17.52	34.47 1.34 -8.71	32.73 1.06 -11.38	29.52 0.73 -12.83	29.92 0.52 -16.69
MARSH_HILL_WT_PWR 323713	24.00 0.43 -0.87	20.95 0.44 -1.23	18.80 0.40 -1.78	18.84 0.40 -1.77	17.27 0.34 -2.55	19.64 0.30 -3.63	31.65 0.18 -2.32	37.01 -0.03 -3.00	32.83 -0.03 -3.50	27.09 0.08 -1.97	24.46 0.23 -0.81	21.91 -0.06 -0.58	21.33 -0.23 -0.27	20.11 -0.18 -0.64	20.72 -0.20 -0.45	20.90 -0.14 -1.03	24.96 -0.19 -1.42	27.53 -0.24 -4.01	29.36 -0.10 -5.40	27.59 -0.44 -3.47	25.82 -0.32 -1.73	22.25 -0.30 -2.26	18.31 -0.19 -2.54	15.87 -0.15 -3.31
MCINTYRE_115KV_TB2 80467	22.53 -0.25 -0.07	19.18 -0.19 -0.10	16.56 -0.22 -0.15	16.63 -0.18 -0.14	7.40 -0.20 6.78	12.07 -0.20 3.44	13.57 -0.20 15.38	16.02 -0.10 17.92	13.83 -0.15 15.38	11.57 -0.25 13.21	22.43 -0.35 0.63	21.19 -0.26 -0.05	21.04 -0.28 -0.02	12.36 -0.28 7.02	15.91 -0.31 4.26	17.24 -0.34 2.43	13.90 -0.31 9.52	14.25 -0.19 9.32	13.68 -0.07 10.30	11.57 -0.12 12.86	11.29 -0.15 12.98	7.55 -0.14 12.60	6.02 -0.14 9.79	5.62 -0.13 6.97
MECO___69_KV_BK1 80468	28.39 1.59 -4.09	26.53 1.43 -5.83	26.21 1.18 -8.40	26.27 1.25 -8.35	27.50 1.09 -12.03	34.06 1.21 -17.14	43.01 2.89 -10.97	51.36 3.44 -13.88	48.59 3.02 -16.20	36.04 1.88 -9.12	28.72 1.55 -3.76	25.22 1.16 -2.66	23.62 1.06 -1.27	23.56 0.96 -2.95	23.58 1.02 -2.08	25.88 1.12 -4.76	32.20 1.66 -6.81	45.09 2.16 -19.16	51.89 2.00 -25.84	43.41 2.21 -16.65	34.72 2.03 -8.27	32.88 1.77 -10.81	29.39 1.24 -12.19	29.46 0.89 -15.85
MENANDS_115KV_TB5 355628	26.78 0.66 -3.41	24.81 0.67 -4.87	24.24 0.60 -7.01	24.24 0.60 -6.97	24.92 0.50 -10.04	30.50 0.49 -14.30	39.24 0.93 -9.16	46.85 1.23 -11.58	43.94 1.06 -13.52	33.50 0.85 -7.61	27.33 0.77 -3.14	24.33 0.71 -2.22	23.05 0.70 -1.06	22.78 0.67 -2.46	22.90 0.70 -1.73	24.63 0.66 -3.97	30.17 0.76 -5.68	40.55 0.81 -15.98	46.40 0.79 -21.55	39.25 0.81 -13.88	32.12 0.81 -6.90	29.96 0.65 -9.02	26.63 0.51 -10.16	26.33 0.39 -13.22
MG INDUSTRY___DRP 24185	26.85 0.82 -3.33	24.78 0.77 -4.74	24.14 0.68 -6.83	24.14 0.68 -6.79	24.74 0.58 -9.78	30.25 0.60 -13.94	39.24 1.17 -8.92	46.66 1.33 -11.29	43.68 1.15 -13.17	33.36 0.90 -7.42	27.30 0.82 -3.06	24.30 0.73 -2.17	23.03 0.70 -1.03	22.72 0.67 -2.40	22.86 0.70 -1.69	24.56 0.68 -3.87	30.09 0.81 -5.55	40.25 0.88 -15.61	46.00 0.89 -21.05	39.01 0.88 -13.57	32.06 0.90 -6.74	29.82 0.71 -8.81	26.43 0.54 -9.93	26.06 0.43 -12.92
MID___OSWEGATCHIE_HYD 23849	22.65 -0.20 -0.15	19.33 -0.15 -0.22	16.77 -0.17 -0.31	16.84 -0.13 -0.31	10.29 -0.16 3.93	13.85 -0.16 1.71	19.72 -0.09 9.34	23.11 -0.07 10.86	20.12 -0.03 9.21	16.80 -0.20 8.04	22.84 -0.28 0.30	21.25 -0.26 -0.10	21.04 -0.30 -0.05	15.04 -0.29 4.32	17.51 -0.35 2.61	18.32 -0.28 1.40	17.60 -0.36 5.77	18.25 -0.21 5.30	18.18 -0.14 5.73	16.71 -0.22 7.62	16.23 -0.27 7.92	12.57 -0.22 7.50	10.18 -0.22 5.55	8.83 -0.20 3.68
MID___RAQUETTE_HYD 23851	22.27 -0.52 -0.08	18.94 -0.44 -0.12	16.36 -0.43 -0.17	16.42 -0.42 -0.17	7.60 -0.42 6.37	12.07 -0.46 3.19	13.92 -0.73 14.51	16.39 -0.75 16.90	14.22 -0.65 14.49	11.92 -0.65 12.47	22.15 -0.68 0.58	20.90 -0.56 -0.05	20.76 -0.55 -0.03	12.49 -0.53 6.63	15.86 -0.59 4.02	17.15 -0.58 2.28	14.11 -0.64 8.98	14.48 -0.55 8.74	13.93 -0.48 9.64	11.91 -0.54 12.10	11.58 -0.59 12.25	8.10 -0.47 11.73	6.70 -0.40 8.86	6.22 -0.33 6.17
MILLIKEN___1 23584	24.43 0.86 -0.86	21.26 0.77 -1.22	19.05 0.67 -1.76	19.09 0.67 -1.75	17.51 0.60 -2.52	19.94 0.63 -3.60	32.71 1.25 -2.30	38.42 1.46 -2.91	33.97 1.20 -3.40	27.86 0.90 -1.91	25.07 0.87 -0.79	22.58 0.62 -0.56	22.09 0.53 -0.27	20.74 0.47 -0.62	21.49 0.57 -0.44	21.76 0.76 -1.00	25.78 0.62 -1.43	28.53 0.74 -4.04	30.20 0.70 -5.44	28.61 0.71 -3.34	26.71 0.63 -1.66	23.01 0.55 -2.17	18.81 0.41 -2.44	16.20 0.31 -3.18
MILLIKEN___2 23585	24.43 0.86 -0.86	21.26 0.77 -1.22	19.05 0.67 -1.76	19.09 0.67 -1.75	17.51 0.60 -2.52	19.94 0.63 -3.60	32.71 1.25 -2.30	38.42 1.46 -2.91	33.97 1.20 -3.40	27.86 0.90 -1.91	25.07 0.87 -0.79	22.58 0.62 -0.56	22.09 0.53 -0.27	20.74 0.47 -0.62	21.49 0.57 -0.44	21.76 0.76 -1.00	25.78 0.62 -1.43	28.53 0.74 -4.04	30.20 0.70 -5.44	28.61 0.71 -3.34	26.71 0.63 -1.66	23.01 0.55 -2.17	18.81 0.41 -2.44	16.20 0.31 -3.18

MILLIKEN___DIESEL 23629	24.43 0.86 -0.86	21.26 0.77 -1.22	19.05 0.67 -1.76	19.09 0.67 -1.75	17.51 0.60 -2.52	19.94 0.63 -3.60	32.71 1.25 -2.30	38.42 1.46 -2.91	33.97 1.20 -3.40	27.86 0.90 -1.91	25.07 0.87 -0.79	22.58 0.62 -0.56	22.09 0.53 -0.27	20.74 0.47 -0.62	21.49 0.57 -0.44	21.76 0.76 -1.00	25.78 0.62 -1.43	28.53 0.74 -4.04	30.20 0.70 -5.44	28.61 0.71 -3.34	26.71 0.63 -1.66	23.01 0.55 -2.17	18.81 0.41 -2.44	16.20 0.31 -3.18
MILLSEAT___LFGE 323607	23.46 0.05 -0.71	20.41 0.14 -1.01	18.26 0.18 -1.45	18.27 0.17 -1.44	16.57 0.11 -2.07	18.73 0.06 -2.95	30.66 -0.38 -1.89	35.75 -0.68 -2.39	31.68 -0.47 -2.79	26.36 -0.25 -1.57	24.04 -0.02 -0.65	21.58 -0.28 -0.46	21.06 -0.45 -0.22	19.84 -0.32 -0.51	20.47 -0.37 -0.36	20.46 -0.50 -0.82	24.37 -0.50 -1.14	26.41 -0.55 -3.20	27.98 -0.39 -4.31	26.56 -0.76 -2.77	25.23 -0.56 -1.38	21.65 -0.45 -1.80	17.74 -0.24 -2.03	15.17 -0.18 -2.63
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	27.13 1.68 -2.74	24.50 1.33 -3.91	23.40 1.15 -5.63	23.39 1.13 -5.59	23.43 0.99 -8.05	28.31 1.12 -11.48	38.66 2.16 -7.35	45.89 2.55 -9.29	42.38 2.17 -10.85	33.10 1.95 -6.11	27.67 1.73 -2.52	24.77 1.58 -1.78	23.72 1.58 -0.85	23.08 1.45 -1.97	23.38 1.52 -1.39	24.69 1.50 -3.19	30.00 1.68 -4.58	38.32 1.66 -12.90	43.08 1.64 -17.39	37.47 1.72 -11.19	31.69 1.71 -5.56	28.89 1.32 -7.27	25.20 1.05 -8.19	24.24 0.86 -10.66
MILLWOOD_13_KV_LOAD 356217	27.17 1.73 -2.74	24.56 1.39 -3.91	23.43 1.18 -5.63	23.43 1.17 -5.59	23.44 1.01 -8.05	28.34 1.15 -11.48	38.72 2.22 -7.35	45.96 2.62 -9.29	42.47 2.26 -10.85	33.20 2.05 -6.11	27.71 1.78 -2.52	24.81 1.63 -1.78	23.72 1.58 -0.85	23.10 1.47 -1.97	23.38 1.52 -1.39	24.71 1.52 -3.19	30.02 1.71 -4.58	38.39 1.73 -12.90	43.13 1.68 -17.39	37.52 1.77 -11.19	31.74 1.76 -5.56	28.93 1.36 -7.27	25.22 1.07 -8.19	24.26 0.89 -10.66
MODEL_CITY_ENERGY 24167	22.93 -0.50 -0.72	20.01 -0.29 -1.03	17.91 -0.20 -1.48	17.91 -0.23 -1.47	16.30 -0.20 -2.12	18.46 -0.28 -3.03	29.92 -1.17 -1.94	34.71 -1.77 -2.44	30.78 -1.44 -2.85	25.62 -1.03 -1.61	23.38 -0.70 -0.66	20.99 -0.88 -0.47	20.49 -1.02 -0.22	19.35 -0.82 -0.52	19.92 -0.92 -0.37	19.92 -0.92 -0.84	23.73 -1.16 -1.16	25.80 -1.24 -3.28	27.34 -1.13 -4.42	25.85 -1.55 -2.84	24.55 -1.27 -1.41	21.17 -0.97 -1.84	17.38 -0.65 -2.08	14.95 -0.47 -2.70
MODERN_LFGE___ 323580	22.93 -0.50 -0.72	20.01 -0.29 -1.03	17.91 -0.20 -1.48	17.91 -0.23 -1.47	16.30 -0.20 -2.12	18.46 -0.28 -3.03	29.92 -1.17 -1.94	34.71 -1.77 -2.44	30.78 -1.44 -2.85	25.62 -1.03 -1.61	23.38 -0.70 -0.66	20.99 -0.88 -0.47	20.49 -1.02 -0.22	19.35 -0.82 -0.52	19.92 -0.92 -0.37	19.92 -0.92 -0.84	23.73 -1.16 -1.16	25.80 -1.24 -3.28	27.34 -1.13 -4.42	25.85 -1.55 -2.84	24.55 -1.27 -1.41	21.17 -0.97 -1.84	17.38 -0.65 -2.08	14.95 -0.47 -2.70
MOHAWK_PAPER___DRP 24187	26.90 0.77 -3.42	24.90 0.75 -4.88	24.32 0.67 -7.03	24.32 0.67 -6.98	25.00 0.56 -10.06	30.61 0.57 -14.33	39.44 1.11 -9.17	47.04 1.40 -11.61	44.14 1.23 -13.54	33.64 0.98 -7.63	27.45 0.89 -3.15	24.42 0.79 -2.23	23.14 0.79 -1.06	22.84 0.73 -2.47	22.97 0.76 -1.74	24.72 0.74 -3.98	30.30 0.88 -5.69	40.70 0.93 -16.01	46.58 0.94 -21.59	39.43 0.96 -13.91	32.28 0.95 -6.92	30.11 0.77 -9.04	26.73 0.59 -10.19	26.42 0.46 -13.25
MOHICAN___35_KV_115KV_LD 80490	27.06 0.84 -3.51	25.05 0.77 -5.01	24.61 0.76 -7.22	24.66 0.82 -7.17	25.42 0.70 -10.33	31.30 0.86 -14.72	40.30 1.72 -9.42	47.97 2.01 -11.92	45.01 1.73 -13.91	34.18 1.30 -7.83	28.24 1.59 -3.23	25.08 1.39 -2.29	23.70 1.32 -1.09	23.27 1.08 -2.53	23.39 1.13 -1.78	25.09 1.00 -4.09	30.91 1.35 -5.83	41.22 1.05 -16.41	47.29 1.11 -22.13	39.87 1.06 -14.26	32.65 1.15 -7.09	30.37 0.81 -9.26	27.14 0.75 -10.44	26.84 0.55 -13.58
MONGAUP___HYD 23641	26.62 1.50 -2.41	23.90 1.20 -3.44	22.59 1.01 -4.95	22.59 1.00 -4.92	22.34 0.88 -7.08	26.75 0.94 -10.10	37.57 1.95 -6.46	44.50 2.28 -8.18	40.81 1.91 -9.54	31.97 1.55 -5.37	26.99 1.36 -2.22	24.15 1.18 -1.57	23.19 1.15 -0.75	22.45 1.06 -1.74	22.82 1.13 -1.22	23.93 1.12 -2.81	29.04 1.30 -4.01	36.42 1.38 -11.29	40.76 1.49 -15.22	35.84 1.45 -9.83	30.77 1.46 -4.89	27.84 1.16 -6.39	24.01 0.86 -7.20	22.80 0.72 -9.36
MONTAUK___DIESEL 23721	29.49 4.02 -2.76	27.29 3.62 -4.40	25.76 3.08 -6.06	25.33 3.03 -5.63	27.08 2.67 -10.03	36.56 2.89 -17.95	45.91 6.21 -10.54	56.33 7.18 -15.10	48.05 6.23 -12.47	37.31 4.93 -7.34	35.28 4.54 -7.32	30.38 4.09 -4.89	26.82 4.19 -1.34	28.15 3.95 -4.55	29.43 4.20 -4.76	32.51 4.00 -8.50	38.23 4.77 -9.73	44.59 4.89 -15.93	50.64 4.86 -21.72	48.41 4.96 -18.90	40.09 4.81 -10.87	37.74 3.71 -13.73	35.13 2.95 -16.23	31.56 2.39 -16.46
MOONROAD_115KV_HARTFLD_TB1-2 355988	23.17 -0.32 -0.78	20.19 -0.19 -1.11	18.15 -0.08 -1.60	18.11 -0.15 -1.59	16.53 -0.14 -2.30	18.88 -0.11 -3.27	30.64 -0.61 -2.10	35.82 -0.85 -2.63	31.72 -0.70 -3.07	26.16 -0.60 -1.73	23.78 -0.35 -0.71	21.27 -0.64 -0.50	20.76 -0.77 -0.24	19.58 -0.63 -0.56	20.11 -0.76 -0.39	20.18 -0.72 -0.90	24.03 -1.00 -1.29	26.38 -1.02 -3.64	27.86 -1.11 -4.91	26.42 -1.20 -3.07	24.94 -1.00 -1.53	21.42 -0.87 -2.00	17.64 -0.56 -2.25	15.25 -0.39 -2.92
MORTIMER_115KV_TB3 55949	23.52 0.16 -0.65	20.39 0.19 -0.93	18.18 0.22 -1.34	18.20 0.20 -1.33	16.46 0.16 -1.92	18.61 0.16 -2.74	30.85 -0.06 -1.75	36.09 -0.17 -2.22	31.92 -0.03 -2.59	26.62 0.13 -1.46	24.32 0.30 -0.60	21.87 0.04 -0.43	21.43 -0.06 -0.20	20.10 -0.02 -0.47	20.75 -0.06 -0.33	20.72 -0.04 -0.76	24.70 -0.12 -1.09	26.68 -0.14 -3.06	27.99 -0.19 -4.13	26.92 -0.22 -2.58	25.50 -0.20 -1.28	21.83 -0.14 -1.68	17.80 -0.05 -1.89	15.15 -0.03 -2.46
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	27.28 1.82 -2.76	24.65 1.45 -3.93	23.52 1.23 -5.67	23.52 1.22 -5.63	23.56 1.06 -8.11	28.48 1.21 -11.56	38.86 2.30 -7.40	46.09 2.69 -9.36	42.58 2.29 -10.92	33.32 2.13 -6.15	27.87 1.92 -2.54	24.98 1.78 -1.80	23.89 1.75 -0.86	23.27 1.63 -1.99	23.56 1.68 -1.40	24.87 1.66 -3.21	30.20 1.85 -4.62	38.56 1.81 -12.99	43.28 1.71 -17.52	37.65 1.82 -11.27	31.85 1.83 -5.60	29.04 1.42 -7.32	25.36 1.15 -8.25	24.42 0.97 -10.74
MUNSVILLE_WIND_PWR 323609	25.61 1.79 -1.11	22.41 1.56 -1.58	20.23 1.33 -2.28	20.32 1.38 -2.26	18.82 1.18 -3.26	21.65 1.29 -4.65	34.99 2.86 -2.97	40.12 2.32 -3.77	35.58 1.82 -4.39	28.72 1.20 -2.47	25.44 1.01 -1.02	22.85 0.73 -0.72	22.21 0.58 -0.34	20.98 0.53 -0.80	21.63 0.59 -0.56	22.56 1.26 -1.30	27.09 1.57 -1.80	30.69 1.88 -5.05	32.79 1.93 -6.81	30.69 1.74 -4.39	28.18 1.59 -2.18	24.43 1.28 -2.85	20.13 0.96 -3.21	17.63 0.74 -4.18
N SALMON___HYD 24042	22.19 -0.52 0.00	18.77 -0.50 0.00	16.11 -0.52 0.00	16.15 -0.52 0.00	6.18 -0.49 7.71	11.13 -0.46 4.12	10.98 -0.99 17.18	12.91 -1.09 20.04	11.13 -0.94 17.29	9.53 -0.75 14.76	21.95 -0.70 0.77	20.74 -0.66 0.00	20.69 -0.60 0.00	11.22 -0.63 7.80	15.08 -0.66 4.74	16.56 -0.68 2.77	12.38 -0.71 10.64	12.40 -0.69 10.67	11.49 -0.67 11.90	9.27 -0.79 14.50	9.06 -0.88 14.48	7.52 -0.79 6.11	9.19 -0.65 6.11	9.22 -0.53 2.96

N.AKRON__115KV_KNAPP 355671	23.46 0.05 -0.71	20.43 0.15 -1.01	18.28 0.20 -1.45	18.28 0.17 -1.44	16.58 0.12 -2.08	18.74 0.06 -2.96	30.70 -0.35 -1.90	35.76 -0.68 -2.40	31.69 -0.47 -2.80	26.36 -0.25 -1.57	24.04 -0.02 -0.65	21.56 -0.30 -0.46	21.06 -0.45 -0.22	19.83 -0.33 -0.51	20.45 -0.39 -0.36	20.44 -0.38 -0.82	24.36 -0.55 -1.18	26.53 -0.55 -3.32	27.83 -0.70 -4.47	26.69 -0.66 -2.80	25.22 -0.59 -1.39	21.67 -0.45 -1.82	17.76 -0.24 -2.05	15.24 -0.14 -2.66
N.BELMOR_69_KV_BK1 55787	27.69 2.23 -2.76	25.50 1.83 -4.40	24.24 1.56 -6.05	23.83 1.53 -5.63	25.76 1.35 -10.02	35.20 1.54 -17.95	42.61 2.92 -10.54	52.58 3.44 -15.10	44.73 2.91 -12.46	35.03 2.65 -7.34	33.17 2.44 -7.32	28.50 2.20 -4.89	24.80 2.17 -1.34	26.22 2.02 -4.55	27.34 2.11 -4.75	30.58 2.08 -8.50	35.85 2.40 -9.73	42.02 2.33 -15.93	48.08 2.31 -21.71	45.85 2.41 -18.89	37.69 2.42 -10.86	35.91 1.89 -13.72	33.66 1.48 -16.22	30.38 1.21 -16.45
N.E_GEN_SANDY PD 24062	26.98 1.20 -3.07	24.66 1.02 -4.37	23.81 0.88 -6.30	23.80 0.87 -6.26	24.16 0.76 -9.02	29.40 0.83 -12.85	38.98 1.60 -8.23	46.32 1.87 -10.41	43.40 1.61 -12.42	33.00 1.40 -6.56	27.50 1.26 -2.82	24.53 1.13 -2.00	23.37 1.13 -0.95	22.90 1.04 -2.21	23.12 1.08 -1.56	24.67 1.06 -3.61	30.14 1.26 -5.16	39.55 1.28 -14.51	44.91 1.30 -19.56	38.49 1.30 -12.64	31.97 1.27 -6.28	29.50 0.99 -8.21	25.99 0.78 -9.25	25.38 0.64 -12.03
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	26.82 1.59 -2.52	24.14 1.27 -3.60	22.89 1.08 -5.18	22.88 1.07 -5.15	22.73 0.93 -7.41	27.31 1.04 -10.57	37.99 2.07 -6.76	45.08 2.49 -8.55	41.40 2.06 -9.98	32.46 1.80 -5.62	27.33 1.59 -2.32	24.48 1.43 -1.64	23.48 1.41 -0.78	22.79 1.32 -1.82	23.11 1.35 -1.28	24.30 1.36 -2.93	29.47 1.52 -4.22	37.20 1.57 -11.87	41.60 1.54 -16.01	36.48 1.62 -10.30	31.12 1.59 -5.12	28.23 1.24 -6.69	24.49 0.99 -7.54	23.34 0.81 -9.81
N.QUEENS_27_KV_LOAD 356247	27.42 1.95 -2.76	24.80 1.60 -3.93	23.67 1.38 -5.67	23.67 1.37 -5.63	23.68 1.19 -8.11	28.64 1.37 -11.56	38.74 2.19 -7.40	45.75 2.35 -9.36	42.31 2.03 -10.92	33.32 2.13 -6.15	27.87 1.92 -2.54	25.06 1.86 -1.80	23.98 1.83 -0.86	23.31 1.67 -1.99	23.62 1.74 -1.40	24.95 1.74 -3.21	30.24 1.90 -4.62	38.53 1.78 -12.99	43.21 1.64 -17.52	37.60 1.77 -11.27	31.75 1.73 -5.60	29.00 1.38 -7.32	25.60 1.39 -8.25	24.56 1.11 -10.74
N.TROY___115KV_TB1 355778	27.04 0.89 -3.45	24.98 0.79 -4.92	24.41 0.70 -7.09	24.43 0.72 -7.05	25.13 0.60 -10.15	30.83 0.66 -14.46	39.72 1.31 -9.26	47.32 1.57 -11.71	44.38 1.35 -13.66	33.81 1.08 -7.69	27.62 1.03 -3.18	24.55 0.90 -2.25	23.26 0.89 -1.07	22.94 0.81 -2.49	23.07 0.84 -1.75	24.86 0.84 -4.01	30.50 1.04 -5.72	40.93 1.07 -16.10	46.82 1.06 -21.71	39.62 1.08 -13.99	32.44 1.07 -6.95	30.22 0.83 -9.09	26.87 0.67 -10.24	26.56 0.52 -13.32
NARROWS_GT1_1 24228	27.59 2.11 -2.77	24.87 1.66 -3.94	23.71 1.41 -5.67	23.71 1.40 -5.64	23.72 1.22 -8.12	28.65 1.37 -11.57	38.91 2.36 -7.40	45.95 2.55 -9.35	42.49 2.20 -10.92	33.42 2.23 -6.15	27.92 1.97 -2.54	25.04 1.84 -1.80	23.96 1.81 -0.86	23.29 1.65 -1.99	23.62 1.74 -1.40	24.94 1.72 -3.22	30.32 1.99 -4.60	38.60 1.90 -12.93	43.35 1.85 -17.44	37.71 1.89 -11.27	31.80 1.78 -5.60	29.08 1.46 -7.32	25.50 1.29 -8.26	24.55 1.09 -10.74
NARROWS_GT1_2 24229	27.59 2.11 -2.77	24.87 1.66 -3.94	23.71 1.41 -5.67	23.71 1.40 -5.64	23.72 1.22 -8.12	28.65 1.37 -11.57	38.91 2.36 -7.40	45.95 2.55 -9.35	42.49 2.20 -10.92	33.42 2.23 -6.15	27.92 1.97 -2.54	25.04 1.84 -1.80	23.96 1.81 -0.86	23.29 1.65 -1.99	23.62 1.74 -1.40	24.94 1.72 -3.22	30.32 1.99 -4.60	38.60 1.90 -12.93	43.35 1.85 -17.44	37.71 1.89 -11.27	31.80 1.78 -5.60	29.08 1.46 -7.32	25.50 1.29 -8.26	24.55 1.09 -10.74
NARROWS_GT1_3 24230	27.59 2.11 -2.77	24.87 1.66 -3.94	23.71 1.41 -5.67	23.71 1.40 -5.64	23.72 1.22 -8.12	28.65 1.37 -11.57	38.91 2.36 -7.40	45.95 2.55 -9.35	42.49 2.20 -10.92	33.42 2.23 -6.15	27.92 1.97 -2.54	25.04 1.84 -1.80	23.96 1.81 -0.86	23.29 1.65 -1.99	23.62 1.74 -1.40	24.94 1.72 -3.22	30.32 1.99 -4.60	38.60 1.90 -12.93	43.35 1.85 -17.44	37.71 1.89 -11.27	31.80 1.78 -5.60	29.08 1.46 -7.32	25.50 1.29 -8.26	24.55 1.09 -10.74
NARROWS_GT1_4 24231	27.59 2.11 -2.77	24.87 1.66 -3.94	23.71 1.41 -5.67	23.71 1.40 -5.64	23.72 1.22 -8.12	28.65 1.37 -11.57	38.91 2.36 -7.40	45.95 2.55 -9.35	42.49 2.20 -10.92	33.42 2.23 -6.15	27.92 1.97 -2.54	25.04 1.84 -1.80	23.96 1.81 -0.86	23.29 1.65 -1.99	23.62 1.74 -1.40	24.94 1.72 -3.22	30.32 1.99 -4.60	38.60 1.90 -12.93	43.35 1.85 -17.44	37.71 1.89 -11.27	31.80 1.78 -5.60	29.08 1.46 -7.32	25.50 1.29 -8.26	24.55 1.09 -10.74
NARROWS_GT1_5 24232	27.59 2.11 -2.77	24.87 1.66 -3.94	23.71 1.41 -5.67	23.71 1.40 -5.64	23.72 1.22 -8.12	28.65 1.37 -11.57	38.91 2.36 -7.40	45.95 2.55 -9.35	42.49 2.20 -10.92	33.42 2.23 -6.15	27.92 1.97 -2.54	25.04 1.84 -1.80	23.96 1.81 -0.86	23.29 1.65 -1.99	23.62 1.74 -1.40	24.94 1.72 -3.22	30.32 1.99 -4.60	38.60 1.90 -12.93	43.35 1.85 -17.44	37.71 1.89 -11.27	31.80 1.78 -5.60	29.08 1.46 -7.32	25.50 1.29 -8.26	24.55 1.09 -10.74
NARROWS_GT1_6 24233	27.59 2.11 -2.77	24.87 1.66 -3.94	23.71 1.41 -5.67	23.71 1.40 -5.64	23.72 1.22 -8.12	28.65 1.37 -11.57	38.91 2.36 -7.40	45.95 2.55 -9.35	42.49 2.20 -10.92	33.42 2.23 -6.15	27.92 1.97 -2.54	25.04 1.84 -1.80	23.96 1.81 -0.86	23.29 1.65 -1.99	23.62 1.74 -1.40	24.94 1.72 -3.22	30.32 1.99 -4.60	38.60 1.90 -12.93	43.35 1.85 -17.44	37.71 1.89 -11.27	31.80 1.78 -5.60	29.08 1.46 -7.32	25.50 1.29 -8.26	24.55 1.09 -10.74
NARROWS_GT1_7 24234	27.59 2.11 -2.77	24.87 1.66 -3.94	23.71 1.41 -5.67	23.71 1.40 -5.64	23.72 1.22 -8.12	28.65 1.37 -11.57	38.91 2.36 -7.40	45.95 2.55 -9.35	42.49 2.20 -10.92	33.42 2.23 -6.15	27.92 1.97 -2.54	25.04 1.84 -1.80	23.96 1.81 -0.86	23.29 1.65 -1.99	23.62 1.74 -1.40	24.94 1.72 -3.22	30.32 1.99 -4.60	38.60 1.90 -12.93	43.35 1.85 -17.44	37.71 1.89 -11.27	31.80 1.78 -5.60	29.08 1.46 -7.32	25.50 1.29 -8.26	24.55 1.09 -10.74
NARROWS_GT1_8 24235	27.59 2.11 -2.77	24.87 1.66 -3.94	23.71 1.41 -5.67	23.71 1.40 -5.64	23.72 1.22 -8.12	28.65 1.37 -11.57	38.91 2.36 -7.40	45.95 2.55 -9.35	42.49 2.20 -10.92	33.42 2.23 -6.15	27.92 1.97 -2.54	25.04 1.84 -1.80	23.96 1.81 -0.86	23.29 1.65 -1.99	23.62 1.74 -1.40	24.94 1.72 -3.22	30.32 1.99 -4.60	38.60 1.90 -12.93	43.35 1.85 -17.44	37.71 1.89 -11.27	31.80 1.78 -5.60	29.08 1.46 -7.32	25.50 1.29 -8.26	24.55 1.09 -10.74
NARROWS_GT2_1 24236	27.59 2.11 -2.77	24.87 1.66 -3.94	23.71 1.41 -5.67	23.71 1.40 -5.64	23.72 1.22 -8.12	28.65 1.37 -11.57	38.91 2.36 -7.40	45.95 2.55 -9.35	42.49 2.20 -10.92	33.42 2.23 -6.15	27.92 1.97 -2.54	25.04 1.84 -1.80	23.96 1.81 -0.86	23.29 1.65 -1.99	23.62 1.74 -1.40	24.94 1.72 -3.22	30.32 1.99 -4.60	38.60 1.90 -12.93	43.35 1.85 -17.44	37.71 1.89 -11.27	31.80 1.78 -5.60	29.08 1.46 -7.32	25.50 1.29 -8.26	24.55 1.09 -10.74

NARROWS_GT2_2 24237	27.59 2.11 -2.77	24.87 1.66 -3.94	23.71 1.41 -5.67	23.71 1.40 -5.64	23.72 1.22 -8.12	28.65 1.37 -11.57	38.91 2.36 -7.40	45.95 2.55 -9.35	42.49 2.20 -10.92	33.42 2.23 -6.15	27.92 1.97 -2.54	25.04 1.84 -1.80	23.96 1.81 -0.86	23.29 1.65 -1.99	23.62 1.74 -1.40	24.94 1.72 -3.22	30.32 1.99 -4.60	38.60 1.90 -12.93	43.35 1.85 -17.44	37.71 1.89 -11.27	31.80 1.78 -5.60	29.08 1.46 -7.32	25.50 1.29 -8.26	24.55 1.09 -10.74
NARROWS_GT2_3 24238	27.59 2.11 -2.77	24.87 1.66 -3.94	23.71 1.41 -5.67	23.71 1.40 -5.64	23.72 1.22 -8.12	28.65 1.37 -11.57	38.91 2.36 -7.40	45.95 2.55 -9.35	42.49 2.20 -10.92	33.42 2.23 -6.15	27.92 1.97 -2.54	25.04 1.84 -1.80	23.96 1.81 -0.86	23.29 1.65 -1.99	23.62 1.74 -1.40	24.94 1.72 -3.22	30.32 1.99 -4.60	38.60 1.90 -12.93	43.35 1.85 -17.44	37.71 1.89 -11.27	31.80 1.78 -5.60	29.08 1.46 -7.32	25.50 1.29 -8.26	24.55 1.09 -10.74
NARROWS_GT2_4 24239	27.59 2.11 -2.77	24.87 1.66 -3.94	23.71 1.41 -5.67	23.71 1.40 -5.64	23.72 1.22 -8.12	28.65 1.37 -11.57	38.91 2.36 -7.40	45.95 2.55 -9.35	42.49 2.20 -10.92	33.42 2.23 -6.15	27.92 1.97 -2.54	25.04 1.84 -1.80	23.96 1.81 -0.86	23.29 1.65 -1.99	23.62 1.74 -1.40	24.94 1.72 -3.22	30.32 1.99 -4.60	38.60 1.90 -12.93	43.35 1.85 -17.44	37.71 1.89 -11.27	31.80 1.78 -5.60	29.08 1.46 -7.32	25.50 1.29 -8.26	24.55 1.09 -10.74
NARROWS_GT2_5 24240	27.59 2.11 -2.77	24.87 1.66 -3.94	23.71 1.41 -5.67	23.71 1.40 -5.64	23.72 1.22 -8.12	28.65 1.37 -11.57	38.91 2.36 -7.40	45.95 2.55 -9.35	42.49 2.20 -10.92	33.42 2.23 -6.15	27.92 1.97 -2.54	25.04 1.84 -1.80	23.96 1.81 -0.86	23.29 1.65 -1.99	23.62 1.74 -1.40	24.94 1.72 -3.22	30.32 1.99 -4.60	38.60 1.90 -12.93	43.35 1.85 -17.44	37.71 1.89 -11.27	31.80 1.78 -5.60	29.08 1.46 -7.32	25.50 1.29 -8.26	24.55 1.09 -10.74
NARROWS_GT2_6 24241	27.59 2.11 -2.77	24.87 1.66 -3.94	23.71 1.41 -5.67	23.71 1.40 -5.64	23.72 1.22 -8.12	28.65 1.37 -11.57	38.91 2.36 -7.40	45.95 2.55 -9.35	42.49 2.20 -10.92	33.42 2.23 -6.15	27.92 1.97 -2.54	25.04 1.84 -1.80	23.96 1.81 -0.86	23.29 1.65 -1.99	23.62 1.74 -1.40	24.94 1.72 -3.22	30.32 1.99 -4.60	38.60 1.90 -12.93	43.35 1.85 -17.44	37.71 1.89 -11.27	31.80 1.78 -5.60	29.08 1.46 -7.32	25.50 1.29 -8.26	24.55 1.09 -10.74
NARROWS_GT2_7 24242	27.59 2.11 -2.77	24.87 1.66 -3.94	23.71 1.41 -5.67	23.71 1.40 -5.64	23.72 1.22 -8.12	28.65 1.37 -11.57	38.91 2.36 -7.40	45.95 2.55 -9.35	42.49 2.20 -10.92	33.42 2.23 -6.15	27.92 1.97 -2.54	25.04 1.84 -1.80	23.96 1.81 -0.86	23.29 1.65 -1.99	23.62 1.74 -1.40	24.94 1.72 -3.22	30.32 1.99 -4.60	38.60 1.90 -12.93	43.35 1.85 -17.44	37.71 1.89 -11.27	31.80 1.78 -5.60	29.08 1.46 -7.32	25.50 1.29 -8.26	24.55 1.09 -10.74
NARROWS_GT2_8 24243	27.59 2.11 -2.77	24.87 1.66 -3.94	23.71 1.41 -5.67	23.71 1.40 -5.64	23.72 1.22 -8.12	28.65 1.37 -11.57	38.91 2.36 -7.40	45.95 2.55 -9.35	42.49 2.20 -10.92	33.42 2.23 -6.15	27.92 1.97 -2.54	25.04 1.84 -1.80	23.96 1.81 -0.86	23.29 1.65 -1.99	23.62 1.74 -1.40	24.94 1.72 -3.22	30.32 1.99 -4.60	38.60 1.90 -12.93	43.35 1.85 -17.44	37.71 1.89 -11.27	31.80 1.78 -5.60	29.08 1.46 -7.32	25.50 1.29 -8.26	24.55 1.09 -10.74
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	26.63 0.73 -3.20	24.58 0.75 -4.56	23.85 0.67 -6.56	23.86 0.67 -6.52	24.34 0.56 -9.40	29.67 0.57 -13.39	38.92 1.20 -8.57	46.31 1.43 -10.84	43.25 1.23 -12.65	33.04 0.88 -7.12	26.99 0.63 -2.94	24.00 0.51 -2.08	22.75 0.47 -0.99	22.43 0.47 -2.30	22.59 0.49 -1.62	24.22 0.50 -3.72	29.72 0.66 -5.33	39.54 0.78 -15.00	45.24 0.96 -20.22	38.47 0.88 -13.03	31.84 0.95 -6.48	29.47 0.71 -8.46	25.96 0.46 -9.54	25.48 0.36 -12.41
NCHELSEA_115KV_TR2 355582	27.16 1.73 -2.73	24.53 1.37 -3.89	23.40 1.16 -5.61	23.39 1.15 -5.57	23.42 1.01 -8.03	28.27 1.12 -11.44	38.69 2.22 -7.32	45.89 2.59 -9.27	42.41 2.23 -10.81	33.08 1.95 -6.09	27.57 1.64 -2.51	24.62 1.43 -1.78	23.50 1.36 -0.85	22.92 1.30 -1.97	23.21 1.35 -1.39	24.52 1.34 -3.18	29.84 1.54 -4.57	38.23 1.62 -12.86	43.03 1.64 -17.34	37.39 1.69 -11.14	31.64 1.68 -5.54	28.85 1.32 -7.24	25.11 1.01 -8.15	24.16 0.84 -10.61
NEG CAPITAL___MECHNVIL 23645	27.27 1.07 -3.49	25.19 0.94 -4.98	24.65 0.85 -7.18	24.67 0.87 -7.13	25.40 0.75 -10.27	31.22 0.86 -14.64	40.21 1.69 -9.37	47.90 2.01 -11.85	44.92 1.73 -13.83	34.18 1.35 -7.79	27.96 1.33 -3.21	24.83 1.15 -2.27	23.48 1.11 -1.08	23.15 0.98 -2.52	23.27 1.02 -1.77	25.04 1.00 -4.04	30.83 1.33 -5.78	41.32 1.31 -16.25	47.32 1.35 -21.92	40.04 1.33 -14.16	32.80 1.34 -7.04	30.53 1.03 -9.20	27.15 0.83 -10.37	26.82 0.62 -13.48
NEG CENTRAL_HIGH_ACRES 23767	23.10 -0.25 -0.65	20.02 -0.17 -0.92	17.84 -0.12 -1.33	17.87 -0.12 -1.32	16.16 -0.12 -1.90	18.26 -0.16 -2.71	30.42 -0.47 -1.73	35.65 -0.58 -2.19	31.54 -0.38 -2.56	26.20 -0.27 -1.44	25.06 1.05 -0.59	22.51 0.68 -0.42	22.02 0.53 -0.20	20.57 0.45 -0.47	20.50 -0.31 -0.33	20.54 -0.22 -0.75	24.29 -0.47 -1.03	26.20 -0.48 -2.91	27.59 -0.39 -3.92	26.46 -0.61 -2.51	25.08 -0.59 -1.25	21.48 -0.45 -1.63	17.48 -0.32 -1.84	14.83 -0.28 -2.39
NEG CENTRAL___DRP 24199	23.87 0.48 -0.68	20.69 0.44 -0.97	18.43 0.40 -1.40	18.46 0.40 -1.40	16.76 0.37 -2.01	18.99 0.41 -2.87	31.72 0.73 -1.83	37.25 0.89 -2.32	32.84 0.76 -2.71	27.14 0.58 -1.53	24.65 0.61 -0.63	22.19 0.34 -0.45	21.76 0.26 -0.21	20.36 0.22 -0.49	21.11 0.29 -0.35	21.36 0.56 -0.80	25.07 0.21 -1.13	27.22 0.29 -3.18	28.58 0.24 -4.28	27.45 0.27 -2.63	25.92 0.20 -1.31	22.19 0.18 -1.71	18.02 0.14 -1.92	15.31 0.09 -2.50
NEG CENTRAL___INDECK 23768	24.31 0.82 -0.78	21.13 0.75 -1.12	18.92 0.68 -1.61	18.97 0.70 -1.60	17.26 0.58 -2.30	19.62 0.63 -3.28	32.16 0.90 -2.10	37.73 1.02 -2.67	33.33 0.85 -3.11	27.52 0.73 -1.75	24.89 0.75 -0.72	22.28 0.36 -0.51	21.75 0.21 -0.24	20.45 0.24 -0.57	21.10 0.23 -0.40	21.22 0.30 -0.92	25.40 0.40 -1.27	27.76 0.43 -3.57	29.57 0.70 -4.81	28.09 0.44 -3.09	26.44 0.49 -1.54	22.67 0.37 -2.01	18.54 0.32 -2.26	15.87 0.22 -2.94
NEG CENTRAL___SENECA 23627	23.97 0.54 -0.72	20.81 0.52 -1.02	18.56 0.47 -1.47	18.60 0.47 -1.46	16.92 0.43 -2.10	19.14 0.42 -3.00	31.92 0.85 -1.92	37.46 0.99 -2.43	33.05 0.85 -2.84	27.26 0.63 -1.60	24.71 0.63 -0.66	22.21 0.34 -0.47	21.75 0.23 -0.22	20.38 0.22 -0.52	21.11 0.27 -0.36	21.24 0.40 -0.83	25.20 0.28 -1.19	27.49 0.38 -3.35	28.86 0.29 -4.52	27.70 0.34 -2.80	26.05 0.24 -1.39	22.36 0.24 -1.82	18.19 0.19 -2.05	15.52 0.14 -2.66
NEG CENTRAL___STATE_STREET 24147	23.93 0.54 -0.68	20.72 0.48 -0.97	18.45 0.43 -1.39	18.49 0.43 -1.38	16.76 0.39 -1.99	19.13 0.58 -2.84	31.82 0.85 -1.82	37.36 1.02 -2.30	32.93 0.88 -2.69	27.48 0.93 -1.51	24.95 0.91 -0.62	22.49 0.64 -0.44	22.05 0.55 -0.21	20.65 0.51 -0.49	21.48 0.66 -0.34	21.80 1.00 -0.79	25.37 0.52 -1.12	27.31 0.40 -3.14	28.82 0.53 -4.24	27.50 0.37 -2.58	26.18 0.49 -1.28	22.25 0.28 -1.67	18.05 0.21 -1.89	15.31 0.14 -2.45

NEG MILLWOOD___DRP 24198	27.30 1.82 -2.78	24.67 1.45 -3.96	23.56 1.23 -5.70	23.55 1.22 -5.67	23.59 1.05 -8.16	28.51 1.16 -11.63	38.93 2.33 -7.44	46.22 2.76 -9.42	42.82 2.47 -10.99	33.38 2.15 -6.19	27.75 1.78 -2.55	24.75 1.54 -1.81	23.62 1.47 -0.86	23.03 1.38 -2.00	23.30 1.41 -1.41	24.67 1.44 -3.23	30.04 1.66 -4.65	38.59 1.76 -13.07	43.43 1.76 -17.62	37.74 1.87 -11.32	31.90 1.86 -5.63	29.09 1.44 -7.35	25.31 1.07 -8.29	24.37 0.88 -10.78
NEG NORTH_FLCN_SEA 23793	22.30 -0.41 0.00	18.84 -0.42 0.00	16.16 -0.47 0.00	16.18 -0.48 0.00	5.72 -0.45 8.22	10.94 -0.38 4.40	9.61 -1.22 18.31	11.32 -1.36 21.36	9.70 -1.23 18.43	8.38 -0.93 15.73	21.78 -0.82 0.82	20.63 -0.77 0.00	20.78 -0.51 0.00	10.73 -0.61 8.32	14.81 -0.61 5.05	16.42 -0.64 2.95	11.72 -0.66 11.34	11.67 -0.71 11.37	10.73 -0.65 12.68	8.14 -0.96 15.46	7.95 -1.03 15.44	-0.09 -0.91 19.48	-6.85 -0.75 22.05	-6.91 -0.61 19.01
NEG NORTH_KES_CHATEGAY 23792	22.00 -0.70 0.00	18.61 -0.66 0.00	15.96 -0.67 0.00	16.00 -0.67 0.00	5.68 -0.62 8.08	10.81 -0.58 4.32	9.80 -1.34 18.01	11.50 -1.53 21.01	9.89 -1.35 18.12	8.49 -1.08 15.47	21.65 -0.96 0.80	20.53 -0.88 0.00	20.52 -0.77 0.00	10.65 -0.83 8.18	14.67 -0.84 4.97	16.24 -0.86 2.90	11.67 -0.90 11.15	11.62 -0.95 11.19	10.67 -0.91 12.47	8.17 -1.18 15.20	7.99 -1.25 15.18	-0.29 -1.12 19.47	-7.36 -0.89 22.42	-7.46 -0.72 19.45
NEG NORTH___ALICE_FALLS 23915	22.28 -0.43 0.00	18.83 -0.44 0.00	16.13 -0.50 0.00	16.17 -0.50 0.00	5.73 -0.46 8.19	10.93 -0.39 4.38	9.75 -1.14 18.27	11.48 -1.26 21.31	9.84 -1.15 18.38	8.50 -0.85 15.69	21.85 -0.75 0.81	20.68 -0.73 0.00	20.74 -0.55 0.00	10.71 -0.65 8.29	14.80 -0.63 5.04	16.38 -0.68 2.94	11.75 -0.66 11.31	11.73 -0.69 11.34	10.78 -0.63 12.65	8.23 -0.91 15.42	8.02 -1.00 15.39	0.01 -0.81 19.47	-6.79 -0.64 22.11	-6.90 -0.53 19.08
NEG NORTH___LWR_SARANAC 23913	22.28 -0.43 0.00	18.83 -0.44 0.00	16.13 -0.50 0.00	16.17 -0.50 0.00	5.73 -0.46 8.19	10.93 -0.39 4.38	9.75 -1.14 18.27	11.48 -1.26 21.31	9.84 -1.15 18.38	8.50 -0.85 15.69	21.85 -0.75 0.81	20.68 -0.73 0.00	20.74 -0.55 0.00	10.71 -0.65 8.29	14.80 -0.63 5.04	16.38 -0.68 2.94	11.75 -0.66 11.31	11.73 -0.69 11.34	10.78 -0.63 12.65	8.23 -0.91 15.42	8.02 -1.00 15.39	0.01 -0.81 19.47	-6.79 -0.64 22.11	-6.90 -0.53 19.08
NEG NORTH___PLATTSBURG 23628	22.28 -0.43 0.00	18.83 -0.44 0.00	16.13 -0.50 0.00	16.17 -0.50 0.00	5.73 -0.46 8.19	10.94 -0.39 4.38	9.75 -1.14 18.27	11.48 -1.26 21.31	9.84 -1.15 18.38	8.50 -0.85 15.69	21.85 -0.75 0.81	20.68 -0.73 0.00	20.74 -0.55 0.00	10.71 -0.65 8.29	14.80 -0.63 5.04	16.38 -0.68 2.94	11.75 -0.66 11.31	11.73 -0.69 11.34	10.74 -0.67 12.65	8.26 -0.88 15.42	8.02 -1.00 15.39	0.01 -0.81 19.47	-6.79 -0.64 22.11	-6.90 -0.53 19.08
NEG WEST_LEA_LOCKPORT 23791	23.18 -0.25 -0.72	20.20 -0.10 -1.02	18.09 -0.02 -1.48	18.09 -0.05 -1.47	16.44 -0.06 -2.11	18.60 -0.13 -3.01	30.24 -0.85 -1.93	35.08 -1.40 -2.43	31.12 -1.09 -2.84	25.89 -0.75 -1.60	23.61 -0.47 -0.66	21.21 -0.66 -0.47	20.70 -0.81 -0.22	19.54 -0.63 -0.52	20.12 -0.72 -0.36	20.12 -0.72 -0.83	23.98 -0.95 -1.20	26.16 -0.97 -3.37	27.45 -1.15 -4.54	26.24 -1.15 -2.84	24.80 -1.03 -1.41	21.35 -0.79 -1.85	17.56 -0.48 -2.08	15.10 -0.32 -2.71
NEG WEST___LANCASTR 23811	22.87 -0.61 -0.78	19.95 -0.42 -1.11	17.90 -0.32 -1.59	17.89 -0.37 -1.58	16.35 -0.32 -2.28	18.59 -0.38 -3.25	30.19 -1.05 -2.08	35.23 -1.43 -2.62	31.22 -1.20 -3.06	25.73 -1.03 -1.72	23.42 -0.70 -0.71	20.99 -0.92 -0.50	20.49 -1.04 -0.24	19.32 -0.88 -0.56	19.89 -0.98 -0.39	19.96 -0.94 -0.90	23.81 -1.21 -1.29	26.21 -1.19 -3.63	27.61 -1.35 -4.90	26.24 -1.38 -3.06	24.69 -1.25 -1.52	21.27 -1.01 -1.99	17.49 -0.70 -2.24	15.11 -0.52 -2.92
NEG_PENN_ALLEGHNY 23528	24.49 0.61 -1.17	21.47 0.54 -1.66	19.50 0.48 -2.39	19.51 0.47 -2.38	18.23 0.42 -3.43	21.04 0.44 -4.89	33.10 0.82 -3.13	38.95 0.95 -3.96	34.77 0.79 -4.62	28.27 0.63 -2.60	25.12 0.63 -1.07	22.59 0.43 -0.76	21.99 0.34 -0.36	20.83 0.33 -0.84	21.42 0.35 -0.59	21.75 0.38 -1.36	26.02 0.40 -1.89	29.50 0.43 -5.31	31.70 0.48 -7.16	29.54 0.37 -4.61	27.10 0.39 -2.29	23.62 0.32 -3.00	19.59 0.25 -3.38	17.31 0.20 -4.39
NEG___GEN_MONROE 24207	23.61 0.25 -0.66	20.49 0.29 -0.94	18.26 0.28 -1.35	18.28 0.27 -1.34	16.51 0.20 -1.93	18.65 0.19 -2.75	30.94 0.03 -1.76	36.10 -0.17 -2.23	31.90 -0.06 -2.60	26.60 0.10 -1.46	24.28 0.26 -0.60	21.85 0.02 -0.43	21.37 -0.13 -0.20	20.06 -0.06 -0.47	20.69 -0.12 -0.33	20.63 -0.14 -0.76	24.59 -0.24 -1.09	26.58 -0.26 -3.08	27.89 -0.31 -4.15	26.88 -0.27 -2.59	25.46 -0.24 -1.29	21.82 -0.16 -1.69	17.81 -0.05 -1.90	15.17 -0.01 -2.47
NEPA___ENERGY 23901	23.65 0.16 -0.78	20.60 0.21 -1.12	18.49 0.25 -1.61	18.47 0.20 -1.60	16.86 0.17 -2.31	19.19 0.19 -3.29	31.20 -0.06 -2.10	36.42 -0.27 -2.65	32.22 -0.23 -3.09	26.63 -0.15 -1.74	24.23 0.09 -0.72	21.74 -0.17 -0.51	21.24 -0.30 -0.24	20.02 -0.20 -0.56	20.61 -0.27 -0.40	20.67 -0.24 -0.91	24.56 -0.47 -1.31	26.96 -0.48 -3.67	28.43 -0.58 -4.95	27.04 -0.61 -3.10	25.49 -0.46 -1.54	21.91 -0.41 -2.01	18.02 -0.21 -2.27	15.54 -0.13 -2.95
NEVERSINK___HYD 23608	26.64 1.54 -2.39	23.88 1.21 -3.40	22.54 1.01 -4.90	22.54 1.00 -4.87	22.28 0.89 -7.01	26.65 0.94 -10.00	37.56 2.01 -6.40	44.52 2.38 -8.09	40.83 2.02 -9.44	31.98 1.63 -5.32	26.97 1.36 -2.19	24.11 1.15 -1.55	23.12 1.09 -0.74	22.41 1.04 -1.72	22.77 1.08 -1.21	23.86 1.08 -2.78	28.98 1.28 -3.97	36.31 1.38 -11.17	40.57 1.44 -15.07	35.74 1.45 -9.73	30.64 1.39 -4.84	27.76 1.14 -6.32	23.94 0.86 -7.13	22.71 0.72 -9.27
NEWKRMKL_115KV_TB1 55635	26.62 0.50 -3.41	24.72 0.58 -4.87	24.17 0.53 -7.01	24.17 0.53 -6.97	24.85 0.43 -10.04	30.40 0.38 -14.31	39.07 0.76 -9.16	46.68 1.06 -11.59	43.79 0.91 -13.52	33.35 0.70 -7.61	27.19 0.63 -3.14	24.23 0.60 -2.22	22.95 0.60 -1.06	22.68 0.57 -2.46	22.80 0.59 -1.73	24.53 0.56 -3.97	30.05 0.64 -5.68	40.43 0.69 -15.98	46.28 0.67 -21.55	39.13 0.69 -13.89	32.00 0.68 -6.90	29.87 0.55 -9.02	26.54 0.41 -10.17	26.26 0.32 -13.23
NEWTON___FALLS_HYD 23847	22.65 -0.20 -0.15	19.33 -0.15 -0.22	16.77 -0.17 -0.31	16.84 -0.13 -0.31	10.29 -0.16 3.93	13.85 -0.16 1.71	19.72 -0.09 9.34	23.11 -0.07 10.86	20.12 -0.03 9.21	16.80 -0.20 8.04	22.84 -0.28 0.30	21.25 -0.26 -0.10	21.04 -0.30 -0.05	15.04 -0.29 4.32	17.51 -0.35 2.61	18.32 -0.28 1.40	17.60 -0.36 5.77	18.25 -0.21 5.30	18.18 -0.14 5.73	16.71 -0.22 7.62	16.23 -0.27 7.92	12.57 -0.22 7.50	10.18 -0.22 5.55	8.83 -0.20 3.68
NGRID_A1_DSASP 323792	22.84 -0.59 -0.72	19.99 -0.31 -1.03	17.90 -0.22 -1.49	17.91 -0.23 -1.48	16.31 -0.20 -2.13	18.42 -0.33 -3.04	29.73 -1.37 -1.94	34.42 -2.08 -2.45	30.61 -1.61 -2.86	25.42 -1.23 -1.61	23.19 -0.89 -0.67	20.87 -1.01 -0.47	20.37 -1.15 -0.22	19.23 -0.94 -0.52	19.78 -1.07 -0.37	19.80 -1.04 -0.84	23.57 -1.33 -1.17	25.62 -1.43 -3.29	27.17 -1.32 -4.43	25.71 -1.69 -2.85	24.39 -1.44 -1.41	21.03 -1.12 -1.85	17.30 -0.73 -2.08	14.88 -0.55 -2.71

NGRID_A2_DSASP 323793	22.84 -0.59 -0.72	19.99 -0.31 -1.03	17.90 -0.22 -1.49	17.91 -0.23 -1.48	16.31 -0.20 -2.13	18.42 -0.33 -3.04	29.73 -1.37 -1.94	34.42 -2.08 -2.45	30.61 -1.61 -2.86	25.42 -1.23 -1.61	23.19 -0.89 -0.67	20.87 -1.01 -0.47	20.37 -1.15 -0.22	19.23 -0.94 -0.52	19.78 -1.07 -0.37	19.80 -1.04 -0.84	23.57 -1.33 -1.17	25.62 -1.43 -3.29	27.17 -1.32 -4.43	25.71 -1.69 -2.85	24.39 -1.44 -1.41	21.03 -1.12 -1.85	17.30 -0.73 -2.08	14.88 -0.55 -2.71
NGRID_A4_DSASP 323807	22.84 -0.59 -0.72	19.99 -0.31 -1.03	17.90 -0.22 -1.49	17.91 -0.23 -1.48	16.31 -0.20 -2.13	18.42 -0.33 -3.04	29.73 -1.37 -1.94	34.42 -2.08 -2.45	30.61 -1.61 -2.86	25.42 -1.23 -1.61	23.19 -0.89 -0.67	20.87 -1.01 -0.47	20.37 -1.15 -0.22	19.23 -0.94 -0.52	19.78 -1.07 -0.37	19.80 -1.04 -0.84	23.57 -1.33 -1.17	25.62 -1.43 -3.29	27.17 -1.32 -4.43	25.71 -1.69 -2.85	24.39 -1.44 -1.41	21.03 -1.12 -1.85	17.30 -0.73 -2.08	14.88 -0.55 -2.71
NIAGARA_115E_LBMP 323715	22.82 -0.61 -0.73	19.92 -0.39 -1.03	17.83 -0.28 -1.49	17.83 -0.32 -1.48	16.23 -0.29 -2.13	18.39 -0.36 -3.04	29.76 -1.34 -1.95	34.49 -2.01 -2.46	30.59 -1.64 -2.87	25.48 -1.18 -1.61	23.24 -0.84 -0.67	20.89 -0.98 -0.47	20.37 -1.15 -0.22	19.25 -0.92 -0.52	19.80 -1.04 -0.37	19.83 -1.02 -0.84	23.59 -1.31 -1.17	25.67 -1.38 -3.29	27.22 -1.28 -4.44	25.69 -1.72 -2.85	24.41 -1.42 -1.42	21.05 -1.10 -1.85	17.31 -0.73 -2.09	14.89 -0.53 -2.71
NIAGARA_115W_LBMP 323714	22.77 -0.66 -0.72	19.95 -0.35 -1.03	17.86 -0.25 -1.49	17.88 -0.27 -1.48	16.28 -0.23 -2.13	18.39 -0.36 -3.03	29.64 -1.46 -1.94	34.35 -2.14 -2.45	30.52 -1.70 -2.86	25.37 -1.28 -1.61	23.14 -0.94 -0.66	20.80 -1.07 -0.47	20.30 -1.21 -0.22	19.17 -1.00 -0.52	19.74 -1.11 -0.37	19.74 -1.10 -0.84	23.52 -1.38 -1.17	25.57 -1.47 -3.29	27.12 -1.37 -4.43	25.66 -1.74 -2.84	24.32 -1.51 -1.41	20.99 -1.16 -1.85	17.26 -0.78 -2.08	14.85 -0.57 -2.71
NIAGARA_230_LBMP 323716	23.02 -0.41 -0.72	20.08 -0.21 -1.03	17.97 -0.13 -1.48	17.97 -0.17 -1.47	16.35 -0.14 -2.12	18.51 -0.22 -3.01	30.00 -1.08 -1.93	34.78 -1.70 -2.44	30.88 -1.32 -2.84	25.66 -0.98 -1.60	23.44 -0.63 -0.66	21.08 -0.79 -0.47	20.58 -0.94 -0.22	19.42 -0.75 -0.52	20.00 -0.84 -0.36	20.00 -0.84 -0.84	23.82 -1.07 -1.16	25.91 -1.12 -3.27	27.45 -1.01 -4.40	25.96 -1.42 -2.83	24.65 -1.17 -1.40	21.24 -0.89 -1.84	17.45 -0.57 -2.07	15.00 -0.41 -2.69
NIAGARA__115KV_198_GIBSON 55903	22.80 -0.64 -0.72	19.95 -0.35 -1.03	17.88 -0.23 -1.49	17.88 -0.27 -1.48	16.28 -0.23 -2.13	18.39 -0.36 -3.03	29.64 -1.46 -1.94	34.35 -2.14 -2.45	30.52 -1.70 -2.86	25.37 -1.28 -1.61	23.14 -0.94 -0.66	20.80 -1.07 -0.47	20.30 -1.21 -0.22	19.17 -1.00 -0.52	19.74 -1.11 -0.37	19.74 -1.10 -0.84	23.54 -1.40 -1.21	25.73 -1.43 -3.40	26.95 -1.68 -4.58	25.80 -1.62 -2.86	24.35 -1.49 -1.42	21.00 -1.16 -1.86	17.27 -0.78 -2.10	14.91 -0.53 -2.73
NIAGARA____ 23760	23.02 -0.41 -0.72	20.09 -0.21 -1.03	17.98 -0.13 -1.49	17.98 -0.17 -1.48	16.37 -0.14 -2.13	18.53 -0.22 -3.04	30.02 -1.08 -1.94	34.79 -1.70 -2.44	30.90 -1.32 -2.85	25.67 -0.98 -1.61	23.45 -0.63 -0.66	21.08 -0.79 -0.47	20.58 -0.94 -0.22	19.42 -0.75 -0.52	20.00 -0.84 -0.37	20.00 -0.84 -0.84	23.83 -1.07 -1.17	25.92 -1.12 -3.28	27.47 -1.01 -4.42	25.97 -1.42 -2.84	24.65 -1.17 -1.41	21.25 -0.89 -1.84	17.46 -0.57 -2.08	15.02 -0.41 -2.71
NINE_MILE_1 23575	22.71 -0.41 -0.41	19.53 -0.33 -0.59	17.19 -0.28 -0.84	17.22 -0.28 -0.84	15.34 -0.24 -1.21	17.15 -0.28 -1.72	29.67 -0.58 -1.10	34.75 -0.68 -1.39	30.40 -0.59 -1.63	25.45 -0.50 -0.92	23.35 -0.45 -0.38	21.20 -0.47 -0.27	20.91 -0.51 -0.13	19.50 -0.45 -0.30	20.21 -0.47 -0.21	20.04 -0.44 -0.47	23.92 -0.52 -0.71	25.26 -0.50 -2.00	26.27 -0.48 -2.69	25.72 -0.56 -1.72	24.71 -0.56 -0.86	21.01 -0.41 -1.12	16.90 -0.32 -1.26	14.10 -0.25 -1.64
NINE_MILE_2 23744	22.71 -0.41 -0.41	19.52 -0.33 -0.58	17.18 -0.28 -0.84	17.22 -0.28 -0.83	15.34 -0.24 -1.20	17.16 -0.27 -1.71	29.67 -0.58 -1.10	34.75 -0.68 -1.39	30.40 -0.59 -1.62	25.45 -0.50 -0.91	23.35 -0.45 -0.38	21.20 -0.47 -0.27	20.91 -0.51 -0.13	19.49 -0.45 -0.29	20.21 -0.47 -0.21	20.04 -0.44 -0.47	23.91 -0.52 -0.71	25.25 -0.50 -1.99	26.26 -0.48 -2.68	25.73 -0.54 -1.72	24.73 -0.54 -0.85	21.01 -0.41 -1.12	16.89 -0.32 -1.26	14.10 -0.25 -1.64
NM_CAPITAL____DRP 24208	26.70 0.59 -3.40	24.74 0.62 -4.85	24.18 0.57 -6.99	24.19 0.57 -6.95	24.85 0.46 -10.01	30.42 0.44 -14.27	39.16 0.87 -9.13	46.72 1.12 -11.55	43.81 0.97 -13.48	33.41 0.78 -7.59	27.27 0.73 -3.13	24.28 0.66 -2.22	23.01 0.66 -1.06	22.73 0.63 -2.45	22.86 0.66 -1.73	24.58 0.62 -3.96	30.11 0.71 -5.67	40.44 0.74 -15.94	46.29 0.75 -21.49	39.17 0.76 -13.85	32.06 0.76 -6.88	29.90 0.61 -8.99	26.56 0.46 -10.14	26.26 0.36 -13.19
NM_CENTRAL____DRP 24181	23.42 0.16 -0.56	20.22 0.15 -0.79	17.92 0.15 -1.14	17.95 0.15 -1.14	16.16 0.14 -1.64	18.19 0.14 -2.33	30.88 0.23 -1.49	36.20 0.27 -1.89	31.83 0.26 -2.20	26.48 0.20 -1.24	24.14 0.21 -0.51	21.85 0.09 -0.36	21.48 0.02 -0.17	20.07 0.02 -0.40	20.80 0.04 -0.28	20.81 0.16 -0.65	24.67 0.00 -0.94	26.44 0.02 -2.65	27.61 -0.02 -3.57	26.74 0.02 -2.16	25.46 -0.02 -1.07	21.74 0.04 -1.40	17.55 0.02 -1.58	14.77 0.00 -2.06
NM_FRONTIER____DRP 24179	22.80 -0.64 -0.72	19.95 -0.35 -1.03	17.88 -0.23 -1.49	17.88 -0.27 -1.48	16.28 -0.23 -2.13	18.39 -0.36 -3.03	29.64 -1.46 -1.94	34.35 -2.14 -2.45	30.52 -1.70 -2.86	25.37 -1.28 -1.61	23.14 -0.94 -0.66	20.80 -1.07 -0.47	20.30 -1.21 -0.22	19.17 -1.00 -0.52	19.74 -1.11 -0.37	19.74 -1.10 -0.84	23.54 -1.40 -1.21	25.73 -1.43 -3.40	26.95 -1.68 -4.58	25.80 -1.62 -2.86	24.35 -1.49 -1.42	21.00 -1.16 -1.86	17.27 -0.78 -2.10	14.91 -0.53 -2.73
NM_ST_REGIS____HYD 24053	22.24 -0.54 -0.08	18.89 -0.48 -0.11	16.30 -0.48 -0.15	16.36 -0.47 -0.15	7.32 -0.45 6.61	11.90 -0.47 3.34	13.31 -0.82 15.03	15.64 -0.89 17.51	13.57 -0.76 15.03	11.42 -0.70 12.92	22.10 -0.70 0.61	20.85 -0.60 -0.05	20.74 -0.57 -0.02	12.22 -0.57 6.86	15.70 -0.61 4.17	17.02 -0.62 2.37	13.74 -0.69 9.30	14.06 -0.62 9.09	13.46 -0.55 10.04	11.36 -0.64 12.56	11.04 -0.68 12.69	7.95 -0.59 11.75	7.19 -0.49 8.27	6.84 -0.41 5.47
NORTHPORT____1 23551	27.53 2.07 -2.76	25.41 1.73 -4.41	24.20 1.51 -6.06	23.77 1.47 -5.63	25.72 1.31 -10.03	35.11 1.44 -17.96	42.38 2.68 -10.54	52.21 3.07 -15.10	44.50 2.67 -12.47	34.84 2.46 -7.35	32.97 2.23 -7.33	28.36 2.05 -4.90	24.70 2.06 -1.34	26.14 1.93 -4.56	27.16 1.92 -4.76	30.40 1.88 -8.52	35.65 2.21 -9.71	41.71 2.07 -15.88	47.79 2.09 -21.65	45.51 2.06 -18.89	37.38 2.10 -10.86	35.65 1.62 -13.73	33.51 1.32 -16.23	30.29 1.12 -16.46
NORTHPORT____2 23552	27.53 2.07 -2.76	25.41 1.73 -4.41	24.20 1.51 -6.06	23.77 1.47 -5.63	25.72 1.31 -10.03	35.11 1.44 -17.96	42.38 2.68 -10.54	52.21 3.07 -15.10	44.50 2.67 -12.47	34.84 2.46 -7.35	32.97 2.23 -7.33	28.36 2.05 -4.90	24.70 2.06 -1.34	26.14 1.93 -4.56	27.16 1.92 -4.76	30.40 1.88 -8.52	35.65 2.21 -9.71	41.71 2.07 -15.88	47.79 2.09 -21.65	45.51 2.06 -18.89	37.38 2.10 -10.86	35.65 1.62 -13.73	33.51 1.32 -16.23	30.29 1.12 -16.46

NORTHPORT___3 23553	27.91 2.43 -2.77	25.69 2.00 -4.41	24.42 1.73 -6.07	23.98 1.68 -5.63	25.92 1.50 -10.04	35.34 1.66 -17.97	42.85 3.15 -10.55	52.80 3.64 -15.11	44.95 3.11 -12.47	35.25 2.85 -7.35	33.33 2.58 -7.34	28.69 2.38 -4.91	25.01 2.36 -1.35	26.40 2.18 -4.57	27.50 2.25 -4.77	30.75 2.22 -8.52	35.99 2.54 -9.72	42.12 2.47 -15.89	48.21 2.50 -21.65	45.94 2.48 -18.90	37.83 2.54 -10.87	36.02 1.99 -13.74	33.79 1.60 -16.24	30.50 1.32 -16.46
NORTHPORT___4 23650	27.91 2.43 -2.77	25.69 2.00 -4.41	24.42 1.73 -6.07	23.98 1.68 -5.63	25.92 1.50 -10.04	35.34 1.66 -17.97	42.85 3.15 -10.55	52.80 3.64 -15.11	44.95 3.11 -12.47	35.25 2.85 -7.35	33.33 2.58 -7.34	28.69 2.38 -4.91	25.01 2.36 -1.35	26.40 2.18 -4.57	27.50 2.25 -4.77	30.75 2.22 -8.52	35.99 2.54 -9.72	42.12 2.47 -15.89	48.21 2.50 -21.65	45.94 2.48 -18.90	37.83 2.54 -10.87	36.02 1.99 -13.74	33.79 1.60 -16.24	30.50 1.32 -16.46
NORTHPORT___IC 23718	27.53 2.07 -2.76	25.41 1.73 -4.41	24.20 1.51 -6.06	23.77 1.47 -5.63	25.72 1.31 -10.03	35.11 1.44 -17.96	42.38 2.68 -10.54	52.21 3.07 -15.10	34.84 2.67 -12.47	32.97 2.46 -7.35	28.36 2.23 -7.33	24.70 2.05 -4.90	26.14 2.06 -1.34	27.16 1.93 -4.56	30.40 1.92 -4.76	35.65 1.88 -8.52	41.71 2.21 -9.71	47.79 2.07 -15.88	45.51 2.09 -21.65	37.38 2.06 -18.89	35.65 2.10 -10.86	33.51 1.62 -13.73	30.29 1.32 -16.23	1.12 1.12 -16.46
NORTH___COUNTRY_ESR 323785	21.94 -0.77 0.00	18.54 -0.73 0.00	15.91 -0.71 0.00	15.95 -0.72 0.00	5.64 -0.66 8.08	10.76 -0.63 4.32	9.69 -1.46 18.00	11.41 -1.63 21.00	9.78 -1.47 18.12	8.42 -1.15 15.46	21.58 -1.03 0.80	20.46 -0.94 0.00	20.48 -0.81 0.00	10.61 -0.86 8.18	14.61 -0.90 4.97	16.21 -0.90 2.90	11.60 -0.97 11.15	11.53 -1.04 11.18	10.51 -1.08 12.47	8.13 -1.23 15.20	7.90 -1.34 15.17	-0.37 -1.20 19.47	-7.43 -0.96 22.43	-7.52 -0.78 19.46
NPX_GEN_1385_PROXY 323591	27.44 1.97 -2.76	25.35 1.68 -4.41	24.27 1.58 -6.06	23.82 1.52 -5.63	25.75 1.34 -10.03	34.85 1.18 -17.96	42.35 2.65 -10.54	51.97 2.82 -15.10	44.78 2.67 -12.74	33.93 1.83 -7.07	32.29 1.54 -7.33	27.80 1.50 -4.90	24.42 1.79 -1.34	25.80 1.59 -4.56	26.53 1.29 -4.76	29.74 1.22 -8.52	35.08 1.64 -9.71	41.59 1.95 -15.88	47.41 1.71 -21.65	45.19 1.74 -18.89	36.87 1.59 -10.86	35.20 1.18 -13.73	33.04 0.86 -16.23	30.06 0.89 -16.46
NPX_GEN_CSC 323557	28.76 3.29 -2.76	26.62 2.95 -4.41	25.20 2.51 -6.06	24.77 2.47 -5.63	26.59 2.17 -10.03	35.94 2.26 -17.96	44.84 5.13 -10.55	54.94 5.79 -15.11	47.22 5.11 -12.75	35.99 3.88 -7.07	34.28 3.54 -7.33	29.79 3.49 -4.90	25.98 3.34 -1.35	27.39 3.18 -4.56	28.60 3.36 -4.76	31.66 3.14 -8.52	37.19 3.75 -9.72	43.64 3.99 -15.89	49.56 3.85 -21.65	47.41 3.95 -18.90	38.95 3.66 -10.87	36.91 2.88 -13.73	34.64 2.46 -16.23	31.13 1.96 -16.46
NSINS_S_GLNS_FALLS 23858	27.02 0.79 -3.52	25.01 0.73 -5.01	24.60 0.75 -7.22	24.65 0.80 -7.18	25.41 0.69 -10.34	31.29 0.85 -14.73	40.27 1.69 -9.43	47.95 1.97 -11.93	44.99 1.70 -13.92	34.13 1.25 -7.84	28.27 1.62 -3.24	25.08 1.39 -2.29	23.72 1.34 -1.09	23.27 1.08 -2.54	23.39 1.13 -1.78	25.07 0.98 -4.09	30.89 1.33 -5.84	41.16 0.97 -16.42	47.23 1.03 -22.14	39.81 0.98 -14.27	32.58 1.07 -7.09	30.34 0.77 -9.27	27.12 0.72 -10.45	26.82 0.52 -13.59
NUCOR_STEEL___DRP 24197	23.99 0.61 -0.67	20.78 0.56 -0.95	18.49 0.50 -1.37	18.51 0.48 -1.36	16.78 0.45 -1.96	18.97 0.47 -2.79	31.84 0.90 -1.78	37.36 1.06 -2.26	32.91 0.91 -2.64	27.25 0.73 -1.48	24.78 0.75 -0.61	22.35 0.51 -0.43	21.92 0.43 -0.21	20.52 0.39 -0.48	21.35 0.53 -0.34	21.70 0.92 -0.78	25.18 0.36 -1.09	27.22 0.38 -3.08	28.57 0.36 -4.15	27.44 0.37 -2.52	25.98 0.32 -1.25	22.24 0.30 -1.64	18.02 0.22 -1.84	15.28 0.17 -2.40
NUMBER_THREE_WT_PWR 323818	23.20 0.29 -0.20	19.83 0.27 -0.29	17.26 0.22 -0.41	17.35 0.27 -0.41	13.51 0.20 1.08	15.88 0.22 0.05	26.67 0.70 3.18	31.20 0.82 3.65	27.21 0.79 2.94	22.67 0.38 -0.02	23.67 0.23 -0.13	21.69 0.15 -0.06	21.44 0.09 -0.06	18.17 0.06 1.54	19.59 0.04 0.92	19.76 0.12 0.36	21.87 0.12 1.98	22.71 0.33 1.39	23.11 0.38 1.33	22.60 0.32 2.28	21.90 0.19 2.71	18.10 0.22 2.42	14.47 0.11 1.60	12.02 0.05 0.74
NYISO_LBMP_REFERENCE 24008	22.71 0.00 0.00	19.27 0.00 0.00	16.63 0.00 0.00	16.67 0.00 0.00	14.38 0.00 0.00	15.71 0.00 0.00	29.15 0.00 0.00	34.04 0.00 0.00	29.36 0.00 0.00	25.04 0.00 0.00	23.41 0.00 0.00	21.40 0.00 0.00	21.29 0.00 0.00	19.65 0.00 0.00	20.48 0.00 0.00	20.00 0.00 0.00	23.73 0.00 0.00	23.76 0.00 0.00	24.06 0.00 0.00	24.56 0.00 0.00	24.42 0.00 0.00	20.30 0.00 0.00	15.95 0.00 0.00	12.71 0.00 0.00
NYPA_BRENTWD___GT 24164	28.12 2.66 -2.76	25.95 2.27 -4.41	24.65 1.96 -6.06	24.20 1.90 -5.63	26.11 1.70 -10.03	35.54 1.87 -17.96	43.41 3.70 -10.56	53.41 4.25 -15.12	45.51 3.67 -12.48	35.57 3.18 -7.35	33.65 2.90 -7.33	29.00 2.70 -4.90	25.30 2.66 -1.35	26.69 2.48 -4.56	27.82 2.58 -4.76	31.02 2.50 -8.52	36.39 2.94 -9.72	42.52 2.87 -15.89	48.62 2.91 -21.66	46.33 2.87 -18.90	38.22 2.93 -10.88	36.30 2.27 -13.73	34.02 1.83 -16.23	30.67 1.50 -16.46
NYPA_GOWANUS___GT5 24156	27.59 2.11 -2.77	24.87 1.66 -3.94	23.71 1.41 -5.67	23.71 1.40 -5.64	23.72 1.22 -8.12	28.65 1.37 -11.57	38.91 2.36 -7.40	45.95 2.55 -9.35	42.49 2.20 -10.92	33.42 2.23 -6.15	27.92 1.97 -2.54	25.04 1.84 -1.80	23.96 1.81 -0.86	23.29 1.65 -1.99	23.62 1.74 -1.40	24.94 1.72 -3.22	30.32 1.99 -4.60	38.60 1.90 -12.93	43.35 1.85 -17.44	37.71 1.89 -11.27	31.80 1.78 -5.60	29.08 1.46 -7.32	25.50 1.29 -8.26	24.55 1.09 -10.74
NYPA_GOWANUS___GT6 24157	27.59 2.11 -2.77	24.87 1.66 -3.94	23.71 1.41 -5.67	23.71 1.40 -5.64	23.72 1.22 -8.12	28.65 1.37 -11.57	38.91 2.36 -7.40	45.95 2.55 -9.35	42.49 2.20 -10.92	33.42 2.23 -6.15	27.92 1.97 -2.54	25.04 1.84 -1.80	23.96 1.81 -0.86	23.29 1.65 -1.99	23.62 1.74 -1.40	24.94 1.72 -3.22	30.32 1.99 -4.60	38.60 1.90 -12.93	43.35 1.85 -17.44	37.71 1.89 -11.27	31.80 1.78 -5.60	29.08 1.46 -7.32	25.50 1.29 -8.26	24.55 1.09 -10.74
NYPA_HARLEM__RVR_GT1 24160	27.40 1.93 -2.77	24.77 1.56 -3.94	23.66 1.36 -5.67	23.66 1.35 -5.64	23.66 1.16 -8.12	28.62 1.33 -11.57	38.71 2.16 -7.40	45.68 2.28 -9.35	42.25 1.97 -10.92	33.26 2.08 -6.14	27.79 1.85 -2.53	24.99 1.80 -1.79	23.90 1.77 -0.85	23.24 1.61 -1.98	23.55 1.68 -1.39	24.89 1.68 -3.21	30.17 1.85 -4.59	38.42 1.73 -12.93	43.15 1.66 -17.43	37.49 1.67 -11.26	31.67 1.66 -5.59	28.96 1.34 -7.32	25.57 1.36 -8.26	24.46 1.00 -10.74
NYPA_HARLEM__RVR_GT2 24161	27.40 1.93 -2.77	24.77 1.56 -3.94	23.66 1.36 -5.67	23.66 1.35 -5.64	23.66 1.16 -8.12	28.62 1.33 -11.57	38.71 2.16 -7.40	45.68 2.28 -9.35	42.25 1.97 -10.92	33.26 2.08 -6.14	27.79 1.85 -2.53	24.99 1.80 -1.79	23.90 1.77 -0.85	23.24 1.61 -1.98	23.55 1.68 -1.39	24.89 1.68 -3.21	30.17 1.85 -4.59	38.42 1.73 -12.93	43.15 1.66 -17.43	37.49 1.67 -11.26	31.67 1.66 -5.59	28.96 1.34 -7.32	25.57 1.36 -8.26	24.46 1.00 -10.74

NYPA_KENT____GT 24152	27.49 2.02 -2.77	24.81 1.60 -3.94	23.68 1.38 -5.67	23.66 1.35 -5.64	23.68 1.18 -8.12	28.62 1.33 -11.57	38.89 2.33 -7.40	45.95 2.55 -9.35	42.49 2.20 -10.92	33.39 2.20 -6.15	27.92 1.97 -2.54	25.04 1.84 -1.80	23.96 1.81 -0.86	23.29 1.65 -1.99	23.60 1.72 -1.40	24.94 1.72 -3.22	30.29 1.97 -4.60	38.57 1.88 -12.93	43.30 1.81 -17.44	37.67 1.84 -11.27	31.80 1.78 -5.60	29.06 1.44 -7.32	25.49 1.28 -8.26	24.53 1.08 -10.74
NYPA_POUCH1____GT 24155	27.61 2.13 -2.77	24.89 1.68 -3.94	23.75 1.45 -5.67	23.72 1.42 -5.64	23.74 1.24 -8.12	28.68 1.40 -11.57	38.94 2.39 -7.40	46.02 2.62 -9.35	42.52 2.23 -10.92	33.44 2.25 -6.15	27.94 1.99 -2.54	25.06 1.86 -1.80	23.98 1.83 -0.86	23.31 1.67 -1.99	23.64 1.76 -1.40	24.98 1.76 -3.22	30.34 2.02 -4.60	38.62 1.92 -12.93	43.37 1.88 -17.44	37.74 1.92 -11.27	31.82 1.81 -5.60	29.10 1.48 -7.32	25.52 1.31 -8.26	24.56 1.11 -10.74
NYPA_VERNON____GT2 24162	27.43 1.95 -2.77	24.77 1.56 -3.94	23.65 1.35 -5.67	23.62 1.32 -5.64	23.65 1.15 -8.12	28.57 1.29 -11.57	38.86 2.30 -7.40	45.95 2.55 -9.35	42.46 2.17 -10.92	33.37 2.18 -6.15	27.90 1.94 -2.54	25.02 1.82 -1.80	23.96 1.81 -0.86	23.29 1.65 -1.99	23.60 1.72 -1.40	24.92 1.70 -3.22	30.25 1.92 -4.60	38.53 1.83 -12.93	43.28 1.78 -17.44	37.64 1.82 -11.27	31.78 1.76 -5.60	29.04 1.42 -7.32	25.46 1.25 -8.26	24.51 1.05 -10.74
NYPA_VERNON____GT3 24163	27.43 1.95 -2.77	24.77 1.56 -3.94	23.65 1.35 -5.67	23.62 1.32 -5.64	23.65 1.15 -8.12	28.57 1.29 -11.57	38.86 2.30 -7.40	45.95 2.55 -9.35	42.46 2.17 -10.92	33.37 2.18 -6.15	27.90 1.94 -2.54	25.02 1.82 -1.80	23.96 1.81 -0.86	23.29 1.65 -1.99	23.60 1.72 -1.40	24.92 1.70 -3.22	30.25 1.92 -4.60	38.53 1.83 -12.93	43.28 1.78 -17.44	37.64 1.82 -11.27	31.78 1.76 -5.60	29.04 1.42 -7.32	25.46 1.25 -8.26	24.51 1.05 -10.74
NYPA____ASTORIA_CC1 323568	27.40 1.93 -2.77	24.75 1.54 -3.94	23.63 1.33 -5.67	23.62 1.32 -5.64	23.65 1.15 -8.12	28.57 1.29 -11.57	38.83 2.28 -7.40	45.85 2.45 -9.35	42.40 2.12 -10.92	33.34 2.15 -6.15	27.87 1.92 -2.54	25.00 1.80 -1.80	23.94 1.79 -0.86	23.27 1.63 -1.99	23.57 1.70 -1.40	24.90 1.68 -3.22	30.23 1.90 -4.60	38.50 1.80 -12.93	43.23 1.73 -17.44	37.59 1.77 -11.27	31.75 1.73 -5.60	29.00 1.38 -7.32	25.46 1.25 -8.26	24.51 1.05 -10.74
NYPA____ASTORIA_CC2 323569	27.40 1.93 -2.77	24.75 1.54 -3.94	23.63 1.33 -5.67	23.62 1.32 -5.64	23.65 1.15 -8.12	28.57 1.29 -11.57	38.83 2.28 -7.40	45.85 2.45 -9.35	42.40 2.12 -10.92	33.34 2.15 -6.15	27.87 1.92 -2.54	25.00 1.80 -1.80	23.94 1.79 -0.86	23.27 1.63 -1.99	23.57 1.70 -1.40	24.90 1.68 -3.22	30.23 1.90 -4.60	38.50 1.80 -12.93	43.23 1.73 -17.44	37.59 1.77 -11.27	31.75 1.73 -5.60	29.00 1.38 -7.32	25.46 1.25 -8.26	24.51 1.05 -10.74
NYPA____HOLTSVILL 23794	28.72 3.25 -2.76	26.57 2.89 -4.41	25.15 2.46 -6.06	24.70 2.40 -5.63	26.54 2.13 -10.03	35.97 2.29 -17.96	44.55 4.84 -10.55	54.57 5.41 -15.11	46.65 4.82 -12.47	36.29 3.90 -7.35	34.33 3.58 -7.33	29.79 3.49 -4.90	25.98 3.34 -1.35	27.38 3.16 -4.56	28.58 3.34 -4.76	31.70 3.18 -8.52	37.22 3.77 -9.72	43.38 3.73 -15.89	49.41 3.70 -21.65	47.14 3.68 -18.90	39.02 3.74 -10.87	36.91 2.88 -13.73	34.61 2.42 -16.23	31.09 1.92 -16.46
NYPA____HELLGATE_GT1 24158	27.40 1.93 -2.77	24.77 1.56 -3.94	23.66 1.36 -5.67	23.66 1.35 -5.64	23.66 1.16 -8.12	28.62 1.33 -11.57	38.71 2.16 -7.40	45.68 2.28 -9.35	42.25 1.97 -10.92	33.26 2.08 -6.14	27.79 1.85 -2.53	24.99 1.80 -1.79	23.90 1.77 -0.85	23.24 1.61 -1.98	23.55 1.68 -1.39	24.89 1.68 -3.21	30.17 1.85 -4.59	38.42 1.73 -12.93	43.15 1.66 -17.43	37.49 1.67 -11.26	31.67 1.66 -5.59	28.96 1.34 -7.32	25.57 1.36 -8.26	24.46 1.00 -10.74
NYPA____HELLGATE_GT2 24159	27.40 1.93 -2.77	24.77 1.56 -3.94	23.66 1.36 -5.67	23.66 1.35 -5.64	23.66 1.16 -8.12	28.62 1.33 -11.57	38.71 2.16 -7.40	45.68 2.28 -9.35	42.25 1.97 -10.92	33.26 2.08 -6.14	27.79 1.85 -2.53	24.99 1.80 -1.79	23.90 1.77 -0.85	23.24 1.61 -1.98	23.55 1.68 -1.39	24.89 1.68 -3.21	30.17 1.85 -4.59	38.42 1.73 -12.93	43.15 1.66 -17.43	37.49 1.67 -11.26	31.67 1.66 -5.59	28.96 1.34 -7.32	25.57 1.36 -8.26	24.46 1.00 -10.74
NYS_BARGE____HYD 23848	23.15 -0.27 -0.72	20.19 -0.10 -1.02	18.06 -0.03 -1.47	18.06 -0.07 -1.46	16.41 -0.07 -2.10	18.57 -0.14 -3.00	30.20 -0.87 -1.92	35.07 -1.40 -2.42	31.11 -1.09 -2.83	25.88 -0.75 -1.59	23.60 -0.47 -0.66	21.20 -0.66 -0.47	20.70 -0.81 -0.22	19.54 -0.63 -0.51	20.12 -0.72 -0.36	20.12 -0.72 -0.83	23.96 -0.93 -1.15	26.03 -0.98 -3.25	27.57 -0.87 -4.38	26.09 -1.28 -2.81	24.79 -1.02 -1.40	21.33 -0.79 -1.83	17.52 -0.49 -2.06	15.03 -0.36 -2.68
OAK ORCHARD____HYD 24046	23.52 0.16 -0.65	20.39 0.19 -0.93	18.17 0.20 -1.34	18.20 0.20 -1.33	16.46 0.16 -1.92	18.61 0.16 -2.74	30.85 -0.06 -1.75	36.09 -0.17 -2.22	31.92 -0.03 -2.59	26.62 0.13 -1.46	24.30 0.28 -0.60	21.87 0.04 -0.43	21.43 -0.06 -0.20	20.10 -0.02 -0.47	20.75 -0.06 -0.33	20.72 -0.04 -0.76	24.66 -0.12 -1.05	26.58 -0.14 -2.96	28.05 0.00 -4.00	26.82 -0.29 -2.56	25.49 -0.20 -1.27	21.82 -0.14 -1.66	17.78 -0.05 -1.88	15.10 -0.05 -2.44
OAKDALE__35_KV_LOAD 356122	24.41 0.54 -1.16	21.40 0.48 -1.65	19.44 0.43 -2.38	19.47 0.43 -2.36	18.16 0.37 -3.41	20.96 0.39 -4.85	32.96 0.70 -3.11	38.79 0.82 -3.93	34.63 0.68 -4.59	28.15 0.53 -2.58	25.02 0.54 -1.07	22.52 0.36 -0.75	21.93 0.28 -0.36	20.76 0.28 -0.84	21.35 0.29 -0.59	21.67 0.32 -1.35	25.98 0.31 -1.94	29.59 0.36 -5.47	31.74 0.31 -7.38	29.48 0.32 -4.60	27.00 0.29 -2.29	23.55 0.26 -2.99	19.55 0.22 -3.37	17.27 0.18 -4.38
OCC_CHEM____DRP 24175	22.84 -0.59 -0.72	19.99 -0.31 -1.03	17.93 -0.18 -1.49	17.91 -0.23 -1.48	16.31 -0.20 -2.13	18.42 -0.33 -3.04	29.73 -1.37 -1.94	34.42 -2.08 -2.45	30.61 -1.61 -2.86	25.42 -1.23 -1.61	23.19 -0.89 -0.67	20.85 -1.03 -0.47	20.37 -1.15 -0.22	19.21 -0.96 -0.52	19.78 -1.06 -0.37	19.80 -1.04 -0.84	23.58 -1.35 -1.21	25.81 -1.35 -3.40	27.03 -1.61 -4.58	25.85 -1.57 -2.87	24.40 -1.44 -1.42	21.04 -1.12 -1.86	17.32 -0.73 -2.10	14.95 -0.50 -2.73
OH_GEN_PROXY 24063	23.04 -0.39 -0.72	20.10 -0.19 -1.03	17.99 -0.12 -1.48	17.99 -0.15 -1.47	16.36 -0.13 -2.11	18.52 -0.20 -3.01	30.06 -1.02 -1.93	34.91 -1.57 -2.43	31.25 -1.23 -3.12	25.46 -0.90 -1.32	23.49 -0.58 -0.66	21.12 -0.75 -0.47	20.62 -0.89 -0.22	19.46 -0.71 -0.52	20.04 -0.80 -0.36	20.06 -0.78 -0.84	23.87 -1.02 -1.16	25.98 -1.04 -3.26	27.52 -0.94 -4.40	26.03 -1.35 -2.82	24.70 -1.12 -1.40	21.28 -0.85 -1.83	17.48 -0.54 -2.07	15.01 -0.39 -2.69
OLIN_CORP_DRP 24177	22.89 -0.54 -0.73	19.96 -0.35 -1.04	17.89 -0.23 -1.50	17.87 -0.28 -1.49	16.28 -0.24 -2.14	18.43 -0.33 -3.05	29.85 -1.25 -1.95	34.60 -1.91 -2.46	30.68 -1.56 -2.88	25.53 -1.13 -1.62	23.29 -0.80 -0.67	20.93 -0.94 -0.47	20.43 -1.09 -0.23	19.29 -0.88 -0.52	19.86 -0.98 -0.37	19.87 -0.98 -0.84	23.68 -1.26 -1.21	25.87 -1.31 -3.41	27.14 -1.52 -4.60	25.91 -1.52 -2.88	24.50 -1.34 -1.43	21.11 -1.06 -1.87	17.38 -0.69 -2.11	14.99 -0.47 -2.74

OLIN_CORP_DSASP 323712	22.84 -0.59 -0.72	19.99 -0.31 -1.03	17.90 -0.22 -1.49	17.91 -0.23 -1.48	16.31 -0.20 -2.13	18.42 -0.33 -3.04	29.73 -1.37 -1.94	34.42 -2.08 -2.45	30.61 -1.61 -2.86	25.42 -1.23 -1.61	23.19 -0.89 -0.67	20.87 -1.01 -0.47	20.37 -1.15 -0.22	19.23 -0.94 -0.52	19.78 -1.07 -0.37	19.80 -1.04 -0.84	23.57 -1.33 -1.17	25.62 -1.43 -3.29	27.17 -1.32 -4.43	25.71 -1.69 -2.85	24.39 -1.44 -1.41	21.03 -1.12 -1.85	17.30 -0.73 -2.08	14.88 -0.55 -2.71
ONEIDA_HERK_LFGE 323681	23.35 0.48 -0.17	19.93 0.42 -0.24	17.32 0.35 -0.34	17.41 0.40 -0.34	14.73 0.33 -0.02	16.49 0.33 -0.45	29.43 0.87 0.60	34.51 1.12 0.65	29.94 0.97 0.39	25.09 0.58 0.53	23.96 0.44 -0.11	21.88 0.36 -0.11	21.64 0.30 -0.05	19.55 0.25 0.35	20.52 0.25 0.20	20.31 0.28 -0.03	23.71 0.36 0.38	24.43 0.57 -0.10	24.90 0.55 -0.29	24.93 0.52 0.14	24.29 0.39 0.51	20.36 0.38 0.32	16.21 0.25 0.00	13.25 0.18 -0.35
ONEIDA___115KV_TB4 55905	23.78 0.79 -0.28	20.36 0.69 -0.40	17.80 0.60 -0.57	17.85 0.62 -0.57	15.73 0.53 -0.82	17.43 0.55 -1.17	31.18 1.28 -0.75	36.62 1.63 -0.94	31.84 1.38 -1.10	26.56 0.90 -0.62	24.47 0.80 -0.26	22.25 0.66 -0.18	21.93 0.55 -0.09	20.34 0.49 -0.20	21.11 0.49 -0.14	20.85 0.52 -0.32	24.87 0.66 -0.47	25.97 0.88 -1.33	26.67 0.82 -1.79	26.38 0.74 -1.08	25.54 0.59 -0.54	21.55 0.55 -0.70	17.15 0.40 -0.79	14.06 0.32 -1.03
ONONDAGA_REF_OCCRA 23987	23.60 0.27 -0.62	20.40 0.25 -0.88	18.12 0.23 -1.26	18.16 0.23 -1.26	16.41 0.22 -1.81	18.51 0.22 -2.58	31.21 0.41 -1.65	36.64 0.51 -2.09	32.24 0.44 -2.44	26.74 0.33 -1.37	24.33 0.35 -0.57	22.00 0.19 -0.40	21.61 0.13 -0.19	20.21 0.12 -0.44	20.93 0.14 -0.31	21.00 0.28 -0.72	24.88 0.12 -1.04	26.82 0.14 -2.92	28.08 0.10 -3.93	27.05 0.12 -2.37	25.69 0.10 -1.18	21.96 0.12 -1.54	17.77 0.08 -1.74	15.03 0.05 -2.26
ONONDAGA___COGEN 23986	23.68 0.36 -0.60	20.46 0.33 -0.86	18.17 0.30 -1.24	18.20 0.30 -1.23	16.43 0.27 -1.78	18.53 0.28 -2.53	31.30 0.52 -1.62	36.74 0.65 -2.05	32.32 0.56 -2.40	26.81 0.43 -1.35	24.39 0.42 -0.56	22.05 0.26 -0.39	21.69 0.21 -0.19	20.26 0.18 -0.44	21.01 0.23 -0.31	21.33 0.62 -0.70	24.85 0.12 -1.01	26.76 0.17 -2.83	27.99 0.12 -3.81	27.00 0.15 -2.30	25.66 0.10 -1.14	21.93 0.14 -1.49	17.73 0.10 -1.68	14.97 0.06 -2.19
ONTARIO___LFGE 23819	23.97 0.54 -0.72	20.81 0.52 -1.02	18.56 0.46 -1.47	18.60 0.47 -1.46	16.92 0.43 -2.10	19.14 0.42 -3.00	31.89 0.82 -1.92	37.46 0.99 -2.43	33.05 0.85 -2.84	27.26 0.63 -1.60	24.71 0.63 -0.66	22.21 0.34 -0.47	21.75 0.23 -0.22	20.38 0.22 -0.52	21.11 0.27 -0.36	21.23 0.40 -0.83	25.18 0.31 -1.14	27.35 0.38 -3.21	28.82 0.43 -4.33	27.65 0.32 -2.77	26.04 0.24 -1.38	22.34 0.24 -1.80	18.18 0.19 -2.03	15.48 0.13 -2.64
ORANGEVILLE_WT_PWR 323706	23.43 -0.09 -0.81	20.44 0.02 -1.15	18.34 0.05 -1.66	18.34 0.02 -1.65	16.77 0.01 -2.38	19.09 -0.02 -3.39	30.83 -0.50 -2.17	35.77 -1.02 -2.74	31.77 -0.79 -3.20	26.34 -0.50 -1.80	23.88 -0.28 -0.74	21.46 -0.47 -0.53	20.92 -0.62 -0.25	19.72 -0.51 -0.58	20.31 -0.57 -0.41	20.41 -0.54 -0.94	24.37 -0.66 -1.31	26.70 -0.74 -3.68	28.39 -0.63 -4.96	26.76 -0.98 -3.19	25.22 -0.78 -1.58	21.72 -0.65 -2.07	17.87 -0.41 -2.33	15.43 -0.32 -3.03
ORANGEVILLE___ESR 323794	23.43 -0.09 -0.81	20.44 0.02 -1.15	18.34 0.05 -1.66	18.34 0.02 -1.65	16.77 0.01 -2.38	19.09 -0.02 -3.39	30.83 -0.50 -2.17	35.77 -1.02 -2.74	31.77 -0.79 -3.20	26.34 -0.50 -1.80	23.88 -0.28 -0.74	21.46 -0.47 -0.53	20.92 -0.62 -0.25	19.72 -0.51 -0.58	20.31 -0.57 -0.41	20.41 -0.54 -0.94	24.37 -0.66 -1.31	26.70 -0.74 -3.68	28.39 -0.63 -4.96	26.76 -0.98 -3.19	25.22 -0.78 -1.58	21.72 -0.65 -2.07	17.87 -0.41 -2.33	15.43 -0.32 -3.03
OSWEGATCHIE___HYD 24044	22.65 -0.20 -0.15	19.33 -0.15 -0.22	16.77 -0.17 -0.31	16.84 -0.13 -0.31	10.29 -0.16 3.93	13.85 -0.16 1.71	19.72 -0.09 9.34	23.11 -0.07 10.86	20.12 -0.03 9.21	16.80 -0.20 8.04	22.84 -0.28 0.30	21.22 -0.28 -0.10	21.04 -0.30 -0.05	15.04 -0.29 4.32	17.51 -0.35 2.61	18.33 -0.28 1.39	17.58 -0.36 5.79	18.19 -0.21 5.36	18.08 -0.17 5.81	16.77 -0.20 7.59	16.25 -0.27 7.90	12.59 -0.22 7.48	10.20 -0.22 5.53	8.86 -0.20 3.66
OSWEGO___5 23606	22.80 -0.32 -0.41	19.60 -0.25 -0.58	17.27 -0.20 -0.84	17.30 -0.20 -0.83	15.41 -0.17 -1.20	17.22 -0.20 -1.71	29.81 -0.44 -1.10	34.92 -0.51 -1.39	30.54 -0.44 -1.62	25.57 -0.37 -0.91	23.46 -0.33 -0.38	21.31 -0.36 -0.27	21.01 -0.41 -0.13	19.57 -0.37 -0.29	20.32 -0.37 -0.21	20.11 -0.36 -0.46	24.15 -0.33 -0.76	25.56 -0.33 -2.13	26.61 -0.31 -2.87	26.02 -0.37 -1.84	24.96 -0.37 -0.91	21.23 -0.26 -1.19	17.09 -0.21 -1.34	14.30 -0.17 -1.75
OSWEGO___6 23613	22.80 -0.32 -0.41	19.60 -0.25 -0.58	17.27 -0.20 -0.84	17.30 -0.20 -0.83	15.41 -0.17 -1.20	17.22 -0.20 -1.71	29.81 -0.44 -1.10	34.92 -0.51 -1.39	30.54 -0.44 -1.62	25.57 -0.37 -0.91	23.46 -0.33 -0.38	21.31 -0.36 -0.27	21.01 -0.41 -0.13	19.57 -0.37 -0.29	20.32 -0.37 -0.21	20.11 -0.36 -0.46	24.15 -0.33 -0.76	25.56 -0.33 -2.13	26.61 -0.31 -2.87	26.02 -0.37 -1.84	24.96 -0.37 -0.91	21.23 -0.26 -1.19	17.09 -0.21 -1.34	14.30 -0.17 -1.75
OUTOKUMPU-AB___DRP 24206	23.35 -0.09 -0.73	20.39 0.08 -1.04	18.26 0.13 -1.50	18.25 0.08 -1.49	16.59 0.06 -2.15	18.76 -0.02 -3.07	30.47 -0.64 -1.96	35.39 -1.12 -2.47	31.40 -0.85 -2.89	26.06 -0.60 -1.63	23.78 -0.30 -0.67	21.34 -0.54 -0.48	20.84 -0.68 -0.23	19.67 -0.51 -0.53	20.23 -0.61 -0.37	20.25 -0.60 -0.85	24.14 -0.81 -1.22	26.38 -0.81 -3.43	27.65 -1.03 -4.62	26.47 -0.98 -2.89	25.00 -0.85 -1.44	21.53 -0.65 -1.88	17.67 -0.40 -2.12	15.21 -0.25 -2.75
OXBOW___ 24026	23.16 -0.27 -0.73	20.23 -0.08 -1.04	18.12 0.00 -1.50	18.12 -0.03 -1.49	16.49 -0.03 -2.14	18.64 -0.13 -3.05	30.17 -0.93 -1.95	35.01 -1.50 -2.46	31.09 -1.15 -2.88	25.83 -0.83 -1.62	23.55 -0.54 -0.67	21.17 -0.71 -0.47	20.64 -0.87 -0.23	19.51 -0.67 -0.52	20.07 -0.78 -0.37	20.07 -0.78 -0.85	23.91 -1.00 -1.17	26.00 -1.07 -3.30	27.55 -0.96 -4.45	26.09 -1.33 -2.86	24.76 -1.07 -1.42	21.32 -0.83 -1.86	17.52 -0.53 -2.09	15.06 -0.38 -2.72
OXY_CHEM_DSASP 323612	22.84 -0.59 -0.72	19.99 -0.31 -1.03	17.93 -0.18 -1.49	17.91 -0.23 -1.48	16.31 -0.20 -2.13	18.42 -0.33 -3.04	29.73 -1.37 -1.94	34.42 -2.08 -2.45	30.61 -1.61 -2.86	25.42 -1.23 -1.61	23.19 -0.89 -0.67	20.85 -1.03 -0.47	20.37 -1.15 -0.22	19.21 -0.96 -0.52	19.78 -1.06 -0.37	19.80 -1.04 -0.84	23.58 -1.35 -1.21	25.81 -1.35 -3.40	27.03 -1.61 -4.58	25.85 -1.57 -2.87	24.40 -1.44 -1.42	21.04 -1.12 -1.86	17.32 -0.73 -2.10	14.95 -0.50 -2.73
OZONE_PARK_ESR 323760	27.49 2.02 -2.76	24.80 1.60 -3.93	23.66 1.36 -5.67	23.65 1.35 -5.63	23.67 1.18 -8.11	28.61 1.34 -11.56	39.12 2.57 -7.40	46.40 3.00 -9.36	42.81 2.53 -10.92	33.57 2.38 -6.15	28.08 2.13 -2.54	25.17 1.97 -1.80	24.11 1.96 -0.86	23.45 1.81 -1.99	23.76 1.88 -1.40	25.05 1.84 -3.21	30.43 2.09 -4.62	38.77 2.02 -12.99	43.50 1.92 -17.52	37.89 2.06 -11.27	32.05 2.03 -5.60	29.22 1.60 -7.32	25.50 1.29 -8.25	24.53 1.08 -10.73

PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	22.84 -0.59 -0.72	19.99 -0.31 -1.03	17.93 -0.18 -1.49	17.91 -0.23 -1.48	16.31 -0.20 -2.13	18.42 -0.33 -3.04	29.73 -1.37 -1.94	34.42 -2.08 -2.45	30.61 -1.61 -2.86	25.42 -1.23 -1.61	23.19 -0.89 -0.67	20.85 -1.03 -0.47	20.37 -1.15 -0.22	19.21 -0.96 -0.52	19.78 -1.06 -0.37	19.80 -1.04 -0.84	23.58 -1.35 -1.21	25.81 -1.35 -3.40	27.03 -1.61 -4.58	25.85 -1.57 -2.87	24.40 -1.44 -1.42	21.04 -1.12 -1.86	17.32 -0.73 -2.10	14.95 -0.50 -2.73
PACKARD__115KV_DUPONT_184 80571	22.84 -0.59 -0.72	19.99 -0.31 -1.03	17.93 -0.18 -1.49	17.91 -0.23 -1.48	16.31 -0.20 -2.13	18.42 -0.33 -3.04	29.73 -1.37 -1.94	34.42 -2.08 -2.45	30.61 -1.61 -2.86	25.42 -1.23 -1.61	23.19 -0.89 -0.67	20.85 -1.03 -0.47	20.37 -1.15 -0.22	19.21 -0.96 -0.52	19.78 -1.06 -0.37	19.80 -1.04 -0.84	23.58 -1.35 -1.21	25.81 -1.35 -3.40	27.03 -1.61 -4.58	25.85 -1.57 -2.87	24.40 -1.44 -1.42	21.04 -1.12 -1.86	17.32 -0.73 -2.10	14.95 -0.50 -2.73
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	27.40 1.93 -2.76	24.76 1.56 -3.93	23.62 1.33 -5.67	23.63 1.33 -5.63	23.64 1.15 -8.11	28.58 1.30 -11.56	38.71 2.16 -7.40	45.72 2.31 -9.36	42.25 1.97 -10.92	33.22 2.03 -6.15	27.76 1.80 -2.54	24.89 1.69 -1.80	23.83 1.68 -0.86	23.17 1.53 -1.99	23.47 1.60 -1.40	24.81 1.60 -3.21	30.13 1.78 -4.62	38.44 1.69 -12.99	43.09 1.52 -17.52	37.52 1.69 -11.27	31.63 1.61 -5.60	28.92 1.30 -7.32	25.50 1.29 -8.25	24.48 1.03 -10.74
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	27.62 2.16 -2.76	24.94 1.73 -3.93	23.81 1.51 -5.67	23.78 1.48 -5.63	23.79 1.29 -8.11	28.66 1.38 -11.56	39.00 2.45 -7.40	46.06 2.66 -9.36	42.55 2.26 -10.92	33.34 2.15 -6.15	27.85 1.90 -2.54	24.98 1.78 -1.80	23.89 1.75 -0.86	23.23 1.59 -1.99	23.53 1.66 -1.40	24.87 1.66 -3.21	30.22 1.87 -4.62	38.63 1.88 -12.99	43.18 1.61 -17.52	37.70 1.87 -11.27	31.70 1.68 -5.60	29.08 1.46 -7.32	25.61 1.40 -8.25	24.59 1.14 -10.74
PATROON__115KV_TB1 80586	26.72 0.59 -3.43	24.79 0.64 -4.88	24.24 0.58 -7.04	24.25 0.58 -6.99	24.91 0.46 -10.07	30.49 0.42 -14.36	39.22 0.87 -9.19	46.82 1.16 -11.62	43.93 1.00 -13.57	33.45 0.78 -7.64	27.27 0.70 -3.15	24.30 0.66 -2.23	23.01 0.66 -1.06	22.73 0.61 -2.47	22.85 0.63 -1.74	24.61 0.62 -3.98	30.12 0.69 -5.70	40.56 0.76 -16.04	46.42 0.75 -21.62	39.25 0.76 -13.93	32.10 0.76 -6.93	29.96 0.61 -9.05	26.62 0.46 -10.20	26.34 0.36 -13.27
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	23.11 -0.36 -0.76	20.15 -0.21 -1.09	18.08 -0.12 -1.57	18.06 -0.17 -1.56	16.47 -0.16 -2.25	18.72 -0.19 -3.20	30.44 -0.76 -2.05	35.50 -1.12 -2.58	31.43 -0.94 -3.01	25.98 -0.75 -1.70	23.65 -0.47 -0.70	21.21 -0.68 -0.50	20.72 -0.81 -0.24	19.53 -0.67 -0.55	20.10 -0.76 -0.39	20.17 -0.72 -0.88	24.05 -0.95 -1.27	26.41 -0.93 -3.58	27.77 -1.11 -4.82	26.47 -1.11 -3.01	24.94 -0.98 -1.50	21.44 -0.81 -1.96	17.64 -0.53 -2.21	15.20 -0.38 -2.87
PAWLING_115_KV_BK3_REV_LBMP_H 345028	27.30 1.82 -2.78	24.67 1.45 -3.96	23.56 1.23 -5.70	23.55 1.22 -5.67	23.59 1.05 -8.16	28.51 1.16 -11.63	38.93 2.33 -7.44	46.22 2.76 -9.42	42.82 2.47 -10.99	33.38 2.15 -6.19	27.75 1.78 -2.55	24.75 1.54 -1.81	23.62 1.47 -0.86	23.03 1.38 -2.00	23.30 1.41 -1.41	24.67 1.44 -3.23	30.04 1.66 -4.65	38.59 1.76 -13.07	43.43 1.76 -17.62	37.74 1.87 -11.32	31.90 1.86 -5.63	29.09 1.44 -7.35	25.31 1.07 -8.29	24.37 0.88 -10.78
PEEKSKILL____ 23653	27.05 1.64 -2.71	24.44 1.31 -3.86	23.31 1.11 -5.57	23.30 1.10 -5.53	23.31 0.96 -7.97	28.15 1.08 -11.36	38.55 2.13 -7.27	45.72 2.48 -9.19	42.21 2.12 -10.73	32.98 1.90 -6.04	27.59 1.69 -2.49	24.71 1.54 -1.77	23.64 1.51 -0.84	23.00 1.40 -1.95	23.31 1.45 -1.38	24.61 1.44 -3.16	29.88 1.64 -4.52	38.11 1.64 -12.71	42.83 1.64 -17.13	37.27 1.65 -11.07	31.58 1.66 -5.50	28.79 1.30 -7.19	25.08 1.02 -8.10	24.12 0.87 -10.54
PGE MADISON__WINDPWR 24146	25.61 1.79 -1.11	22.41 1.56 -1.58	20.23 1.33 -2.28	20.32 1.38 -2.26	18.82 1.18 -3.26	21.65 1.29 -4.65	34.99 2.86 -2.97	40.12 2.32 -3.77	35.58 1.82 -4.39	28.72 1.20 -2.47	25.44 1.01 -1.02	22.85 0.73 -0.72	22.21 0.58 -0.34	20.98 0.53 -0.80	21.63 0.59 -0.56	22.56 1.26 -1.30	27.09 1.57 -1.80	30.69 1.88 -5.05	32.79 1.93 -6.81	30.69 1.74 -4.39	28.18 1.59 -2.18	24.43 1.28 -2.85	20.13 0.96 -3.21	17.63 0.74 -4.18
PIERCEFIELD__HYD 23852	22.27 -0.52 -0.08	18.94 -0.44 -0.12	16.36 -0.43 -0.17	16.42 -0.42 -0.17	7.60 -0.42 6.37	12.07 -0.46 3.19	13.92 -0.73 14.51	16.39 -0.75 16.90	14.22 -0.65 14.49	11.92 -0.65 12.47	22.15 -0.68 0.58	20.90 -0.56 -0.05	20.76 -0.55 -0.03	12.49 -0.53 6.63	15.86 -0.59 4.02	17.15 -0.58 2.28	14.11 -0.64 8.98	14.48 -0.55 8.74	13.93 -0.48 9.64	11.91 -0.54 12.10	11.58 -0.59 12.25	8.10 -0.47 11.73	6.70 -0.40 8.86	6.22 -0.33 6.17
PINELAWN_CC_I 323563	27.92 2.45 -2.76	25.74 2.06 -4.41	24.45 1.76 -6.06	24.02 1.72 -5.63	25.94 1.52 -10.03	35.40 1.73 -17.96	43.02 3.32 -10.55	52.99 3.85 -15.11	45.12 3.29 -12.47	35.31 2.93 -7.35	33.43 2.69 -7.33	28.74 2.44 -4.90	25.04 2.41 -1.35	26.45 2.24 -4.56	27.57 2.33 -4.76	30.82 2.30 -8.52	36.12 2.68 -9.72	42.26 2.61 -15.88	48.37 2.67 -21.65	46.08 2.63 -18.90	37.99 2.71 -10.87	36.12 2.09 -13.73	33.84 1.66 -16.23	30.55 1.37 -16.46
PJM_GEN_HTP_PROXY 323702	27.30 1.84 -2.76	24.67 1.46 -3.93	23.56 1.26 -5.67	23.53 1.23 -5.63	23.57 1.08 -8.11	28.48 1.21 -11.56	38.91 2.36 -7.40	46.13 2.72 -9.36	42.86 2.29 -11.20	33.06 2.15 -5.87	27.87 1.92 -2.54	25.00 1.80 -1.80	23.91 1.77 -0.86	23.27 1.63 -1.99	23.57 1.70 -1.40	24.88 1.66 -3.22	30.20 1.87 -4.60	38.50 1.80 -12.93	43.28 1.78 -17.44	37.64 1.82 -11.27	31.85 1.83 -5.60	29.04 1.42 -7.32	25.37 1.16 -8.25	24.44 0.99 -10.73
PJM_GEN_KEystone 24065	25.17 0.70 -1.76	22.38 0.60 -2.51	20.77 0.53 -3.61	20.76 0.50 -3.59	20.00 0.45 -5.17	23.57 0.49 -7.37	34.66 0.79 -4.72	40.86 0.85 -5.97	37.28 0.68 -7.24	29.31 0.63 -3.64	25.69 0.65 -1.62	23.04 0.49 -1.15	22.26 0.43 -0.55	21.35 0.43 -1.27	21.80 0.43 -0.89	22.49 0.44 -2.05	27.09 0.45 -2.91	32.40 0.45 -8.19	35.61 0.51 -11.04	32.03 0.34 -7.13	28.40 0.44 -3.54	25.27 0.34 -4.63	21.49 0.32 -5.22	19.79 0.29 -6.79
PJM_GEN_NEPTUNE_PROXY 323594	27.46 2.00 -2.76	25.31 1.64 -4.41	24.10 1.41 -6.06	23.67 1.37 -5.63	25.62 1.21 -10.03	35.04 1.37 -17.96	42.32 2.62 -10.54	52.21 3.07 -15.10	44.72 2.61 -12.74	34.49 2.38 -7.07	32.89 2.15 -7.33	28.27 1.97 -4.90	24.59 1.96 -1.34	26.01 1.81 -4.56	27.10 1.86 -4.76	30.36 1.84 -8.51	35.55 2.11 -9.71	41.68 2.04 -15.88	47.77 2.07 -21.65	45.51 2.06 -18.89	37.38 2.10 -10.86	35.65 1.62 -13.73	33.49 1.31 -16.23	30.26 1.09 -16.45
PJM_GEN_VFT_PROXY 323633	27.24 1.77 -2.76	24.59 1.39 -3.93	23.49 1.20 -5.67	23.48 1.18 -5.63	23.53 1.04 -8.11	28.44 1.16 -11.56	38.80 2.24 -7.40	45.96 2.55 -9.36	42.71 2.14 -11.20	32.96 2.05 -5.87	27.83 1.87 -2.54	24.96 1.76 -1.80	23.87 1.72 -0.86	23.25 1.61 -1.99	23.53 1.66 -1.40	24.86 1.64 -3.22	30.13 1.80 -4.60	38.41 1.71 -12.93	43.15 1.66 -17.44	37.54 1.72 -11.27	31.77 1.76 -5.60	28.98 1.36 -7.32	25.32 1.12 -8.25	24.41 0.97 -10.73

PLATSBRG_115KV_PMLD1 355749	22.28 -0.43 0.00	18.83 -0.44 0.00	16.14 -0.48 0.00	16.18 -0.48 0.00	5.70 -0.46 8.22	10.94 -0.38 4.40	9.64 -1.20 18.31	11.35 -1.33 21.36	9.73 -1.20 18.43	8.41 -0.90 15.73	21.82 -0.77 0.82	20.65 -0.75 0.00	20.76 -0.53 0.00	10.71 -0.63 8.32	14.79 -0.63 5.06	16.40 -0.66 2.95	11.72 -0.66 11.34	11.67 -0.71 11.37	10.70 -0.67 12.68	8.12 -0.98 15.46	7.93 -1.05 15.44	-0.11 -0.93 19.48	-6.86 -0.77 22.05	-6.92 -0.62 19.01
PLEASANTVLY___LBMP 24000	27.05 1.48 -2.87	24.56 1.19 -4.09	23.54 1.01 -5.90	23.53 1.00 -5.86	23.70 0.88 -8.44	28.73 0.99 -12.03	38.78 1.92 -7.70	46.03 2.25 -9.74	42.64 1.91 -11.37	33.17 1.73 -6.40	27.60 1.55 -2.64	24.66 1.39 -1.87	23.57 1.38 -0.89	23.00 1.28 -2.07	23.26 1.33 -1.46	24.66 1.32 -3.34	30.03 1.49 -4.81	38.78 1.50 -13.52	43.75 1.47 -18.23	37.81 1.52 -11.73	31.76 1.51 -5.83	29.07 1.16 -7.62	25.47 0.93 -8.59	24.65 0.76 -11.17
PLSNTVLE_13_KV_13.8KVDIST 80602	27.18 1.70 -2.77	24.59 1.37 -3.95	23.49 1.16 -5.70	23.48 1.15 -5.66	23.54 1.01 -8.15	28.48 1.15 -11.62	38.81 2.22 -7.44	46.07 2.62 -9.41	42.58 2.23 -10.98	33.25 2.03 -6.18	27.77 1.80 -2.55	24.86 1.65 -1.81	23.77 1.62 -0.86	23.16 1.51 -2.00	23.44 1.56 -1.41	24.77 1.54 -3.23	30.13 1.76 -4.64	38.53 1.71 -13.06	43.32 1.66 -17.61	37.66 1.77 -11.33	31.81 1.76 -5.63	29.02 1.36 -7.36	25.32 1.07 -8.30	24.40 0.89 -10.79
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	27.18 1.70 -2.77	24.59 1.37 -3.95	23.49 1.16 -5.70	23.48 1.15 -5.66	23.54 1.01 -8.15	28.48 1.15 -11.62	38.81 2.22 -7.44	46.07 2.62 -9.41	42.58 2.23 -10.98	33.25 2.03 -6.18	27.77 1.80 -2.55	24.86 1.65 -1.81	23.77 1.62 -0.86	23.16 1.51 -2.00	23.44 1.56 -1.41	24.77 1.54 -3.23	30.13 1.76 -4.64	38.53 1.71 -13.06	43.32 1.66 -17.61	37.66 1.77 -11.33	31.81 1.76 -5.63	29.02 1.36 -7.36	25.32 1.07 -8.30	24.40 0.89 -10.79
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	27.11 1.59 -2.82	24.57 1.29 -4.01	23.51 1.10 -5.78	23.50 1.08 -5.75	23.61 0.95 -8.28	28.56 1.05 -11.80	38.77 2.07 -7.55	46.01 2.42 -9.55	42.60 2.08 -11.15	33.14 1.83 -6.28	27.57 1.57 -2.59	24.63 1.39 -1.83	23.53 1.36 -0.87	22.96 1.28 -2.03	23.24 1.33 -1.43	24.60 1.32 -3.28	29.96 1.52 -4.71	38.59 1.57 -13.26	43.53 1.59 -17.88	37.61 1.62 -11.43	31.73 1.64 -5.68	28.98 1.26 -7.42	25.29 0.97 -8.37	24.40 0.80 -10.88
POLETTI_____ 23519	27.26 1.79 -2.76	24.63 1.43 -3.93	23.52 1.23 -5.67	23.52 1.22 -5.63	23.54 1.05 -8.11	28.45 1.18 -11.56	36.51 2.24 -5.11	39.03 2.62 -2.37	38.79 2.20 -7.22	33.25 2.08 -6.13	27.81 1.87 -2.52	24.96 1.76 -1.80	23.89 1.75 -0.86	23.27 1.63 -1.99	23.56 1.68 -1.40	24.87 1.66 -3.21	30.13 1.80 -4.60	38.47 1.73 -12.97	43.19 1.64 -17.50	37.58 1.77 -11.26	31.76 1.76 -5.59	29.00 1.38 -7.32	25.36 1.15 -8.25	24.40 0.95 -10.73
POMONA___ESR 323819	26.82 1.59 -2.52	24.13 1.27 -3.60	22.88 1.08 -5.18	22.88 1.07 -5.15	22.73 0.93 -7.41	27.31 1.04 -10.57	37.99 2.07 -6.76	45.08 2.48 -8.55	41.40 2.05 -9.98	32.46 1.80 -5.62	27.33 1.59 -2.32	24.48 1.43 -1.64	23.48 1.40 -0.78	22.79 1.32 -1.82	23.11 1.35 -1.28	24.31 1.36 -2.94	29.47 1.54 -4.20	37.15 1.57 -11.82	41.58 1.59 -15.94	36.45 1.60 -10.30	31.12 1.59 -5.12	28.22 1.24 -6.69	24.48 0.99 -7.54	23.36 0.84 -9.81
PORT_JEFF_3 23555	28.72 3.25 -2.76	26.55 2.87 -4.41	25.13 2.44 -6.06	24.70 2.40 -5.63	26.54 2.13 -10.03	35.97 2.29 -17.96	44.51 4.81 -10.55	54.39 5.24 -15.11	46.59 4.76 -12.47	36.32 3.93 -7.35	34.33 3.58 -7.33	29.79 3.49 -4.90	25.98 3.34 -1.35	27.38 3.16 -4.56	28.58 3.34 -4.77	31.70 3.18 -8.52	37.22 3.77 -9.72	43.33 3.68 -15.89	49.32 3.61 -21.65	47.04 3.59 -18.90	39.02 3.74 -10.87	36.91 2.88 -13.73	34.61 2.42 -16.23	31.09 1.92 -16.46
PORT_JEFF_4 23616	28.72 3.25 -2.76	26.55 2.87 -4.41	25.13 2.44 -6.06	24.70 2.40 -5.63	26.54 2.13 -10.03	35.97 2.29 -17.96	44.51 4.81 -10.55	54.39 5.24 -15.11	46.59 4.76 -12.47	36.32 3.93 -7.35	34.33 3.58 -7.33	29.79 3.49 -4.90	25.98 3.34 -1.35	27.38 3.16 -4.56	28.58 3.34 -4.77	31.70 3.18 -8.52	37.22 3.77 -9.72	43.33 3.68 -15.89	49.32 3.61 -21.65	47.04 3.59 -18.90	39.02 3.74 -10.87	36.91 2.88 -13.73	34.61 2.42 -16.23	31.09 1.92 -16.46
PORT_JEFF_IC 23713	28.72 3.25 -2.76	26.55 2.87 -4.41	25.13 2.44 -6.06	24.70 2.40 -5.63	26.53 2.11 -10.03	35.98 2.31 -17.96	44.51 4.81 -10.55	54.46 5.31 -15.11	46.63 4.79 -12.47	36.32 3.93 -7.35	34.35 3.60 -7.33	29.79 3.49 -4.90	26.00 3.36 -1.35	27.38 3.16 -4.56	28.60 3.36 -4.77	31.72 3.20 -8.52	37.24 3.80 -9.72	43.35 3.71 -15.89	49.39 3.68 -21.65	47.09 3.63 -18.90	39.05 3.76 -10.87	36.91 2.88 -13.73	34.61 2.42 -16.23	31.09 1.92 -16.46
PPL PILGRIM_ST_GT1 24216	28.12 2.66 -2.76	25.95 2.27 -4.41	24.65 1.96 -6.06	24.20 1.90 -5.63	26.11 1.70 -10.03	35.54 1.87 -17.96	43.41 3.70 -10.56	53.41 4.25 -15.12	45.51 3.67 -12.48	35.57 3.18 -7.35	33.65 2.90 -7.33	29.00 2.70 -4.90	25.30 2.66 -1.35	26.69 2.48 -4.56	27.82 2.58 -4.76	31.02 2.50 -8.52	36.39 2.94 -9.72	42.52 2.87 -15.89	48.62 2.91 -21.66	46.33 2.87 -18.90	38.22 2.93 -10.88	36.30 2.27 -13.73	34.02 1.83 -16.23	30.67 1.50 -16.46
PPL PILGRIM_ST_GT2 24217	28.12 2.66 -2.76	25.95 2.27 -4.41	24.65 1.96 -6.06	24.20 1.90 -5.63	26.11 1.70 -10.03	35.54 1.87 -17.96	43.41 3.70 -10.56	53.41 4.25 -15.12	45.51 3.67 -12.48	35.57 3.18 -7.35	33.65 2.90 -7.33	29.00 2.70 -4.90	25.30 2.66 -1.35	26.69 2.48 -4.56	27.82 2.58 -4.76	31.02 2.50 -8.52	36.39 2.94 -9.72	42.52 2.87 -15.89	48.62 2.91 -21.66	46.33 2.87 -18.90	38.22 2.93 -10.88	36.30 2.27 -13.73	34.02 1.83 -16.23	30.67 1.50 -16.46
PPL_SHRM_GT3 24213	28.78 3.32 -2.76	26.66 2.99 -4.41	25.23 2.54 -6.06	24.80 2.50 -5.63	26.61 2.20 -10.03	35.95 2.28 -17.96	44.87 5.16 -10.55	54.97 5.82 -15.11	46.97 5.14 -12.47	36.29 3.90 -7.35	34.28 3.54 -7.33	29.81 3.51 -4.90	26.00 3.36 -1.35	27.39 3.18 -4.56	28.62 3.38 -4.77	31.68 3.16 -8.52	37.22 3.77 -9.72	43.66 4.02 -15.89	49.56 3.85 -21.65	47.46 4.00 -18.90	39.00 3.71 -10.87	36.95 2.92 -13.73	34.67 2.49 -16.23	31.16 1.98 -16.46
PPL_SHRM_GT4 24214	28.78 3.32 -2.76	26.66 2.99 -4.41	25.23 2.54 -6.06	24.80 2.50 -5.63	26.61 2.20 -10.03	35.95 2.28 -17.96	44.87 5.16 -10.55	54.97 5.82 -15.11	46.97 5.14 -12.47	36.29 3.90 -7.35	34.28 3.54 -7.33	29.81 3.51 -4.90	26.00 3.36 -1.35	27.39 3.18 -4.56	28.62 3.38 -4.77	31.68 3.16 -8.52	37.22 3.77 -9.72	43.66 4.02 -15.89	49.56 3.85 -21.65	47.46 4.00 -18.90	39.00 3.71 -10.87	36.95 2.92 -13.73	34.67 2.49 -16.23	31.16 1.98 -16.46
PROJECT___ORANGE I 24174	23.45 0.18 -0.56	20.24 0.17 -0.80	17.95 0.17 -1.15	17.98 0.17 -1.15	16.19 0.16 -1.65	18.22 0.16 -2.35	30.92 0.26 -1.51	36.25 0.31 -1.91	31.88 0.29 -2.22	26.52 0.23 -1.25	24.19 0.26 -0.52	21.88 0.11 -0.37	21.53 0.06 -0.17	20.11 0.06 -0.40	20.82 0.06 -0.28	20.82 0.16 -0.65	24.70 0.02 -0.95	26.48 0.05 -2.67	27.66 0.00 -3.61	26.78 0.05 -2.18	25.50 0.00 -1.08	21.75 0.04 -1.41	17.58 0.03 -1.59	14.80 0.01 -2.07

PROJECT___ORANGE 2 24166	23.45 0.18 -0.56	20.24 0.17 -0.80	17.95 0.17 -1.15	17.98 0.17 -1.15	16.19 0.16 -1.65	18.22 0.16 -2.35	30.92 0.26 -1.51	36.25 0.31 -1.91	31.88 0.29 -2.22	26.52 0.23 -1.25	24.19 0.26 -0.52	21.88 0.11 -0.37	21.53 0.06 -0.17	20.11 0.06 -0.40	20.82 0.06 -0.28	20.82 0.16 -0.65	24.70 0.02 -0.95	26.48 0.05 -2.67	27.66 0.00 -3.61	26.78 0.05 -2.18	25.50 0.00 -1.08	21.75 0.04 -1.41	17.58 0.03 -1.59	14.80 0.01 -2.07
PUCKETT___SOLAR 323809	24.82 0.93 -1.18	21.76 0.81 -1.68	19.74 0.70 -2.42	19.79 0.72 -2.40	18.47 0.63 -3.46	21.32 0.68 -4.93	33.65 1.34 -3.16	39.53 1.50 -3.99	35.23 1.20 -4.66	28.52 0.85 -2.62	25.27 0.77 -1.08	22.68 0.51 -0.77	22.06 0.40 -0.37	20.87 0.37 -0.85	21.50 0.43 -0.60	21.92 0.54 -1.38	26.33 0.69 -1.91	29.94 0.81 -5.37	32.16 0.86 -7.24	29.98 0.76 -4.66	27.47 0.73 -2.32	23.94 0.61 -3.03	19.83 0.46 -3.42	17.53 0.37 -4.44
PYRITES___HYD 24023	22.53 -0.25 -0.08	19.18 -0.19 -0.11	16.55 -0.23 -0.16	16.62 -0.20 -0.16	7.60 -0.22 6.57	12.15 -0.25 3.31	13.98 -0.23 14.94	16.50 -0.14 17.41	14.28 -0.15 14.94	11.90 -0.30 12.84	22.41 -0.40 0.61	21.15 -0.30 -0.05	21.00 -0.32 -0.02	12.51 -0.31 6.82	15.97 -0.37 4.14	17.27 -0.38 2.35	14.10 -0.38 9.24	14.52 -0.21 9.03	13.94 -0.14 9.97	11.93 -0.15 12.48	11.56 -0.24 12.61	7.95 -0.18 12.16	6.46 -0.18 9.32	5.99 -0.17 6.56
QUAKERRD_115KV_BK1 80622	22.99 -0.36 -0.64	19.92 -0.27 -0.92	17.75 -0.20 -1.32	17.78 -0.20 -1.31	16.08 -0.19 -1.89	18.17 -0.24 -2.70	30.24 -0.64 -1.73	35.41 -0.82 -2.18	31.29 -0.62 -2.55	26.05 -0.43 -1.43	23.63 -0.37 -0.59	21.29 -0.54 -0.42	20.87 -0.62 -0.20	19.56 -0.55 -0.46	20.25 -0.55 -0.33	20.23 -0.52 -0.75	24.18 -0.62 -1.07	26.16 -0.62 -3.02	27.42 -0.70 -4.07	26.41 -0.69 -2.54	24.97 -0.71 -1.26	21.40 -0.55 -1.65	17.41 -0.40 -1.86	14.81 -0.32 -2.42
QUENSBRY_115KV_TB8 356137	27.04 0.82 -3.52	25.03 0.75 -5.01	24.61 0.76 -7.22	24.67 0.82 -7.18	25.44 0.72 -10.34	31.36 0.91 -14.74	40.37 1.78 -9.43	48.09 2.11 -11.93	45.11 1.82 -13.93	34.26 1.38 -7.84	28.38 1.73 -3.24	25.19 1.50 -2.29	23.81 1.43 -1.09	23.33 1.14 -2.54	23.47 1.21 -1.78	25.15 1.06 -4.09	31.02 1.45 -5.84	41.23 1.05 -16.43	47.34 1.13 -22.15	39.89 1.06 -14.27	32.71 1.20 -7.10	30.38 0.81 -9.27	27.16 0.75 -10.45	26.85 0.55 -13.59
RAMAPO___LBMP 323565	26.76 1.52 -2.53	24.09 1.21 -3.60	22.85 1.03 -5.19	22.86 1.03 -5.16	22.72 0.91 -7.43	27.31 1.01 -10.59	37.91 1.98 -6.78	45.00 2.38 -8.57	41.34 1.97 -10.01	32.40 1.73 -5.63	27.28 1.55 -2.32	24.44 1.39 -1.65	23.44 1.36 -0.78	22.75 1.28 -1.82	23.09 1.33 -1.28	24.26 1.32 -2.94	29.43 1.47 -4.23	37.16 1.50 -11.90	41.57 1.47 -16.04	36.43 1.55 -10.33	31.09 1.54 -5.13	28.20 1.20 -6.71	24.47 0.96 -7.56	23.34 0.79 -9.83
RANKINE____ 23646	23.39 -0.07 -0.76	20.38 0.04 -1.08	18.28 0.10 -1.55	18.26 0.05 -1.54	16.63 0.03 -2.22	18.88 0.00 -3.17	30.68 -0.50 -2.03	35.64 -0.95 -2.55	31.64 -0.70 -2.98	26.22 -0.50 -1.68	23.90 -0.21 -0.69	21.44 -0.45 -0.49	20.93 -0.60 -0.23	19.74 -0.45 -0.54	20.33 -0.53 -0.38	20.36 -0.52 -0.88	24.28 -0.71 -1.26	26.59 -0.71 -3.54	27.94 -0.89 -4.77	26.66 -0.88 -2.98	25.14 -0.76 -1.48	21.63 -0.61 -1.94	17.79 -0.35 -2.18	15.33 -0.23 -2.84
RAVENSWOOD_GT2_1 24244	27.31 1.84 -2.76	24.67 1.46 -3.93	23.54 1.25 -5.67	23.53 1.23 -5.63	23.57 1.08 -8.11	28.50 1.23 -11.56	38.86 2.30 -7.40	46.09 2.69 -9.36	42.55 2.26 -10.92	33.34 2.15 -6.15	27.87 1.92 -2.54	25.00 1.80 -1.80	23.91 1.77 -0.86	23.27 1.63 -1.99	23.58 1.70 -1.40	24.89 1.68 -3.21	30.22 1.87 -4.62	38.56 1.81 -12.99	43.28 1.71 -17.52	37.65 1.82 -11.27	31.85 1.83 -5.60	29.04 1.42 -7.32	25.37 1.16 -8.25	24.43 0.98 -10.74
RAVENSWOOD_GT2_2 24245	27.31 1.84 -2.76	24.67 1.46 -3.93	23.54 1.25 -5.67	23.53 1.23 -5.63	23.57 1.08 -8.11	28.50 1.23 -11.56	38.86 2.30 -7.40	46.09 2.69 -9.36	42.55 2.26 -10.92	33.34 2.15 -6.15	27.87 1.92 -2.54	25.00 1.80 -1.80	23.91 1.77 -0.86	23.27 1.63 -1.99	23.58 1.70 -1.40	24.89 1.68 -3.21	30.22 1.87 -4.62	38.56 1.81 -12.99	43.28 1.71 -17.52	37.65 1.82 -11.27	31.85 1.83 -5.60	29.04 1.42 -7.32	25.37 1.16 -8.25	24.43 0.98 -10.74
RAVENSWOOD_GT2_3 24246	27.31 1.84 -2.76	24.67 1.46 -3.93	23.54 1.25 -5.67	23.53 1.23 -5.63	23.57 1.08 -8.11	28.50 1.23 -11.56	38.89 2.33 -7.40	46.09 2.69 -9.36	42.58 2.29 -10.92	33.34 2.15 -6.15	27.87 1.92 -2.54	25.00 1.80 -1.80	23.91 1.77 -0.86	23.27 1.63 -1.99	23.58 1.70 -1.40	24.89 1.68 -3.21	30.22 1.87 -4.62	38.56 1.81 -12.99	43.28 1.71 -17.52	37.67 1.84 -11.27	31.85 1.83 -5.60	29.04 1.42 -7.32	25.37 1.16 -8.25	24.43 0.98 -10.74
RAVENSWOOD_GT2_4 24247	27.31 1.84 -2.76	24.67 1.46 -3.93	23.54 1.25 -5.67	23.53 1.23 -5.63	23.57 1.08 -8.11	28.50 1.23 -11.56	38.89 2.33 -7.40	46.09 2.69 -9.36	42.58 2.29 -10.92	33.34 2.15 -6.15	27.87 1.92 -2.54	25.00 1.80 -1.80	23.91 1.77 -0.86	23.27 1.63 -1.99	23.58 1.70 -1.40	24.89 1.68 -3.21	30.22 1.87 -4.62	38.56 1.81 -12.99	43.28 1.71 -17.52	37.67 1.84 -11.27	31.85 1.83 -5.60	29.04 1.42 -7.32	25.37 1.16 -8.25	24.43 0.98 -10.74
RAVENSWOOD_GT3_1 24248	27.31 1.84 -2.76	24.67 1.46 -3.93	23.54 1.25 -5.67	23.53 1.23 -5.63	23.57 1.08 -8.11	28.50 1.23 -11.56	38.89 2.33 -7.40	46.09 2.69 -9.36	42.58 2.29 -10.92	33.34 2.15 -6.15	27.87 1.92 -2.54	25.00 1.80 -1.80	23.91 1.77 -0.86	23.27 1.63 -1.99	23.58 1.70 -1.40	24.89 1.68 -3.21	30.22 1.87 -4.62	38.56 1.81 -12.99	43.28 1.71 -17.52	37.67 1.84 -11.27	31.85 1.83 -5.60	29.04 1.42 -7.32	25.37 1.16 -8.25	24.43 0.98 -10.74
RAVENSWOOD_GT3_2 24249	27.31 1.84 -2.76	24.67 1.46 -3.93	23.54 1.25 -5.67	23.53 1.23 -5.63	23.57 1.08 -8.11	28.50 1.23 -11.56	38.89 2.33 -7.40	46.09 2.69 -9.36	42.58 2.29 -10.92	33.34 2.15 -6.15	27.87 1.92 -2.54	25.00 1.80 -1.80	23.91 1.77 -0.86	23.27 1.63 -1.99	23.58 1.70 -1.40	24.89 1.68 -3.21	30.22 1.87 -4.62	38.56 1.81 -12.99	43.28 1.71 -17.52	37.67 1.84 -11.27	31.85 1.83 -5.60	29.04 1.42 -7.32	25.37 1.16 -8.25	24.43 0.98 -10.74
RAVENSWOOD_GT3_3 24250	27.35 1.88 -2.76	24.69 1.48 -3.93	23.56 1.26 -5.67	23.55 1.25 -5.63	23.58 1.09 -8.11	28.51 1.24 -11.56	38.91 2.36 -7.40	46.16 2.76 -9.36	42.61 2.32 -10.92	33.39 2.20 -6.15	27.92 1.97 -2.54	25.02 1.82 -1.80	23.96 1.81 -0.86	23.31 1.67 -1.99	23.62 1.74 -1.40	24.91 1.70 -3.21	30.27 1.92 -4.62	38.61 1.85 -12.99	43.33 1.76 -17.52	37.70 1.87 -11.27	31.87 1.86 -5.60	29.08 1.46 -7.32	25.40 1.20 -8.25	24.44 0.99 -10.74
RAVENSWOOD_GT3_4 24251	27.35 1.88 -2.76	24.69 1.48 -3.93	23.56 1.26 -5.67	23.55 1.25 -5.63	23.58 1.09 -8.11	28.51 1.24 -11.56	38.91 2.36 -7.40	46.16 2.76 -9.36	42.61 2.32 -10.92	33.39 2.20 -6.15	27.92 1.97 -2.54	25.02 1.82 -1.80	23.96 1.81 -0.86	23.31 1.67 -1.99	23.62 1.74 -1.40	24.91 1.70 -3.21	30.27 1.92 -4.62	38.61 1.85 -12.99	43.33 1.76 -17.52	37.70 1.87 -11.27	31.87 1.86 -5.60	29.08 1.46 -7.32	25.40 1.20 -8.25	24.44 0.99 -10.74

RAVENSWOOD_GT_1 23729	27.42 1.95 -2.76	24.76 1.56 -3.93	23.62 1.33 -5.67	23.62 1.32 -5.63	23.64 1.15 -8.11	28.56 1.29 -11.56	38.83 2.27 -7.40	45.96 2.55 -9.36	42.46 2.17 -10.92	33.37 2.18 -6.15	27.90 1.94 -2.54	25.02 1.82 -1.80	23.96 1.81 -0.86	23.29 1.65 -1.99	23.60 1.72 -1.40	24.91 1.70 -3.21	30.27 1.92 -4.62	38.58 1.83 -12.99	43.26 1.68 -17.52	37.67 1.84 -11.27	31.78 1.76 -5.60	29.04 1.42 -7.32	25.45 1.24 -8.25	24.48 1.03 -10.74
RAVENSWOOD_GT_10 24258	27.31 1.84 -2.76	24.67 1.46 -3.93	23.54 1.25 -5.67	23.53 1.23 -5.63	23.57 1.08 -8.11	28.50 1.23 -11.56	38.89 2.33 -7.40	46.09 2.69 -9.36	42.58 2.29 -10.92	33.34 2.15 -6.15	27.87 1.92 -2.54	25.00 1.80 -1.80	23.91 1.77 -0.86	23.27 1.63 -1.99	23.58 1.70 -1.40	24.89 1.68 -3.21	30.22 1.87 -4.62	38.56 1.81 -12.99	43.28 1.71 -17.52	37.67 1.84 -11.27	31.85 1.83 -5.60	29.04 1.42 -7.32	25.37 1.16 -8.25	24.43 0.98 -10.74
RAVENSWOOD_GT_11 24259	27.31 1.84 -2.76	24.67 1.46 -3.93	23.54 1.25 -5.67	23.53 1.23 -5.63	23.57 1.08 -8.11	28.50 1.23 -11.56	38.89 2.33 -7.40	46.09 2.69 -9.36	42.58 2.29 -10.92	33.34 2.15 -6.15	27.87 1.92 -2.54	25.00 1.80 -1.80	23.91 1.77 -0.86	23.27 1.63 -1.99	23.58 1.70 -1.40	24.89 1.68 -3.21	30.22 1.87 -4.62	38.56 1.81 -12.99	43.28 1.71 -17.52	37.67 1.84 -11.27	31.85 1.83 -5.60	29.04 1.42 -7.32	25.37 1.16 -8.25	24.43 0.98 -10.74
RAVENSWOOD_GT_4 24252	27.31 1.84 -2.76	24.65 1.45 -3.93	23.54 1.25 -5.67	23.53 1.23 -5.63	23.57 1.08 -8.11	28.48 1.21 -11.56	38.89 2.33 -7.40	46.13 2.72 -9.36	42.58 2.29 -10.92	33.34 2.15 -6.15	27.87 1.92 -2.54	25.00 1.80 -1.80	23.91 1.77 -0.86	23.27 1.63 -1.99	23.58 1.70 -1.40	24.89 1.68 -3.21	30.22 1.87 -4.62	38.56 1.81 -12.99	43.28 1.71 -17.52	37.67 1.84 -11.27	31.85 1.83 -5.60	29.04 1.42 -7.32	25.37 1.16 -8.25	24.42 0.97 -10.74
RAVENSWOOD_GT_5 24254	27.31 1.84 -2.76	24.65 1.45 -3.93	23.54 1.25 -5.67	23.53 1.23 -5.63	23.57 1.08 -8.11	28.48 1.21 -11.56	38.89 2.33 -7.40	46.13 2.72 -9.36	42.58 2.29 -10.92	33.34 2.15 -6.15	27.87 1.92 -2.54	25.00 1.80 -1.80	23.91 1.77 -0.86	23.27 1.63 -1.99	23.58 1.70 -1.40	24.89 1.68 -3.21	30.22 1.87 -4.62	38.56 1.81 -12.99	43.28 1.71 -17.52	37.67 1.84 -11.27	31.85 1.83 -5.60	29.04 1.42 -7.32	25.37 1.16 -8.25	24.42 0.97 -10.74
RAVENSWOOD_GT_6 24253	27.31 1.84 -2.76	24.65 1.45 -3.93	23.54 1.25 -5.67	23.53 1.23 -5.63	23.57 1.08 -8.11	28.48 1.21 -11.56	38.89 2.33 -7.40	46.13 2.72 -9.36	42.58 2.29 -10.92	33.34 2.15 -6.15	27.87 1.92 -2.54	25.00 1.80 -1.80	23.91 1.77 -0.86	23.27 1.63 -1.99	23.58 1.70 -1.40	24.89 1.68 -3.21	30.22 1.87 -4.62	38.56 1.81 -12.99	43.28 1.71 -17.52	37.67 1.84 -11.27	31.85 1.83 -5.60	29.04 1.42 -7.32	25.37 1.16 -8.25	24.42 0.97 -10.74
RAVENSWOOD_GT_7 24255	27.31 1.84 -2.76	24.65 1.45 -3.93	23.54 1.25 -5.67	23.53 1.23 -5.63	23.57 1.08 -8.11	28.48 1.21 -11.56	38.89 2.33 -7.40	46.13 2.72 -9.36	42.58 2.29 -10.92	33.34 2.15 -6.15	27.87 1.92 -2.54	25.00 1.80 -1.80	23.91 1.77 -0.86	23.27 1.63 -1.99	23.58 1.70 -1.40	24.89 1.68 -3.21	30.22 1.87 -4.62	38.56 1.81 -12.99	43.28 1.71 -17.52	37.67 1.84 -11.27	31.85 1.83 -5.60	29.04 1.42 -7.32	25.37 1.16 -8.25	24.42 0.97 -10.74
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	27.31 1.84 -2.76	24.67 1.46 -3.93	23.54 1.25 -5.67	23.53 1.23 -5.63	23.57 1.08 -8.11	28.50 1.23 -11.56	38.89 2.33 -7.40	46.09 2.69 -9.36	42.58 2.29 -10.92	33.34 2.15 -6.15	27.87 1.92 -2.54	25.00 1.80 -1.80	23.91 1.77 -0.86	23.27 1.63 -1.99	23.58 1.70 -1.40	24.89 1.68 -3.21	30.22 1.87 -4.62	38.56 1.81 -12.99	43.28 1.71 -17.52	37.67 1.84 -11.27	31.85 1.83 -5.60	29.04 1.42 -7.32	25.37 1.16 -8.25	24.43 0.98 -10.74
RAVENSWOOD_GT_9 24257	27.31 1.84 -2.76	24.67 1.46 -3.93	23.54 1.25 -5.67	23.53 1.23 -5.63	23.57 1.08 -8.11	28.50 1.23 -11.56	38.89 2.33 -7.40	46.09 2.69 -9.36	42.58 2.29 -10.92	33.34 2.15 -6.15	27.87 1.92 -2.54	25.00 1.80 -1.80	23.91 1.77 -0.86	23.27 1.63 -1.99	23.58 1.70 -1.40	24.89 1.68 -3.21	30.22 1.87 -4.62	38.56 1.81 -12.99	43.28 1.71 -17.52	37.67 1.84 -11.27	31.85 1.83 -5.60	29.04 1.42 -7.32	25.37 1.16 -8.25	24.43 0.98 -10.74
RAVENSWOOD___1 23533	27.43 1.95 -2.77	24.77 1.56 -3.94	23.65 1.35 -5.67	23.62 1.32 -5.64	23.65 1.15 -8.12	28.57 1.29 -11.57	38.86 2.30 -7.40	45.95 2.55 -9.35	42.46 2.17 -10.92	33.37 2.18 -6.15	27.90 1.94 -2.54	25.02 1.82 -1.80	23.96 1.81 -0.86	23.29 1.65 -1.99	23.60 1.72 -1.40	24.92 1.70 -3.22	30.25 1.92 -4.60	38.53 1.83 -12.93	43.28 1.78 -17.44	37.64 1.82 -11.27	31.78 1.76 -5.60	29.04 1.42 -7.32	25.46 1.25 -8.26	24.51 1.05 -10.74
RAVENSWOOD___2 23534	27.43 1.95 -2.77	24.77 1.56 -3.94	23.65 1.35 -5.67	23.62 1.32 -5.64	23.65 1.15 -8.12	28.57 1.29 -11.57	38.86 2.30 -7.40	45.95 2.55 -9.35	42.46 2.17 -10.92	33.37 2.18 -6.15	27.90 1.94 -2.54	25.02 1.82 -1.80	23.96 1.81 -0.86	23.29 1.65 -1.99	23.60 1.72 -1.40	24.92 1.70 -3.22	30.25 1.92 -4.60	38.53 1.83 -12.93	43.28 1.78 -17.44	37.64 1.82 -11.27	31.78 1.76 -5.60	29.04 1.42 -7.32	25.46 1.25 -8.26	24.51 1.05 -10.74
RAVENSWOOD___3 23535	27.30 1.84 -2.76	24.67 1.46 -3.93	23.56 1.26 -5.67	23.53 1.23 -5.63	23.57 1.08 -8.11	28.48 1.21 -11.56	38.89 2.33 -7.40	46.09 2.69 -9.36	42.58 2.29 -10.92	33.34 2.15 -6.15	27.87 1.92 -2.54	25.00 1.80 -1.80	23.91 1.77 -0.86	23.27 1.63 -1.99	23.57 1.70 -1.40	24.90 1.68 -3.22	30.20 1.87 -4.60	38.50 1.80 -12.94	43.28 1.78 -17.44	37.64 1.82 -11.27	31.85 1.83 -5.60	29.04 1.42 -7.32	25.37 1.16 -8.25	24.44 0.99 -10.73
RAVENSWOOD___4 23820	27.43 1.95 -2.77	24.77 1.56 -3.94	23.65 1.35 -5.67	23.62 1.32 -5.64	23.65 1.15 -8.12	28.57 1.29 -11.57	38.86 2.30 -7.40	45.95 2.55 -9.35	42.46 2.17 -10.92	33.37 2.18 -6.15	27.90 1.94 -2.54	25.02 1.82 -1.80	23.96 1.81 -0.86	23.29 1.65 -1.99	23.60 1.72 -1.40	24.92 1.70 -3.22	30.25 1.92 -4.60	38.53 1.83 -12.93	43.28 1.78 -17.44	37.64 1.82 -11.27	31.78 1.76 -5.60	29.04 1.42 -7.32	25.46 1.25 -8.26	24.51 1.05 -10.74
RCPI_TRUST___DRP 24196	27.33 1.86 -2.76	24.69 1.48 -3.93	23.56 1.26 -5.67	23.55 1.25 -5.63	23.58 1.09 -8.11	28.51 1.24 -11.56	38.94 2.39 -7.40	46.19 2.79 -9.36	42.64 2.35 -10.92	33.37 2.18 -6.15	27.90 1.94 -2.54	25.02 1.82 -1.80	23.96 1.81 -0.86	23.31 1.67 -1.99	23.60 1.72 -1.40	24.91 1.70 -3.21	30.24 1.90 -4.62	38.60 1.85 -12.99	43.33 1.76 -17.52	37.69 1.87 -11.27	31.87 1.86 -5.60	29.06 1.44 -7.32	25.39 1.18 -8.25	24.43 0.98 -10.73
RED___ROCHESTER 323720	23.61 0.25 -0.65	20.47 0.27 -0.93	18.23 0.27 -1.34	18.26 0.27 -1.33	16.50 0.20 -1.92	18.66 0.22 -2.73	30.99 0.09 -1.75	36.25 0.00 -2.21	32.09 0.15 -2.58	26.77 0.28 -1.45	24.46 0.44 -0.60	22.00 0.17 -0.42	21.54 0.04 -0.20	20.22 0.10 -0.47	20.87 0.06 -0.33	20.84 0.08 -0.76	24.83 0.05 -1.05	26.72 0.00 -2.96	28.21 0.17 -3.99	26.97 -0.15 -2.56	25.64 -0.05 -1.27	21.92 -0.04 -1.66	17.84 0.02 -1.87	15.15 0.00 -2.43

REGAN____SOLAR 323812	28.39 1.59 -4.09	26.53 1.43 -5.83	26.21 1.18 -8.40	26.27 1.25 -8.35	27.50 1.09 -12.03	34.06 1.21 -17.14	43.01 2.89 -10.97	51.35 3.44 -13.88	48.58 3.03 -16.19	36.04 1.88 -9.12	28.72 1.54 -3.76	25.22 1.15 -2.66	23.62 1.06 -1.27	23.58 0.98 -2.95	23.58 1.02 -2.08	25.87 1.12 -4.75	32.18 1.66 -6.79	45.02 2.16 -19.10	51.83 2.02 -25.76	43.38 2.18 -16.64	34.71 2.03 -8.27	32.87 1.76 -10.81	29.38 1.25 -12.18	29.45 0.89 -15.85
RENSSELAER____COGEN 23796	26.60 0.50 -3.39	24.64 0.54 -4.83	24.07 0.48 -6.96	24.09 0.50 -6.92	24.75 0.40 -9.97	30.26 0.35 -14.20	38.97 0.73 -9.09	46.48 0.95 -11.49	43.59 0.82 -13.40	33.24 0.65 -7.55	27.11 0.59 -3.11	24.19 0.58 -2.21	22.92 0.58 -1.05	22.62 0.53 -2.44	22.75 0.55 -1.72	24.48 0.54 -3.93	29.95 0.59 -5.62	40.20 0.62 -15.82	46.04 0.65 -21.34	38.98 0.64 -13.79	31.90 0.63 -6.85	29.76 0.51 -8.95	26.43 0.38 -10.09	26.15 0.30 -13.13
REPUBLIC_115KV_BARTNBRK 55605	27.72 1.50 -3.52	25.65 1.37 -5.01	25.11 1.26 -7.22	25.20 1.35 -7.18	25.91 1.19 -10.34	31.89 1.45 -14.73	41.56 2.97 -9.43	49.48 3.51 -11.93	46.37 3.08 -13.92	35.06 2.18 -7.84	28.99 2.34 -3.23	25.62 1.93 -2.29	24.17 1.79 -1.09	23.66 1.47 -2.53	23.82 1.56 -1.78	25.53 1.44 -4.09	31.63 2.06 -5.84	42.13 1.95 -16.42	48.19 2.00 -22.14	40.84 2.01 -14.27	33.58 2.08 -7.09	31.13 1.56 -9.27	27.66 1.26 -10.44	27.20 0.90 -13.59
REVERE_CPPR_DRP 24186	23.81 0.86 -0.24	20.39 0.77 -0.35	17.77 0.65 -0.50	17.87 0.70 -0.50	15.49 0.59 -0.52	17.22 0.60 -0.91	30.82 1.46 -0.21	36.22 1.87 -0.31	31.46 1.59 -0.52	26.23 1.03 -0.16	24.48 0.87 -0.20	22.31 0.75 -0.16	21.96 0.60 -0.08	20.15 0.53 0.03	21.01 0.53 0.00	20.77 0.56 -0.20	24.60 0.74 -0.14	25.65 1.00 -0.89	26.26 0.94 -1.27	26.01 0.88 -0.57	25.22 0.71 -0.10	21.21 0.67 -0.24	16.81 0.48 -0.38	13.74 0.36 -0.67
REYNOLDS_115KV_TB3 80639	26.81 0.70 -3.40	24.80 0.69 -4.84	24.22 0.62 -6.97	24.22 0.62 -6.93	24.88 0.52 -9.98	30.44 0.50 -14.23	39.22 0.96 -9.11	46.79 1.23 -11.52	43.87 1.06 -13.45	33.49 0.88 -7.57	27.36 0.82 -3.12	24.36 0.75 -2.21	23.09 0.75 -1.05	22.79 0.69 -2.45	22.92 0.72 -1.72	24.63 0.68 -3.95	30.16 0.78 -5.65	40.47 0.81 -15.90	46.31 0.82 -21.44	39.18 0.81 -13.81	32.11 0.83 -6.87	29.94 0.67 -8.97	26.59 0.53 -10.11	26.28 0.41 -13.15
RIVERBAY____ 323610	27.62 2.16 -2.76	24.94 1.73 -3.93	23.81 1.51 -5.67	23.78 1.48 -5.63	23.79 1.29 -8.11	28.66 1.38 -11.56	39.00 2.45 -7.40	46.06 2.66 -9.36	42.55 2.26 -10.92	33.34 2.15 -6.15	27.85 1.90 -2.54	24.98 1.78 -1.80	23.89 1.75 -0.86	23.23 1.59 -1.99	23.53 1.66 -1.40	24.87 1.66 -3.21	30.22 1.87 -4.62	38.63 1.88 -12.99	43.18 1.61 -17.52	37.70 1.87 -11.27	31.70 1.68 -5.60	29.08 1.46 -7.32	25.61 1.40 -8.25	24.59 1.14 -10.74
RIVERSDE_115KV_TB3 55908	26.70 0.59 -3.40	24.74 0.62 -4.85	24.18 0.57 -6.99	24.19 0.57 -6.95	24.85 0.46 -10.01	30.42 0.44 -14.27	39.16 0.87 -9.13	46.72 1.12 -11.55	43.81 0.97 -13.48	33.41 0.78 -7.59	27.27 0.73 -3.13	24.28 0.66 -2.22	23.01 0.66 -1.06	22.73 0.63 -2.45	22.86 0.66 -1.73	24.58 0.62 -3.96	30.11 0.71 -5.67	40.44 0.74 -15.94	46.29 0.75 -21.49	39.17 0.76 -13.85	32.06 0.76 -6.88	29.90 0.61 -8.99	26.56 0.46 -10.14	26.26 0.36 -13.19
ROARING____BROOK_WT_PWR 323790	21.53 -1.18 0.00	18.23 -1.04 0.00	15.70 -0.93 0.00	15.72 -0.95 0.00	1.19 -0.85 12.35	8.18 -0.93 6.61	0.00 -1.63 27.52	0.00 -1.94 32.10	0.00 -1.67 27.69	0.00 -1.40 23.64	20.88 -1.31 1.23	20.27 -1.14 0.00	20.21 -1.09 0.00	6.13 -1.02 12.50	11.84 -1.04 7.60	14.56 -1.02 4.42	5.45 -1.23 17.04	5.36 -1.31 17.09	3.68 -1.32 19.05	0.00 -1.33 23.23	0.00 -1.22 23.20	-4.16 -1.03 23.42	-4.46 -0.83 19.58	-2.67 -0.65 14.74
ROCHESRG_115KV_T4 355643	23.42 0.07 -0.65	20.31 0.12 -0.93	18.11 0.15 -1.33	18.13 0.13 -1.33	16.39 0.10 -1.91	18.53 0.09 -2.72	30.72 -0.17 -1.74	35.90 -0.34 -2.20	31.76 -0.18 -2.57	26.46 -0.03 -1.45	24.15 0.14 -0.60	21.76 -0.06 -0.42	21.30 -0.19 -0.20	20.00 -0.12 -0.47	20.64 -0.16 -0.33	20.62 -0.14 -0.75	24.57 -0.24 -1.08	26.54 -0.26 -3.04	27.85 -0.31 -4.10	26.81 -0.32 -2.57	25.40 -0.29 -1.28	21.74 -0.22 -1.67	17.72 -0.11 -1.88	15.08 -0.08 -2.45
ROCHESTER_9_IC 23652	23.54 0.18 -0.65	20.41 0.21 -0.93	18.18 0.22 -1.34	18.22 0.22 -1.33	16.45 0.16 -1.92	18.60 0.16 -2.73	30.87 -0.03 -1.75	36.11 -0.14 -2.21	31.94 0.00 -2.58	26.64 0.15 -1.45	24.32 0.30 -0.60	21.89 0.06 -0.42	21.45 -0.04 -0.20	20.12 0.00 -0.47	20.77 -0.04 -0.33	20.74 -0.02 -0.76	24.72 -0.09 -1.09	26.70 -0.12 -3.05	28.01 -0.17 -4.12	26.94 -0.20 -2.58	25.53 -0.17 -1.28	21.85 -0.12 -1.67	17.81 -0.03 -1.89	15.16 -0.01 -2.45
ROCKVIEW_13_KV_LD 356306	27.28 1.82 -2.76	24.65 1.45 -3.93	23.52 1.23 -5.67	23.52 1.22 -5.63	23.56 1.06 -8.11	28.50 1.23 -11.56	38.91 2.36 -7.40	46.19 2.79 -9.36	42.64 2.35 -10.92	33.34 2.15 -6.15	27.87 1.92 -2.54	24.98 1.78 -1.80	23.89 1.75 -0.86	23.27 1.63 -1.99	23.58 1.70 -1.40	24.89 1.68 -3.21	30.22 1.87 -4.62	38.61 1.85 -12.99	43.35 1.78 -17.52	37.72 1.89 -11.27	31.90 1.88 -5.60	29.08 1.46 -7.32	25.36 1.15 -8.25	24.40 0.95 -10.73
ROME____115KV_TB2 80656	23.81 0.86 -0.24	20.39 0.77 -0.35	17.77 0.65 -0.50	17.87 0.70 -0.50	15.49 0.59 -0.52	17.22 0.60 -0.91	30.82 1.46 -0.21	36.22 1.87 -0.31	31.46 1.59 -0.52	26.23 1.03 -0.16	24.48 0.87 -0.20	22.31 0.75 -0.16	21.96 0.60 -0.08	20.15 0.53 0.03	21.01 0.53 0.00	20.77 0.56 -0.20	24.60 0.74 -0.14	25.65 1.00 -0.89	26.26 0.94 -1.27	26.01 0.88 -0.57	25.22 0.71 -0.10	21.21 0.67 -0.24	16.81 0.48 -0.38	13.74 0.36 -0.67
ROSETON____1 23587	26.88 1.45 -2.72	24.30 1.16 -3.88	23.21 1.00 -5.59	23.20 0.98 -5.55	23.24 0.86 -7.99	28.07 0.96 -11.40	38.31 1.87 -7.29	45.48 2.21 -9.23	42.01 1.88 -10.77	32.78 1.68 -6.06	27.42 1.50 -2.50	24.52 1.35 -1.77	23.48 1.34 -0.84	22.85 1.24 -1.96	23.15 1.29 -1.38	24.46 1.28 -3.17	29.71 1.45 -4.53	37.96 1.45 -12.75	42.72 1.47 -17.19	37.14 1.47 -11.11	31.40 1.46 -5.52	28.65 1.14 -7.21	24.99 0.91 -8.13	24.05 0.76 -10.58
ROSETON____2 23588	26.88 1.45 -2.72	24.30 1.16 -3.88	23.21 1.00 -5.59	23.20 0.98 -5.55	23.24 0.86 -7.99	28.07 0.96 -11.40	38.31 1.87 -7.29	45.48 2.21 -9.23	42.01 1.88 -10.77	32.78 1.68 -6.06	27.42 1.50 -2.50	24.52 1.35 -1.77	23.48 1.34 -0.84	22.85 1.24 -1.96	23.15 1.29 -1.38	24.46 1.28 -3.17	29.71 1.45 -4.53	37.96 1.45 -12.75	42.72 1.47 -17.19	37.14 1.47 -11.11	31.40 1.46 -5.52	28.65 1.14 -7.21	24.99 0.91 -8.13	24.05 0.76 -10.58
ROTTDRAM_115KV_TB3 80664	27.12 0.86 -3.55	25.08 0.75 -5.06	24.59 0.67 -7.30	24.59 0.67 -7.25	25.40 0.58 -10.44	31.23 0.63 -14.89	39.96 1.28 -9.53	47.59 1.50 -12.05	44.72 1.29 -14.07	33.99 1.03 -7.92	27.67 0.98 -3.27	24.57 0.86 -2.31	23.22 0.83 -1.10	22.98 0.77 -2.56	23.08 0.80 -1.80	24.90 0.76 -4.13	30.58 0.95 -5.91	41.35 0.97 -16.62	47.42 0.96 -22.41	40.00 1.01 -14.44	32.57 0.98 -7.18	30.47 0.79 -9.38	27.15 0.62 -10.57	26.95 0.48 -13.75

RUSSELL___1 23602	23.61 0.25 -0.65	20.47 0.27 -0.93	18.25 0.28 -1.34	18.27 0.27 -1.33	16.50 0.20 -1.92	18.66 0.22 -2.73	30.99 0.09 -1.75	36.25 0.00 -2.21	32.09 0.15 -2.58	26.77 0.28 -1.45	24.46 0.44 -0.60	22.00 0.17 -0.42	21.54 0.04 -0.20	20.22 0.10 -0.47	20.87 0.06 -0.33	20.84 0.08 -0.76	24.84 0.02 -1.09	26.79 -0.02 -3.05	28.13 -0.05 -4.12	27.06 -0.07 -2.58	25.65 -0.05 -1.28	21.93 -0.04 -1.67	17.87 0.03 -1.89	15.19 0.03 -2.45
RUSSELL___2 23532	23.61 0.25 -0.65	20.47 0.27 -0.93	18.25 0.28 -1.34	18.27 0.27 -1.33	16.50 0.20 -1.92	18.66 0.22 -2.73	30.99 0.09 -1.75	36.25 0.00 -2.21	32.09 0.15 -2.58	26.77 0.28 -1.45	24.46 0.44 -0.60	22.00 0.17 -0.42	21.54 0.04 -0.20	20.22 0.10 -0.47	20.87 0.06 -0.33	20.84 0.08 -0.76	24.84 0.02 -1.09	26.79 -0.02 -3.05	28.13 -0.05 -4.12	27.06 -0.07 -2.58	25.65 -0.05 -1.28	21.93 -0.04 -1.67	17.87 0.03 -1.89	15.19 0.03 -2.45
RUSSELL___3 23549	23.61 0.25 -0.65	20.47 0.27 -0.93	18.25 0.28 -1.34	18.27 0.27 -1.33	16.50 0.20 -1.92	18.66 0.22 -2.73	30.99 0.09 -1.75	36.25 0.00 -2.21	32.09 0.15 -2.58	26.77 0.28 -1.45	24.46 0.44 -0.60	22.00 0.17 -0.42	21.54 0.04 -0.20	20.22 0.10 -0.47	20.87 0.06 -0.33	20.84 0.08 -0.76	24.84 0.02 -1.09	26.79 -0.02 -3.05	28.13 -0.05 -4.12	27.06 -0.07 -2.58	25.65 -0.05 -1.28	21.93 -0.04 -1.67	17.87 0.03 -1.89	15.19 0.03 -2.45
RUSSELL___4 23556	23.61 0.25 -0.65	20.47 0.27 -0.93	18.25 0.28 -1.34	18.27 0.27 -1.33	16.50 0.20 -1.92	18.66 0.22 -2.73	30.99 0.09 -1.75	36.25 0.00 -2.21	32.09 0.15 -2.58	26.77 0.28 -1.45	24.46 0.44 -0.60	22.00 0.17 -0.42	21.54 0.04 -0.20	20.22 0.10 -0.47	20.87 0.06 -0.33	20.84 0.08 -0.76	24.84 0.02 -1.09	26.79 -0.02 -3.05	28.13 -0.05 -4.12	27.06 -0.07 -2.58	25.65 -0.05 -1.28	21.93 -0.04 -1.67	17.87 0.03 -1.89	15.19 0.03 -2.45
RUSSELL___STATION 23914	23.61 0.25 -0.65	20.47 0.27 -0.93	18.25 0.28 -1.34	18.27 0.27 -1.33	16.50 0.20 -1.92	18.66 0.22 -2.73	30.99 0.09 -1.75	36.25 0.00 -2.21	32.09 0.15 -2.58	26.77 0.28 -1.45	24.46 0.44 -0.60	22.00 0.17 -0.42	21.54 0.04 -0.20	20.22 0.10 -0.47	20.87 0.06 -0.33	20.84 0.08 -0.76	24.84 0.02 -1.09	26.79 -0.02 -3.05	28.13 -0.05 -4.12	27.06 -0.07 -2.58	25.65 -0.05 -1.28	21.93 -0.04 -1.67	17.87 0.03 -1.89	15.19 0.03 -2.45
S SALMON___HYD 24043	23.15 0.00 -0.44	19.92 0.02 -0.63	17.57 0.03 -0.91	17.62 0.05 -0.90	15.11 0.04 -0.68	17.30 0.06 -1.52	29.15 0.18 0.18	34.22 0.27 0.10	29.88 0.15 -0.37	24.87 0.03 0.19	23.76 0.00 -0.34	21.58 -0.11 -0.29	21.26 -0.17 -0.14	19.17 -0.18 0.30	20.12 -0.20 0.15	20.56 0.26 -0.30	23.47 -0.14 0.12	24.89 -0.07 -1.20	25.88 0.00 -1.82	25.10 -0.07 -0.62	24.02 -0.12 0.27	20.24 -0.04 0.01	16.25 -0.03 -0.32	13.62 -0.05 -0.95
S.PERRY___115KV_TB1 80734	24.33 0.84 -0.78	21.14 0.75 -1.12	18.93 0.70 -1.61	18.97 0.70 -1.60	17.26 0.58 -2.30	19.62 0.63 -3.28	32.16 0.90 -2.10	37.73 1.02 -2.67	33.33 0.85 -3.11	27.52 0.73 -1.75	24.89 0.75 -0.72	22.28 0.36 -0.51	21.75 0.21 -0.24	20.45 0.24 -0.57	21.10 0.23 -0.40	21.22 0.30 -0.91	25.42 0.38 -1.31	27.89 0.43 -3.70	29.52 0.48 -4.99	28.18 0.52 -3.11	26.45 0.49 -1.55	22.68 0.37 -2.02	18.55 0.32 -2.28	15.92 0.24 -2.96
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	23.27 -0.18 -0.74	20.28 -0.04 -1.05	18.20 0.05 -1.52	18.18 0.00 -1.51	16.54 -0.01 -2.17	18.75 -0.06 -3.10	30.41 -0.73 -1.98	35.32 -1.23 -2.50	31.34 -0.94 -2.92	26.03 -0.65 -1.64	23.72 -0.37 -0.68	21.31 -0.58 -0.48	20.82 -0.70 -0.23	19.63 -0.55 -0.53	20.22 -0.63 -0.37	20.24 -0.62 -0.86	24.11 -0.85 -1.23	26.37 -0.86 -3.47	27.70 -1.03 -4.68	26.45 -1.03 -2.92	24.97 -0.90 -1.45	21.51 -0.69 -1.90	17.68 -0.41 -2.14	15.23 -0.27 -2.78
SAWYER___23_KV_LOAD 55526	23.27 -0.18 -0.74	20.28 -0.04 -1.05	18.20 0.05 -1.52	18.18 0.00 -1.51	16.54 -0.01 -2.17	18.75 -0.06 -3.10	30.41 -0.73 -1.98	35.32 -1.23 -2.50	31.34 -0.94 -2.92	26.03 -0.65 -1.64	23.72 -0.37 -0.68	21.31 -0.58 -0.48	20.82 -0.70 -0.23	19.63 -0.55 -0.53	20.22 -0.63 -0.37	20.24 -0.62 -0.86	24.11 -0.85 -1.23	26.37 -0.86 -3.47	27.70 -1.03 -4.68	26.45 -1.03 -2.92	24.97 -0.90 -1.45	21.51 -0.69 -1.90	17.68 -0.41 -2.14	15.23 -0.27 -2.78
SELKIRK___I 23801	26.85 0.82 -3.33	24.78 0.77 -4.74	24.14 0.68 -6.83	24.14 0.68 -6.79	24.74 0.58 -9.78	30.25 0.60 -13.94	39.24 1.17 -8.92	46.66 1.33 -11.29	43.68 1.14 -13.18	33.36 0.90 -7.42	27.30 0.82 -3.06	24.30 0.73 -2.17	23.02 0.70 -1.03	22.72 0.67 -2.40	22.86 0.70 -1.69	24.55 0.68 -3.87	30.07 0.81 -5.53	40.21 0.88 -15.56	45.93 0.89 -20.99	39.00 0.88 -13.56	32.06 0.90 -6.74	29.82 0.71 -8.81	26.43 0.54 -9.93	26.06 0.43 -12.91
SELKIRK___II 23799	26.76 0.68 -3.37	24.71 0.63 -4.80	24.11 0.57 -6.92	24.11 0.57 -6.88	24.76 0.47 -9.90	30.30 0.47 -14.11	39.12 0.93 -9.03	46.59 1.12 -11.43	43.67 0.97 -13.34	33.33 0.78 -7.51	27.22 0.70 -3.10	24.26 0.66 -2.19	22.97 0.64 -1.04	22.69 0.61 -2.43	22.82 0.64 -1.71	24.54 0.62 -3.91	30.02 0.69 -5.60	40.25 0.74 -15.75	46.04 0.75 -21.24	39.02 0.74 -13.72	31.97 0.73 -6.82	29.80 0.59 -8.91	26.47 0.46 -10.05	26.14 0.36 -13.07
SENECA OSWGO___HYD 24041	23.15 -0.05 -0.49	19.95 -0.02 -0.70	17.62 -0.02 -1.01	17.67 0.00 -1.00	15.83 0.00 -1.45	17.73 -0.05 -2.06	30.41 -0.06 -1.32	35.68 -0.03 -1.67	31.28 -0.03 -1.95	26.01 -0.12 -1.10	23.77 -0.09 -0.45	21.55 -0.17 -0.32	21.23 -0.21 -0.15	19.81 -0.20 -0.35	20.52 -0.20 -0.25	21.03 0.50 -0.52	24.39 -0.16 -0.82	26.00 -0.07 -2.31	27.05 -0.12 -3.12	26.44 -0.10 -1.98	25.23 -0.17 -0.99	21.52 -0.06 -1.29	17.36 -0.05 -1.45	14.54 -0.06 -1.89
SENECA___115KV_TB3 355854	23.42 -0.05 -0.76	20.42 0.08 -1.08	18.31 0.13 -1.55	18.29 0.08 -1.54	16.66 0.06 -2.22	18.91 0.03 -3.17	30.71 -0.47 -2.03	35.71 -0.89 -2.55	31.70 -0.65 -2.98	26.27 -0.45 -1.68	23.94 -0.16 -0.69	21.47 -0.43 -0.49	20.97 -0.55 -0.23	19.78 -0.41 -0.54	20.35 -0.51 -0.38	20.40 -0.48 -0.88	24.32 -0.66 -1.26	26.61 -0.69 -3.54	27.99 -0.84 -4.77	26.68 -0.86 -2.98	25.19 -0.71 -1.48	21.67 -0.57 -1.94	17.80 -0.34 -2.18	15.35 -0.20 -2.84
SENECA___ENERGY 23797	23.71 0.32 -0.68	20.53 0.29 -0.97	18.29 0.27 -1.40	18.32 0.27 -1.39	16.63 0.24 -2.00	18.85 0.28 -2.85	31.47 0.50 -1.83	36.97 0.61 -2.31	32.59 0.53 -2.70	26.96 0.40 -1.52	24.49 0.44 -0.63	22.06 0.21 -0.44	21.61 0.11 -0.21	20.24 0.10 -0.49	20.97 0.14 -0.35	21.23 0.44 -0.78	24.86 0.07 -1.06	26.85 0.10 -2.99	28.26 0.17 -4.03	27.18 0.05 -2.58	25.72 0.02 -1.28	22.01 0.04 -1.67	17.86 0.02 -1.89	15.17 0.00 -2.45
SHOEMAKER___GT 23640	26.43 1.32 -2.41	23.76 1.06 -3.44	22.47 0.90 -4.95	22.47 0.88 -4.92	22.24 0.78 -7.08	26.71 0.90 -10.10	37.34 1.72 -6.46	44.23 2.01 -8.18	40.58 1.67 -9.54	31.91 1.50 -5.37	26.94 1.31 -2.22	24.13 1.15 -1.57	23.17 1.13 -0.75	22.43 1.04 -1.74	22.78 1.08 -1.22	23.89 1.08 -2.81	29.00 1.26 -4.01	36.28 1.23 -11.29	40.59 1.32 -15.22	35.66 1.28 -9.83	30.64 1.34 -4.89	27.68 0.99 -6.39	23.93 0.78 -7.20	22.74 0.66 -9.36

SHOEMAKR_138KV_BK 111 55601	26.42 1.32 -2.39	23.74 1.06 -3.41	22.44 0.90 -4.91	22.44 0.88 -4.89	22.19 0.78 -7.04	26.62 0.88 -10.03	37.26 1.69 -6.42	44.17 2.01 -8.12	40.51 1.67 -9.48	31.85 1.48 -5.34	26.93 1.31 -2.20	24.12 1.16 -1.56	23.16 1.13 -0.74	22.44 1.06 -1.73	22.78 1.09 -1.21	23.87 1.08 -2.78	28.97 1.23 -4.00	36.29 1.26 -11.26	40.52 1.27 -15.19	35.63 1.30 -9.77	30.59 1.32 -4.86	27.66 1.01 -6.35	23.90 0.80 -7.15	22.67 0.65 -9.30
SHOREHAM_IC_1 23715	28.78 3.32 -2.76	26.66 2.99 -4.41	25.23 2.54 -6.06	24.80 2.50 -5.63	26.61 2.20 -10.03	35.95 2.28 -17.96	44.87 5.16 -10.55	54.97 5.82 -15.11	46.97 5.14 -12.47	36.29 3.90 -7.35	34.28 3.54 -7.33	29.81 3.51 -4.90	26.00 3.36 -1.35	27.39 3.18 -4.56	28.62 3.38 -4.77	31.68 3.16 -8.52	37.22 3.77 -9.72	43.66 4.02 -15.89	49.56 3.85 -21.65	47.46 4.00 -18.90	39.00 3.71 -10.87	36.95 2.92 -13.73	34.67 2.49 -16.23	31.16 1.98 -16.46
SHOREHAM_IC_2 23716	28.78 3.32 -2.76	26.66 2.99 -4.41	25.23 2.54 -6.06	24.80 2.50 -5.63	26.61 2.20 -10.03	35.95 2.28 -17.96	44.87 5.16 -10.55	54.97 5.82 -15.11	46.97 5.14 -12.47	36.29 3.90 -7.35	34.28 3.54 -7.33	29.81 3.51 -4.90	26.00 3.36 -1.35	27.39 3.18 -4.56	28.62 3.38 -4.77	31.68 3.16 -8.52	37.22 3.77 -9.72	43.66 4.02 -15.89	49.56 3.85 -21.65	47.46 4.00 -18.90	39.00 3.71 -10.87	36.95 2.92 -13.73	34.67 2.49 -16.23	31.16 1.98 -16.46
SISSONVILLE____ 23735	22.27 -0.52 -0.08	18.94 -0.44 -0.12	16.36 -0.43 -0.17	16.42 -0.42 -0.17	7.60 -0.42 6.37	12.07 -0.46 3.19	13.92 -0.73 14.51	16.39 -0.75 16.90	14.22 -0.65 14.49	11.92 -0.65 12.47	22.15 -0.68 0.58	20.90 -0.56 -0.05	20.76 -0.55 -0.03	12.49 -0.53 6.63	15.86 -0.59 4.02	17.15 -0.58 2.28	14.11 -0.64 8.98	14.48 -0.55 8.74	13.93 -0.48 9.64	11.91 -0.54 12.10	11.58 -0.59 12.25	8.10 -0.47 11.73	6.70 -0.40 8.86	6.22 -0.33 6.17
SITHE_IND_GS1 24169	22.74 -0.39 -0.42	19.56 -0.31 -0.60	17.22 -0.27 -0.86	17.26 -0.27 -0.85	15.40 -0.22 -1.23	17.22 -0.25 -1.76	29.72 -0.55 -1.12	34.78 -0.68 -1.42	30.46 -0.56 -1.66	25.50 -0.48 -0.93	23.38 -0.42 -0.39	21.23 -0.45 -0.27	20.93 -0.49 -0.13	19.52 -0.43 -0.30	20.24 -0.45 -0.21	20.07 -0.42 -0.48	23.95 -0.50 -0.72	25.29 -0.50 -2.03	26.31 -0.48 -2.73	25.77 -0.54 -1.75	24.75 -0.54 -0.87	21.05 -0.39 -1.14	16.93 -0.30 -1.28	14.14 -0.24 -1.67
SITHE_IND_GS2 24170	22.74 -0.39 -0.42	19.56 -0.31 -0.60	17.22 -0.27 -0.86	17.26 -0.27 -0.85	15.40 -0.22 -1.23	17.22 -0.25 -1.76	29.72 -0.55 -1.12	34.78 -0.68 -1.42	30.46 -0.56 -1.66	25.50 -0.48 -0.93	23.38 -0.42 -0.39	21.23 -0.45 -0.27	20.93 -0.49 -0.13	19.52 -0.43 -0.30	20.24 -0.45 -0.21	20.07 -0.42 -0.48	23.95 -0.50 -0.72	25.29 -0.50 -2.03	26.31 -0.48 -2.73	25.77 -0.54 -1.75	24.75 -0.54 -0.87	21.05 -0.39 -1.14	16.93 -0.30 -1.28	14.14 -0.24 -1.67
SITHE_IND_GS3 24171	22.74 -0.39 -0.42	19.56 -0.31 -0.60	17.22 -0.27 -0.86	17.26 -0.27 -0.85	15.40 -0.22 -1.23	17.22 -0.25 -1.76	29.72 -0.55 -1.12	34.78 -0.68 -1.42	30.46 -0.56 -1.66	25.50 -0.48 -0.93	23.38 -0.42 -0.39	21.23 -0.45 -0.27	20.93 -0.49 -0.13	19.52 -0.43 -0.30	20.24 -0.45 -0.21	20.07 -0.42 -0.48	23.95 -0.50 -0.72	25.29 -0.50 -2.03	26.31 -0.48 -2.73	25.77 -0.54 -1.75	24.75 -0.54 -0.87	21.05 -0.39 -1.14	16.93 -0.30 -1.28	14.14 -0.24 -1.67
SITHE_IND_GS4 24172	22.74 -0.39 -0.42	19.56 -0.31 -0.60	17.22 -0.27 -0.86	17.26 -0.27 -0.85	15.40 -0.22 -1.23	17.22 -0.25 -1.76	29.72 -0.55 -1.12	34.78 -0.68 -1.42	30.46 -0.56 -1.66	25.50 -0.48 -0.93	23.38 -0.42 -0.39	21.23 -0.45 -0.27	20.93 -0.49 -0.13	19.52 -0.43 -0.30	20.24 -0.45 -0.21	20.07 -0.42 -0.48	23.95 -0.50 -0.72	25.29 -0.50 -2.03	26.31 -0.48 -2.73	25.77 -0.54 -1.75	24.75 -0.54 -0.87	21.05 -0.39 -1.14	16.93 -0.30 -1.28	14.14 -0.24 -1.67
SITHE____BATAVIA 24024	23.65 0.25 -0.70	20.55 0.29 -0.99	18.37 0.32 -1.43	18.39 0.30 -1.42	16.64 0.22 -2.05	18.82 0.19 -2.92	30.96 -0.06 -1.87	36.13 -0.27 -2.36	32.00 -0.12 -2.75	26.64 0.05 -1.55	24.29 0.23 -0.64	21.79 -0.06 -0.45	21.27 -0.23 -0.22	20.04 -0.12 -0.50	20.66 -0.16 -0.35	20.65 -0.16 -0.81	24.59 -0.26 -1.12	26.66 -0.26 -3.16	28.22 -0.10 -4.26	26.85 -0.44 -2.73	25.48 -0.29 -1.36	21.85 -0.22 -1.78	17.88 -0.08 -2.00	15.25 -0.06 -2.60
SITHE____INDEPEND 23800	22.74 -0.39 -0.42	19.56 -0.31 -0.60	17.22 -0.27 -0.86	17.26 -0.27 -0.85	15.40 -0.22 -1.23	17.22 -0.25 -1.76	29.72 -0.55 -1.12	34.78 -0.68 -1.42	30.46 -0.56 -1.66	25.50 -0.48 -0.93	23.38 -0.42 -0.39	21.23 -0.45 -0.27	20.93 -0.49 -0.13	19.52 -0.43 -0.30	20.24 -0.45 -0.21	20.07 -0.42 -0.49	23.92 -0.50 -0.69	25.22 -0.50 -1.95	26.16 -0.53 -2.63	25.81 -0.52 -1.77	24.76 -0.54 -0.88	21.06 -0.39 -1.15	16.95 -0.30 -1.29	14.16 -0.24 -1.68
SITHE____MASSENA 23902	22.28 -0.43 0.00	18.92 -0.35 0.00	16.28 -0.35 0.00	16.32 -0.35 0.00	6.06 -0.30 8.02	11.07 -0.35 4.29	10.69 -0.58 17.88	12.54 -0.65 20.85	10.82 -0.56 17.99	9.18 -0.50 15.36	22.10 -0.52 0.80	20.98 -0.43 0.00	20.91 -0.38 0.00	11.16 -0.37 8.12	15.15 -0.39 4.93	16.71 -0.42 2.88	12.18 -0.47 11.07	12.23 -0.43 11.10	11.24 -0.43 12.38	9.10 -0.37 15.09	8.93 -0.42 15.07	4.87 -0.33 15.10	3.23 -0.26 12.46	3.20 -0.20 9.31
SITHE____OGDNSBRG 24021	22.52 -0.25 -0.07	19.15 -0.21 -0.09	16.53 -0.23 -0.13	16.60 -0.20 -0.13	7.21 -0.20 6.96	11.95 -0.20 3.56	13.11 -0.26 15.78	15.49 -0.17 18.39	13.37 -0.21 15.79	11.21 -0.28 13.56	22.41 -0.35 0.65	21.17 -0.28 -0.04	21.01 -0.30 -0.02	12.18 -0.28 7.20	15.80 -0.31 4.37	17.17 -0.34 2.49	13.63 -0.33 9.76	13.97 -0.21 9.58	13.35 -0.10 10.61	11.21 -0.15 13.20	10.91 -0.20 13.32	7.14 -0.16 13.00	5.58 -0.16 10.22	5.24 -0.14 7.33
SITHE____STERLING 23777	23.78 0.79 -0.28	20.36 0.69 -0.40	17.80 0.60 -0.57	17.85 0.62 -0.57	15.73 0.53 -0.82	17.43 0.55 -1.17	31.18 1.28 -0.75	36.62 1.63 -0.94	31.85 1.38 -1.10	26.56 0.90 -0.62	24.47 0.80 -0.26	22.23 0.64 -0.18	21.93 0.55 -0.09	20.34 0.49 -0.20	21.11 0.49 -0.14	20.85 0.52 -0.33	24.83 0.66 -0.44	25.88 0.88 -1.24	26.60 0.86 -1.68	26.58 0.74 -1.29	25.64 0.59 -0.64	21.68 0.55 -0.84	17.30 0.40 -0.94	14.25 0.30 -1.23
SLEIGHT__34_KV_TB1 80719	23.45 0.09 -0.65	20.31 0.12 -0.92	18.09 0.13 -1.33	18.13 0.13 -1.32	16.40 0.12 -1.91	18.54 0.11 -2.72	30.98 0.09 -1.74	36.34 0.10 -2.20	32.11 0.18 -2.57	26.66 0.18 -1.44	24.41 0.40 -0.60	21.98 0.15 -0.42	21.53 0.04 -0.20	20.14 0.02 -0.47	21.54 0.74 -0.33	21.77 1.00 -0.77	24.70 -0.12 -1.09	26.72 -0.10 -3.06	28.03 -0.14 -4.12	26.94 -0.15 -2.53	25.48 -0.20 -1.26	21.82 -0.12 -1.65	17.71 -0.10 -1.86	15.05 -0.08 -2.41
SOUTH CAIRO____GT 23612	26.86 0.95 -3.20	24.75 0.92 -4.56	23.97 0.78 -6.56	24.01 0.82 -6.52	24.47 0.69 -9.40	29.81 0.71 -13.39	39.21 1.49 -8.57	46.65 1.77 -10.84	43.54 1.53 -12.65	33.21 1.05 -7.12	27.10 0.75 -2.94	24.06 0.58 -2.08	22.81 0.53 -0.99	22.49 0.53 -2.30	22.65 0.55 -1.62	24.28 0.56 -3.71	29.80 0.76 -5.31	39.64 0.93 -14.95	45.42 1.20 -20.16	38.66 1.08 -13.03	32.06 1.17 -6.47	29.63 0.87 -8.46	26.05 0.56 -9.54	25.55 0.43 -12.40

SOUTH HAMPTN___IC 23720	29.08 3.61 -2.76	26.93 3.26 -4.41	25.45 2.76 -6.06	25.02 2.72 -5.63	26.82 2.40 -10.03	36.23 2.56 -17.96	45.27 5.57 -10.55	55.52 6.36 -15.11	47.42 5.58 -12.47	36.74 4.36 -7.35	34.72 3.98 -7.33	30.20 3.90 -4.90	26.36 3.72 -1.35	27.73 3.52 -4.56	28.97 3.73 -4.76	32.06 3.54 -8.52	37.65 4.20 -9.72	44.02 4.37 -15.89	50.04 4.33 -21.65	47.83 4.37 -18.90	39.49 4.20 -10.87	37.27 3.25 -13.73	34.91 2.73 -16.23	31.32 2.15 -16.46
SOUTHDOW_115KV_TB1 355954	23.70 0.20 -0.79	20.66 0.27 -1.12	18.55 0.30 -1.62	18.51 0.23 -1.61	16.89 0.19 -2.32	19.28 0.27 -3.31	31.47 0.20 -2.12	36.86 0.17 -2.65	32.63 0.18 -3.09	26.85 0.08 -1.74	24.41 0.28 -0.72	21.85 -0.06 -0.51	21.34 -0.19 -0.24	20.10 -0.12 -0.56	20.65 -0.23 -0.40	20.71 -0.20 -0.91	24.65 -0.38 -1.30	27.08 -0.36 -3.67	28.55 -0.46 -4.95	27.13 -0.52 -3.09	25.61 -0.34 -1.54	21.98 -0.32 -2.01	18.08 -0.14 -2.27	15.57 -0.09 -2.95
SOUTHOLD_69_KV_BK 2 55809	29.42 3.95 -2.76	27.23 3.56 -4.40	25.72 3.04 -6.06	25.28 2.98 -5.63	27.04 2.63 -10.03	36.48 2.81 -17.95	45.82 6.12 -10.54	56.23 7.08 -15.10	48.00 6.17 -12.47	37.19 4.81 -7.34	35.16 4.43 -7.32	30.30 4.00 -4.89	26.72 4.09 -1.34	28.07 3.87 -4.55	29.33 4.10 -4.76	32.41 3.90 -8.50	38.13 4.67 -9.73	44.54 4.85 -15.93	50.52 4.74 -21.72	48.37 4.91 -18.90	39.99 4.71 -10.87	37.70 3.67 -13.73	35.10 2.92 -16.23	31.53 2.36 -16.46
SOUTHOLD___IC 23719	29.47 4.00 -2.76	27.24 3.56 -4.41	25.73 3.04 -6.06	25.28 2.98 -5.63	27.06 2.65 -10.03	36.48 2.81 -17.96	45.83 6.12 -10.55	56.24 7.08 -15.11	48.01 6.17 -12.47	37.20 4.81 -7.35	35.17 4.43 -7.33	30.59 4.28 -4.90	26.73 4.09 -1.35	28.06 3.85 -4.56	29.34 4.10 -4.76	32.42 3.90 -8.52	38.12 4.68 -9.72	44.49 4.85 -15.89	50.52 4.81 -21.65	48.34 4.89 -18.90	40.00 4.71 -10.87	37.70 3.67 -13.73	35.22 3.03 -16.23	31.55 2.38 -16.46
SOUTH_FORK_WT_PWR 323839	29.49 4.02 -2.76	27.29 3.62 -4.40	25.77 3.09 -6.06	25.33 3.03 -5.63	27.08 2.67 -10.03	36.56 2.89 -17.95	45.91 6.21 -10.54	56.33 7.18 -15.10	48.08 6.25 -12.47	37.31 4.93 -7.34	35.28 4.54 -7.32	30.41 4.11 -4.89	26.82 4.19 -1.34	28.17 3.97 -4.55	29.43 4.20 -4.76	32.51 4.00 -8.50	38.25 4.79 -9.73	44.61 4.92 -15.93	50.64 4.86 -21.72	48.41 4.96 -18.90	40.09 4.81 -10.87	37.74 3.71 -13.73	35.13 2.95 -16.23	31.56 2.39 -16.46
SPIERFLS_115KV_TB 1 80737	26.84 0.61 -3.52	24.85 0.56 -5.02	24.49 0.63 -7.23	24.52 0.67 -7.19	25.32 0.59 -10.35	31.20 0.74 -14.75	40.05 1.46 -9.44	47.69 1.70 -11.94	44.77 1.47 -13.94	33.99 1.10 -7.85	28.20 1.55 -3.24	25.04 1.35 -2.29	23.68 1.30 -1.09	23.21 1.02 -2.54	23.33 1.06 -1.79	25.00 0.90 -4.09	30.78 1.21 -5.84	40.96 0.76 -16.44	47.04 0.82 -22.17	39.58 0.74 -14.29	32.37 0.85 -7.10	30.15 0.57 -9.28	27.02 0.61 -10.46	26.75 0.43 -13.61
ST LAWRENCE___ 23600	22.05 -0.66 0.00	18.71 -0.56 0.00	16.13 -0.50 0.00	16.17 -0.50 0.00	5.62 -0.45 8.31	10.78 -0.49 4.45	9.72 -0.90 18.53	11.41 -1.02 21.61	9.84 -0.88 18.64	8.37 -0.75 15.92	21.86 -0.73 0.83	20.80 -0.60 0.00	20.76 -0.53 0.00	10.73 -0.51 8.41	14.83 -0.53 5.11	16.48 -0.54 2.98	11.61 -0.64 11.48	11.61 -0.64 11.51	10.55 -0.67 12.83	8.30 -0.61 15.64	8.16 -0.63 15.62	4.00 -0.53 15.77	2.36 -0.41 13.18	2.46 -0.33 9.92
STATE_CA_115KV_115_LB 55624	26.73 0.59 -3.43	24.79 0.64 -4.89	24.25 0.58 -7.04	24.25 0.58 -7.00	24.93 0.47 -10.08	30.50 0.42 -14.37	39.22 0.87 -9.20	46.83 1.16 -11.63	43.94 1.00 -13.57	33.46 0.78 -7.64	27.27 0.70 -3.15	24.30 0.66 -2.23	23.01 0.66 -1.06	22.73 0.61 -2.47	22.85 0.63 -1.74	24.61 0.62 -3.98	30.14 0.71 -5.70	40.57 0.76 -16.05	46.44 0.75 -21.64	39.26 0.76 -13.94	32.10 0.76 -6.93	29.96 0.61 -9.06	26.63 0.46 -10.21	26.35 0.36 -13.28
STATE_ST_34_KV_LOAD 55959	23.93 0.54 -0.68	20.72 0.48 -0.97	18.45 0.43 -1.39	18.49 0.43 -1.38	16.76 0.39 -1.99	19.13 0.58 -2.84	31.82 0.85 -1.82	37.36 1.02 -2.30	32.93 0.88 -2.69	27.48 0.93 -1.51	24.95 0.91 -0.62	22.49 0.64 -0.44	22.05 0.55 -0.21	20.65 0.51 -0.49	21.48 0.66 -0.34	21.80 1.00 -0.79	25.37 0.52 -1.12	27.31 0.40 -3.14	28.82 0.53 -4.24	27.50 0.37 -2.58	26.18 0.49 -1.28	22.25 0.28 -1.67	18.05 0.21 -1.89	15.31 0.14 -2.45
STATION 5_MISC_HYD 23604	23.54 0.18 -0.65	20.41 0.21 -0.93	18.18 0.22 -1.34	18.21 0.22 -1.33	16.45 0.16 -1.92	18.60 0.16 -2.73	30.87 -0.03 -1.75	36.12 -0.14 -2.21	31.94 0.00 -2.58	26.64 0.15 -1.45	24.32 0.30 -0.60	21.89 0.06 -0.42	21.45 -0.04 -0.20	20.12 0.00 -0.47	20.77 -0.04 -0.33	20.74 -0.02 -0.76	24.69 -0.09 -1.05	26.60 -0.12 -2.96	28.07 0.02 -3.99	26.84 -0.27 -2.56	25.52 -0.17 -1.27	21.84 -0.12 -1.66	17.78 -0.05 -1.87	15.11 -0.04 -2.43
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	23.70 0.34 -0.66	20.53 0.33 -0.94	18.29 0.32 -1.35	18.33 0.32 -1.34	16.58 0.27 -1.93	18.73 0.27 -2.75	31.32 0.41 -1.76	36.75 0.48 -2.23	32.46 0.50 -2.60	26.95 0.45 -1.46	24.51 0.49 -0.60	22.07 0.24 -0.43	21.62 0.13 -0.20	20.24 0.12 -0.47	20.97 0.16 -0.33	21.03 0.26 -0.76	24.94 0.12 -1.09	26.99 0.17 -3.06	28.31 0.12 -4.13	27.25 0.12 -2.57	25.76 0.07 -1.28	22.05 0.08 -1.67	17.93 0.10 -1.88	15.22 0.06 -2.44
STA_56_34_KV_BUS2_REV_LBMP_B 345033	23.40 0.05 -0.65	20.29 0.10 -0.93	18.08 0.12 -1.33	18.09 0.10 -1.33	16.36 0.07 -1.91	18.50 0.06 -2.72	30.75 -0.15 -1.74	35.97 -0.27 -2.20	31.82 -0.12 -2.57	26.54 0.05 -1.45	24.32 0.30 -0.60	21.89 0.06 -0.42	21.43 -0.06 -0.20	20.10 -0.02 -0.47	20.66 -0.14 -0.33	20.64 -0.12 -0.75	24.62 -0.19 -1.08	26.59 -0.21 -3.04	27.90 -0.26 -4.10	26.85 -0.27 -2.57	25.42 -0.27 -1.28	21.76 -0.20 -1.67	17.72 -0.11 -1.88	15.07 -0.09 -2.44
STA_56___34_KV_BUS2 355983	23.40 0.05 -0.65	20.29 0.10 -0.93	18.08 0.12 -1.33	18.09 0.10 -1.33	16.36 0.07 -1.91	18.50 0.06 -2.72	30.75 -0.15 -1.74	35.97 -0.27 -2.20	31.82 -0.12 -2.57	26.54 0.05 -1.45	24.32 0.30 -0.60	21.89 0.06 -0.42	21.43 -0.06 -0.20	20.10 -0.02 -0.47	20.66 -0.14 -0.33	20.64 -0.12 -0.75	24.62 -0.19 -1.08	26.59 -0.21 -3.04	27.90 -0.26 -4.10	26.85 -0.27 -2.57	25.42 -0.27 -1.28	21.76 -0.20 -1.67	17.72 -0.11 -1.88	15.07 -0.09 -2.44
STA_67___115KV_BK2 355882	23.49 0.14 -0.65	20.37 0.17 -0.93	18.16 0.20 -1.34	18.18 0.18 -1.33	16.44 0.14 -1.91	18.58 0.14 -2.73	30.81 -0.09 -1.75	36.05 -0.20 -2.21	31.88 -0.06 -2.58	26.57 0.08 -1.45	24.27 0.26 -0.60	21.85 0.02 -0.42	21.39 -0.11 -0.20	20.08 -0.04 -0.47	20.72 -0.08 -0.33	20.70 -0.06 -0.76	24.67 -0.14 -1.09	26.65 -0.17 -3.05	27.96 -0.22 -4.12	26.89 -0.25 -2.58	25.48 -0.22 -1.28	21.81 -0.16 -1.67	17.78 -0.06 -1.89	15.13 -0.04 -2.45
STA_7___115KV_9TRANS 80674	23.61 0.25 -0.65	20.47 0.27 -0.93	18.25 0.28 -1.34	18.27 0.27 -1.33	16.50 0.20 -1.92	18.66 0.22 -2.73	30.99 0.09 -1.75	36.25 0.00 -2.21	32.09 0.15 -2.58	26.77 0.28 -1.45	24.46 0.44 -0.60	22.00 0.17 -0.42	21.54 0.04 -0.20	20.22 0.10 -0.47	20.87 0.06 -0.33	20.84 0.08 -0.76	24.84 0.02 -1.09	26.79 -0.02 -3.05	28.13 -0.05 -4.12	27.06 -0.07 -2.58	25.65 -0.05 -1.28	21.93 -0.04 -1.67	17.87 0.03 -1.89	15.19 0.03 -2.45

STA_82___115KV_TB1 80780	23.52 0.16 -0.65	20.39 0.19 -0.93	18.17 0.20 -1.34	18.19 0.18 -1.33	16.44 0.14 -1.92	18.59 0.14 -2.74	30.85 -0.06 -1.75	36.09 -0.17 -2.21	31.92 -0.03 -2.58	26.59 0.10 -1.46	24.30 0.28 -0.60	21.87 0.04 -0.43	21.41 -0.09 -0.20	20.10 -0.02 -0.47	20.75 -0.06 -0.33	20.72 -0.04 -0.76	24.67 -0.14 -1.09	26.66 -0.17 -3.06	27.97 -0.22 -4.13	26.92 -0.22 -2.58	25.50 -0.20 -1.28	21.83 -0.14 -1.68	17.78 -0.06 -1.89	15.14 -0.04 -2.46
STEEL___WIND 323596	23.39 -0.07 -0.76	20.40 0.06 -1.08	18.28 0.10 -1.55	18.28 0.07 -1.54	16.64 0.04 -2.22	18.89 0.02 -3.17	30.68 -0.50 -2.03	35.68 -0.92 -2.55	31.67 -0.67 -2.98	26.24 -0.48 -1.68	23.90 -0.21 -0.69	21.47 -0.43 -0.49	20.95 -0.57 -0.23	19.76 -0.43 -0.54	20.33 -0.53 -0.38	20.38 -0.50 -0.88	24.28 -0.66 -1.22	26.50 -0.69 -3.42	28.10 -0.58 -4.62	26.54 -0.98 -2.96	25.16 -0.73 -1.47	21.63 -0.59 -1.93	17.77 -0.35 -2.17	15.28 -0.25 -2.82
STEPHTWN_115KV_BK_2 55603	26.80 0.70 -3.39	24.83 0.73 -4.83	24.25 0.67 -6.96	24.25 0.67 -6.92	24.89 0.55 -9.97	30.43 0.52 -14.20	39.35 1.11 -9.09	46.97 1.43 -11.50	44.05 1.26 -13.42	33.52 0.93 -7.56	27.35 0.82 -3.12	24.36 0.75 -2.21	23.09 0.75 -1.05	22.78 0.69 -2.44	22.91 0.72 -1.72	24.64 0.70 -3.94	30.20 0.83 -5.64	40.58 0.95 -15.87	46.40 0.94 -21.40	39.33 0.98 -13.79	32.22 0.95 -6.85	30.05 0.79 -8.96	26.64 0.59 -10.10	26.29 0.45 -13.13
STEBEN_REC_LFGE 323667	24.13 0.52 -0.90	21.07 0.52 -1.28	18.96 0.48 -1.85	18.97 0.47 -1.84	17.44 0.42 -2.64	19.92 0.44 -3.77	32.09 0.52 -2.41	37.54 0.41 -3.09	33.35 0.38 -3.60	27.44 0.38 -2.03	24.74 0.49 -0.84	22.15 0.15 -0.59	21.55 -0.02 -0.28	20.31 0.00 -0.66	20.96 0.02 -0.46	21.14 0.08 -1.06	25.32 0.07 -1.52	28.10 0.05 -4.29	29.81 -0.02 -5.78	28.08 -0.07 -3.59	26.15 -0.05 -1.79	22.53 -0.10 -2.33	18.55 -0.03 -2.63	16.11 -0.03 -3.42
STILLWATER___SOLAR 323814	27.21 1.00 -3.50	25.17 0.91 -5.00	24.64 0.81 -7.20	24.65 0.83 -7.15	25.40 0.72 -10.30	31.23 0.83 -14.68	40.18 1.63 -9.40	47.87 1.94 -11.89	44.88 1.64 -13.87	34.13 1.28 -7.81	27.97 1.33 -3.22	24.84 1.16 -2.28	23.48 1.11 -1.09	23.14 0.96 -2.53	23.26 1.00 -1.78	25.06 0.98 -4.07	30.80 1.26 -5.81	41.30 1.19 -16.35	47.33 1.23 -22.05	39.99 1.23 -14.21	32.75 1.27 -7.06	30.48 0.95 -9.23	27.14 0.78 -10.40	26.84 0.60 -13.53
STONY___BROOK 24151	28.62 3.16 -2.76	26.47 2.79 -4.41	25.07 2.38 -6.06	24.62 2.32 -5.63	26.47 2.06 -10.03	35.97 2.29 -17.96	44.34 4.64 -10.55	54.33 5.17 -15.11	46.45 4.61 -12.47	36.32 3.93 -7.35	34.33 3.58 -7.33	29.75 3.45 -4.90	25.96 3.32 -1.35	27.34 3.12 -4.56	28.54 3.30 -4.77	31.68 3.16 -8.52	37.19 3.75 -9.72	43.26 3.61 -15.89	49.36 3.66 -21.65	47.02 3.56 -18.90	39.02 3.74 -10.87	36.85 2.82 -13.73	34.51 2.33 -16.23	31.03 1.86 -16.46
STURGEON_POOL_HYD 23609	26.97 1.48 -2.79	24.36 1.12 -3.97	23.28 0.93 -5.72	23.27 0.92 -5.69	23.38 0.81 -8.19	28.25 0.86 -11.68	38.46 1.84 -7.47	45.64 2.14 -9.45	42.22 1.82 -11.03	32.85 1.60 -6.21	27.34 1.36 -2.56	24.42 1.20 -1.81	23.31 1.15 -0.86	22.76 1.10 -2.01	23.02 1.13 -1.41	24.37 1.12 -3.24	29.64 1.26 -4.66	38.20 1.33 -13.10	43.03 1.30 -17.67	37.34 1.40 -11.39	31.39 1.32 -5.66	28.75 1.06 -7.40	25.12 0.83 -8.34	24.26 0.70 -10.84
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	26.63 1.45 -2.47	23.94 1.16 -3.52	22.67 0.98 -5.07	22.69 0.98 -5.03	22.48 0.85 -7.25	26.97 0.93 -10.34	37.66 1.89 -6.62	44.62 2.21 -8.37	40.98 1.85 -9.77	32.17 1.63 -5.50	27.11 1.43 -2.27	24.27 1.26 -1.61	23.29 1.23 -0.77	22.59 1.16 -1.78	22.94 1.21 -1.25	24.07 1.20 -2.87	29.21 1.35 -4.12	36.77 1.40 -11.60	41.07 1.37 -15.65	36.06 1.45 -10.06	30.83 1.42 -5.00	27.95 1.12 -6.53	24.20 0.88 -7.36	23.02 0.72 -9.58
SWANROAD_115KV_TB1 355699	22.86 -0.57 -0.72	19.95 -0.35 -1.03	17.88 -0.23 -1.49	17.86 -0.28 -1.48	16.26 -0.24 -2.13	18.42 -0.33 -3.03	29.84 -1.25 -1.94	34.58 -1.91 -2.45	30.67 -1.56 -2.86	25.52 -1.13 -1.61	23.28 -0.80 -0.66	20.91 -0.96 -0.47	20.41 -1.11 -0.22	19.27 -0.90 -0.52	19.84 -1.00 -0.37	19.86 -0.98 -0.84	23.65 -1.28 -1.21	25.82 -1.33 -3.39	27.09 -1.54 -4.58	25.90 -1.52 -2.86	24.50 -1.34 -1.42	21.10 -1.06 -1.86	17.36 -0.69 -2.10	14.97 -0.47 -2.73
SYNERGY___BIOGAS 323694	23.65 0.25 -0.70	20.55 0.29 -0.99	18.37 0.32 -1.43	18.39 0.30 -1.42	16.64 0.22 -2.05	18.82 0.19 -2.92	30.96 -0.06 -1.87	36.13 -0.27 -2.36	32.00 -0.12 -2.75	26.64 0.05 -1.55	24.29 0.23 -0.64	21.79 -0.06 -0.45	21.27 -0.23 -0.22	20.04 -0.12 -0.50	20.66 -0.16 -0.35	20.65 -0.16 -0.81	24.59 -0.26 -1.12	26.66 -0.26 -3.16	28.22 -0.10 -4.26	26.85 -0.44 -2.73	25.48 -0.29 -1.36	21.85 -0.22 -1.78	17.88 -0.08 -2.00	15.25 -0.06 -2.60
SYRACUSE___ENERGY_ST1 323597	23.68 0.36 -0.60	20.46 0.33 -0.86	18.17 0.30 -1.24	18.20 0.30 -1.23	16.43 0.27 -1.78	18.53 0.28 -2.53	31.30 0.52 -1.62	36.74 0.65 -2.05	32.32 0.56 -2.40	26.81 0.43 -1.35	24.39 0.42 -0.56	22.05 0.26 -0.39	21.69 0.21 -0.19	20.26 0.18 -0.44	21.01 0.23 -0.31	21.33 0.62 -0.70	24.85 0.12 -1.01	26.76 0.17 -2.83	27.99 0.12 -3.81	27.00 0.15 -2.30	25.66 0.10 -1.14	21.93 0.14 -1.49	17.73 0.10 -1.68	14.97 0.06 -2.19
SYRACUSE___ENERGY_ST2 323598	23.68 0.36 -0.60	20.46 0.33 -0.86	18.17 0.30 -1.24	18.20 0.30 -1.23	16.43 0.27 -1.78	18.53 0.28 -2.53	31.30 0.52 -1.62	36.74 0.65 -2.05	32.32 0.56 -2.40	26.81 0.43 -1.35	24.39 0.42 -0.56	22.05 0.26 -0.39	21.69 0.21 -0.19	20.26 0.18 -0.44	21.01 0.23 -0.31	21.33 0.62 -0.70	24.85 0.12 -1.01	26.76 0.17 -2.83	27.99 0.12 -3.81	27.00 0.15 -2.30	25.66 0.10 -1.14	21.93 0.14 -1.49	17.73 0.10 -1.68	14.97 0.06 -2.19
SYRACUSE___POWER 24017	23.59 0.27 -0.61	20.39 0.25 -0.87	18.09 0.22 -1.25	18.13 0.22 -1.24	16.37 0.20 -1.79	18.46 0.20 -2.55	31.19 0.41 -1.63	36.58 0.48 -2.06	32.18 0.41 -2.41	26.72 0.33 -1.36	24.30 0.33 -0.56	21.99 0.19 -0.40	21.61 0.13 -0.19	20.21 0.12 -0.44	20.93 0.14 -0.31	20.99 0.28 -0.71	24.85 0.09 -1.02	26.78 0.14 -2.88	28.03 0.10 -3.88	27.02 0.12 -2.34	25.65 0.07 -1.16	21.92 0.10 -1.52	17.73 0.06 -1.71	14.98 0.04 -2.23
TALLMAN___138KV_BK151 55660	26.81 1.59 -2.52	24.13 1.27 -3.59	22.88 1.08 -5.17	22.87 1.07 -5.14	22.71 0.93 -7.40	27.30 1.04 -10.55	37.97 2.07 -6.75	45.03 2.45 -8.54	41.35 2.03 -9.97	32.43 1.78 -5.61	27.32 1.59 -2.32	24.48 1.43 -1.64	23.48 1.41 -0.78	22.78 1.32 -1.81	23.13 1.37 -1.28	24.29 1.36 -2.93	29.46 1.52 -4.21	37.18 1.57 -11.85	41.58 1.54 -15.98	36.44 1.60 -10.28	31.11 1.59 -5.11	28.22 1.24 -6.68	24.47 0.99 -7.53	23.32 0.81 -9.79
TEALLAVE_115KV_TB7 355573	23.42 0.16 -0.56	20.22 0.15 -0.79	17.92 0.15 -1.14	17.95 0.15 -1.14	16.16 0.14 -1.64	18.19 0.14 -2.33	30.88 0.23 -1.49	36.20 0.27 -1.89	31.83 0.26 -2.20	26.48 0.20 -1.24	24.14 0.21 -0.51	21.85 0.09 -0.36	21.48 0.02 -0.17	20.07 0.02 -0.40	20.80 0.04 -0.28	20.81 0.16 -0.65	24.67 0.00 -0.94	26.44 0.02 -2.65	27.61 -0.02 -3.57	26.74 0.02 -2.16	25.46 -0.02 -1.07	21.74 0.04 -1.40	17.55 0.02 -1.58	14.77 0.00 -2.06

TELGRAPH_34_KV_EAST 80808	23.35 -0.07 -0.71	20.33 0.06 -1.01	18.19 0.12 -1.45	18.19 0.08 -1.44	16.50 0.04 -2.08	18.67 0.00 -2.96	30.52 -0.52 -1.90	35.52 -0.92 -2.39	31.48 -0.68 -2.79	26.19 -0.43 -1.57	23.90 -0.16 -0.65	21.46 -0.41 -0.46	20.96 -0.55 -0.22	19.75 -0.41 -0.51	20.34 -0.49 -0.36	20.34 -0.48 -0.82	24.24 -0.66 -1.18	26.41 -0.67 -3.31	27.68 -0.84 -4.47	26.54 -0.81 -2.80	25.10 -0.71 -1.39	21.56 -0.55 -1.82	17.68 -0.32 -2.05	15.17 -0.20 -2.66
TEMPLE___115KV_TB 2 55572	23.45 0.18 -0.56	20.24 0.17 -0.80	17.95 0.17 -1.15	17.98 0.17 -1.15	16.19 0.16 -1.65	18.22 0.16 -2.35	30.92 0.26 -1.51	36.25 0.31 -1.91	31.88 0.29 -2.22	26.52 0.23 -1.25	24.19 0.26 -0.52	21.88 0.11 -0.37	21.53 0.06 -0.17	20.11 0.06 -0.40	20.82 0.06 -0.28	20.82 0.16 -0.65	24.70 0.02 -0.95	26.48 0.05 -2.67	27.66 0.00 -3.61	26.78 0.05 -2.18	25.50 0.00 -1.08	21.75 0.04 -1.41	17.58 0.03 -1.59	14.80 0.01 -2.07
TIANA___69_KV_BK 1 55817	28.97 3.50 -2.76	26.83 3.16 -4.40	25.38 2.69 -6.06	24.95 2.65 -5.63	26.74 2.33 -10.03	36.15 2.48 -17.95	45.12 5.42 -10.54	55.34 6.20 -15.10	47.26 5.43 -12.47	36.61 4.23 -7.34	34.60 3.86 -7.32	29.81 3.51 -4.89	26.27 3.64 -1.34	27.64 3.44 -4.55	28.88 3.64 -4.76	31.97 3.46 -8.50	37.54 4.08 -9.73	43.95 4.25 -15.93	49.87 4.09 -21.72	47.73 4.27 -18.90	39.36 4.08 -10.87	37.19 3.17 -13.73	34.73 2.55 -16.23	31.26 2.09 -16.46
TILDEN___115KV_TB1 80814	23.59 0.27 -0.61	20.39 0.25 -0.87	18.09 0.22 -1.25	18.13 0.22 -1.24	16.37 0.20 -1.79	18.46 0.20 -2.55	31.19 0.41 -1.63	36.58 0.48 -2.06	32.18 0.41 -2.41	26.72 0.33 -1.36	24.30 0.33 -0.56	21.99 0.19 -0.40	21.61 0.13 -0.19	20.21 0.12 -0.44	20.93 0.14 -0.31	20.99 0.28 -0.71	24.85 0.09 -1.02	26.78 0.14 -2.88	28.03 0.10 -3.88	27.02 0.12 -2.34	25.65 0.07 -1.16	21.92 0.10 -1.52	17.73 0.06 -1.71	14.98 0.04 -2.23
TRIGEN___CC 323695	27.51 2.04 -2.76	25.36 1.70 -4.40	24.13 1.45 -6.05	23.72 1.42 -5.63	25.65 1.25 -10.02	35.08 1.41 -17.95	42.37 2.68 -10.54	52.30 3.17 -15.10	44.49 2.67 -12.46	34.83 2.45 -7.34	32.96 2.22 -7.32	28.33 2.03 -4.89	24.63 2.00 -1.34	26.07 1.87 -4.55	27.16 1.92 -4.75	30.40 1.90 -8.50	35.61 2.16 -9.73	41.80 2.11 -15.93	47.84 2.07 -21.71	45.61 2.16 -18.89	37.45 2.17 -10.86	35.71 1.68 -13.72	33.52 1.34 -16.22	30.27 1.11 -16.45
TRINITY___115KV__ 4 BK 55933	26.63 0.52 -3.40	24.67 0.56 -4.85	24.12 0.52 -6.98	24.12 0.52 -6.94	24.79 0.42 -9.99	30.33 0.38 -14.24	39.03 0.76 -9.12	46.59 1.02 -11.53	43.70 0.88 -13.46	33.32 0.70 -7.58	27.17 0.63 -3.13	24.22 0.60 -2.21	22.94 0.60 -1.05	22.67 0.57 -2.45	22.79 0.59 -1.72	24.51 0.56 -3.95	30.02 0.64 -5.65	40.33 0.67 -15.91	46.18 0.67 -21.45	39.04 0.66 -13.82	31.97 0.68 -6.87	29.82 0.55 -8.98	26.49 0.41 -10.12	26.19 0.32 -13.16
UNION___PROCESSING_DRP 323587	23.52 0.16 -0.65	20.39 0.19 -0.93	18.18 0.22 -1.34	18.20 0.20 -1.33	16.46 0.16 -1.92	18.61 0.16 -2.74	30.85 -0.06 -1.75	36.09 -0.17 -2.22	31.92 -0.03 -2.59	26.62 0.13 -1.46	24.32 0.30 -0.60	21.87 0.04 -0.43	21.43 -0.06 -0.20	20.10 -0.02 -0.47	20.75 -0.06 -0.33	20.72 -0.04 -0.76	24.70 -0.12 -1.09	26.68 -0.14 -3.06	27.99 -0.19 -4.13	26.92 -0.22 -2.58	25.50 -0.20 -1.28	21.83 -0.14 -1.68	17.80 -0.05 -1.89	15.15 -0.03 -2.46
UPPER HUDSON___HYD 24058	26.84 0.61 -3.52	24.85 0.56 -5.02	24.49 0.63 -7.23	24.52 0.67 -7.19	25.32 0.59 -10.35	31.20 0.74 -14.75	40.05 1.46 -9.44	47.68 1.70 -11.94	44.76 1.47 -13.93	33.98 1.10 -7.84	28.20 1.54 -3.24	25.07 1.37 -2.29	23.68 1.30 -1.09	23.21 1.02 -2.54	23.33 1.06 -1.79	24.98 0.90 -4.07	30.77 1.21 -5.83	40.92 0.76 -16.39	46.98 0.82 -22.11	39.58 0.74 -14.28	32.37 0.85 -7.10	30.14 0.57 -9.28	27.02 0.61 -10.46	26.75 0.43 -13.60
UPPER RAQUET___HYD 24056	22.27 -0.52 -0.08	18.94 -0.44 -0.12	16.36 -0.43 -0.17	16.42 -0.42 -0.17	7.60 -0.42 6.37	12.07 -0.46 3.19	13.92 -0.73 14.51	16.39 -0.75 16.90	14.22 -0.65 14.49	11.92 -0.65 12.47	22.15 -0.68 0.58	20.88 -0.58 -0.05	20.76 -0.55 -0.03	12.49 -0.53 6.63	15.86 -0.59 4.02	17.15 -0.58 2.27	14.08 -0.66 8.99	14.45 -0.55 8.77	13.81 -0.55 9.69	11.95 -0.52 12.09	11.59 -0.59 12.24	8.12 -0.47 11.71	6.71 -0.40 8.85	6.24 -0.33 6.15
VALLEY44_115KV_TB2 355964	23.14 -0.36 -0.80	20.20 -0.21 -1.14	18.13 -0.13 -1.64	18.12 -0.18 -1.63	16.57 -0.16 -2.35	18.90 -0.16 -3.35	30.77 -0.52 -2.14	36.01 -0.71 -2.68	31.81 -0.68 -3.13	26.17 -0.63 -1.76	23.79 -0.35 -0.73	21.30 -0.62 -0.51	20.81 -0.72 -0.24	19.63 -0.59 -0.57	20.20 -0.68 -0.40	20.28 -0.64 -0.92	24.20 -0.85 -1.32	26.67 -0.81 -3.72	28.13 -0.94 -5.01	26.73 -0.96 -3.13	25.12 -0.85 -1.56	21.62 -0.71 -2.03	17.78 -0.46 -2.29	15.35 -0.34 -2.98
VALLEY___115KV_TB 1-4 80826	23.32 0.54 -0.06	19.84 0.48 -0.09	17.18 0.42 -0.13	17.22 0.42 -0.13	15.39 0.35 -0.67	16.54 0.30 -0.53	31.18 0.79 -1.24	36.39 0.89 -1.46	31.45 0.76 -1.33	26.55 0.45 -1.06	23.97 0.44 -0.11	21.85 0.41 -0.04	21.65 0.34 -0.02	20.46 0.28 -0.53	21.07 0.27 -0.33	20.49 0.24 -0.24	24.83 0.33 -0.77	25.21 0.48 -0.97	25.55 0.34 -1.16	26.10 0.39 -1.15	25.66 0.22 -1.02	21.65 0.28 -1.07	17.10 0.21 -0.94	13.69 0.17 -0.81
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	25.50 1.43 -1.36	22.42 1.21 -1.94	20.45 1.03 -2.79	20.51 1.07 -2.78	19.30 0.92 -4.00	22.50 1.08 -5.70	34.90 2.10 -3.65	41.28 2.62 -4.62	36.98 2.23 -5.39	29.90 1.83 -3.03	26.31 1.64 -1.25	23.70 1.41 -0.89	22.97 1.26 -0.42	21.79 1.16 -0.98	22.33 1.17 -0.69	22.77 1.18 -1.58	27.43 1.42 -2.28	31.71 1.54 -6.40	34.28 1.59 -8.64	31.58 1.55 -5.48	28.65 1.51 -2.72	25.03 1.18 -3.56	20.87 0.91 -4.01	18.64 0.71 -5.22
VISCHER___FERRY HYD 24020	27.04 0.88 -3.45	24.98 0.79 -4.92	24.41 0.70 -7.09	24.43 0.72 -7.05	25.13 0.60 -10.15	30.83 0.66 -14.46	39.72 1.31 -9.26	47.31 1.57 -11.70	44.37 1.35 -13.66	33.80 1.08 -7.69	27.62 1.03 -3.17	24.57 0.92 -2.25	23.25 0.89 -1.07	22.94 0.81 -2.49	23.07 0.84 -1.75	24.83 0.84 -3.99	30.48 1.04 -5.70	40.88 1.07 -16.05	46.78 1.08 -21.64	39.62 1.08 -13.98	32.44 1.07 -6.95	30.21 0.83 -9.08	26.86 0.67 -10.24	26.54 0.51 -13.32
V_A_10_SYNC_DSASP 323832	23.26 -0.14 -0.69	20.23 -0.02 -0.98	18.07 0.03 -1.41	18.08 0.02 -1.40	16.41 0.01 -2.01	18.54 -0.05 -2.87	30.38 -0.61 -1.84	35.34 -1.02 -2.32	31.31 -0.76 -2.71	26.06 -0.50 -1.52	23.79 -0.26 -0.63	21.42 -0.43 -0.45	20.93 -0.57 -0.21	19.71 -0.43 -0.49	20.31 -0.51 -0.35	20.30 -0.50 -0.80	24.17 -0.66 -1.11	26.18 -0.69 -3.11	27.68 -0.58 -4.20	26.32 -0.93 -2.69	25.02 -0.73 -1.34	21.50 -0.55 -1.75	17.59 -0.34 -1.97	15.04 -0.24 -2.56
V_CMM_10_SYNC_DSASP 323787	22.14 -0.57 0.00	18.79 -0.48 0.00	16.18 -0.45 0.00	16.22 -0.45 0.00	5.68 -0.39 8.31	10.84 -0.42 4.45	9.84 -0.79 18.53	11.54 -0.89 21.61	9.96 -0.76 18.64	8.47 -0.65 15.92	21.96 -0.63 0.83	20.89 -0.51 0.00	20.82 -0.47 0.00	10.79 -0.45 8.41	14.89 -0.47 5.11	16.54 -0.48 2.98	11.68 -0.57 11.48	11.68 -0.57 11.51	10.65 -0.58 12.83	8.40 -0.52 15.64	8.26 -0.54 15.62	4.08 -0.45 15.77	2.42 -0.35 13.18	2.51 -0.28 9.92

V_CMP_10_SYNC_DSASP 323788	22.28 -0.43 0.00	18.83 -0.44 0.00	16.14 -0.48 0.00	16.18 -0.48 0.00	5.70 -0.46 8.22	10.94 -0.38 4.40	9.64 -1.20 18.31	11.35 -1.33 21.36	9.73 -1.21 18.43	8.41 -0.90 15.73	21.83 -0.77 0.82	20.65 -0.75 0.00	20.76 -0.53 0.00	10.71 -0.63 8.32	14.79 -0.63 5.06	16.40 -0.66 2.95	11.72 -0.66 11.34	11.67 -0.71 11.37	10.65 -0.72 12.68	8.14 -0.96 15.46	7.93 -1.05 15.44	-0.11 -0.93 19.48	-6.86 -0.77 22.05	-6.91 -0.61 19.01
V_E_10_SYNC_DSASP 323830	25.61 1.79 -1.11	22.41 1.56 -1.58	20.23 1.33 -2.28	20.32 1.38 -2.26	18.82 1.18 -3.26	21.65 1.29 -4.65	34.99 2.86 -2.97	40.12 2.32 -3.77	35.58 1.82 -4.39	28.72 1.20 -2.47	25.44 1.01 -1.02	22.85 0.73 -0.72	22.21 0.58 -0.34	20.98 0.53 -0.80	21.63 0.59 -0.56	22.56 1.26 -1.30	27.09 1.57 -1.80	30.69 1.88 -5.05	32.79 1.93 -6.81	30.69 1.74 -4.39	28.18 1.59 -2.18	24.43 1.28 -2.85	20.13 0.96 -3.21	17.63 0.74 -4.18
V_F_30_NSYNC___DSASP 323816	27.26 1.05 -3.51	25.20 0.92 -5.01	24.67 0.83 -7.21	24.70 0.87 -7.17	25.45 0.75 -10.32	31.29 0.86 -14.71	40.26 1.69 -9.42	47.92 1.97 -11.91	44.96 1.70 -13.90	34.19 1.33 -7.82	28.00 1.36 -3.23	24.87 1.18 -2.29	23.51 1.13 -1.09	23.18 1.00 -2.53	23.30 1.04 -1.78	25.06 1.00 -4.06	30.84 1.30 -5.81	41.34 1.23 -16.34	47.39 1.30 -22.04	40.05 1.25 -14.24	32.79 1.29 -7.08	30.54 0.99 -9.25	27.19 0.81 -10.43	26.89 0.61 -13.56
V_F_30_SYNC_DSASP 323786	26.72 0.59 -3.43	24.79 0.64 -4.88	24.24 0.58 -7.04	24.25 0.58 -6.99	24.91 0.46 -10.07	30.49 0.42 -14.36	39.22 0.87 -9.19	46.82 1.16 -11.62	43.93 1.00 -13.57	33.45 0.78 -7.64	27.27 0.70 -3.15	24.30 0.66 -2.23	23.01 0.66 -1.06	22.73 0.61 -2.47	22.85 0.63 -1.74	24.61 0.62 -3.98	30.12 0.69 -5.70	40.56 0.76 -16.04	46.42 0.75 -21.62	39.25 0.76 -13.93	32.10 0.76 -6.93	29.96 0.61 -9.05	26.62 0.46 -10.20	26.34 0.36 -13.27
V_XM_10_SYNC_DSASP 323789	22.28 -0.43 0.00	18.83 -0.44 0.00	16.14 -0.48 0.00	16.18 -0.48 0.00	5.70 -0.46 8.22	10.94 -0.38 4.40	9.64 -1.20 18.31	11.35 -1.33 21.36	9.73 -1.21 18.43	8.41 -0.90 15.73	21.83 -0.77 0.82	20.65 -0.75 0.00	20.76 -0.53 0.00	10.71 -0.63 8.32	14.79 -0.63 5.06	16.40 -0.66 2.95	11.72 -0.66 11.34	11.67 -0.71 11.37	10.65 -0.72 12.68	8.14 -0.96 15.46	7.93 -1.05 15.44	-0.11 -0.93 19.48	-6.86 -0.77 22.05	-6.91 -0.61 19.01
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	26.86 1.63 -2.52	24.17 1.31 -3.60	22.92 1.11 -5.18	22.92 1.10 -5.15	22.76 0.96 -7.41	27.35 1.07 -10.57	38.04 2.13 -6.76	45.15 2.55 -8.56	41.46 2.11 -9.98	32.51 1.85 -5.62	27.40 1.66 -2.32	24.52 1.48 -1.64	23.52 1.45 -0.78	22.82 1.36 -1.82	23.15 1.39 -1.28	24.34 1.40 -2.93	29.54 1.59 -4.22	37.25 1.62 -11.87	41.67 1.61 -16.01	36.53 1.67 -10.30	31.20 1.66 -5.12	28.27 1.28 -6.69	24.52 1.02 -7.54	23.37 0.84 -9.81
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	27.33 1.86 -2.76	24.69 1.48 -3.93	23.56 1.26 -5.67	23.55 1.25 -5.63	23.58 1.09 -8.11	28.51 1.24 -11.56	38.94 2.39 -7.40	46.19 2.79 -9.36	42.64 2.35 -10.92	33.37 2.18 -6.15	27.90 1.94 -2.54	25.02 1.82 -1.80	23.96 1.81 -0.86	23.31 1.67 -1.99	23.60 1.72 -1.40	24.91 1.70 -3.21	30.24 1.90 -4.62	38.60 1.85 -12.99	43.33 1.76 -17.52	37.69 1.87 -11.27	31.87 1.86 -5.60	29.06 1.44 -7.32	25.39 1.18 -8.25	24.43 0.98 -10.73
W50THST__13_KV_LOAD 356117	27.42 1.95 -2.76	24.74 1.54 -3.93	23.61 1.31 -5.67	23.60 1.30 -5.63	23.64 1.15 -8.11	28.56 1.29 -11.56	39.06 2.51 -7.40	46.36 2.96 -9.36	42.75 2.47 -10.92	33.49 2.30 -6.15	28.01 2.06 -2.54	25.13 1.93 -1.80	24.04 1.89 -0.86	23.39 1.75 -1.99	23.70 1.82 -1.40	24.99 1.78 -3.21	30.34 1.99 -4.62	38.70 1.95 -12.99	43.42 1.85 -17.52	37.79 1.96 -11.27	31.97 1.95 -5.60	29.14 1.52 -7.32	25.45 1.24 -8.25	24.48 1.03 -10.73
WADING RIVER_IC_1 23522	28.76 3.29 -2.76	26.64 2.97 -4.41	25.20 2.51 -6.06	24.78 2.48 -5.63	26.60 2.18 -10.03	35.94 2.26 -17.96	44.84 5.13 -10.55	54.94 5.79 -15.11	46.95 5.11 -12.47	36.27 3.88 -7.35	34.26 3.51 -7.33	29.79 3.49 -4.90	25.98 3.34 -1.35	27.39 3.18 -4.56	28.60 3.36 -4.76	31.66 3.14 -8.52	37.17 3.73 -9.72	43.64 3.99 -15.89	49.56 3.85 -21.65	47.43 3.98 -18.90	38.95 3.66 -10.87	36.91 2.88 -13.73	34.64 2.46 -16.23	31.13 1.96 -16.46
WADING RIVER_IC_2 23547	28.76 3.29 -2.76	26.64 2.97 -4.41	25.20 2.51 -6.06	24.78 2.48 -5.63	26.60 2.18 -10.03	35.94 2.26 -17.96	44.84 5.13 -10.55	54.94 5.79 -15.11	46.95 5.11 -12.47	36.27 3.88 -7.35	34.26 3.51 -7.33	29.79 3.49 -4.90	25.98 3.34 -1.35	27.39 3.18 -4.56	28.60 3.36 -4.76	31.66 3.14 -8.52	37.17 3.73 -9.72	43.64 3.99 -15.89	49.56 3.85 -21.65	47.43 3.98 -18.90	38.95 3.66 -10.87	36.91 2.88 -13.73	34.64 2.46 -16.23	31.13 1.96 -16.46
WADING RIVER_IC_3 23601	28.76 3.29 -2.76	26.64 2.97 -4.41	25.20 2.51 -6.06	24.78 2.48 -5.63	26.60 2.18 -10.03	35.94 2.26 -17.96	44.84 5.13 -10.55	54.94 5.79 -15.11	46.95 5.11 -12.47	36.27 3.88 -7.35	34.26 3.51 -7.33	29.79 3.49 -4.90	25.98 3.34 -1.35	27.39 3.18 -4.56	28.60 3.36 -4.76	31.66 3.14 -8.52	37.17 3.73 -9.72	43.64 3.99 -15.89	49.56 3.85 -21.65	47.43 3.98 -18.90	38.95 3.66 -10.87	36.91 2.88 -13.73	34.64 2.46 -16.23	31.13 1.96 -16.46
WALDENNY_12_KV_BK2 80841	23.41 -0.05 -0.75	20.42 0.08 -1.07	18.30 0.13 -1.54	18.29 0.08 -1.54	16.65 0.06 -2.21	18.90 0.03 -3.15	30.70 -0.47 -2.02	35.70 -0.89 -2.54	31.68 -0.65 -2.97	26.26 -0.45 -1.67	23.94 -0.16 -0.69	21.46 -0.43 -0.49	20.97 -0.55 -0.23	19.78 -0.41 -0.54	20.37 -0.49 -0.38	20.39 -0.48 -0.87	24.32 -0.66 -1.25	26.60 -0.69 -3.52	27.94 -0.87 -4.75	26.67 -0.86 -2.97	25.18 -0.71 -1.48	21.66 -0.57 -1.93	17.79 -0.34 -2.18	15.33 -0.22 -2.83
WALDEN___HYDRO 24148	26.92 1.59 -2.63	24.29 1.27 -3.75	23.10 1.08 -5.40	23.08 1.05 -5.36	23.04 0.93 -7.73	27.76 1.04 -11.01	38.27 2.07 -7.05	45.37 2.42 -8.92	41.82 2.05 -10.40	32.68 1.78 -5.86	27.33 1.50 -2.42	24.42 1.31 -1.71	23.36 1.26 -0.82	22.72 1.18 -1.89	23.04 1.23 -1.33	24.31 1.24 -3.06	29.51 1.42 -4.35	37.48 1.47 -12.25	42.13 1.56 -16.52	36.77 1.55 -10.67	31.28 1.56 -5.30	28.43 1.20 -6.93	24.71 0.94 -7.81	23.66 0.79 -10.16
WARRENSBURG____ 23737	26.84 0.61 -3.52	24.85 0.56 -5.02	24.49 0.63 -7.23	24.52 0.67 -7.19	25.32 0.59 -10.35	31.20 0.74 -14.75	40.05 1.46 -9.44	47.68 1.70 -11.94	44.76 1.47 -13.93	33.98 1.10 -7.84	28.20 1.54 -3.24	25.07 1.37 -2.29	23.68 1.30 -1.09	23.21 1.02 -2.54	23.33 1.06 -1.79	24.98 0.90 -4.07	30.77 1.21 -5.83	40.92 0.76 -16.39	46.98 0.82 -22.11	39.58 0.74 -14.28	32.37 0.85 -7.10	30.14 0.57 -9.28	27.02 0.61 -10.46	26.75 0.43 -13.60
WATERSIDE___6 8 9 23538	27.42 1.95 -2.76	24.76 1.56 -3.93	23.62 1.33 -5.67	23.62 1.32 -5.63	23.64 1.15 -8.11	28.56 1.29 -11.56	38.83 2.27 -7.40	45.96 2.55 -9.36	42.46 2.17 -10.92	33.37 2.18 -6.15	27.90 1.94 -2.54	25.02 1.82 -1.80	23.96 1.81 -0.86	23.29 1.65 -1.99	23.60 1.72 -1.40	24.91 1.70 -3.21	30.27 1.92 -4.62	38.58 1.83 -12.99	43.26 1.68 -17.52	37.67 1.84 -11.27	31.78 1.76 -5.60	29.04 1.42 -7.32	25.45 1.24 -8.25	24.48 1.03 -10.74

WATKINRD_115KV_LN8_ILLION 55919	23.20 0.43 -0.06	19.73 0.37 -0.09	17.08 0.32 -0.13	17.13 0.33 -0.13	15.32 0.27 -0.67	16.49 0.25 -0.53	31.00 0.61 -1.24	36.22 0.71 -1.46	31.28 0.59 -1.33	26.47 0.38 -1.06	23.87 0.35 -0.11	21.77 0.32 -0.04	21.59 0.28 -0.02	20.44 0.26 -0.53	21.05 0.25 -0.33	20.47 0.22 -0.24	24.81 0.31 -0.77	25.14 0.40 -0.97	25.55 0.34 -1.16	26.07 0.37 -1.15	25.71 0.27 -1.02	21.65 0.28 -1.07	17.12 0.22 -0.94	13.70 0.18 -0.81
WATSON___69_KV_BK 1 55734	28.53 3.07 -2.76	26.35 2.68 -4.40	24.98 2.29 -6.06	24.53 2.23 -5.63	26.39 1.98 -10.03	35.85 2.18 -17.95	44.13 4.43 -10.54	54.22 5.07 -15.10	46.26 4.43 -12.47	36.08 3.71 -7.34	34.13 3.40 -7.32	29.36 3.06 -4.89	25.72 3.09 -1.34	27.11 2.91 -4.55	28.28 3.05 -4.76	31.45 2.94 -8.50	36.94 3.49 -9.73	43.16 3.47 -15.93	49.17 3.39 -21.72	46.94 3.49 -18.90	38.80 3.52 -10.87	36.76 2.74 -13.73	34.35 2.17 -16.22	30.94 1.77 -16.45
WDELAWARE___HYD 323627	26.58 1.48 -2.40	23.84 1.16 -3.42	22.51 0.96 -4.92	22.51 0.95 -4.89	22.26 0.83 -7.05	26.68 0.93 -10.05	37.51 1.92 -6.43	44.46 2.28 -8.13	40.79 1.94 -9.49	31.99 1.60 -5.34	26.95 1.33 -2.21	24.10 1.13 -1.56	23.10 1.06 -0.74	22.40 1.02 -1.73	22.76 1.06 -1.22	23.86 1.06 -2.79	28.98 1.26 -3.99	36.30 1.31 -11.23	40.62 1.42 -15.14	35.71 1.37 -9.78	30.64 1.37 -4.86	27.73 1.08 -6.35	23.93 0.81 -7.16	22.72 0.69 -9.32
WEST BABYLON___IC 23714	28.15 2.68 -2.76	25.96 2.29 -4.40	24.64 1.96 -6.05	24.20 1.90 -5.63	26.10 1.70 -10.03	35.55 1.89 -17.95	43.40 3.70 -10.54	53.43 4.29 -15.10	45.53 3.70 -12.46	35.58 3.21 -7.34	33.69 2.95 -7.32	28.97 2.68 -4.89	25.29 2.66 -1.34	26.68 2.48 -4.55	27.81 2.58 -4.76	31.04 2.54 -8.50	36.42 2.97 -9.73	42.61 2.92 -15.93	48.66 2.89 -21.72	46.42 2.97 -18.89	38.28 3.00 -10.86	36.36 2.33 -13.73	34.03 1.85 -16.22	30.67 1.50 -16.45
WEST CANADA___HYD 24049	22.89 0.11 -0.06	19.46 0.10 -0.09	16.84 0.08 -0.13	16.88 0.08 -0.13	15.12 0.07 -0.67	16.32 0.08 -0.53	30.57 0.18 -1.24	35.71 0.21 -1.46	30.87 0.18 -1.33	26.22 0.13 -1.06	23.64 0.12 -0.11	21.53 0.09 -0.04	21.40 0.09 -0.02	20.26 0.08 -0.53	20.88 0.08 -0.33	20.31 0.06 -0.25	24.59 0.10 -0.76	24.83 0.12 -0.95	25.30 0.12 -1.13	25.85 0.10 -1.19	25.56 0.10 -1.04	21.48 0.08 -1.10	16.99 0.06 -0.97	13.62 0.05 -0.85
WESTERN_NY_WIND 24143	23.64 0.23 -0.70	20.54 0.27 -1.00	18.36 0.30 -1.44	18.38 0.28 -1.43	16.66 0.22 -2.06	18.82 0.17 -2.94	30.94 -0.09 -1.88	36.11 -0.31 -2.37	31.99 -0.15 -2.77	26.60 0.00 -1.56	24.25 0.19 -0.64	21.75 -0.11 -0.46	21.25 -0.26 -0.22	20.00 -0.16 -0.50	20.63 -0.20 -0.35	20.62 -0.20 -0.81	24.59 -0.31 -1.17	26.74 -0.31 -3.28	28.05 -0.43 -4.43	26.93 -0.39 -2.77	25.45 -0.34 -1.38	21.85 -0.24 -1.80	17.89 -0.10 -2.03	15.30 -0.05 -2.64
WESTOVER___LESR 323668	24.48 0.61 -1.16	21.46 0.54 -1.66	19.48 0.47 -2.39	19.51 0.47 -2.37	18.21 0.42 -3.41	21.00 0.42 -4.87	33.05 0.79 -3.11	38.87 0.89 -3.94	34.70 0.73 -4.60	28.20 0.58 -2.59	25.07 0.59 -1.07	22.55 0.39 -0.76	21.97 0.32 -0.36	20.78 0.29 -0.84	21.39 0.33 -0.59	21.70 0.34 -1.35	26.01 0.33 -1.95	29.65 0.40 -5.48	31.79 0.34 -7.40	29.54 0.37 -4.61	27.05 0.34 -2.29	23.60 0.30 -3.00	19.59 0.26 -3.38	17.30 0.19 -4.39
WETHRSFD_WT_PWR 323626	23.43 -0.09 -0.81	20.47 0.04 -1.16	18.35 0.05 -1.67	18.36 0.03 -1.66	16.78 0.01 -2.39	19.10 -0.02 -3.41	30.87 -0.47 -2.18	35.81 -0.99 -2.76	31.82 -0.76 -3.22	26.35 -0.50 -1.81	23.88 -0.28 -0.75	21.48 -0.45 -0.53	20.93 -0.62 -0.25	19.75 -0.49 -0.59	20.32 -0.57 -0.41	20.43 -0.52 -0.95	24.40 -0.64 -1.31	26.75 -0.71 -3.70	28.44 -0.60 -4.99	26.80 -0.96 -3.20	25.23 -0.78 -1.59	21.73 -0.65 -2.08	17.88 -0.41 -2.34	15.45 -0.32 -3.05
WHAVSTOR_138KV_BK127 55557	26.80 1.57 -2.52	24.10 1.23 -3.60	22.85 1.05 -5.18	22.87 1.05 -5.15	22.72 0.92 -7.42	27.30 1.02 -10.57	37.93 2.01 -6.77	45.02 2.42 -8.56	41.35 2.00 -9.99	32.42 1.75 -5.62	27.30 1.57 -2.32	24.46 1.41 -1.64	23.46 1.38 -0.78	22.77 1.30 -1.82	23.09 1.33 -1.28	24.26 1.32 -2.94	29.45 1.49 -4.22	37.16 1.52 -11.88	41.56 1.49 -16.02	36.44 1.57 -10.31	31.10 1.56 -5.12	28.21 1.22 -6.70	24.48 0.97 -7.55	23.33 0.80 -9.82
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	26.80 1.57 -2.52	24.10 1.23 -3.60	22.85 1.05 -5.18	22.87 1.05 -5.15	22.72 0.92 -7.42	27.30 1.02 -10.57	37.93 2.01 -6.77	45.02 2.42 -8.56	41.35 2.00 -9.99	32.42 1.75 -5.62	27.30 1.57 -2.32	24.46 1.41 -1.64	23.46 1.38 -0.78	22.77 1.30 -1.82	23.09 1.33 -1.28	24.26 1.32 -2.94	29.45 1.49 -4.22	37.16 1.52 -11.88	41.56 1.49 -16.02	36.44 1.57 -10.31	31.10 1.56 -5.12	28.21 1.22 -6.70	24.48 0.97 -7.55	23.33 0.80 -9.82
WHITEHAL_115KV_TB1 80871	27.27 1.04 -3.52	25.23 0.94 -5.01	24.76 0.91 -7.22	24.83 0.98 -7.18	25.58 0.86 -10.34	31.54 1.10 -14.73	40.74 2.16 -9.43	48.52 2.55 -11.93	45.49 2.20 -13.92	34.55 1.68 -7.84	28.59 1.94 -3.23	25.34 1.65 -2.29	23.91 1.53 -1.09	23.44 1.26 -2.53	23.57 1.31 -1.78	25.29 1.20 -4.09	31.23 1.66 -5.84	41.53 1.35 -16.42	47.66 1.47 -22.14	40.20 1.38 -14.27	33.05 1.54 -7.09	30.64 1.08 -9.27	27.31 0.91 -10.44	26.95 0.65 -13.59
WHITEPLN_13_KV_LOAD 356215	27.39 1.93 -2.75	24.74 1.54 -3.93	23.58 1.30 -5.66	23.59 1.30 -5.62	23.62 1.14 -8.10	28.51 1.26 -11.54	39.11 2.57 -7.39	46.45 3.06 -9.35	42.86 2.58 -10.91	33.38 2.20 -6.14	27.89 1.94 -2.53	24.97 1.78 -1.79	23.91 1.77 -0.85	23.27 1.63 -1.99	23.57 1.70 -1.40	24.89 1.68 -3.21	30.24 1.90 -4.61	38.71 1.97 -12.97	43.35 1.80 -17.49	37.83 2.01 -11.26	31.92 1.90 -5.60	29.15 1.54 -7.31	25.41 1.21 -8.24	24.43 0.99 -10.72
WM_FLOYD_69_KV_BK2 356380	28.78 3.32 -2.76	26.67 3.01 -4.40	25.23 2.54 -6.06	24.80 2.50 -5.63	26.61 2.20 -10.03	35.99 2.33 -17.95	44.80 5.10 -10.54	54.93 5.79 -15.10	46.94 5.11 -12.47	36.36 3.63 -7.34	34.37 3.63 -7.32	29.61 3.32 -4.89	26.06 3.43 -1.34	27.45 3.24 -4.55	28.67 3.44 -4.76	31.77 3.26 -8.50	37.30 3.84 -9.73	43.66 3.97 -15.93	49.58 3.80 -21.72	47.43 3.98 -18.90	39.09 3.81 -10.87	37.01 2.98 -13.73	34.59 2.41 -16.23	31.15 1.98 -16.46
WOODARD___115KV_TB2 355635	23.38 0.11 -0.56	20.18 0.12 -0.80	17.89 0.12 -1.15	17.93 0.12 -1.14	16.14 0.12 -1.65	18.15 0.09 -2.35	30.83 0.17 -1.50	36.15 0.20 -1.90	31.76 0.18 -2.22	26.41 0.13 -1.25	24.09 0.16 -0.52	21.81 0.04 -0.37	21.44 -0.02 -0.17	20.04 -0.02 -0.40	20.76 0.00 -0.28	20.86 0.20 -0.65	24.63 -0.05 -0.95	26.40 -0.02 -2.67	27.58 -0.07 -3.60	26.71 -0.02 -2.18	25.42 -0.07 -1.08	21.71 0.00 -1.41	17.53 -0.02 -1.59	14.76 -0.03 -2.07
YORK___WARBASSE 23770	27.58 2.11 -2.76	24.86 1.66 -3.93	23.71 1.41 -5.67	23.70 1.40 -5.63	23.71 1.22 -8.11	28.64 1.37 -11.56	38.89 2.33 -7.40	45.96 2.55 -9.36	42.49 2.20 -10.92	33.42 2.23 -6.15	27.92 1.97 -2.54	25.04 1.84 -1.80	23.96 1.81 -0.86	23.29 1.65 -1.99	23.62 1.74 -1.40	24.93 1.72 -3.21	30.34 1.99 -4.62	38.65 1.90 -12.99	43.33 1.76 -17.52	37.74 1.92 -11.27	31.80 1.78 -5.60	29.08 1.46 -7.32	25.50 1.29 -8.25	24.53 1.08 -10.74