

Day Ahead Market Generator LBMP

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

Generator Data

08/12/2023

Name	00:00	01:00	02:00	03:00	04:00	05:00	06:00	07:00	08:00	09:00	10:00	11:00	12:00	13:00	14:00	15:00	16:00	17:00	18:00	19:00	20:00	21:00	22:00	23:00
PTID	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT
59TH STREET_GT_1	22.43	21.56	19.65	17.96	17.46	17.48	18.01	18.62	19.93	20.93	22.07	23.33	25.17	26.57	27.72	29.15	34.13	40.03	42.09	35.85	33.09	31.88	28.22	27.01
24138	1.58	1.41	1.25	1.13	1.07	1.05	1.07	1.23	1.49	1.67	1.80	2.02	2.00	2.05	2.33	2.29	2.31	2.81	2.86	2.16	2.10	2.08	2.10	1.80
	0.00	0.00	0.00	0.00	-0.88	-0.74	-1.35	-1.63	0.00	0.00	0.00	-0.50	-2.38	-3.65	-2.72	-4.46	-9.22	-9.41	-10.04	-10.16	-7.63	-7.94	-4.05	-4.27
74TH STREET_GT_1	22.56	21.66	19.74	18.04	17.54	17.55	18.08	18.70	19.99	21.01	22.17	23.41	25.27	26.65	27.81	29.26	34.26	40.17	42.24	35.97	33.19	31.97	28.35	27.01
24260	1.71	1.51	1.34	1.21	1.15	1.13	1.14	1.31	1.55	1.75	1.90	2.10	2.10	2.13	2.42	2.40	2.44	2.95	3.01	2.28	2.20	2.16	2.23	1.80
	0.00	0.00	0.00	0.00	-0.88	-0.74	-1.35	-1.63	0.00	0.00	0.00	-0.50	-2.38	-3.65	-2.72	-4.46	-9.22	-9.41	-10.04	-10.16	-7.63	-7.94	-4.05	-4.27
74TH STREET_GT_2	22.56	21.66	19.74	18.04	17.54	17.55	18.08	18.70	19.99	21.01	22.17	23.41	25.27	26.65	27.81	29.26	34.26	40.17	42.24	35.97	33.19	31.97	28.35	27.01
24261	1.71	1.51	1.34	1.21	1.15	1.13	1.14	1.31	1.55	1.75	1.90	2.10	2.10	2.13	2.42	2.40	2.44	2.95	3.01	2.28	2.20	2.16	2.23	1.80
	0.00	0.00	0.00	0.00	-0.88	-0.74	-1.35	-1.63	0.00	0.00	0.00	-0.50	-2.38	-3.65	-2.72	-4.46	-9.22	-9.41	-10.04	-10.16	-7.63	-7.94	-4.05	-4.27
ADK HUDSON___FALLS	21.83	21.03	19.17	17.57	17.40	17.41	18.10	18.62	19.21	20.02	21.07	22.48	24.98	26.76	27.47	29.63	36.17	41.90	44.37	38.58	35.03	33.75	28.91	27.73
24011	0.98	0.89	0.77	0.74	0.71	0.74	0.70	0.68	0.77	0.77	0.81	1.00	1.00	1.00	1.16	1.25	1.22	1.47	1.72	1.44	1.45	1.25	1.41	1.07
	0.00	0.00	0.00	0.00	-1.17	-0.99	-1.81	-2.19	0.00	0.00	0.00	-0.68	-3.19	-4.89	-3.65	-5.98	-12.35	-12.61	-13.45	-13.61	-10.23	-10.64	-5.42	-5.72
ADK RESOURCE___RCVRY	21.87	21.09	19.21	17.62	17.45	17.48	18.15	18.67	19.27	20.10	21.15	22.57	25.09	26.87	27.58	29.75	36.30	42.05	44.55	38.70	35.18	33.83	29.03	27.92
23798	1.02	0.95	0.81	0.79	0.76	0.80	0.75	0.73	0.83	0.85	0.89	1.08	1.10	1.11	1.27	1.37	1.33	1.61	1.90	1.55	1.59	1.31	1.52	1.26
	0.00	0.00	0.00	0.00	-1.17	-0.99	-1.81	-2.19	0.00	0.00	0.00	-0.68	-3.20	-4.90	-3.65	-5.98	-12.36	-12.62	-13.46	-13.63	-10.23	-10.65	-5.43	-5.73
ADK S GLENS___FALLS	21.83	21.03	19.17	17.57	17.40	17.41	18.10	18.62	19.21	20.02	21.07	22.48	24.98	26.76	27.47	29.63	36.17	41.90	44.37	38.58	35.03	33.75	28.91	27.73
24028	0.98	0.89	0.77	0.74	0.71	0.74	0.70	0.68	0.77	0.77	0.81	1.00	1.00	1.00	1.16	1.25	1.22	1.47	1.72	1.44	1.45	1.25	1.41	1.07
	0.00	0.00	0.00	0.00	-1.17	-0.99	-1.81	-2.19	0.00	0.00	0.00	-0.68	-3.19	-4.89	-3.65	-5.98	-12.35	-12.61	-13.45	-13.61	-10.23	-10.64	-5.42	-5.72
ADK_NYS___DAM	22.04	21.23	19.39	17.77	17.49	17.51	18.20	18.66	19.43	20.16	21.20	22.60	25.02	26.75	27.41	29.35	35.63	41.39	43.65	37.95	34.55	33.36	28.61	27.64
23527	1.19	1.09	0.99	0.94	0.85	0.88	0.87	0.80	0.99	0.91	0.93	1.14	1.16	1.19	1.25	1.21	1.17	1.47	1.55	1.36	1.38	1.29	1.32	1.21
	0.00	0.00	0.00	0.00	-1.13	-0.95	-1.73	-2.10	0.00	0.00	0.00	-0.65	-3.07	-4.69	-3.50	-5.74	-11.85	-12.10	-12.91	-13.06	-9.81	-10.21	-5.20	-5.49
AIR_PRODUCTS___DRP	21.33	20.53	18.73	17.24	17.00	17.00	17.69	18.20	18.88	19.68	20.67	22.02	24.43	26.17	26.83	28.81	35.14	40.74	43.00	37.33	33.89	32.75	27.97	26.91
24190	0.48	0.38	0.33	0.40	0.36	0.36	0.36	0.33	0.44	0.42	0.41	0.56	0.56	0.58	0.66	0.65	0.63	0.78	0.85	0.68	0.68	0.63	0.66	0.46
	0.00	0.00	0.00	0.00	-1.13	-0.95	-1.74	-2.11	0.00	0.00	0.00	-0.65	-3.08	-4.71	-3.51	-5.76	-11.90	-12.15	-12.96	-13.12	-9.85	-10.26	-5.23	-5.51
AKWESSNE_115KV_BK	20.43	19.86	18.18	16.63	15.33	15.50	15.42	15.62	18.27	19.06	19.98	20.52	20.50	20.56	22.14	21.91	22.15	27.20	28.55	23.08	22.89	21.36	21.55	20.62
355683	-0.42	-0.28	-0.22	-0.20	-0.19	-0.19	-0.17	-0.14	-0.17	-0.19	-0.28	-0.29	-0.29	-0.31	-0.52	-0.49	-0.45	-0.61	-0.64	-0.45	-0.47	-0.50	-0.53	-0.31
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ALBANY___1	21.33	20.53	18.73	17.24	17.00	17.00	17.69	18.20	18.88	19.68	20.67	22.02	24.43	26.17	26.83	28.81	35.14	40.74	43.00	37.33	33.89	32.75	27.97	26.91
23571	0.48	0.38	0.33	0.40	0.36	0.36	0.36	0.33	0.44	0.42	0.41	0.56	0.56	0.58	0.66	0.65	0.63	0.78	0.85	0.68	0.68	0.63	0.66	0.46
	0.00	0.00	0.00	0.00	-1.13	-0.95	-1.74	-2.11	0.00	0.00	0.00	-0.65	-3.08	-4.71	-3.51	-5.76	-11.90	-12.15	-12.96	-13.12	-9.85	-10.26	-5.23	-5.51
ALBANY___2	21.33	20.53	18.73	17.24	17.00	17.00	17.69	18.20	18.88	19.68	20.67	22.02	24.43	26.17	26.83	28.81	35.14	40.74	43.00	37.33	33.89	32.75	27.97	26.91
23572	0.48	0.38	0.33	0.40	0.36	0.36	0.36	0.33	0.44	0.42	0.41	0.56	0.56	0.58	0.66	0.65	0.63	0.78	0.85	0.68	0.68	0.63	0.66	0.46
	0.00	0.00	0.00	0.00	-1.13	-0.95	-1.74	-2.11	0.00	0.00	0.00	-0.65	-3.08	-4.71	-3.51	-5.76	-11.90	-12.15	-12.96	-13.12	-9.85	-10.26	-5.23	-5.51
ALBANY___3	21.33	20.53	18.73	17.24	17.00	17.00	17.69	18.20	18.88	19.68	20.67	22.02	24.43	26.17	26.83	28.81	35.14	40.74	43.00	37.33	33.89	32.75	27.97	26.91
23573	0.48	0.38	0.33	0.40	0.36	0.36	0.36	0.33	0.44	0.42	0.41	0.56	0.56	0.58	0.66	0.65	0.63	0.78	0.85	0.68	0.68	0.63	0.66	0.46
	0.00	0.00	0.00	0.00	-1.13	-0.95	-1.74	-2.11	0.00	0.00	0.00	-0.65	-3.08	-4.71	-3.51	-5.76	-11.90	-12.15	-12.96	-13.12	-9.85	-10.26	-5.23	-5.51

ALBANY___4 23574	21.33 0.48 0.00	20.53 0.38 0.00	18.73 0.33 0.00	17.24 0.40 0.00	17.00 0.36 -1.13	17.00 0.36 -0.95	17.69 0.36 -1.74	18.20 0.33 -2.11	18.88 0.44 0.00	19.68 0.42 0.00	20.67 0.41 0.00	22.02 0.56 -0.65	24.43 0.56 -3.08	26.17 0.58 -4.71	26.83 0.66 -3.51	28.81 0.65 -5.76	35.14 0.63 -11.90	40.74 0.78 -12.15	43.00 0.85 -12.96	37.33 0.68 -13.12	33.89 0.68 -9.85	32.75 0.63 -10.26	27.97 0.66 -5.23	26.91 0.46 -5.51
ALBANY___LFGE 323615	21.50 0.65 0.00	20.71 0.56 0.00	18.90 0.50 0.00	17.37 0.54 0.00	17.14 0.48 -1.14	17.15 0.50 -0.96	17.85 0.50 -1.76	18.35 0.46 -2.13	19.05 0.61 0.00	19.85 0.60 0.00	20.85 0.59 0.00	22.24 0.77 -0.66	24.69 0.79 -3.11	26.45 0.81 -4.76	27.12 0.91 -3.55	29.14 0.92 -5.82	35.54 0.91 -12.03	41.18 1.08 -12.28	43.46 1.17 -13.10	37.75 0.96 -13.26	34.28 0.96 -9.96	33.10 0.88 -10.36	28.24 0.88 -5.28	27.26 0.75 -5.57
ALCOA_PA_115KV_PL-6C 55860	20.45 -0.40 0.00	19.88 -0.26 0.00	18.25 -0.15 0.00	16.68 -0.15 0.00	15.37 -0.14 0.00	15.55 -0.14 0.00	15.48 -0.11 0.00	15.68 -0.08 0.00	18.35 -0.09 0.00	19.14 -0.12 0.00	19.98 -0.28 0.00	20.52 -0.29 0.00	20.50 -0.29 0.00	20.56 -0.31 0.00	22.14 -0.52 0.00	21.91 -0.49 0.00	22.15 -0.45 0.00	27.23 -0.58 0.00	28.58 -0.61 0.00	23.10 -0.42 0.00	22.94 -0.42 0.00	21.38 -0.48 0.00	21.55 -0.53 0.00	20.64 -0.29 0.00
ALCOA_RYNLDS___DRP 24188	20.45 -0.40 0.00	19.88 -0.26 0.00	18.25 -0.15 0.00	16.68 -0.15 0.00	15.37 -0.14 0.00	15.55 -0.14 0.00	15.48 -0.11 0.00	15.68 -0.08 0.00	18.35 -0.09 0.00	19.14 -0.12 0.00	19.98 -0.28 0.00	20.52 -0.29 0.00	20.50 -0.29 0.00	20.56 -0.31 0.00	22.14 -0.52 0.00	21.91 -0.49 0.00	22.15 -0.45 0.00	27.23 -0.58 0.00	28.58 -0.61 0.00	23.10 -0.42 0.00	22.94 -0.42 0.00	21.38 -0.48 0.00	21.55 -0.53 0.00	20.64 -0.29 0.00
ALCOA___DSASP 323711	20.47 -0.37 0.00	19.88 -0.26 0.00	18.25 -0.15 0.00	16.68 -0.15 0.00	15.37 -0.14 0.00	15.55 -0.14 0.00	15.48 -0.11 0.00	15.68 -0.08 0.00	18.35 -0.09 0.00	19.14 -0.11 0.00	19.98 -0.28 0.00	20.50 -0.31 0.00	20.50 -0.29 0.00	20.50 -0.38 0.00	22.14 -0.52 0.00	21.91 -0.49 0.00	22.15 -0.45 0.00	27.23 -0.59 0.00	28.58 -0.61 0.00	23.10 -0.42 0.00	22.94 -0.42 0.00	21.38 -0.48 0.00	21.55 -0.53 0.00	20.48 -0.46 0.00
ALLEGHENY___COGEN 23514	21.54 0.69 0.00	20.61 0.46 0.00	18.71 0.31 0.00	17.10 0.27 0.00	15.86 0.20 -0.14	16.04 0.24 -0.12	15.93 0.12 -0.22	15.93 -0.09 -0.26	18.03 -0.41 0.00	18.45 -0.81 0.00	19.17 -1.09 0.00	19.75 -1.14 -0.08	20.07 -1.10 -0.39	20.50 -0.96 -0.59	22.15 -0.95 -0.44	22.21 -0.92 -0.72	23.24 -0.86 -1.49	39.33 -0.78 -12.29	42.13 -0.20 -13.14	25.53 0.35 -1.65	25.30 0.70 -1.24	23.94 0.79 -1.29	23.64 0.91 -0.66	22.47 0.84 -0.69
ALTAMONT_115KV_TB 2 55880	21.60 0.75 0.00	20.79 0.64 0.00	18.99 0.59 0.00	17.40 0.57 0.00	17.15 0.51 -1.13	17.16 0.52 -0.95	17.85 0.51 -1.74	18.37 0.50 -2.11	19.06 0.63 0.00	19.89 0.64 0.00	20.93 0.67 0.00	22.27 0.81 -0.65	24.68 0.81 -3.08	26.42 0.83 -4.71	27.11 0.93 -3.51	29.10 0.94 -5.76	35.43 0.93 -11.90	41.10 1.14 -12.15	43.38 1.23 -12.96	37.63 0.99 -13.12	34.19 0.98 -9.85	33.03 0.92 -10.25	28.25 0.95 -5.22	27.18 0.73 -5.51
ALTONA_WT_PWR 323606	20.68 -0.17 0.00	20.23 0.08 0.00	18.49 0.09 0.00	17.00 0.17 0.00	15.68 0.17 0.00	15.86 0.17 0.00	15.73 0.14 0.00	16.00 0.24 0.00	18.77 0.33 0.00	19.60 0.35 0.00	20.55 0.28 0.00	21.06 0.25 0.00	21.00 0.21 0.00	20.93 0.06 0.00	22.62 -0.05 0.00	22.38 -0.02 0.00	22.67 0.07 0.00	27.81 0.00 0.00	29.05 -0.15 0.00	23.48 -0.05 0.00	23.29 -0.07 0.00	21.58 -0.28 0.00	21.70 -0.38 0.00	20.56 -0.38 0.00
AMERICAN_REF_FUEL 24010	20.14 -0.71 0.00	19.28 -0.87 0.00	17.64 -0.76 0.00	16.02 -0.81 0.00	14.80 -0.84 -0.13	14.98 -0.82 -0.11	14.88 -0.90 -0.20	14.82 -1.18 -0.24	16.87 -1.57 0.00	17.68 -1.58 0.00	18.56 -1.70 0.00	19.18 -1.71 -0.07	19.47 -1.66 -0.35	20.01 -1.40 -0.53	21.65 -1.41 -0.40	21.66 -1.39 -0.65	22.30 -1.65 -1.35	24.86 -1.89 1.06	26.07 -1.99 1.13	23.27 -1.74 -1.49	22.86 -1.61 -1.12	21.80 -1.22 -1.16	21.81 -0.86 -0.59	20.72 -0.84 -0.62
ARKWRIGHT___SUMMIT_WT_PWR 323751	20.98 0.13 0.00	19.86 -0.28 0.00	17.99 -0.40 0.00	16.29 -0.54 0.00	14.97 -0.68 -0.14	15.15 -0.66 -0.12	15.00 -0.81 -0.22	14.96 -1.07 -0.27	17.24 -1.20 0.00	18.10 -1.15 0.00	19.05 -1.22 0.00	19.54 -1.35 -0.08	19.89 -1.29 -0.39	20.53 -0.94 -0.60	22.13 -0.97 -0.45	22.35 -0.78 -0.73	23.21 -0.90 -1.51	25.37 -1.33 1.11	26.57 -1.43 1.19	24.20 -0.99 -1.66	23.77 -0.84 -1.25	22.70 -0.46 -1.30	22.72 -0.02 -0.66	21.47 -0.17 -0.70
ARTHUR_KILL_GT_1 23520	22.57 1.71 -0.01	21.71 1.55 -0.01	19.80 1.40 -0.01	18.07 1.23 -0.01	17.56 1.16 -0.88	17.54 1.11 -0.74	17.97 1.03 -1.35	18.59 1.20 -1.63	19.78 1.35 0.01	20.85 1.60 0.00	22.03 1.76 -0.01	32.79 1.98 -10.00	25.15 1.98 -2.38	26.53 1.98 -3.67	27.70 2.31 -2.73	29.14 2.24 -4.50	73.26 2.28 -48.37	73.52 2.75 -42.95	69.99 2.80 -38.00	69.28 2.09 -43.66	38.73 2.03 -13.34	44.66 2.05 -20.75	28.27 2.14 -4.05	31.27 1.78 -8.55
ARTHUR_KILL_2 23512	22.50 1.65 -0.01	21.64 1.49 -0.01	19.75 1.34 -0.01	18.03 1.20 -0.01	17.53 1.13 -0.88	17.49 1.07 -0.74	17.92 0.98 -1.35	18.54 1.15 -1.63	19.72 1.54 0.01	20.80 1.70 0.00	21.97 1.91 -0.01	32.72 1.91 -10.00	25.08 1.91 -2.38	26.47 1.92 -3.67	27.61 2.22 -2.73	29.05 2.15 -4.50	73.17 2.19 -48.37	73.41 2.64 -42.95	69.87 2.68 -38.00	69.21 2.02 -43.66	38.64 1.94 -13.34	44.58 1.97 -20.75	28.19 2.05 -4.05	31.20 1.72 -8.55
ARTHUR_KILL_3 23513	22.25 1.40 0.00	21.40 1.25 0.00	19.52 1.12 0.00	17.82 0.99 0.00	17.37 0.98 -0.88	17.37 0.94 -0.74	17.91 0.97 -1.35	18.53 1.14 -1.63	19.80 1.36 0.00	20.80 1.54 0.00	21.93 1.66 0.00	32.68 1.87 -9.99	25.04 1.87 -2.38	26.44 1.90 -3.67	27.56 2.18 -2.72	29.05 2.15 -4.49	63.53 2.12 -38.80	65.12 2.56 -34.75	62.95 2.60 -31.16	60.98 1.98 -35.47	37.22 1.92 -11.95	41.40 1.92 -17.61	28.07 1.94 -4.05	31.15 1.68 -8.54
ARTHUR_KILL_COGEN 323718	22.57 1.71 -0.01	21.71 1.55 -0.01	19.80 1.40 -0.01	18.07 1.23 -0.01	17.56 1.16 -0.88	17.54 1.11 -0.74	17.97 1.03 -1.35	18.59 1.20 -1.63	19.78 1.35 0.01	20.85 1.60 0.00	22.03 1.76 -0.01	32.79 1.98 -10.00	25.15 1.98 -2.38	26.53 1.98 -3.67	27.70 2.31 -2.73	29.14 2.24 -4.50	73.26 2.28 -48.37	73.52 2.75 -42.95	69.99 2.80 -38.00	69.28 2.09 -43.66	38.73 2.03 -13.34	44.66 2.05 -20.75	28.27 2.14 -4.05	31.27 1.78 -8.55
ASHOKAN____ 23654	21.87 1.02 0.00	20.97 0.83 0.00	19.14 0.74 0.00	17.44 0.61 0.00	16.55 0.05 -1.00	16.49 -0.03 -0.84	17.09 -0.03 -1.53	17.55 -0.06 -1.85	18.73 0.29 0.00	19.52 0.27 0.00	20.51 0.24 0.00	21.57 0.19 -0.57	23.73 0.23 -2.71	25.27 0.25 -4.15	26.03 0.27 -3.10	27.85 0.38 -5.07	33.49 0.41 -10.48	39.07 0.56 -10.70	41.37 0.76 -11.42	35.71 0.64 -11.55	32.62 0.58 -8.68	31.64 0.74 -9.03	27.32 0.64 -4.60	26.31 0.52 -4.85

ASTORIA_EAST_ENERGY_CC1 323581	22.53 1.67 -0.01	21.67 1.51 -0.01	19.73 1.33 -0.01	18.07 1.23 -0.01	17.56 1.16 -0.88	17.61 1.18 -0.74	18.05 1.11 -1.35	18.68 1.29 -1.63	19.80 1.36 0.00	20.91 1.66 0.00	22.12 1.84 -0.01	23.38 2.06 -0.51	25.23 2.06 -2.38	26.61 2.09 -3.65	27.77 2.38 -2.73	29.19 2.33 -4.46	34.20 2.37 -9.22	40.07 2.84 -9.42	42.13 2.89 -10.05	35.88 2.19 -10.16	33.02 2.03 -7.63	31.96 2.14 -7.95	28.27 2.14 -4.05	27.12 1.90 -4.28
ASTORIA_EAST_ENERGY_CC2 323582	22.53 1.67 -0.01	21.67 1.51 -0.01	19.73 1.33 -0.01	18.07 1.23 -0.01	17.56 1.16 -0.88	17.61 1.18 -0.74	18.05 1.11 -1.35	18.68 1.29 -1.63	19.80 1.36 0.00	20.91 1.66 0.00	22.12 1.84 -0.01	23.38 2.06 -0.51	25.23 2.06 -2.38	26.61 2.09 -3.65	27.77 2.38 -2.73	29.19 2.33 -4.46	34.20 2.37 -9.22	40.07 2.84 -9.42	42.13 2.89 -10.05	35.88 2.19 -10.16	33.02 2.03 -7.63	31.96 2.14 -7.95	28.27 2.14 -4.05	27.12 1.90 -4.28
ASTORIA_GT2_1 24094	22.59 1.73 -0.01	21.66 1.51 -0.01	19.75 1.34 -0.01	18.09 1.25 -0.01	17.56 1.16 -0.88	17.62 1.19 -0.74	18.06 1.12 -1.35	18.68 1.29 -1.63	19.82 1.38 0.00	20.91 1.66 0.00	22.14 1.86 -0.01	23.38 2.06 -0.51	25.25 2.08 -2.38	26.59 2.07 -3.65	27.79 2.40 -2.73	29.19 2.33 -4.46	34.22 2.40 -9.22	40.10 2.86 -9.42	42.16 2.92 -10.05	35.87 2.19 -10.16	33.05 2.06 -7.63	31.95 2.14 -7.95	28.30 2.16 -4.05	27.01 1.80 -4.28
ASTORIA_GT2_2 24095	22.59 1.73 -0.01	21.66 1.51 -0.01	19.75 1.34 -0.01	18.09 1.25 -0.01	17.56 1.16 -0.88	17.62 1.19 -0.74	18.06 1.12 -1.35	18.68 1.29 -1.63	19.82 1.38 0.00	20.91 1.66 0.00	22.14 1.86 -0.01	23.38 2.06 -0.51	25.25 2.08 -2.38	26.59 2.07 -3.65	27.79 2.40 -2.73	29.19 2.33 -4.46	34.22 2.40 -9.22	40.10 2.86 -9.42	42.16 2.92 -10.05	35.87 2.19 -10.16	33.05 2.06 -7.63	31.95 2.14 -7.95	28.30 2.16 -4.05	27.01 1.80 -4.28
ASTORIA_GT2_3 24096	22.59 1.73 -0.01	21.66 1.51 -0.01	19.75 1.34 -0.01	18.09 1.25 -0.01	17.56 1.16 -0.88	17.62 1.19 -0.74	18.06 1.12 -1.35	18.68 1.29 -1.63	19.82 1.38 0.00	20.91 1.66 0.00	22.14 1.86 -0.01	23.38 2.06 -0.51	25.25 2.08 -2.38	26.59 2.07 -3.65	27.79 2.40 -2.73	29.19 2.33 -4.46	34.22 2.40 -9.22	40.10 2.86 -9.42	42.16 2.92 -10.05	35.87 2.19 -10.16	33.05 2.06 -7.63	31.95 2.14 -7.95	28.30 2.16 -4.05	27.01 1.80 -4.28
ASTORIA_GT2_4 24097	22.59 1.73 -0.01	21.66 1.51 -0.01	19.75 1.34 -0.01	18.09 1.25 -0.01	17.56 1.16 -0.88	17.62 1.19 -0.74	18.06 1.12 -1.35	18.68 1.29 -1.63	19.82 1.38 0.00	20.91 1.66 0.00	22.14 1.86 -0.01	23.38 2.06 -0.51	25.25 2.08 -2.38	26.59 2.07 -3.65	27.79 2.40 -2.73	29.19 2.33 -4.46	34.22 2.40 -9.22	40.10 2.86 -9.42	42.16 2.92 -10.05	35.87 2.19 -10.16	33.05 2.06 -7.63	31.95 2.14 -7.95	28.30 2.16 -4.05	27.01 1.80 -4.28
ASTORIA_GT3_1 24098	22.59 1.73 -0.01	21.66 1.51 -0.01	19.75 1.34 -0.01	18.09 1.25 -0.01	17.56 1.16 -0.88	17.62 1.19 -0.74	18.06 1.12 -1.35	18.68 1.29 -1.63	19.82 1.38 0.00	20.91 1.66 0.00	22.14 1.86 -0.01	23.38 2.06 -0.51	25.25 2.08 -2.38	26.59 2.07 -3.65	27.79 2.40 -2.73	29.19 2.33 -4.46	34.22 2.40 -9.22	40.10 2.86 -9.42	42.16 2.92 -10.05	35.87 2.19 -10.16	33.05 2.06 -7.63	31.95 2.14 -7.95	28.30 2.16 -4.05	27.01 1.80 -4.28
ASTORIA_GT3_2 24099	22.59 1.73 -0.01	21.66 1.51 -0.01	19.75 1.34 -0.01	18.09 1.25 -0.01	17.56 1.16 -0.88	17.62 1.19 -0.74	18.06 1.12 -1.35	18.68 1.29 -1.63	19.82 1.38 0.00	20.91 1.66 0.00	22.14 1.86 -0.01	23.38 2.06 -0.51	25.25 2.08 -2.38	26.59 2.07 -3.65	27.79 2.40 -2.73	29.19 2.33 -4.46	34.22 2.40 -9.22	40.10 2.86 -9.42	42.16 2.92 -10.05	35.87 2.19 -10.16	33.05 2.06 -7.63	31.95 2.14 -7.95	28.30 2.16 -4.05	27.01 1.80 -4.28
ASTORIA_GT3_3 24100	22.59 1.73 -0.01	21.66 1.51 -0.01	19.75 1.34 -0.01	18.09 1.25 -0.01	17.56 1.16 -0.88	17.62 1.19 -0.74	18.06 1.12 -1.35	18.68 1.29 -1.63	19.82 1.38 0.00	20.91 1.66 0.00	22.14 1.86 -0.01	23.38 2.06 -0.51	25.25 2.08 -2.38	26.59 2.07 -3.65	27.79 2.40 -2.73	29.19 2.33 -4.46	34.22 2.40 -9.22	40.10 2.86 -9.42	42.16 2.92 -10.05	35.87 2.19 -10.16	33.05 2.06 -7.63	31.95 2.14 -7.95	28.30 2.16 -4.05	27.01 1.80 -4.28
ASTORIA_GT3_4 24101	22.59 1.73 -0.01	21.66 1.51 -0.01	19.75 1.34 -0.01	18.09 1.25 -0.01	17.56 1.16 -0.88	17.62 1.19 -0.74	18.06 1.12 -1.35	18.68 1.29 -1.63	19.82 1.38 0.00	20.91 1.66 0.00	22.14 1.86 -0.01	23.38 2.06 -0.51	25.25 2.08 -2.38	26.59 2.07 -3.65	27.79 2.40 -2.73	29.19 2.33 -4.46	34.22 2.40 -9.22	40.10 2.86 -9.42	42.16 2.92 -10.05	35.87 2.19 -10.16	33.05 2.06 -7.63	31.95 2.14 -7.95	28.30 2.16 -4.05	27.01 1.80 -4.28
ASTORIA_GT4_1 24102	22.59 1.73 -0.01	21.66 1.51 -0.01	19.75 1.34 -0.01	18.09 1.25 -0.01	17.56 1.16 -0.88	17.62 1.19 -0.74	18.06 1.12 -1.35	18.68 1.29 -1.63	19.82 1.38 0.00	20.91 1.66 0.00	22.14 1.86 -0.01	23.38 2.06 -0.51	25.25 2.08 -2.38	26.59 2.07 -3.65	27.79 2.40 -2.73	29.19 2.33 -4.46	34.22 2.40 -9.22	40.10 2.86 -9.42	42.16 2.92 -10.05	35.87 2.19 -10.16	33.05 2.06 -7.63	31.95 2.14 -7.95	28.30 2.16 -4.05	27.01 1.80 -4.28
ASTORIA_GT4_2 24103	22.59 1.73 -0.01	21.66 1.51 -0.01	19.75 1.34 -0.01	18.09 1.25 -0.01	17.56 1.16 -0.88	17.62 1.19 -0.74	18.06 1.12 -1.35	18.68 1.29 -1.63	19.82 1.38 0.00	20.91 1.66 0.00	22.14 1.86 -0.01	23.38 2.06 -0.51	25.25 2.08 -2.38	26.59 2.07 -3.65	27.79 2.40 -2.73	29.19 2.33 -4.46	34.22 2.40 -9.22	40.10 2.86 -9.42	42.16 2.92 -10.05	35.87 2.19 -10.16	33.05 2.06 -7.63	31.95 2.14 -7.95	28.30 2.16 -4.05	27.01 1.80 -4.28
ASTORIA_GT4_3 24104	22.59 1.73 -0.01	21.66 1.51 -0.01	19.75 1.34 -0.01	18.09 1.25 -0.01	17.56 1.16 -0.88	17.62 1.19 -0.74	18.06 1.12 -1.35	18.68 1.29 -1.63	19.82 1.38 0.00	20.91 1.66 0.00	22.14 1.86 -0.01	23.38 2.06 -0.51	25.25 2.08 -2.38	26.59 2.07 -3.65	27.79 2.40 -2.73	29.19 2.33 -4.46	34.22 2.40 -9.22	40.10 2.86 -9.42	42.16 2.92 -10.05	35.87 2.19 -10.16	33.05 2.06 -7.63	31.95 2.14 -7.95	28.30 2.16 -4.05	27.01 1.80 -4.28
ASTORIA_GT4_4 24105	22.59 1.73 -0.01	21.66 1.51 -0.01	19.75 1.34 -0.01	18.09 1.25 -0.01	17.56 1.16 -0.88	17.62 1.19 -0.74	18.06 1.12 -1.35	18.68 1.29 -1.63	19.82 1.38 0.00	20.91 1.66 0.00	22.14 1.86 -0.01	23.38 2.06 -0.51	25.25 2.08 -2.38	26.59 2.07 -3.65	27.79 2.40 -2.73	29.19 2.33 -4.46	34.22 2.40 -9.22	40.10 2.86 -9.42	42.16 2.92 -10.05	35.87 2.19 -10.16	33.05 2.06 -7.63	31.95 2.14 -7.95	28.30 2.16 -4.05	27.01 1.80 -4.28
ASTORIA_GT_1 23523	22.57 1.71 -0.01	21.71 1.55 -0.01	19.77 1.36 -0.01	18.10 1.26 -0.01	17.59 1.19 -0.88	17.64 1.21 -0.74	18.08 1.14 -1.35	18.72 1.32 -1.63	19.86 1.42 0.00	20.95 1.69 0.00	22.16 1.88 -0.01	23.44 2.12 -0.51	25.27 2.10 -2.38	26.65 2.13 -3.65	27.84 2.45 -2.73	29.24 2.37 -4.46	34.27 2.44 -9.22	40.15 2.92 -9.42	42.22 2.98 -10.05	35.92 2.24 -10.16	33.09 2.10 -7.63	32.02 2.21 -7.95	28.34 2.21 -4.05	27.16 1.95 -4.28

ASTORIA_GT_10 24110	22.48 1.63 -0.01	21.58 1.43 -0.01	19.69 1.29 -0.01	18.00 1.16 -0.01	17.50 1.10 -0.88	17.51 1.08 -0.74	18.00 1.06 -1.35	18.62 1.23 -1.63	19.86 1.42 0.00	20.89 1.64 0.00	22.06 1.78 -0.01	23.32 2.00 -0.51	25.17 2.00 -2.38	26.53 2.00 -3.65	27.68 2.29 -2.73	29.10 2.24 -4.46	34.10 2.28 -9.22	39.92 2.70 -9.41	42.01 2.77 -10.04	35.78 2.09 -10.16	33.00 2.01 -7.63	31.87 2.05 -7.95	28.23 2.10 -4.05	26.90 1.70 -4.27
ASTORIA_GT_11 24225	22.48 1.63 -0.01	21.58 1.43 -0.01	19.69 1.29 -0.01	18.00 1.16 -0.01	17.50 1.10 -0.88	17.51 1.08 -0.74	18.00 1.06 -1.35	18.62 1.23 -1.63	19.86 1.42 0.00	20.89 1.64 0.00	22.06 1.78 -0.01	23.32 2.00 -0.51	25.17 2.00 -2.38	26.53 2.00 -3.65	27.68 2.29 -2.73	29.10 2.24 -4.46	34.10 2.28 -9.22	39.92 2.70 -9.41	42.01 2.77 -10.04	35.78 2.09 -10.16	33.00 2.01 -7.63	31.87 2.05 -7.95	28.23 2.10 -4.05	26.90 1.70 -4.27
ASTORIA_GT_12 24226	22.48 1.63 -0.01	21.58 1.43 -0.01	19.69 1.29 -0.01	18.00 1.16 -0.01	17.50 1.10 -0.88	17.51 1.08 -0.74	18.00 1.06 -1.35	18.62 1.23 -1.63	19.86 1.42 0.00	20.89 1.64 0.00	22.06 1.78 -0.01	23.32 2.00 -0.51	25.17 2.00 -2.38	26.53 2.00 -3.65	27.68 2.29 -2.73	29.10 2.24 -4.46	34.10 2.28 -9.22	39.92 2.70 -9.41	42.01 2.77 -10.04	35.78 2.09 -10.16	33.00 2.01 -7.63	31.87 2.05 -7.95	28.23 2.10 -4.05	26.90 1.70 -4.27
ASTORIA_GT_13 24227	22.48 1.63 -0.01	21.58 1.43 -0.01	19.69 1.29 -0.01	18.00 1.16 -0.01	17.50 1.10 -0.88	17.51 1.08 -0.74	18.00 1.06 -1.35	18.62 1.23 -1.63	19.86 1.42 0.00	20.89 1.64 0.00	22.06 1.78 -0.01	23.32 2.00 -0.51	25.17 2.00 -2.38	26.53 2.00 -3.65	27.68 2.29 -2.73	29.10 2.24 -4.46	34.10 2.28 -9.22	39.92 2.70 -9.41	42.01 2.77 -10.04	35.78 2.09 -10.16	33.00 2.01 -7.63	31.87 2.05 -7.95	28.23 2.10 -4.05	26.90 1.70 -4.27
ASTORIA_GT_5 24106	22.57 1.71 -0.01	21.71 1.55 -0.01	19.77 1.36 -0.01	18.10 1.26 -0.01	17.59 1.19 -0.88	17.64 1.21 -0.74	18.08 1.14 -1.35	18.72 1.32 -1.63	19.86 1.42 0.00	20.95 1.69 0.00	22.16 1.88 -0.01	23.44 2.12 -0.51	25.27 2.10 -2.38	26.65 2.13 -3.65	27.84 2.45 -2.73	29.24 2.37 -4.46	34.27 2.44 -9.22	40.15 2.92 -9.42	42.22 2.98 -10.05	35.92 2.24 -10.16	33.09 2.10 -7.63	32.02 2.21 -7.95	28.34 2.21 -4.05	27.16 1.95 -4.28
ASTORIA_GT_7 24107	22.57 1.71 -0.01	21.71 1.55 -0.01	19.77 1.36 -0.01	18.10 1.26 -0.01	17.59 1.19 -0.88	17.64 1.21 -0.74	18.08 1.14 -1.35	18.72 1.32 -1.63	19.86 1.42 0.00	20.95 1.69 0.00	22.16 1.88 -0.01	23.44 2.12 -0.51	25.27 2.10 -2.38	26.65 2.13 -3.65	27.84 2.45 -2.73	29.24 2.37 -4.46	34.27 2.44 -9.22	40.15 2.92 -9.42	42.22 2.98 -10.05	35.92 2.24 -10.16	33.09 2.10 -7.63	32.02 2.21 -7.95	28.34 2.21 -4.05	27.16 1.95 -4.28
ASTORIA_GT_8 24108	22.63 1.77 -0.01	21.71 1.55 -0.01	19.77 1.36 -0.01	18.10 1.26 -0.01	17.59 1.19 -0.88	17.64 1.21 -0.74	18.08 1.14 -1.35	18.72 1.32 -1.63	19.86 1.42 0.00	20.95 1.69 0.00	22.18 1.90 -0.01	23.42 2.10 -0.51	25.29 2.12 -2.38	26.63 2.11 -3.65	27.84 2.45 -2.73	29.24 2.37 -4.46	34.27 2.44 -9.22	40.15 2.92 -9.42	42.22 2.98 -10.05	35.92 2.24 -10.16	33.09 2.10 -7.63	32.00 2.19 -7.95	28.34 2.21 -4.05	27.04 1.82 -4.28
ASTORIA___2 24149	22.55 1.69 -0.01	21.67 1.51 -0.01	19.75 1.34 -0.01	18.09 1.25 -0.01	17.56 1.16 -0.88	17.62 1.19 -0.74	18.06 1.12 -1.35	18.68 1.29 -1.63	19.82 1.38 0.00	20.91 1.66 0.00	22.12 1.84 -0.01	23.40 2.08 -0.51	25.23 2.06 -2.38	26.61 2.09 -3.65	27.79 2.40 -2.73	29.19 2.33 -4.46	34.22 2.39 -9.22	40.10 2.87 -9.42	42.16 2.92 -10.05	35.88 2.19 -10.16	33.05 2.06 -7.63	31.98 2.16 -7.95	28.30 2.16 -4.05	27.12 1.90 -4.28
ASTORIA___3 23516	22.44 1.58 -0.01	21.58 1.43 -0.01	19.69 1.29 -0.01	18.00 1.16 -0.01	17.50 1.10 -0.88	17.51 1.08 -0.74	18.00 1.06 -1.35	18.62 1.23 -1.63	19.86 1.42 0.00	20.89 1.64 0.00	22.06 1.78 -0.01	23.32 2.00 -0.51	25.15 1.98 -2.38	26.55 2.02 -3.65	27.68 2.29 -2.73	29.10 2.24 -4.46	34.10 2.28 -9.22	39.95 2.73 -9.41	42.01 2.77 -10.04	35.78 2.09 -10.16	33.00 2.01 -7.63	31.89 2.08 -7.95	28.23 2.10 -4.05	27.01 1.80 -4.27
ASTORIA___4 23517	22.48 1.63 -0.01	21.58 1.43 -0.01	19.69 1.29 -0.01	18.00 1.16 -0.01	17.50 1.10 -0.88	17.51 1.08 -0.74	18.00 1.06 -1.35	18.62 1.23 -1.63	19.86 1.42 0.00	20.89 1.64 0.00	22.06 1.78 -0.01	23.32 2.00 -0.51	25.17 2.00 -2.38	26.53 2.00 -3.65	27.68 2.29 -2.73	29.10 2.24 -4.46	34.10 2.28 -9.22	39.92 2.70 -9.41	42.01 2.77 -10.04	35.78 2.09 -10.16	33.00 2.01 -7.63	31.87 2.05 -7.95	28.23 2.10 -4.05	26.90 1.70 -4.27
ASTORIA___5 23518	22.44 1.58 -0.01	21.58 1.43 -0.01	19.69 1.29 -0.01	18.00 1.16 -0.01	17.50 1.10 -0.88	17.51 1.08 -0.74	18.00 1.06 -1.35	18.62 1.23 -1.63	19.86 1.42 0.00	20.89 1.64 0.00	22.06 1.78 -0.01	23.32 2.00 -0.51	25.15 1.98 -2.38	26.55 2.02 -3.65	27.68 2.29 -2.73	29.10 2.24 -4.46	34.10 2.28 -9.22	39.95 2.73 -9.41	42.01 2.77 -10.04	35.78 2.09 -10.16	33.02 2.03 -7.63	31.89 2.08 -7.95	28.23 2.10 -4.05	27.01 1.80 -4.27
AST_ENERGY_2_CC3 323677	22.31 1.46 0.00	21.45 1.31 0.00	19.58 1.18 0.00	17.88 1.04 0.00	17.40 1.01 -0.88	17.41 0.99 -0.74	17.94 1.00 -1.35	18.54 1.15 -1.63	19.82 1.38 0.00	20.81 1.56 0.00	21.95 1.68 0.00	23.21 1.89 -0.50	25.06 1.89 -2.38	26.44 1.92 -3.65	27.56 2.18 -2.72	28.99 2.13 -4.46	33.97 2.15 -9.22	39.84 2.61 -9.41	41.89 2.66 -10.04	35.69 2.00 -10.16	32.93 1.94 -7.63	31.75 1.95 -7.94	28.09 1.96 -4.05	26.90 1.70 -4.27
AST_ENERGY_2_CC4 323678	22.31 1.46 0.00	21.45 1.31 0.00	19.58 1.18 0.00	17.88 1.04 0.00	17.40 1.01 -0.88	17.41 0.99 -0.74	17.94 1.00 -1.35	18.54 1.15 -1.63	19.82 1.38 0.00	20.81 1.56 0.00	21.95 1.68 0.00	23.21 1.89 -0.50	25.06 1.89 -2.38	26.44 1.92 -3.65	27.56 2.18 -2.72	28.99 2.13 -4.46	33.97 2.15 -9.22	39.84 2.61 -9.41	41.89 2.66 -10.04	35.69 2.00 -10.16	32.93 1.94 -7.63	31.75 1.95 -7.94	28.09 1.96 -4.05	26.90 1.70 -4.27
ATHENS_STG_1 23668	21.77 0.92 0.00	20.95 0.81 0.00	19.14 0.74 0.00	17.52 0.69 0.00	17.14 0.64 -0.99	17.15 0.63 -0.84	17.76 0.64 -1.53	18.28 0.66 -1.85	19.25 0.81 0.00	20.10 0.85 0.00	21.18 0.91 0.00	22.46 1.08 -0.57	24.56 1.06 -2.71	26.10 1.08 -4.15	26.98 1.22 -3.09	28.68 1.21 -5.07	34.29 1.22 -10.47	39.98 1.47 -10.69	42.11 1.52 -11.41	36.27 1.20 -11.54	33.22 1.19 -8.67	32.04 1.16 -9.02	27.84 1.17 -4.60	26.79 1.00 -4.85
ATHENS_STG_2 23670	21.77 0.92 0.00	20.95 0.81 0.00	19.14 0.74 0.00	17.52 0.69 0.00	17.14 0.64 -0.99	17.15 0.63 -0.84	17.76 0.64 -1.53	18.28 0.66 -1.85	19.25 0.81 0.00	20.10 0.85 0.00	21.18 0.91 0.00	22.46 1.08 -0.57	24.56 1.06 -2.71	26.10 1.08 -4.15	26.98 1.22 -3.09	28.68 1.21 -5.07	34.29 1.22 -10.47	39.98 1.47 -10.69	42.11 1.52 -11.41	36.27 1.20 -11.54	33.22 1.19 -8.67	32.04 1.16 -9.02	27.84 1.17 -4.60	26.79 1.00 -4.85

ATHENS_STG_3 23677	21.77	20.95	19.14	17.52	17.14	17.15	17.76	18.28	19.25	20.10	21.18	22.46	24.56	26.10	26.98	28.68	34.29	39.98	42.11	36.27	33.22	32.04	27.84	26.79
	0.92	0.81	0.74	0.69	0.64	0.63	0.64	0.66	0.81	0.85	0.91	1.08	1.06	1.08	1.22	1.21	1.22	1.47	1.52	1.20	1.19	1.16	1.17	1.00
	0.00	0.00	0.00	0.00	-0.99	-0.84	-1.53	-1.85	0.00	0.00	0.00	-0.57	-2.71	-4.15	-3.09	-5.07	-10.47	-10.69	-11.41	-11.54	-8.67	-9.02	-4.60	-4.85
AUBURN____LFGE 323710	21.04	20.23	18.42	16.97	15.74	15.93	15.82	16.02	18.49	19.31	20.39	20.93	21.16	21.46	23.31	23.23	24.01	29.81	31.34	25.06	24.63	23.13	22.88	21.68
	0.19	0.08	0.02	0.13	0.12	0.16	0.06	0.06	0.06	0.06	0.12	0.06	0.08	0.15	0.32	0.29	0.29	0.42	0.47	0.31	0.35	0.31	0.31	0.23
	0.00	0.00	0.00	0.00	-0.11	-0.09	-0.16	-0.20	0.00	0.00	0.00	-0.06	-0.29	-0.44	-0.33	-0.54	-1.11	-1.57	-1.68	-1.23	-0.92	-0.96	-0.49	-0.52
BABYLON_RES_REC 323704	34.68	27.98	25.08	23.27	19.11	19.12	20.12	20.65	26.30	29.77	33.20	34.53	46.31	48.69	56.15	57.08	58.51	73.75	55.63	47.50	55.79	43.70	34.69	34.10
	2.10	1.95	1.77	1.63	1.52	1.54	1.50	1.61	1.90	2.08	2.19	2.37	2.16	2.07	2.33	2.31	2.37	2.89	2.95	2.28	2.27	2.34	2.67	2.34
	-11.72	-5.88	-4.91	-4.81	-2.08	-1.89	-3.03	-3.28	-5.96	-8.43	-10.75	-11.35	-23.36	-25.75	-31.15	-32.37	-33.53	-43.04	-23.49	-21.69	-30.16	-19.49	-9.94	-10.82
BABYLON__69_KV_BK2 356345	35.05	28.28	25.35	23.53	19.35	19.34	20.35	20.88	26.58	30.07	33.58	35.56	46.85	49.67	56.78	70.68	72.55	85.72	70.33	62.31	65.66	44.20	36.59	35.12
	2.48	2.26	2.04	1.89	1.75	1.76	1.73	1.84	2.18	2.39	2.55	2.75	2.70	2.63	2.97	2.93	2.98	3.64	3.74	2.92	2.87	2.84	3.02	2.62
	-11.72	-5.88	-4.91	-4.81	-2.08	-1.89	-3.03	-3.28	-5.96	-8.43	-10.76	-12.00	-23.36	-26.17	-31.15	-45.34	-46.96	-54.26	-37.40	-35.86	-39.43	-19.49	-11.48	-11.57
BARON_WINDS____WT_PWR 323822	20.87	20.03	18.18	16.53	15.26	15.42	15.40	15.47	17.70	18.48	19.43	19.96	20.34	20.89	22.54	22.72	23.80	11.05	11.37	25.03	24.49	23.19	22.78	21.58
	0.02	-0.12	-0.22	-0.30	-0.43	-0.42	-0.47	-0.63	-0.74	-0.77	-0.83	-0.96	-0.94	-0.73	-0.68	-0.60	-0.70	-0.83	-0.79	-0.59	-0.44	-0.31	-0.13	-0.23
	0.00	0.00	0.00	0.00	-0.18	-0.15	-0.28	-0.34	0.00	0.00	0.00	-0.10	-0.49	-0.75	-0.56	-0.92	-1.90	15.93	17.03	-2.09	-1.57	-1.63	-0.83	-0.88
BARRETT_IC_1 23704	34.38	27.68	24.84	23.02	18.88	18.87	19.92	20.44	26.10	29.42	32.75	33.91	46.10	48.42	55.99	52.36	53.61	69.54	50.58	42.40	52.36	43.41	33.60	33.34
	1.81	1.65	1.53	1.38	1.29	1.29	1.29	1.40	1.70	1.73	1.74	1.98	1.95	1.94	2.18	2.13	2.17	2.61	2.77	2.14	2.08	2.05	2.12	1.84
	-11.72	-5.88	-4.91	-4.81	-2.08	-1.89	-3.03	-3.28	-5.96	-8.43	-10.75	-11.13	-23.36	-25.61	-31.15	-27.83	-28.83	-39.12	-18.62	-16.73	-26.92	-19.49	-9.40	-10.56
BARRETT_IC_10 23701	34.38	27.68	24.84	23.02	18.88	18.87	19.92	20.44	26.10	29.42	32.75	33.91	46.10	48.42	55.99	52.36	53.61	69.54	50.58	42.40	52.36	43.41	33.60	33.34
	1.81	1.65	1.53	1.38	1.29	1.29	1.29	1.40	1.70	1.73	1.74	1.98	1.95	1.94	2.18	2.13	2.17	2.61	2.77	2.14	2.08	2.05	2.12	1.84
	-11.72	-5.88	-4.91	-4.81	-2.08	-1.89	-3.03	-3.28	-5.96	-8.43	-10.75	-11.13	-23.36	-25.61	-31.15	-27.83	-28.83	-39.12	-18.62	-16.73	-26.92	-19.49	-9.40	-10.56
BARRETT_IC_11 23702	34.38	27.68	24.84	23.02	18.88	18.87	19.92	20.44	26.10	29.42	32.75	33.91	46.10	48.42	55.99	52.36	53.61	69.54	50.58	42.40	52.36	43.41	33.60	33.34
	1.81	1.65	1.53	1.38	1.29	1.29	1.29	1.40	1.70	1.73	1.74	1.98	1.95	1.94	2.18	2.13	2.17	2.61	2.77	2.14	2.08	2.05	2.12	1.84
	-11.72	-5.88	-4.91	-4.81	-2.08	-1.89	-3.03	-3.28	-5.96	-8.43	-10.75	-11.13	-23.36	-25.61	-31.15	-27.83	-28.83	-39.12	-18.62	-16.73	-26.92	-19.49	-9.40	-10.56
BARRETT_IC_12 23703	34.38	27.68	24.84	23.02	18.88	18.87	19.92	20.44	26.10	29.42	32.75	33.91	46.10	48.42	55.99	52.36	53.61	69.54	50.58	42.40	52.36	43.41	33.60	33.34
	1.81	1.65	1.53	1.38	1.29	1.29	1.29	1.40	1.70	1.73	1.74	1.98	1.95	1.94	2.18	2.13	2.17	2.61	2.77	2.14	2.08	2.05	2.12	1.84
	-11.72	-5.88	-4.91	-4.81	-2.08	-1.89	-3.03	-3.28	-5.96	-8.43	-10.75	-11.13	-23.36	-25.61	-31.15	-27.83	-28.83	-39.12	-18.62	-16.73	-26.92	-19.49	-9.40	-10.56
BARRETT_IC_2 23705	34.38	27.68	24.84	23.02	18.88	18.87	19.92	20.44	26.10	29.42	32.75	33.91	46.10	48.42	55.99	52.36	53.61	69.54	50.58	42.40	52.36	43.41	33.60	33.34
	1.81	1.65	1.53	1.38	1.29	1.29	1.29	1.40	1.70	1.73	1.74	1.98	1.95	1.94	2.18	2.13	2.17	2.61	2.77	2.14	2.08	2.05	2.12	1.84
	-11.72	-5.88	-4.91	-4.81	-2.08	-1.89	-3.03	-3.28	-5.96	-8.43	-10.75	-11.13	-23.36	-25.61	-31.15	-27.83	-28.83	-39.12	-18.62	-16.73	-26.92	-19.49	-9.40	-10.56
BARRETT_IC_3 23706	34.38	27.68	24.84	23.02	18.88	18.87	19.92	20.44	26.10	29.42	32.75	33.91	46.10	48.42	55.99	52.36	53.61	69.54	50.58	42.40	52.36	43.41	33.60	33.34
	1.81	1.65	1.53	1.38	1.29	1.29	1.29	1.40	1.70	1.73	1.74	1.98	1.95	1.94	2.18	2.13	2.17	2.61	2.77	2.14	2.08	2.05	2.12	1.84
	-11.72	-5.88	-4.91	-4.81	-2.08	-1.89	-3.03	-3.28	-5.96	-8.43	-10.75	-11.13	-23.36	-25.61	-31.15	-27.83	-28.83	-39.12	-18.62	-16.73	-26.92	-19.49	-9.40	-10.56
BARRETT_IC_4 23707	34.38	27.68	24.84	23.02	18.88	18.87	19.92	20.44	26.10	29.42	32.75	33.91	46.10	48.42	55.99	52.36	53.61	69.54	50.58	42.40	52.36	43.41	33.60	33.34
	1.81	1.65	1.53	1.38	1.29	1.29	1.29	1.40	1.70	1.73	1.74	1.98	1.95	1.94	2.18	2.13	2.17	2.61	2.77	2.14	2.08	2.05	2.12	1.84
	-11.72	-5.88	-4.91	-4.81	-2.08	-1.89	-3.03	-3.28	-5.96	-8.43	-10.75	-11.13	-23.36	-25.61	-31.15	-27.83	-28.83	-39.12	-18.62	-16.73	-26.92	-19.49	-9.40	-10.56
BARRETT_IC_5 23708	34.38	27.68	24.84	23.02	18.88	18.87	19.92	20.44	26.10	29.42	32.75	33.91	46.10	48.42	55.99	52.36	53.61	69.54	50.58	42.40	52.36	43.41	33.60	33.34
	1.81	1.65	1.53	1.38	1.29	1.29	1.29	1.40	1.70	1.73	1.74	1.98	1.95	1.94	2.18	2.13	2.17	2.61	2.77	2.14	2.08	2.05	2.12	1.84
	-11.72	-5.88	-4.91	-4.81	-2.08	-1.89	-3.03	-3.28	-5.96	-8.43	-10.75	-11.13	-23.36	-25.61	-31.15	-27.83	-28.83	-39.12	-18.62	-16.73	-26.92	-19.49	-9.40	-10.56
BARRETT_IC_6 23709	34.38	27.68	24.84	23.02	18.88	18.87	19.92	20.44	26.10	29.42	32.75	33.91	46.10	48.42	55.99	52.36	53.61	69.54	50.58	42.40	52.36	43.41	33.60	33.34
	1.81	1.65	1.53	1.38	1.29	1.29	1.29	1.40	1.70	1.73	1.74	1.98	1.95	1.94	2.18	2.13	2.17	2.61	2.77	2.14	2.08	2.05	2.12	1.84
	-11.72	-5.88	-4.91	-4.81	-2.08	-1.89	-3.03	-3.28	-5.96	-8.43	-10.75	-11.13	-23.36	-25.61	-31.15	-27.83	-28.83	-39.12	-18.62	-16.73	-26.92	-19.49	-9.40	-10.56
BARRETT_IC_7 23710	34.43	27.68	24.84	23.02	18.88	18.87	19.92	20.44	26.10	29.42	32.77	33.89	46.10	48.40	55.99	52.36	53.61	69.54	50.55	42.40	52.36	43.39	33.60	33.24
	1.86	1.65	1.53	1.38	1.29	1.29	1.29	1.40	1.70	1.73	1.76	1.96	1.95	1.92	2.18	2.13	2.17	2.61	2.74	2.14	2.08	2.03	2.12	1.74
	-11.72	-5.88	-4.91	-4.81	-2.08	-1.89	-3.03	-3.28	-5.96	-8.43	-10.75	-11.13	-23.36	-25.61	-31.15	-27.83	-28.83	-39.12	-18.62	-16.73	-26.92	-19.49	-9.40	-10.56

BARRETT_IC_8 23711	34.38 1.81 -11.72	27.68 1.65 -5.88	24.84 1.53 -4.91	23.02 1.38 -4.81	18.88 1.29 -2.08	18.87 1.29 -1.89	19.92 1.29 -3.03	20.44 1.40 -3.28	26.10 1.70 -5.96	29.42 1.73 -8.43	32.75 1.74 -10.75	33.91 1.98 -11.13	46.10 1.95 -23.36	48.42 1.94 -25.61	55.99 2.18 -31.15	52.36 2.13 -27.83	53.61 2.17 -28.83	69.54 2.61 -39.12	50.58 2.77 -18.62	42.40 2.14 -16.73	52.36 2.08 -26.92	43.41 2.05 -19.49	33.60 2.12 -9.40	33.34 1.84 -10.56
BARRETT_IC_9 23700	34.38 1.81 -11.72	27.68 1.65 -5.88	24.84 1.53 -4.91	23.02 1.38 -4.81	18.88 1.29 -2.08	18.87 1.29 -1.89	19.92 1.29 -3.03	20.44 1.40 -3.28	26.10 1.70 -5.96	29.42 1.73 -8.43	32.75 1.74 -10.75	33.91 1.98 -11.13	46.10 1.95 -23.36	48.42 1.94 -25.61	55.99 2.18 -31.15	52.36 2.13 -27.83	53.61 2.17 -28.83	69.54 2.61 -39.12	50.58 2.77 -18.62	42.40 2.14 -16.73	52.36 2.08 -26.92	43.41 2.05 -19.49	33.60 2.12 -9.40	33.34 1.84 -10.56
BARRETT___1 23545	34.38 1.81 -11.72	27.68 1.65 -5.88	24.84 1.53 -4.91	23.02 1.38 -4.81	18.88 1.29 -2.08	18.87 1.29 -1.89	19.92 1.29 -3.03	20.44 1.40 -3.28	26.10 1.70 -5.96	29.42 1.73 -8.43	32.75 1.74 -10.75	33.91 1.98 -11.13	46.10 1.95 -23.36	48.42 1.94 -25.61	55.99 2.18 -31.15	52.36 2.13 -27.83	53.61 2.17 -28.83	69.54 2.61 -39.12	50.58 2.77 -18.62	42.40 2.14 -16.73	52.36 2.08 -26.92	43.41 2.05 -19.49	33.60 2.12 -9.40	33.34 1.84 -10.56
BARRETT___2 23546	34.38 1.81 -11.72	27.68 1.65 -5.88	24.84 1.53 -4.91	23.02 1.38 -4.81	18.88 1.29 -2.08	18.87 1.29 -1.89	19.92 1.29 -3.03	20.44 1.40 -3.28	26.10 1.70 -5.96	29.42 1.73 -8.43	32.75 1.74 -10.75	33.91 1.98 -11.13	46.10 1.95 -23.36	48.42 1.94 -25.61	55.99 2.18 -31.15	52.36 2.13 -27.83	53.61 2.17 -28.83	69.54 2.61 -39.12	50.58 2.77 -18.62	42.40 2.14 -16.73	52.36 2.08 -26.92	43.41 2.05 -19.49	33.60 2.12 -9.40	33.34 1.84 -10.56
BATAVIA___115KV_TB1 55881	20.93 0.08 0.00	20.03 -0.12 0.00	18.21 -0.18 0.00	16.60 -0.24 0.00	15.37 -0.26 -0.12	15.57 -0.22 -0.10	15.46 -0.31 -0.18	15.46 -0.52 -0.22	17.65 -0.79 0.00	18.43 -0.83 0.00	19.39 -0.87 0.00	19.98 -0.89 -0.07	20.32 -0.79 -0.32	20.57 -0.79 -0.49	22.58 -0.45 -0.37	22.58 -0.43 -0.60	23.22 -0.63 -1.25	26.61 -0.72 0.48	27.97 -0.70 0.52	24.36 -0.54 -1.37	24.00 -0.40 -1.03	22.81 -0.13 -1.07	22.78 0.15 -0.55	21.53 0.02 -0.58
BAYONEEC___CTG1 323682	22.33 1.48 0.00	21.48 1.33 0.00	19.59 1.20 0.00	17.89 1.06 0.00	17.41 1.02 -0.88	17.43 1.00 -0.74	17.95 1.01 -1.35	18.56 1.17 -1.63	19.84 1.40 0.00	20.83 1.58 0.00	21.97 1.70 0.00	23.23 1.91 -0.50	25.08 1.91 -2.38	26.46 1.94 -3.65	27.61 2.22 -2.72	29.04 2.17 -4.46	33.99 2.17 -9.22	39.87 2.64 -9.41	41.92 2.68 -10.04	35.71 2.02 -10.16	32.95 1.96 -7.63	31.79 1.99 -7.94	28.13 2.01 -4.05	26.92 1.72 -4.27
BAYONEEC___CTG10 323750	22.33 1.48 0.00	21.48 1.33 0.00	19.59 1.20 0.00	17.89 1.06 0.00	17.41 1.02 -0.88	17.43 1.00 -0.74	17.95 1.01 -1.35	18.56 1.17 -1.63	19.84 1.40 0.00	20.83 1.58 0.00	21.97 1.70 0.00	23.23 1.91 -0.50	25.08 1.91 -2.38	26.46 1.94 -3.65	27.61 2.22 -2.72	29.04 2.17 -4.46	33.99 2.17 -9.22	39.87 2.64 -9.41	41.92 2.68 -10.04	35.71 2.02 -10.16	32.95 1.96 -7.63	31.79 1.99 -7.94	28.13 2.01 -4.05	26.92 1.72 -4.27
BAYONEEC___CTG2 323683	22.33 1.48 0.00	21.48 1.33 0.00	19.59 1.20 0.00	17.89 1.06 0.00	17.41 1.02 -0.88	17.43 1.00 -0.74	17.95 1.01 -1.35	18.56 1.17 -1.63	19.84 1.40 0.00	20.83 1.58 0.00	21.97 1.70 0.00	23.23 1.91 -0.50	25.08 1.91 -2.38	26.46 1.94 -3.65	27.61 2.22 -2.72	29.04 2.17 -4.46	33.99 2.17 -9.22	39.87 2.64 -9.41	41.92 2.68 -10.04	35.71 2.02 -10.16	32.95 1.96 -7.63	31.79 1.99 -7.94	28.13 2.01 -4.05	26.92 1.72 -4.27
BAYONEEC___CTG3 323684	22.33 1.48 0.00	21.48 1.33 0.00	19.59 1.20 0.00	17.89 1.06 0.00	17.41 1.02 -0.88	17.43 1.00 -0.74	17.95 1.01 -1.35	18.56 1.17 -1.63	19.84 1.40 0.00	20.83 1.58 0.00	21.97 1.70 0.00	23.23 1.91 -0.50	25.08 1.91 -2.38	26.46 1.94 -3.65	27.61 2.22 -2.72	29.04 2.17 -4.46	33.99 2.17 -9.22	39.87 2.64 -9.41	41.92 2.68 -10.04	35.71 2.02 -10.16	32.95 1.96 -7.63	31.79 1.99 -7.94	28.13 2.01 -4.05	26.92 1.72 -4.27
BAYONEEC___CTG4 323685	22.33 1.48 0.00	21.48 1.33 0.00	19.59 1.20 0.00	17.89 1.06 0.00	17.41 1.02 -0.88	17.43 1.00 -0.74	17.95 1.01 -1.35	18.56 1.17 -1.63	19.84 1.40 0.00	20.83 1.58 0.00	21.97 1.70 0.00	23.23 1.91 -0.50	25.08 1.91 -2.38	26.46 1.94 -3.65	27.61 2.22 -2.72	29.04 2.17 -4.46	33.99 2.17 -9.22	39.87 2.64 -9.41	41.92 2.68 -10.04	35.71 2.02 -10.16	32.95 1.96 -7.63	31.79 1.99 -7.94	28.13 2.01 -4.05	26.92 1.72 -4.27
BAYONEEC___CTG5 323686	22.33 1.48 0.00	21.48 1.33 0.00	19.59 1.20 0.00	17.89 1.06 0.00	17.41 1.02 -0.88	17.43 1.00 -0.74	17.95 1.01 -1.35	18.56 1.17 -1.63	19.84 1.40 0.00	20.83 1.58 0.00	21.97 1.70 0.00	23.23 1.91 -0.50	25.08 1.91 -2.38	26.46 1.94 -3.65	27.61 2.22 -2.72	29.04 2.17 -4.46	33.99 2.17 -9.22	39.87 2.64 -9.41	41.92 2.68 -10.04	35.71 2.02 -10.16	32.95 1.96 -7.63	31.79 1.99 -7.94	28.13 2.01 -4.05	26.92 1.72 -4.27
BAYONEEC___CTG6 323687	22.33 1.48 0.00	21.48 1.33 0.00	19.59 1.20 0.00	17.89 1.06 0.00	17.41 1.02 -0.88	17.43 1.00 -0.74	17.95 1.01 -1.35	18.56 1.17 -1.63	19.84 1.40 0.00	20.83 1.58 0.00	21.97 1.70 0.00	23.23 1.91 -0.50	25.08 1.91 -2.38	26.46 1.94 -3.65	27.61 2.22 -2.72	29.04 2.17 -4.46	33.99 2.17 -9.22	39.87 2.64 -9.41	41.92 2.68 -10.04	35.71 2.02 -10.16	32.95 1.96 -7.63	31.79 1.99 -7.94	28.13 2.01 -4.05	26.92 1.72 -4.27
BAYONEEC___CTG7 323688	22.33 1.48 0.00	21.48 1.33 0.00	19.59 1.20 0.00	17.89 1.06 0.00	17.41 1.02 -0.88	17.43 1.00 -0.74	17.95 1.01 -1.35	18.56 1.17 -1.63	19.84 1.40 0.00	20.83 1.58 0.00	21.97 1.70 0.00	23.23 1.91 -0.50	25.08 1.91 -2.38	26.46 1.94 -3.65	27.61 2.22 -2.72	29.04 2.17 -4.46	33.99 2.17 -9.22	39.87 2.64 -9.41	41.92 2.68 -10.04	35.71 2.02 -10.16	32.95 1.96 -7.63	31.79 1.99 -7.94	28.13 2.01 -4.05	26.92 1.72 -4.27
BAYONEEC___CTG8 323689	22.33 1.48 0.00	21.48 1.33 0.00	19.59 1.20 0.00	17.89 1.06 0.00	17.41 1.02 -0.88	17.43 1.00 -0.74	17.95 1.01 -1.35	18.56 1.17 -1.63	19.84 1.40 0.00	20.83 1.58 0.00	21.97 1.70 0.00	23.23 1.91 -0.50	25.08 1.91 -2.38	26.46 1.94 -3.65	27.61 2.22 -2.72	29.04 2.17 -4.46	33.99 2.17 -9.22	39.87 2.64 -9.41	41.92 2.68 -10.04	35.71 2.02 -10.16	32.95 1.96 -7.63	31.79 1.99 -7.94	28.13 2.01 -4.05	26.92 1.72 -4.27
BAYONEEC___CTG9 323749	22.33 1.48 0.00	21.48 1.33 0.00	19.59 1.20 0.00	17.89 1.06 0.00	17.41 1.02 -0.88	17.43 1.00 -0.74	17.95 1.01 -1.35	18.56 1.17 -1.63	19.84 1.40 0.00	20.83 1.58 0.00	21.97 1.70 0.00	23.23 1.91 -0.50	25.08 1.91 -2.38	26.46 1.94 -3.65	27.61 2.22 -2.72	29.04 2.17 -4.46	33.99 2.17 -9.22	39.87 2.64 -9.41	41.92 2.68 -10.04	35.71 2.02 -10.16	32.95 1.96 -7.63	31.79 1.99 -7.94	28.13 2.01 -4.05	26.92 1.72 -4.27

BEACON___LESR 323632	21.58 0.73 0.00	20.79 0.64 0.00	18.99 0.59 0.00	17.44 0.61 0.00	17.18 0.54 -1.13	17.20 0.56 -0.95	17.91 0.58 -1.74	18.40 0.54 -2.10	19.14 0.70 0.00	19.97 0.71 0.00	20.97 0.71 0.00	22.35 0.89 -0.65	24.78 0.91 -3.07	26.54 0.96 -4.71	27.24 1.07 -3.51	29.23 1.08 -5.75	35.51 1.02 -11.89	41.20 1.25 -12.14	43.51 1.37 -12.95	37.76 1.13 -13.10	34.32 1.12 -9.84	33.11 1.01 -10.24	28.33 1.04 -5.22	27.32 0.88 -5.51
BEAVER RIVER___HYD 24048	20.41 -0.44 0.00	19.68 -0.46 0.00	17.99 -0.40 0.00	16.50 -0.34 0.00	15.23 -0.31 -0.03	15.42 -0.30 -0.03	15.31 -0.33 -0.05	15.49 -0.33 -0.06	17.90 -0.54 0.00	18.64 -0.62 0.00	19.58 -0.69 0.00	20.12 -0.71 -0.02	20.13 -0.75 -0.09	20.28 -0.73 -0.14	22.06 -0.70 -0.10	22.01 -0.56 -0.17	22.45 -0.50 -0.34	27.75 -0.42 -0.35	29.30 -0.26 -0.37	23.76 -0.14 -0.38	23.48 -0.16 -0.28	21.96 -0.20 -0.30	21.72 -0.51 -0.15	20.70 -0.40 -0.16
BEEBEE_GT_13 23619	20.79 -0.06 0.00	19.92 -0.22 0.00	18.16 -0.24 0.00	16.58 -0.25 0.00	15.44 -0.17 -0.10	15.63 -0.14 -0.09	15.54 -0.20 -0.16	15.64 -0.32 -0.19	17.88 -0.55 0.00	18.70 -0.56 0.00	19.72 -0.55 0.00	20.37 -0.50 -0.06	20.63 -0.44 -0.28	20.88 -0.42 -0.42	22.82 -0.16 -0.32	22.74 -0.18 -0.52	23.36 -0.32 -1.07	28.38 -0.53 -1.10	29.84 -0.53 -1.17	24.40 -0.31 -1.18	24.01 -0.23 -0.89	22.72 -0.07 -0.92	22.66 0.11 -0.47	21.47 0.04 -0.50
BENSHRST_27_KV_BENSHRST_1 355998	22.71 1.86 -0.01	21.81 1.65 -0.01	19.88 1.47 -0.01	18.15 1.31 -0.01	17.62 1.23 -0.88	17.62 1.19 -0.74	18.09 1.15 -1.35	18.73 1.34 -1.63	19.99 1.55 0.00	21.05 1.79 0.00	22.26 1.99 -0.01	36.06 2.18 -13.07	25.35 2.18 -2.38	26.74 2.19 -3.67	27.91 2.52 -2.73	29.37 2.46 -4.50	73.49 2.51 -48.37	73.77 3.00 -42.95	70.25 3.07 -38.00	69.54 2.35 -43.66	38.97 2.27 -13.34	44.86 2.25 -20.75	28.45 2.32 -4.05	32.75 1.88 -9.93
BETHLEHEM___GRP 23843	21.33 0.48 0.00	20.53 0.38 0.00	18.73 0.33 0.00	17.24 0.40 0.00	17.00 0.36 -1.13	17.00 0.36 -0.95	17.69 0.36 -1.74	18.20 0.33 -2.11	18.88 0.44 0.00	19.68 0.42 0.00	20.67 0.41 0.00	22.02 0.56 -0.65	24.43 0.56 -3.08	26.17 0.58 -4.71	26.83 0.66 -3.51	28.81 0.65 -5.76	35.14 0.63 -11.90	40.74 0.78 -12.15	43.00 0.85 -12.96	37.33 0.68 -13.12	33.89 0.68 -9.85	32.75 0.63 -10.26	27.97 0.66 -5.23	26.91 0.46 -5.51
BETHLEHEM___GS1 323560	21.29 0.44 0.00	20.53 0.38 0.00	18.73 0.33 0.00	17.23 0.40 0.00	17.00 0.36 -1.13	17.00 0.36 -0.95	17.69 0.36 -1.74	18.20 0.33 -2.11	18.88 0.44 0.00	19.68 0.42 0.00	20.65 0.38 0.00	22.02 0.56 -0.65	24.43 0.56 -3.08	26.17 0.58 -4.71	26.83 0.66 -3.51	28.81 0.65 -5.76	35.14 0.63 -11.90	40.74 0.78 -12.15	43.00 0.85 -12.96	37.33 0.68 -13.12	33.89 0.68 -9.85	32.75 0.63 -10.26	27.94 0.64 -5.23	26.99 0.54 -5.51
BETHLEHEM___GS2 323561	21.29 0.44 0.00	20.53 0.38 0.00	18.73 0.33 0.00	17.23 0.40 0.00	17.00 0.36 -1.13	17.00 0.36 -0.95	17.69 0.36 -1.74	18.20 0.33 -2.11	18.88 0.44 0.00	19.68 0.42 0.00	20.65 0.38 0.00	22.02 0.56 -0.65	24.43 0.56 -3.08	26.17 0.58 -4.71	26.83 0.66 -3.51	28.81 0.65 -5.76	35.14 0.63 -11.90	40.74 0.78 -12.15	43.00 0.85 -12.96	37.33 0.68 -13.12	33.89 0.68 -9.85	32.75 0.63 -10.26	27.94 0.64 -5.23	26.99 0.54 -5.51
BETHLEHEM___GS3 323562	21.29 0.44 0.00	20.53 0.38 0.00	18.73 0.33 0.00	17.23 0.40 0.00	17.00 0.36 -1.13	17.00 0.36 -0.95	17.69 0.36 -1.74	18.20 0.33 -2.11	18.88 0.44 0.00	19.68 0.42 0.00	20.65 0.38 0.00	22.02 0.56 -0.65	24.43 0.56 -3.08	26.17 0.58 -4.71	26.83 0.66 -3.51	28.81 0.65 -5.76	35.14 0.63 -11.90	40.74 0.78 -12.15	43.00 0.85 -12.96	37.33 0.68 -13.12	33.89 0.68 -9.85	32.75 0.63 -10.26	27.94 0.64 -5.23	26.99 0.54 -5.51
BETHLEHEM___STEEL 23779	20.72 -0.13 0.00	19.80 -0.34 0.00	18.05 -0.35 0.00	16.38 -0.45 0.00	15.06 -0.59 -0.14	15.24 -0.56 -0.12	15.15 -0.65 -0.21	15.10 -0.91 -0.26	17.35 -1.09 0.00	18.16 -1.10 0.00	19.07 -1.20 0.00	19.51 -1.37 -0.08	19.89 -1.27 -0.37	20.19 -1.25 -0.57	22.12 -0.97 -0.43	22.21 -0.90 -0.70	22.97 -1.08 -1.45	24.63 -1.50 1.69	25.78 -1.61 1.81	23.95 -1.18 -1.60	23.53 -1.03 -1.20	22.41 -0.70 -1.25	22.36 -0.35 -0.64	21.08 -0.52 -0.67
BETHLHEM_115KV_TB1 79974	21.37 0.52 0.00	20.59 0.44 0.00	18.78 0.39 0.00	17.27 0.44 0.00	17.03 0.39 -1.13	17.03 0.39 -0.95	17.72 0.39 -1.74	18.23 0.36 -2.10	18.92 0.48 0.00	19.74 0.48 0.00	20.73 0.47 0.00	22.08 0.62 -0.65	24.49 0.62 -3.08	26.21 0.63 -4.71	26.90 0.73 -3.51	28.87 0.72 -5.76	35.20 0.70 -11.89	40.82 0.86 -12.14	43.05 0.90 -12.95	37.39 0.75 -13.11	33.95 0.75 -9.85	32.81 0.70 -10.25	28.01 0.71 -5.22	26.95 0.50 -5.51
BETHPAGE_CC_5 323564	34.45 1.88 -11.72	27.80 1.77 -5.88	24.91 1.60 -4.91	23.10 1.46 -4.81	18.96 1.37 -2.08	18.95 1.36 -1.89	19.98 1.36 -3.03	20.51 1.47 -3.28	26.15 1.75 -5.96	29.63 1.94 -8.43	33.02 2.01 -10.75	34.31 2.20 -11.29	46.29 2.14 -23.36	48.73 2.15 -25.71	56.24 2.43 -31.15	55.95 2.37 -31.17	57.32 2.42 -32.29	72.77 2.95 -42.01	54.40 3.01 -22.20	46.26 2.35 -20.38	54.96 2.29 -29.31	43.61 2.25 -19.49	34.26 2.39 -9.80	33.78 2.09 -10.75
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	20.77 -0.08 0.00	19.84 -0.30 0.00	18.09 -0.31 0.00	16.39 -0.44 0.00	15.03 -0.62 -0.14	15.21 -0.60 -0.12	15.12 -0.69 -0.21	15.07 -0.95 -0.26	17.37 -1.07 0.00	18.18 -1.08 0.00	19.09 -1.18 0.00	19.49 -1.39 -0.08	19.88 -1.29 -0.38	20.18 -1.27 -0.58	22.10 -1.00 -0.43	22.19 -0.92 -0.71	22.99 -1.08 -1.47	24.84 -1.50 1.48	26.00 -1.61 1.58	23.97 -1.18 -1.62	23.52 -1.05 -1.21	22.40 -0.72 -1.26	22.35 -0.38 -0.64	21.05 -0.57 -0.68
BINGHAMTON___COGEN 23790	21.08 0.23 0.00	20.29 0.14 0.00	18.49 0.09 0.00	16.88 0.05 0.00	15.76 -0.02 -0.26	15.89 -0.02 -0.22	15.99 0.00 -0.40	16.21 -0.03 -0.48	18.42 -0.02 0.00	19.25 0.02 0.00	20.28 -0.04 0.00	20.92 -0.04 -0.15	21.47 -0.02 -0.71	21.97 0.02 -1.08	23.65 0.18 -0.81	23.90 0.18 -1.32	25.49 0.16 -2.73	30.85 0.25 -2.79	32.43 0.26 -2.97	26.70 0.16 -3.01	25.81 0.19 -2.26	24.43 0.22 -2.35	23.56 0.29 -1.20	22.33 0.13 -1.26
BIXINCNT_115KV_LOAD 355685	20.75 -0.10 0.00	19.86 -0.28 0.00	18.03 -0.37 0.00	16.31 -0.52 0.00	14.82 -0.84 -0.15	14.98 -0.83 -0.12	14.91 -0.90 -0.23	14.82 -1.21 -0.27	17.09 -1.35 0.00	17.79 -1.46 0.00	18.72 -1.54 0.00	18.98 -1.91 -0.09	19.30 -1.89 -0.40	19.46 -2.02 -0.62	21.35 -1.77 -0.46	21.59 -1.57 -0.75	22.55 -1.60 -1.55	25.35 -2.11 0.36	26.97 -1.84 0.38	23.87 -1.36 -1.71	23.41 -1.24 -1.29	22.24 -0.96 -1.34	22.10 -0.66 -0.68	20.76 -0.90 -0.72
BLACK RIVER___HYD 24047	20.64 -0.21 0.00	19.86 -0.28 0.00	18.16 -0.24 0.00	16.63 -0.20 0.00	15.37 -0.19 -0.04	15.57 -0.16 -0.04	15.46 -0.20 -0.07	15.62 -0.22 -0.08	18.05 -0.39 0.00	18.81 -0.44 0.00	19.78 -0.49 0.00	20.29 -0.54 -0.03	20.31 -0.60 -0.12	20.52 -0.54 -0.19	22.30 -0.50 -0.14	22.23 -0.40 -0.23	22.76 -0.32 -0.47	28.16 -0.14 -0.48	29.85 0.15 -0.51	24.26 0.21 -0.52	23.93 0.19 -0.39	22.40 0.13 -0.40	22.13 -0.15 -0.21	21.13 -0.02 -0.22

BLACKRVR_115KV_TB2 79977	20.64 -0.21 0.00	19.86 -0.28 0.00	18.16 -0.24 0.00	16.63 -0.20 0.00	15.37 -0.19 -0.04	15.57 -0.16 -0.04	15.46 -0.20 -0.07	15.62 -0.22 -0.08	18.05 -0.39 0.00	18.81 -0.44 0.00	19.78 -0.49 0.00	20.29 -0.54 -0.03	20.31 -0.60 -0.12	20.52 -0.54 -0.19	22.30 -0.50 -0.14	22.23 -0.40 -0.23	22.76 -0.32 -0.47	28.16 -0.14 -0.48	29.85 0.15 -0.51	24.26 0.21 -0.52	23.94 0.19 -0.39	22.40 0.13 -0.40	22.13 -0.15 -0.21	21.09 -0.06 -0.22
BLISS_WT_PWR 323608	20.68 -0.17 0.00	19.82 -0.32 0.00	17.99 -0.40 0.00	16.28 -0.56 0.00	14.79 -0.87 -0.15	14.95 -0.86 -0.12	14.87 -0.95 -0.23	14.74 -1.29 -0.27	16.98 -1.46 0.00	17.66 -1.60 0.00	18.60 -1.66 0.00	18.88 -2.02 -0.09	19.13 -2.06 -0.40	19.55 -1.94 -0.62	21.15 -1.97 -0.46	21.41 -1.75 -0.75	22.39 -1.76 -1.55	25.18 -2.28 0.36	26.88 -1.93 0.38	23.83 -1.41 -1.71	23.34 -1.31 -1.29	22.17 -1.03 -1.34	22.01 -0.75 -0.68	20.76 -0.90 -0.72
BLUE_CIRC_CHEM_DRP 24182	21.62 0.77 0.00	20.81 0.66 0.00	19.01 0.61 0.00	17.44 0.61 0.00	17.18 0.56 -1.11	17.18 0.56 -0.93	17.86 0.56 -1.71	18.35 0.52 -2.06	19.10 0.66 0.00	19.91 0.65 0.00	20.93 0.67 0.00	22.26 0.81 -0.64	24.64 0.83 -3.02	26.33 0.83 -4.62	27.04 0.93 -3.45	29.01 0.96 -5.65	35.22 0.95 -11.66	40.86 1.14 -11.91	43.15 1.26 -12.71	37.42 1.04 -12.86	34.05 1.03 -9.66	32.88 0.96 -10.05	28.19 0.99 -5.12	27.14 0.80 -5.40
BOC_GAS_DRP 24189	21.54 0.69 0.00	20.73 0.58 0.00	18.93 0.53 0.00	17.35 0.52 0.00	17.12 0.48 -1.12	17.12 0.49 -0.95	17.81 0.48 -1.73	18.33 0.47 -2.10	19.03 0.59 0.00	19.85 0.60 0.00	20.89 0.63 0.00	22.23 0.77 -0.65	24.62 0.77 -3.06	26.33 0.77 -4.69	27.02 0.86 -3.50	28.99 0.85 -5.73	35.30 0.86 -11.84	40.96 1.06 -12.09	43.20 1.11 -12.90	37.48 0.89 -13.06	34.05 0.89 -9.81	32.90 0.83 -10.21	28.14 0.86 -5.20	27.07 0.65 -5.49
BOONVILLE_115KV_TB1 79983	21.02 0.17 0.00	20.25 0.10 0.00	18.49 0.09 0.00	16.88 0.05 0.00	15.59 0.05 -0.03	15.78 0.06 -0.02	15.71 0.08 -0.04	15.89 0.08 -0.05	18.46 0.02 0.00	19.24 -0.02 0.00	20.26 0.00 0.00	20.82 0.00 -0.02	20.89 0.02 -0.08	21.03 0.04 -0.12	22.91 0.16 -0.09	22.77 0.22 -0.15	23.15 0.25 -0.30	28.57 0.45 -0.31	30.08 0.55 -0.33	24.31 0.45 -0.33	24.03 0.42 -0.25	22.49 0.37 -0.26	22.39 0.18 -0.13	21.26 0.19 -0.14
BORALEX_4TH_BRANCH 23824	22.04 1.19 0.00	21.23 1.09 0.00	19.39 0.99 0.00	17.77 0.94 0.00	17.49 0.85 -1.13	17.51 0.88 -0.95	18.20 0.87 -1.73	18.66 0.80 -2.10	19.43 0.99 0.00	20.16 0.91 0.00	21.20 0.93 0.00	22.60 1.14 -0.65	25.02 1.16 -3.07	26.75 1.19 -4.69	27.41 1.25 -3.50	29.35 1.21 -5.74	35.63 1.17 -11.85	41.39 1.47 -12.10	43.65 1.55 -12.91	37.95 1.36 -13.06	34.55 1.38 -9.81	33.36 1.29 -10.21	28.61 1.32 -5.20	27.64 1.21 -5.49
BOWLINE___1 23526	22.06 1.21 0.00	21.23 1.09 0.00	19.39 0.99 0.00	17.74 0.91 0.00	17.19 0.84 -0.84	17.23 0.83 -0.71	17.73 0.84 -1.30	18.26 0.93 -1.57	19.58 1.14 0.00	20.53 1.27 0.00	21.62 1.36 0.00	22.85 1.56 -0.49	24.62 1.54 -2.29	25.95 1.57 -3.51	27.05 1.77 -2.62	28.41 1.73 -4.29	33.23 1.76 -8.86	39.00 2.14 -9.05	41.00 2.16 -9.65	34.96 1.67 -9.77	32.31 1.61 -7.33	31.09 1.60 -7.63	27.56 1.59 -3.89	26.38 1.34 -4.10
BOWLINE___2 23595	22.04 1.19 0.00	21.23 1.09 0.00	19.39 0.99 0.00	17.72 0.89 0.00	17.18 0.82 -0.84	17.21 0.82 -0.71	17.71 0.83 -1.30	18.26 0.93 -1.57	19.58 1.14 0.00	20.51 1.25 0.00	21.62 1.36 0.00	22.83 1.54 -0.49	24.60 1.52 -2.29	25.93 1.54 -3.51	27.02 1.75 -2.62	28.39 1.70 -4.29	33.18 1.72 -8.86	38.95 2.09 -9.05	40.97 2.13 -9.65	34.92 1.62 -9.77	32.28 1.59 -7.34	31.05 1.55 -7.64	27.51 1.54 -3.89	26.36 1.32 -4.10
BRADY___115KV_TB2 356060	20.41 -0.44 0.00	19.84 -0.30 0.00	18.23 -0.17 0.00	16.66 -0.17 0.00	15.36 -0.16 0.00	15.53 -0.16 0.00	15.45 -0.14 0.00	15.67 -0.09 0.00	18.31 -0.13 0.00	19.10 -0.15 0.00	19.92 -0.34 0.00	20.48 -0.33 0.00	20.45 -0.33 0.00	20.50 -0.38 0.00	22.10 -0.57 0.00	21.86 -0.54 0.00	22.13 -0.47 0.00	27.23 -0.58 0.00	28.61 -0.58 0.00	23.17 -0.35 0.00	23.01 -0.35 0.00	21.45 -0.42 0.00	21.55 -0.53 0.00	20.66 -0.27 0.00
BRANSCOMB___SOLAR 323811	21.83 0.98 0.00	21.05 0.91 0.00	19.21 0.81 0.00	17.61 0.77 0.00	17.41 0.73 -1.17	17.42 0.75 -0.98	18.10 0.72 -1.80	18.58 0.65 -2.17	19.19 0.76 0.00	20.00 0.75 0.00	21.05 0.79 0.00	22.46 0.98 -0.67	24.96 1.00 -3.17	26.75 1.02 -4.86	27.42 1.13 -3.62	29.53 1.19 -5.94	36.04 1.17 -12.27	41.78 1.45 -12.52	44.19 1.63 -13.36	38.41 1.36 -13.52	34.89 1.38 -10.16	33.66 1.22 -10.57	28.79 1.32 -5.39	27.75 1.13 -5.68
BRENTWOD_69_KV_W. BRTWOOD 56703	34.95 2.38 -11.72	28.18 2.16 -5.88	25.28 1.97 -4.91	23.46 1.82 -4.81	19.28 1.69 -2.08	19.29 1.71 -1.89	20.29 1.67 -3.03	20.80 1.77 -3.28	26.48 2.08 -5.96	29.96 2.27 -8.43	33.42 2.39 -10.76	35.37 2.54 -12.02	46.68 2.54 -23.36	49.43 2.38 -26.18	56.44 2.63 -31.15	70.69 2.60 -45.69	72.57 2.64 -47.32	85.60 3.23 -54.56	70.26 3.30 -37.77	62.34 2.56 -36.24	65.56 2.52 -39.68	43.96 2.60 -19.49	36.41 2.80 -11.53	34.95 2.43 -11.59
BRISTLHL_115KV_TB1 79998	20.56 -0.29 0.00	19.84 -0.30 0.00	18.10 -0.29 0.00	16.55 -0.29 0.00	15.33 -0.25 -0.07	15.51 -0.24 -0.06	15.46 -0.23 -0.11	15.65 -0.24 -0.13	18.12 -0.31 0.00	18.93 -0.33 0.00	19.96 -0.30 0.00	20.43 -0.42 -0.04	20.56 -0.42 -0.19	20.78 -0.38 -0.29	22.56 -0.32 -0.21	22.44 -0.31 -0.35	22.99 -0.34 -0.73	28.19 -0.36 -0.74	29.60 -0.38 -0.79	24.00 -0.33 -0.80	23.66 -0.30 -0.60	22.20 -0.28 -0.62	22.11 -0.29 -0.32	20.98 -0.29 -0.34
BROOKHAVEN___DRP 24191	35.07 2.50 -11.72	28.30 2.28 -5.88	25.39 2.08 -4.91	23.56 1.92 -4.81	19.39 1.80 -2.08	19.40 1.82 -1.89	20.39 1.76 -3.03	20.88 1.84 -3.28	26.58 2.18 -5.96	30.07 2.39 -8.43	33.60 2.51 -10.83	38.51 2.68 -15.01	46.81 2.66 -23.36	51.63 2.67 -28.08	56.84 3.01 -31.16	130.67 2.98 -105.29	134.63 3.03 -109.00	137.61 3.70 -106.10	134.70 3.82 -101.69	127.90 3.01 -101.36	108.56 2.94 -82.25	44.18 2.82 -19.49	43.71 3.00 -18.62	38.51 2.58 -15.00
BROOKLYN_NAVY_YARD 23515	22.29 1.44 0.00	21.44 1.29 0.00	19.54 1.14 0.00	17.86 1.03 0.00	17.37 0.98 -0.88	17.40 0.97 -0.74	17.94 1.00 -1.35	18.56 1.17 -1.63	19.84 1.40 0.00	20.85 1.60 0.00	21.93 1.66 0.00	23.19 1.87 -0.50	25.04 1.87 -2.38	26.44 1.92 -3.65	27.56 2.18 -2.72	28.97 2.11 -4.46	33.97 2.15 -9.22	39.81 2.59 -9.41	41.86 2.63 -10.04	35.69 2.00 -10.16	32.93 1.94 -7.63	31.73 1.92 -7.94	28.13 2.01 -4.05	26.90 1.70 -4.27
BROOKLYN___ARMY_DRP 323595	22.61 1.75 -0.01	21.71 1.55 -0.01	19.80 1.40 -0.01	18.09 1.25 -0.01	17.56 1.16 -0.88	17.55 1.13 -0.74	18.03 1.09 -1.35	18.65 1.26 -1.63	19.89 1.46 0.00	20.95 1.69 0.00	22.14 1.86 -0.01	35.96 2.08 -13.07	25.25 2.08 -2.38	26.61 2.07 -3.67	27.79 2.40 -2.73	29.23 2.33 -4.50	73.35 2.37 -48.37	73.60 2.84 -42.95	70.08 2.89 -38.00	69.37 2.19 -43.66	38.83 2.13 -13.34	44.75 2.14 -20.75	28.34 2.21 -4.05	32.64 1.78 -9.93

BROOKVLE_69_KV_TB1 55790	34.47 1.90 -11.72	27.72 1.69 -5.88	24.84 1.53 -4.91	23.04 1.40 -4.81	18.88 1.29 -2.08	18.87 1.29 -1.89	19.92 1.29 -3.03	20.46 1.42 -3.28	26.12 1.71 -5.96	29.57 1.89 -8.43	33.00 1.99 -10.75	34.19 2.21 -11.17	46.35 2.20 -23.36	48.74 2.23 -25.64	56.35 2.54 -31.15	53.65 2.49 -28.76	54.91 2.51 -29.80	70.79 3.06 -39.92	51.93 3.12 -19.61	43.69 2.42 -17.74	53.33 2.38 -27.59	43.65 2.30 -19.49	33.93 2.34 -9.51	33.48 1.93 -10.62
BROOME_2_LFGE 323671	21.06 0.21 0.00	20.29 0.14 0.00	18.49 0.09 0.00	16.88 0.05 0.00	15.76 -0.02 -0.26	15.89 -0.02 -0.22	15.99 0.00 -0.40	16.21 -0.03 -0.48	18.42 -0.02 0.00	19.25 0.00 0.00	20.28 0.02 0.00	20.92 -0.04 -0.15	21.47 -0.02 -0.71	22.04 0.08 -1.08	23.65 0.18 -0.81	23.90 0.18 -1.32	25.49 0.16 -2.73	30.85 0.25 -2.79	32.43 0.26 -2.97	26.70 0.17 -3.01	25.81 0.19 -2.26	24.43 0.22 -2.35	23.56 0.29 -1.20	22.41 0.21 -1.26
BROOME___LFGE 323600	21.06 0.21 0.00	20.29 0.14 0.00	18.49 0.09 0.00	16.88 0.05 0.00	15.76 -0.02 -0.26	15.89 -0.02 -0.22	15.99 0.00 -0.40	16.21 -0.03 -0.48	18.42 -0.02 0.00	19.25 0.00 0.00	20.28 0.02 0.00	20.92 -0.04 -0.15	21.47 -0.02 -0.71	22.04 0.08 -1.08	23.65 0.18 -0.81	23.90 0.18 -1.32	25.49 0.16 -2.73	30.85 0.25 -2.79	32.43 0.26 -2.97	26.70 0.17 -3.01	25.81 0.19 -2.26	24.43 0.22 -2.35	23.56 0.29 -1.20	22.41 0.21 -1.26
BROWNFLS_115KV_TB_3_5 80003	19.95 -0.90 0.00	19.32 -0.83 0.00	17.72 -0.68 0.00	16.24 -0.59 0.00	14.99 -0.54 -0.02	15.17 -0.53 -0.02	15.06 -0.56 -0.04	15.27 -0.54 -0.04	17.72 -0.72 0.00	18.47 -0.79 0.00	19.33 -0.93 0.00	19.86 -0.96 -0.01	19.87 -0.98 -0.06	19.99 -0.98 -0.10	21.62 -1.11 -0.07	21.53 -0.99 -0.12	21.92 -0.93 -0.24	27.03 -1.03 -0.25	28.49 -0.96 -0.26	23.09 -0.71 -0.27	22.84 -0.72 -0.20	21.33 -0.74 -0.21	21.19 -0.99 -0.11	20.25 -0.80 -0.11
BROWNSV1_27_KV_LOAD 356125	22.58 1.73 0.00	21.66 1.51 0.00	19.74 1.34 0.00	18.04 1.21 0.00	17.54 1.15 -0.88	17.55 1.13 -0.74	18.08 1.14 -1.35	18.70 1.31 -1.63	20.01 1.57 0.00	21.03 1.77 0.00	22.17 1.90 0.00	23.44 2.12 -0.50	25.29 2.12 -2.38	26.65 2.13 -3.65	27.83 2.45 -2.72	29.28 2.42 -4.46	34.26 2.44 -9.22	40.17 2.95 -9.41	42.27 3.04 -10.04	35.99 2.31 -10.16	33.21 2.22 -7.63	31.99 2.19 -7.94	28.38 2.25 -4.05	27.03 1.82 -4.27
BURROWS___LYONSDAL 23803	20.89 0.04 0.00	20.13 -0.02 0.00	18.40 0.00 0.00	16.80 -0.03 0.00	15.51 -0.03 -0.03	15.71 0.00 -0.02	15.64 0.00 -0.05	15.80 -0.02 -0.05	18.33 -0.11 0.00	19.10 -0.15 0.00	20.10 -0.16 0.00	20.66 -0.17 -0.02	20.70 -0.17 -0.08	20.85 -0.15 -0.12	22.71 -0.05 -0.09	22.62 0.07 -0.15	23.00 0.09 -0.31	28.41 0.28 -0.32	29.94 0.41 -0.34	24.20 0.33 -0.34	23.92 0.30 -0.26	22.39 0.26 -0.27	22.24 0.02 -0.14	21.12 0.04 -0.14
CAITHNESS_CC_1 323624	34.93 2.36 -11.72	28.20 2.18 -5.88	25.30 1.99 -4.91	23.49 1.85 -4.81	19.33 1.74 -2.08	19.34 1.76 -1.89	20.32 1.70 -3.03	20.82 1.78 -3.28	26.50 2.10 -5.96	30.00 2.31 -8.43	33.50 2.41 -10.83	38.38 2.58 -14.99	46.68 2.54 -23.36	51.51 2.57 -28.07	56.70 2.88 -31.16	130.11 2.82 -104.88	134.06 2.87 -108.58	137.07 3.50 -105.75	134.07 3.62 -101.25	127.27 2.82 -100.92	108.10 2.78 -81.97	44.04 2.69 -19.49	43.52 2.87 -18.58	38.47 2.55 -14.98
CALPINE BETH_PAGE_GT4 24209	34.43 1.86 -11.72	27.76 1.73 -5.88	24.88 1.56 -4.91	23.07 1.43 -4.81	18.93 1.33 -2.08	18.92 1.33 -1.89	19.95 1.33 -3.03	20.49 1.45 -3.28	26.13 1.73 -5.96	29.59 1.91 -8.43	32.96 1.95 -10.75	34.23 2.14 -11.28	46.27 2.12 -23.36	48.68 2.11 -25.70	56.22 2.40 -31.15	55.56 2.35 -30.81	56.91 2.40 -31.91	72.40 2.89 -41.69	53.97 2.98 -21.81	45.83 2.33 -19.98	54.67 2.27 -29.04	43.56 2.21 -19.49	34.17 2.34 -9.75	33.62 1.95 -10.73
CALPINE_BETH_PAGE_GT_4 323586	34.38 1.81 -11.72	27.76 1.73 -5.88	24.88 1.56 -4.91	23.07 1.43 -4.81	18.93 1.33 -2.08	18.92 1.33 -1.89	19.95 1.32 -3.03	20.49 1.45 -3.28	26.13 1.73 -5.96	29.59 1.91 -8.43	32.96 1.95 -10.75	34.25 2.16 -11.28	46.25 2.10 -23.36	48.70 2.13 -25.70	56.21 2.40 -31.15	55.56 2.35 -30.81	56.91 2.39 -31.91	72.42 2.92 -41.69	53.98 2.98 -21.81	45.83 2.33 -19.98	54.67 2.27 -29.04	43.59 2.23 -19.49	34.15 2.32 -9.75	33.72 2.05 -10.73
CALPINE_BP_GT1 23823	34.38 1.81 -11.72	27.76 1.73 -5.88	24.88 1.56 -4.91	23.07 1.43 -4.81	18.93 1.33 -2.08	18.92 1.33 -1.89	19.95 1.32 -3.03	20.49 1.45 -3.28	26.13 1.73 -5.96	29.59 1.91 -8.43	32.96 1.95 -10.75	34.25 2.16 -11.28	46.25 2.10 -23.36	48.70 2.13 -25.70	56.21 2.40 -31.15	55.56 2.35 -30.81	56.91 2.39 -31.91	72.42 2.92 -41.69	53.98 2.98 -21.81	45.83 2.33 -19.98	54.67 2.27 -29.04	43.59 2.23 -19.49	34.15 2.32 -9.75	33.72 2.05 -10.73
CALSPAN___DRP 24200	20.72 -0.13 0.00	19.80 -0.34 0.00	18.05 -0.35 0.00	16.38 -0.45 0.00	15.06 -0.59 -0.14	15.24 -0.56 -0.12	15.15 -0.65 -0.21	15.10 -0.91 -0.26	17.35 -1.09 0.00	18.16 -1.10 0.00	19.07 -1.20 0.00	19.51 -1.37 -0.08	19.89 -1.27 -0.37	20.19 -1.25 -0.57	22.12 -0.97 -0.43	22.21 -0.90 -0.70	22.97 -1.08 -1.45	24.63 -1.50 1.69	25.78 -1.61 1.81	23.95 -1.18 -1.60	23.53 -1.03 -1.20	22.41 -0.70 -1.25	22.36 -0.35 -0.64	21.08 -0.52 -0.67
CALVERTON___SOLAR 323806	35.16 2.58 -11.72	28.40 2.38 -5.88	25.48 2.17 -4.91	23.66 2.02 -4.81	19.48 1.89 -2.08	19.48 1.90 -1.89	20.46 1.84 -3.03	20.96 1.92 -3.28	26.67 2.27 -5.96	30.19 2.50 -8.43	33.72 2.63 -10.83	38.66 2.83 -15.02	46.95 2.81 -23.36	51.82 2.86 -28.09	57.04 3.22 -31.16	131.05 3.18 -105.46	135.02 3.23 -109.19	138.04 3.98 -106.25	135.16 4.09 -101.88	128.31 3.22 -101.56	108.89 3.15 -82.38	44.39 3.04 -19.49	43.92 3.20 -18.65	38.81 2.87 -15.01
CANDIGU_WT_PWR 323617	20.87 0.02 0.00	20.03 -0.12 0.00	18.18 -0.22 0.00	16.53 -0.30 0.00	15.26 -0.43 -0.18	15.42 -0.42 -0.15	15.40 -0.47 -0.28	15.47 -0.63 -0.34	17.70 -0.74 0.00	18.48 -0.77 0.00	19.43 -0.83 0.00	19.96 -0.96 -0.10	20.34 -0.94 -0.49	20.89 -0.73 -0.75	22.54 -0.68 -0.56	22.72 -0.60 -0.92	23.80 -0.70 -1.90	11.05 -0.83 15.93	11.37 -0.79 17.03	25.03 -0.59 -2.09	24.49 -0.44 -1.57	23.19 -0.31 -1.63	22.78 -0.13 -0.83	21.58 -0.23 -0.88
CARR STREET_E_SYR 24060	20.70 -0.14 0.00	19.98 -0.16 0.00	18.21 -0.18 0.00	16.65 -0.18 0.00	15.43 -0.16 -0.08	15.60 -0.16 -0.06	15.57 -0.14 -0.12	15.75 -0.16 -0.14	18.24 -0.20 0.00	19.04 -0.21 0.00	20.08 -0.18 0.00	20.60 -0.25 -0.04	20.75 -0.25 -0.21	21.02 -0.17 -0.32	22.79 -0.11 -0.24	22.68 -0.11 -0.39	23.28 -0.13 -0.81	28.50 -0.14 -0.83	29.93 -0.15 -0.88	24.25 -0.16 -0.89	23.89 -0.14 -0.67	22.43 -0.13 -0.70	22.32 -0.11 -0.36	21.27 -0.04 -0.37
CARTHAGE___PAPER 23857	20.49 -0.35 0.00	19.74 -0.40 0.00	18.05 -0.35 0.00	16.55 -0.29 0.00	15.29 -0.26 -0.04	15.49 -0.23 -0.03	15.37 -0.28 -0.06	15.54 -0.30 -0.07	17.96 -0.48 0.00	18.70 -0.56 0.00	19.64 -0.63 0.00	20.16 -0.67 -0.02	20.17 -0.73 -0.11	20.35 -0.69 -0.17	22.11 -0.68 -0.12	22.05 -0.56 -0.20	22.55 -0.48 -0.42	27.88 -0.36 -0.43	29.53 -0.12 -0.46	23.99 0.00 -0.46	23.68 -0.02 -0.35	22.16 -0.07 -0.36	21.89 -0.38 -0.18	20.86 -0.27 -0.19

CASSADAGA_WT_PWR 323784	21.16 0.31 0.00	19.98 -0.16 0.00	18.07 -0.33 0.00	16.34 -0.49 0.00	15.01 -0.65 -0.14	15.17 -0.64 -0.12	15.00 -0.81 -0.22	14.96 -1.07 -0.27	17.24 -1.20 0.00	18.12 -1.14 0.00	19.07 -1.20 0.00	19.54 -1.35 -0.08	19.87 -1.31 -0.39	20.53 -0.94 -0.60	22.11 -1.00 -0.45	22.37 -0.76 -0.73	23.26 -0.86 -1.52	25.58 -1.25 0.98	26.80 -1.34 1.05	24.28 -0.92 -1.67	23.87 -0.75 -1.25	22.84 -0.33 -1.31	22.92 0.18 -0.67	21.62 -0.02 -0.70
CE_DUNWOOD___DRP 24194	22.27 1.42 0.00	21.40 1.25 0.00	19.52 1.12 0.00	17.86 1.03 0.00	17.35 0.96 -0.87	17.38 0.96 -0.73	17.90 0.97 -1.35	18.46 1.07 -1.63	19.75 1.31 0.00	20.70 1.44 0.00	21.82 1.56 0.00	23.08 1.77 -0.50	24.93 1.77 -2.38	26.27 1.75 -3.64	27.40 2.02 -2.72	28.83 1.97 -4.45	33.81 2.01 -9.20	39.63 2.42 -9.39	41.69 2.48 -10.02	35.57 1.91 -10.14	32.84 1.87 -7.62	31.60 1.81 -7.93	27.95 1.83 -4.04	26.66 1.47 -4.26
CE_MILLWOOD___DRP 24193	22.20 1.36 0.00	21.33 1.19 0.00	19.47 1.07 0.00	17.81 0.98 0.00	17.30 0.92 -0.87	17.33 0.91 -0.73	17.85 0.92 -1.34	18.41 1.02 -1.62	19.69 1.25 0.00	20.64 1.39 0.00	21.74 1.48 0.00	23.02 1.71 -0.50	24.86 1.70 -2.37	26.19 1.69 -3.63	27.32 1.95 -2.70	28.74 1.90 -4.43	33.71 1.94 -9.16	39.53 2.36 -9.35	41.56 2.39 -9.98	35.46 1.84 -10.10	32.74 1.80 -7.58	31.50 1.75 -7.89	27.87 1.77 -4.02	26.56 1.38 -4.24
CE_NYC2_DRP 24202	22.48 1.63 -0.01	21.58 1.43 -0.01	19.69 1.29 -0.01	18.00 1.16 -0.01	17.50 1.10 -0.88	17.51 1.08 -0.74	18.00 1.06 -1.35	18.62 1.23 -1.63	19.86 1.42 0.00	20.89 1.64 0.00	22.08 1.80 -0.01	23.32 2.00 -0.51	25.17 2.00 -2.38	26.53 2.00 -3.65	27.70 2.31 -2.73	29.13 2.26 -4.46	34.10 2.28 -9.22	39.95 2.73 -9.41	42.01 2.77 -10.04	35.80 2.12 -10.16	33.02 2.03 -7.63	31.87 2.05 -7.95	28.23 2.10 -4.05	26.90 1.70 -4.27
CE_NYC_DRP 24195	22.39 1.54 0.00	21.50 1.35 0.00	19.61 1.21 0.00	17.93 1.09 0.00	17.43 1.04 -0.88	17.44 1.02 -0.74	17.97 1.03 -1.35	18.59 1.20 -1.63	19.86 1.42 0.00	20.85 1.60 0.00	21.99 1.72 0.00	23.25 1.94 -0.50	25.10 1.93 -2.38	26.46 1.94 -3.65	27.63 2.24 -2.72	29.06 2.20 -4.46	34.04 2.22 -9.22	39.89 2.67 -9.41	41.95 2.71 -10.04	35.76 2.07 -10.16	33.00 2.01 -7.63	31.79 1.99 -7.94	28.16 2.03 -4.05	26.84 1.63 -4.27
CHAFFEE___LFGE 323603	20.72 -0.12 0.00	19.82 -0.32 0.00	18.09 -0.31 0.00	16.39 -0.44 0.00	15.03 -0.62 -0.14	15.23 -0.58 -0.12	15.12 -0.69 -0.22	15.08 -0.95 -0.27	17.37 -1.07 0.00	18.18 -1.08 0.00	19.13 -1.13 0.00	19.58 -1.31 -0.08	19.93 -1.25 -0.39	20.53 -0.94 -0.59	22.18 -0.93 -0.44	22.28 -0.85 -0.73	23.07 -1.04 -1.50	25.35 -1.45 1.01	26.53 -1.58 1.09	24.05 -1.13 -1.65	23.60 -1.00 -1.24	22.43 -0.72 -1.29	22.36 -0.38 -0.66	21.15 -0.48 -0.70
CHATEAUG_35_KV_LOAD 355732	20.56 -0.29 0.00	20.13 -0.02 0.00	18.40 0.00 0.00	16.90 0.07 0.00	15.59 0.08 0.00	15.77 0.08 0.00	15.65 0.06 0.00	15.92 0.16 0.00	18.68 0.24 0.00	19.49 0.23 0.00	20.43 0.16 0.00	20.95 0.15 0.00	20.89 0.10 0.00	20.89 0.02 0.00	22.50 -0.16 0.00	22.27 -0.13 0.00	22.54 -0.07 0.00	27.62 -0.19 0.00	28.90 -0.29 0.00	23.34 -0.19 0.00	23.17 -0.19 0.00	21.47 -0.39 0.00	21.59 -0.49 0.00	20.64 -0.29 0.00
CHATEAUG_WT_PWR 323614	20.60 -0.25 0.00	20.13 -0.02 0.00	18.40 0.00 0.00	16.92 0.08 0.00	15.61 0.09 0.00	15.78 0.09 0.00	15.67 0.08 0.00	15.92 0.16 0.00	18.68 0.24 0.00	19.50 0.25 0.00	20.45 0.18 0.00	20.95 0.15 0.00	20.91 0.13 0.00	20.85 -0.02 0.00	22.53 -0.14 0.00	22.29 -0.11 0.00	22.56 -0.05 0.00	27.68 -0.14 0.00	28.93 -0.26 0.00	23.34 -0.19 0.00	23.17 -0.19 0.00	21.49 -0.37 0.00	21.61 -0.46 0.00	20.48 -0.46 0.00
CHAT_HIGH_FALL_HYD 323578	20.60 -0.25 0.00	20.13 -0.02 0.00	18.40 0.00 0.00	16.90 0.07 0.00	15.59 0.08 0.00	15.77 0.08 0.00	15.65 0.06 0.00	15.92 0.16 0.00	18.68 0.24 0.00	19.49 0.23 0.00	20.43 0.16 0.00	20.93 0.13 0.00	20.89 0.10 0.00	20.83 -0.04 0.00	22.50 -0.16 0.00	22.27 -0.13 0.00	22.54 -0.07 0.00	27.62 -0.19 0.00	28.90 -0.29 0.00	23.34 -0.19 0.00	23.17 -0.19 0.00	21.47 -0.39 0.00	21.59 -0.49 0.00	20.46 -0.48 0.00
CHAUTAUQUA___LFGE 323629	20.98 0.13 0.00	19.96 -0.18 0.00	18.14 -0.26 0.00	16.45 -0.39 0.00	15.13 -0.53 -0.14	15.31 -0.50 -0.12	15.17 -0.64 -0.22	15.14 -0.88 -0.26	17.42 -1.01 0.00	18.27 -0.98 0.00	19.23 -1.03 0.00	19.72 -1.16 -0.08	20.05 -1.12 -0.39	20.67 -0.79 -0.59	22.31 -0.79 -0.44	22.47 -0.65 -0.72	23.28 -0.81 -1.49	25.21 -1.20 1.40	26.37 -1.31 1.50	24.28 -0.89 -1.64	23.85 -0.75 -1.24	22.73 -0.42 -1.29	22.71 -0.02 -0.66	21.46 -0.17 -0.69
CHERRYST_13_KV_LD 356241	22.45 1.61 0.00	21.56 1.41 0.00	19.67 1.27 0.00	17.98 1.14 0.00	17.47 1.09 -0.88	17.49 1.07 -0.74	18.03 1.09 -1.35	18.64 1.25 -1.63	19.91 1.48 0.00	20.93 1.68 0.00	22.07 1.80 0.00	23.33 2.02 -0.50	25.19 2.02 -2.38	26.55 2.02 -3.65	27.72 2.33 -2.72	29.15 2.28 -4.46	34.15 2.33 -9.22	40.03 2.81 -9.41	42.09 2.86 -10.04	35.87 2.19 -10.16	33.09 2.10 -7.63	31.88 2.08 -7.94	28.24 2.12 -4.05	26.90 1.70 -4.27
CHESTROR_138KV_BK263 355645	21.95 1.11 0.00	21.09 0.95 0.00	19.26 0.86 0.00	17.62 0.79 0.00	17.00 0.70 -0.79	17.05 0.69 -0.67	17.50 0.69 -1.22	18.00 0.76 -1.48	19.38 0.94 0.00	20.29 1.04 0.00	21.38 1.11 0.00	22.56 1.29 -0.46	24.24 1.29 -2.16	25.48 1.29 -3.31	26.60 1.47 -2.47	27.90 1.46 -4.05	32.46 1.49 -8.36	38.16 1.81 -8.54	40.14 1.84 -9.11	34.18 1.44 -9.22	31.68 1.40 -6.92	30.44 1.38 -7.20	27.12 1.37 -3.67	25.90 1.09 -3.87
CH_MIDHUDSON___DRP 24192	22.16 1.31 0.00	21.29 1.15 0.00	19.43 1.03 0.00	17.79 0.96 0.00	17.25 0.84 -0.90	17.28 0.83 -0.76	17.79 0.81 -1.38	18.32 0.88 -1.67	19.53 1.09 0.00	20.43 1.17 0.00	21.52 1.26 0.00	22.80 1.48 -0.52	24.71 1.48 -2.45	26.10 1.48 -3.75	27.13 1.68 -2.80	28.64 1.66 -4.58	33.76 1.70 -9.46	39.53 2.06 -9.66	41.63 2.13 -10.31	35.61 1.65 -10.43	32.81 1.61 -7.84	31.61 1.60 -8.16	27.84 1.61 -4.16	26.62 1.30 -4.38
CH_MISC_IPPS 23765	22.20 1.35 0.00	21.35 1.21 0.00	19.50 1.10 0.00	17.82 0.99 0.00	17.24 0.85 -0.88	17.24 0.82 -0.74	17.77 0.83 -1.35	18.29 0.90 -1.63	19.54 1.11 0.00	20.45 1.19 0.00	21.54 1.28 0.00	22.85 1.54 -0.51	24.71 1.54 -2.39	26.09 1.57 -3.65	27.13 1.75 -2.72	28.61 1.75 -4.46	33.61 1.79 -9.22	39.43 2.20 -9.42	41.52 2.28 -10.05	35.46 1.77 -10.17	32.70 1.70 -7.63	31.54 1.73 -7.95	27.83 1.70 -4.05	26.67 1.47 -4.27
CH_RES_BVR_FALLS 23983	20.58 -0.27 0.00	19.92 -0.22 0.00	18.23 -0.17 0.00	16.68 -0.15 0.00	15.37 -0.14 0.00	15.55 -0.14 0.00	15.45 -0.14 0.00	15.63 -0.13 0.00	18.29 -0.15 0.00	19.08 -0.17 0.00	20.06 -0.20 0.00	20.58 -0.23 0.00	20.56 -0.23 0.00	20.60 -0.27 0.00	22.32 -0.34 0.00	22.07 -0.34 0.00	22.29 -0.32 0.00	27.40 -0.42 0.00	28.75 -0.44 0.00	23.20 -0.33 0.00	23.03 -0.33 0.00	21.53 -0.33 0.00	21.72 -0.35 0.00	20.60 -0.34 0.00

CH_RES_NIAGARA 23895	19.97 -0.87 0.00	19.14 -1.01 0.00	17.48 -0.92 0.00	15.87 -0.96 0.00	14.85 -0.79 -0.13	15.04 -0.75 -0.11	14.88 -0.90 -0.20	14.77 -1.23 -0.24	16.80 -1.64 0.00	17.60 -1.66 0.00	18.48 -1.78 0.00	19.11 -1.77 -0.07	19.41 -1.73 -0.35	19.94 -1.46 -0.53	21.58 -1.47 -0.39	21.57 -1.48 -0.65	22.24 -1.70 -1.33	24.78 -1.95 1.09	25.95 -2.07 1.17	23.21 -1.79 -1.47	22.76 -1.70 -1.10	21.70 -1.31 -1.15	21.72 -0.95 -0.59	20.63 -0.92 -0.62
CH_RES_SYRACUSE 23985	20.83 -0.02 0.00	20.11 -0.04 0.00	18.33 -0.07 0.00	16.75 -0.08 0.00	15.54 -0.06 -0.09	15.70 -0.06 -0.07	15.69 -0.03 -0.13	15.89 -0.03 -0.16	18.36 -0.07 0.00	19.20 -0.06 0.00	20.24 -0.02 0.00	20.75 -0.10 -0.05	20.92 -0.10 -0.23	21.23 0.00 -0.36	23.00 0.07 -0.27	22.88 0.04 -0.44	23.55 0.05 -0.90	28.82 0.08 -0.92	30.29 0.12 -0.98	24.55 0.02 -1.00	24.15 0.05 -0.75	22.68 0.04 -0.78	22.52 0.04 -0.40	21.46 0.11 -0.42
CLINTON_WT_PWR 323605	20.60 -0.25 0.00	20.13 -0.02 0.00	18.40 0.00 0.00	16.92 0.08 0.00	15.61 0.09 0.00	15.78 0.09 0.00	15.67 0.08 0.00	15.92 0.16 0.00	18.68 0.24 0.00	19.50 0.25 0.00	20.45 0.18 0.00	20.95 0.15 0.00	20.91 0.13 0.00	20.85 -0.02 0.00	22.53 -0.14 0.00	22.29 -0.11 0.00	22.56 -0.05 0.00	27.68 -0.14 0.00	28.93 -0.26 0.00	23.34 -0.19 0.00	23.17 -0.19 0.00	21.49 -0.37 0.00	21.61 -0.46 0.00	20.48 -0.46 0.00
CLINTON___LFGE 323618	20.77 -0.08 0.00	20.29 0.14 0.00	18.53 0.13 0.00	17.03 0.20 0.00	15.70 0.19 0.00	15.89 0.20 0.00	15.76 0.17 0.00	16.04 0.28 0.00	18.83 0.39 0.00	19.64 0.38 0.00	20.59 0.32 0.00	21.10 0.29 0.00	21.06 0.27 0.00	21.00 0.13 0.00	22.68 0.02 0.00	22.45 0.04 0.00	22.76 0.16 0.00	27.93 0.11 0.00	29.19 0.00 0.00	23.60 0.07 0.00	23.41 0.05 0.00	21.69 -0.18 0.00	21.79 -0.29 0.00	20.64 -0.29 0.00
COBBLENY_34_KV_TB1 80064	20.77 -0.08 0.00	19.82 -0.32 0.00	18.07 -0.33 0.00	16.39 -0.44 0.00	15.03 -0.62 -0.14	15.23 -0.58 -0.12	15.12 -0.69 -0.22	15.10 -0.93 -0.27	17.37 -1.07 0.00	18.18 -1.08 0.00	19.11 -1.16 0.00	19.52 -1.37 -0.08	19.93 -1.25 -0.39	20.23 -1.23 -0.59	22.18 -0.93 -0.44	22.28 -0.85 -0.73	23.06 -1.04 -1.50	25.35 -1.45 1.01	26.53 -1.58 1.09	24.03 -1.15 -1.65	23.60 -1.00 -1.24	22.48 -0.68 -1.29	22.38 -0.35 -0.66	21.09 -0.54 -0.70
COFFEEN___115KV_TB3 355620	20.79 -0.06 0.00	20.00 -0.14 0.00	18.29 -0.11 0.00	16.73 -0.10 0.00	15.46 -0.09 -0.05	15.66 -0.06 -0.04	15.57 -0.09 -0.07	15.72 -0.13 -0.08	18.16 -0.28 0.00	18.93 -0.33 0.00	19.92 -0.34 0.00	20.42 -0.42 -0.03	20.43 -0.48 -0.12	20.64 -0.42 -0.19	22.44 -0.36 -0.14	22.36 -0.27 -0.23	22.90 -0.18 -0.48	28.39 0.08 -0.49	30.12 0.41 -0.52	24.50 0.45 -0.53	24.20 0.44 -0.40	22.62 0.35 -0.41	22.33 0.04 -0.21	21.28 0.13 -0.22
COLDSPRG_115KV_BK1 355956	21.29 0.44 0.00	20.21 0.06 0.00	18.34 -0.06 0.00	16.60 -0.24 0.00	15.12 -0.54 -0.15	15.31 -0.50 -0.13	15.20 -0.62 -0.23	15.17 -0.87 -0.28	17.61 -0.83 0.00	18.47 -0.79 0.00	19.39 -0.87 0.00	19.71 -1.19 -0.09	20.13 -1.06 -0.41	20.47 -1.02 -0.62	22.38 -0.75 -0.46	22.71 -0.45 -0.76	23.61 -0.57 -1.57	26.88 -0.89 0.04	28.15 -0.99 0.05	24.60 -0.66 -1.73	24.17 -0.49 -1.30	23.06 -0.15 -1.35	23.03 0.26 -0.69	21.60 -0.06 -0.73
COLONIE_LFGE___ 323577	21.77 0.92 0.00	20.97 0.83 0.00	19.15 0.75 0.00	17.55 0.72 0.00	17.33 0.67 -1.15	17.33 0.67 -0.96	18.03 0.67 -1.77	18.51 0.61 -2.14	19.21 0.77 0.00	19.99 0.73 0.00	21.03 0.77 0.00	22.43 0.96 -0.66	24.87 0.96 -3.13	26.66 1.00 -4.79	27.30 1.07 -3.57	29.33 1.08 -5.85	35.75 1.06 -12.09	41.46 1.31 -12.34	43.76 1.40 -13.17	38.03 1.18 -13.32	34.56 1.19 -10.01	33.37 1.09 -10.42	28.51 1.13 -5.31	27.52 0.98 -5.60
COOPERNY_115KV_TB1 80082	21.68 0.83 0.00	20.85 0.71 0.00	19.04 0.64 0.00	17.40 0.57 0.00	16.63 0.53 -0.59	16.71 0.52 -0.50	17.04 0.53 -0.91	17.45 0.58 -1.11	19.16 0.72 0.00	20.04 0.79 0.00	21.12 0.85 0.00	22.15 1.00 -0.34	23.38 0.98 -1.62	24.33 0.98 -2.48	25.66 1.16 -1.85	26.57 1.14 -3.03	30.01 1.15 -6.25	35.61 1.42 -6.38	37.46 1.46 -6.81	31.52 1.11 -6.89	29.61 1.07 -5.18	28.30 1.05 -5.39	25.88 1.06 -2.74	24.65 0.82 -2.90
COPENHAGEN_WT_PWR 323753	20.62 -0.23 0.00	19.86 -0.28 0.00	18.14 -0.26 0.00	16.61 -0.22 0.00	15.37 -0.19 -0.05	15.56 -0.17 -0.04	15.46 -0.20 -0.07	15.61 -0.24 -0.09	18.05 -0.39 0.00	18.81 -0.44 0.00	19.80 -0.47 0.00	20.32 -0.52 -0.03	20.31 -0.60 -0.13	20.55 -0.52 -0.20	22.31 -0.50 -0.15	22.24 -0.40 -0.24	22.76 -0.34 -0.49	28.15 -0.17 -0.50	29.79 0.06 -0.54	24.21 0.14 -0.54	23.91 0.14 -0.41	22.38 0.09 -0.43	22.12 -0.18 -0.22	21.12 -0.04 -0.23
CORNELL___ 23752	21.29 0.44 0.00	20.49 0.34 0.00	18.67 0.28 0.00	17.05 0.22 0.00	15.86 0.17 -0.18	16.03 0.19 -0.15	16.09 0.22 -0.28	16.32 0.22 -0.34	18.66 0.22 0.00	19.47 0.21 0.00	20.51 0.24 0.00	21.10 0.19 -0.10	21.49 0.21 -0.49	21.92 0.29 -0.76	23.68 0.45 -0.56	23.77 0.45 -0.92	24.96 0.45 -1.91	31.53 0.67 -3.05	33.27 0.82 -3.26	26.24 0.61 -2.10	25.59 0.65 -1.58	24.10 0.59 -1.64	23.51 0.60 -0.84	22.28 0.46 -0.88
CORONA_AAV_69_KV_TB1 355595	34.53 1.96 -11.72	27.78 1.75 -5.88	24.91 1.60 -4.91	23.07 1.43 -4.81	18.93 1.33 -2.08	18.92 1.33 -1.89	19.97 1.34 -3.03	20.51 1.47 -3.28	26.15 1.75 -5.96	29.57 1.89 -8.43	33.00 1.99 -10.75	34.15 2.21 -11.14	46.37 2.22 -23.36	48.72 2.23 -25.61	56.35 2.54 -31.15	52.97 2.51 -28.06	54.20 2.53 -29.07	70.19 3.06 -39.31	51.23 3.18 -18.86	42.97 2.47 -16.98	52.87 2.43 -27.08	43.69 2.34 -19.49	33.91 2.41 -9.43	33.50 1.99 -10.58
CORTLAND_115KV_TB3 80093	21.12 0.27 0.00	20.33 0.18 0.00	18.53 0.13 0.00	16.93 0.10 0.00	15.72 0.06 -0.15	15.89 0.08 -0.12	15.91 0.09 -0.23	16.12 0.08 -0.28	18.53 0.09 0.00	19.35 0.10 0.00	20.39 0.12 0.00	20.96 0.06 -0.09	21.27 0.08 -0.40	21.64 0.15 -0.62	23.42 0.29 -0.46	23.45 0.29 -0.75	24.43 0.27 -1.56	29.82 0.42 -1.59	31.36 0.47 -1.70	25.57 0.33 -1.72	25.02 0.37 -1.29	23.55 0.35 -1.34	23.12 0.35 -0.68	21.91 0.25 -0.72
COXSACKIE___GT 23611	22.12 1.27 0.00	21.23 1.09 0.00	19.35 0.96 0.00	17.84 1.01 0.00	17.22 0.65 -1.06	17.16 0.58 -0.89	17.72 0.50 -1.63	18.14 0.41 -1.97	19.07 0.63 0.00	19.83 0.58 0.00	20.79 0.53 0.00	22.15 0.73 -0.61	24.46 0.79 -2.88	26.10 0.81 -4.41	26.83 0.88 -3.29	28.78 0.98 -5.39	34.73 0.99 -11.13	40.49 1.31 -11.37	42.93 1.60 -12.13	37.19 1.39 -12.28	33.91 1.33 -9.22	32.88 1.42 -9.60	28.34 1.37 -4.89	27.33 1.23 -5.16
CPV_VALLEY___CC1 323721	21.77 0.92 0.00	20.95 0.81 0.00	19.14 0.74 0.00	17.49 0.66 0.00	16.84 0.60 -0.72	16.89 0.60 -0.61	17.31 0.61 -1.11	17.78 0.68 -1.35	19.27 0.83 0.00	20.18 0.92 0.00	21.26 0.99 0.00	22.39 1.16 -0.42	23.88 1.12 -1.97	25.03 1.15 -3.01	26.24 1.34 -2.25	27.38 1.30 -3.68	31.52 1.31 -7.60	37.19 1.61 -7.76	39.11 1.63 -8.28	33.15 1.25 -8.38	30.87 1.21 -6.30	29.62 1.20 -6.55	26.61 1.19 -3.34	25.46 1.00 -3.52

CPV_VALLEY___CC2 323722	21.77 0.92 0.00	20.95 0.81 0.00	19.14 0.74 0.00	17.49 0.66 0.00	16.84 0.60 -0.72	16.89 0.60 -0.61	17.31 0.61 -1.11	17.78 0.68 -1.35	19.27 0.83 0.00	20.18 0.92 0.00	21.26 0.99 0.00	22.39 1.16 -0.42	23.88 1.12 -1.97	25.03 1.15 -3.01	26.24 1.34 -2.25	27.38 1.30 -3.68	31.52 1.31 -7.60	37.19 1.61 -7.76	39.11 1.63 -8.28	33.15 1.25 -8.38	30.87 1.21 -6.30	29.62 1.20 -6.55	26.61 1.19 -3.34	25.46 1.00 -3.52
CRESCENT___HYD 24018	21.77 0.92 0.00	20.97 0.83 0.00	19.15 0.75 0.00	17.55 0.72 0.00	17.33 0.67 -1.15	17.33 0.67 -0.96	18.03 0.67 -1.77	18.51 0.61 -2.14	19.21 0.77 0.00	19.99 0.73 0.00	21.03 0.77 0.00	22.43 0.96 -0.66	24.87 0.96 -3.13	26.66 1.00 -4.79	27.30 1.07 -3.57	29.33 1.08 -5.85	35.75 1.06 -12.09	41.46 1.31 -12.34	43.76 1.40 -13.17	38.03 1.18 -13.32	34.56 1.19 -10.01	33.37 1.09 -10.42	28.51 1.13 -5.31	27.52 0.98 -5.60
CRICKET___VALLEY_CC1 323756	21.95 1.10 0.00	21.13 0.99 0.00	19.30 0.90 0.00	17.71 0.87 0.00	17.25 0.79 -0.94	17.28 0.80 -0.79	17.82 0.78 -1.45	18.32 0.80 -1.76	19.43 0.99 0.00	20.27 1.02 0.00	21.36 1.09 0.00	22.66 1.31 -0.54	24.62 1.27 -2.57	26.10 1.29 -3.93	27.00 1.41 -2.93	28.57 1.37 -4.81	33.91 1.38 -9.93	39.65 1.70 -10.14	41.73 1.72 -10.82	35.86 1.39 -10.94	32.96 1.38 -8.22	31.75 1.33 -8.56	27.78 1.35 -4.36	26.71 1.17 -4.60
CRICKET___VALLEY_CC2 323757	21.95 1.10 0.00	21.13 0.99 0.00	19.30 0.90 0.00	17.71 0.87 0.00	17.25 0.79 -0.94	17.28 0.80 -0.79	17.82 0.78 -1.45	18.32 0.80 -1.76	19.43 0.99 0.00	20.27 1.02 0.00	21.36 1.09 0.00	22.66 1.31 -0.54	24.62 1.27 -2.57	26.10 1.29 -3.93	27.00 1.41 -2.93	28.57 1.37 -4.81	33.91 1.38 -9.93	39.65 1.70 -10.14	41.73 1.72 -10.82	35.86 1.39 -10.94	32.96 1.38 -8.22	31.75 1.33 -8.56	27.78 1.35 -4.36	26.71 1.17 -4.60
CRICKET___VALLEY_CC3 323758	21.95 1.10 0.00	21.13 0.99 0.00	19.30 0.90 0.00	17.71 0.87 0.00	17.25 0.79 -0.94	17.28 0.80 -0.79	17.82 0.78 -1.45	18.32 0.80 -1.76	19.43 0.99 0.00	20.27 1.02 0.00	21.36 1.09 0.00	22.66 1.31 -0.54	24.62 1.27 -2.57	26.10 1.29 -3.93	27.00 1.41 -2.93	28.57 1.37 -4.81	33.91 1.38 -9.93	39.65 1.70 -10.14	41.73 1.72 -10.82	35.86 1.39 -10.94	32.96 1.38 -8.22	31.75 1.33 -8.56	27.78 1.35 -4.36	26.71 1.17 -4.60
CRUCIBLE_METL_DRP 24180	20.83 -0.02 0.00	20.11 -0.04 0.00	18.32 -0.07 0.00	16.75 -0.08 0.00	15.52 -0.08 -0.09	15.70 -0.06 -0.07	15.69 -0.03 -0.13	15.89 -0.03 -0.16	18.36 -0.07 0.00	19.20 -0.06 0.00	20.24 -0.02 0.00	20.75 -0.10 -0.05	20.92 -0.10 -0.23	21.19 -0.04 -0.36	23.00 0.07 -0.27	22.88 0.04 -0.44	23.55 0.05 -0.90	28.82 0.08 -0.92	30.29 0.12 -0.98	24.55 0.02 -1.00	24.15 0.05 -0.75	22.68 0.04 -0.78	22.52 0.04 -0.40	21.35 0.00 -0.42
DAHOWA___HYDRO 323763	21.83 0.98 0.00	21.05 0.91 0.00	19.19 0.79 0.00	17.61 0.77 0.00	17.41 0.73 -1.17	17.42 0.75 -0.98	18.11 0.72 -1.80	18.60 0.66 -2.18	19.21 0.77 0.00	20.00 0.75 0.00	21.05 0.79 0.00	22.46 0.98 -0.67	24.97 1.00 -3.18	26.77 1.02 -4.87	27.45 1.16 -3.63	29.56 1.21 -5.95	36.10 1.20 -12.30	41.84 1.47 -12.56	44.28 1.69 -13.40	38.47 1.39 -13.56	34.97 1.43 -10.18	33.68 1.22 -10.60	28.83 1.35 -5.40	27.78 1.15 -5.70
DANC___LFGE 323619	20.56 -0.29 0.00	19.82 -0.32 0.00	18.10 -0.30 0.00	16.58 -0.25 0.00	15.34 -0.23 -0.06	15.53 -0.20 -0.05	15.44 -0.23 -0.08	15.61 -0.25 -0.10	18.05 -0.39 0.00	18.83 -0.42 0.00	19.82 -0.45 0.00	20.32 -0.52 -0.03	20.36 -0.58 -0.15	20.58 -0.52 -0.23	22.33 -0.50 -0.17	22.23 -0.45 -0.28	22.78 -0.41 -0.58	28.07 -0.33 -0.59	29.65 -0.17 -0.63	24.07 -0.09 -0.64	23.75 -0.09 -0.48	22.25 -0.11 -0.50	22.07 -0.26 -0.25	21.08 -0.12 -0.27
DANSKAMMER___1 23586	22.20 1.35 0.00	21.35 1.21 0.00	19.50 1.10 0.00	17.82 0.99 0.00	17.24 0.85 -0.88	17.24 0.82 -0.74	17.77 0.83 -1.35	18.29 0.90 -1.63	19.54 1.11 0.00	20.45 1.19 0.00	21.54 1.28 0.00	22.85 1.54 -0.51	24.71 1.54 -2.39	26.09 1.57 -3.65	27.13 1.75 -2.72	28.61 1.75 -4.46	33.61 1.79 -9.22	39.43 2.20 -9.42	41.52 2.28 -10.05	35.46 1.77 -10.17	32.70 1.70 -7.63	31.54 1.73 -7.95	27.83 1.70 -4.05	26.67 1.47 -4.27
DANSKAMMER___2 23589	22.20 1.35 0.00	21.35 1.21 0.00	19.50 1.10 0.00	17.82 0.99 0.00	17.24 0.85 -0.88	17.24 0.82 -0.74	17.77 0.83 -1.35	18.29 0.90 -1.63	19.54 1.11 0.00	20.45 1.19 0.00	21.54 1.28 0.00	22.85 1.54 -0.51	24.71 1.54 -2.39	26.09 1.57 -3.65	27.13 1.75 -2.72	28.61 1.75 -4.46	33.61 1.79 -9.22	39.43 2.20 -9.42	41.52 2.28 -10.05	35.46 1.77 -10.17	32.70 1.70 -7.63	31.54 1.73 -7.95	27.83 1.70 -4.05	26.67 1.47 -4.27
DANSKAMMER___3 23590	22.20 1.35 0.00	21.35 1.21 0.00	19.50 1.10 0.00	17.82 0.99 0.00	17.24 0.85 -0.88	17.24 0.82 -0.74	17.77 0.83 -1.35	18.29 0.90 -1.63	19.54 1.11 0.00	20.45 1.19 0.00	21.54 1.28 0.00	22.85 1.54 -0.51	24.71 1.54 -2.39	26.09 1.57 -3.65	27.13 1.75 -2.72	28.61 1.75 -4.46	33.61 1.79 -9.22	39.43 2.20 -9.42	41.52 2.28 -10.05	35.46 1.77 -10.17	32.70 1.70 -7.63	31.54 1.73 -7.95	27.83 1.70 -4.05	26.67 1.47 -4.27
DANSKAMMER___4 23591	22.20 1.35 0.00	21.35 1.21 0.00	19.50 1.10 0.00	17.82 0.99 0.00	17.24 0.85 -0.88	17.24 0.82 -0.74	17.77 0.83 -1.35	18.29 0.90 -1.63	19.54 1.11 0.00	20.45 1.19 0.00	21.54 1.28 0.00	22.85 1.54 -0.51	24.71 1.54 -2.39	26.09 1.57 -3.65	27.13 1.75 -2.72	28.61 1.75 -4.46	33.61 1.79 -9.22	39.43 2.20 -9.42	41.52 2.28 -10.05	35.46 1.77 -10.17	32.70 1.70 -7.63	31.54 1.73 -7.95	27.83 1.70 -4.05	26.67 1.47 -4.27
DANSKAMMER___DIESEL 23592	22.25 1.40 0.00	21.35 1.21 0.00	19.48 1.09 0.00	17.82 0.99 0.00	17.24 0.85 -0.88	17.24 0.82 -0.74	17.77 0.83 -1.35	18.29 0.90 -1.63	19.54 1.11 0.00	20.45 1.19 0.00	21.56 1.30 0.00	22.83 1.52 -0.51	24.71 1.54 -2.39	26.07 1.54 -3.65	27.13 1.74 -2.72	28.61 1.75 -4.46	33.61 1.79 -9.22	39.43 2.20 -9.42	41.51 2.28 -10.05	35.46 1.76 -10.17	32.70 1.71 -7.63	31.51 1.71 -7.95	27.83 1.70 -4.05	26.59 1.38 -4.27
DARBY___SOLAR 323810	21.83 0.98 0.00	21.05 0.91 0.00	19.19 0.79 0.00	17.61 0.77 0.00	17.41 0.73 -1.17	17.42 0.75 -0.98	18.10 0.72 -1.80	18.59 0.66 -2.17	19.23 0.79 0.00	20.04 0.79 0.00	21.10 0.83 0.00	22.50 1.02 -0.67	25.00 1.04 -3.17	26.79 1.06 -4.86	27.46 1.18 -3.62	29.55 1.21 -5.94	36.07 1.20 -12.27	41.81 1.47 -12.53	44.22 1.66 -13.36	38.42 1.36 -13.52	34.90 1.38 -10.16	33.64 1.20 -10.57	28.79 1.32 -5.39	27.75 1.13 -5.68
DASHVILLE___HYD 23610	22.10 1.25 0.00	21.21 1.07 0.00	19.37 0.98 0.00	17.66 0.82 0.00	16.98 0.56 -0.91	16.97 0.52 -0.76	17.54 0.55 -1.40	18.10 0.65 -1.69	19.34 0.90 0.00	20.26 1.00 0.00	21.36 1.09 0.00	22.52 1.19 -0.52	24.45 1.18 -2.47	25.85 1.19 -3.79	26.85 1.36 -2.83	28.38 1.34 -4.63	33.57 1.40 -9.57	39.28 1.70 -9.77	41.34 1.72 -10.42	35.39 1.32 -10.55	32.54 1.26 -7.92	31.42 1.31 -8.25	27.56 1.28 -4.20	26.35 0.98 -4.43

DEERFIELD_69_KV_DEERFIELD LD 355887	35.80 3.23 -11.72	28.99 2.96 -5.88	25.98 2.67 -4.91	24.13 2.49 -4.81	19.92 2.33 -2.08	19.92 2.34 -1.89	20.88 2.26 -3.03	21.40 2.36 -3.28	27.22 2.82 -5.96	30.84 3.16 -8.43	34.52 3.42 -10.83	39.50 3.66 -15.03	47.85 3.70 -23.36	52.75 3.78 -28.10	58.11 4.28 -31.16	132.35 4.26 -105.69	136.32 4.29 -109.42	139.54 5.28 -106.45	136.77 5.46 -102.12	129.61 4.28 -101.80	110.08 4.18 -82.54	45.31 3.96 -19.49	44.90 4.15 -18.67	39.56 3.60 -15.02
DELAWARE___LFGE 323621	21.60 0.75 0.00	20.77 0.62 0.00	18.97 0.57 0.00	17.34 0.50 0.00	16.28 0.45 -0.32	16.41 0.45 -0.27	16.53 0.45 -0.49	16.83 0.47 -0.59	19.03 0.59 0.00	19.89 0.64 0.00	20.97 0.71 0.00	21.78 0.79 -0.18	22.44 0.79 -0.87	23.01 0.81 -1.33	24.63 0.97 -0.99	24.99 0.96 -1.62	26.93 0.97 -3.35	32.49 1.25 -3.42	34.16 1.31 -3.65	28.23 1.01 -3.69	27.14 1.00 -2.77	25.71 0.96 -2.89	24.50 0.95 -1.47	23.26 0.77 -1.55
DERFIELD_115KV_TB7 355931	20.91 0.06 0.00	20.19 0.04 0.00	18.44 0.04 0.00	16.85 0.02 0.00	15.53 0.02 0.00	15.70 0.02 0.00	15.61 0.02 0.00	15.76 0.00 0.00	18.44 0.00 0.00	19.25 0.00 0.00	20.28 0.02 0.00	20.83 0.02 0.00	20.81 0.02 0.00	20.89 0.02 0.00	22.71 0.05 0.00	22.45 0.04 0.00	22.65 0.05 0.00	27.90 0.08 0.00	29.28 0.09 0.00	23.60 0.07 0.00	23.43 0.07 0.00	21.93 0.07 0.00	22.14 0.07 0.00	20.96 0.02 0.00
DOGLEVILLE___HYD 23807	20.81 -0.04 0.00	20.07 -0.08 0.00	18.33 -0.07 0.00	16.70 -0.14 0.00	15.37 -0.14 0.00	15.53 -0.16 0.00	15.45 -0.14 0.00	15.57 -0.19 0.00	18.22 -0.22 0.00	19.02 -0.23 0.00	20.10 -0.16 0.00	20.64 -0.17 0.00	20.64 -0.14 0.00	20.75 -0.12 0.00	22.55 -0.11 0.00	22.29 -0.11 0.00	22.49 -0.11 0.00	27.76 -0.06 0.00	29.16 -0.03 0.00	23.53 0.00 0.00	23.34 -0.02 0.00	21.82 -0.04 0.00	22.01 -0.07 0.00	20.87 -0.06 0.00
DUNKIRK___115KV_TB_200 55889	20.97 0.13 0.00	19.94 -0.20 0.00	18.14 -0.26 0.00	16.46 -0.37 0.00	15.14 -0.51 -0.14	15.32 -0.49 -0.12	15.18 -0.62 -0.22	15.17 -0.85 -0.26	17.44 -1.00 0.00	18.29 -0.96 0.00	19.21 -1.05 0.00	19.66 -1.23 -0.08	20.07 -1.10 -0.39	20.38 -1.09 -0.59	22.31 -0.79 -0.44	22.45 -0.67 -0.72	23.28 -0.81 -1.49	25.15 -1.22 1.45	26.33 -1.31 1.55	24.27 -0.89 -1.64	23.85 -0.75 -1.23	22.73 -0.42 -1.28	22.69 -0.04 -0.65	21.35 -0.27 -0.69
DUNKIRK___1 23563	20.97 0.13 0.00	19.94 -0.20 0.00	18.14 -0.26 0.00	16.46 -0.37 0.00	15.14 -0.51 -0.14	15.32 -0.49 -0.12	15.18 -0.62 -0.22	15.17 -0.85 -0.26	17.44 -1.00 0.00	18.29 -0.96 0.00	19.21 -1.05 0.00	19.66 -1.23 -0.08	20.07 -1.10 -0.39	20.38 -1.09 -0.59	22.31 -0.79 -0.44	22.45 -0.67 -0.72	23.28 -0.81 -1.49	25.15 -1.22 1.45	26.33 -1.31 1.55	24.27 -0.89 -1.64	23.85 -0.75 -1.23	22.73 -0.42 -1.28	22.69 -0.04 -0.65	21.35 -0.27 -0.69
DUNKIRK___2 23564	20.97 0.13 0.00	19.94 -0.20 0.00	18.14 -0.26 0.00	16.46 -0.37 0.00	15.14 -0.51 -0.14	15.32 -0.49 -0.12	15.18 -0.62 -0.22	15.17 -0.85 -0.26	17.44 -1.00 0.00	18.29 -0.96 0.00	19.21 -1.05 0.00	19.66 -1.23 -0.08	20.07 -1.10 -0.39	20.38 -1.09 -0.59	22.31 -0.79 -0.44	22.45 -0.67 -0.72	23.28 -0.81 -1.49	25.15 -1.22 1.45	26.33 -1.31 1.55	24.27 -0.89 -1.64	23.85 -0.75 -1.23	22.73 -0.42 -1.28	22.69 -0.04 -0.65	21.35 -0.27 -0.69
DUNKIRK___3 23565	20.85 0.00 0.00	19.86 -0.28 0.00	18.09 -0.31 0.00	16.41 -0.42 0.00	15.10 -0.56 -0.14	15.27 -0.53 -0.12	15.15 -0.65 -0.22	15.14 -0.88 -0.26	17.41 -1.03 0.00	18.23 -1.02 0.00	19.15 -1.11 0.00	19.60 -1.29 -0.08	19.99 -1.18 -0.38	20.31 -1.15 -0.59	22.24 -0.86 -0.44	22.36 -0.76 -0.72	23.14 -0.95 -1.49	24.88 -1.31 1.63	26.04 -1.40 1.75	24.15 -1.01 -1.64	23.70 -0.89 -1.23	22.60 -0.55 -1.28	22.53 -0.20 -0.65	21.21 -0.42 -0.69
DUNKIRK___4 23566	20.85 0.00 0.00	19.86 -0.28 0.00	18.09 -0.31 0.00	16.41 -0.42 0.00	15.10 -0.56 -0.14	15.27 -0.53 -0.12	15.15 -0.65 -0.22	15.14 -0.88 -0.26	17.41 -1.03 0.00	18.23 -1.02 0.00	19.15 -1.11 0.00	19.60 -1.29 -0.08	19.99 -1.18 -0.38	20.31 -1.15 -0.59	22.24 -0.86 -0.44	22.36 -0.76 -0.72	23.14 -0.95 -1.49	24.88 -1.31 1.63	26.04 -1.40 1.75	24.15 -1.01 -1.64	23.70 -0.89 -1.23	22.60 -0.55 -1.28	22.53 -0.20 -0.65	21.21 -0.42 -0.69
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	22.33 1.48 0.00	21.44 1.29 0.00	19.58 1.18 0.00	17.89 1.06 0.00	17.38 0.99 -0.88	17.43 1.00 -0.74	17.94 1.00 -1.35	18.53 1.13 -1.63	19.80 1.36 0.00	20.76 1.50 0.00	21.91 1.64 0.00	23.14 1.83 -0.50	25.00 1.83 -2.38	26.36 1.84 -3.65	27.49 2.11 -2.72	28.92 2.06 -4.46	33.92 2.10 -9.22	39.76 2.53 -9.41	41.83 2.60 -10.04	35.69 2.00 -10.16	32.95 1.96 -7.63	31.68 1.88 -7.94	28.02 1.90 -4.05	26.73 1.53 -4.27
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	22.08 1.23 0.00	21.21 1.07 0.00	19.36 0.96 0.00	17.71 0.88 0.00	17.11 0.76 -0.84	17.13 0.74 -0.71	17.62 0.73 -1.30	18.13 0.80 -1.57	19.45 1.01 0.00	20.35 1.10 0.00	21.46 1.20 0.00	22.69 1.39 -0.49	24.45 1.37 -2.29	25.76 1.38 -3.51	26.87 1.59 -2.62	28.26 1.57 -4.29	33.07 1.60 -8.86	38.81 1.95 -9.05	40.86 2.01 -9.65	34.87 1.58 -9.77	32.21 1.52 -7.34	31.01 1.51 -7.64	27.47 1.50 -3.89	26.23 1.19 -4.10
E179THST_138_KV_TB4_REV_LBMP_J 345001	22.57 1.71 -0.01	21.66 1.51 -0.01	19.75 1.34 -0.01	18.05 1.21 -0.01	17.54 1.15 -0.88	17.58 1.15 -0.74	18.03 1.09 -1.35	18.65 1.26 -1.63	19.80 1.36 0.00	20.89 1.64 0.00	22.08 1.80 -0.01	23.34 2.02 -0.51	25.19 2.02 -2.38	26.55 2.02 -3.65	27.73 2.33 -2.73	29.15 2.28 -4.46	34.16 2.33 -9.22	40.01 2.78 -9.42	42.10 2.86 -10.05	35.83 2.14 -10.16	33.02 2.03 -7.63	31.91 2.10 -7.95	28.30 2.16 -4.05	26.99 1.78 -4.28
E179THST_13_KV_LOAD 356214	22.69 1.83 -0.01	21.77 1.61 -0.01	19.84 1.44 -0.01	18.14 1.30 -0.01	17.62 1.23 -0.88	17.66 1.22 -0.74	18.09 1.15 -1.35	18.73 1.34 -1.63	19.91 1.48 0.00	20.99 1.73 0.00	22.20 1.93 -0.01	23.46 2.14 -0.51	25.31 2.14 -2.38	26.67 2.15 -3.65	27.86 2.47 -2.73	29.28 2.42 -4.46	34.31 2.49 -9.22	40.21 2.98 -9.42	42.28 3.04 -10.05	35.99 2.31 -10.16	33.16 2.17 -7.63	32.06 2.25 -7.95	28.43 2.30 -4.05	27.12 1.91 -4.28
EAST HAMPTON___GT 23717	36.16 3.59 -11.72	29.35 3.32 -5.88	26.31 3.00 -4.91	24.42 2.78 -4.81	20.15 2.56 -2.08	20.17 2.59 -1.89	21.15 2.53 -3.03	21.67 2.63 -3.28	27.55 3.15 -5.96	31.25 3.56 -8.43	35.00 3.91 -10.83	40.03 4.18 -15.03	48.37 4.22 -23.36	53.35 4.38 -28.10	58.72 4.89 -31.16	132.99 4.88 -105.70	136.96 4.93 -109.43	140.39 6.12 -106.46	137.60 6.28 -102.13	130.29 4.94 -101.82	110.70 4.79 -82.55	45.88 4.53 -19.49	45.50 4.75 -18.67	40.21 4.25 -15.02
EAST RIVER___6 23660	22.41 1.56 0.00	21.58 1.43 0.00	19.69 1.29 0.00	17.99 1.16 0.00	17.49 1.10 -0.88	17.51 1.08 -0.74	18.06 1.12 -1.35	18.65 1.26 -1.63	19.91 1.48 0.00	20.93 1.67 0.00	22.05 1.78 0.00	23.31 2.00 -0.50	25.15 1.98 -2.38	26.57 2.05 -3.65	27.74 2.36 -2.72	29.17 2.31 -4.46	34.17 2.35 -9.22	40.09 2.87 -9.41	42.12 2.89 -10.04	35.88 2.19 -10.16	33.09 2.10 -7.63	31.90 2.10 -7.94	28.24 2.12 -4.05	27.01 1.80 -4.27

EAST_RIVER___7 23524	22.41 1.56 0.00	21.58 1.43 0.00	19.69 1.29 0.00	17.99 1.16 0.00	17.49 1.10 -0.88	17.51 1.08 -0.74	18.06 1.12 -1.35	18.65 1.26 -1.63	19.91 1.48 0.00	20.93 1.67 0.00	22.05 1.78 0.00	23.31 2.00 -0.50	25.15 1.98 -2.38	26.57 2.05 -3.65	27.74 2.36 -2.72	29.17 2.31 -4.46	34.17 2.35 -9.22	40.09 2.87 -9.41	42.12 2.89 -10.04	35.88 2.19 -10.16	33.09 2.10 -7.63	31.90 2.10 -7.94	28.24 2.12 -4.05	27.01 1.80 -4.27
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	22.27 1.42 0.00	21.40 1.25 0.00	19.52 1.12 0.00	17.86 1.03 0.00	17.35 0.96 -0.87	17.38 0.96 -0.73	17.90 0.97 -1.35	18.46 1.07 -1.63	19.75 1.31 0.00	20.70 1.44 0.00	21.82 1.56 0.00	23.08 1.77 -0.50	24.93 1.77 -2.38	26.27 1.75 -3.64	27.40 2.02 -2.72	28.83 1.97 -4.45	33.81 2.01 -9.20	39.63 2.42 -9.39	41.69 2.48 -10.02	35.57 1.91 -10.14	32.84 1.87 -7.62	31.60 1.81 -7.93	27.95 1.83 -4.04	26.66 1.47 -4.26
EAST_HAMPTON___DIESEL 23722	36.16 3.59 -11.72	29.35 3.32 -5.88	26.31 3.00 -4.91	24.42 2.78 -4.81	20.15 2.56 -2.08	20.17 2.59 -1.89	21.17 2.54 -3.03	21.69 2.65 -3.28	27.57 3.17 -5.96	31.25 3.56 -8.43	35.00 3.91 -10.83	40.05 4.20 -15.03	48.39 4.24 -23.36	53.37 4.40 -28.10	58.74 4.92 -31.16	133.01 4.91 -105.70	136.99 4.95 -109.43	140.39 6.12 -106.46	137.60 6.28 -102.13	130.29 4.94 -101.82	110.72 4.81 -82.55	45.88 4.53 -19.49	45.50 4.75 -18.67	40.23 4.27 -15.02
EAST_PULASKI___ESR 323781	20.58 -0.27 0.00	19.86 -0.28 0.00	18.12 -0.28 0.00	16.58 -0.25 0.00	15.34 -0.23 -0.06	15.52 -0.22 -0.05	15.47 -0.22 -0.10	15.64 -0.24 -0.12	18.11 -0.33 0.00	18.91 -0.35 0.00	19.92 -0.34 0.00	20.41 -0.44 -0.04	20.46 -0.50 -0.17	20.68 -0.46 -0.26	22.45 -0.41 -0.20	22.34 -0.38 -0.32	22.91 -0.36 -0.66	28.13 -0.36 -0.68	29.62 -0.29 -0.72	24.02 -0.24 -0.73	23.70 -0.21 -0.55	22.21 -0.22 -0.57	22.08 -0.29 -0.29	21.03 -0.21 -0.31
EAST_RIVER___1 323558	22.35 1.50 0.00	21.50 1.35 0.00	19.61 1.21 0.00	17.92 1.09 0.00	17.43 1.04 -0.88	17.44 1.02 -0.74	17.97 1.03 -1.35	18.57 1.18 -1.63	19.86 1.42 0.00	20.85 1.60 0.00	21.99 1.72 0.00	23.25 1.94 -0.50	25.11 1.93 -2.38	26.48 1.96 -3.65	27.63 2.24 -2.72	29.06 2.20 -4.46	34.04 2.22 -9.22	39.92 2.70 -9.41	41.98 2.74 -10.04	35.76 2.07 -10.16	33.00 2.01 -7.63	31.81 2.01 -7.94	28.15 2.03 -4.05	26.94 1.74 -4.27
EAST_RIVER___2 323559	22.41 1.56 0.00	21.58 1.43 0.00	19.69 1.29 0.00	17.99 1.16 0.00	17.49 1.10 -0.88	17.51 1.08 -0.74	18.06 1.12 -1.35	18.65 1.26 -1.63	19.91 1.48 0.00	20.93 1.67 0.00	22.05 1.78 0.00	23.31 2.00 -0.50	25.15 1.98 -2.38	26.57 2.05 -3.65	27.74 2.36 -2.72	29.17 2.31 -4.46	34.17 2.35 -9.22	40.09 2.87 -9.41	42.12 2.89 -10.04	35.88 2.19 -10.16	33.09 2.10 -7.63	31.90 2.10 -7.94	28.24 2.12 -4.05	27.01 1.80 -4.27
EAST___DELAWARE_HYD 23607	21.83 0.98 0.00	20.95 0.81 0.00	19.14 0.74 0.00	17.52 0.69 0.00	16.83 0.56 -0.76	16.85 0.52 -0.64	17.21 0.45 -1.17	17.71 0.54 -1.42	19.12 0.68 0.00	20.00 0.75 0.00	21.10 0.83 0.00	22.29 1.04 -0.44	23.90 1.04 -2.07	25.09 1.04 -3.17	26.25 1.22 -2.37	27.51 1.23 -3.88	31.90 1.29 -8.01	37.60 1.61 -8.18	39.61 1.69 -8.72	33.65 1.29 -8.83	31.20 1.21 -6.63	30.07 1.31 -6.90	26.83 1.24 -3.52	25.71 1.07 -3.71
EIGHT_POINT___WT_PWR 323820	21.16 0.31 0.00	20.27 0.12 0.00	18.38 -0.02 0.00	16.68 -0.15 0.00	15.35 -0.33 -0.17	15.52 -0.31 -0.14	15.51 -0.34 -0.26	15.55 -0.52 -0.31	17.81 -0.63 0.00	18.58 -0.67 0.00	19.51 -0.75 0.00	20.03 -0.87 -0.10	20.39 -0.85 -0.46	20.95 -2.05 -0.70	22.64 -0.54 -0.52	22.77 -0.49 -0.86	23.81 -0.56 -1.77	39.55 -0.64 -12.37	41.92 -0.50 -13.22	25.17 -0.31 -1.95	24.67 -0.16 -1.47	23.35 -0.04 -1.53	22.99 0.13 -0.78	21.78 0.02 -0.82
ELBRIDGE_115KV_TB2 80188	20.79 -0.06 0.00	20.03 -0.12 0.00	18.27 -0.13 0.00	16.71 -0.12 0.00	15.49 -0.11 -0.09	15.69 -0.08 -0.08	15.64 -0.09 -0.14	15.82 -0.11 -0.17	18.29 -0.15 0.00	19.10 -0.15 0.00	20.14 -0.12 0.00	20.65 -0.21 -0.05	20.83 -0.21 -0.25	21.10 -0.15 -0.38	22.90 -0.05 -0.28	22.80 -0.07 -0.46	23.49 -0.07 -0.96	28.73 -0.06 -0.98	30.17 -0.06 -1.04	24.49 -0.09 -1.05	24.10 -0.05 -0.79	22.64 -0.04 -0.82	22.48 -0.02 -0.42	21.32 -0.06 -0.44
ELEC_TRO_TEK 24086	34.36 1.79 -11.72	27.62 1.59 -5.88	24.77 1.45 -4.91	22.97 1.33 -4.81	18.83 1.24 -2.08	18.82 1.24 -1.89	19.86 1.23 -3.03	20.39 1.36 -3.28	26.02 1.62 -5.96	29.44 1.75 -8.43	32.87 1.86 -10.75	34.02 2.06 -11.15	46.20 2.06 -23.36	48.54 2.05 -25.62	56.15 2.33 -31.15	52.93 2.28 -28.24	54.19 2.33 -29.26	70.10 2.81 -39.47	51.14 2.89 -19.06	42.94 2.24 -17.18	52.77 2.20 -27.22	43.50 2.14 -19.49	33.73 2.21 -9.45	33.35 1.82 -10.59
ELLENBURG_WT_PWR 323604	20.60 -0.25 0.00	20.13 -0.02 0.00	18.40 0.00 0.00	16.92 0.08 0.00	15.61 0.09 0.00	15.78 0.09 0.00	15.67 0.08 0.00	15.92 0.16 0.00	18.68 0.24 0.00	19.50 0.25 0.00	20.45 0.18 0.00	20.95 0.15 0.00	20.91 0.13 0.00	20.85 -0.02 0.00	22.53 -0.14 0.00	22.29 -0.11 0.00	22.56 -0.05 0.00	27.68 -0.14 0.00	28.93 -0.26 0.00	23.34 -0.19 0.00	23.17 -0.19 0.00	21.49 -0.37 0.00	21.61 -0.46 0.00	20.48 -0.46 0.00
ELM_ST_23_KV_LD_REV_LBMP_A 345012	20.62 -0.23 0.00	19.70 -0.44 0.00	17.98 -0.42 0.00	16.31 -0.52 0.00	15.04 -0.60 -0.13	15.24 -0.56 -0.11	15.13 -0.67 -0.21	15.08 -0.93 -0.25	17.28 -1.16 0.00	18.08 -1.17 0.00	18.99 -1.28 0.00	19.49 -1.39 -0.08	19.86 -1.29 -0.37	20.14 -1.29 -0.56	22.08 -1.00 -0.42	22.14 -0.94 -0.68	22.86 -1.15 -1.41	24.36 -1.56 1.89	25.50 -1.66 2.03	23.86 -1.22 -1.56	23.43 -1.10 -1.17	22.31 -0.77 -1.22	22.28 -0.42 -0.62	21.03 -0.57 -0.66
EMPIRE_CC_1 323656	21.58 0.73 0.00	20.81 0.66 0.00	19.00 0.61 0.00	17.42 0.59 0.00	17.12 0.53 -1.08	17.15 0.55 -0.91	17.80 0.55 -1.67	18.22 0.44 -2.02	19.01 0.57 0.00	19.77 0.52 0.00	20.81 0.55 0.00	22.16 0.73 -0.62	24.46 0.73 -2.95	26.14 0.75 -4.51	26.82 0.79 -3.37	28.68 0.76 -5.52	34.75 0.74 -11.40	40.37 0.92 -11.64	42.57 0.96 -12.42	36.89 0.80 -12.57	33.62 0.82 -9.44	32.47 0.79 -9.82	27.88 0.79 -5.01	26.93 0.71 -5.28
EMPIRE_CC_2 323658	21.58 0.73 0.00	20.81 0.66 0.00	19.00 0.61 0.00	17.42 0.59 0.00	17.12 0.53 -1.08	17.15 0.55 -0.91	17.80 0.55 -1.67	18.22 0.44 -2.02	19.01 0.57 0.00	19.77 0.52 0.00	20.81 0.55 0.00	22.16 0.73 -0.62	24.46 0.73 -2.95	26.14 0.75 -4.51	26.82 0.79 -3.37	28.68 0.76 -5.52	34.75 0.74 -11.40	40.37 0.92 -11.64	42.57 0.96 -12.42	36.89 0.80 -12.57	33.62 0.82 -9.44	32.47 0.79 -9.82	27.88 0.79 -5.01	26.93 0.71 -5.28
ENORWICH_115KV_TB1 80156	22.20 1.36 0.00	21.27 1.13 0.00	19.39 0.99 0.00	17.64 0.81 0.00	16.44 0.68 -0.24	16.63 0.74 -0.20	16.71 0.75 -0.37	16.94 0.72 -0.45	19.23 0.79 0.00	20.02 0.77 0.00	21.12 0.85 0.00	21.78 0.83 -0.14	22.34 0.89 -0.66	22.82 0.94 -1.01	24.70 1.29 -0.75	24.95 1.32 -1.23	26.55 1.40 -2.54	32.95 2.00 -3.13	34.90 2.36 -3.34	28.16 1.84 -2.80	27.31 1.85 -2.10	25.76 1.71 -2.19	24.78 1.59 -1.12	23.56 1.44 -1.18

ERIE_ST__34_KV_TB1-2 80199	20.77 -0.08 0.00	19.84 -0.30 0.00	18.07 -0.33 0.00	16.39 -0.44 0.00	14.89 -0.76 -0.14	15.08 -0.72 -0.12	14.99 -0.81 -0.21	14.96 -1.06 -0.26	17.39 -1.05 0.00	18.21 -1.04 0.00	19.15 -1.11 0.00	19.41 -1.48 -0.08	19.79 -1.37 -0.38	20.12 -1.34 -0.58	22.01 -1.09 -0.43	22.15 -0.96 -0.71	22.92 -1.15 -1.47	25.06 -1.47 1.28	26.15 -1.66 1.38	23.85 -1.29 -1.62	23.43 -1.14 -1.21	22.27 -0.85 -1.26	22.21 -0.51 -0.64	20.90 -0.71 -0.68
ERIE_WT_PWR 323693	20.72 -0.12 0.00	19.82 -0.32 0.00	18.09 -0.31 0.00	16.39 -0.44 0.00	15.06 -0.59 -0.14	15.25 -0.55 -0.12	15.15 -0.65 -0.21	15.10 -0.91 -0.26	17.35 -1.09 0.00	18.16 -1.10 0.00	19.11 -1.15 0.00	19.58 -1.31 -0.08	19.89 -1.27 -0.37	20.49 -0.96 -0.57	22.14 -0.95 -0.43	22.23 -0.87 -0.70	22.97 -1.08 -1.45	24.65 -1.48 1.69	25.78 -1.61 1.81	23.97 -1.15 -1.60	23.53 -1.03 -1.20	22.39 -0.72 -1.25	22.34 -0.38 -0.64	21.17 -0.44 -0.67
ESPRGFLD_115KV_TB1 80157	22.10 1.25 0.00	21.27 1.13 0.00	19.39 0.99 0.00	17.74 0.91 0.00	16.10 0.84 0.25	16.36 0.88 0.21	16.05 0.84 0.38	16.17 0.87 0.46	19.49 1.05 0.00	20.37 1.12 0.00	21.48 1.22 0.00	21.98 1.31 0.14	21.44 1.33 0.67	21.20 1.36 1.03	23.46 1.56 0.77	22.73 1.59 1.26	21.60 1.60 2.60	27.27 2.11 2.66	28.66 2.31 2.84	22.47 1.81 2.87	23.10 1.89 2.16	21.34 1.73 2.24	22.61 1.68 1.14	21.13 1.40 1.21
ETNA_115_KV_TB1_REV_LBMP_C 345029	21.27 0.42 0.00	20.47 0.32 0.00	18.66 0.26 0.00	17.03 0.20 0.00	15.85 0.16 -0.18	16.01 0.17 -0.15	16.07 0.20 -0.28	16.29 0.19 -0.34	18.64 0.20 0.00	19.45 0.19 0.00	20.49 0.22 0.00	21.08 0.17 -0.10	21.47 0.19 -0.49	21.87 0.25 -0.75	23.65 0.43 -0.56	23.75 0.43 -0.92	24.91 0.41 -1.90	31.31 0.64 -2.86	33.00 0.76 -3.05	26.19 0.56 -2.09	25.54 0.61 -1.57	24.05 0.55 -1.64	23.46 0.55 -0.83	22.26 0.44 -0.88
ETNA____115KV_TB2 80207	21.27 0.42 0.00	20.47 0.32 0.00	18.66 0.26 0.00	17.03 0.20 0.00	15.85 0.16 -0.18	16.01 0.17 -0.15	16.07 0.20 -0.28	16.29 0.19 -0.34	18.64 0.20 0.00	19.45 0.19 0.00	20.49 0.22 0.00	21.08 0.17 -0.10	21.47 0.19 -0.49	21.87 0.25 -0.75	23.65 0.43 -0.56	23.75 0.43 -0.92	24.91 0.41 -1.90	31.31 0.64 -2.86	33.00 0.76 -3.05	26.19 0.56 -2.09	25.54 0.61 -1.57	24.05 0.55 -1.64	23.46 0.55 -0.83	22.26 0.44 -0.88
EUCLID____115KV_TB2 356179	20.62 -0.23 0.00	19.88 -0.26 0.00	18.14 -0.26 0.00	16.58 -0.25 0.00	15.37 -0.22 -0.07	15.53 -0.22 -0.06	15.50 -0.20 -0.11	15.67 -0.22 -0.13	18.14 -0.30 0.00	18.97 -0.29 0.00	19.98 -0.28 0.00	20.48 -0.37 -0.04	20.61 -0.37 -0.20	20.84 -0.33 -0.30	22.64 -0.25 -0.22	22.50 -0.27 -0.37	23.09 -0.27 -0.76	28.25 -0.33 -0.77	29.70 -0.32 -0.83	24.06 -0.31 -0.84	23.71 -0.28 -0.63	22.27 -0.24 -0.65	22.19 -0.22 -0.33	21.04 -0.25 -0.35
E_CANADA_CAP_HY 24051	22.39 1.54 0.00	21.58 1.43 0.00	19.67 1.27 0.00	18.03 1.20 0.00	18.06 1.12 -1.43	18.03 1.14 -1.20	18.88 1.09 -2.20	19.52 1.10 -2.66	19.78 1.35 0.00	20.64 1.39 0.00	21.74 1.48 0.00	23.27 1.64 -0.82	26.32 1.64 -3.89	28.53 1.71 -5.95	28.93 1.83 -4.44	31.56 1.88 -7.27	39.55 1.92 -15.02	45.60 2.45 -15.34	48.30 2.74 -16.37	42.30 2.21 -16.56	38.16 2.36 -12.44	36.91 2.10 -12.95	30.80 2.12 -6.60	29.72 1.82 -6.96
E_CANADA_MHWK_HY 24050	20.81 -0.04 0.00	20.07 -0.08 0.00	18.33 -0.07 0.00	16.70 -0.14 0.00	15.37 -0.14 0.00	15.53 -0.16 0.00	15.45 -0.14 0.00	15.57 -0.19 0.00	18.22 -0.22 0.00	19.02 -0.23 0.00	20.10 -0.16 0.00	20.64 -0.17 0.00	20.64 -0.14 0.00	20.75 -0.12 0.00	22.55 -0.11 0.00	22.29 -0.11 0.00	22.49 -0.11 0.00	27.76 -0.06 0.00	29.16 -0.03 0.00	23.53 0.00 0.00	23.34 -0.02 0.00	21.82 -0.04 0.00	22.01 -0.07 0.00	20.87 -0.06 0.00
E_FISHKILL____LBMP 23776	22.12 1.27 0.00	21.25 1.11 0.00	19.39 0.99 0.00	17.74 0.91 0.00	17.26 0.85 -0.89	17.29 0.85 -0.75	17.81 0.84 -1.38	18.35 0.93 -1.66	19.56 1.12 0.00	20.49 1.23 0.00	21.58 1.32 0.00	22.84 1.52 -0.51	24.74 1.52 -2.43	26.12 1.52 -3.72	27.18 1.74 -2.78	28.65 1.70 -4.55	33.72 1.72 -9.40	39.49 2.09 -9.59	41.56 2.13 -10.24	35.53 1.65 -10.36	32.77 1.64 -7.78	31.53 1.57 -8.10	27.77 1.57 -4.13	26.54 1.26 -4.35
FALCON____SEABRD_CC1 323796	20.81 -0.04 0.00	20.35 0.20 0.00	18.58 0.18 0.00	17.10 0.27 0.00	15.76 0.25 0.00	15.94 0.25 0.00	15.81 0.22 0.00	16.09 0.33 0.00	18.88 0.44 0.00	19.70 0.44 0.00	20.65 0.38 0.00	21.16 0.35 0.00	21.12 0.33 0.00	21.06 0.19 0.00	22.75 0.09 0.00	22.51 0.11 0.00	22.81 0.20 0.00	27.98 0.17 0.00	29.25 0.06 0.00	23.62 0.09 0.00	23.43 0.07 0.00	21.71 -0.15 0.00	21.84 -0.24 0.00	20.69 -0.25 0.00
FALCON____SEABRD_CC2 323797	20.81 -0.04 0.00	20.35 0.20 0.00	18.58 0.18 0.00	17.10 0.27 0.00	15.76 0.25 0.00	15.94 0.25 0.00	15.81 0.22 0.00	16.09 0.33 0.00	18.88 0.44 0.00	19.70 0.44 0.00	20.65 0.38 0.00	21.16 0.35 0.00	21.12 0.33 0.00	21.06 0.19 0.00	22.75 0.09 0.00	22.51 0.11 0.00	22.81 0.20 0.00	27.98 0.17 0.00	29.25 0.06 0.00	23.62 0.09 0.00	23.43 0.07 0.00	21.71 -0.15 0.00	21.84 -0.24 0.00	20.69 -0.25 0.00
FAR ROCKAWAY____4 23548	34.76 2.19 -11.72	28.00 1.97 -5.88	25.10 1.78 -4.91	23.24 1.60 -4.81	19.07 1.47 -2.08	19.06 1.47 -1.89	20.11 1.48 -3.03	20.65 1.61 -3.28	26.34 1.94 -5.96	29.77 2.08 -8.43	33.16 2.15 -10.75	34.34 2.39 -11.14	46.56 2.41 -23.36	48.93 2.44 -25.61	56.60 2.79 -31.15	53.19 2.73 -28.06	54.43 2.76 -29.07	70.46 3.34 -39.31	51.50 3.44 -18.86	43.21 2.71 -16.98	53.08 2.64 -27.08	43.91 2.56 -19.49	34.13 2.63 -9.43	33.71 2.20 -10.58
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	22.41 1.56 0.00	21.52 1.37 0.00	19.61 1.21 0.00	17.93 1.09 0.00	17.43 1.04 -0.88	17.46 1.04 -0.74	17.98 1.04 -1.35	18.59 1.20 -1.63	19.88 1.44 0.00	20.87 1.62 0.00	22.01 1.74 0.00	23.27 1.96 -0.50	25.13 1.95 -2.38	26.48 1.96 -3.65	27.65 2.27 -2.72	29.08 2.22 -4.46	34.06 2.24 -9.22	39.92 2.70 -9.41	41.98 2.74 -10.04	35.78 2.09 -10.16	33.02 2.03 -7.63	31.79 1.99 -7.94	28.18 2.05 -4.05	26.84 1.63 -4.27
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	22.41 1.56 0.00	21.52 1.37 0.00	19.63 1.23 0.00	17.93 1.09 0.00	17.43 1.04 -0.88	17.46 1.04 -0.74	17.98 1.04 -1.35	18.59 1.20 -1.63	19.88 1.44 0.00	20.87 1.62 0.00	22.01 1.74 0.00	23.27 1.96 -0.50	25.13 1.95 -2.38	26.48 1.96 -3.65	27.65 2.27 -2.72	29.08 2.22 -4.46	34.06 2.24 -9.22	39.92 2.70 -9.41	41.98 2.74 -10.04	35.78 2.09 -10.16	33.02 2.03 -7.63	31.82 2.01 -7.94	28.18 2.05 -4.05	26.86 1.65 -4.27
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	22.41 1.56 0.00	21.50 1.35 0.00	19.61 1.21 0.00	17.93 1.09 0.00	17.43 1.04 -0.88	17.44 1.02 -0.74	17.97 1.03 -1.35	18.59 1.20 -1.63	19.86 1.42 0.00	20.85 1.60 0.00	22.01 1.74 0.00	23.25 1.94 -0.50	25.10 1.93 -2.38	26.48 1.96 -3.65	27.63 2.24 -2.72	29.06 2.20 -4.46	34.04 2.22 -9.22	39.89 2.67 -9.41	41.95 2.71 -10.04	35.76 2.07 -10.16	33.00 2.01 -7.63	31.79 1.99 -7.94	28.16 2.03 -4.05	26.84 1.63 -4.27

FARRAGUT___LBMP 323566	22.39 1.54 0.00	21.50 1.35 0.00	19.59 1.20 0.00	17.91 1.08 0.00	17.41 1.02 -0.88	17.43 1.00 -0.74	17.97 1.03 -1.35	18.57 1.18 -1.63	19.84 1.40 0.00	20.83 1.58 0.00	21.99 1.72 0.00	23.23 1.91 -0.50	25.08 1.91 -2.38	26.44 1.92 -3.65	27.61 2.22 -2.72	29.04 2.17 -4.46	34.01 2.19 -9.22	39.87 2.64 -9.41	41.92 2.69 -10.04	35.73 2.05 -10.16	32.98 1.99 -7.63	31.77 1.97 -7.94	28.13 2.01 -4.05	26.82 1.61 -4.27
FENNER___WINDPWR 24204	21.16 0.31 0.00	20.39 0.24 0.00	18.60 0.20 0.00	16.98 0.15 0.00	15.74 0.12 -0.10	15.91 0.14 -0.08	15.92 0.17 -0.15	16.10 0.16 -0.19	18.60 0.17 0.00	19.43 0.17 0.00	20.49 0.22 0.00	21.07 0.21 -0.06	21.27 0.21 -0.27	21.58 0.29 -0.41	23.36 0.38 -0.31	23.31 0.40 -0.51	24.03 0.38 -1.05	29.47 0.59 -1.07	31.00 0.67 -1.14	25.18 0.49 -1.15	24.74 0.51 -0.87	23.22 0.46 -0.90	22.94 0.40 -0.46	21.82 0.40 -0.49
FIBERTEK___ENERGY 23856	20.83 -0.02 0.00	20.11 -0.04 0.00	18.32 -0.07 0.00	16.75 -0.08 0.00	15.52 -0.08 -0.09	15.70 -0.06 -0.07	15.69 -0.03 -0.13	15.89 -0.03 -0.16	18.36 -0.07 0.00	19.20 -0.06 0.00	20.24 -0.02 0.00	20.75 -0.10 -0.05	20.92 -0.10 -0.23	21.19 -0.04 -0.36	23.00 0.07 -0.27	22.88 0.04 -0.44	23.55 0.05 -0.90	28.82 0.08 -0.92	30.29 0.12 -0.98	24.55 0.02 -1.00	24.15 0.05 -0.75	22.68 0.04 -0.78	22.52 0.04 -0.40	21.35 0.00 -0.42
FITZPATRICK____ 23598	20.31 -0.54 0.00	19.62 -0.52 0.00	17.90 -0.50 0.00	16.38 -0.45 0.00	15.16 -0.40 -0.05	15.32 -0.41 -0.04	15.26 -0.41 -0.08	15.43 -0.42 -0.09	17.90 -0.54 0.00	18.70 -0.56 0.00	19.70 -0.57 0.00	20.15 -0.69 -0.03	20.24 -0.69 -0.14	20.46 -0.63 -0.21	22.16 -0.66 -0.16	22.01 -0.65 -0.26	22.46 -0.68 -0.53	27.52 -0.83 -0.54	28.92 -0.85 -0.58	23.41 -0.71 -0.59	23.12 -0.68 -0.44	21.68 -0.63 -0.46	21.72 -0.60 -0.23	20.70 -0.48 -0.25
FLOWRFLD_69_KV_BK1 356044	34.99 2.42 -11.72	28.22 2.20 -5.88	25.30 1.99 -4.91	23.56 1.92 -4.81	19.38 1.78 -2.08	19.37 1.79 -1.89	20.31 1.68 -3.03	20.84 1.80 -3.28	26.54 2.14 -5.96	30.05 2.37 -8.43	33.65 2.53 -10.86	40.11 2.71 -16.60	46.83 2.68 -23.36	52.58 2.61 -29.09	56.78 2.95 -31.17	162.32 2.89 -137.03	167.37 2.92 -141.85	164.90 3.53 -133.55	168.54 3.62 -135.73	162.41 2.85 -136.04	131.06 2.78 -104.92	44.02 2.67 -19.49	47.33 2.85 -22.40	40.25 2.49 -16.82
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	22.29 1.44 0.00	21.40 1.25 0.00	19.52 1.12 0.00	17.86 1.03 0.00	17.28 0.88 -0.88	17.27 0.85 -0.74	17.79 0.84 -1.35	18.31 0.91 -1.64	19.58 1.14 0.00	20.49 1.23 0.00	21.58 1.32 0.00	22.88 1.56 -0.51	24.76 1.58 -2.39	26.10 1.57 -3.67	27.19 1.79 -2.73	28.67 1.79 -4.48	33.69 1.83 -9.26	39.52 2.25 -9.45	41.61 2.34 -10.08	35.54 1.81 -10.20	32.78 1.75 -7.66	31.61 1.77 -7.98	27.89 1.74 -4.06	26.65 1.42 -4.29
FORT ORANGE____ 23900	21.50 0.65 0.00	20.71 0.56 0.00	18.91 0.51 0.00	17.37 0.54 0.00	17.10 0.46 -1.12	17.10 0.47 -0.94	17.79 0.47 -1.73	18.28 0.43 -2.09	18.99 0.55 0.00	19.81 0.56 0.00	20.81 0.55 0.00	22.14 0.69 -0.65	24.55 0.71 -3.06	26.30 0.75 -4.68	26.97 0.81 -3.49	28.95 0.83 -5.72	35.26 0.84 -11.82	40.91 1.03 -12.06	43.20 1.14 -12.87	37.49 0.94 -13.03	34.08 0.94 -9.78	32.92 0.88 -10.18	28.17 0.91 -5.19	27.16 0.75 -5.47
FORT_DRUM_COGEN 23780	20.62 -0.23 0.00	19.86 -0.28 0.00	18.14 -0.26 0.00	16.61 -0.22 0.00	15.37 -0.19 -0.04	15.57 -0.16 -0.04	15.46 -0.20 -0.07	15.61 -0.24 -0.08	18.05 -0.39 0.00	18.79 -0.46 0.00	19.76 -0.51 0.00	20.29 -0.54 -0.03	20.30 -0.60 -0.12	20.49 -0.56 -0.18	22.28 -0.52 -0.14	22.22 -0.40 -0.22	22.73 -0.34 -0.46	28.12 -0.17 -0.47	29.81 0.12 -0.50	24.22 0.19 -0.51	23.90 0.16 -0.38	22.37 0.11 -0.40	22.10 -0.18 -0.20	21.07 -0.08 -0.21
FPL_FAR_ROCK_GT1 24212	34.72 2.15 -11.72	28.00 1.98 -5.88	25.10 1.78 -4.91	23.24 1.60 -4.81	19.07 1.47 -2.08	19.06 1.47 -1.89	20.11 1.48 -3.03	20.65 1.61 -3.28	26.34 1.94 -5.96	29.77 2.08 -8.43	33.16 2.15 -10.75	34.34 2.39 -11.14	46.56 2.41 -23.36	48.95 2.46 -25.61	56.60 2.79 -31.15	53.19 2.73 -28.06	54.43 2.76 -29.07	70.49 3.36 -39.31	51.52 3.47 -18.86	43.21 2.70 -16.98	53.08 2.64 -27.08	43.91 2.56 -19.49	34.13 2.63 -9.43	33.82 2.30 -10.58
FPL_FAR_ROCK_GT2 23815	34.72 2.15 -11.72	28.00 1.98 -5.88	25.10 1.78 -4.91	23.24 1.60 -4.81	19.07 1.47 -2.08	19.06 1.47 -1.89	20.11 1.48 -3.03	20.65 1.61 -3.28	26.34 1.94 -5.96	29.77 2.08 -8.43	33.16 2.15 -10.75	34.34 2.39 -11.14	46.56 2.41 -23.36	48.95 2.46 -25.61	56.60 2.79 -31.15	53.19 2.73 -28.06	54.43 2.76 -29.07	70.49 3.36 -39.31	51.52 3.47 -18.86	43.21 2.70 -16.98	53.08 2.64 -27.08	43.91 2.56 -19.49	34.13 2.63 -9.43	33.82 2.30 -10.58
FRANKLIN_FALL_HYD 24054	20.45 -0.40 0.00	20.00 -0.14 0.00	18.29 -0.11 0.00	16.78 -0.05 0.00	15.47 -0.05 0.00	15.66 -0.03 0.00	15.56 -0.03 0.00	15.84 0.08 0.00	18.57 0.13 0.00	19.39 0.13 0.00	20.28 0.02 0.00	20.81 0.00 0.00	20.77 -0.02 0.00	20.79 -0.08 0.00	22.37 -0.29 0.00	22.13 -0.27 0.00	22.42 -0.18 0.00	27.54 -0.28 0.00	28.81 -0.38 0.00	23.31 -0.21 0.00	23.13 -0.23 0.00	21.42 -0.44 0.00	21.53 -0.55 0.00	20.60 -0.33 0.00
FREEPORT_EQUS_GT1 23764	34.53 1.96 -11.72	27.84 1.81 -5.88	24.95 1.64 -4.91	23.14 1.50 -4.81	18.99 1.40 -2.08	18.98 1.40 -1.89	20.01 1.39 -3.03	20.54 1.50 -3.28	26.21 1.81 -5.96	29.65 1.96 -8.43	33.08 2.07 -10.75	34.29 2.31 -11.18	46.35 2.20 -23.36	48.68 2.17 -25.64	56.28 2.47 -31.15	53.62 2.42 -28.80	54.90 2.46 -29.83	70.75 2.98 -39.95	51.91 3.06 -19.65	43.76 2.45 -17.79	53.38 2.41 -27.61	43.70 2.34 -19.49	34.02 2.43 -9.51	33.75 2.20 -10.62
FREEPORT___CT2 23818	34.53 1.96 -11.72	27.84 1.81 -5.88	24.95 1.64 -4.91	23.14 1.50 -4.81	18.99 1.40 -2.08	18.98 1.40 -1.89	20.01 1.39 -3.03	20.54 1.50 -3.28	26.21 1.81 -5.96	29.65 1.96 -8.43	33.08 2.07 -10.75	34.29 2.31 -11.18	46.35 2.20 -23.36	48.68 2.17 -25.64	56.28 2.47 -31.15	53.62 2.42 -28.80	54.90 2.46 -29.83	70.75 2.98 -39.95	51.91 3.06 -19.65	43.76 2.45 -17.79	53.38 2.41 -27.61	43.70 2.34 -19.49	34.02 2.43 -9.51	33.75 2.20 -10.62
FRESHKLS_33_KV_LOAD 356253	22.61 1.75 -0.01	21.71 1.55 -0.01	19.80 1.40 -0.01	18.07 1.23 -0.01	17.56 1.16 -0.88	17.54 1.11 -0.74	17.97 1.03 -1.35	18.59 1.20 -1.63	19.78 1.35 0.01	20.85 1.60 0.00	22.04 1.76 -0.01	32.79 1.98 -10.00	25.17 2.00 -2.38	26.51 1.96 -3.67	27.70 2.31 -2.73	29.14 2.24 -4.50	73.26 2.28 -48.37	73.52 2.75 -42.95	69.99 2.80 -38.00	69.30 2.12 -43.66	38.73 2.03 -13.34	44.64 2.03 -20.75	28.27 2.14 -4.05	31.16 1.67 -8.55
FULTON COGEN____ 23766	20.56 -0.29 0.00	19.84 -0.30 0.00	18.10 -0.29 0.00	16.55 -0.29 0.00	15.33 -0.25 -0.07	15.51 -0.24 -0.06	15.46 -0.23 -0.11	15.65 -0.24 -0.13	18.12 -0.31 0.00	18.93 -0.33 0.00	19.96 -0.30 0.00	20.43 -0.42 -0.04	20.56 -0.42 -0.19	20.78 -0.38 -0.29	22.56 -0.32 -0.21	22.44 -0.31 -0.35	22.99 -0.34 -0.73	28.19 -0.36 -0.74	29.60 -0.38 -0.79	24.00 -0.33 -0.80	23.66 -0.30 -0.60	22.20 -0.28 -0.62	22.11 -0.29 -0.32	20.98 -0.29 -0.34

FULTON___LFGE 323630	22.93 2.08 0.00	22.10 1.95 0.00	20.09 1.69 0.00	18.21 1.38 0.00	18.17 1.32 -1.34	18.16 1.35 -1.13	19.18 1.53 -2.06	19.80 1.55 -2.49	20.34 1.90 0.00	21.20 1.94 0.00	22.31 2.05 0.00	23.87 2.29 -0.77	26.74 2.31 -3.65	28.81 2.36 -5.58	29.50 2.67 -4.16	32.05 2.82 -6.82	39.59 2.89 -14.10	45.85 3.64 -14.39	48.72 4.17 -15.36	42.46 3.39 -15.54	38.51 3.48 -11.67	37.01 3.00 -12.15	31.34 3.07 -6.19	30.10 2.64 -6.53
G.F.CEMENT___DRP 24184	21.83 0.98 0.00	21.03 0.89 0.00	19.17 0.77 0.00	17.57 0.74 0.00	17.40 0.71 -1.17	17.41 0.74 -0.99	18.10 0.70 -1.81	18.62 0.68 -2.19	19.21 0.77 0.00	20.02 0.77 0.00	21.07 0.81 0.00	22.48 1.00 -0.68	24.98 1.00 -3.19	26.76 1.00 -4.89	27.47 1.16 -3.65	29.63 1.25 -5.98	36.17 1.22 -12.35	41.90 1.47 -12.61	44.37 1.72 -13.45	38.58 1.44 -13.61	35.03 1.45 -10.23	33.75 1.25 -10.64	28.91 1.41 -5.42	27.73 1.07 -5.72
GARDENVILLE___LBMP 24039	20.68 -0.17 0.00	19.74 -0.40 0.00	17.99 -0.40 0.00	16.34 -0.49 0.00	15.03 -0.62 -0.14	15.22 -0.58 -0.12	15.12 -0.69 -0.21	15.09 -0.93 -0.26	17.29 -1.14 0.00	18.12 -1.14 0.00	19.01 -1.26 0.00	19.49 -1.39 -0.08	19.87 -1.29 -0.37	20.15 -1.29 -0.57	22.09 -1.00 -0.43	22.16 -0.94 -0.70	22.92 -1.13 -1.44	24.07 -1.53 2.22	25.19 -1.63 2.37	23.92 -1.20 -1.59	23.48 -1.07 -1.19	22.36 -0.74 -1.24	22.31 -0.40 -0.63	21.06 -0.54 -0.67
GARDNVLA_35_KV_LD 355827	20.77 -0.08 0.00	19.84 -0.30 0.00	18.09 -0.31 0.00	16.41 -0.42 0.00	15.09 -0.56 -0.14	15.27 -0.53 -0.12	15.16 -0.64 -0.21	15.13 -0.88 -0.26	17.37 -1.07 0.00	18.20 -1.06 0.00	19.09 -1.18 0.00	19.56 -1.33 -0.08	19.94 -1.23 -0.38	20.24 -1.21 -0.57	22.18 -0.91 -0.43	22.25 -0.85 -0.70	23.01 -1.04 -1.45	24.85 -1.47 1.49	26.02 -1.58 1.59	24.02 -1.11 -1.60	23.58 -0.98 -1.20	22.46 -0.66 -1.25	22.41 -0.31 -0.64	21.13 -0.48 -0.67
GELCKHM___115KV_LOAD 80723	20.68 -0.17 0.00	19.94 -0.20 0.00	18.20 -0.20 0.00	16.65 -0.19 0.00	15.42 -0.17 -0.08	15.60 -0.16 -0.06	15.55 -0.16 -0.12	15.75 -0.16 -0.14	18.22 -0.22 0.00	19.04 -0.21 0.00	20.06 -0.20 0.00	20.56 -0.29 -0.04	20.73 -0.27 -0.21	20.96 -0.23 -0.32	22.74 -0.16 -0.24	22.64 -0.16 -0.39	23.23 -0.18 -0.81	28.45 -0.19 -0.83	29.90 -0.18 -0.88	24.23 -0.19 -0.89	23.87 -0.16 -0.67	22.41 -0.15 -0.70	22.30 -0.13 -0.36	21.14 -0.17 -0.38
GENERAL___MILLS 23808	20.72 -0.13 0.00	19.80 -0.34 0.00	18.05 -0.35 0.00	16.38 -0.45 0.00	15.06 -0.59 -0.14	15.24 -0.56 -0.12	15.15 -0.65 -0.21	15.10 -0.91 -0.26	17.35 -1.09 0.00	18.16 -1.10 0.00	19.07 -1.20 0.00	19.51 -1.37 -0.08	19.89 -1.27 -0.37	20.19 -1.25 -0.57	22.12 -0.97 -0.43	22.21 -0.90 -0.70	22.97 -1.08 -1.45	24.63 -1.50 1.69	25.78 -1.61 1.81	23.95 -1.18 -1.60	23.53 -1.03 -1.20	22.41 -0.70 -1.25	22.36 -0.35 -0.64	21.08 -0.52 -0.67
GE_PLASTICS___DRP 24183	21.52 0.67 0.00	20.73 0.58 0.00	18.91 0.52 0.00	17.35 0.52 0.00	17.10 0.47 -1.12	17.10 0.47 -0.94	17.79 0.47 -1.73	18.29 0.44 -2.09	19.01 0.57 0.00	19.83 0.58 0.00	20.85 0.59 0.00	22.18 0.73 -0.65	24.59 0.75 -3.06	26.31 0.75 -4.68	26.99 0.84 -3.49	28.95 0.83 -5.72	35.26 0.84 -11.82	40.92 1.03 -12.07	43.15 1.08 -12.88	37.46 0.89 -13.04	34.04 0.89 -9.79	32.88 0.83 -10.19	28.13 0.86 -5.19	27.06 0.65 -5.48
GILBOA___1 23756	21.58 0.73 0.00	20.79 0.64 0.00	18.99 0.59 0.00	17.37 0.54 0.00	16.87 0.50 -0.86	16.92 0.50 -0.73	17.42 0.50 -1.33	17.87 0.50 -1.61	19.07 0.63 0.00	19.91 0.66 0.00	20.95 0.69 0.00	22.14 0.83 -0.50	23.97 0.83 -2.35	25.33 0.86 -3.60	26.30 0.95 -2.68	27.74 0.94 -4.40	32.64 0.95 -9.09	38.26 1.17 -9.28	40.29 1.20 -9.90	34.51 0.96 -10.02	31.84 0.96 -7.52	30.61 0.92 -7.83	26.99 0.93 -3.99	25.94 0.80 -4.21
GILBOA___2 23757	21.58 0.73 0.00	20.79 0.64 0.00	18.99 0.59 0.00	17.37 0.54 0.00	16.87 0.50 -0.86	16.92 0.50 -0.73	17.42 0.50 -1.33	17.87 0.50 -1.61	19.07 0.63 0.00	19.91 0.66 0.00	20.95 0.69 0.00	22.14 0.83 -0.50	23.97 0.83 -2.35	25.33 0.86 -3.60	26.30 0.95 -2.68	27.74 0.94 -4.40	32.64 0.95 -9.09	38.26 1.17 -9.28	40.29 1.20 -9.90	34.51 0.96 -10.02	31.84 0.96 -7.52	30.61 0.92 -7.83	26.99 0.93 -3.99	25.94 0.80 -4.21
GILBOA___3 23758	21.58 0.73 0.00	20.79 0.64 0.00	18.99 0.59 0.00	17.37 0.54 0.00	16.87 0.50 -0.86	16.92 0.50 -0.73	17.42 0.50 -1.33	17.87 0.50 -1.61	19.07 0.63 0.00	19.91 0.66 0.00	20.95 0.69 0.00	22.14 0.83 -0.50	23.97 0.83 -2.35	25.33 0.86 -3.60	26.30 0.95 -2.68	27.74 0.94 -4.40	32.64 0.95 -9.09	38.26 1.17 -9.28	40.29 1.20 -9.90	34.51 0.96 -10.02	31.84 0.96 -7.52	30.61 0.92 -7.83	26.99 0.93 -3.99	25.94 0.80 -4.21
GILBOA___4 23759	21.58 0.73 0.00	20.79 0.64 0.00	18.99 0.59 0.00	17.37 0.54 0.00	16.87 0.50 -0.86	16.92 0.50 -0.73	17.42 0.50 -1.33	17.87 0.50 -1.61	19.07 0.63 0.00	19.91 0.66 0.00	20.95 0.69 0.00	22.14 0.83 -0.50	23.97 0.83 -2.35	25.33 0.86 -3.60	26.30 0.95 -2.68	27.74 0.94 -4.40	32.64 0.95 -9.09	38.26 1.17 -9.28	40.29 1.20 -9.90	34.51 0.96 -10.02	31.84 0.96 -7.52	30.61 0.92 -7.83	26.99 0.93 -3.99	25.94 0.80 -4.21
GILBOA___ 23599	21.60 0.75 0.00	20.79 0.64 0.00	18.99 0.59 0.00	17.37 0.54 0.00	16.87 0.50 -0.86	16.92 0.50 -0.73	17.42 0.50 -1.33	17.87 0.50 -1.61	19.06 0.63 0.00	19.91 0.65 0.00	20.97 0.71 0.00	22.14 0.83 -0.50	23.97 0.83 -2.35	25.31 0.83 -3.60	26.30 0.95 -2.68	27.74 0.94 -4.40	32.64 0.95 -9.09	38.26 1.17 -9.28	40.29 1.20 -9.90	34.51 0.96 -10.02	31.84 0.96 -7.52	30.61 0.92 -7.83	27.00 0.93 -3.99	25.88 0.73 -4.21
GINNA___ 23603	19.79 -1.06 0.00	19.00 -1.15 0.00	17.29 -1.10 0.00	15.79 -1.04 0.00	14.73 -0.88 -0.10	14.89 -0.88 -0.08	14.84 -0.90 -0.15	14.95 -0.99 -0.18	17.15 -1.29 0.00	17.93 -1.33 0.00	18.95 -1.32 0.00	19.57 -1.29 -0.06	19.78 -1.27 -0.27	20.15 -1.13 -0.41	21.83 -1.13 -0.30	21.78 -1.12 -0.50	22.37 -1.27 -1.03	27.19 -1.67 -1.05	28.59 -1.72 -1.12	23.39 -1.27 -1.13	22.97 -1.24 -0.85	21.70 -1.05 -0.89	21.58 -0.95 -0.45	20.57 -0.84 -0.48
GLEN PARK___ 23778	20.75 -0.10 0.00	19.96 -0.18 0.00	18.25 -0.15 0.00	16.70 -0.14 0.00	15.45 -0.11 -0.05	15.65 -0.08 -0.04	15.53 -0.13 -0.07	15.69 -0.16 -0.08	18.14 -0.30 0.00	18.89 -0.37 0.00	19.88 -0.39 0.00	20.40 -0.44 -0.03	20.39 -0.52 -0.12	20.62 -0.44 -0.19	22.42 -0.39 -0.14	22.34 -0.29 -0.23	22.85 -0.23 -0.48	28.33 0.03 -0.49	30.03 0.32 -0.52	24.43 0.38 -0.53	24.13 0.37 -0.39	22.58 0.31 -0.41	22.29 0.00 -0.21	21.28 0.13 -0.22
GLENDALE_27_KV_LOAD 356172	22.59 1.73 -0.01	21.69 1.53 -0.01	19.77 1.36 -0.01	18.07 1.23 -0.01	17.56 1.16 -0.88	17.57 1.15 -0.74	18.06 1.12 -1.35	18.70 1.31 -1.63	19.95 1.51 0.00	21.01 1.75 0.00	22.18 1.90 -0.01	23.42 2.10 -0.51	25.29 2.12 -2.38	26.63 2.11 -3.65	27.82 2.42 -2.73	29.24 2.37 -4.46	34.24 2.42 -9.22	40.12 2.89 -9.41	42.18 2.95 -10.04	35.95 2.26 -10.16	33.16 2.17 -7.63	32.00 2.19 -7.95	28.36 2.23 -4.05	27.03 1.82 -4.27

GLENWOOD_IC_1_G5 23712	34.34 1.77 -11.72	27.62 1.59 -5.88	24.75 1.44 -4.91	22.94 1.30 -4.81	18.80 1.21 -2.08	18.79 1.21 -1.89	19.84 1.22 -3.03	20.38 1.34 -3.28	26.01 1.60 -5.96	29.46 1.77 -8.43	32.81 1.80 -10.75	34.00 2.02 -11.17	46.16 2.02 -23.36	48.53 2.02 -25.64	56.13 2.31 -31.15	53.43 2.26 -28.76	54.71 2.31 -29.80	70.52 2.78 -39.92	51.64 2.83 -19.62	43.46 2.19 -17.75	53.10 2.15 -27.59	43.43 2.08 -19.49	33.71 2.12 -9.51	33.27 1.72 -10.62
GLENWOOD_IC_2_G1 23688	34.18 1.61 -11.72	27.48 1.45 -5.88	24.62 1.31 -4.91	22.84 1.20 -4.81	18.71 1.12 -2.08	18.70 1.11 -1.89	19.75 1.12 -3.03	20.27 1.23 -3.28	25.89 1.49 -5.96	29.32 1.64 -8.43	32.77 1.76 -10.75	33.93 1.98 -11.14	46.10 1.95 -23.36	48.47 1.98 -25.61	56.06 2.24 -31.15	52.65 2.20 -28.06	53.91 2.24 -29.07	69.85 2.73 -39.31	50.83 2.77 -18.86	42.64 2.14 -16.98	52.55 2.10 -27.08	43.41 2.05 -19.49	33.56 2.05 -9.43	33.29 1.78 -10.58
GLENWOOD_IC_3_G1 23689	34.18 1.61 -11.72	27.48 1.45 -5.88	24.62 1.31 -4.91	22.84 1.20 -4.81	18.71 1.12 -2.08	18.70 1.11 -1.89	19.75 1.12 -3.03	20.27 1.23 -3.28	25.89 1.49 -5.96	29.32 1.64 -8.43	32.77 1.76 -10.75	33.93 1.98 -11.14	46.10 1.95 -23.36	48.47 1.98 -25.61	56.06 2.24 -31.15	52.65 2.20 -28.06	53.91 2.24 -29.07	69.85 2.73 -39.31	50.83 2.77 -18.86	42.64 2.14 -16.98	52.55 2.10 -27.08	43.41 2.05 -19.49	33.56 2.05 -9.43	33.29 1.78 -10.58
GLENWOOD___4 23550	34.34 1.77 -11.72	27.62 1.59 -5.88	24.75 1.44 -4.91	22.94 1.30 -4.81	18.80 1.21 -2.08	18.79 1.21 -1.89	19.84 1.22 -3.03	20.38 1.34 -3.28	26.01 1.60 -5.96	29.46 1.77 -8.43	32.85 1.84 -10.75	34.04 2.06 -11.17	46.20 2.06 -23.36	48.59 2.09 -25.64	56.19 2.38 -31.15	53.49 2.33 -28.76	54.75 2.35 -29.80	70.57 2.84 -39.92	51.73 2.92 -19.62	43.53 2.26 -17.75	53.17 2.22 -27.59	43.48 2.12 -19.49	33.75 2.16 -9.51	33.31 1.76 -10.62
GLENWOOD___5 23614	34.34 1.77 -11.72	27.62 1.59 -5.88	24.75 1.44 -4.91	22.94 1.30 -4.81	18.80 1.21 -2.08	18.79 1.21 -1.89	19.84 1.22 -3.03	20.38 1.34 -3.28	26.01 1.60 -5.96	29.46 1.77 -8.43	32.85 1.84 -10.75	34.04 2.06 -11.17	46.20 2.06 -23.36	48.59 2.09 -25.64	56.19 2.38 -31.15	53.49 2.33 -28.76	54.75 2.35 -29.80	70.57 2.84 -39.92	51.73 2.92 -19.62	43.53 2.26 -17.75	53.17 2.22 -27.59	43.48 2.12 -19.49	33.75 2.16 -9.51	33.31 1.76 -10.62
GLOBAL GREEN_PORT_GT1 23814	36.07 3.50 -11.72	29.27 3.24 -5.88	26.24 2.93 -4.91	24.33 2.69 -4.81	20.07 2.48 -2.08	20.09 2.51 -1.89	21.10 2.48 -3.03	21.62 2.58 -3.28	27.50 3.10 -5.96	31.15 3.46 -8.43	34.90 3.81 -10.83	39.92 4.08 -15.03	48.26 4.12 -23.36	53.25 4.28 -28.10	58.60 4.78 -31.16	132.89 4.77 -105.72	136.87 4.81 -109.45	140.24 5.95 -106.47	137.48 6.13 -102.15	130.16 4.80 -101.84	110.60 4.67 -82.56	45.77 4.42 -19.49	45.39 4.64 -18.68	40.11 4.15 -15.02
GLOBE___DSASP 323697	20.02 -0.83 0.00	19.08 -1.07 0.00	17.53 -0.86 0.00	15.84 -0.99 0.00	14.82 -0.82 -0.13	15.01 -0.78 -0.11	14.85 -0.94 -0.19	14.75 -1.25 -0.24	16.76 -1.68 0.00	17.56 -1.69 0.00	18.40 -1.86 0.00	19.01 -1.87 -0.07	19.34 -1.79 -0.34	19.60 -1.79 -0.53	21.51 -1.54 -0.39	21.52 -1.52 -0.64	22.20 -1.74 -1.33	24.79 -1.95 1.08	25.96 -2.07 1.16	23.14 -1.86 -1.47	22.69 -1.78 -1.10	21.65 -1.36 -1.15	21.69 -0.97 -0.59	20.53 -1.03 -0.62
GOETHSLN___LBMP 323567	22.29 1.44 0.00	21.40 1.25 0.00	19.52 1.12 0.00	17.82 0.99 0.00	17.35 0.96 -0.88	17.37 0.94 -0.74	17.91 0.97 -1.35	18.53 1.13 -1.63	19.78 1.35 0.00	20.80 1.54 0.00	21.93 1.66 0.00	23.19 1.87 -0.50	25.04 1.87 -2.38	26.40 1.88 -3.65	27.56 2.18 -2.72	28.99 2.13 -4.46	33.94 2.12 -9.22	39.76 2.53 -9.41	41.80 2.57 -10.04	35.66 1.98 -10.16	32.88 1.89 -7.63	31.71 1.90 -7.94	28.07 1.94 -4.05	26.75 1.55 -4.27
GOLAH___69_KV_TB 1_2 80279	20.79 -0.06 0.00	19.90 -0.24 0.00	18.14 -0.26 0.00	16.56 -0.27 0.00	15.43 -0.19 -0.10	15.62 -0.16 -0.09	15.52 -0.23 -0.16	15.56 -0.39 -0.19	17.79 -0.65 0.00	18.58 -0.67 0.00	19.53 -0.73 0.00	20.12 -0.75 -0.06	20.38 -0.69 -0.28	20.61 -0.69 -0.43	22.60 -0.39 -0.32	22.52 -0.40 -0.53	23.10 -0.59 -1.09	28.18 -0.75 -1.12	29.62 -0.76 -1.19	24.28 -0.45 -1.20	23.91 -0.35 -0.90	22.62 -0.17 -0.94	22.58 0.02 -0.48	21.42 -0.02 -0.50
GOODYEAR_LAKE_HYD 323669	21.79 0.94 0.00	20.95 0.81 0.00	19.12 0.72 0.00	17.47 0.64 0.00	16.24 0.57 -0.15	16.41 0.60 -0.13	16.42 0.59 -0.24	16.66 0.61 -0.29	19.19 0.76 0.00	20.06 0.81 0.00	21.18 0.91 0.00	21.87 0.98 -0.09	22.20 1.00 -0.42	22.53 1.02 -0.64	24.36 1.22 -0.48	24.39 1.21 -0.78	25.44 1.22 -1.61	31.08 1.61 -1.65	32.67 1.72 -1.76	26.65 1.34 -1.78	26.03 1.33 -1.34	24.50 1.25 -1.39	24.00 1.21 -0.71	22.69 1.00 -0.75
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	21.08 0.23 0.00	20.29 0.14 0.00	18.49 0.09 0.00	16.87 0.03 0.00	15.74 -0.03 -0.26	15.89 -0.02 -0.22	15.99 0.00 -0.40	16.19 -0.05 -0.48	18.42 -0.02 0.00	19.24 -0.02 0.00	20.26 0.00 0.00	20.89 -0.06 -0.15	21.45 -0.04 -0.70	21.95 0.00 -1.07	23.62 0.16 -0.80	23.87 0.16 -1.31	25.43 0.11 -2.71	30.81 0.22 -2.77	32.38 0.23 -2.95	26.66 0.14 -2.99	25.79 0.19 -2.25	24.42 0.22 -2.34	23.56 0.29 -1.19	22.32 0.13 -1.26
GOUDEY___7 23579	21.10 0.25 0.00	20.29 0.14 0.00	18.51 0.11 0.00	16.88 0.05 0.00	15.75 -0.02 -0.26	15.91 0.00 -0.22	16.00 0.02 -0.40	16.21 -0.03 -0.48	18.42 -0.02 0.00	19.25 0.00 0.00	20.28 0.02 0.00	20.92 -0.04 -0.15	21.47 -0.02 -0.70	21.97 0.02 -1.07	23.67 0.20 -0.80	23.92 0.20 -1.31	25.47 0.16 -2.71	30.83 0.25 -2.77	32.41 0.26 -2.95	26.68 0.16 -2.99	25.82 0.21 -2.25	24.44 0.24 -2.34	23.58 0.31 -1.19	22.34 0.15 -1.26
GOUDEY___8 23580	21.08 0.23 0.00	20.29 0.14 0.00	18.49 0.09 0.00	16.87 0.03 0.00	15.74 -0.03 -0.26	15.89 -0.02 -0.22	15.99 0.00 -0.40	16.19 -0.05 -0.48	18.42 -0.02 0.00	19.24 -0.02 0.00	20.26 0.00 0.00	20.89 -0.06 -0.15	21.45 -0.04 -0.70	21.95 0.00 -1.07	23.62 0.16 -0.80	23.87 0.16 -1.31	25.43 0.11 -2.71	30.81 0.22 -2.77	32.38 0.23 -2.95	26.66 0.14 -2.99	25.79 0.19 -2.25	24.42 0.22 -2.34	23.56 0.29 -1.19	22.32 0.13 -1.26
GOWANUS_GT1_1 24077	22.61 1.75 -0.01	21.71 1.55 -0.01	19.80 1.40 -0.01	18.09 1.25 -0.01	17.56 1.16 -0.88	17.55 1.13 -0.74	18.03 1.09 -1.35	18.65 1.26 -1.63	19.89 1.46 0.00	20.95 1.69 0.00	22.14 1.86 -0.01	35.96 2.08 -13.07	25.25 2.08 -2.38	26.61 2.07 -3.67	27.79 2.40 -2.73	29.23 2.33 -4.50	73.35 2.37 -48.37	73.60 2.84 -42.95	70.08 2.89 -38.00	69.37 2.19 -43.66	38.83 2.13 -13.34	44.75 2.14 -20.75	28.34 2.21 -4.05	32.64 1.78 -9.93
GOWANUS_GT1_2 24078	22.61 1.75 -0.01	21.71 1.55 -0.01	19.80 1.40 -0.01	18.09 1.25 -0.01	17.56 1.16 -0.88	17.55 1.13 -0.74	18.03 1.09 -1.35	18.65 1.26 -1.63	19.89 1.46 0.00	20.95 1.69 0.00	22.14 1.86 -0.01	35.96 2.08 -13.07	25.25 2.08 -2.38	26.61 2.07 -3.67	27.79 2.40 -2.73	29.23 2.33 -4.50	73.35 2.37 -48.37	73.60 2.84 -42.95	70.08 2.89 -38.00	69.37 2.19 -43.66	38.83 2.13 -13.34	44.75 2.14 -20.75	28.34 2.21 -4.05	32.64 1.78 -9.93

GOWANUS_GT1_3 24079	22.61	21.71	19.80	18.09	17.56	17.55	18.03	18.65	19.89	20.95	22.14	35.96	25.25	26.61	27.79	29.23	73.35	73.60	70.08	69.37	38.83	44.75	28.34	32.64
	1.75	1.55	1.40	1.25	1.16	1.13	1.09	1.26	1.46	1.69	1.86	2.08	2.08	2.07	2.40	2.33	2.37	2.84	2.89	2.19	2.13	2.14	2.21	1.78
	-0.01	-0.01	-0.01	-0.01	-0.88	-0.74	-1.35	-1.63	0.00	0.00	-0.01	-13.07	-2.38	-3.67	-2.73	-4.50	-48.37	-42.95	-38.00	-43.66	-13.34	-20.75	-4.05	-9.93
GOWANUS_GT1_4 24080	22.61	21.71	19.80	18.09	17.56	17.55	18.03	18.65	19.89	20.95	22.14	35.96	25.25	26.61	27.79	29.23	73.35	73.60	70.08	69.37	38.83	44.75	28.34	32.64
	1.75	1.55	1.40	1.25	1.16	1.13	1.09	1.26	1.46	1.69	1.86	2.08	2.08	2.07	2.40	2.33	2.37	2.84	2.89	2.19	2.13	2.14	2.21	1.78
	-0.01	-0.01	-0.01	-0.01	-0.88	-0.74	-1.35	-1.63	0.00	0.00	-0.01	-13.07	-2.38	-3.67	-2.73	-4.50	-48.37	-42.95	-38.00	-43.66	-13.34	-20.75	-4.05	-9.93
GOWANUS_GT1_5 24084	22.61	21.71	19.80	18.09	17.56	17.55	18.03	18.65	19.89	20.95	22.14	35.96	25.25	26.61	27.79	29.23	73.35	73.60	70.08	69.37	38.83	44.75	28.34	32.64
	1.75	1.55	1.40	1.25	1.16	1.13	1.09	1.26	1.46	1.69	1.86	2.08	2.08	2.07	2.40	2.33	2.37	2.84	2.89	2.19	2.13	2.14	2.21	1.78
	-0.01	-0.01	-0.01	-0.01	-0.88	-0.74	-1.35	-1.63	0.00	0.00	-0.01	-13.07	-2.38	-3.67	-2.73	-4.50	-48.37	-42.95	-38.00	-43.66	-13.34	-20.75	-4.05	-9.93
GOWANUS_GT1_6 24111	22.61	21.71	19.80	18.09	17.56	17.55	18.03	18.65	19.89	20.95	22.14	35.96	25.25	26.61	27.79	29.23	73.35	73.60	70.08	69.37	38.83	44.75	28.34	32.64
	1.75	1.55	1.40	1.25	1.16	1.13	1.09	1.26	1.46	1.69	1.86	2.08	2.08	2.07	2.40	2.33	2.37	2.84	2.89	2.19	2.13	2.14	2.21	1.78
	-0.01	-0.01	-0.01	-0.01	-0.88	-0.74	-1.35	-1.63	0.00	0.00	-0.01	-13.07	-2.38	-3.67	-2.73	-4.50	-48.37	-42.95	-38.00	-43.66	-13.34	-20.75	-4.05	-9.93
GOWANUS_GT1_7 24112	22.61	21.71	19.80	18.09	17.56	17.55	18.03	18.65	19.89	20.95	22.14	35.96	25.25	26.61	27.79	29.23	73.35	73.60	70.08	69.37	38.83	44.75	28.34	32.64
	1.75	1.55	1.40	1.25	1.16	1.13	1.09	1.26	1.46	1.69	1.86	2.08	2.08	2.07	2.40	2.33	2.37	2.84	2.89	2.19	2.13	2.14	2.21	1.78
	-0.01	-0.01	-0.01	-0.01	-0.88	-0.74	-1.35	-1.63	0.00	0.00	-0.01	-13.07	-2.38	-3.67	-2.73	-4.50	-48.37	-42.95	-38.00	-43.66	-13.34	-20.75	-4.05	-9.93
GOWANUS_GT1_8 24113	22.61	21.71	19.80	18.09	17.56	17.55	18.03	18.65	19.89	20.95	22.14	35.96	25.25	26.61	27.79	29.23	73.35	73.60	70.08	69.37	38.83	44.75	28.34	32.64
	1.75	1.55	1.40	1.25	1.16	1.13	1.09	1.26	1.46	1.69	1.86	2.08	2.08	2.07	2.40	2.33	2.37	2.84	2.89	2.19	2.13	2.14	2.21	1.78
	-0.01	-0.01	-0.01	-0.01	-0.88	-0.74	-1.35	-1.63	0.00	0.00	-0.01	-13.07	-2.38	-3.67	-2.73	-4.50	-48.37	-42.95	-38.00	-43.66	-13.34	-20.75	-4.05	-9.93
GOWANUS_GT2_1 24114	22.57	21.71	19.80	18.09	17.56	17.55	18.03	18.65	19.89	20.95	22.14	35.96	25.25	26.63	27.79	29.23	73.35	73.60	70.08	69.38	38.83	44.77	28.32	32.75
	1.71	1.55	1.40	1.25	1.16	1.13	1.09	1.26	1.46	1.69	1.86	2.08	2.08	2.09	2.40	2.33	2.37	2.84	2.89	2.19	2.13	2.16	2.19	1.88
	-0.01	-0.01	-0.01	-0.01	-0.88	-0.74	-1.35	-1.63	0.00	0.00	-0.01	-13.07	-2.38	-3.67	-2.73	-4.50	-48.37	-42.95	-38.00	-43.66	-13.34	-20.75	-4.05	-9.93
GOWANUS_GT2_2 24115	22.57	21.71	19.80	18.09	17.56	17.55	18.03	18.65	19.89	20.95	22.14	35.96	25.25	26.63	27.79	29.23	73.35	73.60	70.08	69.38	38.83	44.77	28.32	32.75
	1.71	1.55	1.40	1.25	1.16	1.13	1.09	1.26	1.46	1.69	1.86	2.08	2.08	2.09	2.40	2.33	2.37	2.84	2.89	2.19	2.13	2.16	2.19	1.88
	-0.01	-0.01	-0.01	-0.01	-0.88	-0.74	-1.35	-1.63	0.00	0.00	-0.01	-13.07	-2.38	-3.67	-2.73	-4.50	-48.37	-42.95	-38.00	-43.66	-13.34	-20.75	-4.05	-9.93
GOWANUS_GT2_3 24116	22.57	21.71	19.80	18.09	17.56	17.55	18.03	18.65	19.89	20.95	22.14	35.96	25.25	26.63	27.79	29.23	73.35	73.60	70.08	69.38	38.83	44.77	28.32	32.75
	1.71	1.55	1.40	1.25	1.16	1.13	1.09	1.26	1.46	1.69	1.86	2.08	2.08	2.09	2.40	2.33	2.37	2.84	2.89	2.19	2.13	2.16	2.19	1.88
	-0.01	-0.01	-0.01	-0.01	-0.88	-0.74	-1.35	-1.63	0.00	0.00	-0.01	-13.07	-2.38	-3.67	-2.73	-4.50	-48.37	-42.95	-38.00	-43.66	-13.34	-20.75	-4.05	-9.93
GOWANUS_GT2_4 24117	22.57	21.71	19.80	18.09	17.56	17.55	18.03	18.65	19.89	20.95	22.14	35.96	25.25	26.63	27.79	29.23	73.35	73.60	70.08	69.38	38.83	44.77	28.32	32.75
	1.71	1.55	1.40	1.25	1.16	1.13	1.09	1.26	1.46	1.69	1.86	2.08	2.08	2.09	2.40	2.33	2.37	2.84	2.89	2.19	2.13	2.16	2.19	1.88
	-0.01	-0.01	-0.01	-0.01	-0.88	-0.74	-1.35	-1.63	0.00	0.00	-0.01	-13.07	-2.38	-3.67	-2.73	-4.50	-48.37	-42.95	-38.00	-43.66	-13.34	-20.75	-4.05	-9.93
GOWANUS_GT2_5 24118	22.57	21.71	19.80	18.09	17.56	17.55	18.03	18.65	19.89	20.95	22.14	35.96	25.25	26.63	27.79	29.23	73.35	73.60	70.08	69.38	38.83	44.77	28.32	32.75
	1.71	1.55	1.40	1.25	1.16	1.13	1.09	1.26	1.46	1.69	1.86	2.08	2.08	2.09	2.40	2.33	2.37	2.84	2.89	2.19	2.13	2.16	2.19	1.88
	-0.01	-0.01	-0.01	-0.01	-0.88	-0.74	-1.35	-1.63	0.00	0.00	-0.01	-13.07	-2.38	-3.67	-2.73	-4.50	-48.37	-42.95	-38.00	-43.66	-13.34	-20.75	-4.05	-9.93
GOWANUS_GT2_6 24119	22.57	21.71	19.80	18.09	17.56	17.55	18.03	18.65	19.89	20.95	22.14	35.96	25.25	26.63	27.79	29.23	73.35	73.60	70.08	69.38	38.83	44.77	28.32	32.75
	1.71	1.55	1.40	1.25	1.16	1.13	1.09	1.26	1.46	1.69	1.86	2.08	2.08	2.09	2.40	2.33	2.37	2.84	2.89	2.19	2.13	2.16	2.19	1.88
	-0.01	-0.01	-0.01	-0.01	-0.88	-0.74	-1.35	-1.63	0.00	0.00	-0.01	-13.07	-2.38	-3.67	-2.73	-4.50	-48.37	-42.95	-38.00	-43.66	-13.34	-20.75	-4.05	-9.93
GOWANUS_GT2_7 24120	22.57	21.71	19.80	18.09	17.56	17.55	18.03	18.65	19.89	20.95	22.14	35.96	25.25	26.63	27.79	29.23	73.35	73.60	70.08	69.38	38.83	44.77	28.32	32.75
	1.71	1.55	1.40	1.25	1.16	1.13	1.09	1.26	1.46	1.69	1.86	2.08	2.08	2.09	2.40	2.33	2.37	2.84	2.89	2.19	2.13	2.16	2.19	1.88
	-0.01	-0.01	-0.01	-0.01	-0.88	-0.74	-1.35	-1.63	0.00	0.00	-0.01	-13.07	-2.38	-3.67	-2.73	-4.50	-48.37	-42.95	-38.00	-43.66	-13.34	-20.75	-4.05	-9.93
GOWANUS_GT2_8 24121	22.57	21.71	19.80	18.09	17.56	17.55	18.03	18.65	19.89	20.95	22.14	35.96	25.25	26.63	27.79	29.23	73.35	73.60	70.08	69.38	38.83	44.77	28.32	32.75
	1.71	1.55	1.40	1.25	1.16	1.13	1.09	1.26	1.46	1.69	1.86	2.08	2.08	2.09	2.40	2.33	2.37	2.84	2.89	2.19	2.13	2.16	2.19	1.88
	-0.01	-0.01	-0.01	-0.01	-0.88	-0.74	-1.35	-1.63	0.00	0.00	-0.01	-13.07	-2.38	-3.67	-2.73	-4.50	-48.37	-42.95	-38.00	-43.66	-13.34	-20.75	-4.05	-9.93
GOWANUS_GT3_1 24122	22.57	21.71	19.80	18.09	17.56	17.55	18.03	18.65	19.89	20.95	22.14	35.96	25.25	26.63	27.79	29.23	73.35	73.60	70.08	69.38	38.83	44.77	28.32	32.75
	1.71	1.55	1.40	1.25	1.16	1.13	1.09	1.26	1.46	1.69	1.86	2.08	2.08	2.09	2.40	2.33	2.37	2.84	2.89	2.19	2.13	2.16	2.19	1.88
	-0.01	-0.01	-0.01	-0.01	-0.88	-0.74	-1.35	-1.63	0.00	0.00	-0.01	-13.07	-2.38	-3.67	-2.73	-4.50	-48.37	-42.95	-38.00	-43.66	-13.34	-20.75	-4.05	-9.93

GOWANUS_GT3_2 24123	22.57	21.71	19.80	18.09	17.56	17.55	18.03	18.65	19.89	20.95	22.14	35.96	25.25	26.63	27.79	29.23	73.35	73.60	70.08	69.38	38.83	44.77	28.32	32.75
	1.71	1.55	1.40	1.25	1.16	1.13	1.09	1.26	1.46	1.69	1.86	2.08	2.08	2.09	2.40	2.33	2.37	2.84	2.89	2.19	2.13	2.16	2.19	1.88
	-0.01	-0.01	-0.01	-0.01	-0.88	-0.74	-1.35	-1.63	0.00	0.00	-0.01	-13.07	-2.38	-3.67	-2.73	-4.50	-48.37	-42.95	-38.00	-43.66	-13.34	-20.75	-4.05	-9.93
GOWANUS_GT3_3 24124	22.57	21.71	19.80	18.09	17.56	17.55	18.03	18.65	19.89	20.95	22.14	35.96	25.25	26.63	27.79	29.23	73.35	73.60	70.08	69.38	38.83	44.77	28.32	32.75
	1.71	1.55	1.40	1.25	1.16	1.13	1.09	1.26	1.46	1.69	1.86	2.08	2.08	2.09	2.40	2.33	2.37	2.84	2.89	2.19	2.13	2.16	2.19	1.88
	-0.01	-0.01	-0.01	-0.01	-0.88	-0.74	-1.35	-1.63	0.00	0.00	-0.01	-13.07	-2.38	-3.67	-2.73	-4.50	-48.37	-42.95	-38.00	-43.66	-13.34	-20.75	-4.05	-9.93
GOWANUS_GT3_4 24125	22.57	21.71	19.80	18.09	17.56	17.55	18.03	18.65	19.89	20.95	22.14	35.96	25.25	26.63	27.79	29.23	73.35	73.60	70.08	69.38	38.83	44.77	28.32	32.75
	1.71	1.55	1.40	1.25	1.16	1.13	1.09	1.26	1.46	1.69	1.86	2.08	2.08	2.09	2.40	2.33	2.37	2.84	2.89	2.19	2.13	2.16	2.19	1.88
	-0.01	-0.01	-0.01	-0.01	-0.88	-0.74	-1.35	-1.63	0.00	0.00	-0.01	-13.07	-2.38	-3.67	-2.73	-4.50	-48.37	-42.95	-38.00	-43.66	-13.34	-20.75	-4.05	-9.93
GOWANUS_GT3_5 24126	22.57	21.71	19.80	18.09	17.56	17.55	18.03	18.65	19.89	20.95	22.14	35.96	25.25	26.63	27.79	29.23	73.35	73.60	70.08	69.38	38.83	44.77	28.32	32.75
	1.71	1.55	1.40	1.25	1.16	1.13	1.09	1.26	1.46	1.69	1.86	2.08	2.08	2.09	2.40	2.33	2.37	2.84	2.89	2.19	2.13	2.16	2.19	1.88
	-0.01	-0.01	-0.01	-0.01	-0.88	-0.74	-1.35	-1.63	0.00	0.00	-0.01	-13.07	-2.38	-3.67	-2.73	-4.50	-48.37	-42.95	-38.00	-43.66	-13.34	-20.75	-4.05	-9.93
GOWANUS_GT3_6 24127	22.57	21.71	19.80	18.09	17.56	17.55	18.03	18.65	19.89	20.95	22.14	35.96	25.25	26.63	27.79	29.23	73.35	73.60	70.08	69.38	38.83	44.77	28.32	32.75
	1.71	1.55	1.40	1.25	1.16	1.13	1.09	1.26	1.46	1.69	1.86	2.08	2.08	2.09	2.40	2.33	2.37	2.84	2.89	2.19	2.13	2.16	2.19	1.88
	-0.01	-0.01	-0.01	-0.01	-0.88	-0.74	-1.35	-1.63	0.00	0.00	-0.01	-13.07	-2.38	-3.67	-2.73	-4.50	-48.37	-42.95	-38.00	-43.66	-13.34	-20.75	-4.05	-9.93
GOWANUS_GT3_7 24128	22.57	21.71	19.80	18.09	17.56	17.55	18.03	18.65	19.89	20.95	22.14	35.96	25.25	26.63	27.79	29.23	73.35	73.60	70.08	69.38	38.83	44.77	28.32	32.75
	1.71	1.55	1.40	1.25	1.16	1.13	1.09	1.26	1.46	1.69	1.86	2.08	2.08	2.09	2.40	2.33	2.37	2.84	2.89	2.19	2.13	2.16	2.19	1.88
	-0.01	-0.01	-0.01	-0.01	-0.88	-0.74	-1.35	-1.63	0.00	0.00	-0.01	-13.07	-2.38	-3.67	-2.73	-4.50	-48.37	-42.95	-38.00	-43.66	-13.34	-20.75	-4.05	-9.93
GOWANUS_GT3_8 24129	22.57	21.71	19.80	18.09	17.56	17.55	18.03	18.65	19.89	20.95	22.14	35.96	25.25	26.63	27.79	29.23	73.35	73.60	70.08	69.38	38.83	44.77	28.32	32.75
	1.71	1.55	1.40	1.25	1.16	1.13	1.09	1.26	1.46	1.69	1.86	2.08	2.08	2.09	2.40	2.33	2.37	2.84	2.89	2.19	2.13	2.16	2.19	1.88
	-0.01	-0.01	-0.01	-0.01	-0.88	-0.74	-1.35	-1.63	0.00	0.00	-0.01	-13.07	-2.38	-3.67	-2.73	-4.50	-48.37	-42.95	-38.00	-43.66	-13.34	-20.75	-4.05	-9.93
GOWANUS_GT4_1 24130	22.61	21.71	19.80	18.09	17.56	17.55	18.03	18.65	19.89	20.95	22.14	35.96	25.25	26.61	27.79	29.23	73.35	73.60	70.08	69.37	38.83	44.75	28.34	32.64
	1.75	1.55	1.40	1.25	1.16	1.13	1.09	1.26	1.46	1.69	1.86	2.08	2.08	2.07	2.40	2.33	2.37	2.84	2.89	2.19	2.13	2.14	2.21	1.78
	-0.01	-0.01	-0.01	-0.01	-0.88	-0.74	-1.35	-1.63	0.00	0.00	-0.01	-13.07	-2.38	-3.67	-2.73	-4.50	-48.37	-42.95	-38.00	-43.66	-13.34	-20.75	-4.05	-9.93
GOWANUS_GT4_2 24131	22.61	21.71	19.80	18.09	17.56	17.55	18.03	18.65	19.89	20.95	22.14	35.96	25.25	26.61	27.79	29.23	73.35	73.60	70.08	69.37	38.83	44.75	28.34	32.64
	1.75	1.55	1.40	1.25	1.16	1.13	1.09	1.26	1.46	1.69	1.86	2.08	2.08	2.07	2.40	2.33	2.37	2.84	2.89	2.19	2.13	2.14	2.21	1.78
	-0.01	-0.01	-0.01	-0.01	-0.88	-0.74	-1.35	-1.63	0.00	0.00	-0.01	-13.07	-2.38	-3.67	-2.73	-4.50	-48.37	-42.95	-38.00	-43.66	-13.34	-20.75	-4.05	-9.93
GOWANUS_GT4_3 24132	22.61	21.71	19.80	18.09	17.56	17.55	18.03	18.65	19.89	20.95	22.14	35.96	25.25	26.61	27.79	29.23	73.35	73.60	70.08	69.37	38.83	44.75	28.34	32.64
	1.75	1.55	1.40	1.25	1.16	1.13	1.09	1.26	1.46	1.69	1.86	2.08	2.08	2.07	2.40	2.33	2.37	2.84	2.89	2.19	2.13	2.14	2.21	1.78
	-0.01	-0.01	-0.01	-0.01	-0.88	-0.74	-1.35	-1.63	0.00	0.00	-0.01	-13.07	-2.38	-3.67	-2.73	-4.50	-48.37	-42.95	-38.00	-43.66	-13.34	-20.75	-4.05	-9.93
GOWANUS_GT4_4 24133	22.61	21.71	19.80	18.09	17.56	17.55	18.03	18.65	19.89	20.95	22.14	35.96	25.25	26.61	27.79	29.23	73.35	73.60	70.08	69.37	38.83	44.75	28.34	32.64
	1.75	1.55	1.40	1.25	1.16	1.13	1.09	1.26	1.46	1.69	1.86	2.08	2.08	2.07	2.40	2.33	2.37	2.84	2.89	2.19	2.13	2.14	2.21	1.78
	-0.01	-0.01	-0.01	-0.01	-0.88	-0.74	-1.35	-1.63	0.00	0.00	-0.01	-13.07	-2.38	-3.67	-2.73	-4.50	-48.37	-42.95	-38.00	-43.66	-13.34	-20.75	-4.05	-9.93
GOWANUS_GT4_5 24134	22.61	21.71	19.80	18.09	17.56	17.55	18.03	18.65	19.89	20.95	22.14	35.96	25.25	26.61	27.79	29.23	73.35	73.60	70.08	69.37	38.83	44.75	28.34	32.64
	1.75	1.55	1.40	1.25	1.16	1.13	1.09	1.26	1.46	1.69	1.86	2.08	2.08	2.07	2.40	2.33	2.37	2.84	2.89	2.19	2.13	2.14	2.21	1.78
	-0.01	-0.01	-0.01	-0.01	-0.88	-0.74	-1.35	-1.63	0.00	0.00	-0.01	-13.07	-2.38	-3.67	-2.73	-4.50	-48.37	-42.95	-38.00	-43.66	-13.34	-20.75	-4.05	-9.93
GOWANUS_GT4_6 24135	22.61	21.71	19.80	18.09	17.56	17.55	18.03	18.65	19.89	20.95	22.14	35.96	25.25	26.61	27.79	29.23	73.35	73.60	70.08	69.37	38.83	44.75	28.34	32.64
	1.75	1.55	1.40	1.25	1.16	1.13	1.09	1.26	1.46	1.69	1.86	2.08	2.08	2.07	2.40	2.33	2.37	2.84	2.89	2.19	2.13	2.14	2.21	1.78
	-0.01	-0.01	-0.01	-0.01	-0.88	-0.74	-1.35	-1.63	0.00	0.00	-0.01	-13.07	-2.38	-3.67	-2.73	-4.50	-48.37	-42.95	-38.00	-43.66	-13.34	-20.75	-4.05	-9.93
GOWANUS_GT4_7 24136	22.61	21.71	19.80	18.09	17.56	17.55	18.03	18.65	19.89	20.95	22.14	35.96	25.25	26.61	27.79	29.23	73.35	73.60	70.08	69.37	38.83	44.75	28.34	32.64
	1.75	1.55	1.40	1.25	1.16	1.13	1.09	1.26	1.46	1.69	1.86	2.08	2.08	2.07	2.40	2.33	2.37	2.84	2.89	2.19	2.13	2.14	2.21	1.78
	-0.01	-0.01	-0.01	-0.01	-0.88	-0.74	-1.35	-1.63	0.00	0.00	-0.01	-13.07	-2.38	-3.67	-2.73	-4.50	-48.37	-42.95	-38.00	-43.66	-13.34	-20.75	-4.05	-9.93
GOWANUS_GT4_8 24137	22.61	21.71	19.80	18.09	17.56	17.55	18.03	18.65	19.89	20.95	22.14	35.96	25.25	26.61	27.79	29.23	73.35	73.60	70.08	69.37	38.83	44.75	28.34	32.64
	1.75	1.55	1.40	1.25	1.16	1.13	1.09	1.26	1.46	1.69	1.86	2.08	2.08	2.07	2.40	2.33	2.37	2.84	2.89	2.19	2.13	2.14	2.21	1.78
	-0.01	-0.01	-0.01	-0.01	-0.88	-0.74	-1.35	-1.63	0.00	0.00	-0.01	-13.07	-2.38	-3.67	-2.73	-4.50	-48.37	-42.95	-38.00	-43.66	-13.34	-20.75	-4.05	-9.93

GREENBSH_115KV_TB3 55895	21.43 0.58 0.00	20.63 0.48 0.00	18.82 0.42 0.00	17.30 0.47 0.00	17.06 0.42 -1.13	17.08 0.44 -0.95	17.75 0.42 -1.74	18.26 0.39 -2.10	18.95 0.52 0.00	19.76 0.50 0.00	20.75 0.49 0.00	22.10 0.65 -0.65	24.53 0.67 -3.07	26.25 0.67 -4.71	26.92 0.75 -3.51	28.92 0.76 -5.75	35.24 0.75 -11.89	40.87 0.92 -12.14	43.10 0.96 -12.95	37.43 0.80 -13.10	34.00 0.79 -9.84	32.85 0.74 -10.24	28.05 0.75 -5.22	26.99 0.54 -5.51
GREENDGE_115KV_TB5 80291	21.06 0.21 0.00	20.21 0.06 0.00	18.38 -0.02 0.00	16.73 -0.10 0.00	15.52 -0.16 -0.16	15.70 -0.13 -0.13	15.76 -0.08 -0.25	15.92 -0.14 -0.30	18.22 -0.22 0.00	19.02 -0.23 0.00	20.04 -0.22 0.00	20.61 -0.29 -0.09	20.97 -0.25 -0.44	21.35 -0.19 -0.67	23.21 0.05 -0.50	23.29 0.07 -0.82	24.31 0.02 -1.69	33.96 -0.14 -6.29	35.88 -0.03 -6.72	25.53 0.14 -1.86	24.97 0.21 -1.40	23.56 0.24 -1.45	23.13 0.31 -0.74	21.86 0.15 -0.78
GREENIDGE___3 23582	21.06 0.21 0.00	20.21 0.06 0.00	18.38 -0.02 0.00	16.73 -0.10 0.00	15.52 -0.16 -0.16	15.70 -0.13 -0.13	15.76 -0.08 -0.25	15.92 -0.14 -0.30	18.22 -0.22 0.00	19.02 -0.23 0.00	20.04 -0.22 0.00	20.61 -0.29 -0.09	20.97 -0.25 -0.44	21.35 -0.19 -0.67	23.21 0.05 -0.50	23.29 0.07 -0.82	24.31 0.02 -1.69	33.96 -0.14 -6.29	35.88 -0.03 -6.72	25.53 0.14 -1.86	24.97 0.21 -1.40	23.56 0.24 -1.45	23.13 0.31 -0.74	21.86 0.15 -0.78
GREENIDGE___4 23583	21.04 0.19 0.00	20.21 0.06 0.00	18.38 -0.02 0.00	16.73 -0.10 0.00	15.52 -0.16 -0.16	15.70 -0.13 -0.13	15.76 -0.08 -0.25	15.92 -0.14 -0.30	18.24 -0.20 0.00	19.02 -0.23 0.00	20.04 -0.22 0.00	20.63 -0.27 -0.09	20.98 -0.25 -0.44	21.48 -0.06 -0.67	23.21 0.05 -0.50	23.29 0.07 -0.82	24.31 0.02 -1.69	33.96 -0.14 -6.29	35.88 -0.03 -6.72	25.53 0.14 -1.86	24.97 0.21 -1.40	23.56 0.24 -1.45	23.11 0.29 -0.74	21.95 0.23 -0.78
GREENLWN_69_KV_BK 3 55738	34.55 1.98 -11.72	27.80 1.77 -5.88	24.93 1.62 -4.91	23.12 1.48 -4.81	18.97 1.38 -2.08	18.96 1.38 -1.89	20.00 1.37 -3.03	20.52 1.48 -3.28	26.19 1.79 -5.96	29.65 1.96 -8.43	33.12 2.13 -10.73	33.71 2.33 -10.57	46.45 2.31 -23.36	48.44 2.32 -25.25	56.44 2.63 -31.15	41.77 2.58 -16.79	42.62 2.62 -17.40	60.56 3.17 -29.57	39.23 3.27 -6.77	30.73 2.54 -4.66	44.87 2.48 -19.03	43.72 2.36 -19.49	32.65 2.49 -8.08	32.96 2.09 -9.93
GREENWD_138_KV_38B11_REV_LBMP_J 345004	22.61 1.75 -0.01	21.71 1.55 -0.01	19.80 1.40 -0.01	18.09 1.25 -0.01	17.56 1.16 -0.88	17.55 1.13 -0.74	18.03 1.09 -1.35	18.65 1.26 -1.63	19.89 1.46 0.00	20.95 1.69 0.00	22.14 1.86 -0.01	35.96 2.08 -13.07	25.25 2.08 -2.38	26.61 2.07 -3.67	27.79 2.40 -2.73	29.23 2.33 -4.50	73.35 2.37 -48.37	73.60 2.84 -42.95	70.08 2.89 -38.00	69.37 2.19 -43.66	38.83 2.13 -13.34	44.75 2.14 -20.75	28.34 2.21 -4.05	32.64 1.78 -9.93
GRISSOM___SOLAR 323813	22.93 2.08 0.00	22.10 1.95 0.00	20.09 1.69 0.00	18.21 1.38 0.00	18.17 1.32 -1.34	18.16 1.35 -1.13	19.18 1.53 -2.06	19.80 1.55 -2.49	20.34 1.90 0.00	21.20 1.94 0.00	22.31 2.05 0.00	23.87 2.29 -0.77	26.74 2.31 -3.65	28.81 2.36 -5.58	29.50 2.67 -4.16	32.05 2.82 -6.82	39.59 2.89 -14.10	45.85 3.64 -14.39	48.72 4.17 -15.36	42.46 3.39 -15.54	38.51 3.48 -11.67	37.01 3.00 -12.15	31.34 3.07 -6.19	30.10 2.64 -6.53
GROVEVILLE___HYD 323602	22.29 1.44 0.00	21.40 1.25 0.00	19.52 1.12 0.00	17.86 1.03 0.00	17.28 0.88 -0.88	17.27 0.85 -0.74	17.79 0.84 -1.35	18.31 0.91 -1.64	19.58 1.14 0.00	20.49 1.23 0.00	21.58 1.32 0.00	22.88 1.56 -0.51	24.76 1.58 -2.39	26.10 1.57 -3.67	27.19 1.79 -2.73	28.67 1.79 -4.48	33.69 1.83 -9.26	39.52 2.25 -9.45	41.61 2.34 -10.08	35.54 1.81 -10.20	32.78 1.75 -7.66	31.61 1.77 -7.98	27.89 1.74 -4.06	26.65 1.42 -4.29
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	20.83 -0.02 0.00	20.11 -0.04 0.00	18.32 -0.07 0.00	16.75 -0.08 0.00	15.52 -0.08 -0.09	15.70 -0.06 -0.07	15.69 -0.03 -0.13	15.89 -0.03 -0.16	18.36 -0.07 0.00	19.20 -0.06 0.00	20.24 -0.02 0.00	20.75 -0.10 -0.05	20.92 -0.10 -0.23	21.19 -0.04 -0.36	23.00 0.07 -0.27	22.88 0.04 -0.44	23.55 0.05 -0.90	28.82 0.08 -0.92	30.29 0.12 -0.98	24.55 0.02 -1.00	24.15 0.05 -0.75	22.68 0.04 -0.78	22.52 0.04 -0.40	21.35 0.00 -0.42
HAMLTNNY_34_KV_TB 80303	20.89 0.04 0.00	20.13 -0.02 0.00	18.34 -0.06 0.00	16.78 -0.05 0.00	15.57 -0.03 -0.09	15.75 -0.02 -0.08	15.72 -0.02 -0.14	15.90 -0.03 -0.17	18.38 -0.06 0.00	19.20 -0.06 0.00	20.26 0.00 0.00	20.78 -0.08 -0.05	20.97 -0.06 -0.25	21.25 0.00 -0.38	23.06 0.11 -0.28	22.98 0.11 -0.46	23.65 0.09 -0.96	28.93 0.14 -0.98	30.38 0.15 -1.04	24.65 0.07 -1.06	24.25 0.09 -0.79	22.78 0.09 -0.83	22.61 0.11 -0.42	21.44 0.06 -0.44
HAMPSHIRE___PAPER_HYD 323593	19.97 -0.87 0.00	19.32 -0.83 0.00	17.72 -0.68 0.00	16.24 -0.59 0.00	14.99 -0.54 -0.02	15.17 -0.53 -0.02	15.07 -0.56 -0.04	15.27 -0.54 -0.04	17.72 -0.72 0.00	18.46 -0.79 0.00	19.33 -0.93 0.00	19.86 -0.96 -0.01	19.87 -0.98 -0.06	19.95 -1.02 -0.10	21.62 -1.11 -0.07	21.53 -0.99 -0.12	21.92 -0.93 -0.24	27.03 -1.03 -0.25	28.49 -0.96 -0.26	23.09 -0.71 -0.27	22.83 -0.72 -0.20	21.33 -0.74 -0.21	21.19 -0.99 -0.11	20.17 -0.88 -0.11
HARDSCRABBLE_WT_PWR 323673	20.87 0.02 0.00	20.13 -0.02 0.00	18.38 -0.02 0.00	16.75 -0.08 0.00	15.42 -0.09 0.00	15.58 -0.11 0.00	15.48 -0.11 0.00	15.60 -0.16 0.00	18.24 -0.20 0.00	19.06 -0.19 0.00	20.14 -0.12 0.00	20.70 -0.10 0.00	20.68 -0.10 0.00	20.79 -0.08 0.00	22.59 -0.07 0.00	22.33 -0.07 0.00	22.56 -0.05 0.00	27.84 0.03 0.00	29.25 0.06 0.00	23.57 0.05 0.00	23.38 0.02 0.00	21.88 0.02 0.00	22.06 -0.02 0.00	20.91 -0.02 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	22.16 1.31 0.00	21.25 1.11 0.00	19.41 1.01 0.00	17.72 0.89 0.00	17.09 0.78 -0.81	17.10 0.74 -0.68	17.61 0.78 -1.24	18.11 0.85 -1.50	19.51 1.07 0.00	20.43 1.17 0.00	21.52 1.26 0.00	22.73 1.46 -0.46	24.44 1.46 -2.20	25.69 1.46 -3.36	26.85 1.68 -2.51	28.17 1.66 -4.11	32.79 1.70 -8.49	38.57 2.09 -8.67	40.57 2.13 -9.25	34.53 1.65 -9.36	31.98 1.59 -7.03	30.77 1.60 -7.31	27.39 1.59 -3.73	26.15 1.28 -3.93
HARSNRAD_115KV_TB1 81005	20.43 -0.42 0.00	19.56 -0.58 0.00	17.81 -0.59 0.00	16.23 -0.61 0.00	15.00 -0.64 -0.12	15.18 -0.61 -0.10	15.07 -0.72 -0.19	15.02 -0.98 -0.23	17.13 -1.31 0.00	17.93 -1.33 0.00	18.83 -1.44 0.00	19.38 -1.50 -0.07	19.73 -1.39 -0.34	19.99 -1.40 -0.52	21.94 -1.11 -0.39	21.96 -1.08 -0.64	22.60 -1.31 -1.31	25.16 -1.59 1.07	26.35 -1.69 1.15	23.61 -1.36 -1.45	23.21 -1.24 -1.09	22.14 -0.85 -1.13	22.15 -0.51 -0.58	20.94 -0.61 -0.61
HARZA MOOSE___RIVER 24016	20.89 0.04 0.00	20.13 -0.02 0.00	18.40 0.00 0.00	16.80 -0.03 0.00	15.51 -0.03 -0.03	15.71 0.00 -0.02	15.64 0.00 -0.05	15.80 -0.02 -0.05	18.33 -0.11 0.00	19.10 -0.15 0.00	20.10 -0.16 0.00	20.66 -0.17 -0.02	20.70 -0.17 -0.08	20.85 -0.15 -0.12	22.71 -0.05 -0.09	22.62 0.07 -0.15	23.00 0.09 -0.31	28.41 0.28 -0.32	29.94 0.41 -0.34	24.20 0.33 -0.34	23.92 0.30 -0.26	22.39 0.26 -0.27	22.24 0.02 -0.14	21.12 0.04 -0.14

HDSNBRDG_115KV_BRDG_TB1 355580	20.70 -0.15 0.00	19.96 -0.18 0.00	18.21 -0.18 0.00	16.65 -0.19 0.00	15.43 -0.16 -0.08	15.60 -0.16 -0.07	15.57 -0.14 -0.12	15.75 -0.16 -0.14	18.24 -0.20 0.00	19.04 -0.21 0.00	20.08 -0.18 0.00	20.58 -0.27 -0.04	20.73 -0.27 -0.21	20.97 -0.23 -0.32	22.79 -0.11 -0.24	22.66 -0.13 -0.40	23.26 -0.16 -0.82	28.48 -0.17 -0.83	29.94 -0.15 -0.89	24.24 -0.19 -0.90	23.90 -0.14 -0.68	22.43 -0.13 -0.70	22.33 -0.11 -0.36	21.17 -0.15 -0.38
HELLGATE_13_KV_LD 55870	22.50 1.65 -0.01	21.60 1.45 -0.01	19.69 1.29 -0.01	18.02 1.18 -0.01	17.50 1.10 -0.88	17.53 1.10 -0.74	18.02 1.08 -1.35	18.64 1.25 -1.63	19.86 1.42 0.00	20.89 1.64 0.00	22.08 1.80 -0.01	23.32 2.00 -0.51	25.17 2.00 -2.38	26.53 2.00 -3.65	27.70 2.31 -2.73	29.13 2.26 -4.46	34.11 2.28 -9.22	39.95 2.73 -9.41	42.01 2.77 -10.04	35.80 2.12 -10.16	33.02 2.03 -7.63	31.89 2.08 -7.95	28.25 2.12 -4.05	26.93 1.72 -4.27
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	22.50 1.65 -0.01	21.60 1.45 -0.01	19.69 1.29 -0.01	18.02 1.18 -0.01	17.50 1.10 -0.88	17.53 1.10 -0.74	18.02 1.08 -1.35	18.64 1.25 -1.63	19.86 1.42 0.00	20.89 1.64 0.00	22.08 1.80 -0.01	23.32 2.00 -0.51	25.17 2.00 -2.38	26.53 2.00 -3.65	27.70 2.31 -2.73	29.13 2.26 -4.46	34.11 2.28 -9.22	39.95 2.73 -9.41	42.01 2.77 -10.04	35.80 2.12 -10.16	33.02 2.03 -7.63	31.89 2.08 -7.95	28.25 2.12 -4.05	26.93 1.72 -4.27
HEMPSTEAD____ 23647	34.30 1.73 -11.72	27.62 1.59 -5.88	24.77 1.45 -4.91	22.97 1.33 -4.81	18.83 1.24 -2.08	18.82 1.24 -1.89	19.86 1.23 -3.03	20.38 1.34 -3.28	26.02 1.62 -5.96	29.46 1.77 -8.43	32.87 1.86 -10.75	34.06 2.08 -11.17	46.21 2.06 -23.36	48.57 2.07 -25.64	56.15 2.33 -31.15	53.45 2.29 -28.76	54.73 2.33 -29.79	70.57 2.84 -39.92	51.69 2.89 -19.61	43.53 2.26 -17.74	53.14 2.20 -27.58	43.50 2.14 -19.49	33.80 2.21 -9.51	33.50 1.95 -10.62
HEWLETT__69_KV_BK3 55828	34.63 2.06 -11.72	27.88 1.85 -5.88	24.99 1.67 -4.91	23.16 1.51 -4.81	18.99 1.40 -2.08	18.98 1.40 -1.89	20.04 1.42 -3.03	20.57 1.53 -3.28	26.24 1.84 -5.96	29.65 1.96 -8.43	33.08 2.07 -10.75	34.24 2.29 -11.14	46.45 2.31 -23.36	48.80 2.32 -25.61	56.47 2.65 -31.15	53.06 2.60 -28.06	54.29 2.62 -29.07	70.33 3.20 -39.31	51.35 3.30 -18.86	43.07 2.56 -16.98	52.97 2.52 -27.08	43.78 2.43 -19.49	34.02 2.52 -9.43	33.59 2.07 -10.58
HICKLING___1 23621	21.08 0.23 0.00	20.23 0.08 0.00	18.38 -0.02 0.00	16.78 -0.05 0.00	15.53 -0.19 -0.20	15.70 -0.16 -0.17	15.72 -0.19 -0.31	15.86 -0.28 -0.38	18.12 -0.31 0.00	18.95 -0.31 0.00	19.94 -0.32 0.00	20.47 -0.46 -0.12	20.95 -0.39 -0.55	21.37 -0.35 -0.85	23.21 -0.09 -0.63	23.35 -0.09 -1.04	24.59 -0.16 -2.15	31.55 -0.11 -3.85	33.21 -0.09 -4.11	25.80 -0.09 -2.37	25.14 0.00 -1.78	23.78 0.07 -1.85	23.22 0.20 -0.94	21.93 0.00 -0.99
HICKLING___2 23622	21.08 0.23 0.00	20.23 0.08 0.00	18.38 -0.02 0.00	16.78 -0.05 0.00	15.53 -0.19 -0.20	15.70 -0.16 -0.17	15.72 -0.19 -0.31	15.86 -0.28 -0.38	18.12 -0.31 0.00	18.95 -0.31 0.00	19.94 -0.32 0.00	20.47 -0.46 -0.12	20.95 -0.39 -0.55	21.37 -0.35 -0.85	23.21 -0.09 -0.63	23.35 -0.09 -1.04	24.59 -0.16 -2.15	31.55 -0.11 -3.85	33.21 -0.09 -4.11	25.80 -0.09 -2.37	25.14 0.00 -1.78	23.78 0.07 -1.85	23.22 0.20 -0.94	21.93 0.00 -0.99
HIGH FALLS___HY 23754	22.25 1.40 0.00	21.31 1.17 0.00	19.47 1.07 0.00	17.72 0.89 0.00	17.12 0.74 -0.87	17.11 0.69 -0.73	17.63 0.70 -1.34	18.18 0.80 -1.62	19.43 1.00 0.00	20.35 1.10 0.00	21.48 1.22 0.00	22.72 1.41 -0.50	24.56 1.41 -2.36	25.91 1.42 -3.61	26.99 1.63 -2.70	28.45 1.64 -4.42	33.45 1.72 -9.13	39.25 2.11 -9.32	41.29 2.16 -9.94	35.26 1.67 -10.06	32.50 1.59 -7.56	31.41 1.68 -7.86	27.72 1.63 -4.01	26.48 1.32 -4.23
HILLBURN___GT 23639	22.12 1.27 0.00	21.29 1.15 0.00	19.43 1.03 0.00	17.71 0.87 0.00	17.14 0.81 -0.82	17.18 0.80 -0.69	17.71 0.86 -1.27	18.24 0.95 -1.53	19.62 1.18 0.00	20.54 1.29 0.00	21.66 1.40 0.00	22.88 1.60 -0.47	24.60 1.58 -2.24	25.90 1.61 -3.42	27.05 1.83 -2.55	28.38 1.79 -4.19	33.08 1.83 -8.65	38.87 2.23 -8.83	40.86 2.25 -9.42	34.80 1.74 -9.53	32.20 1.68 -7.16	30.97 1.66 -7.45	27.53 1.66 -3.80	26.34 1.40 -4.01
HILLSIDE_115KV_TB1 80332	20.81 -0.04 0.00	19.96 -0.18 0.00	18.18 -0.22 0.00	16.56 -0.27 0.00	15.34 -0.39 -0.21	15.49 -0.38 -0.18	15.56 -0.36 -0.32	15.70 -0.46 -0.39	17.96 -0.48 0.00	18.75 -0.50 0.00	19.76 -0.51 0.00	20.26 -0.67 -0.12	20.74 -0.62 -0.57	21.19 -0.56 -0.88	22.95 -0.36 -0.66	23.12 -0.36 -1.07	24.39 -0.43 -2.22	30.84 -0.50 -3.52	32.43 -0.53 -3.76	25.55 -0.42 -2.45	24.85 -0.35 -1.84	23.53 -0.24 -1.91	22.94 -0.11 -0.97	21.67 -0.29 -1.03
HISHELDN_WT_PWR 323625	20.64 -0.21 0.00	19.74 -0.40 0.00	17.98 -0.42 0.00	16.33 -0.50 0.00	15.02 -0.64 -0.15	15.18 -0.63 -0.12	15.12 -0.70 -0.23	15.07 -0.96 -0.27	17.26 -1.18 0.00	18.02 -1.23 0.00	18.95 -1.32 0.00	19.48 -1.42 -0.08	19.80 -1.39 -0.40	20.36 -1.13 -0.61	21.99 -1.13 -0.46	22.10 -1.05 -0.75	22.93 -1.22 -1.55	19.33 -1.58 6.90	20.24 -1.58 7.38	24.08 -1.15 -1.71	23.64 -1.00 -1.28	22.47 -0.72 -1.33	22.34 -0.42 -0.68	21.17 -0.48 -0.72
HOLTSVILLE_IC_1 23690	34.86 2.29 -11.72	28.14 2.11 -5.88	25.24 1.93 -4.91	23.44 1.80 -4.81	19.28 1.69 -2.08	19.28 1.69 -1.89	20.28 1.65 -3.03	20.77 1.73 -3.28	26.45 2.05 -5.96	29.94 2.25 -8.43	33.42 2.33 -10.83	38.27 2.50 -14.96	46.60 2.45 -23.36	51.37 2.44 -28.05	56.54 2.72 -31.16	129.39 2.69 -104.30	133.30 2.71 -107.98	136.37 3.31 -105.24	133.24 3.41 -100.63	126.49 2.68 -100.29	107.53 2.62 -81.55	43.91 2.56 -19.49	43.30 2.71 -18.51	38.31 2.43 -14.94
HOLTSVILLE_IC_10 23699	35.01 2.44 -11.72	28.28 2.26 -5.88	25.37 2.06 -4.91	23.58 1.93 -4.81	19.41 1.81 -2.08	19.40 1.82 -1.89	20.37 1.75 -3.03	20.88 1.84 -3.28	26.58 2.17 -5.96	30.07 2.39 -8.43	33.61 2.51 -10.83	38.71 2.69 -15.21	46.79 2.64 -23.36	51.73 2.65 -28.21	56.77 2.94 -31.16	134.62 2.91 -109.31	138.70 2.94 -113.16	140.98 3.59 -109.57	138.90 3.71 -106.00	132.17 2.89 -105.75	111.33 2.85 -85.12	44.11 2.75 -19.49	44.12 2.94 -19.10	38.80 2.64 -15.23
HOLTSVILLE_IC_2 23691	34.86 2.29 -11.72	28.14 2.11 -5.88	25.24 1.93 -4.91	23.44 1.80 -4.81	19.28 1.69 -2.08	19.28 1.69 -1.89	20.28 1.65 -3.03	20.77 1.73 -3.28	26.45 2.05 -5.96	29.94 2.25 -8.43	33.42 2.33 -10.83	38.27 2.50 -14.96	46.60 2.45 -23.36	51.37 2.44 -28.05	56.54 2.72 -31.16	129.39 2.69 -104.30	133.30 2.71 -107.98	136.37 3.31 -105.24	133.24 3.41 -100.63	126.49 2.68 -100.29	107.53 2.62 -81.55	43.91 2.56 -19.49	43.30 2.71 -18.51	38.31 2.43 -14.94
HOLTSVILLE_IC_3 23692	34.86 2.29 -11.72	28.14 2.11 -5.88	25.24 1.93 -4.91	23.44 1.80 -4.81	19.28 1.69 -2.08	19.28 1.69 -1.89	20.28 1.65 -3.03	20.77 1.73 -3.28	26.45 2.05 -5.96	29.94 2.25 -8.43	33.42 2.33 -10.83	38.27 2.50 -14.96	46.60 2.45 -23.36	51.37 2.44 -28.05	56.54 2.72 -31.16	129.39 2.69 -104.30	133.30 2.71 -107.98	136.37 3.31 -105.24	133.24 3.41 -100.63	126.49 2.68 -100.29	107.53 2.62 -81.55	43.91 2.56 -19.49	43.30 2.71 -18.51	38.31 2.43 -14.94

HOLTSVILLE_IC_4 23693	34.86 2.29 -11.72	28.14 2.11 -5.88	25.24 1.93 -4.91	23.44 1.80 -4.81	19.28 1.69 -2.08	19.28 1.69 -1.89	20.28 1.65 -3.03	20.77 1.73 -3.28	26.45 2.05 -5.96	29.94 2.25 -8.43	33.42 2.33 -10.83	38.27 2.50 -14.96	46.60 2.45 -23.36	51.37 2.44 -28.05	56.54 2.72 -31.16	129.39 2.69 -104.30	133.30 2.71 -107.98	136.37 3.31 -105.24	133.24 3.41 -100.63	126.49 2.68 -100.29	107.53 2.62 -81.55	43.91 2.56 -19.49	43.30 2.71 -18.51	38.31 2.43 -14.94
HOLTSVILLE_IC_5 23694	34.86 2.29 -11.72	28.14 2.11 -5.88	25.24 1.93 -4.91	23.44 1.80 -4.81	19.28 1.69 -2.08	19.28 1.69 -1.89	20.28 1.65 -3.03	20.77 1.73 -3.28	26.45 2.05 -5.96	29.94 2.25 -8.43	33.42 2.33 -10.83	38.27 2.50 -14.96	46.60 2.45 -23.36	51.37 2.44 -28.05	56.54 2.72 -31.16	129.39 2.69 -104.30	133.30 2.71 -107.98	136.37 3.31 -105.24	133.24 3.41 -100.63	126.49 2.68 -100.29	107.53 2.62 -81.55	43.91 2.56 -19.49	43.30 2.71 -18.51	38.31 2.43 -14.94
HOLTSVILLE_IC_6 23695	35.01 2.44 -11.72	28.28 2.26 -5.88	25.37 2.06 -4.91	23.58 1.93 -4.81	19.41 1.81 -2.08	19.40 1.82 -1.89	20.37 1.75 -3.03	20.88 1.84 -3.28	26.58 2.17 -5.96	30.07 2.39 -8.43	33.61 2.51 -10.83	38.71 2.69 -15.21	46.79 2.64 -23.36	51.73 2.65 -28.21	56.77 2.94 -31.16	134.62 2.91 -109.31	138.70 2.94 -113.16	140.98 3.59 -109.57	138.90 3.71 -106.00	132.17 2.89 -105.75	111.33 2.85 -85.12	44.11 2.75 -19.49	44.12 2.94 -19.10	38.80 2.64 -15.23
HOLTSVILLE_IC_7 23696	35.01 2.44 -11.72	28.28 2.26 -5.88	25.37 2.06 -4.91	23.58 1.93 -4.81	19.41 1.81 -2.08	19.40 1.82 -1.89	20.37 1.75 -3.03	20.88 1.84 -3.28	26.58 2.17 -5.96	30.07 2.39 -8.43	33.61 2.51 -10.83	38.71 2.69 -15.21	46.79 2.64 -23.36	51.73 2.65 -28.21	56.77 2.94 -31.16	134.62 2.91 -109.31	138.70 2.94 -113.16	140.98 3.59 -109.57	138.90 3.71 -106.00	132.17 2.89 -105.75	111.33 2.85 -85.12	44.11 2.75 -19.49	44.12 2.94 -19.10	38.80 2.64 -15.23
HOLTSVILLE_IC_8 23697	35.01 2.44 -11.72	28.28 2.26 -5.88	25.37 2.06 -4.91	23.58 1.93 -4.81	19.41 1.81 -2.08	19.40 1.82 -1.89	20.37 1.75 -3.03	20.88 1.84 -3.28	26.58 2.17 -5.96	30.07 2.39 -8.43	33.61 2.51 -10.83	38.71 2.69 -15.21	46.79 2.64 -23.36	51.73 2.65 -28.21	56.77 2.94 -31.16	134.62 2.91 -109.31	138.70 2.94 -113.16	140.98 3.59 -109.57	138.90 3.71 -106.00	132.17 2.89 -105.75	111.33 2.85 -85.12	44.11 2.75 -19.49	44.12 2.94 -19.10	38.80 2.64 -15.23
HOLTSVILLE_IC_9 23698	35.01 2.44 -11.72	28.28 2.26 -5.88	25.37 2.06 -4.91	23.58 1.93 -4.81	19.41 1.81 -2.08	19.40 1.82 -1.89	20.37 1.75 -3.03	20.88 1.84 -3.28	26.58 2.17 -5.96	30.07 2.39 -8.43	33.61 2.51 -10.83	38.71 2.69 -15.21	46.79 2.64 -23.36	51.73 2.65 -28.21	56.77 2.94 -31.16	134.62 2.91 -109.31	138.70 2.94 -113.16	140.98 3.59 -109.57	138.90 3.71 -106.00	132.17 2.89 -105.75	111.33 2.85 -85.12	44.11 2.75 -19.49	44.12 2.94 -19.10	38.80 2.64 -15.23
HOMER_HL_115KV_TB2 355744	20.66 -0.19 0.00	19.74 -0.40 0.00	17.98 -0.42 0.00	16.34 -0.49 0.00	14.71 -0.96 -0.16	14.89 -0.93 -0.13	14.85 -0.98 -0.24	14.85 -1.20 -0.29	17.41 -1.03 0.00	18.20 -1.06 0.00	19.13 -1.13 0.00	19.21 -1.69 -0.09	19.59 -1.62 -0.42	19.93 -1.59 -0.65	21.76 -1.38 -0.48	21.91 -1.28 -0.79	22.81 -1.42 -1.63	27.26 -1.67 -1.12	28.49 -1.90 -1.19	23.84 -1.48 -1.80	23.36 -1.35 -1.35	22.20 -1.07 -1.41	22.02 -0.77 -0.72	20.67 -1.03 -0.76
HOWARD_WT_PWR 323690	21.18 0.33 0.00	20.29 0.14 0.00	18.38 -0.02 0.00	16.68 -0.15 0.00	15.36 -0.33 -0.17	15.52 -0.31 -0.14	15.51 -0.34 -0.26	15.56 -0.52 -0.32	17.81 -0.63 0.00	18.56 -0.69 0.00	19.51 -0.75 0.00	20.01 -0.89 -0.10	20.40 -0.85 -0.46	20.96 -0.63 -0.71	22.63 -0.57 -0.53	22.78 -0.49 -0.87	23.81 -0.59 -1.80	38.69 -0.64 -11.52	41.01 -0.50 -12.31	25.20 -0.31 -1.98	24.71 -0.14 -1.49	23.39 -0.02 -1.55	23.00 0.13 -0.79	21.79 0.02 -0.83
HQ_GEN_CEDARS 23644	20.35 -0.50 0.00	19.80 -0.34 0.00	18.23 -0.17 0.00	16.66 -0.17 0.00	15.36 -0.16 0.00	15.53 -0.16 0.00	15.47 -0.12 0.00	15.67 -0.09 0.00	18.33 -0.11 0.00	19.10 -0.15 0.00	19.90 -0.36 0.00	20.43 -0.37 0.00	20.41 -0.37 0.00	20.48 -0.40 0.00	22.05 -0.61 0.00	21.82 -0.58 0.00	22.08 -0.52 0.00	27.15 -0.67 0.00	28.46 -0.73 0.00	23.03 -0.49 0.00	22.85 -0.51 0.00	21.32 -0.55 0.00	21.46 -0.62 0.00	20.56 -0.38 0.00
HQ_GEN_CEDARS_PROXY 323590	20.39 -0.46 0.00	19.80 -0.34 0.00	18.23 -0.17 0.00	16.66 -0.17 0.00	15.36 -0.16 0.00	15.53 -0.16 0.00	15.47 -0.13 0.00	15.67 -0.09 0.00	18.33 -0.11 0.00	19.10 -0.15 0.00	19.90 -0.36 0.00	20.43 -0.37 0.00	20.41 -0.37 0.00	20.41 -0.46 0.00	22.05 -0.61 0.00	21.82 -0.58 0.00	22.08 -0.52 0.00	27.15 -0.67 0.00	28.46 -0.73 0.00	23.03 -0.50 0.00	22.85 -0.51 0.00	21.32 -0.55 0.00	21.46 -0.62 0.00	20.39 -0.54 0.00
HQ_GEN_IMPORT 323601	20.60 -0.25 0.00	19.94 -0.20 0.00	18.23 -0.17 0.00	16.70 -0.14 0.00	15.39 -0.12 0.00	15.56 -0.13 0.00	15.47 -0.13 0.00	15.65 -0.11 0.00	18.31 -0.13 0.00	19.12 -0.13 0.00	20.08 -0.18 0.00	20.60 -0.21 0.00	20.60 -0.19 0.00	20.60 -0.27 0.00	22.30 -0.36 0.00	22.07 -0.34 0.00	22.27 -0.34 0.00	27.37 -0.45 0.00	28.72 -0.47 0.00	23.17 -0.35 0.00	23.01 -0.35 0.00	21.51 -0.35 0.00	21.70 -0.38 0.00	20.60 -0.34 0.00
HQ_GEN_WHEEL 23651	20.60 -0.25 0.00	19.94 -0.20 0.00	18.23 -0.17 0.00	16.70 -0.14 0.00	15.39 -0.12 0.00	15.56 -0.13 0.00	15.47 -0.13 0.00	15.65 -0.11 0.00	18.31 -0.13 0.00	19.12 -0.13 0.00	20.08 -0.18 0.00	20.60 -0.21 0.00	20.60 -0.19 0.00	20.60 -0.27 0.00	22.30 -0.36 0.00	22.07 -0.34 0.00	22.27 -0.34 0.00	27.37 -0.45 0.00	28.72 -0.47 0.00	23.17 -0.35 0.00	23.01 -0.35 0.00	21.51 -0.35 0.00	21.70 -0.38 0.00	20.60 -0.34 0.00
HUDSON_AVE_GT_3 23810	22.43 1.58 0.00	21.54 1.39 0.00	19.65 1.25 0.00	17.94 1.11 0.00	17.46 1.07 -0.88	17.48 1.05 -0.74	18.00 1.06 -1.35	18.61 1.21 -1.63	19.89 1.46 0.00	20.91 1.66 0.00	22.05 1.78 0.00	23.29 1.98 -0.50	25.17 2.00 -2.38	26.53 2.00 -3.65	27.70 2.31 -2.72	29.13 2.26 -4.46	34.10 2.28 -9.22	39.98 2.75 -9.41	42.03 2.80 -10.04	35.83 2.14 -10.16	33.05 2.06 -7.63	31.84 2.03 -7.94	28.22 2.10 -4.05	26.88 1.67 -4.27
HUDSON_AVE_GT_4 23540	22.43 1.58 0.00	21.54 1.39 0.00	19.65 1.25 0.00	17.94 1.11 0.00	17.46 1.07 -0.88	17.48 1.05 -0.74	18.00 1.06 -1.35	18.61 1.21 -1.63	19.89 1.46 0.00	20.91 1.66 0.00	22.05 1.78 0.00	23.29 1.98 -0.50	25.17 2.00 -2.38	26.53 2.00 -3.65	27.70 2.31 -2.72	29.13 2.26 -4.46	34.10 2.28 -9.22	39.98 2.75 -9.41	42.03 2.80 -10.04	35.83 2.14 -10.16	33.05 2.06 -7.63	31.84 2.03 -7.94	28.22 2.10 -4.05	26.88 1.67 -4.27
HUDSON_AVE_GT_5 23657	22.43 1.58 0.00	21.54 1.39 0.00	19.65 1.25 0.00	17.94 1.11 0.00	17.46 1.07 -0.88	17.48 1.05 -0.74	18.00 1.06 -1.35	18.61 1.21 -1.63	19.89 1.46 0.00	20.91 1.66 0.00	22.05 1.78 0.00	23.29 1.98 -0.50	25.17 2.00 -2.38	26.53 2.00 -3.65	27.70 2.31 -2.72	29.13 2.26 -4.46	34.10 2.28 -9.22	39.98 2.75 -9.41	42.03 2.80 -10.04	35.83 2.14 -10.16	33.05 2.06 -7.63	31.84 2.03 -7.94	28.22 2.10 -4.05	26.88 1.67 -4.27

HUDSON_AVE_10 24168	22.33 1.48 0.00	21.44 1.29 0.00	19.54 1.14 0.00	17.86 1.03 0.00	17.37 0.98 -0.88	17.40 0.97 -0.74	17.94 1.00 -1.35	18.56 1.17 -1.63	19.84 1.40 0.00	20.85 1.60 0.00	21.93 1.66 0.00	23.19 1.87 -0.50	25.04 1.87 -2.38	26.40 1.88 -3.65	27.56 2.18 -2.72	28.97 2.11 -4.46	33.97 2.15 -9.22	39.81 2.59 -9.41	41.86 2.63 -10.04	35.69 2.00 -10.16	32.93 1.94 -7.63	31.71 1.90 -7.94	28.13 2.01 -4.05	26.80 1.59 -4.27
HUDSON___115KV_TB 4 355613	21.79 0.94 0.00	20.95 0.81 0.00	19.10 0.70 0.00	17.56 0.72 0.00	17.18 0.57 -1.09	17.16 0.55 -0.92	17.81 0.53 -1.69	18.27 0.47 -2.04	19.10 0.66 0.00	19.91 0.65 0.00	20.91 0.65 0.00	22.23 0.79 -0.63	24.58 0.81 -2.98	26.27 0.83 -4.56	27.00 0.93 -3.40	28.97 0.99 -5.58	35.12 0.99 -11.53	40.83 1.25 -11.77	43.21 1.46 -12.56	37.46 1.22 -12.71	34.09 1.19 -9.54	32.95 1.16 -9.93	28.29 1.15 -5.06	27.18 0.90 -5.34
HUNTER MOUNT___DRP 323613	21.83 0.98 0.00	20.97 0.83 0.00	19.13 0.74 0.00	17.61 0.77 0.00	17.10 0.53 -1.06	17.06 0.49 -0.89	17.67 0.45 -1.63	18.09 0.36 -1.97	19.01 0.57 0.00	19.79 0.54 0.00	20.77 0.51 0.00	22.04 0.62 -0.61	24.35 0.69 -2.88	25.97 0.69 -4.41	26.72 0.77 -3.29	28.64 0.85 -5.39	34.58 0.84 -11.13	40.27 1.08 -11.37	42.61 1.28 -12.13	36.93 1.13 -12.28	33.68 1.10 -9.22	32.57 1.11 -9.60	28.05 1.08 -4.89	26.95 0.86 -5.16
HUNTINGTON_RES_REC 323705	34.74 2.17 -11.72	28.02 1.99 -5.88	25.12 1.80 -4.91	23.34 1.70 -4.81	19.18 1.58 -2.08	19.18 1.60 -1.89	20.15 1.53 -3.03	20.68 1.64 -3.28	26.35 1.95 -5.96	29.86 2.18 -8.43	33.55 2.35 -10.94	44.32 2.54 -20.98	46.66 2.51 -23.36	55.30 2.55 -31.88	56.71 2.86 -31.19	249.66 2.80 -224.46	257.80 2.85 -232.35	240.42 3.45 -209.16	262.22 3.53 -229.50	257.83 2.75 -231.55	193.41 2.69 -167.37	43.93 2.58 -19.49	57.62 2.74 -32.80	45.20 2.43 -21.84
HUNTLEY___63 23557	20.62 -0.23 0.00	19.68 -0.46 0.00	17.99 -0.40 0.00	16.28 -0.56 0.00	15.10 -0.54 -0.13	15.30 -0.50 -0.11	15.17 -0.62 -0.20	15.09 -0.91 -0.24	17.22 -1.22 0.00	18.04 -1.21 0.00	18.93 -1.34 0.00	19.49 -1.39 -0.07	19.87 -1.27 -0.35	20.14 -1.27 -0.54	22.11 -0.95 -0.40	22.16 -0.90 -0.66	22.83 -1.13 -1.36	25.21 -1.39 1.22	26.40 -1.49 1.30	23.80 -1.22 -1.50	23.39 -1.10 -1.13	22.29 -0.74 -1.17	22.28 -0.40 -0.60	21.04 -0.52 -0.63
HUNTLEY___64 23558	20.62 -0.23 0.00	19.68 -0.46 0.00	17.99 -0.40 0.00	16.28 -0.56 0.00	15.10 -0.54 -0.13	15.30 -0.50 -0.11	15.17 -0.62 -0.20	15.09 -0.91 -0.24	17.22 -1.22 0.00	18.04 -1.21 0.00	18.93 -1.34 0.00	19.49 -1.39 -0.07	19.87 -1.27 -0.35	20.14 -1.27 -0.54	22.11 -0.95 -0.40	22.16 -0.90 -0.66	22.83 -1.13 -1.36	25.21 -1.39 1.22	26.40 -1.49 1.30	23.80 -1.22 -1.50	23.39 -1.10 -1.13	22.29 -0.74 -1.17	22.28 -0.40 -0.60	21.04 -0.52 -0.63
HUNTLEY___65 23559	20.62 -0.23 0.00	19.68 -0.46 0.00	17.99 -0.40 0.00	16.28 -0.56 0.00	15.10 -0.54 -0.13	15.30 -0.50 -0.11	15.17 -0.62 -0.20	15.09 -0.91 -0.24	17.22 -1.22 0.00	18.04 -1.21 0.00	18.93 -1.34 0.00	19.49 -1.39 -0.07	19.87 -1.27 -0.35	20.14 -1.27 -0.54	22.11 -0.95 -0.40	22.16 -0.90 -0.66	22.83 -1.13 -1.36	25.21 -1.39 1.22	26.40 -1.49 1.30	23.80 -1.22 -1.50	23.39 -1.10 -1.13	22.29 -0.74 -1.17	22.28 -0.40 -0.60	21.04 -0.52 -0.63
HUNTLEY___66 23560	20.62 -0.23 0.00	19.68 -0.46 0.00	17.99 -0.40 0.00	16.28 -0.56 0.00	15.10 -0.54 -0.13	15.30 -0.50 -0.11	15.17 -0.62 -0.20	15.09 -0.91 -0.24	17.22 -1.22 0.00	18.04 -1.21 0.00	18.93 -1.34 0.00	19.49 -1.39 -0.07	19.87 -1.27 -0.35	20.14 -1.27 -0.54	22.11 -0.95 -0.40	22.16 -0.90 -0.66	22.83 -1.13 -1.36	25.21 -1.39 1.22	26.40 -1.49 1.30	23.80 -1.22 -1.50	23.39 -1.10 -1.13	22.29 -0.74 -1.17	22.28 -0.40 -0.60	21.04 -0.52 -0.63
HUNTLEY___67 23561	20.47 -0.38 0.00	19.56 -0.58 0.00	17.85 -0.55 0.00	16.21 -0.62 0.00	14.99 -0.65 -0.13	15.19 -0.61 -0.11	15.08 -0.72 -0.20	15.03 -0.98 -0.25	17.18 -1.25 0.00	17.98 -1.27 0.00	18.87 -1.40 0.00	19.41 -1.48 -0.08	19.77 -1.37 -0.36	20.04 -1.38 -0.55	21.98 -1.09 -0.41	22.02 -1.05 -0.67	22.72 -1.27 -1.39	24.45 -1.72 1.64	25.60 -1.84 1.76	23.71 -1.34 -1.53	23.27 -1.24 -1.15	22.18 -0.87 -1.20	22.16 -0.53 -0.61	20.95 -0.63 -0.64
HUNTLEY___68 23562	20.47 -0.38 0.00	19.56 -0.58 0.00	17.85 -0.55 0.00	16.21 -0.62 0.00	14.99 -0.65 -0.13	15.19 -0.61 -0.11	15.08 -0.72 -0.20	15.03 -0.98 -0.25	17.18 -1.25 0.00	17.98 -1.27 0.00	18.87 -1.40 0.00	19.41 -1.48 -0.08	19.77 -1.37 -0.36	20.04 -1.38 -0.55	21.98 -1.09 -0.41	22.02 -1.05 -0.67	22.72 -1.27 -1.39	24.45 -1.72 1.64	25.60 -1.84 1.76	23.71 -1.34 -1.53	23.27 -1.24 -1.15	22.18 -0.87 -1.20	22.16 -0.53 -0.61	20.95 -0.63 -0.64
HYLAND___LFG 323620	21.62 0.77 0.00	20.67 0.52 0.00	18.77 0.37 0.00	17.17 0.34 0.00	15.92 0.26 -0.14	16.11 0.30 -0.12	15.97 0.16 -0.22	15.95 -0.08 -0.26	18.01 -0.42 0.00	18.35 -0.90 0.00	18.99 -1.28 0.00	19.56 -1.33 -0.08	19.89 -1.29 -0.39	20.30 -1.17 -0.59	21.92 -1.18 -0.44	22.01 -1.12 -0.72	23.06 -1.04 -1.49	39.19 -0.92 -12.29	42.07 -0.26 -13.14	25.60 0.42 -1.65	25.39 0.79 -1.24	24.05 0.90 -1.29	23.73 0.99 -0.66	22.55 0.92 -0.69
INDECK___CORINTH 23802	21.52 0.67 0.00	20.77 0.63 0.00	18.91 0.51 0.00	17.37 0.54 0.00	17.20 0.51 -1.18	17.21 0.53 -0.99	17.89 0.48 -1.81	18.42 0.47 -2.19	18.94 0.50 0.00	19.74 0.48 0.00	20.77 0.51 0.00	22.15 0.67 -0.68	24.70 0.71 -3.20	26.46 0.69 -4.90	27.11 0.79 -3.66	29.29 0.90 -5.99	35.84 0.86 -12.38	41.48 1.03 -12.64	43.93 1.25 -13.48	38.18 1.01 -13.64	34.66 1.05 -10.25	33.36 0.83 -10.67	28.57 1.06 -5.43	27.49 0.82 -5.73
INDECK___ILION 23567	20.89 0.04 0.00	20.17 0.02 0.00	18.42 0.02 0.00	16.81 -0.02 0.00	15.50 -0.02 0.00	15.66 -0.03 0.00	15.57 -0.02 0.00	15.71 -0.05 0.00	18.38 -0.06 0.00	19.20 -0.06 0.00	20.24 -0.02 0.00	20.79 -0.02 0.00	20.79 0.00 0.00	20.87 0.00 0.00	22.71 0.05 0.00	22.45 0.04 0.00	22.65 0.05 0.00	27.93 0.11 0.00	29.34 0.15 0.00	23.64 0.12 0.00	23.45 0.09 0.00	21.95 0.09 0.00	22.14 0.07 0.00	20.96 0.02 0.00
INDECK___OLEAN 23982	20.62 -0.23 0.00	19.74 -0.40 0.00	17.99 -0.40 0.00	16.34 -0.49 0.00	14.71 -0.96 -0.16	14.89 -0.93 -0.13	14.85 -0.98 -0.24	14.85 -1.20 -0.29	17.41 -1.03 0.00	18.20 -1.06 0.00	19.13 -1.13 0.00	19.25 -1.64 -0.09	19.59 -1.62 -0.42	20.14 -1.38 -0.65	21.76 -1.38 -0.48	21.92 -1.28 -0.79	22.81 -1.42 -1.63	27.29 -1.64 -1.12	28.51 -1.87 -1.19	23.85 -1.48 -1.80	23.36 -1.36 -1.35	22.18 -1.09 -1.41	22.00 -0.79 -0.72	20.75 -0.94 -0.76
INDECK___OSWEGO 23783	20.47 -0.37 0.00	19.78 -0.36 0.00	18.05 -0.35 0.00	16.50 -0.34 0.00	15.28 -0.30 -0.07	15.46 -0.28 -0.06	15.41 -0.28 -0.10	15.59 -0.30 -0.13	18.07 -0.37 0.00	18.87 -0.38 0.00	19.88 -0.39 0.00	20.35 -0.50 -0.04	20.45 -0.52 -0.18	20.71 -0.44 -0.28	22.44 -0.43 -0.21	22.30 -0.45 -0.34	22.86 -0.45 -0.71	28.01 -0.53 -0.72	29.44 -0.52 -0.77	23.86 -0.45 -0.78	23.53 -0.42 -0.59	22.08 -0.39 -0.61	22.01 -0.38 -0.31	20.99 -0.27 -0.33

INDECK___YERKES 23781	20.60 -0.25 0.00	19.70 -0.44 0.00	17.99 -0.40 0.00	16.29 -0.54 0.00	15.11 -0.53 -0.13	15.31 -0.49 -0.11	15.17 -0.62 -0.20	15.09 -0.91 -0.24	17.24 -1.20 0.00	18.06 -1.19 0.00	18.99 -1.28 0.00	19.57 -1.31 -0.07	19.87 -1.27 -0.35	20.47 -0.94 -0.54	22.13 -0.93 -0.40	22.16 -0.90 -0.66	22.86 -1.11 -1.36	25.24 -1.36 1.22	26.40 -1.49 1.30	23.80 -1.22 -1.50	23.41 -1.07 -1.13	22.29 -0.74 -1.17	22.28 -0.40 -0.60	21.13 -0.44 -0.63
INDIAN POINT_GT_1 24139	22.18 1.33 0.00	21.29 1.15 0.00	19.45 1.05 0.00	17.77 0.94 0.00	17.26 0.88 -0.86	17.31 0.89 -0.73	17.83 0.90 -1.33	18.38 1.01 -1.61	19.67 1.24 0.00	20.62 1.37 0.00	21.72 1.46 0.00	22.99 1.69 -0.50	24.83 1.68 -2.35	26.17 1.69 -3.61	27.28 1.93 -2.69	28.69 1.88 -4.41	33.63 1.92 -9.10	39.45 2.34 -9.29	41.50 2.39 -9.92	35.37 1.81 -10.04	32.67 1.78 -7.54	31.41 1.71 -7.85	27.80 1.72 -4.00	26.51 1.36 -4.22
INDIAN POINT_GT_2 23659	22.18 1.33 0.00	21.29 1.15 0.00	19.45 1.05 0.00	17.77 0.94 0.00	17.26 0.88 -0.86	17.31 0.89 -0.73	17.83 0.90 -1.33	18.38 1.01 -1.61	19.67 1.24 0.00	20.62 1.37 0.00	21.72 1.46 0.00	22.99 1.69 -0.50	24.83 1.68 -2.35	26.17 1.69 -3.61	27.28 1.93 -2.69	28.69 1.88 -4.41	33.63 1.92 -9.10	39.45 2.34 -9.29	41.50 2.39 -9.92	35.37 1.81 -10.04	32.67 1.78 -7.54	31.41 1.71 -7.85	27.80 1.72 -4.00	26.51 1.36 -4.22
INDIAN POINT_GT_3 24019	22.18 1.33 0.00	21.29 1.15 0.00	19.45 1.05 0.00	17.77 0.94 0.00	17.26 0.88 -0.86	17.31 0.89 -0.73	17.83 0.90 -1.33	18.38 1.01 -1.61	19.67 1.24 0.00	20.62 1.37 0.00	21.72 1.46 0.00	22.99 1.69 -0.50	24.83 1.68 -2.35	26.17 1.69 -3.61	27.28 1.93 -2.69	28.69 1.88 -4.41	33.63 1.92 -9.10	39.45 2.34 -9.29	41.50 2.39 -9.92	35.37 1.81 -10.04	32.67 1.78 -7.54	31.41 1.71 -7.85	27.80 1.72 -4.00	26.51 1.36 -4.22
INDIAN POINT___2 23530	22.12 1.27 0.00	21.29 1.15 0.00	19.43 1.03 0.00	17.77 0.94 0.00	17.23 0.87 -0.85	17.26 0.86 -0.71	17.77 0.87 -1.31	18.32 0.98 -1.58	19.64 1.20 0.00	20.58 1.33 0.00	21.68 1.42 0.00	22.92 1.62 -0.49	24.72 1.62 -2.31	26.06 1.65 -3.54	27.16 1.86 -2.64	28.54 1.81 -4.32	33.39 1.85 -8.93	39.19 2.25 -9.12	41.20 2.28 -9.73	35.14 1.77 -9.85	32.46 1.70 -7.40	31.24 1.68 -7.70	27.68 1.68 -3.92	26.50 1.42 -4.14
INDIAN POINT___3 23531	22.16 1.31 0.00	21.29 1.15 0.00	19.43 1.03 0.00	17.77 0.94 0.00	17.26 0.88 -0.87	17.29 0.88 -0.73	17.80 0.87 -1.33	18.35 0.98 -1.61	19.64 1.20 0.00	20.56 1.31 0.00	21.68 1.42 0.00	22.93 1.62 -0.50	24.77 1.62 -2.36	26.09 1.61 -3.61	27.21 1.86 -2.69	28.63 1.81 -4.41	33.55 1.83 -9.11	39.34 2.23 -9.30	41.40 2.28 -9.93	35.31 1.74 -10.05	32.61 1.71 -7.54	31.38 1.66 -7.85	27.76 1.68 -4.00	26.48 1.32 -4.22
INGHAM_C_115KV_TB7 356103	20.81 -0.04 0.00	20.07 -0.08 0.00	18.32 -0.07 0.00	16.70 -0.13 0.00	15.37 -0.14 0.00	15.53 -0.16 0.00	15.45 -0.14 0.00	15.57 -0.19 0.00	18.22 -0.22 0.00	19.02 -0.23 0.00	20.10 -0.16 0.00	20.64 -0.17 0.00	20.64 -0.15 0.00	20.73 -0.15 0.00	22.55 -0.11 0.00	22.29 -0.11 0.00	22.49 -0.11 0.00	27.76 -0.06 0.00	29.16 -0.03 0.00	23.53 0.00 0.00	23.34 -0.02 0.00	21.82 -0.04 0.00	22.01 -0.07 0.00	20.83 -0.10 0.00
IP CORINTH___1 23988	21.66 0.81 0.00	20.87 0.73 0.00	19.01 0.61 0.00	17.45 0.62 0.00	17.28 0.59 -1.18	17.29 0.61 -0.99	17.96 0.56 -1.81	18.50 0.55 -2.19	19.03 0.59 0.00	19.85 0.60 0.00	20.87 0.61 0.00	22.26 0.77 -0.68	24.78 0.79 -3.20	26.57 0.79 -4.90	27.25 0.93 -3.66	29.40 1.01 -5.99	35.95 0.97 -12.38	41.62 1.17 -12.64	44.08 1.40 -13.48	38.32 1.15 -13.64	34.78 1.17 -10.25	33.51 0.98 -10.67	28.68 1.17 -5.43	27.53 0.86 -5.73
IP___TICONDEROGA 23804	22.64 1.79 0.00	21.82 1.67 0.00	19.83 1.44 0.00	18.11 1.28 0.00	17.93 1.24 -1.17	17.96 1.29 -0.99	18.68 1.28 -1.81	19.24 1.29 -2.19	19.99 1.55 0.00	20.89 1.64 0.00	22.01 1.74 0.00	23.46 1.98 -0.68	25.88 1.89 -3.20	27.69 1.92 -4.90	28.51 2.20 -3.65	30.76 2.37 -5.98	37.27 2.31 -12.36	43.22 2.78 -12.62	45.93 3.27 -13.46	39.81 2.66 -13.63	36.40 2.80 -10.23	34.90 2.38 -10.65	30.09 2.58 -5.43	28.76 2.09 -5.73
ISLIP_RES_REC 323679	35.13 2.56 -11.72	28.40 2.38 -5.88	25.46 2.15 -4.91	23.66 2.02 -4.81	19.48 1.89 -2.08	19.48 1.90 -1.89	20.45 1.82 -3.03	20.96 1.92 -3.28	26.67 2.27 -5.96	30.21 2.52 -8.43	33.74 2.65 -10.82	38.50 2.83 -14.86	46.95 2.81 -23.36	51.67 2.82 -27.98	56.97 3.15 -31.16	127.73 3.11 -102.21	131.56 3.14 -105.82	135.09 3.84 -103.44	131.52 3.94 -98.39	124.63 3.11 -98.00	106.45 3.04 -80.06	44.29 2.93 -19.49	43.45 3.11 -18.26	38.55 2.78 -14.82
JAMAICA__27_KV_LOAD 355505	22.48 1.63 0.00	21.56 1.41 0.00	19.65 1.25 0.00	17.94 1.11 0.00	17.46 1.07 -0.88	17.49 1.07 -0.74	18.05 1.11 -1.35	18.72 1.32 -1.63	20.04 1.60 0.00	21.06 1.81 0.00	22.09 1.82 0.00	23.35 2.04 -0.50	25.21 2.04 -2.38	26.59 2.07 -3.65	27.76 2.38 -2.72	29.15 2.28 -4.46	34.17 2.35 -9.22	40.06 2.84 -9.41	42.12 2.89 -10.04	35.87 2.19 -10.16	33.12 2.13 -7.63	31.86 2.05 -7.94	28.40 2.27 -4.05	26.99 1.78 -4.27
JANIS___SOLAR 323808	21.70 0.86 0.00	20.87 0.72 0.00	19.00 0.61 0.00	17.34 0.50 0.00	16.16 0.43 -0.21	16.32 0.46 -0.18	16.40 0.48 -0.33	16.60 0.44 -0.40	18.88 0.44 0.00	19.62 0.36 0.00	20.65 0.38 0.00	21.24 0.31 -0.12	21.72 0.35 -0.58	22.24 0.48 -0.89	23.99 0.66 -0.67	24.19 0.70 -1.09	25.60 0.74 -2.25	32.02 1.20 -3.01	33.92 1.52 -3.21	27.19 1.18 -2.48	26.46 1.24 -1.87	24.94 1.14 -1.94	24.15 1.08 -0.99	23.01 1.03 -1.04
JARVIS____ 23743	20.91 0.06 0.00	20.19 0.04 0.00	18.44 0.04 0.00	16.85 0.02 0.00	15.53 0.02 0.00	15.70 0.02 0.00	15.61 0.02 0.00	15.76 0.00 0.00	18.44 0.00 0.00	19.25 0.00 0.00	20.28 0.02 0.00	20.83 0.02 0.00	20.81 0.02 0.00	20.91 0.04 0.00	22.71 0.05 0.00	22.45 0.04 0.00	22.65 0.05 0.00	27.90 0.08 0.00	29.28 0.09 0.00	23.60 0.07 0.00	23.43 0.07 0.00	21.93 0.07 0.00	22.14 0.07 0.00	21.00 0.06 0.00
JENNISON___1 23625	21.87 1.02 0.00	20.99 0.85 0.00	19.15 0.75 0.00	17.45 0.62 0.00	16.29 0.51 -0.27	16.46 0.55 -0.23	16.57 0.56 -0.41	16.81 0.55 -0.50	19.08 0.65 0.00	19.91 0.65 0.00	20.99 0.73 0.00	21.69 0.73 -0.15	22.29 0.77 -0.73	22.81 0.81 -1.12	24.61 1.11 -0.84	24.89 1.12 -1.37	26.58 1.15 -2.83	32.32 1.61 -2.89	34.08 1.81 -3.08	28.03 1.39 -3.12	27.10 1.40 -2.34	25.61 1.31 -2.44	24.58 1.26 -1.24	23.33 1.09 -1.31
JENNISON___2 23626	21.87 1.02 0.00	20.99 0.85 0.00	19.15 0.75 0.00	17.45 0.62 0.00	16.29 0.51 -0.27	16.46 0.55 -0.23	16.57 0.56 -0.41	16.81 0.55 -0.50	19.08 0.65 0.00	19.91 0.65 0.00	20.99 0.73 0.00	21.69 0.73 -0.15	22.29 0.77 -0.73	22.81 0.81 -1.12	24.61 1.11 -0.84	24.89 1.12 -1.37	26.58 1.15 -2.83	32.32 1.61 -2.89	34.08 1.81 -3.08	28.03 1.39 -3.12	27.10 1.40 -2.34	25.61 1.31 -2.44	24.58 1.26 -1.24	23.33 1.09 -1.31

JERICO_RISE_WT_PWR 323719	20.56 -0.29 0.00	20.07 -0.08 0.00	18.36 -0.04 0.00	16.87 0.03 0.00	15.56 0.05 0.00	15.74 0.05 0.00	15.62 0.03 0.00	15.87 0.11 0.00	18.62 0.18 0.00	19.45 0.19 0.00	20.39 0.12 0.00	20.89 0.08 0.00	20.85 0.06 0.00	20.79 -0.08 0.00	22.46 -0.20 0.00	22.22 -0.18 0.00	22.49 -0.11 0.00	27.56 -0.25 0.00	28.81 -0.38 0.00	23.27 -0.26 0.00	23.10 -0.26 0.00	21.42 -0.44 0.00	21.55 -0.53 0.00	20.41 -0.52 0.00
KATONAH__115KV_46KV_TB4 355592	22.27 1.42 0.00	21.37 1.23 0.00	19.52 1.12 0.00	17.84 1.01 0.00	17.38 0.98 -0.89	17.44 1.00 -0.75	17.94 0.98 -1.37	18.55 1.13 -1.66	19.84 1.40 0.00	20.80 1.54 0.00	21.93 1.66 0.00	23.32 2.00 -0.51	25.23 2.02 -2.42	26.59 2.00 -3.71	27.74 2.31 -2.77	29.20 2.26 -4.54	34.28 2.31 -9.37	40.22 2.84 -9.56	42.32 2.92 -10.20	35.99 2.14 -10.33	33.24 2.13 -7.76	31.92 1.99 -8.07	28.13 1.94 -4.11	26.80 1.53 -4.34
KCE_NY_1 323755	21.91 1.06 0.00	21.13 0.99 0.00	19.26 0.86 0.00	17.67 0.84 0.00	17.47 0.79 -1.17	17.49 0.82 -0.98	18.18 0.78 -1.81	18.68 0.74 -2.18	19.34 0.90 0.00	20.16 0.91 0.00	21.22 0.95 0.00	22.63 1.14 -0.68	25.14 1.16 -3.19	26.95 1.19 -4.89	27.64 1.34 -3.64	29.74 1.37 -5.97	36.30 1.36 -12.34	42.05 1.64 -12.60	44.47 1.84 -13.44	38.63 1.51 -13.60	35.09 1.52 -10.21	33.83 1.33 -10.63	28.93 1.43 -5.42	27.89 1.23 -5.72
KCE_NY_6_ESR 323823	20.72 -0.12 0.00	19.82 -0.32 0.00	18.09 -0.31 0.00	16.39 -0.44 0.00	15.06 -0.59 -0.14	15.25 -0.55 -0.12	15.15 -0.65 -0.21	15.10 -0.91 -0.26	17.35 -1.09 0.00	18.16 -1.10 0.00	19.11 -1.15 0.00	19.58 -1.31 -0.08	19.89 -1.27 -0.37	20.49 -0.96 -0.57	22.14 -0.95 -0.43	22.23 -0.87 -0.70	22.97 -1.08 -1.45	24.65 -1.48 1.69	25.78 -1.61 1.81	23.97 -1.15 -1.60	23.53 -1.03 -1.20	22.39 -0.72 -1.25	22.34 -0.38 -0.64	21.17 -0.44 -0.67
KEDC_PORT_JEFF_GT2 24210	34.95 2.38 -11.72	28.22 2.20 -5.88	25.32 2.01 -4.91	23.51 1.87 -4.81	19.35 1.75 -2.08	19.34 1.76 -1.89	20.32 1.70 -3.03	20.84 1.80 -3.28	26.52 2.12 -5.96	30.03 2.35 -8.43	33.57 2.47 -10.84	39.13 2.60 -15.72	46.68 2.54 -23.36	51.85 2.44 -28.53	56.52 2.70 -31.16	144.49 2.64 -119.45	148.93 2.67 -123.66	149.38 3.22 -118.35	149.39 3.33 -116.88	142.97 2.61 -116.83	118.30 2.57 -92.37	43.85 2.49 -19.49	45.10 2.71 -20.31	39.24 2.49 -15.81
KEDC_PORT_JEFF_GT3 24211	34.95 2.38 -11.72	28.22 2.20 -5.88	25.32 2.01 -4.91	23.51 1.87 -4.81	19.35 1.75 -2.08	19.34 1.76 -1.89	20.32 1.70 -3.03	20.84 1.80 -3.28	26.52 2.12 -5.96	30.03 2.35 -8.43	33.57 2.47 -10.84	39.13 2.60 -15.72	46.68 2.54 -23.36	51.85 2.44 -28.53	56.52 2.70 -31.16	144.49 2.64 -119.45	148.93 2.67 -123.66	149.38 3.22 -118.35	149.39 3.33 -116.88	142.97 2.61 -116.83	118.30 2.57 -92.37	43.85 2.49 -19.49	45.10 2.71 -20.31	39.24 2.49 -15.81
KEDC_GLWD_GT4 24219	34.30 1.73 -11.72	27.62 1.59 -5.88	24.75 1.44 -4.91	22.94 1.30 -4.81	18.80 1.21 -2.08	18.79 1.21 -1.89	19.84 1.22 -3.03	20.38 1.34 -3.28	26.00 1.60 -5.96	29.46 1.77 -8.43	32.79 1.78 -10.75	34.00 2.02 -11.17	46.16 2.02 -23.36	48.55 2.05 -25.64	56.13 2.31 -31.15	53.42 2.26 -28.76	54.71 2.31 -29.80	70.52 2.78 -39.92	51.64 2.83 -19.62	43.46 2.19 -17.75	53.09 2.15 -27.59	43.45 2.10 -19.49	33.69 2.10 -9.51	33.37 1.82 -10.62
KEDC_GLWD_GT5 24220	34.30 1.73 -11.72	27.62 1.59 -5.88	24.75 1.44 -4.91	22.94 1.30 -4.81	18.80 1.21 -2.08	18.79 1.21 -1.89	19.84 1.22 -3.03	20.38 1.34 -3.28	26.00 1.60 -5.96	29.46 1.77 -8.43	32.79 1.78 -10.75	34.00 2.02 -11.17	46.16 2.02 -23.36	48.55 2.05 -25.64	56.13 2.31 -31.15	53.42 2.26 -28.76	54.71 2.31 -29.80	70.52 2.78 -39.92	51.64 2.83 -19.62	43.46 2.19 -17.75	53.09 2.15 -27.59	43.45 2.10 -19.49	33.69 2.10 -9.51	33.37 1.82 -10.62
KENSICO____ 23655	22.27 1.42 0.00	21.40 1.25 0.00	19.52 1.12 0.00	17.86 1.03 0.00	17.35 0.96 -0.87	17.38 0.96 -0.73	17.90 0.97 -1.35	18.46 1.07 -1.63	19.75 1.31 0.00	20.70 1.44 0.00	21.82 1.56 0.00	23.08 1.77 -0.50	24.93 1.77 -2.38	26.27 1.75 -3.64	27.40 2.02 -2.72	28.83 1.97 -4.45	33.81 2.01 -9.20	39.63 2.42 -9.39	41.69 2.48 -10.02	35.57 1.91 -10.14	32.84 1.87 -7.62	31.60 1.81 -7.93	27.95 1.83 -4.04	26.66 1.47 -4.26
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	22.25 1.40 0.00	21.31 1.17 0.00	19.45 1.05 0.00	17.74 0.91 0.00	17.06 0.74 -0.81	17.06 0.69 -0.68	17.55 0.72 -1.24	18.05 0.79 -1.50	19.43 1.00 0.00	20.35 1.10 0.00	21.46 1.20 0.00	22.67 1.39 -0.47	24.38 1.39 -2.20	25.64 1.40 -3.37	26.80 1.63 -2.51	28.13 1.61 -4.12	32.80 1.70 -8.50	38.58 2.09 -8.68	40.64 2.19 -9.26	34.59 1.69 -9.37	32.01 1.61 -7.04	30.87 1.68 -7.33	27.44 1.63 -3.73	26.21 1.34 -3.94
KIAC_JFK_GT1 23816	22.35 1.50 0.00	21.46 1.31 0.00	19.54 1.14 0.00	17.88 1.04 0.00	17.38 0.99 -0.88	17.41 0.99 -0.74	17.97 1.03 -1.35	18.62 1.23 -1.63	19.95 1.51 0.00	20.95 1.69 0.00	21.97 1.70 0.00	23.23 1.91 -0.50	25.08 1.91 -2.38	26.44 1.92 -3.65	27.61 2.22 -2.72	28.92 2.06 -4.46	33.92 2.10 -9.22	39.76 2.53 -9.41	41.83 2.60 -10.04	35.64 1.95 -10.16	32.88 1.89 -7.63	31.64 1.84 -7.94	28.24 2.12 -4.05	26.86 1.65 -4.27
KIAC_JFK_GT2 23817	22.35 1.50 0.00	21.46 1.31 0.00	19.54 1.14 0.00	17.88 1.04 0.00	17.38 0.99 -0.88	17.41 0.99 -0.74	17.97 1.03 -1.35	18.62 1.23 -1.63	19.95 1.51 0.00	20.95 1.69 0.00	21.97 1.70 0.00	23.23 1.91 -0.50	25.08 1.91 -2.38	26.44 1.92 -3.65	27.61 2.22 -2.72	28.92 2.06 -4.46	33.92 2.10 -9.22	39.76 2.53 -9.41	41.83 2.60 -10.04	35.64 1.95 -10.16	32.88 1.89 -7.63	31.64 1.84 -7.94	28.24 2.12 -4.05	26.86 1.65 -4.27
KIAC_JFK____ 323774	22.31 1.46 0.00	21.45 1.31 0.00	19.54 1.14 0.00	17.88 1.04 0.00	17.38 0.99 -0.88	17.41 0.99 -0.74	17.97 1.03 -1.35	18.62 1.23 -1.63	19.95 1.51 0.00	20.95 1.69 0.00	21.97 1.70 0.00	23.23 1.91 -0.50	25.06 1.89 -2.38	26.46 1.94 -3.65	27.61 2.22 -2.72	28.92 2.06 -4.46	33.94 2.12 -9.22	39.78 2.56 -9.41	41.83 2.60 -10.04	35.64 1.95 -10.16	32.88 1.89 -7.63	31.66 1.86 -7.94	28.24 2.12 -4.05	26.98 1.78 -4.27
KINTIGH____ 23543	20.37 -0.48 0.00	19.50 -0.64 0.00	17.81 -0.59 0.00	16.21 -0.62 0.00	15.13 -0.50 -0.11	15.31 -0.47 -0.10	15.24 -0.53 -0.18	15.23 -0.74 -0.21	17.33 -1.11 0.00	18.12 -1.14 0.00	19.05 -1.22 0.00	19.71 -1.17 -0.07	20.02 -1.08 -0.31	20.26 -1.09 -0.47	22.20 -0.82 -0.35	22.15 -0.83 -0.58	22.78 -1.02 -1.20	26.01 -1.45 0.36	27.29 -1.52 0.39	23.79 -1.06 -1.32	23.37 -0.98 -0.99	22.22 -0.68 -1.03	22.23 -0.38 -0.53	21.03 -0.46 -0.55
KNTFSRNC_46_KV_46KV_LOAD 80397	20.72 -0.13 0.00	20.29 0.14 0.00	18.53 0.13 0.00	17.03 0.20 0.00	15.70 0.19 0.00	15.89 0.20 0.00	15.76 0.17 0.00	16.04 0.28 0.00	18.83 0.39 0.00	19.64 0.39 0.00	20.59 0.32 0.00	21.12 0.31 0.00	21.06 0.27 0.00	21.06 0.19 0.00	22.68 0.02 0.00	22.45 0.04 0.00	22.76 0.16 0.00	27.93 0.11 0.00	29.19 0.00 0.00	23.60 0.07 0.00	23.41 0.05 0.00	21.69 -0.17 0.00	21.79 -0.29 0.00	20.83 -0.10 0.00

LACHUTE____HYDRO 323717	22.62 1.77 0.00	21.82 1.67 0.00	19.83 1.44 0.00	18.11 1.28 0.00	17.93 1.24 -1.17	17.96 1.29 -0.99	18.68 1.28 -1.81	19.24 1.29 -2.19	19.99 1.55 0.00	20.89 1.64 0.00	22.01 1.74 0.00	23.46 1.98 -0.68	25.90 1.91 -3.20	27.71 1.94 -4.90	28.51 2.20 -3.65	30.76 2.37 -5.98	37.27 2.31 -12.36	43.22 2.78 -12.62	45.93 3.27 -13.46	39.81 2.66 -13.63	36.40 2.80 -10.23	34.83 2.32 -10.65	30.09 2.58 -5.43	28.84 2.18 -5.73
LAWRNCAV_115KV_TB1 80681	19.91 -0.94 0.00	19.36 -0.79 0.00	17.83 -0.57 0.00	16.29 -0.54 0.00	15.02 -0.50 0.00	15.19 -0.50 0.00	15.12 -0.47 0.00	15.35 -0.41 0.00	17.94 -0.50 0.00	18.70 -0.56 0.00	19.49 -0.77 0.00	20.04 -0.77 0.00	20.00 -0.79 0.00	20.06 -0.81 0.00	21.60 -1.07 0.00	21.39 -1.01 0.00	21.65 -0.95 0.00	26.65 -1.17 0.00	27.97 -1.23 0.00	22.63 -0.89 0.00	22.45 -0.91 0.00	20.92 -0.94 0.00	21.02 -1.06 0.00	20.14 -0.80 0.00
LEDERLE____ 23769	22.25 1.40 0.00	21.35 1.21 0.00	19.50 1.10 0.00	17.82 0.99 0.00	17.25 0.90 -0.83	17.27 0.88 -0.70	17.78 0.90 -1.28	18.31 0.99 -1.55	19.67 1.24 0.00	20.60 1.35 0.00	21.72 1.46 0.00	22.95 1.66 -0.48	24.72 1.66 -2.27	26.01 1.67 -3.47	27.16 1.90 -2.59	28.51 1.86 -4.25	33.27 1.90 -8.77	39.08 2.31 -8.95	41.11 2.36 -9.55	35.01 1.81 -9.67	32.40 1.78 -7.26	31.15 1.73 -7.56	27.67 1.74 -3.85	26.38 1.38 -4.06
LIGHTHSE_115KV_TB6 355974	20.58 -0.27 0.00	19.84 -0.30 0.00	18.10 -0.29 0.00	16.56 -0.27 0.00	15.34 -0.23 -0.06	15.52 -0.22 -0.05	15.47 -0.22 -0.09	15.64 -0.24 -0.11	18.09 -0.35 0.00	18.89 -0.37 0.00	19.90 -0.36 0.00	20.39 -0.46 -0.04	20.41 -0.54 -0.17	20.63 -0.50 -0.26	22.42 -0.43 -0.19	22.31 -0.40 -0.31	22.87 -0.38 -0.65	28.11 -0.36 -0.66	29.60 -0.29 -0.70	24.00 -0.24 -0.71	23.68 -0.21 -0.53	22.22 -0.20 -0.56	22.07 -0.29 -0.28	21.03 -0.21 -0.30
LINDEN COGEN____ 23786	22.25 1.40 0.00	21.40 1.25 0.00	19.50 1.10 0.00	17.81 0.98 0.00	17.35 0.96 -0.88	17.35 0.93 -0.74	17.89 0.95 -1.35	18.51 1.12 -1.63	19.78 1.35 0.00	20.78 1.52 0.00	21.90 1.64 0.00	23.16 1.85 -0.50	25.02 1.85 -2.38	26.40 1.88 -3.65	27.54 2.15 -2.72	28.99 2.13 -4.46	33.92 2.10 -9.22	39.76 2.53 -9.41	41.80 2.57 -10.04	35.64 1.95 -10.16	32.88 1.89 -7.63	31.71 1.90 -7.94	28.04 1.92 -4.05	26.86 1.65 -4.27
LINDHRST_69_KV_BK1 356055	34.86 2.29 -11.72	28.12 2.10 -5.88	25.21 1.90 -4.91	23.37 1.73 -4.81	19.21 1.61 -2.08	19.21 1.63 -1.89	20.21 1.59 -3.03	20.74 1.70 -3.28	26.43 2.03 -5.96	29.92 2.23 -8.43	33.39 2.37 -10.75	34.91 2.56 -11.54	46.66 2.52 -23.36	49.23 2.48 -25.87	56.62 2.81 -31.15	61.35 2.78 -36.18	62.90 2.83 -37.47	77.57 3.42 -46.33	60.26 3.50 -27.57	52.12 2.75 -25.85	58.95 2.71 -32.88	44.00 2.65 -19.49	35.27 2.80 -10.39	34.41 2.43 -11.04
LIPA_MISC_IPP 23656	35.07 2.50 -11.72	28.30 2.28 -5.88	25.39 2.08 -4.91	23.56 1.92 -4.81	19.39 1.80 -2.08	19.40 1.82 -1.89	20.39 1.76 -3.03	20.88 1.84 -3.28	26.58 2.18 -5.96	30.07 2.39 -8.43	33.60 2.51 -10.83	38.51 2.68 -15.01	46.81 2.66 -23.36	51.63 2.67 -28.08	56.84 3.01 -31.16	130.67 2.98 -105.29	134.63 3.03 -109.00	137.61 3.70 -106.10	134.70 3.82 -101.69	127.90 3.01 -101.36	108.56 2.94 -82.25	44.18 2.82 -19.49	43.71 3.00 -18.62	38.51 2.58 -15.00
LISF____SOLAR 323691	35.09 2.52 -11.72	28.34 2.32 -5.88	25.43 2.11 -4.91	23.58 1.93 -4.81	19.42 1.83 -2.08	19.42 1.83 -1.89	20.43 1.81 -3.03	20.93 1.89 -3.28	26.61 2.21 -5.96	30.11 2.43 -8.43	33.64 2.55 -10.83	38.59 2.73 -15.06	46.85 2.70 -23.36	51.74 2.75 -28.11	56.90 3.08 -31.16	131.66 3.05 -106.21	135.66 3.10 -109.96	138.53 3.81 -106.90	135.79 3.91 -102.68	128.99 3.08 -102.38	109.31 3.04 -82.92	44.26 2.91 -19.49	43.90 3.09 -18.74	38.75 2.76 -15.05
LITTLE FALLS____HYD 24013	20.81 -0.04 0.00	20.07 -0.08 0.00	18.32 -0.07 0.00	16.70 -0.13 0.00	15.37 -0.14 0.00	15.53 -0.16 0.00	15.45 -0.14 0.00	15.57 -0.19 0.00	18.22 -0.22 0.00	19.02 -0.23 0.00	20.10 -0.16 0.00	20.64 -0.17 0.00	20.64 -0.15 0.00	20.73 -0.15 0.00	22.55 -0.11 0.00	22.29 -0.11 0.00	22.49 -0.11 0.00	27.76 -0.06 0.00	29.16 -0.03 0.00	23.53 0.00 0.00	23.34 -0.02 0.00	21.82 -0.04 0.00	22.01 -0.07 0.00	20.83 -0.10 0.00
LITTLRIV_115KV_TB1 356100	20.08 -0.77 0.00	19.52 -0.62 0.00	17.96 -0.44 0.00	16.41 -0.42 0.00	15.11 -0.40 0.00	15.30 -0.39 0.00	15.25 -0.34 0.00	15.46 -0.30 0.00	18.07 -0.37 0.00	18.85 -0.40 0.00	19.66 -0.61 0.00	20.20 -0.60 0.00	20.18 -0.60 0.00	20.22 -0.65 0.00	21.80 -0.86 0.00	21.59 -0.81 0.00	21.86 -0.75 0.00	26.92 -0.89 0.00	28.32 -0.88 0.00	22.92 -0.61 0.00	22.73 -0.63 0.00	21.16 -0.70 0.00	21.24 -0.84 0.00	20.37 -0.57 0.00
LI_NEWBRDGE____DRP 323616	34.36 1.79 -11.72	27.62 1.59 -5.88	24.77 1.45 -4.91	22.97 1.33 -4.81	18.83 1.24 -2.08	18.82 1.24 -1.89	19.86 1.23 -3.03	20.39 1.36 -3.28	26.02 1.62 -5.96	29.44 1.75 -8.43	32.87 1.86 -10.75	33.97 2.04 -11.12	46.18 2.04 -23.36	48.48 2.00 -25.60	56.10 2.29 -31.15	52.34 2.24 -27.70	53.58 2.28 -28.70	69.60 2.78 -39.00	50.50 2.83 -18.47	42.32 2.21 -16.58	52.34 2.15 -26.83	43.45 2.10 -19.49	33.67 2.21 -9.38	33.31 1.82 -10.56
LOCKPORT_115KV_TB60_63_64 80432	20.43 -0.42 0.00	19.56 -0.58 0.00	17.81 -0.59 0.00	16.23 -0.61 0.00	15.00 -0.64 -0.12	15.18 -0.61 -0.10	15.06 -0.72 -0.19	15.01 -0.98 -0.23	17.13 -1.31 0.00	17.93 -1.33 0.00	18.83 -1.44 0.00	19.40 -1.48 -0.07	19.75 -1.37 -0.34	20.01 -1.38 -0.52	21.96 -1.09 -0.38	21.98 -1.05 -0.63	22.62 -1.29 -1.30	25.39 -1.53 0.90	26.63 -1.61 0.96	23.60 -1.36 -1.44	23.22 -1.21 -1.08	22.13 -0.85 -1.12	22.14 -0.51 -0.57	20.93 -0.61 -0.60
LOCKPORT____CC1 323769	20.43 -0.42 0.00	19.56 -0.58 0.00	17.86 -0.53 0.00	16.23 -0.61 0.00	15.00 -0.64 -0.12	15.18 -0.61 -0.10	15.07 -0.72 -0.19	15.00 -0.99 -0.23	17.13 -1.31 0.00	17.93 -1.33 0.00	18.85 -1.42 0.00	19.44 -1.44 -0.07	19.73 -1.39 -0.34	20.31 -1.09 -0.52	21.94 -1.11 -0.39	21.96 -1.07 -0.64	22.60 -1.31 -1.31	25.13 -1.61 1.07	26.35 -1.69 1.15	23.61 -1.37 -1.45	23.21 -1.24 -1.09	22.09 -0.90 -1.13	22.12 -0.53 -0.58	21.00 -0.54 -0.61
LOCKPORT____CC2 323770	20.43 -0.42 0.00	19.56 -0.58 0.00	17.86 -0.53 0.00	16.23 -0.61 0.00	15.00 -0.64 -0.12	15.18 -0.61 -0.10	15.07 -0.72 -0.19	15.00 -0.99 -0.23	17.13 -1.31 0.00	17.93 -1.33 0.00	18.85 -1.42 0.00	19.44 -1.44 -0.07	19.73 -1.39 -0.34	20.31 -1.09 -0.52	21.94 -1.11 -0.39	21.96 -1.07 -0.64	22.60 -1.31 -1.31	25.13 -1.61 1.07	26.35 -1.69 1.15	23.61 -1.37 -1.45	23.21 -1.24 -1.09	22.09 -0.90 -1.13	22.12 -0.53 -0.58	21.00 -0.54 -0.61
LOCKPORT____CC3 323771	20.43 -0.42 0.00	19.56 -0.58 0.00	17.86 -0.53 0.00	16.23 -0.61 0.00	15.00 -0.64 -0.12	15.18 -0.61 -0.10	15.07 -0.72 -0.19	15.00 -0.99 -0.23	17.13 -1.31 0.00	17.93 -1.33 0.00	18.85 -1.42 0.00	19.44 -1.44 -0.07	19.73 -1.39 -0.34	20.31 -1.09 -0.52	21.94 -1.11 -0.39	21.96 -1.07 -0.64	22.60 -1.31 -1.31	25.13 -1.61 1.07	26.35 -1.69 1.15	23.61 -1.37 -1.45	23.21 -1.24 -1.09	22.09 -0.90 -1.13	22.12 -0.53 -0.58	21.00 -0.54 -0.61

LONG_LAKE_PHOENIX 24014	20.56 -0.29 0.00	19.84 -0.30 0.00	18.10 -0.29 0.00	16.55 -0.29 0.00	15.33 -0.25 -0.07	15.51 -0.24 -0.06	15.46 -0.23 -0.11	15.65 -0.24 -0.13	18.12 -0.31 0.00	18.93 -0.33 0.00	19.96 -0.30 0.00	20.43 -0.42 -0.04	20.56 -0.42 -0.19	20.78 -0.38 -0.29	22.56 -0.32 -0.21	22.44 -0.31 -0.35	22.99 -0.34 -0.73	28.19 -0.36 -0.74	29.60 -0.38 -0.79	24.00 -0.33 -0.80	23.66 -0.30 -0.60	22.20 -0.28 -0.62	22.11 -0.29 -0.32	20.98 -0.29 -0.34
LOVETT___3 23632	22.12 1.27 0.00	21.25 1.11 0.00	19.41 1.01 0.00	17.74 0.91 0.00	17.19 0.84 -0.84	17.22 0.83 -0.70	17.72 0.84 -1.29	18.27 0.95 -1.56	19.60 1.16 0.00	20.53 1.27 0.00	21.64 1.38 0.00	22.85 1.56 -0.48	24.63 1.56 -2.28	25.91 1.54 -3.49	27.06 1.79 -2.60	28.42 1.75 -4.27	33.18 1.76 -8.81	38.96 2.14 -9.00	40.95 2.16 -9.60	34.91 1.67 -9.72	32.29 1.64 -7.30	31.05 1.60 -7.60	27.56 1.61 -3.87	26.28 1.26 -4.08
LOVETT___4 23642	22.12 1.27 0.00	21.25 1.11 0.00	19.41 1.01 0.00	17.74 0.91 0.00	17.19 0.84 -0.84	17.22 0.83 -0.70	17.72 0.84 -1.29	18.27 0.95 -1.56	19.60 1.16 0.00	20.53 1.27 0.00	21.64 1.38 0.00	22.85 1.56 -0.48	24.63 1.56 -2.28	25.91 1.54 -3.49	27.06 1.79 -2.60	28.42 1.75 -4.27	33.18 1.76 -8.81	38.96 2.14 -9.00	40.95 2.16 -9.60	34.91 1.67 -9.72	32.29 1.64 -7.30	31.05 1.60 -7.60	27.56 1.61 -3.87	26.28 1.26 -4.08
LOVETT___5 23593	22.12 1.27 0.00	21.25 1.11 0.00	19.41 1.01 0.00	17.74 0.91 0.00	17.19 0.84 -0.84	17.22 0.83 -0.70	17.72 0.84 -1.29	18.27 0.95 -1.56	19.60 1.16 0.00	20.53 1.27 0.00	21.64 1.38 0.00	22.85 1.56 -0.48	24.63 1.56 -2.28	25.91 1.54 -3.49	27.06 1.79 -2.60	28.42 1.75 -4.27	33.18 1.76 -8.81	38.96 2.14 -9.00	40.95 2.16 -9.60	34.91 1.67 -9.72	32.29 1.64 -7.30	31.05 1.60 -7.60	27.56 1.61 -3.87	26.28 1.26 -4.08
LOWER RAQUET___HYD 24057	19.81 -1.04 0.00	19.24 -0.91 0.00	17.68 -0.72 0.00	16.17 -0.66 0.00	14.91 -0.61 0.00	15.08 -0.61 0.00	15.01 -0.58 0.00	15.24 -0.52 0.00	17.81 -0.63 0.00	18.56 -0.69 0.00	19.35 -0.91 0.00	19.87 -0.94 0.00	19.85 -0.94 0.00	19.83 -1.04 0.00	21.44 -1.22 0.00	21.24 -1.17 0.00	21.52 -1.08 0.00	26.48 -1.33 0.00	27.82 -1.37 0.00	22.52 -1.01 0.00	22.33 -1.03 0.00	20.79 -1.07 0.00	20.86 -1.21 0.00	19.83 -1.11 0.00
LOWER___HUDSON 24059	21.77 0.92 0.00	20.97 0.83 0.00	19.15 0.75 0.00	17.55 0.72 0.00	17.33 0.67 -1.15	17.33 0.67 -0.96	18.03 0.67 -1.77	18.51 0.61 -2.14	19.21 0.77 0.00	19.99 0.73 0.00	21.03 0.77 0.00	22.43 0.96 -0.66	24.87 0.96 -3.13	26.66 1.00 -4.79	27.30 1.07 -3.57	29.33 1.08 -5.85	35.75 1.06 -12.09	41.46 1.31 -12.34	43.76 1.40 -13.17	38.03 1.18 -13.32	34.56 1.19 -10.01	33.37 1.09 -10.42	28.51 1.13 -5.31	27.52 0.98 -5.60
LOWVILLE_115KV_TB2 356335	20.68 -0.17 0.00	19.94 -0.20 0.00	18.23 -0.17 0.00	16.66 -0.17 0.00	15.40 -0.14 -0.03	15.59 -0.13 -0.03	15.50 -0.14 -0.05	15.68 -0.14 -0.06	18.09 -0.35 0.00	18.83 -0.42 0.00	19.78 -0.49 0.00	20.35 -0.48 -0.02	20.37 -0.50 -0.08	20.52 -0.48 -0.13	22.35 -0.41 -0.10	22.34 -0.22 -0.16	22.75 -0.18 -0.33	28.12 -0.03 -0.33	29.66 0.12 -0.36	24.03 0.14 -0.36	23.77 0.14 -0.27	22.23 0.09 -0.28	21.96 -0.26 -0.14	20.90 -0.19 -0.15
LUTHERFT_115KV_GLOB_FND_222 355753	21.93 1.08 0.00	21.11 0.97 0.00	19.26 0.86 0.00	17.67 0.84 0.00	17.46 0.78 -1.17	17.47 0.80 -0.98	18.16 0.76 -1.81	18.68 0.74 -2.18	19.32 0.89 0.00	20.16 0.90 0.00	21.22 0.95 0.00	22.61 1.12 -0.68	25.12 1.14 -3.19	26.93 1.17 -4.89	27.62 1.31 -3.64	29.74 1.37 -5.97	36.27 1.33 -12.34	42.02 1.61 -12.60	44.44 1.81 -13.44	38.61 1.48 -13.60	35.07 1.50 -10.21	33.83 1.33 -10.63	28.91 1.41 -5.42	27.78 1.13 -5.72
LUTHERNY_35_KV_BK2 355980	21.95 1.11 0.00	21.13 0.99 0.00	19.26 0.86 0.00	17.67 0.84 0.00	17.48 0.79 -1.17	17.49 0.82 -0.98	18.18 0.78 -1.81	18.68 0.74 -2.18	19.34 0.90 0.00	20.16 0.90 0.00	21.22 0.95 0.00	22.63 1.14 -0.68	25.14 1.16 -3.19	26.93 1.17 -4.89	27.64 1.34 -3.64	29.74 1.37 -5.97	36.30 1.36 -12.34	42.05 1.64 -12.60	44.47 1.84 -13.44	38.63 1.51 -13.60	35.09 1.52 -10.21	33.85 1.36 -10.63	28.93 1.44 -5.42	27.80 1.15 -5.72
LWR___OSWEGATCHIE_HYD 23850	19.95 -0.90 0.00	19.32 -0.83 0.00	17.72 -0.68 0.00	16.24 -0.59 0.00	14.99 -0.54 -0.02	15.17 -0.53 -0.02	15.06 -0.56 -0.04	15.27 -0.54 -0.04	17.72 -0.72 0.00	18.47 -0.79 0.00	19.33 -0.93 0.00	19.86 -0.96 -0.01	19.87 -0.98 -0.06	19.99 -0.98 -0.10	21.62 -1.11 -0.07	21.53 -0.99 -0.12	21.92 -0.93 -0.24	27.03 -1.03 -0.25	28.49 -0.96 -0.26	23.09 -0.71 -0.27	22.84 -0.72 -0.20	21.33 -0.74 -0.21	21.19 -0.99 -0.11	20.25 -0.80 -0.11
LYONS_FALL_HYD 23570	20.89 0.04 0.00	20.13 -0.02 0.00	18.40 0.00 0.00	16.80 -0.03 0.00	15.51 -0.03 -0.03	15.71 0.00 -0.02	15.64 0.00 -0.05	15.80 -0.02 -0.05	18.33 -0.11 0.00	19.10 -0.15 0.00	20.10 -0.16 0.00	20.66 -0.17 -0.02	20.70 -0.17 -0.08	20.87 -0.12 -0.12	22.71 -0.05 -0.09	22.62 0.07 -0.15	23.00 0.09 -0.31	28.41 0.28 -0.32	29.94 0.41 -0.34	24.20 0.33 -0.34	23.92 0.30 -0.26	22.39 0.26 -0.27	22.24 0.02 -0.14	21.14 0.06 -0.14
MADISON___COUNTY_LFGE 323628	21.27 0.42 0.00	20.47 0.32 0.00	18.69 0.29 0.00	17.05 0.22 0.00	15.75 0.19 -0.05	15.93 0.20 -0.04	15.90 0.23 -0.08	16.07 0.22 -0.09	18.68 0.24 0.00	19.49 0.23 0.00	20.57 0.30 0.00	21.13 0.29 -0.03	21.23 0.31 -0.14	21.43 0.35 -0.21	23.31 0.50 -0.15	23.17 0.52 -0.25	23.65 0.52 -0.52	29.10 0.75 -0.53	30.61 0.85 -0.57	24.76 0.66 -0.58	24.45 0.65 -0.43	22.90 0.59 -0.45	22.81 0.51 -0.23	21.62 0.44 -0.24
MALONE___115KV_TB1 356076	20.45 -0.40 0.00	20.00 -0.14 0.00	18.29 -0.11 0.00	16.78 -0.05 0.00	15.47 -0.05 0.00	15.66 -0.03 0.00	15.56 -0.03 0.00	15.84 0.08 0.00	18.57 0.13 0.00	19.39 0.13 0.00	20.28 0.02 0.00	20.81 0.00 0.00	20.77 -0.02 0.00	20.79 -0.08 0.00	22.37 -0.29 0.00	22.13 -0.27 0.00	22.42 -0.18 0.00	27.54 -0.28 0.00	28.81 -0.38 0.00	23.31 -0.21 0.00	23.13 -0.23 0.00	21.42 -0.44 0.00	21.53 -0.55 0.00	20.60 -0.33 0.00
MAPLEWOD_115KV_TB3 80458	21.68 0.83 0.00	20.87 0.73 0.00	19.04 0.64 0.00	17.49 0.66 0.00	17.26 0.60 -1.14	17.26 0.61 -0.96	17.96 0.61 -1.76	18.44 0.55 -2.12	19.16 0.72 0.00	19.97 0.71 0.00	20.99 0.73 0.00	22.38 0.92 -0.66	24.81 0.91 -3.11	26.57 0.94 -4.75	27.25 1.04 -3.55	29.27 1.05 -5.81	35.65 1.04 -12.01	41.35 1.28 -12.26	43.64 1.37 -13.08	37.89 1.13 -13.24	34.42 1.12 -9.94	33.24 1.03 -10.35	28.41 1.06 -5.27	27.31 0.82 -5.56
MAPLE RIDGE_WT_1 323574	20.66 -0.19 0.00	20.01 -0.14 0.00	18.25 -0.15 0.00	16.65 -0.18 0.00	15.26 -0.25 0.00	15.33 -0.36 0.00	15.14 -0.45 0.00	15.29 -0.47 0.00	17.89 -0.55 0.00	18.72 -0.54 0.00	19.74 -0.53 0.00	20.25 -0.56 0.00	20.21 -0.58 0.00	20.29 -0.58 0.00	22.05 -0.61 0.00	21.82 -0.58 0.00	22.11 -0.50 0.00	27.34 -0.47 0.00	28.78 -0.41 0.00	23.17 -0.35 0.00	22.87 -0.49 0.00	21.27 -0.59 0.00	21.37 -0.71 0.00	20.25 -0.69 0.00

MAPLE_RIDGE_WT_2 323611	20.66 -0.19 0.00	20.01 -0.14 0.00	18.25 -0.15 0.00	16.65 -0.18 0.00	15.26 -0.25 0.00	15.33 -0.36 0.00	15.14 -0.45 0.00	15.29 -0.47 0.00	17.89 -0.55 0.00	18.72 -0.54 0.00	19.74 -0.53 0.00	20.25 -0.56 0.00	20.21 -0.58 0.00	20.29 -0.58 0.00	22.05 -0.61 0.00	21.82 -0.58 0.00	22.11 -0.50 0.00	27.34 -0.47 0.00	28.78 -0.41 0.00	23.17 -0.35 0.00	22.87 -0.49 0.00	21.27 -0.59 0.00	21.37 -0.71 0.00	20.25 -0.69 0.00
MARBLE_RIVER_WT_PWR 323696	20.60 -0.25 0.00	20.13 -0.02 0.00	18.40 0.00 0.00	16.92 0.08 0.00	15.61 0.09 0.00	15.78 0.09 0.00	15.65 0.06 0.00	15.92 0.16 0.00	18.68 0.24 0.00	19.50 0.25 0.00	20.45 0.18 0.00	20.95 0.15 0.00	20.89 0.10 0.00	20.85 -0.02 0.00	22.53 -0.14 0.00	22.29 -0.11 0.00	22.56 -0.05 0.00	27.68 -0.14 0.00	28.93 -0.26 0.00	23.36 -0.16 0.00	23.17 -0.19 0.00	21.49 -0.37 0.00	21.61 -0.46 0.00	20.48 -0.46 0.00
MARSHVLE_115KV_TB1 80742	22.45 1.61 0.00	21.62 1.47 0.00	19.69 1.29 0.00	18.04 1.21 0.00	18.06 1.13 -1.41	18.05 1.18 -1.19	18.87 1.11 -2.18	19.53 1.13 -2.63	19.82 1.38 0.00	20.66 1.41 0.00	21.76 1.50 0.00	23.29 1.66 -0.81	26.32 1.68 -3.85	28.47 1.71 -5.89	28.94 1.88 -4.39	31.55 1.95 -7.20	39.47 1.99 -14.87	45.53 2.53 -15.19	48.23 2.83 -16.20	42.21 2.28 -16.40	38.10 2.43 -12.32	36.84 2.16 -12.82	30.77 2.16 -6.53	29.63 1.80 -6.89
MARSH_HILL_WT_PWR 323713	21.16 0.31 0.00	20.27 0.12 0.00	18.38 -0.02 0.00	16.68 -0.15 0.00	15.35 -0.33 -0.17	15.52 -0.31 -0.14	15.51 -0.34 -0.26	15.55 -0.52 -0.31	17.81 -0.63 0.00	18.58 -0.67 0.00	19.51 -0.75 0.00	20.03 -0.87 -0.10	20.39 -0.85 -0.46	20.95 -0.63 -0.70	22.64 -0.54 -0.52	22.77 -0.49 -0.86	23.81 -0.56 -1.77	39.55 -0.64 -12.37	41.92 -0.50 -13.22	25.17 -0.31 -1.95	24.67 -0.16 -1.47	23.35 -0.04 -1.53	22.99 0.13 -0.78	21.78 0.02 -0.82
MCINTYRE_115KV_TB2 80467	20.33 -0.52 0.00	19.76 -0.38 0.00	18.18 -0.22 0.00	16.63 -0.20 0.00	15.31 -0.20 0.00	15.50 -0.19 0.00	15.42 -0.17 0.00	15.63 -0.13 0.00	18.27 -0.17 0.00	19.04 -0.21 0.00	19.86 -0.41 0.00	20.41 -0.40 0.00	20.39 -0.39 0.00	20.45 -0.42 0.00	22.03 -0.63 0.00	21.80 -0.60 0.00	22.08 -0.52 0.00	27.20 -0.61 0.00	28.61 -0.58 0.00	23.20 -0.33 0.00	23.01 -0.35 0.00	21.42 -0.44 0.00	21.50 -0.57 0.00	20.64 -0.29 0.00
MECO____69_KV_BK1 80468	22.98 2.13 0.00	22.10 1.95 0.00	20.09 1.69 0.00	18.21 1.38 0.00	18.17 1.32 -1.34	18.16 1.35 -1.13	19.18 1.53 -2.06	19.80 1.54 -2.49	20.34 1.90 0.00	21.20 1.94 0.00	22.31 2.05 0.00	23.87 2.29 -0.77	26.74 2.31 -3.65	28.77 2.32 -5.58	29.50 2.67 -4.16	32.05 2.82 -6.82	39.59 2.89 -14.10	45.85 3.64 -14.39	48.69 4.15 -15.36	42.45 3.39 -15.54	38.51 3.48 -11.67	37.07 3.06 -12.15	31.34 3.07 -6.19	30.02 2.55 -6.53
MENANDS__115KV_TB5 355628	21.58 0.73 0.00	20.77 0.62 0.00	18.95 0.55 0.00	17.42 0.59 0.00	17.18 0.53 -1.14	17.19 0.55 -0.96	17.87 0.53 -1.75	18.37 0.49 -2.12	19.06 0.63 0.00	19.87 0.62 0.00	20.89 0.63 0.00	22.25 0.79 -0.66	24.70 0.81 -3.10	26.45 0.83 -4.74	27.11 0.91 -3.54	29.12 0.92 -5.80	35.49 0.90 -11.98	41.13 1.08 -12.23	43.41 1.17 -13.05	37.70 0.96 -13.20	34.23 0.96 -9.92	33.08 0.90 -10.32	28.24 0.91 -5.26	27.18 0.69 -5.55
MG INDUSTRY__DRP 24185	21.62 0.77 0.00	20.81 0.66 0.00	19.01 0.61 0.00	17.44 0.61 0.00	17.18 0.56 -1.11	17.18 0.56 -0.93	17.86 0.56 -1.71	18.35 0.52 -2.06	19.10 0.66 0.00	19.91 0.65 0.00	20.93 0.67 0.00	22.26 0.81 -0.64	24.64 0.83 -3.02	26.33 0.83 -4.62	27.04 0.93 -3.45	29.01 0.96 -5.65	35.22 0.95 -11.66	40.86 1.14 -11.91	43.15 1.26 -12.71	37.42 1.04 -12.86	34.05 1.03 -9.66	32.88 0.96 -10.05	28.19 0.99 -5.12	27.14 0.80 -5.40
MID__OSWEGATCHIE_HYD 23849	19.95 -0.90 0.00	19.32 -0.83 0.00	17.72 -0.68 0.00	16.24 -0.59 0.00	14.99 -0.54 -0.02	15.17 -0.53 -0.02	15.06 -0.56 -0.04	15.27 -0.54 -0.04	17.72 -0.72 0.00	18.47 -0.79 0.00	19.33 -0.93 0.00	19.86 -0.96 -0.01	19.87 -0.98 -0.06	19.99 -0.98 -0.10	21.62 -1.11 -0.07	21.53 -0.99 -0.12	21.92 -0.93 -0.24	27.03 -1.03 -0.25	28.49 -0.96 -0.26	23.09 -0.71 -0.27	22.84 -0.72 -0.20	21.33 -0.74 -0.21	21.19 -0.99 -0.11	20.25 -0.80 -0.11
MID__RAQUETTE_HYD 23851	19.77 -1.08 0.00	19.24 -0.91 0.00	17.68 -0.72 0.00	16.18 -0.66 0.00	14.91 -0.60 0.00	15.08 -0.61 0.00	15.01 -0.58 0.00	15.24 -0.52 0.00	17.81 -0.63 0.00	18.56 -0.69 0.00	19.35 -0.91 0.00	19.89 -0.92 0.00	19.85 -0.94 0.00	19.91 -0.96 0.00	21.44 -1.22 0.00	21.24 -1.16 0.00	21.52 -1.08 0.00	26.48 -1.34 0.00	27.82 -1.37 0.00	22.52 -1.01 0.00	22.33 -1.03 0.00	20.79 -1.07 0.00	20.86 -1.21 0.00	19.99 -0.94 0.00
MILLIKEN__1 23584	21.27 0.42 0.00	20.47 0.32 0.00	18.66 0.26 0.00	17.03 0.20 0.00	15.85 0.17 -0.16	16.01 0.19 -0.14	16.06 0.22 -0.25	16.29 0.22 -0.30	18.66 0.22 0.00	19.47 0.21 0.00	20.53 0.26 0.00	21.11 0.21 -0.09	21.46 0.23 -0.45	21.85 0.29 -0.68	23.62 0.45 -0.51	23.68 0.45 -0.83	24.78 0.45 -1.72	31.03 0.67 -2.54	32.72 0.82 -2.72	26.01 0.59 -1.90	25.42 0.63 -1.43	23.91 0.57 -1.48	23.41 0.57 -0.76	22.19 0.46 -0.80
MILLIKEN__2 23585	21.27 0.42 0.00	20.47 0.32 0.00	18.66 0.26 0.00	17.03 0.20 0.00	15.85 0.17 -0.16	16.01 0.19 -0.14	16.06 0.22 -0.25	16.29 0.22 -0.30	18.66 0.22 0.00	19.47 0.21 0.00	20.53 0.26 0.00	21.11 0.21 -0.09	21.46 0.23 -0.45	21.85 0.29 -0.68	23.62 0.45 -0.51	23.68 0.45 -0.83	24.78 0.45 -1.72	31.03 0.67 -2.54	32.72 0.82 -2.72	26.01 0.59 -1.90	25.42 0.63 -1.43	23.91 0.57 -1.48	23.41 0.57 -0.76	22.19 0.46 -0.80
MILLIKEN__DIESEL 23629	21.27 0.42 0.00	20.47 0.32 0.00	18.66 0.26 0.00	17.03 0.20 0.00	15.85 0.17 -0.16	16.01 0.19 -0.14	16.06 0.22 -0.25	16.29 0.22 -0.30	18.66 0.22 0.00	19.47 0.21 0.00	20.53 0.26 0.00	21.11 0.21 -0.09	21.46 0.23 -0.45	21.85 0.29 -0.68	23.62 0.45 -0.51	23.68 0.45 -0.83	24.78 0.45 -1.72	31.03 0.67 -2.54	32.72 0.82 -2.72	26.01 0.59 -1.90	25.42 0.63 -1.43	23.91 0.57 -1.48	23.41 0.57 -0.76	22.19 0.46 -0.80
MILLSEAT__LFGE 323607	20.77 -0.08 0.00	19.86 -0.28 0.00	18.12 -0.28 0.00	16.48 -0.35 0.00	15.25 -0.39 -0.12	15.43 -0.36 -0.10	15.32 -0.45 -0.18	15.29 -0.69 -0.22	17.46 -0.98 0.00	18.25 -1.00 0.00	19.23 -1.03 0.00	19.84 -1.04 -0.07	20.12 -1.00 -0.33	20.66 -0.71 -0.50	22.36 -0.68 -0.37	22.39 -0.63 -0.61	23.01 -0.86 -1.26	26.21 -1.00 0.60	27.52 -1.02 0.65	24.09 -0.82 -1.39	23.73 -0.68 -1.05	22.56 -0.39 -1.09	22.54 -0.09 -0.55	21.42 -0.10 -0.59
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	22.20 1.36 0.00	21.33 1.19 0.00	19.47 1.07 0.00	17.81 0.98 0.00	17.30 0.92 -0.87	17.33 0.91 -0.73	17.85 0.92 -1.34	18.41 1.02 -1.62	19.69 1.25 0.00	20.64 1.39 0.00	21.74 1.48 0.00	23.02 1.71 -0.50	24.86 1.70 -2.37	26.19 1.69 -3.63	27.32 1.95 -2.70	28.74 1.90 -4.43	33.71 1.94 -9.16	39.53 2.36 -9.35	41.56 2.39 -9.98	35.46 1.84 -10.10	32.74 1.80 -7.58	31.50 1.75 -7.89	27.87 1.77 -4.02	26.56 1.38 -4.24

MILLWOOD_13_KV_LOAD 356217	22.25 1.40 0.00	21.35 1.21 0.00	19.50 1.10 0.00	17.82 0.99 0.00	17.33 0.95 -0.87	17.38 0.96 -0.73	17.88 0.95 -1.34	18.47 1.09 -1.62	19.77 1.33 0.00	20.72 1.46 0.00	21.84 1.58 0.00	23.14 1.83 -0.50	24.99 1.83 -2.37	26.34 1.84 -3.63	27.47 2.11 -2.70	28.90 2.06 -4.43	33.86 2.10 -9.16	39.72 2.56 -9.35	41.80 2.63 -9.98	35.60 1.98 -10.10	32.90 1.96 -7.58	31.61 1.86 -7.89	27.95 1.85 -4.02	26.64 1.47 -4.24
MODEL_CITY_ENERGY 24167	20.22 -0.62 0.00	19.36 -0.79 0.00	17.72 -0.68 0.00	16.07 -0.76 0.00	14.85 -0.79 -0.13	15.03 -0.77 -0.11	14.93 -0.86 -0.19	14.86 -1.13 -0.23	16.95 -1.49 0.00	17.73 -1.52 0.00	18.64 -1.62 0.00	19.24 -1.64 -0.07	19.53 -1.60 -0.34	20.08 -1.31 -0.53	21.72 -1.34 -0.39	21.74 -1.30 -0.64	22.37 -1.56 -1.33	25.09 -1.75 0.97	26.28 -1.87 1.04	23.34 -1.65 -1.46	22.96 -1.50 -1.10	21.87 -1.14 -1.14	21.89 -0.77 -0.58	20.80 -0.75 -0.61
MODERN_LFGE_ 323580	20.22 -0.62 0.00	19.36 -0.79 0.00	17.72 -0.68 0.00	16.07 -0.76 0.00	14.85 -0.79 -0.13	15.03 -0.77 -0.11	14.93 -0.86 -0.19	14.86 -1.13 -0.23	16.95 -1.49 0.00	17.73 -1.52 0.00	18.64 -1.62 0.00	19.24 -1.64 -0.07	19.53 -1.60 -0.34	20.08 -1.31 -0.53	21.72 -1.34 -0.39	21.74 -1.30 -0.64	22.37 -1.56 -1.33	25.09 -1.75 0.97	26.28 -1.87 1.04	23.34 -1.65 -1.46	22.96 -1.50 -1.10	21.87 -1.14 -1.14	21.89 -0.77 -0.58	20.80 -0.75 -0.61
MOHAWK_PAPER___DRP 24187	21.68 0.83 0.00	20.87 0.73 0.00	19.04 0.64 0.00	17.49 0.66 0.00	17.26 0.60 -1.14	17.26 0.61 -0.96	17.96 0.61 -1.76	18.44 0.55 -2.12	19.16 0.72 0.00	19.97 0.71 0.00	20.99 0.73 0.00	22.38 0.92 -0.66	24.81 0.91 -3.11	26.57 0.94 -4.75	27.25 1.04 -3.55	29.27 1.05 -5.81	35.65 1.04 -12.01	41.35 1.28 -12.26	43.64 1.37 -13.08	37.89 1.13 -13.24	34.42 1.12 -9.94	33.24 1.03 -10.35	28.41 1.06 -5.27	27.31 0.82 -5.56
MOHICAN__35_KV_115KV_LD 80490	21.83 0.98 0.00	21.03 0.89 0.00	19.17 0.77 0.00	17.57 0.74 0.00	17.40 0.71 -1.17	17.41 0.74 -0.99	18.10 0.70 -1.81	18.62 0.68 -2.19	19.21 0.77 0.00	20.02 0.77 0.00	21.07 0.81 0.00	22.48 1.00 -0.68	24.98 1.00 -3.19	26.76 1.00 -4.89	27.47 1.16 -3.65	29.63 1.25 -5.98	36.17 1.22 -12.35	41.90 1.47 -12.61	44.37 1.72 -13.45	38.58 1.44 -13.61	35.03 1.45 -10.23	33.75 1.25 -10.64	28.91 1.41 -5.42	27.73 1.07 -5.72
MONGAUP___HYD 23641	21.95 1.10 0.00	21.11 0.97 0.00	19.32 0.92 0.00	17.64 0.81 0.00	16.99 0.70 -0.78	17.00 0.66 -0.65	17.39 0.61 -1.20	17.87 0.66 -1.45	19.27 0.83 0.00	20.10 0.85 0.00	21.18 0.91 0.00	22.36 1.10 -0.45	24.00 1.10 -2.11	25.23 1.13 -3.23	26.37 1.29 -2.41	27.63 1.28 -3.95	31.97 1.20 -8.17	37.49 1.34 -8.34	39.52 1.43 -8.90	33.78 1.25 -9.00	31.31 1.19 -6.76	30.19 1.29 -7.04	27.03 1.37 -3.59	25.91 1.19 -3.78
MONTAUK___DIESEL 23721	36.20 3.63 -11.72	29.35 3.32 -5.88	26.31 3.00 -4.91	24.42 2.78 -4.81	20.17 2.58 -2.08	20.17 2.59 -1.89	21.15 2.53 -3.03	21.69 2.65 -3.28	27.55 3.15 -5.96	31.25 3.56 -8.43	35.00 3.91 -10.83	40.02 4.18 -15.03	48.39 4.24 -23.36	53.31 4.34 -28.10	58.72 4.89 -31.16	132.99 4.88 -105.70	136.96 4.93 -109.43	140.36 6.09 -106.46	137.60 6.28 -102.13	130.28 4.94 -101.82	110.70 4.79 -82.55	45.86 4.50 -19.49	45.48 4.72 -18.67	40.10 4.15 -15.02
MOONROAD_115KV_HARTFLD_TB1-2 355988	21.20 0.35 0.00	19.98 -0.16 0.00	18.07 -0.33 0.00	16.34 -0.49 0.00	14.99 -0.67 -0.14	15.17 -0.64 -0.12	15.00 -0.81 -0.22	14.96 -1.07 -0.27	17.24 -1.20 0.00	18.12 -1.14 0.00	19.05 -1.22 0.00	19.46 -1.44 -0.08	19.89 -1.29 -0.39	20.24 -1.23 -0.60	22.11 -1.00 -0.45	22.37 -0.76 -0.73	23.26 -0.86 -1.52	25.58 -1.25 0.98	26.79 -1.34 1.05	24.28 -0.92 -1.67	23.87 -0.75 -1.25	22.86 -0.31 -1.31	22.94 0.20 -0.67	21.53 -0.10 -0.70
MORTIMER_115KV_TB3 55949	20.77 -0.08 0.00	19.90 -0.24 0.00	18.14 -0.26 0.00	16.56 -0.27 0.00	15.43 -0.19 -0.10	15.62 -0.16 -0.09	15.53 -0.22 -0.16	15.62 -0.33 -0.19	17.87 -0.57 0.00	18.68 -0.58 0.00	19.70 -0.57 0.00	20.33 -0.54 -0.06	20.59 -0.48 -0.28	20.84 -0.46 -0.43	22.78 -0.20 -0.32	22.70 -0.22 -0.52	23.32 -0.36 -1.08	28.33 -0.58 -1.10	29.79 -0.58 -1.18	24.39 -0.33 -1.19	23.97 -0.28 -0.89	22.70 -0.09 -0.93	22.62 0.07 -0.47	21.46 0.02 -0.50
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	22.39 1.54 0.00	21.50 1.35 0.00	19.61 1.21 0.00	17.93 1.09 0.00	17.43 1.04 -0.88	17.44 1.02 -0.74	17.97 1.03 -1.35	18.56 1.17 -1.63	19.84 1.40 0.00	20.81 1.56 0.00	21.97 1.70 0.00	23.21 1.89 -0.50	25.08 1.91 -2.38	26.44 1.92 -3.65	27.58 2.20 -2.72	29.01 2.15 -4.46	33.99 2.17 -9.22	39.84 2.61 -9.41	41.92 2.69 -10.04	35.73 2.05 -10.16	32.98 1.99 -7.63	31.75 1.95 -7.94	28.11 1.99 -4.05	26.82 1.61 -4.27
MUNSVILLE_WIND_PWR 323609	22.27 1.42 0.00	21.35 1.21 0.00	19.48 1.09 0.00	17.71 0.87 0.00	16.50 0.74 -0.24	16.68 0.78 -0.20	16.77 0.81 -0.37	16.98 0.77 -0.45	19.29 0.85 0.00	20.08 0.83 0.00	21.20 0.93 0.00	21.86 0.91 -0.14	22.42 0.98 -0.66	22.98 1.11 -1.01	24.80 1.38 -0.75	25.07 1.43 -1.23	26.64 1.49 -2.54	33.08 2.14 -3.13	35.07 2.54 -3.34	28.28 1.95 -2.80	27.43 1.96 -2.10	25.87 1.81 -2.19	24.89 1.70 -1.12	23.73 1.61 -1.18
N SALMON___HYD 24042	20.49 -0.35 0.00	20.01 -0.14 0.00	18.29 -0.11 0.00	16.78 -0.05 0.00	15.47 -0.05 0.00	15.66 -0.03 0.00	15.56 -0.03 0.00	15.84 0.08 0.00	18.57 0.13 0.00	19.39 0.14 0.00	20.28 0.02 0.00	20.81 0.00 0.00	20.77 -0.02 0.00	20.73 -0.15 0.00	22.37 -0.30 0.00	22.13 -0.27 0.00	22.42 -0.18 0.00	27.54 -0.28 0.00	28.81 -0.38 0.00	23.31 -0.21 0.00	23.13 -0.23 0.00	21.42 -0.44 0.00	21.53 -0.55 0.00	20.41 -0.52 0.00
N.AKRON__115KV_KNAPP 355671	20.77 -0.08 0.00	19.86 -0.28 0.00	18.09 -0.31 0.00	16.46 -0.37 0.00	15.23 -0.40 -0.12	15.43 -0.36 -0.10	15.32 -0.45 -0.19	15.31 -0.68 -0.23	17.46 -0.98 0.00	18.25 -1.00 0.00	19.19 -1.07 0.00	19.80 -1.08 -0.07	20.12 -1.00 -0.33	20.39 -0.98 -0.50	22.38 -0.66 -0.38	22.39 -0.63 -0.62	23.02 -0.86 -1.27	26.17 -0.97 0.67	27.48 -0.99 0.72	24.11 -0.82 -1.40	23.74 -0.68 -1.05	22.59 -0.37 -1.10	22.57 -0.07 -0.56	21.34 -0.19 -0.59
N.BELMOR_69_KV_BK1 55787	34.53 1.96 -11.72	27.80 1.77 -5.88	24.91 1.60 -4.91	23.11 1.46 -4.81	18.94 1.35 -2.08	18.93 1.35 -1.89	19.97 1.34 -3.03	20.51 1.47 -3.28	26.15 1.75 -5.96	29.61 1.93 -8.43	33.04 2.03 -10.75	34.23 2.25 -11.17	46.35 2.20 -23.36	48.66 2.15 -25.64	56.28 2.47 -31.15	53.59 2.42 -28.77	54.87 2.46 -29.81	70.72 2.98 -39.93	51.88 3.07 -19.62	43.71 2.42 -17.76	53.34 2.38 -27.59	43.65 2.30 -19.49	34.04 2.45 -9.51	33.58 2.03 -10.62
N.E._GEN_SANDY PD 24062	21.89 1.04 0.00	21.09 0.95 0.00	19.26 0.86 0.00	17.67 0.84 0.00	17.28 0.74 -1.02	17.31 0.77 -0.86	17.93 0.76 -1.57	18.40 0.74 -1.90	19.34 0.90 0.00	20.14 0.89 0.00	21.20 0.93 0.00	22.54 1.14 -0.59	24.71 1.14 -2.78	26.27 1.15 -4.25	27.08 1.25 -3.17	28.81 1.21 -5.20	34.54 1.20 -10.74	40.25 1.47 -10.97	42.41 1.52 -11.70	36.61 1.25 -11.84	33.51 1.26 -8.89	32.32 1.20 -9.26	28.03 1.24 -4.72	27.00 1.09 -4.98

N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	22.16 1.31 0.00	21.29 1.15 0.00	19.43 1.03 0.00	17.77 0.94 0.00	17.20 0.85 -0.84	17.24 0.85 -0.70	17.73 0.86 -1.29	18.28 0.96 -1.56	19.62 1.18 0.00	20.54 1.29 0.00	21.66 1.40 0.00	22.89 1.60 -0.48	24.64 1.58 -2.27	25.94 1.59 -3.48	27.09 1.84 -2.60	28.45 1.79 -4.26	33.20 1.81 -8.79	38.99 2.20 -8.98	40.99 2.22 -9.58	34.94 1.72 -9.69	32.32 1.68 -7.28	31.08 1.64 -7.58	27.59 1.66 -3.86	26.31 1.30 -4.07
N.QUEENS_27_KV_LOAD 356247	22.63 1.77 -0.01	21.71 1.55 -0.01	19.77 1.36 -0.01	18.10 1.26 -0.01	17.59 1.19 -0.88	17.64 1.21 -0.74	18.08 1.14 -1.35	18.72 1.32 -1.63	19.86 1.42 0.00	20.95 1.69 0.00	22.18 1.90 -0.01	23.42 2.10 -0.51	25.29 2.12 -2.38	26.63 2.11 -3.65	27.84 2.45 -2.73	29.24 2.37 -4.46	34.27 2.44 -9.22	40.15 2.92 -9.42	42.22 2.98 -10.05	35.92 2.24 -10.16	33.09 2.10 -7.63	32.00 2.19 -7.95	28.34 2.21 -4.05	27.04 1.82 -4.28
N.TROY___115KV_TB1 355778	21.79 0.94 0.00	20.97 0.83 0.00	19.15 0.75 0.00	17.56 0.72 0.00	17.33 0.67 -1.15	17.33 0.67 -0.96	18.03 0.67 -1.77	18.51 0.61 -2.14	19.21 0.77 0.00	19.99 0.73 0.00	21.03 0.77 0.00	22.43 0.96 -0.66	24.87 0.96 -3.13	26.64 0.98 -4.79	27.30 1.07 -3.57	29.33 1.08 -5.85	35.75 1.06 -12.09	41.46 1.31 -12.34	43.76 1.40 -13.17	38.03 1.18 -13.32	34.56 1.19 -10.01	33.37 1.09 -10.42	28.51 1.13 -5.31	27.44 0.90 -5.60
NARROWS_GT1_1 24228	22.57 1.71 -0.01	21.71 1.55 -0.01	19.80 1.40 -0.01	18.09 1.25 -0.01	17.56 1.16 -0.88	17.55 1.13 -0.74	18.03 1.09 -1.35	18.65 1.26 -1.63	19.89 1.46 0.00	20.95 1.69 0.00	22.14 1.86 -0.01	35.96 2.08 -13.07	25.25 2.08 -2.38	26.63 2.09 -3.67	27.79 2.40 -2.73	29.23 2.33 -4.50	73.35 2.37 -48.37	73.60 2.84 -42.95	70.08 2.89 -38.00	69.38 2.19 -43.66	38.83 2.13 -13.34	44.77 2.16 -20.75	28.32 2.19 -4.05	32.75 1.88 -9.93
NARROWS_GT1_2 24229	22.57 1.71 -0.01	21.71 1.55 -0.01	19.80 1.40 -0.01	18.09 1.25 -0.01	17.56 1.16 -0.88	17.55 1.13 -0.74	18.03 1.09 -1.35	18.65 1.26 -1.63	19.89 1.46 0.00	20.95 1.69 0.00	22.14 1.86 -0.01	35.96 2.08 -13.07	25.25 2.08 -2.38	26.63 2.09 -3.67	27.79 2.40 -2.73	29.23 2.33 -4.50	73.35 2.37 -48.37	73.60 2.84 -42.95	70.08 2.89 -38.00	69.38 2.19 -43.66	38.83 2.13 -13.34	44.77 2.16 -20.75	28.32 2.19 -4.05	32.75 1.88 -9.93
NARROWS_GT1_3 24230	22.57 1.71 -0.01	21.71 1.55 -0.01	19.80 1.40 -0.01	18.09 1.25 -0.01	17.56 1.16 -0.88	17.55 1.13 -0.74	18.03 1.09 -1.35	18.65 1.26 -1.63	19.89 1.46 0.00	20.95 1.69 0.00	22.14 1.86 -0.01	35.96 2.08 -13.07	25.25 2.08 -2.38	26.63 2.09 -3.67	27.79 2.40 -2.73	29.23 2.33 -4.50	73.35 2.37 -48.37	73.60 2.84 -42.95	70.08 2.89 -38.00	69.38 2.19 -43.66	38.83 2.13 -13.34	44.77 2.16 -20.75	28.32 2.19 -4.05	32.75 1.88 -9.93
NARROWS_GT1_4 24231	22.57 1.71 -0.01	21.71 1.55 -0.01	19.80 1.40 -0.01	18.09 1.25 -0.01	17.56 1.16 -0.88	17.55 1.13 -0.74	18.03 1.09 -1.35	18.65 1.26 -1.63	19.89 1.46 0.00	20.95 1.69 0.00	22.14 1.86 -0.01	35.96 2.08 -13.07	25.25 2.08 -2.38	26.63 2.09 -3.67	27.79 2.40 -2.73	29.23 2.33 -4.50	73.35 2.37 -48.37	73.60 2.84 -42.95	70.08 2.89 -38.00	69.38 2.19 -43.66	38.83 2.13 -13.34	44.77 2.16 -20.75	28.32 2.19 -4.05	32.75 1.88 -9.93
NARROWS_GT1_5 24232	22.57 1.71 -0.01	21.71 1.55 -0.01	19.80 1.40 -0.01	18.09 1.25 -0.01	17.56 1.16 -0.88	17.55 1.13 -0.74	18.03 1.09 -1.35	18.65 1.26 -1.63	19.89 1.46 0.00	20.95 1.69 0.00	22.14 1.86 -0.01	35.96 2.08 -13.07	25.25 2.08 -2.38	26.63 2.09 -3.67	27.79 2.40 -2.73	29.23 2.33 -4.50	73.35 2.37 -48.37	73.60 2.84 -42.95	70.08 2.89 -38.00	69.38 2.19 -43.66	38.83 2.13 -13.34	44.77 2.16 -20.75	28.32 2.19 -4.05	32.75 1.88 -9.93
NARROWS_GT1_6 24233	22.57 1.71 -0.01	21.71 1.55 -0.01	19.80 1.40 -0.01	18.09 1.25 -0.01	17.56 1.16 -0.88	17.55 1.13 -0.74	18.03 1.09 -1.35	18.65 1.26 -1.63	19.89 1.46 0.00	20.95 1.69 0.00	22.14 1.86 -0.01	35.96 2.08 -13.07	25.25 2.08 -2.38	26.63 2.09 -3.67	27.79 2.40 -2.73	29.23 2.33 -4.50	73.35 2.37 -48.37	73.60 2.84 -42.95	70.08 2.89 -38.00	69.38 2.19 -43.66	38.83 2.13 -13.34	44.77 2.16 -20.75	28.32 2.19 -4.05	32.75 1.88 -9.93
NARROWS_GT1_7 24234	22.57 1.71 -0.01	21.71 1.55 -0.01	19.80 1.40 -0.01	18.09 1.25 -0.01	17.56 1.16 -0.88	17.55 1.13 -0.74	18.03 1.09 -1.35	18.65 1.26 -1.63	19.89 1.46 0.00	20.95 1.69 0.00	22.14 1.86 -0.01	35.96 2.08 -13.07	25.25 2.08 -2.38	26.63 2.09 -3.67	27.79 2.40 -2.73	29.23 2.33 -4.50	73.35 2.37 -48.37	73.60 2.84 -42.95	70.08 2.89 -38.00	69.38 2.19 -43.66	38.83 2.13 -13.34	44.77 2.16 -20.75	28.32 2.19 -4.05	32.75 1.88 -9.93
NARROWS_GT1_8 24235	22.57 1.71 -0.01	21.71 1.55 -0.01	19.80 1.40 -0.01	18.09 1.25 -0.01	17.56 1.16 -0.88	17.55 1.13 -0.74	18.03 1.09 -1.35	18.65 1.26 -1.63	19.89 1.46 0.00	20.95 1.69 0.00	22.14 1.86 -0.01	35.96 2.08 -13.07	25.25 2.08 -2.38	26.63 2.09 -3.67	27.79 2.40 -2.73	29.23 2.33 -4.50	73.35 2.37 -48.37	73.60 2.84 -42.95	70.08 2.89 -38.00	69.38 2.19 -43.66	38.83 2.13 -13.34	44.77 2.16 -20.75	28.32 2.19 -4.05	32.75 1.88 -9.93
NARROWS_GT2_1 24236	22.57 1.71 -0.01	21.71 1.55 -0.01	19.80 1.40 -0.01	18.09 1.25 -0.01	17.56 1.16 -0.88	17.55 1.13 -0.74	18.03 1.09 -1.35	18.65 1.26 -1.63	19.89 1.46 0.00	20.95 1.69 0.00	22.14 1.86 -0.01	35.96 2.08 -13.07	25.25 2.08 -2.38	26.63 2.09 -3.67	27.79 2.40 -2.73	29.23 2.33 -4.50	73.35 2.37 -48.37	73.60 2.84 -42.95	70.08 2.89 -38.00	69.38 2.19 -43.66	38.83 2.13 -13.34	44.77 2.16 -20.75	28.32 2.19 -4.05	32.75 1.88 -9.93
NARROWS_GT2_2 24237	22.57 1.71 -0.01	21.71 1.55 -0.01	19.80 1.40 -0.01	18.09 1.25 -0.01	17.56 1.16 -0.88	17.55 1.13 -0.74	18.03 1.09 -1.35	18.65 1.26 -1.63	19.89 1.46 0.00	20.95 1.69 0.00	22.14 1.86 -0.01	35.96 2.08 -13.07	25.25 2.08 -2.38	26.63 2.09 -3.67	27.79 2.40 -2.73	29.23 2.33 -4.50	73.35 2.37 -48.37	73.60 2.84 -42.95	70.08 2.89 -38.00	69.38 2.19 -43.66	38.83 2.13 -13.34	44.77 2.16 -20.75	28.32 2.19 -4.05	32.75 1.88 -9.93
NARROWS_GT2_3 24238	22.57 1.71 -0.01	21.71 1.55 -0.01	19.80 1.40 -0.01	18.09 1.25 -0.01	17.56 1.16 -0.88	17.55 1.13 -0.74	18.03 1.09 -1.35	18.65 1.26 -1.63	19.89 1.46 0.00	20.95 1.69 0.00	22.14 1.86 -0.01	35.96 2.08 -13.07	25.25 2.08 -2.38	26.63 2.09 -3.67	27.79 2.40 -2.73	29.23 2.33 -4.50	73.35 2.37 -48.37	73.60 2.84 -42.95	70.08 2.89 -38.00	69.38 2.19 -43.66	38.83 2.13 -13.34	44.77 2.16 -20.75	28.32 2.19 -4.05	32.75 1.88 -9.93
NARROWS_GT2_4 24239	22.57 1.71 -0.01	21.71 1.55 -0.01	19.80 1.40 -0.01	18.09 1.25 -0.01	17.56 1.16 -0.88	17.55 1.13 -0.74	18.03 1.09 -1.35	18.65 1.26 -1.63	19.89 1.46 0.00	20.95 1.69 0.00	22.14 1.86 -0.01	35.96 2.08 -13.07	25.25 2.08 -2.38	26.63 2.09 -3.67	27.79 2.40 -2.73	29.23 2.33 -4.50	73.35 2.37 -48.37	73.60 2.84 -42.95	70.08 2.89 -38.00	69.38 2.19 -43.66	38.83 2.13 -13.34	44.77 2.16 -20.75	28.32 2.19 -4.05	32.75 1.88 -9.93

NARROWS_GT2_5 24240	22.57 1.71 -0.01	21.71 1.55 -0.01	19.80 1.40 -0.01	18.09 1.25 -0.01	17.56 1.16 -0.88	17.55 1.13 -0.74	18.03 1.09 -1.35	18.65 1.26 -1.63	19.89 1.46 0.00	20.95 1.69 0.00	22.14 1.86 -0.01	35.96 2.08 -13.07	25.25 2.08 -2.38	26.63 2.09 -3.67	27.79 2.40 -2.73	29.23 2.33 -4.50	73.35 2.37 -48.37	73.60 2.84 -42.95	70.08 2.89 -38.00	69.38 2.19 -43.66	38.83 2.13 -13.34	44.77 2.16 -20.75	28.32 2.19 -4.05	32.75 1.88 -9.93
NARROWS_GT2_6 24241	22.57 1.71 -0.01	21.71 1.55 -0.01	19.80 1.40 -0.01	18.09 1.25 -0.01	17.56 1.16 -0.88	17.55 1.13 -0.74	18.03 1.09 -1.35	18.65 1.26 -1.63	19.89 1.46 0.00	20.95 1.69 0.00	22.14 1.86 -0.01	35.96 2.08 -13.07	25.25 2.08 -2.38	26.63 2.09 -3.67	27.79 2.40 -2.73	29.23 2.33 -4.50	73.35 2.37 -48.37	73.60 2.84 -42.95	70.08 2.89 -38.00	69.38 2.19 -43.66	38.83 2.13 -13.34	44.77 2.16 -20.75	28.32 2.19 -4.05	32.75 1.88 -9.93
NARROWS_GT2_7 24242	22.57 1.71 -0.01	21.71 1.55 -0.01	19.80 1.40 -0.01	18.09 1.25 -0.01	17.56 1.16 -0.88	17.55 1.13 -0.74	18.03 1.09 -1.35	18.65 1.26 -1.63	19.89 1.46 0.00	20.95 1.69 0.00	22.14 1.86 -0.01	35.96 2.08 -13.07	25.25 2.08 -2.38	26.63 2.09 -3.67	27.79 2.40 -2.73	29.23 2.33 -4.50	73.35 2.37 -48.37	73.60 2.84 -42.95	70.08 2.89 -38.00	69.38 2.19 -43.66	38.83 2.13 -13.34	44.77 2.16 -20.75	28.32 2.19 -4.05	32.75 1.88 -9.93
NARROWS_GT2_8 24243	22.57 1.71 -0.01	21.71 1.55 -0.01	19.80 1.40 -0.01	18.09 1.25 -0.01	17.56 1.16 -0.88	17.55 1.13 -0.74	18.03 1.09 -1.35	18.65 1.26 -1.63	19.89 1.46 0.00	20.95 1.69 0.00	22.14 1.86 -0.01	35.96 2.08 -13.07	25.25 2.08 -2.38	26.63 2.09 -3.67	27.79 2.40 -2.73	29.23 2.33 -4.50	73.35 2.37 -48.37	73.60 2.84 -42.95	70.08 2.89 -38.00	69.38 2.19 -43.66	38.83 2.13 -13.34	44.77 2.16 -20.75	28.32 2.19 -4.05	32.75 1.88 -9.93
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	21.83 0.98 0.00	20.97 0.83 0.00	19.13 0.74 0.00	17.61 0.77 0.00	17.10 0.53 -1.06	17.06 0.49 -0.89	17.67 0.45 -1.63	18.09 0.36 -1.97	19.01 0.57 0.00	19.79 0.54 0.00	20.77 0.51 0.00	22.04 0.62 -0.61	24.35 0.69 -2.88	25.97 0.69 -4.41	26.72 0.77 -3.29	28.64 0.85 -5.39	34.58 0.84 -11.13	40.27 1.08 -11.37	42.61 1.28 -12.13	36.93 1.13 -12.28	33.68 1.10 -9.22	32.57 1.11 -9.60	28.05 1.08 -4.89	26.95 0.86 -5.16
NCHELSEA_115KV_TR2 355582	22.27 1.42 0.00	21.35 1.21 0.00	19.50 1.10 0.00	17.84 1.01 0.00	17.26 0.87 -0.88	17.26 0.83 -0.74	17.77 0.83 -1.35	18.29 0.90 -1.64	19.56 1.12 0.00	20.47 1.21 0.00	21.56 1.30 0.00	22.85 1.54 -0.51	24.74 1.56 -2.39	26.08 1.54 -3.66	27.16 1.77 -2.73	28.64 1.77 -4.47	33.65 1.81 -9.24	39.44 2.20 -9.43	41.56 2.31 -10.06	35.50 1.79 -10.18	32.74 1.73 -7.65	31.55 1.73 -7.96	27.83 1.70 -4.06	26.60 1.38 -4.28
NEG CAPITAL___MECHNVIL 23645	21.91 1.06 0.00	21.11 0.97 0.00	19.26 0.86 0.00	17.66 0.82 0.00	17.45 0.78 -1.16	17.47 0.80 -0.98	18.15 0.76 -1.79	18.67 0.74 -2.17	19.34 0.90 0.00	20.16 0.91 0.00	21.24 0.97 0.00	22.64 1.16 -0.67	25.14 1.18 -3.17	26.94 1.21 -4.86	27.64 1.36 -3.62	29.73 1.39 -5.93	36.22 1.36 -12.26	42.00 1.67 -12.52	44.39 1.84 -13.36	38.55 1.51 -13.51	35.03 1.52 -10.15	33.76 1.33 -10.57	28.90 1.43 -5.38	27.85 1.23 -5.68
NEG CENTRAL_HIGH_ACRES 23767	20.41 -0.44 0.00	19.60 -0.54 0.00	17.86 -0.53 0.00	16.31 -0.52 0.00	15.19 -0.42 -0.10	15.38 -0.39 -0.08	15.32 -0.42 -0.15	15.46 -0.49 -0.18	17.74 -0.70 0.00	18.54 -0.71 0.00	19.60 -0.67 0.00	20.20 -0.67 -0.06	20.41 -0.64 -0.27	20.82 -0.46 -0.41	22.56 -0.41 -0.31	22.48 -0.43 -0.50	23.13 -0.52 -1.04	28.13 -0.75 -1.06	29.57 -0.76 -1.13	24.13 -0.54 -1.15	23.73 -0.49 -0.86	22.39 -0.37 -0.90	22.27 -0.26 -0.46	21.21 -0.21 -0.48
NEG CENTRAL___DRP 24199	20.95 0.10 0.00	20.15 0.00 0.00	18.34 -0.06 0.00	16.75 -0.08 0.00	15.53 -0.09 -0.11	15.70 -0.08 -0.09	15.69 -0.06 -0.17	15.87 -0.09 -0.20	18.29 -0.15 0.00	19.10 -0.15 0.00	20.14 -0.12 0.00	20.68 -0.19 -0.06	20.92 -0.17 -0.29	21.22 -0.10 -0.45	23.07 0.07 -0.34	23.02 0.07 -0.55	23.79 0.05 -1.14	30.06 0.06 -2.19	31.65 0.12 -2.34	24.90 0.12 -1.25	24.49 0.19 -0.94	23.02 0.17 -0.98	22.80 0.22 -0.50	21.57 0.10 -0.53
NEG CENTRAL___INDECK 23768	21.41 0.56 0.00	20.51 0.36 0.00	18.62 0.22 0.00	16.95 0.12 0.00	15.73 0.08 -0.14	15.92 0.11 -0.12	15.87 0.06 -0.22	15.90 -0.13 -0.26	18.05 -0.39 0.00	18.64 -0.62 0.00	19.49 -0.77 0.00	20.10 -0.79 -0.08	20.41 -0.77 -0.39	20.88 -0.58 -0.59	22.58 -0.52 -0.44	22.63 -0.49 -0.72	23.58 -0.52 -1.50	39.66 -0.50 -12.35	42.27 -0.12 -13.20	25.44 0.26 -1.65	25.09 0.49 -1.24	23.74 0.59 -1.29	23.46 0.73 -0.66	22.30 0.67 -0.69
NEG CENTRAL___SENECA 23627	21.04 0.19 0.00	20.21 0.06 0.00	18.38 -0.02 0.00	16.73 -0.10 0.00	15.51 -0.12 -0.12	15.69 -0.09 -0.10	15.73 -0.05 -0.18	15.87 -0.11 -0.22	18.25 -0.18 0.00	19.06 -0.19 0.00	20.08 -0.18 0.00	20.65 -0.23 -0.07	20.93 -0.19 -0.32	21.24 -0.13 -0.50	23.15 0.11 -0.37	23.12 0.11 -0.61	23.93 0.07 -1.25	30.75 0.03 -2.91	32.41 0.12 -3.10	25.07 0.16 -1.38	24.63 0.23 -1.04	23.21 0.26 -1.08	22.94 0.31 -0.55	21.68 0.17 -0.58
NEG CENTRAL___STATE_STREET 24147	21.04 0.19 0.00	20.23 0.08 0.00	18.42 0.02 0.00	16.97 0.13 0.00	15.74 0.12 -0.11	15.93 0.16 -0.09	15.82 0.06 -0.16	16.02 0.06 -0.20	18.49 0.06 0.00	19.31 0.06 0.00	20.39 0.12 0.00	20.93 0.06 -0.06	21.16 0.08 -0.29	21.46 0.15 -0.44	23.31 0.32 -0.33	23.23 0.29 -0.54	24.01 0.29 -1.11	29.81 0.42 -1.57	31.34 0.47 -1.68	25.06 0.31 -1.23	24.63 0.35 -0.92	23.13 0.31 -0.96	22.88 0.31 -0.49	21.68 0.23 -0.52
NEG MILLWOOD___DRP 24198	22.31 1.46 0.00	21.40 1.25 0.00	19.54 1.14 0.00	17.86 1.03 0.00	17.36 0.96 -0.89	17.41 0.97 -0.75	17.92 0.97 -1.37	18.52 1.10 -1.65	19.80 1.36 0.00	20.76 1.50 0.00	21.87 1.60 0.00	23.28 1.96 -0.51	25.18 1.97 -2.42	26.56 1.98 -3.70	27.69 2.27 -2.76	29.17 2.24 -4.52	34.25 2.31 -9.35	40.19 2.84 -9.54	42.32 2.95 -10.18	35.99 2.16 -10.30	33.25 2.15 -7.74	31.93 2.01 -8.05	28.15 1.96 -4.10	26.84 1.57 -4.33
NEG NORTH_FLCN_SEA 23793	20.79 -0.06 0.00	20.35 0.20 0.00	18.58 0.18 0.00	17.10 0.27 0.00	15.76 0.25 0.00	15.94 0.25 0.00	15.81 0.22 0.00	16.09 0.33 0.00	18.88 0.44 0.00	19.70 0.44 0.00	20.65 0.39 0.00	21.18 0.37 0.00	21.10 0.31 0.00	21.12 0.25 0.00	22.75 0.09 0.00	22.51 0.11 0.00	22.81 0.20 0.00	27.98 0.17 0.00	29.25 0.06 0.00	23.62 0.09 0.00	23.43 0.07 0.00	21.71 -0.15 0.00	21.84 -0.24 0.00	20.87 -0.06 0.00
NEG NORTH_KES_CHATEGAY 23792	20.56 -0.29 0.00	20.13 -0.02 0.00	18.40 0.00 0.00	16.90 0.07 0.00	15.59 0.08 0.00	15.77 0.08 0.00	15.65 0.06 0.00	15.92 0.16 0.00	18.68 0.24 0.00	19.49 0.23 0.00	20.43 0.16 0.00	20.95 0.15 0.00	20.89 0.10 0.00	20.89 0.02 0.00	22.50 -0.16 0.00	22.27 -0.13 0.00	22.54 -0.07 0.00	27.62 -0.19 0.00	28.90 -0.29 0.00	23.34 -0.19 0.00	23.17 -0.19 0.00	21.47 -0.39 0.00	21.59 -0.49 0.00	20.64 -0.29 0.00

NEG NORTH___ALICE_FALLS 23915	20.72 -0.13 0.00	20.29 0.14 0.00	18.53 0.13 0.00	17.03 0.20 0.00	15.70 0.19 0.00	15.89 0.20 0.00	15.76 0.17 0.00	16.04 0.28 0.00	18.83 0.39 0.00	19.64 0.39 0.00	20.59 0.32 0.00	21.12 0.31 0.00	21.06 0.27 0.00	21.06 0.19 0.00	22.68 0.02 0.00	22.45 0.04 0.00	22.76 0.16 0.00	27.93 0.11 0.00	29.19 0.00 0.00	23.60 0.07 0.00	23.41 0.05 0.00	21.69 -0.17 0.00	21.79 -0.29 0.00	20.83 -0.10 0.00
NEG NORTH___LWR_SARANAC 23913	20.72 -0.13 0.00	20.29 0.14 0.00	18.53 0.13 0.00	17.03 0.20 0.00	15.70 0.19 0.00	15.89 0.20 0.00	15.76 0.17 0.00	16.04 0.28 0.00	18.83 0.39 0.00	19.64 0.39 0.00	20.59 0.32 0.00	21.12 0.31 0.00	21.06 0.27 0.00	21.06 0.19 0.00	22.68 0.02 0.00	22.45 0.04 0.00	22.76 0.16 0.00	27.93 0.11 0.00	29.19 0.00 0.00	23.60 0.07 0.00	23.41 0.05 0.00	21.69 -0.17 0.00	21.79 -0.29 0.00	20.83 -0.10 0.00
NEG NORTH___PLATTSBURG 23628	20.77 -0.08 0.00	20.29 0.14 0.00	18.53 0.13 0.00	17.03 0.20 0.00	15.70 0.19 0.00	15.89 0.20 0.00	15.76 0.17 0.00	16.04 0.28 0.00	18.83 0.39 0.00	19.64 0.38 0.00	20.59 0.32 0.00	21.10 0.29 0.00	21.06 0.27 0.00	21.00 0.13 0.00	22.68 0.02 0.00	22.45 0.04 0.00	22.76 0.16 0.00	27.93 0.11 0.00	29.19 0.00 0.00	23.60 0.07 0.00	23.41 0.05 0.00	21.69 -0.18 0.00	21.79 -0.29 0.00	20.64 -0.29 0.00
NEG WEST_LEA_LOCKPORT 23791	20.43 -0.42 0.00	19.56 -0.58 0.00	17.81 -0.59 0.00	16.23 -0.61 0.00	15.00 -0.64 -0.12	15.18 -0.61 -0.10	15.07 -0.72 -0.19	15.02 -0.98 -0.23	17.13 -1.31 0.00	17.93 -1.33 0.00	18.83 -1.44 0.00	19.38 -1.50 -0.07	19.73 -1.39 -0.34	19.99 -1.40 -0.52	21.94 -1.11 -0.39	21.96 -1.08 -0.64	22.60 -1.31 -1.31	25.16 -1.59 1.07	26.35 -1.69 1.15	23.61 -1.36 -1.45	23.21 -1.24 -1.09	22.14 -0.85 -1.13	22.15 -0.51 -0.58	20.94 -0.61 -0.61
NEG WEST___LANCASTR 23811	20.60 -0.25 0.00	19.68 -0.46 0.00	17.94 -0.46 0.00	16.29 -0.54 0.00	14.63 -1.02 -0.15	14.81 -1.00 -0.12	14.74 -1.08 -0.22	14.74 -1.29 -0.27	17.28 -1.16 0.00	18.08 -1.17 0.00	19.01 -1.26 0.00	19.06 -1.83 -0.08	19.44 -1.75 -0.40	19.77 -1.71 -0.61	21.62 -1.50 -0.45	21.73 -1.41 -0.74	22.55 -1.58 -1.53	25.04 -1.89 0.89	26.11 -2.13 0.95	23.52 -1.69 -1.69	23.06 -1.57 -1.27	21.94 -1.25 -1.32	21.80 -0.95 -0.67	20.51 -1.13 -0.71
NEG_PENN_ALLEGHNY 23528	21.10 0.25 0.00	20.33 0.18 0.00	18.53 0.13 0.00	16.92 0.08 0.00	15.79 0.02 -0.26	15.92 0.02 -0.22	16.02 0.03 -0.40	16.24 0.00 -0.48	18.47 0.04 0.00	19.29 0.04 0.00	20.33 0.06 0.00	20.98 0.02 -0.15	21.53 0.04 -0.71	22.10 0.15 -1.08	23.72 0.25 -0.81	23.97 0.25 -1.32	25.56 0.23 -2.73	30.93 0.33 -2.78	32.51 0.35 -2.97	26.77 0.24 -3.01	25.88 0.26 -2.26	24.50 0.28 -2.35	23.61 0.33 -1.20	22.47 0.27 -1.26
NEG___GEN_MONROE 24207	20.79 -0.06 0.00	19.90 -0.24 0.00	18.14 -0.26 0.00	16.56 -0.27 0.00	15.43 -0.19 -0.10	15.62 -0.16 -0.09	15.52 -0.23 -0.16	15.56 -0.39 -0.19	17.79 -0.65 0.00	18.58 -0.67 0.00	19.53 -0.73 0.00	20.12 -0.75 -0.06	20.38 -0.69 -0.28	20.61 -0.69 -0.43	22.60 -0.39 -0.32	22.52 -0.40 -0.53	23.10 -0.59 -1.09	28.18 -0.75 -1.12	29.62 -0.76 -1.19	24.28 -0.45 -1.20	23.91 -0.35 -0.90	22.62 -0.17 -0.94	22.58 0.02 -0.48	21.42 -0.02 -0.50
NEPA___ENERGY 23901	20.81 -0.04 0.00	19.84 -0.30 0.00	18.07 -0.33 0.00	16.44 -0.39 0.00	15.10 -0.56 -0.15	15.28 -0.53 -0.12	15.19 -0.62 -0.23	15.18 -0.85 -0.27	17.50 -0.94 0.00	18.31 -0.94 0.00	19.25 -1.01 0.00	19.66 -1.23 -0.08	20.06 -1.12 -0.40	20.38 -1.11 -0.61	22.30 -0.82 -0.46	22.41 -0.74 -0.75	23.24 -0.90 -1.54	25.39 -1.22 1.20	26.56 -1.34 1.29	24.24 -0.99 -1.70	23.77 -0.86 -1.28	22.62 -0.57 -1.33	22.51 -0.24 -0.68	21.17 -0.48 -0.71
NEVERSINK___HYD 23608	21.91 1.06 0.00	21.05 0.91 0.00	19.21 0.81 0.00	17.55 0.72 0.00	16.86 0.59 -0.76	16.87 0.55 -0.63	17.28 0.53 -1.16	17.77 0.60 -1.41	19.19 0.76 0.00	20.10 0.85 0.00	21.20 0.93 0.00	22.37 1.12 -0.44	23.97 1.12 -2.06	25.17 1.15 -3.15	26.35 1.34 -2.35	27.57 1.32 -3.85	31.96 1.40 -7.95	37.69 1.75 -8.12	39.66 1.81 -8.66	33.68 1.39 -8.77	31.27 1.33 -6.58	30.13 1.42 -6.85	26.92 1.35 -3.49	25.79 1.17 -3.68
NEWKRMKL_115KV_TB1 55635	21.45 0.60 0.00	20.65 0.50 0.00	18.84 0.44 0.00	17.32 0.49 0.00	17.10 0.45 -1.14	17.10 0.45 -0.96	17.80 0.45 -1.75	18.31 0.43 -2.12	18.99 0.55 0.00	19.81 0.56 0.00	20.79 0.53 0.00	22.17 0.71 -0.66	24.61 0.73 -3.10	26.35 0.73 -4.75	27.04 0.84 -3.54	29.03 0.83 -5.80	35.40 0.81 -11.98	41.05 1.00 -12.23	43.32 1.08 -13.05	37.61 0.87 -13.21	34.14 0.86 -9.92	33.00 0.81 -10.33	28.16 0.82 -5.26	27.09 0.61 -5.55
NEWTON___FALLS_HYD 23847	19.95 -0.90 0.00	19.32 -0.83 0.00	17.72 -0.68 0.00	16.24 -0.59 0.00	14.99 -0.54 -0.02	15.17 -0.53 -0.02	15.06 -0.56 -0.04	15.27 -0.54 -0.04	17.72 -0.72 0.00	18.47 -0.79 0.00	19.33 -0.93 0.00	19.86 -0.96 -0.01	19.87 -0.98 -0.06	19.99 -0.98 -0.10	21.62 -1.11 -0.07	21.53 -0.99 -0.12	21.92 -0.93 -0.24	27.03 -1.03 -0.25	28.49 -0.96 -0.26	23.09 -0.71 -0.27	22.84 -0.72 -0.20	21.33 -0.74 -0.21	21.19 -0.99 -0.11	20.25 -0.80 -0.11
NGRID_A1_DSASP 323792	19.97 -0.87 0.00	19.14 -1.01 0.00	17.48 -0.92 0.00	15.87 -0.96 0.00	14.85 -0.79 -0.13	15.04 -0.75 -0.11	14.88 -0.90 -0.20	14.77 -1.23 -0.24	16.80 -1.64 0.00	17.60 -1.66 0.00	18.48 -1.78 0.00	19.11 -1.77 -0.07	19.41 -1.73 -0.35	19.94 -1.46 -0.53	21.58 -1.47 -0.39	21.57 -1.48 -0.65	22.24 -1.70 -1.33	24.78 -1.95 1.09	25.95 -2.07 1.17	23.21 -1.79 -1.47	22.76 -1.70 -1.10	21.70 -1.31 -1.15	21.72 -0.95 -0.59	20.63 -0.92 -0.62
NGRID_A2_DSASP 323793	19.97 -0.87 0.00	19.14 -1.01 0.00	17.48 -0.92 0.00	15.87 -0.96 0.00	14.85 -0.79 -0.13	15.04 -0.75 -0.11	14.88 -0.90 -0.20	14.77 -1.23 -0.24	16.80 -1.64 0.00	17.60 -1.66 0.00	18.48 -1.78 0.00	19.11 -1.77 -0.07	19.41 -1.73 -0.35	19.94 -1.46 -0.53	21.58 -1.47 -0.39	21.57 -1.48 -0.65	22.24 -1.70 -1.33	24.78 -1.95 1.09	25.95 -2.07 1.17	23.21 -1.79 -1.47	22.76 -1.70 -1.10	21.70 -1.31 -1.15	21.72 -0.95 -0.59	20.63 -0.92 -0.62
NGRID_A4_DSASP 323807	20.06 -0.79 0.00	19.14 -1.01 0.00	17.59 -0.81 0.00	15.87 -0.96 0.00	14.85 -0.79 -0.13	15.04 -0.75 -0.11	14.88 -0.90 -0.20	14.78 -1.21 -0.24	16.80 -1.64 0.00	17.60 -1.66 0.00	18.46 -1.80 0.00	19.05 -1.83 -0.07	19.41 -1.73 -0.35	19.65 -1.75 -0.53	21.58 -1.47 -0.39	21.57 -1.48 -0.65	22.24 -1.70 -1.33	24.80 -1.92 1.09	25.98 -2.04 1.17	23.21 -1.79 -1.47	22.76 -1.71 -1.10	21.72 -1.29 -1.15	21.74 -0.93 -0.59	20.57 -0.98 -0.62
NIAGARA_115E_LBMP 323715	20.10 -0.75 0.00	19.24 -0.91 0.00	17.63 -0.77 0.00	15.99 -0.84 0.00	14.77 -0.87 -0.13	14.95 -0.85 -0.11	14.85 -0.94 -0.20	14.77 -1.23 -0.24	16.83 -1.60 0.00	17.62 -1.64 0.00	18.52 -1.74 0.00	19.11 -1.77 -0.07	19.41 -1.73 -0.35	19.96 -1.44 -0.53	21.58 -1.47 -0.40	21.59 -1.46 -0.65	22.22 -1.72 -1.34	24.91 -1.89 1.01	26.10 -2.01 1.08	23.19 -1.81 -1.47	22.81 -1.66 -1.11	21.75 -1.27 -1.15	21.76 -0.91 -0.59	20.68 -0.88 -0.62

NIAGARA_115W_LBMP 323714	19.93 -0.92 0.00	19.08 -1.07 0.00	17.42 -0.98 0.00	15.84 -0.99 0.00	14.82 -0.82 -0.13	15.01 -0.78 -0.11	14.85 -0.94 -0.19	14.73 -1.26 -0.24	16.76 -1.68 0.00	17.56 -1.69 0.00	18.44 -1.82 0.00	19.07 -1.81 -0.07	19.34 -1.79 -0.34	19.90 -1.50 -0.53	21.51 -1.54 -0.39	21.52 -1.52 -0.64	22.17 -1.76 -1.33	24.76 -1.97 1.08	25.96 -2.07 1.16	23.14 -1.86 -1.47	22.69 -1.78 -1.10	21.63 -1.38 -1.15	21.65 -1.02 -0.59	20.59 -0.96 -0.62
NIAGARA_230_LBMP 323716	20.20 -0.65 0.00	19.34 -0.81 0.00	17.66 -0.74 0.00	16.06 -0.77 0.00	14.92 -0.71 -0.12	15.10 -0.69 -0.10	15.00 -0.78 -0.19	14.95 -1.04 -0.23	17.04 -1.40 0.00	17.83 -1.42 0.00	18.74 -1.52 0.00	19.34 -1.54 -0.07	19.63 -1.50 -0.34	20.16 -1.23 -0.52	21.80 -1.25 -0.39	21.81 -1.23 -0.64	22.45 -1.47 -1.31	24.82 -2.00 0.99	26.00 -2.13 1.06	23.45 -1.53 -1.45	23.00 -1.45 -1.09	21.92 -1.07 -1.13	21.93 -0.73 -0.58	20.85 -0.69 -0.61
NIAGARA__115KV_198_GIBSON 55903	20.02 -0.83 0.00	19.08 -1.07 0.00	17.53 -0.86 0.00	15.84 -0.99 0.00	14.82 -0.82 -0.13	15.01 -0.78 -0.11	14.85 -0.94 -0.19	14.75 -1.25 -0.24	16.76 -1.68 0.00	17.56 -1.69 0.00	18.40 -1.86 0.00	19.01 -1.87 -0.07	19.34 -1.79 -0.34	19.60 -1.79 -0.53	21.51 -1.54 -0.39	21.52 -1.52 -0.64	22.20 -1.74 -1.33	24.79 -1.95 1.08	25.96 -2.07 1.16	23.14 -1.86 -1.47	22.69 -1.78 -1.10	21.65 -1.36 -1.15	21.69 -0.97 -0.59	20.53 -1.03 -0.62
NIAGARA____ 23760	20.20 -0.65 0.00	19.34 -0.81 0.00	17.66 -0.74 0.00	16.06 -0.77 0.00	14.93 -0.71 -0.13	15.11 -0.69 -0.11	15.01 -0.78 -0.20	14.96 -1.04 -0.24	17.04 -1.40 0.00	17.83 -1.42 0.00	18.74 -1.52 0.00	19.34 -1.54 -0.07	19.63 -1.50 -0.34	20.17 -1.23 -0.53	21.81 -1.25 -0.39	21.81 -1.23 -0.64	22.46 -1.47 -1.33	24.82 -2.00 0.99	26.00 -2.13 1.06	23.46 -1.53 -1.46	23.01 -1.45 -1.10	21.94 -1.07 -1.14	21.93 -0.73 -0.58	20.86 -0.69 -0.62
NINE_MILE_1 23575	20.31 -0.54 0.00	19.62 -0.52 0.00	17.90 -0.50 0.00	16.38 -0.45 0.00	15.16 -0.40 -0.05	15.32 -0.41 -0.04	15.26 -0.41 -0.08	15.43 -0.42 -0.10	17.90 -0.54 0.00	18.70 -0.56 0.00	19.70 -0.57 0.00	20.15 -0.69 -0.03	20.24 -0.69 -0.14	20.46 -0.63 -0.22	22.17 -0.66 -0.16	22.02 -0.65 -0.26	22.47 -0.68 -0.55	27.54 -0.83 -0.56	28.94 -0.85 -0.59	23.42 -0.71 -0.60	23.13 -0.68 -0.45	21.70 -0.63 -0.47	21.72 -0.60 -0.24	20.71 -0.48 -0.25
NINE_MILE_2 23744	20.31 -0.54 0.00	19.62 -0.52 0.00	17.90 -0.50 0.00	16.38 -0.45 0.00	15.16 -0.40 -0.05	15.32 -0.41 -0.04	15.26 -0.41 -0.08	15.43 -0.42 -0.10	17.90 -0.54 0.00	18.70 -0.56 0.00	19.70 -0.57 0.00	20.15 -0.69 -0.03	20.24 -0.69 -0.14	20.46 -0.63 -0.22	22.17 -0.66 -0.16	22.02 -0.65 -0.26	22.47 -0.68 -0.54	27.54 -0.83 -0.56	28.94 -0.85 -0.59	23.42 -0.71 -0.60	23.13 -0.68 -0.45	21.70 -0.63 -0.47	21.72 -0.60 -0.24	20.71 -0.48 -0.25
NM_CAPITAL____DRP 24208	21.52 0.67 0.00	20.71 0.56 0.00	18.91 0.52 0.00	17.39 0.56 0.00	17.14 0.50 -1.13	17.16 0.52 -0.95	17.84 0.50 -1.75	18.33 0.46 -2.11	19.03 0.59 0.00	19.83 0.58 0.00	20.83 0.57 0.00	22.21 0.75 -0.65	24.65 0.77 -3.09	26.37 0.77 -4.73	27.05 0.86 -3.53	29.06 0.87 -5.78	35.38 0.84 -11.94	41.04 1.03 -12.19	43.31 1.11 -13.01	37.61 0.92 -13.17	34.16 0.91 -9.89	33.01 0.85 -10.29	28.18 0.86 -5.24	27.12 0.65 -5.53
NM_CENTRAL____DRP 24181	20.72 -0.13 0.00	19.98 -0.16 0.00	18.23 -0.17 0.00	16.66 -0.17 0.00	15.43 -0.16 -0.07	15.61 -0.14 -0.06	15.58 -0.12 -0.12	15.76 -0.14 -0.14	18.25 -0.18 0.00	19.06 -0.19 0.00	20.10 -0.16 0.00	20.60 -0.25 -0.04	20.74 -0.25 -0.20	21.00 -0.19 -0.31	22.80 -0.09 -0.23	22.67 -0.11 -0.38	23.28 -0.11 -0.79	28.51 -0.11 -0.80	29.93 -0.12 -0.86	24.25 -0.14 -0.87	23.89 -0.12 -0.65	22.43 -0.11 -0.68	22.34 -0.09 -0.35	21.17 -0.13 -0.36
NM_FRONTIER____DRP 24179	20.02 -0.83 0.00	19.08 -1.07 0.00	17.53 -0.86 0.00	15.84 -0.99 0.00	14.82 -0.82 -0.13	15.01 -0.78 -0.11	14.85 -0.94 -0.19	14.75 -1.25 -0.24	16.76 -1.68 0.00	17.56 -1.69 0.00	18.40 -1.86 0.00	19.01 -1.87 -0.07	19.34 -1.79 -0.34	19.60 -1.79 -0.53	21.51 -1.54 -0.39	21.52 -1.52 -0.64	22.20 -1.74 -1.33	24.79 -1.95 1.08	25.96 -2.07 1.16	23.14 -1.86 -1.47	22.69 -1.78 -1.10	21.65 -1.36 -1.15	21.69 -0.97 -0.59	20.53 -1.03 -0.62
NM_ST_REGIS____HYD 24053	19.93 -0.92 0.00	19.40 -0.75 0.00	17.83 -0.57 0.00	16.31 -0.52 0.00	15.03 -0.48 0.00	15.22 -0.47 0.00	15.14 -0.45 0.00	15.38 -0.38 0.00	18.00 -0.44 0.00	18.77 -0.48 0.00	19.60 -0.67 0.00	20.12 -0.69 0.00	20.08 -0.71 0.00	20.12 -0.75 0.00	21.66 -1.00 0.00	21.46 -0.94 0.00	21.72 -0.88 0.00	26.73 -1.08 0.00	28.05 -1.14 0.00	22.70 -0.82 0.00	22.50 -0.86 0.00	20.92 -0.94 0.00	21.00 -1.08 0.00	20.14 -0.80 0.00
NORTHPORT____1 23551	34.53 1.96 -11.72	27.86 1.83 -5.88	25.00 1.69 -4.91	23.22 1.58 -4.81	19.08 1.49 -2.08	19.07 1.49 -1.89	20.09 1.47 -3.03	20.60 1.56 -3.28	26.24 1.84 -5.96	29.67 1.98 -8.43	33.00 1.99 -10.75	34.19 2.10 -11.28	46.25 2.10 -23.36	48.64 2.07 -25.70	56.15 2.33 -31.15	55.60 2.29 -30.92	56.96 2.33 -32.03	72.44 2.84 -41.78	54.01 2.89 -21.93	45.86 2.24 -20.10	54.66 2.17 -29.12	43.52 2.16 -19.49	34.14 2.30 -9.77	33.73 2.05 -10.74
NORTHPORT____2 23552	34.53 1.96 -11.72	27.86 1.83 -5.88	25.00 1.69 -4.91	23.22 1.58 -4.81	19.08 1.49 -2.08	19.07 1.49 -1.89	20.09 1.47 -3.03	20.60 1.56 -3.28	26.24 1.84 -5.96	29.67 1.98 -8.43	33.00 1.99 -10.75	34.19 2.10 -11.28	46.25 2.10 -23.36	48.64 2.07 -25.70	56.15 2.33 -31.15	55.60 2.29 -30.92	56.96 2.33 -32.03	72.44 2.84 -41.78	54.01 2.89 -21.93	45.86 2.24 -20.10	54.66 2.17 -29.12	43.52 2.16 -19.49	34.14 2.30 -9.77	33.73 2.05 -10.74
NORTHPORT____3 23553	34.49 1.92 -11.72	27.78 1.75 -5.88	24.89 1.58 -4.91	23.10 1.46 -4.81	18.96 1.37 -2.08	18.95 1.36 -1.89	19.98 1.36 -3.03	20.51 1.47 -3.28	26.15 1.75 -5.96	29.61 1.93 -8.43	33.09 2.09 -10.74	34.37 2.29 -11.27	46.39 2.25 -23.36	48.84 2.28 -25.70	56.37 2.56 -31.15	55.83 2.51 -30.92	57.15 2.53 -32.02	72.69 3.09 -41.79	54.29 3.18 -21.92	46.09 2.47 -20.09	54.91 2.43 -29.12	43.70 2.34 -19.49	34.29 2.45 -9.76	33.85 2.18 -10.73
NORTHPORT____4 23650	34.49 1.92 -11.72	27.78 1.75 -5.88	24.89 1.58 -4.91	23.10 1.46 -4.81	18.96 1.37 -2.08	18.95 1.36 -1.89	19.98 1.36 -3.03	20.51 1.47 -3.28	26.15 1.75 -5.96	29.61 1.93 -8.43	33.09 2.09 -10.74	34.37 2.29 -11.27	46.39 2.25 -23.36	48.84 2.28 -25.70	56.37 2.56 -31.15	55.83 2.51 -30.92	57.15 2.53 -32.02	72.69 3.09 -41.79	54.29 3.18 -21.92	46.09 2.47 -20.09	54.91 2.43 -29.12	43.70 2.34 -19.49	34.29 2.45 -9.76	33.85 2.18 -10.73
NORTHPORT____IC 23718	34.53 1.96 -11.72	27.86 1.83 -5.88	25.00 1.69 -4.91	23.22 1.58 -4.81	19.08 1.49 -2.08	19.07 1.49 -1.89	20.09 1.47 -3.03	20.60 1.56 -3.28	26.24 1.84 -5.96	29.67 1.98 -8.43	33.00 1.99 -10.75	34.19 2.10 -11.28	46.25 2.10 -23.36	48.64 2.07 -25.70	56.15 2.33 -31.15	55.60 2.29 -30.92	56.96 2.33 -32.03	72.44 2.84 -41.78	54.01 2.89 -21.93	45.86 2.24 -20.10	54.66 2.17 -29.12	43.52 2.16 -19.49	34.14 2.30 -9.77	33.73 2.05 -10.74

NORTH__COUNTRY_ESR 323785	20.56 -0.29 0.00	20.07 -0.08 0.00	18.36 -0.04 0.00	16.87 0.03 0.00	15.56 0.05 0.00	15.74 0.05 0.00	15.62 0.03 0.00	15.87 0.11 0.00	18.62 0.18 0.00	19.45 0.19 0.00	20.39 0.12 0.00	20.89 0.08 0.00	20.85 0.06 0.00	20.79 -0.08 0.00	22.46 -0.20 0.00	22.22 -0.18 0.00	22.49 -0.11 0.00	27.56 -0.25 0.00	28.81 -0.38 0.00	23.27 -0.26 0.00	23.10 -0.26 0.00	21.42 -0.44 0.00	21.55 -0.53 0.00	20.41 -0.52 0.00
NPX_GEN_1385_PROXY 323591	29.50 1.35 -7.30	27.44 1.41 -5.88	24.78 1.47 -4.91	22.95 1.31 -4.81	18.87 1.27 -2.08	18.87 1.29 -1.89	19.98 1.36 -3.03	20.47 1.43 -3.28	25.95 1.55 -5.96	27.53 1.42 -6.85	27.98 1.42 -6.30	28.92 1.52 -6.59	29.95 1.50 -7.66	31.98 1.48 -9.63	31.70 1.68 -7.36	32.89 1.66 -8.83	37.24 1.67 -12.96	44.88 2.06 -15.01	44.79 2.04 -13.56	44.58 1.55 -19.50	39.20 1.52 -14.32	36.22 1.53 -12.83	32.35 1.66 -8.62	33.19 1.51 -10.74
NPX_GEN_CSC 323557	35.16 2.58 -11.72	28.42 2.40 -5.88	25.48 2.17 -4.91	23.66 2.02 -4.81	19.48 1.89 -2.08	19.50 1.91 -1.89	20.48 1.85 -3.03	20.98 1.94 -3.28	26.69 2.29 -5.96	30.21 2.52 -8.43	33.74 2.65 -10.83	38.69 2.85 -15.03	46.99 2.85 -23.36	51.87 2.90 -28.09	57.06 3.24 -31.16	131.18 3.20 -105.58	135.16 3.26 -109.30	138.17 4.01 -106.35	135.31 4.12 -102.00	128.43 3.22 -101.68	109.00 3.18 -82.46	44.39 3.04 -19.49	43.96 3.22 -18.66	38.82 2.87 -15.02
NSINS_S_GLNS_FALLS 23858	21.81 0.96 0.00	21.01 0.87 0.00	19.13 0.74 0.00	17.56 0.72 0.00	17.38 0.70 -1.17	17.40 0.72 -0.99	18.07 0.67 -1.81	18.61 0.66 -2.19	19.18 0.74 0.00	20.01 0.75 0.00	21.03 0.77 0.00	22.44 0.96 -0.68	24.96 0.98 -3.20	26.75 0.98 -4.90	27.45 1.13 -3.65	29.62 1.23 -5.98	36.16 1.20 -12.36	41.85 1.42 -12.62	44.35 1.69 -13.47	38.54 1.39 -13.63	35.00 1.40 -10.23	33.72 1.20 -10.65	28.87 1.37 -5.43	27.71 1.05 -5.73
NUCOR_STEEL__DRP 24197	21.08 0.23 0.00	20.29 0.14 0.00	18.47 0.07 0.00	16.90 0.07 0.00	15.69 0.08 -0.10	15.87 0.09 -0.09	15.86 0.11 -0.16	16.06 0.11 -0.19	18.55 0.11 0.00	19.35 0.10 0.00	20.43 0.16 0.00	20.97 0.10 -0.06	21.17 0.10 -0.28	21.46 0.17 -0.42	23.32 0.34 -0.32	23.23 0.31 -0.52	23.97 0.29 -1.07	29.35 0.45 -1.09	30.86 0.50 -1.17	25.04 0.33 -1.18	24.62 0.37 -0.89	23.11 0.33 -0.92	22.88 0.33 -0.47	21.70 0.27 -0.50
NUMBER_THREE_WT_PWR 323818	20.64 -0.21 0.00	19.91 -0.24 0.00	18.20 -0.20 0.00	16.65 -0.18 0.00	15.37 -0.17 -0.03	15.57 -0.14 -0.03	15.47 -0.17 -0.05	15.65 -0.17 -0.06	18.07 -0.37 0.00	18.81 -0.44 0.00	19.74 -0.53 0.00	20.31 -0.52 -0.02	20.33 -0.54 -0.08	20.48 -0.52 -0.13	22.31 -0.45 -0.10	22.29 -0.27 -0.16	22.73 -0.20 -0.33	28.07 -0.08 -0.34	29.64 0.09 -0.36	24.01 0.12 -0.36	23.73 0.09 -0.27	22.19 0.04 -0.28	21.91 -0.31 -0.14	20.88 -0.21 -0.15
NYISO_LBMP_REFERENCE 24008	20.85 0.00 0.00	20.15 0.00 0.00	18.40 0.00 0.00	16.83 0.00 0.00	15.51 0.00 0.00	15.69 0.00 0.00	15.59 0.00 0.00	15.76 0.00 0.00	18.44 0.00 0.00	19.25 0.00 0.00	20.26 0.00 0.00	20.81 0.00 0.00	20.79 0.00 0.00	20.87 0.00 0.00	22.66 0.00 0.00	22.40 0.00 0.00	22.60 0.00 0.00	27.81 0.00 0.00	29.19 0.00 0.00	23.53 0.00 0.00	23.36 0.00 0.00	21.86 0.00 0.00	22.08 0.00 0.00	20.94 0.00 0.00
NYPA_BRENTWD__GT 24164	34.88 2.31 -11.72	28.18 2.16 -5.88	25.28 1.97 -4.91	23.46 1.82 -4.81	19.28 1.69 -2.08	19.29 1.71 -1.89	20.29 1.67 -3.03	20.80 1.76 -3.28	26.48 2.08 -5.96	29.96 2.27 -8.43	33.42 2.39 -10.76	35.39 2.56 -12.02	46.68 2.54 -23.36	49.47 2.42 -26.18	56.44 2.63 -31.15	70.69 2.60 -45.69	72.57 2.64 -47.32	85.60 3.22 -54.56	70.26 3.30 -37.77	62.34 2.56 -36.24	65.56 2.52 -39.68	43.98 2.62 -19.49	36.43 2.83 -11.53	35.05 2.53 -11.59
NYPA_GOWANUS__GT5 24156	22.57 1.71 -0.01	21.71 1.55 -0.01	19.80 1.40 -0.01	18.09 1.25 -0.01	17.56 1.16 -0.88	17.55 1.13 -0.74	18.03 1.09 -1.35	18.65 1.26 -1.63	19.89 1.46 0.00	20.95 1.69 0.00	22.14 1.86 -0.01	35.96 2.08 -13.07	25.25 2.08 -2.38	26.63 2.09 -3.67	27.77 2.38 -2.73	29.23 2.33 -4.50	73.33 2.35 -48.37	73.60 2.84 -42.95	70.08 2.89 -38.00	69.38 2.19 -43.66	38.83 2.13 -13.34	44.75 2.14 -20.75	28.32 2.19 -4.05	32.75 1.88 -9.93
NYPA_GOWANUS__GT6 24157	22.57 1.71 -0.01	21.71 1.55 -0.01	19.80 1.40 -0.01	18.09 1.25 -0.01	17.56 1.16 -0.88	17.55 1.13 -0.74	18.03 1.09 -1.35	18.65 1.26 -1.63	19.89 1.46 0.00	20.95 1.69 0.00	22.14 1.86 -0.01	35.96 2.08 -13.07	25.25 2.08 -2.38	26.63 2.09 -3.67	27.77 2.38 -2.73	29.23 2.33 -4.50	73.33 2.35 -48.37	73.60 2.84 -42.95	70.08 2.89 -38.00	69.38 2.19 -43.66	38.83 2.13 -13.34	44.75 2.14 -20.75	28.32 2.19 -4.05	32.75 1.88 -9.93
NYPA_HARLEM_RVR_GT1 24160	22.53 1.67 -0.01	21.67 1.51 -0.01	19.75 1.34 -0.01	18.09 1.25 -0.01	17.56 1.16 -0.88	17.61 1.18 -0.74	18.05 1.11 -1.35	18.67 1.28 -1.63	19.82 1.38 0.00	20.91 1.66 0.00	22.12 1.84 -0.01	23.38 2.06 -0.51	25.23 2.06 -2.38	26.61 2.09 -3.65	27.77 2.38 -2.73	29.19 2.33 -4.46	34.20 2.37 -9.22	40.07 2.84 -9.42	42.13 2.89 -10.05	35.85 2.16 -10.16	33.02 2.03 -7.63	31.98 2.16 -7.95	28.30 2.16 -4.05	27.12 1.90 -4.28
NYPA_HARLEM_RVR_GT2 24161	22.53 1.67 -0.01	21.67 1.51 -0.01	19.75 1.34 -0.01	18.09 1.25 -0.01	17.56 1.16 -0.88	17.61 1.18 -0.74	18.05 1.11 -1.35	18.67 1.28 -1.63	19.82 1.38 0.00	20.91 1.66 0.00	22.12 1.84 -0.01	23.38 2.06 -0.51	25.23 2.06 -2.38	26.61 2.09 -3.65	27.77 2.38 -2.73	29.19 2.33 -4.46	34.20 2.37 -9.22	40.07 2.84 -9.42	42.13 2.89 -10.05	35.85 2.16 -10.16	33.02 2.03 -7.63	31.98 2.16 -7.95	28.30 2.16 -4.05	27.12 1.90 -4.28
NYPA_KENT__GT 24152	22.50 1.65 -0.01	21.65 1.49 -0.01	19.75 1.34 -0.01	18.04 1.20 -0.01	17.53 1.13 -0.88	17.54 1.11 -0.74	18.01 1.07 -1.35	18.65 1.26 -1.63	19.89 1.46 0.00	20.93 1.67 0.00	22.12 1.84 -0.01	30.57 2.06 -7.70	25.21 2.04 -2.38	26.60 2.07 -3.66	27.73 2.33 -2.73	29.17 2.29 -4.49	56.54 2.31 -31.63	59.21 2.78 -28.61	58.07 2.83 -26.05	55.01 2.14 -29.34	36.34 2.08 -10.90	39.26 2.12 -15.28	28.30 2.16 -4.06	30.29 1.84 -7.51
NYPA_POUCH1__GT 24155	22.57 1.71 -0.01	21.71 1.55 -0.01	19.79 1.38 -0.01	18.07 1.23 -0.01	17.56 1.16 -0.88	17.54 1.11 -0.74	17.98 1.04 -1.35	18.62 1.23 -1.63	19.84 1.40 0.00	20.89 1.64 0.00	22.08 1.80 -0.01	37.33 2.04 -14.48	25.19 2.02 -2.38	26.57 2.02 -3.67	27.73 2.33 -2.73	29.17 2.26 -4.50	73.28 2.31 -48.37	73.54 2.78 -42.95	70.02 2.83 -38.00	69.31 2.12 -43.66	38.76 2.06 -13.34	44.69 2.08 -20.75	28.27 2.14 -4.05	33.32 1.82 -10.56
NYPA_VERNON__GT2 24162	22.46 1.61 -0.01	21.61 1.45 -0.01	19.71 1.31 -0.01	18.00 1.16 -0.01	17.50 1.10 -0.88	17.52 1.10 -0.74	18.01 1.07 -1.35	18.64 1.24 -1.63	19.88 1.44 0.00	20.91 1.66 0.00	22.08 1.80 -0.01	25.16 2.02 -2.33	25.17 2.00 -2.38	26.57 2.05 -3.65	27.71 2.31 -2.73	29.13 2.26 -4.47	39.78 2.28 -14.89	44.84 2.75 -14.27	46.09 2.80 -14.09	40.66 2.12 -15.02	33.88 2.06 -8.46	33.77 2.10 -9.81	28.25 2.12 -4.06	27.85 1.82 -5.09

NYPA_VERNON____GT3 24163	22.46 1.61 -0.01	21.61 1.45 -0.01	19.71 1.31 -0.01	18.00 1.16 -0.01	17.50 1.10 -0.88	17.52 1.10 -0.74	18.01 1.07 -1.35	18.64 1.24 -1.63	19.88 1.44 0.00	20.91 1.66 0.00	22.08 1.80 -0.01	25.16 2.02 -2.33	25.17 2.00 -2.38	26.57 2.05 -3.65	27.71 2.31 -2.73	29.13 2.26 -4.47	39.78 2.28 -14.89	44.84 2.75 -14.27	46.09 2.80 -14.09	40.66 2.12 -15.02	33.88 2.06 -8.46	33.77 2.10 -9.81	28.25 2.12 -4.06	27.85 1.82 -5.09
NYPA____ASTORIA_CC1 323568	22.44 1.58 -0.01	21.58 1.43 -0.01	19.69 1.29 -0.01	18.00 1.16 -0.01	17.50 1.10 -0.88	17.51 1.08 -0.74	18.00 1.06 -1.35	18.62 1.23 -1.63	19.86 1.42 0.00	20.89 1.64 0.00	22.06 1.78 -0.01	23.32 2.00 -0.51	25.15 1.98 -2.38	26.55 2.02 -3.65	27.68 2.29 -2.73	29.10 2.24 -4.46	34.10 2.28 -9.22	39.95 2.73 -9.41	42.01 2.77 -10.04	35.78 2.09 -10.16	33.02 2.03 -7.63	31.89 2.08 -7.95	28.23 2.10 -4.05	27.01 1.80 -4.27
NYPA____ASTORIA_CC2 323569	22.44 1.58 -0.01	21.58 1.43 -0.01	19.69 1.29 -0.01	18.00 1.16 -0.01	17.50 1.10 -0.88	17.51 1.08 -0.74	18.00 1.06 -1.35	18.62 1.23 -1.63	19.86 1.42 0.00	20.89 1.64 0.00	22.06 1.78 -0.01	23.32 2.00 -0.51	25.15 1.98 -2.38	26.55 2.02 -3.65	27.68 2.29 -2.73	29.10 2.24 -4.46	34.10 2.28 -9.22	39.95 2.73 -9.41	42.01 2.77 -10.04	35.78 2.09 -10.16	33.02 2.03 -7.63	31.89 2.08 -7.95	28.23 2.10 -4.05	27.01 1.80 -4.27
NYPA____HOLTSVILL 23794	34.86 2.29 -11.72	28.14 2.11 -5.88	25.24 1.93 -4.91	23.44 1.80 -4.81	19.28 1.69 -2.08	19.28 1.69 -1.89	20.28 1.65 -3.03	20.77 1.73 -3.28	26.45 2.05 -5.96	29.94 2.25 -8.43	33.42 2.33 -10.83	38.25 2.47 -14.96	46.58 2.43 -23.36	51.37 2.44 -28.05	56.54 2.72 -31.16	129.39 2.69 -104.30	133.30 2.71 -107.98	136.37 3.31 -105.24	133.21 3.38 -100.63	126.47 2.66 -100.29	107.53 2.62 -81.55	43.91 2.56 -19.49	43.30 2.71 -18.51	38.31 2.43 -14.94
NYPA____HELLGATE_GT1 24158	22.53 1.67 -0.01	21.67 1.51 -0.01	19.75 1.34 -0.01	18.09 1.25 -0.01	17.56 1.16 -0.88	17.61 1.18 -0.74	18.05 1.11 -1.35	18.67 1.28 -1.63	19.82 1.38 0.00	20.91 1.66 0.00	22.12 1.84 -0.01	23.38 2.06 -0.51	25.23 2.06 -2.38	26.61 2.09 -3.65	27.77 2.38 -2.73	29.19 2.33 -4.46	34.18 2.35 -9.22	40.07 2.84 -9.42	42.13 2.89 -10.05	35.85 2.16 -10.16	33.02 2.03 -7.63	31.98 2.16 -7.95	28.30 2.16 -4.05	27.12 1.90 -4.28
NYPA____HELLGATE_GT2 24159	22.53 1.67 -0.01	21.67 1.51 -0.01	19.75 1.34 -0.01	18.09 1.25 -0.01	17.56 1.16 -0.88	17.61 1.18 -0.74	18.05 1.11 -1.35	18.67 1.28 -1.63	19.82 1.38 0.00	20.91 1.66 0.00	22.12 1.84 -0.01	23.38 2.06 -0.51	25.23 2.06 -2.38	26.61 2.09 -3.65	27.77 2.38 -2.73	29.19 2.33 -4.46	34.18 2.35 -9.22	40.07 2.84 -9.42	42.13 2.89 -10.05	35.85 2.16 -10.16	33.02 2.03 -7.63	31.98 2.16 -7.95	28.30 2.16 -4.05	27.12 1.90 -4.28
NYS_BARGE____HYD 23848	20.45 -0.40 0.00	19.56 -0.58 0.00	17.88 -0.52 0.00	16.23 -0.61 0.00	15.00 -0.64 -0.12	15.18 -0.61 -0.10	15.06 -0.72 -0.19	15.00 -0.99 -0.23	17.13 -1.31 0.00	17.93 -1.33 0.00	18.85 -1.42 0.00	19.46 -1.42 -0.07	19.73 -1.39 -0.34	20.30 -1.09 -0.52	21.96 -1.09 -0.38	21.98 -1.05 -0.63	22.62 -1.29 -1.30	25.39 -1.53 0.90	26.60 -1.63 0.96	23.60 -1.37 -1.44	23.22 -1.22 -1.08	22.11 -0.88 -1.12	22.12 -0.53 -0.57	20.99 -0.54 -0.60
OAK ORCHARD____HYD 24046	20.75 -0.10 0.00	19.91 -0.24 0.00	18.14 -0.26 0.00	16.56 -0.27 0.00	15.43 -0.19 -0.10	15.62 -0.16 -0.09	15.53 -0.22 -0.16	15.60 -0.35 -0.19	17.87 -0.57 0.00	18.68 -0.58 0.00	19.72 -0.55 0.00	20.37 -0.50 -0.06	20.59 -0.48 -0.28	21.03 -0.27 -0.43	22.78 -0.20 -0.32	22.70 -0.22 -0.52	23.32 -0.36 -1.08	28.31 -0.61 -1.10	29.76 -0.61 -1.18	24.39 -0.33 -1.19	23.97 -0.28 -0.89	22.68 -0.11 -0.93	22.62 0.07 -0.47	21.52 0.08 -0.50
OAKDALE__35_KV_LOAD 356122	21.04 0.19 0.00	20.25 0.10 0.00	18.45 0.06 0.00	16.85 0.02 0.00	15.72 -0.05 -0.26	15.87 -0.03 -0.22	15.97 -0.02 -0.40	16.18 -0.06 -0.48	18.38 -0.06 0.00	19.22 -0.04 0.00	20.24 -0.02 0.00	20.87 -0.08 -0.15	21.42 -0.06 -0.70	21.92 -0.02 -1.07	23.60 0.14 -0.80	23.84 0.13 -1.31	25.40 0.09 -2.70	30.74 0.17 -2.76	32.31 0.18 -2.94	26.60 0.09 -2.98	25.74 0.14 -2.24	24.36 0.17 -2.33	23.51 0.24 -1.19	22.29 0.10 -1.25
OCC_CHEM____DRP 24175	20.06 -0.79 0.00	19.14 -1.01 0.00	17.59 -0.81 0.00	15.87 -0.96 0.00	14.85 -0.79 -0.13	15.04 -0.75 -0.11	14.88 -0.90 -0.20	14.78 -1.21 -0.24	16.80 -1.64 0.00	17.60 -1.66 0.00	18.46 -1.80 0.00	19.05 -1.83 -0.07	19.41 -1.73 -0.35	19.65 -1.75 -0.53	21.58 -1.47 -0.39	21.57 -1.48 -0.65	22.24 -1.70 -1.33	24.80 -1.92 1.09	25.98 -2.04 1.17	23.21 -1.79 -1.47	22.76 -1.71 -1.10	21.72 -1.29 -1.15	21.74 -0.93 -0.59	20.57 -0.98 -0.62
OH_GEN_PROXY 24063	20.20 -0.65 0.00	19.36 -0.79 0.00	17.66 -0.74 0.00	16.07 -0.76 0.00	14.94 -0.70 -0.13	15.12 -0.67 -0.11	15.02 -0.76 -0.19	14.97 -1.02 -0.23	17.07 -1.36 0.00	17.87 -1.39 0.00	18.79 -1.48 0.00	19.38 -1.50 -0.07	19.67 -1.46 -0.34	20.18 -1.21 -0.52	21.85 -1.20 -0.39	21.83 -1.21 -0.64	22.50 -1.42 -1.32	25.10 -1.95 0.77	26.33 -2.04 0.82	23.50 -1.48 -1.45	23.05 -1.40 -1.09	21.95 -1.05 -1.14	21.95 -0.71 -0.58	20.86 -0.69 -0.61
OLIN_CORP_DRP 24177	20.10 -0.75 0.00	19.28 -0.87 0.00	17.55 -0.85 0.00	16.02 -0.81 0.00	14.80 -0.84 -0.13	14.98 -0.82 -0.11	14.88 -0.90 -0.20	14.83 -1.17 -0.24	16.87 -1.57 0.00	17.68 -1.58 0.00	18.54 -1.72 0.00	19.11 -1.77 -0.07	19.47 -1.66 -0.35	19.71 -1.69 -0.53	21.65 -1.41 -0.40	21.66 -1.39 -0.65	22.30 -1.65 -1.35	24.89 -1.86 1.06	26.07 -1.99 1.13	23.27 -1.74 -1.49	22.86 -1.61 -1.12	21.82 -1.20 -1.16	21.83 -0.84 -0.59	20.66 -0.90 -0.62
OLIN_CORP_DSASP 323712	19.97 -0.87 0.00	19.14 -1.01 0.00	17.48 -0.92 0.00	15.87 -0.96 0.00	14.85 -0.79 -0.13	15.04 -0.75 -0.11	14.88 -0.90 -0.20	14.77 -1.23 -0.24	16.80 -1.64 0.00	17.60 -1.66 0.00	18.48 -1.78 0.00	19.11 -1.77 -0.07	19.41 -1.73 -0.35	19.94 -1.46 -0.53	21.58 -1.47 -0.39	21.57 -1.48 -0.65	22.24 -1.70 -1.33	24.78 -1.95 1.09	25.95 -2.07 1.17	23.21 -1.79 -1.47	22.76 -1.70 -1.10	21.70 -1.31 -1.15	21.72 -0.95 -0.59	20.63 -0.92 -0.62
ONEIDA_HERK_LFGE 323681	21.02 0.17 0.00	20.25 0.10 0.00	18.49 0.09 0.00	16.88 0.05 0.00	15.59 0.05 -0.03	15.77 0.06 -0.02	15.71 0.08 -0.04	15.89 0.08 -0.05	18.46 0.02 0.00	19.25 0.00 0.00	20.26 0.00 0.00	20.84 0.02 -0.02	20.88 0.02 -0.08	21.05 0.06 -0.11	22.91 0.16 -0.09	22.77 0.22 -0.14	23.14 0.25 -0.29	28.55 0.44 -0.30	30.06 0.55 -0.32	24.27 0.42 -0.32	24.02 0.42 -0.24	22.48 0.37 -0.25	22.38 0.18 -0.13	21.28 0.21 -0.13
ONEIDA____115KV_TB4 55905	21.27 0.42 0.00	20.47 0.32 0.00	18.69 0.29 0.00	17.05 0.22 0.00	15.75 0.19 -0.05	15.93 0.20 -0.04	15.90 0.23 -0.08	16.07 0.22 -0.09	18.68 0.24 0.00	19.49 0.23 0.00	20.57 0.30 0.00	21.13 0.29 -0.03	21.23 0.31 -0.14	21.43 0.35 -0.21	23.31 0.50 -0.15	23.17 0.52 -0.25	23.65 0.52 -0.52	29.10 0.75 -0.53	30.61 0.85 -0.57	24.76 0.66 -0.58	24.45 0.65 -0.43	22.90 0.59 -0.45	22.81 0.51 -0.23	21.62 0.44 -0.24

ONONDAGA_REF_OCCRA 23987	20.79 -0.06 0.00	20.05 -0.10 0.00	18.29 -0.11 0.00	16.71 -0.12 0.00	15.50 -0.11 -0.09	15.66 -0.11 -0.08	15.64 -0.09 -0.14	15.84 -0.09 -0.17	18.31 -0.13 0.00	19.12 -0.13 0.00	20.16 -0.10 0.00	20.69 -0.17 -0.05	20.87 -0.17 -0.25	21.13 -0.13 -0.38	22.95 0.00 -0.29	22.85 -0.02 -0.47	23.55 -0.02 -0.97	28.80 0.00 -0.99	30.27 0.03 -1.05	24.54 -0.05 -1.06	24.14 -0.02 -0.80	22.67 -0.02 -0.83	22.50 0.00 -0.42	21.32 -0.06 -0.45
ONONDAGA___COGEN 23986	20.83 -0.02 0.00	20.11 -0.04 0.00	18.32 -0.07 0.00	16.75 -0.08 0.00	15.52 -0.08 -0.09	15.70 -0.06 -0.07	15.69 -0.03 -0.13	15.89 -0.03 -0.16	18.36 -0.07 0.00	19.20 -0.06 0.00	20.24 -0.02 0.00	20.75 -0.10 -0.05	20.92 -0.10 -0.23	21.19 -0.04 -0.36	23.00 0.07 -0.27	22.88 0.04 -0.44	23.55 0.05 -0.90	28.82 0.08 -0.92	30.29 0.12 -0.98	24.55 0.02 -1.00	24.15 0.05 -0.75	22.68 0.04 -0.78	22.52 0.04 -0.40	21.35 0.00 -0.42
ONTARIO___LFGE 23819	21.02 0.17 0.00	20.21 0.06 0.00	18.38 -0.02 0.00	16.73 -0.10 0.00	15.51 -0.12 -0.12	15.70 -0.09 -0.10	15.73 -0.05 -0.18	15.87 -0.11 -0.22	18.25 -0.18 0.00	19.06 -0.19 0.00	20.10 -0.16 0.00	20.67 -0.21 -0.07	20.92 -0.19 -0.32	21.37 0.00 -0.50	23.15 0.11 -0.37	23.12 0.11 -0.61	23.93 0.07 -1.25	30.75 0.03 -2.91	32.41 0.12 -3.10	25.08 0.17 -1.38	24.63 0.23 -1.04	23.18 0.24 -1.08	22.94 0.31 -0.55	21.77 0.25 -0.58
ORANGEVILLE_WT_PWR 323706	20.66 -0.19 0.00	19.78 -0.36 0.00	17.99 -0.40 0.00	16.34 -0.49 0.00	15.04 -0.62 -0.15	15.20 -0.61 -0.13	15.14 -0.69 -0.23	15.11 -0.93 -0.28	17.28 -1.16 0.00	18.06 -1.19 0.00	18.99 -1.28 0.00	19.50 -1.39 -0.09	19.83 -1.37 -0.41	20.38 -1.13 -0.63	22.00 -1.13 -0.47	22.14 -1.03 -0.77	23.00 -1.20 -1.60	17.54 -1.53 8.75	18.35 -1.49 9.35	24.20 -1.08 -1.76	23.75 -0.94 -1.32	22.56 -0.68 -1.38	22.38 -0.40 -0.70	21.21 -0.46 -0.74
ORANGEVILLE___ESR 323794	20.66 -0.19 0.00	19.78 -0.36 0.00	17.99 -0.40 0.00	16.34 -0.49 0.00	15.04 -0.62 -0.15	15.20 -0.61 -0.13	15.14 -0.69 -0.23	15.11 -0.93 -0.28	17.28 -1.16 0.00	18.06 -1.19 0.00	18.99 -1.28 0.00	19.50 -1.39 -0.09	19.83 -1.37 -0.41	20.38 -1.13 -0.63	22.00 -1.13 -0.47	22.14 -1.03 -0.77	23.00 -1.20 -1.60	17.54 -1.53 8.75	18.35 -1.49 9.35	24.20 -1.08 -1.76	23.75 -0.94 -1.32	22.56 -0.68 -1.38	22.38 -0.40 -0.70	21.21 -0.46 -0.74
OSWEGATCHIE___HYD 24044	19.97 -0.87 0.00	19.32 -0.83 0.00	17.72 -0.68 0.00	16.24 -0.59 0.00	14.99 -0.54 -0.02	15.17 -0.53 -0.02	15.07 -0.56 -0.04	15.27 -0.54 -0.04	17.72 -0.72 0.00	18.46 -0.79 0.00	19.33 -0.93 0.00	19.86 -0.96 -0.01	19.87 -0.98 -0.06	19.95 -1.02 -0.10	21.62 -1.11 -0.07	21.53 -0.99 -0.12	21.92 -0.93 -0.24	27.03 -1.03 -0.25	28.49 -0.96 -0.26	23.09 -0.71 -0.27	22.83 -0.72 -0.20	21.33 -0.74 -0.21	21.19 -0.99 -0.11	20.17 -0.88 -0.11
OSWEGO___5 23606	20.49 -0.35 0.00	19.78 -0.36 0.00	18.05 -0.35 0.00	16.51 -0.32 0.00	15.28 -0.30 -0.06	15.46 -0.28 -0.05	15.41 -0.28 -0.10	15.58 -0.30 -0.12	18.05 -0.39 0.00	18.85 -0.41 0.00	19.88 -0.39 0.00	20.35 -0.50 -0.04	20.46 -0.50 -0.18	20.70 -0.44 -0.27	22.43 -0.43 -0.20	22.30 -0.43 -0.33	22.83 -0.45 -0.68	27.98 -0.53 -0.69	29.38 -0.56 -0.74	23.83 -0.45 -0.75	23.48 -0.44 -0.56	22.05 -0.39 -0.59	22.00 -0.38 -0.30	20.96 -0.29 -0.31
OSWEGO___6 23613	20.49 -0.35 0.00	19.78 -0.36 0.00	18.05 -0.35 0.00	16.51 -0.32 0.00	15.28 -0.30 -0.06	15.46 -0.28 -0.05	15.41 -0.28 -0.10	15.58 -0.30 -0.12	18.05 -0.39 0.00	18.85 -0.41 0.00	19.88 -0.39 0.00	20.35 -0.50 -0.04	20.46 -0.50 -0.18	20.70 -0.44 -0.27	22.43 -0.43 -0.20	22.30 -0.43 -0.33	22.83 -0.45 -0.68	27.98 -0.53 -0.69	29.38 -0.56 -0.74	23.83 -0.45 -0.75	23.48 -0.44 -0.56	22.05 -0.39 -0.59	22.00 -0.38 -0.30	20.96 -0.29 -0.31
OUTOKUMPU-AB___DRP 24206	20.62 -0.23 0.00	19.68 -0.46 0.00	17.99 -0.40 0.00	16.28 -0.56 0.00	15.10 -0.54 -0.13	15.30 -0.50 -0.11	15.17 -0.62 -0.20	15.09 -0.91 -0.24	17.22 -1.22 0.00	18.04 -1.21 0.00	18.93 -1.34 0.00	19.49 -1.39 -0.07	19.87 -1.27 -0.35	20.14 -1.27 -0.54	22.11 -0.95 -0.40	22.16 -0.90 -0.66	22.83 -1.13 -1.36	25.21 -1.39 1.22	26.40 -1.49 1.30	23.80 -1.22 -1.50	23.39 -1.10 -1.13	22.29 -0.74 -1.17	22.28 -0.40 -0.60	21.04 -0.52 -0.63
OXBOW____ 24026	20.35 -0.50 0.00	19.46 -0.69 0.00	17.77 -0.63 0.00	16.13 -0.71 0.00	15.00 -0.64 -0.13	15.20 -0.60 -0.11	15.06 -0.73 -0.20	14.96 -1.04 -0.24	17.05 -1.38 0.00	17.87 -1.39 0.00	18.79 -1.48 0.00	19.38 -1.50 -0.07	19.68 -1.46 -0.35	20.28 -1.13 -0.53	21.90 -1.15 -0.40	21.93 -1.12 -0.65	22.62 -1.33 -1.35	25.08 -1.58 1.15	26.26 -1.69 1.24	23.55 -1.46 -1.49	23.14 -1.33 -1.12	22.04 -0.98 -1.16	22.05 -0.62 -0.59	20.93 -0.63 -0.62
OXY_CHEM_DSASP 323612	20.06 -0.79 0.00	19.14 -1.01 0.00	17.59 -0.81 0.00	15.87 -0.96 0.00	14.85 -0.79 -0.13	15.04 -0.75 -0.11	14.88 -0.90 -0.20	14.78 -1.21 -0.24	16.80 -1.64 0.00	17.60 -1.66 0.00	18.46 -1.80 0.00	19.05 -1.83 -0.07	19.41 -1.73 -0.35	19.65 -1.75 -0.53	21.58 -1.47 -0.39	21.57 -1.48 -0.65	22.24 -1.70 -1.33	24.80 -1.92 1.09	25.98 -2.04 1.17	23.21 -1.79 -1.47	22.76 -1.71 -1.10	21.72 -1.29 -1.15	21.74 -0.93 -0.59	20.57 -0.98 -0.62
OZONE_PARK_ESR 323760	22.58 1.73 0.00	21.68 1.53 0.00	19.76 1.36 0.00	18.04 1.21 0.00	17.54 1.15 -0.88	17.55 1.13 -0.74	18.09 1.15 -1.35	18.70 1.31 -1.63	20.01 1.57 0.00	21.03 1.77 0.00	22.17 1.90 0.00	23.44 2.12 -0.50	25.29 2.12 -2.38	26.67 2.15 -3.65	27.85 2.47 -2.72	29.28 2.42 -4.46	34.28 2.46 -9.22	40.20 2.98 -9.41	42.27 3.04 -10.04	36.02 2.33 -10.16	33.23 2.24 -7.63	32.01 2.21 -7.94	28.38 2.25 -4.05	27.05 1.84 -4.27
PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	20.06 -0.79 0.00	19.14 -1.01 0.00	17.59 -0.81 0.00	15.87 -0.96 0.00	14.85 -0.79 -0.13	15.04 -0.75 -0.11	14.88 -0.90 -0.20	14.78 -1.21 -0.24	16.80 -1.64 0.00	17.60 -1.66 0.00	18.46 -1.80 0.00	19.05 -1.83 -0.07	19.41 -1.73 -0.35	19.65 -1.75 -0.53	21.58 -1.47 -0.39	21.57 -1.48 -0.65	22.24 -1.70 -1.33	24.80 -1.92 1.09	25.98 -2.04 1.17	23.21 -1.79 -1.47	22.76 -1.71 -1.10	21.72 -1.29 -1.15	21.74 -0.93 -0.59	20.57 -0.98 -0.62
PACKARD___115KV_DUPONT_184 80571	20.06 -0.79 0.00	19.14 -1.01 0.00	17.59 -0.81 0.00	15.87 -0.96 0.00	14.85 -0.79 -0.13	15.04 -0.75 -0.11	14.88 -0.90 -0.20	14.78 -1.21 -0.24	16.80 -1.64 0.00	17.60 -1.66 0.00	18.46 -1.80 0.00	19.05 -1.83 -0.07	19.41 -1.73 -0.35	19.65 -1.75 -0.53	21.58 -1.47 -0.39	21.57 -1.48 -0.65	22.24 -1.70 -1.33	24.80 -1.92 1.09	25.98 -2.04 1.17	23.21 -1.79 -1.47	22.76 -1.71 -1.10	21.72 -1.29 -1.15	21.74 -0.93 -0.59	20.57 -0.98 -0.62
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	22.57 1.71 -0.01	21.66 1.51 -0.01	19.75 1.34 -0.01	18.05 1.21 -0.01	17.54 1.15 -0.88	17.58 1.15 -0.74	18.02 1.08 -1.35	18.65 1.26 -1.63	19.80 1.36 0.00	20.87 1.62 0.00	22.08 1.80 -0.01	23.34 2.02 -0.51	25.19 2.02 -2.38	26.55 2.02 -3.65	27.73 2.33 -2.73	29.15 2.28 -4.46	34.16 2.33 -9.22	40.01 2.78 -9.42	42.07 2.83 -10.05	35.83 2.14 -10.16	33.00 2.01 -7.63	31.91 2.10 -7.95	28.30 2.16 -4.05	26.99 1.78 -4.28

PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	22.75 1.90 -0.01	21.85 1.69 -0.01	19.92 1.51 -0.01	18.14 1.30 -0.01	17.62 1.23 -0.88	17.66 1.22 -0.74	18.17 1.23 -1.35	18.81 1.42 -1.63	19.97 1.53 0.00	21.06 1.81 0.00	22.28 2.01 -0.01	23.53 2.21 -0.51	25.40 2.22 -2.38	26.78 2.25 -3.65	27.98 2.58 -2.73	29.42 2.55 -4.46	34.47 2.64 -9.22	40.40 3.17 -9.42	42.51 3.27 -10.05	36.16 2.47 -10.16	33.30 2.31 -7.63	32.20 2.38 -7.95	28.58 2.45 -4.05	27.27 2.05 -4.28
PATROON__115KV_TB1 80586	21.52 0.67 0.00	20.71 0.56 0.00	18.90 0.50 0.00	17.37 0.54 0.00	17.14 0.48 -1.14	17.15 0.50 -0.96	17.85 0.50 -1.76	18.35 0.46 -2.13	19.05 0.61 0.00	19.85 0.60 0.00	20.85 0.59 0.00	22.24 0.77 -0.66	24.69 0.79 -3.11	26.45 0.81 -4.76	27.12 0.91 -3.55	29.14 0.92 -5.82	35.53 0.90 -12.03	41.18 1.08 -12.28	43.46 1.17 -13.10	37.75 0.96 -13.26	34.28 0.96 -9.96	33.10 0.87 -10.36	28.24 0.88 -5.28	27.18 0.67 -5.57
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	20.70 -0.15 0.00	19.78 -0.36 0.00	18.03 -0.37 0.00	16.36 -0.47 0.00	14.82 -0.84 -0.14	15.01 -0.80 -0.12	14.92 -0.89 -0.22	14.90 -1.12 -0.26	17.35 -1.09 0.00	18.16 -1.10 0.00	19.09 -1.18 0.00	19.29 -1.60 -0.08	19.67 -1.50 -0.38	20.00 -1.46 -0.59	21.90 -1.20 -0.44	22.02 -1.10 -0.72	22.80 -1.29 -1.48	25.01 -1.61 1.19	26.11 -1.81 1.28	23.75 -1.41 -1.63	23.33 -1.26 -1.23	22.18 -0.96 -1.28	22.09 -0.64 -0.65	20.79 -0.84 -0.69
PAWLING_115_KV_BK3_REV_LBMP_H 345028	22.31 1.46 0.00	21.40 1.25 0.00	19.54 1.14 0.00	17.86 1.03 0.00	17.36 0.96 -0.89	17.41 0.97 -0.75	17.92 0.97 -1.37	18.52 1.10 -1.65	19.80 1.36 0.00	20.76 1.50 0.00	21.87 1.60 0.00	23.28 1.96 -0.51	25.18 1.97 -2.42	26.56 1.98 -3.70	27.69 2.27 -2.76	29.17 2.24 -4.52	34.25 2.31 -9.35	40.19 2.84 -9.54	42.32 2.95 -10.18	35.99 2.16 -10.30	33.25 2.15 -7.74	31.93 2.01 -8.05	28.15 1.96 -4.10	26.84 1.57 -4.33
PEEKSKILL____ 23653	22.14 1.29 0.00	21.29 1.15 0.00	19.45 1.05 0.00	17.77 0.94 0.00	17.26 0.88 -0.86	17.31 0.89 -0.73	17.83 0.90 -1.33	18.38 1.01 -1.61	19.67 1.24 0.00	20.62 1.37 0.00	21.72 1.46 0.00	22.99 1.68 -0.50	24.81 1.66 -2.35	26.17 1.69 -3.61	27.28 1.93 -2.69	28.69 1.88 -4.41	33.63 1.92 -9.10	39.45 2.34 -9.29	41.50 2.39 -9.92	35.37 1.81 -10.04	32.67 1.77 -7.54	31.43 1.73 -7.85	27.80 1.72 -4.00	26.62 1.47 -4.22
PGE MADISON__WINDPWR 24146	22.27 1.42 0.00	21.35 1.21 0.00	19.48 1.09 0.00	17.71 0.87 0.00	16.50 0.74 -0.24	16.68 0.78 -0.20	16.77 0.81 -0.37	16.98 0.77 -0.45	19.29 0.85 0.00	20.08 0.83 0.00	21.20 0.93 0.00	21.86 0.91 -0.14	22.42 0.98 -0.66	22.98 1.11 -1.01	24.80 1.38 -0.75	25.07 1.43 -1.23	26.64 1.49 -2.54	33.08 2.14 -3.13	35.07 2.54 -3.34	28.28 1.95 -2.80	27.43 1.96 -2.10	25.87 1.81 -2.19	24.89 1.70 -1.12	23.73 1.61 -1.18
PIERCEFIELD__HYD 23852	19.77 -1.08 0.00	19.24 -0.91 0.00	17.68 -0.72 0.00	16.18 -0.66 0.00	14.91 -0.60 0.00	15.08 -0.61 0.00	15.01 -0.58 0.00	15.24 -0.52 0.00	17.81 -0.63 0.00	18.56 -0.69 0.00	19.35 -0.91 0.00	19.89 -0.92 0.00	19.85 -0.94 0.00	19.91 -0.96 0.00	21.44 -1.22 0.00	21.24 -1.16 0.00	21.52 -1.08 0.00	26.48 -1.34 0.00	27.82 -1.37 0.00	22.52 -1.01 0.00	22.33 -1.03 0.00	20.79 -1.07 0.00	20.86 -1.21 0.00	19.99 -0.94 0.00
PINELAWN_CC_1 323563	34.68 2.10 -11.72	27.98 1.95 -5.88	25.08 1.77 -4.91	23.27 1.63 -4.81	19.11 1.52 -2.08	19.12 1.54 -1.89	20.12 1.50 -3.03	20.65 1.61 -3.28	26.30 1.90 -5.96	29.77 2.08 -8.43	33.20 2.19 -10.75	34.53 2.37 -11.35	46.31 2.16 -23.36	48.69 2.07 -25.75	56.15 2.33 -31.15	57.08 2.31 -32.37	58.51 2.37 -33.53	73.75 2.89 -43.04	55.63 2.95 -23.49	47.50 2.28 -21.69	55.79 2.27 -30.16	43.70 2.34 -19.49	34.69 2.67 -9.94	34.10 2.34 -10.82
PJM_GEN_HTP_PROXY 323702	22.31 1.46 0.00	21.45 1.31 0.00	19.58 1.18 0.00	17.88 1.04 0.00	17.38 0.99 -0.88	17.41 0.99 -0.74	17.94 1.00 -1.35	18.54 1.15 -1.63	19.82 1.38 0.00	20.80 1.54 0.00	21.93 1.66 0.00	23.19 1.87 -0.50	25.04 1.87 -2.38	26.42 1.90 -3.65	27.56 2.18 -2.72	28.99 2.13 -4.46	33.97 2.15 -9.22	39.84 2.61 -9.41	41.86 2.63 -10.04	35.71 2.02 -10.16	32.93 1.94 -7.63	31.75 1.95 -7.94	28.09 1.96 -4.05	26.88 1.68 -4.27
PJM_GEN_KEystone 24065	21.22 0.38 0.00	20.41 0.26 0.00	18.62 0.22 0.00	16.98 0.15 0.00	16.12 0.08 -0.53	16.21 0.08 -0.44	16.47 0.06 -0.81	16.78 0.03 -0.99	18.53 0.09 0.00	19.41 0.15 0.00	20.43 0.16 0.00	21.30 0.19 -0.30	22.41 0.19 -1.44	23.39 0.31 -2.20	24.76 0.45 -1.64	25.52 0.42 -2.69	28.53 0.36 -5.57	33.38 0.42 -5.14	35.06 0.38 -5.49	29.95 0.28 -6.14	28.27 0.30 -4.61	27.05 0.39 -4.80	25.05 0.53 -2.44	23.87 0.36 -2.58
PJM_GEN_NEPTUNE_PROXY 323594	34.30 1.73 -11.72	27.62 1.59 -5.88	24.75 1.44 -4.91	22.95 1.31 -4.81	18.82 1.23 -2.08	18.82 1.24 -1.89	19.86 1.23 -3.03	20.38 1.34 -3.28	26.00 1.60 -5.96	29.44 1.75 -8.43	32.85 1.84 -10.75	33.97 2.04 -11.12	46.14 2.00 -23.36	48.50 2.02 -25.60	56.08 2.27 -31.15	52.34 2.24 -27.70	53.56 2.26 -28.70	69.57 2.75 -39.00	50.50 2.83 -18.47	42.30 2.19 -16.58	52.33 2.15 -26.83	43.45 2.10 -19.49	33.65 2.19 -9.38	33.40 1.90 -10.56
PJM_GEN_VFT_PROXY 323633	22.25 1.40 0.00	21.40 1.25 0.00	19.50 1.10 0.00	17.81 0.98 0.00	17.35 0.96 -0.88	17.35 0.93 -0.74	17.89 0.95 -1.35	18.51 1.12 -1.63	19.78 1.35 0.00	20.78 1.52 0.00	21.90 1.64 0.00	23.16 1.85 -0.50	25.02 1.85 -2.38	26.40 1.88 -3.65	27.54 2.15 -2.72	28.99 2.13 -4.46	33.92 2.10 -9.22	39.76 2.53 -9.41	41.80 2.57 -10.04	35.64 1.95 -10.16	32.88 1.89 -7.63	31.71 1.90 -7.94	28.04 1.92 -4.05	26.86 1.65 -4.27
PLATSBURG_115KV_PMLD1 355749	20.77 -0.08 0.00	20.33 0.18 0.00	18.58 0.18 0.00	17.08 0.25 0.00	15.75 0.23 0.00	15.94 0.25 0.00	15.81 0.22 0.00	16.08 0.32 0.00	18.86 0.42 0.00	19.70 0.44 0.00	20.65 0.39 0.00	21.16 0.35 0.00	21.10 0.31 0.00	21.10 0.23 0.00	22.73 0.07 0.00	22.49 0.09 0.00	22.78 0.18 0.00	27.95 0.14 0.00	29.22 0.03 0.00	23.60 0.07 0.00	23.43 0.07 0.00	21.69 -0.17 0.00	21.81 -0.26 0.00	20.85 -0.08 0.00
PLEASANTVLY__LBMP 24000	22.08 1.23 0.00	21.21 1.07 0.00	19.37 0.98 0.00	17.72 0.89 0.00	17.27 0.82 -0.93	17.30 0.83 -0.78	17.86 0.83 -1.44	18.40 0.90 -1.74	19.53 1.09 0.00	20.43 1.17 0.00	21.52 1.26 0.00	22.80 1.46 -0.54	24.79 1.46 -2.54	26.20 1.44 -3.89	27.22 1.65 -2.90	28.77 1.61 -4.76	34.06 1.63 -9.83	39.82 1.97 -10.04	41.91 2.01 -10.71	35.94 1.58 -10.84	33.06 1.57 -8.14	31.84 1.51 -8.47	27.92 1.52 -4.32	26.70 1.21 -4.55
PLSNTVLE_13_KV_13.8KVDIST 80602	22.29 1.44 0.00	21.40 1.25 0.00	19.54 1.14 0.00	17.86 1.03 0.00	17.36 0.96 -0.88	17.40 0.97 -0.74	17.92 0.97 -1.36	18.49 1.09 -1.64	19.75 1.31 0.00	20.70 1.44 0.00	21.82 1.56 0.00	23.09 1.77 -0.51	24.98 1.79 -2.40	26.32 1.77 -3.68	27.44 2.04 -2.74	28.89 1.99 -4.49	33.94 2.06 -9.28	39.77 2.48 -9.48	41.81 2.51 -10.11	35.71 1.95 -10.23	32.98 1.94 -7.68	31.70 1.84 -8.00	27.99 1.83 -4.08	26.70 1.47 -4.30

PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	22.29 1.44 0.00	21.40 1.25 0.00	19.54 1.14 0.00	17.86 1.03 0.00	17.36 0.96 -0.88	17.40 0.97 -0.74	17.92 0.97 -1.36	18.49 1.09 -1.64	19.75 1.31 0.00	20.70 1.44 0.00	21.82 1.56 0.00	23.09 1.77 -0.51	24.98 1.79 -2.40	26.32 1.77 -3.68	27.44 2.04 -2.74	28.89 1.99 -4.49	33.94 2.06 -9.28	39.77 2.48 -9.48	41.81 2.51 -10.11	35.71 1.95 -10.23	32.98 1.94 -7.68	31.70 1.84 -8.00	27.99 1.83 -4.08	26.70 1.47 -4.30
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	22.20 1.36 0.00	21.31 1.17 0.00	19.47 1.07 0.00	17.81 0.98 0.00	17.25 0.84 -0.90	17.26 0.82 -0.76	17.79 0.81 -1.39	18.31 0.87 -1.68	19.51 1.07 0.00	20.41 1.16 0.00	21.50 1.24 0.00	22.79 1.46 -0.52	24.70 1.46 -2.46	26.10 1.46 -3.77	27.13 1.65 -2.81	28.64 1.64 -4.61	33.82 1.70 -9.52	39.59 2.06 -9.72	41.69 2.13 -10.37	35.69 1.67 -10.49	32.88 1.64 -7.88	31.70 1.64 -8.20	27.89 1.63 -4.18	26.66 1.32 -4.41
POLETTI____ 23519	22.37 1.52 0.00	21.46 1.31 0.00	19.58 1.18 0.00	17.89 1.06 0.00	17.40 1.01 -0.88	17.41 0.99 -0.74	17.94 1.00 -1.35	18.54 1.15 -1.63	19.82 1.38 0.00	20.81 1.56 0.00	21.95 1.68 0.00	23.21 1.89 -0.50	25.06 1.89 -2.38	26.42 1.90 -3.65	27.58 2.20 -2.72	29.01 2.15 -4.46	33.97 2.15 -9.22	39.84 2.61 -9.41	41.89 2.66 -10.04	35.71 2.02 -10.16	32.93 1.94 -7.63	31.73 1.92 -7.94	28.11 1.99 -4.05	26.78 1.57 -4.27
POMONA____ESR 323819	22.12 1.27 0.00	21.29 1.15 0.00	19.43 1.03 0.00	17.77 0.94 0.00	17.20 0.85 -0.84	17.24 0.85 -0.70	17.73 0.86 -1.29	18.26 0.95 -1.56	19.62 1.18 0.00	20.54 1.29 0.00	21.66 1.40 0.00	22.89 1.60 -0.48	24.64 1.58 -2.27	25.96 1.61 -3.48	27.09 1.83 -2.60	28.45 1.79 -4.26	33.20 1.81 -8.79	38.99 2.20 -8.98	41.02 2.25 -9.58	34.94 1.72 -9.69	32.32 1.68 -7.28	31.10 1.66 -7.58	27.60 1.66 -3.86	26.41 1.40 -4.07
PORT_JEFF_3 23555	34.91 2.33 -11.72	28.18 2.16 -5.88	25.28 1.97 -4.91	23.46 1.82 -4.81	19.30 1.71 -2.08	19.31 1.73 -1.89	20.29 1.67 -3.03	20.80 1.76 -3.28	26.48 2.08 -5.96	29.98 2.29 -8.43	33.48 2.39 -10.83	38.45 2.52 -15.13	46.58 2.43 -23.36	51.43 2.40 -28.16	56.47 2.65 -31.16	132.50 2.58 -107.52	136.52 2.60 -111.32	138.99 3.14 -108.03	136.52 3.24 -104.09	129.90 2.56 -103.81	109.74 2.52 -83.85	43.80 2.45 -19.49	43.62 2.65 -18.89	38.45 2.39 -15.13
PORT_JEFF_4 23616	34.91 2.33 -11.72	28.18 2.16 -5.88	25.28 1.97 -4.91	23.46 1.82 -4.81	19.30 1.71 -2.08	19.31 1.73 -1.89	20.29 1.67 -3.03	20.80 1.76 -3.28	26.48 2.08 -5.96	29.98 2.29 -8.43	33.48 2.39 -10.83	38.45 2.52 -15.13	46.58 2.43 -23.36	51.43 2.40 -28.16	56.47 2.65 -31.16	132.50 2.58 -107.52	136.52 2.60 -111.32	138.99 3.14 -108.03	136.52 3.24 -104.09	129.90 2.56 -103.81	109.74 2.52 -83.85	43.80 2.45 -19.49	43.62 2.65 -18.89	38.45 2.39 -15.13
PORT_JEFF_IC 23713	34.95 2.38 -11.72	28.22 2.20 -5.88	25.32 2.01 -4.91	23.51 1.87 -4.81	19.35 1.75 -2.08	19.34 1.76 -1.89	20.32 1.70 -3.03	20.84 1.80 -3.28	26.52 2.12 -5.96	30.03 2.35 -8.43	33.57 2.47 -10.84	39.13 2.60 -15.72	46.68 2.54 -23.36	51.85 2.44 -28.53	56.52 2.70 -31.16	144.49 2.64 -119.45	148.93 2.67 -123.66	149.38 3.22 -118.35	149.39 3.33 -116.88	142.97 2.61 -116.83	118.30 2.57 -92.37	43.85 2.49 -19.49	45.10 2.71 -20.31	39.24 2.49 -15.81
PPL PILGRIM_ST_GT1 24216	34.88 2.31 -11.72	28.18 2.16 -5.88	25.28 1.97 -4.91	23.46 1.82 -4.81	19.28 1.69 -2.08	19.29 1.71 -1.89	20.29 1.67 -3.03	20.80 1.76 -3.28	26.48 2.08 -5.96	29.96 2.27 -8.43	33.42 2.39 -10.76	35.39 2.56 -12.02	46.68 2.54 -23.36	49.47 2.42 -26.18	56.44 2.63 -31.15	70.69 2.60 -45.69	72.57 2.64 -47.32	85.60 3.22 -54.56	70.26 3.30 -37.77	62.34 2.56 -36.24	65.56 2.52 -39.68	43.98 2.62 -19.49	36.43 2.83 -11.53	35.05 2.53 -11.59
PPL PILGRIM_ST_GT2 24217	34.88 2.31 -11.72	28.18 2.16 -5.88	25.28 1.97 -4.91	23.46 1.82 -4.81	19.28 1.69 -2.08	19.29 1.71 -1.89	20.29 1.67 -3.03	20.80 1.76 -3.28	26.48 2.08 -5.96	29.96 2.27 -8.43	33.42 2.39 -10.76	35.39 2.56 -12.02	46.68 2.54 -23.36	49.47 2.42 -26.18	56.44 2.63 -31.15	70.69 2.60 -45.69	72.57 2.64 -47.32	85.60 3.22 -54.56	70.26 3.30 -37.77	62.34 2.56 -36.24	65.56 2.52 -39.68	43.98 2.62 -19.49	36.43 2.83 -11.53	35.05 2.53 -11.59
PPL_SHRM_GT3 24213	35.18 2.61 -11.72	28.42 2.40 -5.88	25.50 2.19 -4.91	23.66 2.02 -4.81	19.48 1.89 -2.08	19.50 1.91 -1.89	20.48 1.85 -3.03	20.98 1.94 -3.28	26.69 2.29 -5.96	30.21 2.52 -8.43	33.75 2.65 -10.83	38.86 2.85 -15.20	46.97 2.83 -23.36	51.97 2.90 -28.20	57.06 3.24 -31.16	134.62 3.23 -108.99	138.71 3.28 -112.83	141.15 4.03 -109.30	138.99 4.14 -105.66	132.18 3.25 -105.41	111.46 3.20 -84.90	44.42 3.06 -19.49	44.37 3.22 -19.07	39.02 2.87 -15.21
PPL_SHRM_GT4 24214	35.18 2.61 -11.72	28.42 2.40 -5.88	25.50 2.19 -4.91	23.66 2.02 -4.81	19.48 1.89 -2.08	19.50 1.91 -1.89	20.48 1.85 -3.03	20.98 1.94 -3.28	26.69 2.29 -5.96	30.21 2.52 -8.43	33.75 2.65 -10.83	38.86 2.85 -15.20	46.97 2.83 -23.36	51.97 2.90 -28.20	57.06 3.24 -31.16	134.62 3.23 -108.99	138.71 3.28 -112.83	141.15 4.03 -109.30	138.99 4.14 -105.66	132.18 3.25 -105.41	111.46 3.20 -84.90	44.42 3.06 -19.49	44.37 3.22 -19.07	39.02 2.87 -15.21
PROJECT___ORANGE 1 24174	20.75 -0.10 0.00	20.00 -0.14 0.00	18.23 -0.17 0.00	16.66 -0.17 0.00	15.45 -0.14 -0.08	15.63 -0.13 -0.06	15.60 -0.11 -0.12	15.78 -0.13 -0.14	18.27 -0.17 0.00	19.08 -0.17 0.00	20.12 -0.14 0.00	20.62 -0.23 -0.04	20.77 -0.23 -0.21	21.02 -0.17 -0.32	22.83 -0.07 -0.24	22.70 -0.09 -0.39	23.29 -0.11 -0.80	28.55 -0.08 -0.81	29.97 -0.09 -0.87	24.29 -0.12 -0.88	23.93 -0.09 -0.66	22.46 -0.09 -0.69	22.36 -0.07 -0.35	21.20 -0.10 -0.37
PROJECT___ORANGE 2 24166	20.75 -0.10 0.00	20.00 -0.14 0.00	18.23 -0.17 0.00	16.66 -0.17 0.00	15.45 -0.14 -0.08	15.63 -0.13 -0.06	15.60 -0.11 -0.12	15.78 -0.13 -0.14	18.27 -0.17 0.00	19.08 -0.17 0.00	20.12 -0.14 0.00	20.62 -0.23 -0.04	20.77 -0.23 -0.21	21.02 -0.17 -0.32	22.83 -0.07 -0.24	22.70 -0.09 -0.39	23.29 -0.11 -0.80	28.55 -0.08 -0.81	29.97 -0.09 -0.87	24.29 -0.12 -0.88	23.93 -0.09 -0.66	22.46 -0.09 -0.69	22.36 -0.07 -0.35	21.20 -0.10 -0.37
PUCKETT___SOLAR 323809	21.33 0.48 0.00	20.53 0.38 0.00	18.71 0.31 0.00	17.08 0.25 0.00	15.95 0.17 -0.26	16.10 0.19 -0.22	16.20 0.20 -0.40	16.41 0.16 -0.49	18.62 0.18 0.00	19.41 0.15 0.00	20.43 0.16 0.00	21.06 0.10 -0.15	21.61 0.10 -0.71	22.20 0.23 -1.09	23.84 0.36 -0.82	24.12 0.38 -1.34	25.75 0.38 -2.76	31.27 0.64 -2.82	32.96 0.76 -3.01	27.16 0.59 -3.04	26.28 0.63 -2.29	24.85 0.61 -2.38	23.91 0.62 -1.21	22.76 0.54 -1.28
PYRITES___HYD 24023	20.20 -0.65 0.00	19.64 -0.50 0.00	18.07 -0.33 0.00	16.49 -0.34 0.00	15.20 -0.31 0.00	15.38 -0.31 0.00	15.33 -0.27 0.00	15.56 -0.20 0.00	18.18 -0.26 0.00	18.95 -0.31 0.00	19.76 -0.51 0.00	20.33 -0.48 0.00	20.29 -0.50 0.00	20.35 -0.52 0.00	21.94 -0.73 0.00	21.71 -0.69 0.00	21.99 -0.61 0.00	27.12 -0.70 0.00	28.49 -0.70 0.00	23.08 -0.45 0.00	22.89 -0.47 0.00	21.32 -0.55 0.00	21.37 -0.71 0.00	20.52 -0.42 0.00

QUAKERRD_115KV_BK1 80622	20.24 -0.60 0.00	19.44 -0.71 0.00	17.72 -0.68 0.00	16.16 -0.67 0.00	15.07 -0.54 -0.10	15.24 -0.53 -0.08	15.18 -0.56 -0.15	15.30 -0.65 -0.18	17.53 -0.90 0.00	18.33 -0.92 0.00	19.33 -0.93 0.00	19.95 -0.92 -0.06	20.18 -0.87 -0.27	20.42 -0.86 -0.41	22.29 -0.68 -0.30	22.20 -0.69 -0.50	22.82 -0.81 -1.03	27.72 -1.14 -1.05	29.14 -1.17 -1.12	23.84 -0.82 -1.13	23.44 -0.77 -0.85	22.14 -0.61 -0.89	22.04 -0.49 -0.45	20.91 -0.50 -0.48
QUENSBRY_115KV_TB8 356137	21.79 0.94 0.00	20.99 0.85 0.00	19.12 0.72 0.00	17.56 0.72 0.00	17.39 0.70 -1.17	17.40 0.72 -0.99	18.06 0.65 -1.81	18.60 0.65 -2.19	19.16 0.72 0.00	19.99 0.73 0.00	21.03 0.77 0.00	22.42 0.94 -0.68	24.94 0.96 -3.20	26.73 0.96 -4.90	27.43 1.11 -3.65	29.60 1.21 -5.99	36.15 1.18 -12.37	41.86 1.42 -12.63	44.36 1.69 -13.47	38.53 1.36 -13.64	35.00 1.40 -10.24	33.70 1.18 -10.66	28.88 1.37 -5.43	27.69 1.03 -5.73
RAMAPO___LBMP 323565	22.08 1.23 0.00	21.21 1.07 0.00	19.36 0.96 0.00	17.71 0.88 0.00	17.15 0.81 -0.83	17.19 0.80 -0.70	17.68 0.81 -1.28	18.22 0.91 -1.55	19.56 1.12 0.00	20.49 1.23 0.00	21.60 1.34 0.00	22.81 1.52 -0.48	24.57 1.52 -2.26	25.84 1.50 -3.47	26.99 1.74 -2.58	28.34 1.70 -4.24	33.07 1.72 -8.75	38.84 2.09 -8.94	40.86 2.13 -9.53	34.80 1.62 -9.65	32.19 1.59 -7.25	30.96 1.55 -7.54	27.49 1.57 -3.84	26.20 1.21 -4.05
RANKINE____ 23646	20.72 -0.13 0.00	19.80 -0.34 0.00	18.05 -0.35 0.00	16.38 -0.45 0.00	15.06 -0.59 -0.14	15.24 -0.56 -0.12	15.15 -0.65 -0.21	15.10 -0.91 -0.26	17.35 -1.09 0.00	18.16 -1.10 0.00	19.07 -1.20 0.00	19.51 -1.37 -0.08	19.89 -1.27 -0.37	20.19 -1.25 -0.57	22.12 -0.97 -0.43	22.21 -0.90 -0.70	22.97 -1.08 -1.45	24.63 -1.50 1.69	25.78 -1.61 1.81	23.95 -1.18 -1.60	23.53 -1.03 -1.20	22.41 -0.70 -1.25	22.36 -0.35 -0.64	21.08 -0.52 -0.67
RAVENSWOOD_GT2_1 24244	22.39 1.54 0.00	21.50 1.35 0.00	19.61 1.21 0.00	17.91 1.08 0.00	17.41 1.02 -0.88	17.44 1.02 -0.74	17.95 1.01 -1.35	18.56 1.17 -1.63	19.84 1.40 0.00	20.83 1.58 0.00	21.97 1.70 0.00	23.23 1.91 -0.50	25.08 1.91 -2.38	26.44 1.92 -3.65	27.58 2.20 -2.72	29.01 2.15 -4.46	34.01 2.19 -9.22	39.87 2.64 -9.41	41.92 2.69 -10.04	35.73 2.05 -10.16	32.98 1.99 -7.63	31.77 1.97 -7.94	28.13 2.01 -4.05	26.82 1.61 -4.27
RAVENSWOOD_GT2_2 24245	22.39 1.54 0.00	21.50 1.35 0.00	19.61 1.21 0.00	17.91 1.08 0.00	17.41 1.02 -0.88	17.44 1.02 -0.74	17.95 1.01 -1.35	18.56 1.17 -1.63	19.84 1.40 0.00	20.83 1.58 0.00	21.97 1.70 0.00	23.23 1.91 -0.50	25.08 1.91 -2.38	26.44 1.92 -3.65	27.58 2.20 -2.72	29.01 2.15 -4.46	34.01 2.19 -9.22	39.87 2.64 -9.41	41.92 2.69 -10.04	35.73 2.05 -10.16	32.98 1.99 -7.63	31.77 1.97 -7.94	28.13 2.01 -4.05	26.82 1.61 -4.27
RAVENSWOOD_GT2_3 24246	22.41 1.56 0.00	21.50 1.35 0.00	19.61 1.21 0.00	17.93 1.09 0.00	17.43 1.04 -0.88	17.44 1.02 -0.74	17.97 1.03 -1.35	18.57 1.18 -1.63	19.86 1.42 0.00	20.85 1.60 0.00	21.99 1.72 0.00	23.25 1.94 -0.50	25.10 1.93 -2.38	26.46 1.94 -3.65	27.61 2.22 -2.72	29.04 2.17 -4.46	34.04 2.22 -9.22	39.89 2.67 -9.41	41.95 2.71 -10.04	35.76 2.07 -10.16	33.00 2.01 -7.63	31.77 1.97 -7.94	28.16 2.03 -4.05	26.84 1.63 -4.27
RAVENSWOOD_GT2_4 24247	22.41 1.56 0.00	21.50 1.35 0.00	19.61 1.21 0.00	17.93 1.09 0.00	17.43 1.04 -0.88	17.44 1.02 -0.74	17.97 1.03 -1.35	18.57 1.18 -1.63	19.86 1.42 0.00	20.85 1.60 0.00	21.99 1.72 0.00	23.25 1.94 -0.50	25.10 1.93 -2.38	26.46 1.94 -3.65	27.61 2.22 -2.72	29.04 2.17 -4.46	34.04 2.22 -9.22	39.89 2.67 -9.41	41.95 2.71 -10.04	35.76 2.07 -10.16	33.00 2.01 -7.63	31.77 1.97 -7.94	28.16 2.03 -4.05	26.84 1.63 -4.27
RAVENSWOOD_GT3_1 24248	22.39 1.54 0.00	21.50 1.35 0.00	19.61 1.21 0.00	17.91 1.08 0.00	17.41 1.02 -0.88	17.44 1.02 -0.74	17.97 1.03 -1.35	18.56 1.17 -1.63	19.84 1.40 0.00	20.83 1.58 0.00	21.97 1.70 0.00	23.23 1.91 -0.50	25.08 1.91 -2.38	26.44 1.92 -3.65	27.61 2.22 -2.72	29.04 2.17 -4.46	34.01 2.19 -9.22	39.87 2.64 -9.41	41.92 2.69 -10.04	35.73 2.05 -10.16	32.98 1.99 -7.63	31.77 1.97 -7.94	28.13 2.01 -4.05	26.82 1.61 -4.27
RAVENSWOOD_GT3_2 24249	22.39 1.54 0.00	21.50 1.35 0.00	19.61 1.21 0.00	17.91 1.08 0.00	17.41 1.02 -0.88	17.44 1.02 -0.74	17.97 1.03 -1.35	18.56 1.17 -1.63	19.84 1.40 0.00	20.83 1.58 0.00	21.97 1.70 0.00	23.23 1.91 -0.50	25.08 1.91 -2.38	26.44 1.92 -3.65	27.61 2.22 -2.72	29.04 2.17 -4.46	34.01 2.19 -9.22	39.87 2.64 -9.41	41.92 2.69 -10.04	35.73 2.05 -10.16	32.98 1.99 -7.63	31.77 1.97 -7.94	28.13 2.01 -4.05	26.82 1.61 -4.27
RAVENSWOOD_GT3_3 24250	22.39 1.54 0.00	21.50 1.35 0.00	19.61 1.21 0.00	17.93 1.09 0.00	17.41 1.02 -0.88	17.44 1.02 -0.74	17.97 1.03 -1.35	18.56 1.17 -1.63	19.84 1.40 0.00	20.83 1.58 0.00	21.97 1.70 0.00	23.23 1.91 -0.50	25.08 1.91 -2.38	26.44 1.92 -3.65	27.61 2.22 -2.72	29.04 2.17 -4.46	34.01 2.19 -9.22	39.87 2.64 -9.41	41.92 2.69 -10.04	35.73 2.05 -10.16	32.98 1.99 -7.63	31.77 1.97 -7.94	28.13 2.01 -4.05	26.82 1.61 -4.27
RAVENSWOOD_GT3_4 24251	22.39 1.54 0.00	21.50 1.35 0.00	19.61 1.21 0.00	17.93 1.09 0.00	17.41 1.02 -0.88	17.44 1.02 -0.74	17.97 1.03 -1.35	18.56 1.17 -1.63	19.84 1.40 0.00	20.83 1.58 0.00	21.97 1.70 0.00	23.23 1.91 -0.50	25.08 1.91 -2.38	26.44 1.92 -3.65	27.61 2.22 -2.72	29.04 2.17 -4.46	34.01 2.19 -9.22	39.87 2.64 -9.41	41.92 2.69 -10.04	35.73 2.05 -10.16	32.98 1.99 -7.63	31.77 1.97 -7.94	28.13 2.01 -4.05	26.82 1.61 -4.27
RAVENSWOOD_GT_1 23729	22.46 1.61 -0.01	21.61 1.45 -0.01	19.71 1.31 -0.01	18.00 1.16 -0.01	17.50 1.10 -0.88	17.52 1.10 -0.74	18.01 1.07 -1.35	18.64 1.24 -1.63	19.88 1.44 0.00	20.91 1.66 0.00	22.08 1.80 -0.01	25.16 2.02 -2.33	25.17 2.00 -2.38	26.57 2.05 -3.65	27.71 2.31 -2.73	29.13 2.26 -4.47	39.78 2.28 -14.89	44.84 2.75 -14.27	46.09 2.80 -14.09	40.66 2.12 -15.02	33.88 2.06 -8.46	33.77 2.10 -9.81	28.25 2.12 -4.06	27.85 1.82 -5.09
RAVENSWOOD_GT_10 24258	22.39 1.54 0.00	21.49 1.35 0.00	19.59 1.20 0.00	17.91 1.08 0.00	17.41 1.02 -0.87	17.44 1.02 -0.74	17.95 1.01 -1.35	18.56 1.17 -1.63	19.84 1.40 0.00	20.83 1.58 0.00	21.97 1.70 0.00	23.23 1.91 -0.50	25.08 1.91 -2.38	26.44 1.92 -3.65	27.58 2.20 -2.72	29.01 2.15 -4.46	34.01 2.19 -9.22	39.87 2.64 -9.41	41.92 2.69 -10.04	35.73 2.05 -10.16	32.98 1.99 -7.63	31.77 1.97 -7.94	28.13 2.01 -4.05	26.82 1.61 -4.27
RAVENSWOOD_GT_11 24259	22.35 1.50 0.00	21.50 1.35 0.00	19.61 1.21 0.00	17.91 1.08 0.00	17.41 1.02 -0.87	17.44 1.02 -0.74	17.95 1.01 -1.35	18.56 1.17 -1.63	19.84 1.40 0.00	20.83 1.58 0.00	21.97 1.70 0.00	23.23 1.91 -0.50	25.06 1.89 -2.38	26.46 1.94 -3.65	27.58 2.20 -2.72	29.01 2.15 -4.46	34.01 2.19 -9.22	39.87 2.64 -9.41	41.92 2.68 -10.04	35.73 2.05 -10.16	32.98 1.98 -7.63	31.79 1.99 -7.94	28.13 2.01 -4.05	26.92 1.72 -4.27

RAVENSWOOD_GT_4 24252	22.37 1.52 0.01	21.47 1.33 0.01	19.59 1.20 0.01	17.90 1.08 0.01	17.41 1.02 -0.87	17.43 1.00 -0.74	17.95 1.01 -1.35	18.56 1.17 -1.63	19.84 1.40 0.00	20.81 1.56 0.00	21.94 1.68 0.01	24.59 1.89 -1.89	25.06 1.89 -2.38	26.42 1.90 -3.65	27.58 2.20 -2.72	29.02 2.15 -4.47	38.31 2.17 -13.54	43.54 2.61 -13.11	44.98 2.66 -13.13	39.43 2.05 -13.86	33.58 1.96 -8.26	33.16 1.95 -9.35	28.11 1.99 -4.04	27.42 1.59 -4.89
RAVENSWOOD_GT_5 24254	22.37 1.52 0.01	21.47 1.33 0.01	19.59 1.20 0.01	17.90 1.08 0.01	17.41 1.02 -0.87	17.43 1.00 -0.74	17.95 1.01 -1.35	18.56 1.17 -1.63	19.84 1.40 0.00	20.81 1.56 0.00	21.94 1.68 0.01	24.59 1.89 -1.89	25.06 1.89 -2.38	26.42 1.90 -3.65	27.58 2.20 -2.72	29.02 2.15 -4.47	38.31 2.17 -13.54	43.54 2.61 -13.11	44.98 2.66 -13.13	39.43 2.05 -13.86	33.58 1.96 -8.26	33.16 1.95 -9.35	28.11 1.99 -4.04	27.42 1.59 -4.89
RAVENSWOOD_GT_6 24253	22.37 1.52 0.01	21.47 1.33 0.01	19.59 1.20 0.01	17.90 1.08 0.01	17.41 1.02 -0.87	17.43 1.00 -0.74	17.95 1.01 -1.35	18.56 1.17 -1.63	19.84 1.40 0.00	20.81 1.56 0.00	21.94 1.68 0.01	24.59 1.89 -1.89	25.06 1.89 -2.38	26.42 1.90 -3.65	27.58 2.20 -2.72	29.02 2.15 -4.47	38.31 2.17 -13.54	43.54 2.61 -13.11	44.98 2.66 -13.13	39.43 2.05 -13.86	33.58 1.96 -8.26	33.16 1.95 -9.35	28.11 1.99 -4.04	27.42 1.59 -4.89
RAVENSWOOD_GT_7 24255	22.37 1.52 0.01	21.47 1.33 0.01	19.59 1.20 0.01	17.90 1.08 0.01	17.41 1.02 -0.87	17.43 1.00 -0.74	17.95 1.01 -1.35	18.56 1.17 -1.63	19.84 1.40 0.00	20.81 1.56 0.00	21.94 1.68 0.01	24.59 1.89 -1.89	25.06 1.89 -2.38	26.42 1.90 -3.65	27.58 2.20 -2.72	29.02 2.15 -4.47	38.31 2.17 -13.54	43.54 2.61 -13.11	44.98 2.66 -13.13	39.43 2.05 -13.86	33.58 1.96 -8.26	33.16 1.95 -9.35	28.11 1.99 -4.04	27.42 1.59 -4.89
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	22.39 1.54 0.00	21.49 1.35 0.00	19.59 1.20 0.00	17.91 1.08 0.00	17.41 1.02 -0.87	17.44 1.02 -0.74	17.95 1.01 -1.35	18.56 1.17 -1.63	19.84 1.40 0.00	20.83 1.58 0.00	21.97 1.70 0.00	23.23 1.91 -0.50	25.08 1.91 -2.38	26.44 1.92 -3.65	27.58 2.20 -2.72	29.01 2.15 -4.46	34.01 2.19 -9.22	39.87 2.64 -9.41	41.92 2.69 -10.04	35.73 2.05 -10.16	32.98 1.99 -7.63	31.77 1.97 -7.94	28.13 2.01 -4.05	26.82 1.61 -4.27
RAVENSWOOD_GT_9 24257	22.39 1.54 0.00	21.49 1.35 0.00	19.59 1.20 0.00	17.91 1.08 0.00	17.41 1.02 -0.87	17.44 1.02 -0.74	17.95 1.01 -1.35	18.56 1.17 -1.63	19.84 1.40 0.00	20.83 1.58 0.00	21.97 1.70 0.00	23.23 1.91 -0.50	25.08 1.91 -2.38	26.44 1.92 -3.65	27.58 2.20 -2.72	29.01 2.15 -4.46	34.01 2.19 -9.22	39.87 2.64 -9.41	41.92 2.69 -10.04	35.73 2.05 -10.16	32.98 1.99 -7.63	31.77 1.97 -7.94	28.13 2.01 -4.05	26.82 1.61 -4.27
RAVENSWOOD___1 23533	22.44 1.58 -0.01	21.58 1.43 -0.01	19.69 1.29 -0.01	18.00 1.16 -0.01	17.50 1.10 -0.88	17.51 1.08 -0.74	18.00 1.06 -1.35	18.62 1.23 -1.63	19.88 1.44 0.00	20.89 1.64 0.00	22.06 1.78 -0.01	23.32 2.00 -0.51	25.17 2.00 -2.38	26.55 2.02 -3.65	27.70 2.31 -2.73	29.12 2.26 -4.46	34.10 2.28 -9.22	39.95 2.73 -9.41	42.01 2.77 -10.04	35.81 2.12 -10.16	33.02 2.03 -7.63	31.89 2.08 -7.95	28.23 2.10 -4.05	27.01 1.80 -4.27
RAVENSWOOD___2 23534	22.44 1.58 -0.01	21.58 1.43 -0.01	19.69 1.29 -0.01	18.00 1.16 -0.01	17.50 1.10 -0.88	17.51 1.08 -0.74	18.00 1.06 -1.35	18.62 1.23 -1.63	19.86 1.42 0.00	20.89 1.64 0.00	22.06 1.78 -0.01	23.32 2.00 -0.51	25.17 2.00 -2.38	26.55 2.02 -3.65	27.70 2.31 -2.73	29.10 2.24 -4.46	34.10 2.28 -9.22	39.95 2.73 -9.41	42.01 2.77 -10.04	35.81 2.12 -10.16	33.02 2.03 -7.63	31.89 2.08 -7.95	28.23 2.10 -4.05	27.01 1.80 -4.27
RAVENSWOOD___3 23535	22.35 1.50 0.00	21.50 1.35 0.00	19.61 1.21 0.00	17.92 1.09 0.00	17.43 1.04 -0.88	17.44 1.02 -0.74	17.97 1.03 -1.35	18.56 1.17 -1.63	19.84 1.40 0.00	20.83 1.58 0.00	21.97 1.70 0.00	23.23 1.91 -0.50	25.08 1.91 -2.38	26.46 1.94 -3.65	27.61 2.22 -2.72	29.04 2.17 -4.46	34.01 2.19 -9.22	39.87 2.64 -9.41	41.92 2.68 -10.04	35.73 2.05 -10.16	32.98 1.98 -7.63	31.79 1.99 -7.94	28.13 2.01 -4.05	26.92 1.72 -4.27
RAVENSWOOD___4 23820	22.44 1.58 -0.01	21.58 1.43 -0.01	19.67 1.27 -0.01	17.98 1.15 -0.01	17.48 1.09 -0.88	17.51 1.08 -0.74	18.00 1.06 -1.35	18.62 1.23 -1.63	19.86 1.42 0.00	20.89 1.64 0.00	22.05 1.78 -0.01	21.52 2.00 1.28	25.15 1.98 -2.38	26.54 2.02 -3.65	27.68 2.29 -2.73	29.10 2.24 -4.46	28.51 2.28 -3.62	35.16 2.73 -4.62	38.01 2.77 -6.05	31.00 2.09 -5.38	32.21 2.03 -6.82	30.06 2.08 -6.12	28.23 2.10 -4.05	26.20 1.80 -3.46
RCPL_TRUST___DRP 24196	22.39 1.54 0.00	21.48 1.33 0.00	19.59 1.20 0.00	17.89 1.06 0.00	17.40 1.01 -0.88	17.43 1.00 -0.74	17.95 1.01 -1.35	18.56 1.17 -1.63	19.84 1.40 0.00	20.83 1.58 0.00	21.97 1.70 0.00	23.23 1.91 -0.50	25.08 1.91 -2.38	26.44 1.92 -3.65	27.61 2.22 -2.72	29.04 2.17 -4.46	34.01 2.19 -9.22	39.87 2.64 -9.41	41.92 2.69 -10.04	35.73 2.05 -10.16	32.98 1.99 -7.63	31.75 1.95 -7.94	28.11 1.99 -4.05	26.80 1.59 -4.27
RED___ROCHESTER 323720	20.87 0.02 0.00	20.03 -0.12 0.00	18.23 -0.17 0.00	16.65 -0.18 0.00	15.51 -0.11 -0.10	15.70 -0.08 -0.09	15.61 -0.14 -0.16	15.68 -0.27 -0.19	17.96 -0.48 0.00	18.77 -0.48 0.00	19.84 -0.43 0.00	20.51 -0.35 -0.06	20.75 -0.31 -0.28	21.19 -0.10 -0.42	22.96 -0.02 -0.32	22.88 -0.04 -0.52	23.49 -0.18 -1.07	28.55 -0.36 -1.10	30.01 -0.35 -1.17	24.57 -0.14 -1.18	24.15 -0.09 -0.89	22.85 0.07 -0.92	22.77 0.22 -0.47	21.68 0.25 -0.50
REGAN___SOLAR 323812	22.93 2.08 0.00	22.10 1.95 0.00	20.09 1.69 0.00	18.21 1.38 0.00	18.17 1.32 -1.34	18.16 1.35 -1.13	19.18 1.53 -2.06	19.80 1.55 -2.49	20.34 1.90 0.00	21.20 1.94 0.00	22.31 2.05 0.00	23.87 2.29 -0.77	26.74 2.31 -3.65	28.81 2.36 -5.58	29.50 2.67 -4.16	32.05 2.82 -6.82	39.59 2.89 -14.10	45.85 3.64 -14.39	48.72 4.17 -15.36	42.46 3.39 -15.54	38.51 3.48 -11.67	37.01 3.00 -12.15	31.34 3.07 -6.19	30.10 2.64 -6.53
RENSSELAER___COGEN 23796	21.39 0.54 0.00	20.63 0.48 0.00	18.82 0.42 0.00	17.30 0.47 0.00	17.06 0.42 -1.13	17.08 0.44 -0.95	17.75 0.42 -1.74	18.26 0.39 -2.10	18.95 0.52 0.00	19.75 0.50 0.00	20.75 0.49 0.00	22.10 0.65 -0.65	24.53 0.67 -3.07	26.27 0.69 -4.71	26.92 0.75 -3.51	28.92 0.76 -5.75	35.23 0.74 -11.89	40.87 0.92 -12.14	43.10 0.96 -12.95	37.43 0.80 -13.10	34.00 0.79 -9.84	32.85 0.74 -10.24	28.05 0.75 -5.22	27.09 0.65 -5.51
REPUBLIC_115KV_BARTNBRK 55605	22.83 1.98 0.00	21.98 1.83 0.00	19.98 1.58 0.00	18.21 1.38 0.00	18.04 1.35 -1.17	18.06 1.38 -0.99	18.80 1.40 -1.81	19.37 1.42 -2.19	20.15 1.71 0.00	21.08 1.83 0.00	22.21 1.95 0.00	23.69 2.21 -0.68	26.10 2.12 -3.20	27.90 2.13 -4.90	28.76 2.45 -3.65	31.03 2.64 -5.98	37.54 2.58 -12.36	43.55 3.12 -12.62	46.31 3.65 -13.46	40.09 2.94 -13.63	36.68 3.08 -10.23	35.14 2.62 -10.65	30.35 2.85 -5.43	28.99 2.32 -5.73

REVERE_CPDR_DRP 24186	21.35 0.50 0.00	20.55 0.40 0.00	18.77 0.37 0.00	17.10 0.27 0.00	15.79 0.23 -0.04	15.99 0.27 -0.04	15.94 0.28 -0.07	16.11 0.27 -0.08	18.71 0.28 0.00	19.52 0.27 0.00	20.61 0.34 0.00	21.17 0.33 -0.02	21.26 0.35 -0.12	21.47 0.42 -0.18	23.38 0.59 -0.13	23.22 0.60 -0.22	23.69 0.63 -0.45	29.19 0.92 -0.46	30.73 1.05 -0.49	24.85 0.82 -0.50	24.53 0.79 -0.37	22.97 0.72 -0.39	22.87 0.60 -0.20	21.69 0.54 -0.21
REYNOLDS_115KV_TB3 80639	21.60 0.75 0.00	20.79 0.64 0.00	18.99 0.59 0.00	17.44 0.61 0.00	17.19 0.54 -1.13	17.20 0.56 -0.95	17.88 0.55 -1.74	18.36 0.49 -2.11	19.06 0.63 0.00	19.87 0.62 0.00	20.89 0.63 0.00	22.25 0.79 -0.65	24.68 0.81 -3.08	26.40 0.81 -4.72	27.09 0.91 -3.52	29.06 0.90 -5.77	35.39 0.88 -11.91	41.06 1.08 -12.16	43.30 1.14 -12.97	37.60 0.94 -13.13	34.15 0.93 -9.86	33.02 0.90 -10.26	28.21 0.91 -5.23	27.14 0.69 -5.52
RIVERBAY____ 323610	22.75 1.90 -0.01	21.85 1.69 -0.01	19.92 1.51 -0.01	18.14 1.30 -0.01	17.62 1.23 -0.88	17.66 1.22 -0.74	18.17 1.23 -1.35	18.81 1.42 -1.63	19.97 1.53 0.00	21.06 1.81 0.00	22.28 2.01 -0.01	23.53 2.21 -0.51	25.40 2.22 -2.38	26.78 2.25 -3.65	27.98 2.58 -2.73	29.42 2.55 -4.46	34.47 2.64 -9.22	40.40 3.17 -9.42	42.51 3.27 -10.05	36.16 2.47 -10.16	33.30 2.31 -7.63	32.20 2.38 -7.95	28.58 2.45 -4.05	27.27 2.05 -4.28
RIVERSDE_115KV_TB3 55908	21.52 0.67 0.00	20.71 0.56 0.00	18.91 0.52 0.00	17.39 0.56 0.00	17.14 0.50 -1.13	17.16 0.52 -0.95	17.84 0.50 -1.75	18.33 0.46 -2.11	19.03 0.59 0.00	19.83 0.58 0.00	20.83 0.57 0.00	22.21 0.75 -0.65	24.65 0.77 -3.09	26.37 0.77 -4.73	27.05 0.86 -3.53	29.06 0.87 -5.78	35.38 0.84 -11.94	41.04 1.03 -12.19	43.31 1.11 -13.01	37.61 0.92 -13.17	34.16 0.91 -9.89	33.01 0.85 -10.29	28.18 0.86 -5.24	27.12 0.65 -5.53
ROARING__BROOK_WT_PWR 323790	20.66 -0.19 0.00	20.01 -0.14 0.00	18.25 -0.15 0.00	16.65 -0.18 0.00	15.26 -0.25 0.00	15.33 -0.36 0.00	15.14 -0.45 0.00	15.29 -0.47 0.00	17.89 -0.55 0.00	18.72 -0.54 0.00	19.74 -0.53 0.00	20.25 -0.56 0.00	20.21 -0.58 0.00	20.29 -0.58 0.00	22.05 -0.61 0.00	21.82 -0.58 0.00	22.11 -0.50 0.00	27.34 -0.47 0.00	28.78 -0.41 0.00	23.17 -0.35 0.00	22.87 -0.49 0.00	21.27 -0.59 0.00	21.37 -0.71 0.00	20.25 -0.69 0.00
ROCHESRG_115KV_T4 355643	20.66 -0.19 0.00	19.80 -0.34 0.00	18.07 -0.33 0.00	16.48 -0.35 0.00	15.37 -0.25 -0.10	15.54 -0.24 -0.08	15.47 -0.28 -0.16	15.54 -0.41 -0.19	17.77 -0.66 0.00	18.58 -0.67 0.00	19.60 -0.67 0.00	20.22 -0.65 -0.06	20.48 -0.58 -0.27	20.73 -0.56 -0.42	22.66 -0.32 -0.31	22.58 -0.34 -0.51	23.19 -0.47 -1.06	27.73 -0.75 -0.67	29.15 -0.76 -0.71	24.23 -0.47 -1.17	23.82 -0.42 -0.88	22.56 -0.22 -0.92	22.50 -0.04 -0.47	21.32 -0.10 -0.49
ROCHESTER_9_IC 23652	20.79 -0.06 0.00	19.92 -0.22 0.00	18.16 -0.24 0.00	16.58 -0.25 0.00	15.44 -0.17 -0.10	15.63 -0.14 -0.09	15.54 -0.20 -0.16	15.64 -0.32 -0.19	17.88 -0.55 0.00	18.70 -0.56 0.00	19.72 -0.55 0.00	20.37 -0.50 -0.06	20.63 -0.44 -0.28	20.88 -0.42 -0.42	22.82 -0.16 -0.32	22.74 -0.18 -0.52	23.36 -0.32 -1.07	28.38 -0.53 -1.10	29.84 -0.53 -1.17	24.40 -0.31 -1.18	24.01 -0.23 -0.89	22.72 -0.07 -0.92	22.66 0.11 -0.47	21.47 0.04 -0.50
ROCKVIEW_13_KV_LD 356306	22.39 1.54 0.00	21.50 1.35 0.00	19.63 1.23 0.00	17.94 1.11 0.00	17.43 1.04 -0.88	17.48 1.05 -0.74	18.00 1.06 -1.35	18.57 1.18 -1.63	19.88 1.44 0.00	20.85 1.60 0.00	21.99 1.72 0.00	23.25 1.94 -0.50	25.13 1.95 -2.38	26.46 1.94 -3.65	27.61 2.22 -2.72	29.04 2.17 -4.46	34.06 2.24 -9.22	39.92 2.70 -9.41	41.98 2.74 -10.04	35.83 2.14 -10.16	33.09 2.10 -7.63	31.79 1.99 -7.94	28.13 2.01 -4.05	26.82 1.61 -4.27
ROME_____115KV_TB2 80656	21.35 0.50 0.00	20.55 0.40 0.00	18.77 0.37 0.00	17.10 0.27 0.00	15.79 0.23 -0.04	15.99 0.27 -0.04	15.94 0.28 -0.07	16.11 0.27 -0.08	18.71 0.28 0.00	19.52 0.27 0.00	20.61 0.34 0.00	21.17 0.33 -0.02	21.26 0.35 -0.12	21.47 0.42 -0.18	23.38 0.59 -0.13	23.22 0.60 -0.22	23.69 0.63 -0.45	29.19 0.92 -0.46	30.73 1.05 -0.49	24.85 0.82 -0.50	24.53 0.79 -0.37	22.97 0.72 -0.39	22.87 0.60 -0.20	21.69 0.54 -0.21
ROSETON__1 23587	22.02 1.17 0.00	21.19 1.05 0.00	19.35 0.96 0.00	17.71 0.87 0.00	17.19 0.81 -0.87	17.22 0.80 -0.73	17.73 0.79 -1.34	18.27 0.88 -1.62	19.51 1.07 0.00	20.43 1.17 0.00	21.52 1.26 0.00	22.77 1.46 -0.50	24.59 1.43 -2.37	25.96 1.46 -3.63	27.02 1.65 -2.71	28.45 1.61 -4.44	33.42 1.65 -9.17	39.18 2.00 -9.36	41.22 2.04 -9.99	35.21 1.58 -10.11	32.49 1.54 -7.59	31.27 1.51 -7.90	27.61 1.50 -4.03	26.46 1.28 -4.25
ROSETON__2 23588	22.02 1.17 0.00	21.19 1.05 0.00	19.35 0.96 0.00	17.71 0.87 0.00	17.19 0.81 -0.87	17.22 0.80 -0.73	17.73 0.79 -1.34	18.27 0.88 -1.62	19.51 1.07 0.00	20.43 1.17 0.00	21.52 1.26 0.00	22.77 1.46 -0.50	24.59 1.43 -2.37	25.96 1.46 -3.63	27.02 1.65 -2.71	28.45 1.61 -4.44	33.42 1.65 -9.17	39.18 2.00 -9.36	41.22 2.04 -9.99	35.21 1.58 -10.11	32.49 1.54 -7.59	31.27 1.51 -7.90	27.61 1.50 -4.03	26.46 1.28 -4.25
ROTTTRDAM_115KV_TB3 80664	21.72 0.88 0.00	20.93 0.79 0.00	19.10 0.70 0.00	17.47 0.64 0.00	17.29 0.59 -1.19	17.28 0.60 -1.00	18.03 0.61 -1.83	18.58 0.60 -2.22	19.18 0.74 0.00	20.01 0.75 0.00	21.05 0.79 0.00	22.43 0.94 -0.69	24.96 0.94 -3.24	26.79 0.96 -4.96	27.45 1.09 -3.70	29.56 1.10 -6.06	36.21 1.08 -12.52	41.94 1.34 -12.79	44.27 1.43 -13.64	38.49 1.15 -13.81	34.90 1.17 -10.37	33.73 1.07 -10.79	28.70 1.13 -5.50	27.62 0.88 -5.80
RUSSELL__1 23602	20.89 0.04 0.00	20.03 -0.12 0.00	18.23 -0.17 0.00	16.65 -0.19 0.00	15.51 -0.11 -0.10	15.70 -0.08 -0.09	15.61 -0.14 -0.16	15.70 -0.25 -0.19	17.96 -0.48 0.00	18.77 -0.48 0.00	19.82 -0.45 0.00	20.49 -0.37 -0.06	20.75 -0.31 -0.28	21.00 -0.29 -0.42	22.96 -0.02 -0.32	22.90 -0.02 -0.52	23.49 -0.18 -1.07	28.55 -0.36 -1.10	30.01 -0.35 -1.17	24.57 -0.14 -1.18	24.15 -0.09 -0.89	22.85 0.07 -0.92	22.79 0.24 -0.47	21.60 0.17 -0.50
RUSSELL__2 23532	20.89 0.04 0.00	20.03 -0.12 0.00	18.23 -0.17 0.00	16.65 -0.19 0.00	15.51 -0.11 -0.10	15.70 -0.08 -0.09	15.61 -0.14 -0.16	15.70 -0.25 -0.19	17.96 -0.48 0.00	18.77 -0.48 0.00	19.82 -0.45 0.00	20.49 -0.37 -0.06	20.75 -0.31 -0.28	21.00 -0.29 -0.42	22.96 -0.02 -0.32	22.90 -0.02 -0.52	23.49 -0.18 -1.07	28.55 -0.36 -1.10	30.01 -0.35 -1.17	24.57 -0.14 -1.18	24.15 -0.09 -0.89	22.85 0.07 -0.92	22.79 0.24 -0.47	21.60 0.17 -0.50
RUSSELL__3 23549	20.89 0.04 0.00	20.03 -0.12 0.00	18.23 -0.17 0.00	16.65 -0.19 0.00	15.51 -0.11 -0.10	15.70 -0.08 -0.09	15.61 -0.14 -0.16	15.70 -0.25 -0.19	17.96 -0.48 0.00	18.77 -0.48 0.00	19.82 -0.45 0.00	20.49 -0.37 -0.06	20.75 -0.31 -0.28	21.00 -0.29 -0.42	22.96 -0.02 -0.32	22.90 -0.02 -0.52	23.49 -0.18 -1.07	28.55 -0.36 -1.10	30.01 -0.35 -1.17	24.57 -0.14 -1.18	24.15 -0.09 -0.89	22.85 0.07 -0.92	22.79 0.24 -0.47	21.60 0.17 -0.50

RUSSELL___4 23556	20.89 0.04 0.00	20.03 -0.12 0.00	18.23 -0.17 0.00	16.65 -0.19 0.00	15.51 -0.11 -0.10	15.70 -0.08 -0.09	15.61 -0.14 -0.16	15.70 -0.25 -0.19	17.96 -0.48 0.00	18.77 -0.48 0.00	19.82 -0.45 0.00	20.49 -0.37 -0.06	20.75 -0.31 -0.28	21.00 -0.29 -0.42	22.96 -0.02 -0.32	22.90 -0.02 -0.52	23.49 -0.18 -1.07	28.55 -0.36 -1.10	30.01 -0.35 -1.17	24.57 -0.14 -1.18	24.15 -0.09 -0.89	22.85 0.07 -0.92	22.79 0.24 -0.47	21.60 0.17 -0.50
RUSSELL___STATION 23914	20.89 0.04 0.00	20.03 -0.12 0.00	18.23 -0.17 0.00	16.65 -0.19 0.00	15.51 -0.11 -0.10	15.70 -0.08 -0.09	15.61 -0.14 -0.16	15.70 -0.25 -0.19	17.96 -0.48 0.00	18.77 -0.48 0.00	19.82 -0.45 0.00	20.49 -0.37 -0.06	20.75 -0.31 -0.28	21.00 -0.29 -0.42	22.96 -0.02 -0.32	22.90 -0.02 -0.52	23.49 -0.18 -1.07	28.55 -0.36 -1.10	30.01 -0.35 -1.17	24.57 -0.14 -1.18	24.15 -0.09 -0.89	22.85 0.07 -0.92	22.79 0.24 -0.47	21.60 0.17 -0.50
S SALMON___HYD 24043	20.58 -0.27 0.00	19.84 -0.30 0.00	18.10 -0.30 0.00	16.56 -0.27 0.00	15.34 -0.23 -0.06	15.52 -0.22 -0.05	15.47 -0.22 -0.09	15.64 -0.24 -0.11	18.09 -0.35 0.00	18.89 -0.37 0.00	19.90 -0.36 0.00	20.39 -0.46 -0.04	20.41 -0.54 -0.17	20.67 -0.46 -0.26	22.42 -0.43 -0.19	22.31 -0.40 -0.31	22.87 -0.38 -0.65	28.11 -0.36 -0.66	29.60 -0.29 -0.70	24.00 -0.24 -0.71	23.68 -0.21 -0.53	22.22 -0.20 -0.56	22.07 -0.29 -0.28	21.11 -0.12 -0.30
S.PERRY___115KV_TB1 80734	21.43 0.58 0.00	20.51 0.36 0.00	18.62 0.22 0.00	16.95 0.12 0.00	15.72 0.06 -0.14	15.92 0.11 -0.12	15.87 0.06 -0.22	15.90 -0.13 -0.26	18.05 -0.39 0.00	18.64 -0.62 0.00	19.49 -0.77 0.00	20.06 -0.83 -0.08	20.41 -0.77 -0.39	20.69 -0.77 -0.59	22.58 -0.52 -0.44	22.63 -0.49 -0.72	23.58 -0.52 -1.50	39.66 -0.50 -12.35	42.27 -0.12 -13.20	25.43 0.26 -1.65	25.09 0.49 -1.24	23.76 0.61 -1.29	23.49 0.75 -0.66	22.22 0.59 -0.69
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	20.54 -0.31 0.00	19.62 -0.52 0.00	17.90 -0.50 0.00	16.26 -0.57 0.00	15.04 -0.60 -0.13	15.22 -0.58 -0.11	15.12 -0.67 -0.20	15.08 -0.93 -0.25	17.22 -1.22 0.00	18.02 -1.23 0.00	18.93 -1.34 0.00	19.45 -1.44 -0.08	19.82 -1.33 -0.36	20.11 -1.31 -0.55	22.05 -1.02 -0.41	22.09 -0.99 -0.67	22.79 -1.20 -1.39	24.54 -1.64 1.63	25.69 -1.75 1.75	23.78 -1.27 -1.53	23.34 -1.17 -1.15	22.25 -0.81 -1.19	22.24 -0.44 -0.61	20.99 -0.59 -0.64
SAWYER___23_KV_LOAD 55526	20.54 -0.31 0.00	19.62 -0.52 0.00	17.90 -0.50 0.00	16.26 -0.57 0.00	15.04 -0.60 -0.13	15.22 -0.58 -0.11	15.12 -0.67 -0.20	15.08 -0.93 -0.25	17.22 -1.22 0.00	18.02 -1.23 0.00	18.93 -1.34 0.00	19.45 -1.44 -0.08	19.82 -1.33 -0.36	20.11 -1.31 -0.55	22.05 -1.02 -0.41	22.09 -0.99 -0.67	22.79 -1.20 -1.39	24.54 -1.64 1.63	25.69 -1.75 1.75	23.78 -1.27 -1.53	23.34 -1.17 -1.15	22.25 -0.81 -1.19	22.24 -0.44 -0.61	20.99 -0.59 -0.64
SELKIRK___I 23801	21.60 0.75 0.00	20.81 0.66 0.00	19.00 0.61 0.00	17.44 0.61 0.00	17.18 0.56 -1.11	17.18 0.56 -0.93	17.86 0.56 -1.71	18.34 0.52 -2.06	19.10 0.66 0.00	19.91 0.66 0.00	20.93 0.67 0.00	22.26 0.81 -0.64	24.64 0.83 -3.02	26.35 0.86 -4.62	27.04 0.93 -3.45	29.01 0.96 -5.65	35.22 0.95 -11.66	40.86 1.14 -11.91	43.15 1.25 -12.71	37.42 1.03 -12.86	34.04 1.03 -9.66	32.87 0.96 -10.05	28.19 0.99 -5.12	27.20 0.86 -5.40
SELKIRK___II 23799	21.50 0.65 0.00	20.73 0.58 0.00	18.91 0.51 0.00	17.35 0.52 0.00	17.10 0.46 -1.12	17.10 0.47 -0.94	17.79 0.47 -1.73	18.29 0.44 -2.09	19.01 0.57 0.00	19.83 0.58 0.00	20.83 0.57 0.00	22.18 0.73 -0.65	24.57 0.73 -3.06	26.33 0.77 -4.68	26.99 0.84 -3.49	28.96 0.83 -5.72	35.27 0.84 -11.82	40.92 1.03 -12.07	43.15 1.08 -12.88	37.46 0.89 -13.04	34.04 0.89 -9.79	32.88 0.83 -10.19	28.11 0.84 -5.19	27.15 0.73 -5.48
SENECA OSWGO___HYD 24041	20.56 -0.29 0.00	19.84 -0.30 0.00	18.10 -0.30 0.00	16.55 -0.29 0.00	15.33 -0.25 -0.07	15.51 -0.23 -0.06	15.46 -0.23 -0.11	15.65 -0.24 -0.13	18.12 -0.31 0.00	18.93 -0.33 0.00	19.96 -0.30 0.00	20.43 -0.42 -0.04	20.56 -0.42 -0.19	20.82 -0.33 -0.29	22.56 -0.32 -0.21	22.44 -0.31 -0.35	22.99 -0.34 -0.73	28.19 -0.36 -0.74	29.60 -0.38 -0.79	24.00 -0.33 -0.80	23.66 -0.30 -0.60	22.20 -0.28 -0.62	22.11 -0.29 -0.32	21.08 -0.19 -0.34
SENECA___115KV_TB3 355854	20.77 -0.08 0.00	19.84 -0.30 0.00	18.09 -0.31 0.00	16.41 -0.42 0.00	15.08 -0.57 -0.14	15.27 -0.53 -0.12	15.16 -0.64 -0.21	15.12 -0.90 -0.26	17.37 -1.07 0.00	18.18 -1.08 0.00	19.09 -1.18 0.00	19.53 -1.35 -0.08	19.91 -1.25 -0.37	20.21 -1.23 -0.57	22.16 -0.93 -0.43	22.25 -0.85 -0.70	23.01 -1.04 -1.45	24.65 -1.47 1.69	25.81 -1.58 1.81	23.99 -1.13 -1.60	23.55 -1.00 -1.20	22.43 -0.68 -1.25	22.38 -0.33 -0.64	21.10 -0.50 -0.67
SENECA___ENERGY 23797	20.79 -0.06 0.00	20.01 -0.14 0.00	18.21 -0.18 0.00	16.63 -0.20 0.00	15.43 -0.19 -0.11	15.61 -0.17 -0.09	15.58 -0.17 -0.17	15.75 -0.21 -0.20	18.16 -0.28 0.00	18.95 -0.31 0.00	20.00 -0.26 0.00	20.54 -0.33 -0.06	20.75 -0.33 -0.29	21.13 -0.19 -0.45	22.88 -0.11 -0.33	22.84 -0.11 -0.55	23.60 -0.13 -1.13	29.56 -0.17 -1.91	31.15 -0.09 -2.04	24.72 -0.05 -1.24	24.29 0.00 -0.93	22.83 0.00 -0.97	22.62 0.04 -0.50	21.50 0.04 -0.52
SHOEMAKER___GT 23640	21.83 0.98 0.00	21.01 0.87 0.00	19.19 0.79 0.00	17.57 0.74 0.00	16.94 0.65 -0.78	16.97 0.63 -0.65	17.39 0.61 -1.20	17.87 0.66 -1.45	19.27 0.83 0.00	20.16 0.91 0.00	21.24 0.97 0.00	22.40 1.14 -0.45	24.02 1.12 -2.11	25.25 1.15 -3.23	26.39 1.31 -2.41	27.65 1.30 -3.95	32.08 1.31 -8.17	37.77 1.61 -8.34	39.75 1.66 -8.90	33.82 1.29 -9.00	31.38 1.26 -6.76	30.17 1.27 -7.04	26.92 1.26 -3.59	25.79 1.07 -3.78
SHOEMAKR_138KV_BK 111 55601	21.87 1.02 0.00	21.01 0.87 0.00	19.19 0.79 0.00	17.57 0.74 0.00	16.93 0.65 -0.77	16.96 0.63 -0.65	17.40 0.62 -1.18	17.87 0.68 -1.43	19.29 0.85 0.00	20.18 0.92 0.00	21.26 0.99 0.00	22.42 1.17 -0.44	24.02 1.14 -2.09	25.22 1.15 -3.20	26.39 1.34 -2.39	27.64 1.32 -3.92	32.03 1.33 -8.09	37.72 1.64 -8.26	39.70 1.69 -8.82	33.76 1.32 -8.92	31.32 1.26 -6.70	30.10 1.27 -6.97	26.89 1.26 -3.55	25.67 0.98 -3.75
SHOREHAM_IC_1 23715	35.18 2.61 -11.72	28.42 2.40 -5.88	25.50 2.19 -4.91	23.66 2.02 -4.81	19.48 1.89 -2.08	19.50 1.91 -1.89	20.48 1.85 -3.03	20.98 1.94 -3.28	26.69 2.29 -5.96	30.21 2.52 -8.43	33.75 2.65 -10.83	38.86 2.85 -15.20	46.97 2.83 -23.36	51.97 2.90 -28.20	57.06 3.24 -31.16	134.62 3.23 -108.99	138.71 3.28 -112.83	141.15 4.03 -109.30	138.99 4.14 -105.66	132.18 3.25 -105.41	111.46 3.20 -84.90	44.42 3.06 -19.49	44.37 3.22 -19.07	39.02 2.87 -15.21
SHOREHAM_IC_2 23716	35.18 2.61 -11.72	28.42 2.40 -5.88	25.50 2.19 -4.91	23.66 2.02 -4.81	19.48 1.89 -2.08	19.50 1.91 -1.89	20.48 1.85 -3.03	20.98 1.94 -3.28	26.69 2.29 -5.96	30.21 2.52 -8.43	33.75 2.65 -10.83	38.86 2.85 -15.20	46.97 2.83 -23.36	51.97 2.90 -28.20	57.06 3.24 -31.16	134.62 3.23 -108.99	138.71 3.28 -112.83	141.15 4.03 -109.30	138.99 4.14 -105.66	132.18 3.25 -105.41	111.46 3.20 -84.90	44.42 3.06 -19.49	44.37 3.22 -19.07	39.02 2.87 -15.21

SISSONVILLE____ 23735	19.77 -1.08 0.00	19.24 -0.91 0.00	17.68 -0.72 0.00	16.18 -0.66 0.00	14.91 -0.60 0.00	15.08 -0.61 0.00	15.01 -0.58 0.00	15.24 -0.52 0.00	17.81 -0.63 0.00	18.56 -0.69 0.00	19.35 -0.91 0.00	19.89 -0.92 0.00	19.85 -0.94 0.00	19.91 -0.96 0.00	21.44 -1.22 0.00	21.24 -1.16 0.00	21.52 -1.08 0.00	26.48 -1.34 0.00	27.82 -1.37 0.00	22.52 -1.01 0.00	22.33 -1.03 0.00	20.79 -1.07 0.00	20.86 -1.21 0.00	19.99 -0.94 0.00
SITHE_IND_GS1 24169	20.31 -0.54 0.00	19.64 -0.50 0.00	17.92 -0.48 0.00	16.38 -0.45 0.00	15.16 -0.40 -0.05	15.34 -0.39 -0.04	15.28 -0.39 -0.08	15.45 -0.41 -0.10	17.92 -0.52 0.00	18.72 -0.54 0.00	19.72 -0.55 0.00	20.15 -0.69 -0.03	20.22 -0.71 -0.14	20.44 -0.65 -0.22	22.17 -0.66 -0.16	22.00 -0.67 -0.27	22.48 -0.68 -0.55	27.54 -0.83 -0.56	28.92 -0.87 -0.60	23.43 -0.71 -0.61	23.12 -0.70 -0.46	21.70 -0.63 -0.48	21.70 -0.62 -0.24	20.71 -0.48 -0.26
SITHE_IND_GS2 24170	20.31 -0.54 0.00	19.64 -0.50 0.00	17.92 -0.48 0.00	16.38 -0.45 0.00	15.16 -0.40 -0.05	15.34 -0.39 -0.04	15.28 -0.39 -0.08	15.45 -0.41 -0.10	17.92 -0.52 0.00	18.72 -0.54 0.00	19.72 -0.55 0.00	20.15 -0.69 -0.03	20.22 -0.71 -0.14	20.44 -0.65 -0.22	22.17 -0.66 -0.16	22.00 -0.67 -0.27	22.48 -0.68 -0.55	27.54 -0.83 -0.56	28.92 -0.87 -0.60	23.43 -0.71 -0.61	23.12 -0.70 -0.46	21.70 -0.63 -0.48	21.70 -0.62 -0.24	20.71 -0.48 -0.26
SITHE_IND_GS3 24171	20.31 -0.54 0.00	19.64 -0.50 0.00	17.92 -0.48 0.00	16.38 -0.45 0.00	15.16 -0.40 -0.05	15.34 -0.39 -0.04	15.28 -0.39 -0.08	15.45 -0.41 -0.10	17.92 -0.52 0.00	18.72 -0.54 0.00	19.72 -0.55 0.00	20.15 -0.69 -0.03	20.22 -0.71 -0.14	20.44 -0.65 -0.22	22.17 -0.66 -0.16	22.00 -0.67 -0.27	22.48 -0.68 -0.55	27.54 -0.83 -0.56	28.92 -0.87 -0.60	23.43 -0.71 -0.61	23.12 -0.70 -0.46	21.70 -0.63 -0.48	21.70 -0.62 -0.24	20.71 -0.48 -0.26
SITHE_IND_GS4 24172	20.31 -0.54 0.00	19.64 -0.50 0.00	17.92 -0.48 0.00	16.38 -0.45 0.00	15.16 -0.40 -0.05	15.34 -0.39 -0.04	15.28 -0.39 -0.08	15.45 -0.41 -0.10	17.92 -0.52 0.00	18.72 -0.54 0.00	19.72 -0.55 0.00	20.15 -0.69 -0.03	20.22 -0.71 -0.14	20.44 -0.65 -0.22	22.17 -0.66 -0.16	22.00 -0.67 -0.27	22.48 -0.68 -0.55	27.54 -0.83 -0.56	28.92 -0.87 -0.60	23.43 -0.71 -0.61	23.12 -0.70 -0.46	21.70 -0.63 -0.48	21.70 -0.62 -0.24	20.71 -0.48 -0.26
SITHE____BATAVIA 24024	20.98 0.13 0.00	20.05 -0.10 0.00	18.29 -0.11 0.00	16.61 -0.22 0.00	15.38 -0.25 -0.12	15.58 -0.20 -0.10	15.49 -0.28 -0.18	15.47 -0.50 -0.22	17.68 -0.76 0.00	18.45 -0.81 0.00	19.45 -0.81 0.00	20.08 -0.79 -0.07	20.36 -0.75 -0.32	20.88 -0.48 -0.49	22.62 -0.41 -0.36	22.62 -0.38 -0.60	23.25 -0.59 -1.23	26.77 -0.67 0.37	28.15 -0.64 0.40	24.39 -0.50 -1.36	24.03 -0.35 -1.02	22.82 -0.11 -1.06	22.77 0.16 -0.54	21.65 0.15 -0.57
SITHE____INDEPEND 23800	20.31 -0.54 0.00	19.64 -0.50 0.00	17.92 -0.48 0.00	16.38 -0.45 0.00	15.16 -0.40 -0.05	15.34 -0.39 -0.04	15.28 -0.39 -0.08	15.43 -0.43 -0.10	17.92 -0.52 0.00	18.72 -0.54 0.00	19.72 -0.55 0.00	20.13 -0.71 -0.03	20.22 -0.71 -0.14	20.40 -0.69 -0.22	22.17 -0.66 -0.16	22.00 -0.67 -0.27	22.48 -0.68 -0.55	27.54 -0.83 -0.56	28.92 -0.88 -0.60	23.43 -0.71 -0.61	23.12 -0.70 -0.46	21.70 -0.63 -0.48	21.70 -0.62 -0.24	20.61 -0.59 -0.26
SITHE____MASSENA 23902	20.47 -0.37 0.00	19.86 -0.28 0.00	18.25 -0.15 0.00	16.68 -0.15 0.00	15.37 -0.14 0.00	15.55 -0.14 0.00	15.48 -0.11 0.00	15.68 -0.08 0.00	18.35 -0.09 0.00	19.12 -0.13 0.00	19.96 -0.30 0.00	20.50 -0.31 0.00	20.50 -0.29 0.00	20.47 -0.40 0.00	22.14 -0.52 0.00	21.91 -0.49 0.00	22.15 -0.45 0.00	27.23 -0.59 0.00	28.58 -0.61 0.00	23.10 -0.42 0.00	22.92 -0.44 0.00	21.38 -0.48 0.00	21.55 -0.53 0.00	20.48 -0.46 0.00
SITHE____OGDNSBRG 24021	20.35 -0.50 0.00	19.78 -0.36 0.00	18.20 -0.20 0.00	16.65 -0.19 0.00	15.33 -0.19 0.00	15.50 -0.19 0.00	15.43 -0.16 0.00	15.65 -0.11 0.00	18.29 -0.15 0.00	19.06 -0.19 0.00	19.88 -0.39 0.00	20.43 -0.37 0.00	20.41 -0.37 0.00	20.45 -0.42 0.00	22.05 -0.61 0.00	21.82 -0.58 0.00	22.08 -0.52 0.00	27.23 -0.58 0.00	28.61 -0.58 0.00	23.20 -0.33 0.00	23.01 -0.35 0.00	21.42 -0.44 0.00	21.53 -0.55 0.00	20.64 -0.29 0.00
SITHE____STERLING 23777	21.24 0.40 0.00	20.47 0.32 0.00	18.69 0.29 0.00	17.05 0.22 0.00	15.75 0.19 -0.05	15.93 0.20 -0.04	15.90 0.23 -0.08	16.07 0.22 -0.09	18.68 0.24 0.00	19.49 0.23 0.00	20.57 0.30 0.00	21.13 0.29 -0.03	21.23 0.31 -0.14	21.47 0.40 -0.21	23.31 0.50 -0.15	23.17 0.52 -0.25	23.65 0.52 -0.52	29.10 0.75 -0.53	30.61 0.85 -0.57	24.76 0.66 -0.58	24.45 0.65 -0.43	22.90 0.59 -0.45	22.82 0.51 -0.23	21.68 0.50 -0.24
SLEIGHT__34_KV_TB1 80719	21.25 0.40 0.00	20.43 0.28 0.00	18.58 0.18 0.00	16.97 0.13 0.00	15.77 0.16 -0.10	15.98 0.20 -0.08	15.98 0.23 -0.15	16.20 0.25 -0.19	18.68 0.24 0.00	19.52 0.27 0.00	20.63 0.36 0.00	21.22 0.35 -0.06	21.41 0.35 -0.27	21.73 0.44 -0.42	23.65 0.68 -0.31	23.56 0.65 -0.51	24.27 0.61 -1.06	29.73 0.83 -1.08	31.25 0.90 -1.15	25.30 0.61 -1.16	24.91 0.68 -0.87	23.41 0.63 -0.91	23.16 0.62 -0.46	21.95 0.52 -0.49
SOUTH CAIRO____GT 23612	22.00 1.15 0.00	21.13 0.99 0.00	19.26 0.86 0.00	17.74 0.91 0.00	17.16 0.59 -1.06	17.11 0.53 -0.89	17.70 0.48 -1.63	18.13 0.39 -1.97	19.05 0.61 0.00	19.81 0.56 0.00	20.77 0.51 0.00	22.10 0.69 -0.61	24.42 0.75 -2.88	26.05 0.77 -4.41	26.79 0.84 -3.29	28.73 0.94 -5.39	34.67 0.93 -11.13	40.41 1.22 -11.37	42.81 1.49 -12.13	37.10 1.29 -12.28	33.82 1.24 -9.22	32.75 1.29 -9.60	28.23 1.26 -4.89	27.20 1.11 -5.16
SOUTH HAMPTN____IC 23720	35.55 2.98 -11.72	28.79 2.76 -5.88	25.81 2.50 -4.91	23.98 2.34 -4.81	19.76 2.17 -2.08	19.78 2.20 -1.89	20.74 2.12 -3.03	21.25 2.21 -3.28	27.04 2.64 -5.96	30.63 2.95 -8.43	34.25 3.16 -10.83	39.23 3.39 -15.03	47.56 3.41 -23.36	52.47 3.51 -28.10	57.74 3.92 -31.16	131.98 3.90 -105.68	135.97 3.95 -109.41	139.12 4.87 -106.44	136.30 4.99 -102.12	129.25 3.93 -101.80	109.73 3.83 -82.54	45.01 3.65 -19.49	44.59 3.84 -18.67	39.39 3.43 -15.02
SOUTHDOW_115KV_TB1 355954	21.41 0.56 0.00	20.27 0.12 0.00	18.36 -0.04 0.00	16.61 -0.22 0.00	15.21 -0.45 -0.15	15.39 -0.42 -0.12	15.25 -0.56 -0.23	15.23 -0.80 -0.27	17.59 -0.85 0.00	18.47 -0.79 0.00	19.41 -0.85 0.00	19.79 -1.10 -0.08	20.23 -0.96 -0.40	20.58 -0.90 -0.61	22.51 -0.61 -0.46	22.79 -0.36 -0.75	23.65 -0.50 -1.54	26.46 -0.83 0.52	27.70 -0.93 0.56	24.64 -0.59 -1.70	24.22 -0.42 -1.28	23.12 -0.07 -1.33	23.13 0.38 -0.68	21.69 0.04 -0.71
SOUTHOLD_69_KV_BK 2 55809	36.12 3.54 -11.72	29.27 3.24 -5.88	26.24 2.93 -4.91	24.33 2.69 -4.81	20.09 2.50 -2.08	20.09 2.51 -1.89	21.10 2.48 -3.03	21.62 2.58 -3.28	27.50 3.10 -5.96	31.15 3.47 -8.43	34.90 3.81 -10.83	39.90 4.06 -15.03	48.26 4.12 -23.36	53.21 4.24 -28.10	58.60 4.78 -31.16	132.89 4.77 -105.72	136.87 4.81 -109.45	140.21 5.92 -106.47	137.45 6.10 -102.15	130.16 4.80 -101.84	110.60 4.67 -82.56	45.75 4.39 -19.49	45.37 4.61 -18.68	39.98 4.02 -15.02

SOUTHOLD___IC 23719	36.07 3.50 -11.72	29.27 3.24 -5.88	26.24 2.93 -4.91	24.33 2.69 -4.81	20.07 2.48 -2.08	20.09 2.51 -1.89	21.10 2.48 -3.03	21.62 2.58 -3.28	27.50 3.10 -5.96	31.15 3.46 -8.43	34.90 3.81 -10.83	39.92 4.08 -15.03	48.26 4.12 -23.36	53.25 4.28 -28.10	58.60 4.78 -31.16	132.89 4.77 -105.72	136.87 4.81 -109.45	140.24 5.95 -106.47	137.48 6.13 -102.15	130.16 4.80 -101.84	110.60 4.67 -82.56	45.77 4.42 -19.49	45.39 4.64 -18.68	40.11 4.15 -15.02
SPIERFLS_115KV_TB 1 80737	21.66 0.81 0.00	20.87 0.73 0.00	19.01 0.61 0.00	17.45 0.62 0.00	17.28 0.59 -1.18	17.29 0.61 -0.99	17.96 0.56 -1.81	18.50 0.55 -2.19	19.03 0.59 0.00	19.85 0.60 0.00	20.87 0.61 0.00	22.26 0.77 -0.68	24.78 0.79 -3.20	26.57 0.79 -4.90	27.25 0.93 -3.66	29.40 1.01 -5.99	35.95 0.97 -12.38	41.62 1.17 -12.64	44.08 1.40 -13.48	38.32 1.15 -13.64	34.78 1.17 -10.25	33.51 0.98 -10.67	28.68 1.17 -5.43	27.53 0.86 -5.73
ST LAWRENCE____ 23600	20.37 -0.48 0.00	19.76 -0.38 0.00	18.09 -0.31 0.00	16.55 -0.29 0.00	15.26 -0.25 0.00	15.44 -0.25 0.00	15.36 -0.23 0.00	15.54 -0.22 0.00	18.18 -0.26 0.00	18.97 -0.29 0.00	19.90 -0.36 0.00	20.41 -0.40 0.00	20.41 -0.37 0.00	20.39 -0.48 0.00	22.05 -0.61 0.00	21.82 -0.58 0.00	22.04 -0.56 0.00	27.09 -0.72 0.00	28.41 -0.79 0.00	22.96 -0.56 0.00	22.78 -0.58 0.00	21.27 -0.59 0.00	21.46 -0.62 0.00	20.35 -0.59 0.00
STATE_CA_115KV_115_LB 55624	21.52 0.67 0.00	20.71 0.56 0.00	18.90 0.50 0.00	17.37 0.54 0.00	17.14 0.48 -1.14	17.15 0.50 -0.96	17.85 0.50 -1.76	18.35 0.46 -2.13	19.05 0.61 0.00	19.85 0.60 0.00	20.87 0.61 0.00	22.24 0.77 -0.66	24.69 0.79 -3.11	26.45 0.81 -4.77	27.12 0.91 -3.56	29.15 0.92 -5.83	35.54 0.90 -12.04	41.19 1.08 -12.29	43.47 1.17 -13.11	37.76 0.96 -13.27	34.28 0.96 -9.97	33.11 0.87 -10.37	28.27 0.91 -5.29	27.18 0.67 -5.58
STATE_ST_34_KV_LOAD 55959	21.04 0.19 0.00	20.23 0.08 0.00	18.42 0.02 0.00	16.97 0.13 0.00	15.74 0.12 -0.11	15.93 0.16 -0.09	15.82 0.06 -0.16	16.02 0.06 -0.20	18.49 0.06 0.00	19.31 0.06 0.00	20.39 0.12 0.00	20.93 0.06 -0.06	21.16 0.08 -0.29	21.46 0.15 -0.44	23.31 0.32 -0.33	23.23 0.29 -0.54	24.01 0.29 -1.11	29.81 0.42 -1.57	31.34 0.47 -1.68	25.06 0.31 -1.23	24.63 0.35 -0.92	23.13 0.31 -0.96	22.88 0.31 -0.49	21.68 0.23 -0.52
STATION 5_MISC_HYD 23604	20.77 -0.08 0.00	19.92 -0.22 0.00	18.16 -0.24 0.00	16.58 -0.25 0.00	15.44 -0.17 -0.10	15.63 -0.14 -0.09	15.54 -0.20 -0.16	15.62 -0.33 -0.19	17.89 -0.55 0.00	18.70 -0.56 0.00	19.74 -0.53 0.00	20.41 -0.46 -0.06	20.63 -0.44 -0.28	21.05 -0.25 -0.42	22.82 -0.16 -0.32	22.74 -0.18 -0.52	23.36 -0.32 -1.07	28.35 -0.56 -1.10	29.81 -0.56 -1.17	24.40 -0.31 -1.18	24.01 -0.23 -0.89	22.70 -0.09 -0.92	22.64 0.09 -0.47	21.56 0.13 -0.50
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	20.89 0.04 0.00	20.07 -0.08 0.00	18.27 -0.13 0.00	16.65 -0.19 0.00	15.49 -0.12 -0.10	15.68 -0.09 -0.09	15.64 -0.11 -0.16	15.78 -0.17 -0.19	18.14 -0.30 0.00	18.95 -0.31 0.00	20.00 -0.26 0.00	20.62 -0.25 -0.06	20.86 -0.21 -0.28	21.11 -0.19 -0.42	23.02 0.05 -0.32	22.96 0.04 -0.52	23.63 -0.05 -1.07	28.76 -0.14 -1.09	30.24 -0.12 -1.16	24.70 0.00 -1.18	24.29 0.05 -0.88	22.91 0.13 -0.92	22.77 0.22 -0.47	21.58 0.15 -0.49
STA_56_34_KV_BUS2_REV_LBMP_B 345033	20.66 -0.19 0.00	19.80 -0.34 0.00	18.05 -0.35 0.00	16.46 -0.37 0.00	15.35 -0.26 -0.10	15.54 -0.24 -0.08	15.47 -0.28 -0.16	15.55 -0.39 -0.19	17.81 -0.63 0.00	18.64 -0.62 0.00	19.66 -0.61 0.00	20.30 -0.56 -0.06	20.56 -0.50 -0.27	20.81 -0.48 -0.42	22.73 -0.25 -0.31	22.65 -0.27 -0.51	23.28 -0.38 -1.06	28.29 -0.61 -1.08	29.73 -0.61 -1.16	24.32 -0.38 -1.17	23.91 -0.33 -0.88	22.60 -0.17 -0.91	22.52 -0.02 -0.47	21.36 -0.06 -0.49
STA_56___34_KV_BUS2 355983	20.66 -0.19 0.00	19.80 -0.34 0.00	18.05 -0.35 0.00	16.46 -0.37 0.00	15.35 -0.26 -0.10	15.54 -0.24 -0.08	15.47 -0.28 -0.16	15.55 -0.39 -0.19	17.81 -0.63 0.00	18.64 -0.62 0.00	19.66 -0.61 0.00	20.30 -0.56 -0.06	20.56 -0.50 -0.27	20.81 -0.48 -0.42	22.73 -0.25 -0.31	22.65 -0.27 -0.51	23.28 -0.38 -1.06	28.29 -0.61 -1.08	29.73 -0.61 -1.16	24.32 -0.38 -1.17	23.91 -0.33 -0.88	22.60 -0.17 -0.91	22.52 -0.02 -0.47	21.36 -0.06 -0.49
STA_67___115KV_BK2 355882	20.75 -0.10 0.00	19.88 -0.26 0.00	18.12 -0.28 0.00	16.55 -0.29 0.00	15.41 -0.20 -0.10	15.60 -0.17 -0.09	15.51 -0.23 -0.16	15.60 -0.35 -0.19	17.85 -0.59 0.00	18.66 -0.60 0.00	19.68 -0.59 0.00	20.30 -0.56 -0.06	20.57 -0.50 -0.28	20.82 -0.48 -0.42	22.75 -0.23 -0.32	22.67 -0.25 -0.52	23.29 -0.38 -1.07	28.30 -0.61 -1.09	29.74 -0.61 -1.17	24.35 -0.35 -1.18	23.94 -0.30 -0.89	22.65 -0.13 -0.92	22.59 0.04 -0.47	21.43 0.00 -0.50
STA_7___115KV_9TRANS 80674	20.89 0.04 0.00	20.03 -0.12 0.00	18.23 -0.17 0.00	16.65 -0.19 0.00	15.51 -0.11 -0.10	15.70 -0.08 -0.09	15.61 -0.14 -0.16	15.70 -0.25 -0.19	17.96 -0.48 0.00	18.77 -0.48 0.00	19.82 -0.45 0.00	20.49 -0.37 -0.06	20.75 -0.31 -0.28	21.00 -0.29 -0.42	22.96 -0.02 -0.32	22.90 -0.02 -0.52	23.49 -0.18 -1.07	28.55 -0.36 -1.10	30.01 -0.35 -1.17	24.57 -0.14 -1.18	24.15 -0.09 -0.89	22.85 0.07 -0.92	22.79 0.24 -0.47	21.60 0.17 -0.50
STA_82___115KV_TB1 80780	20.75 -0.10 0.00	19.90 -0.24 0.00	18.14 -0.26 0.00	16.55 -0.29 0.00	15.43 -0.19 -0.10	15.62 -0.16 -0.09	15.53 -0.22 -0.16	15.60 -0.35 -0.19	17.85 -0.59 0.00	18.66 -0.60 0.00	19.68 -0.59 0.00	20.33 -0.54 -0.06	20.59 -0.48 -0.28	20.84 -0.46 -0.43	22.78 -0.20 -0.32	22.70 -0.22 -0.52	23.32 -0.36 -1.08	28.30 -0.61 -1.10	29.76 -0.61 -1.18	24.36 -0.35 -1.19	23.97 -0.28 -0.89	22.68 -0.11 -0.93	22.62 0.07 -0.47	21.43 0.00 -0.50
STEEL___WIND 323596	20.72 -0.12 0.00	19.82 -0.32 0.00	18.09 -0.31 0.00	16.39 -0.44 0.00	15.06 -0.59 -0.14	15.25 -0.55 -0.12	15.15 -0.65 -0.21	15.10 -0.91 -0.26	17.35 -1.09 0.00	18.16 -1.10 0.00	19.11 -1.15 0.00	19.58 -1.31 -0.08	19.89 -1.27 -0.37	20.49 -0.96 -0.57	22.14 -0.95 -0.43	22.23 -0.87 -0.70	22.97 -1.08 -1.45	24.65 -1.48 1.69	25.78 -1.61 1.81	23.97 -1.15 -1.60	23.53 -1.03 -1.20	22.39 -0.72 -1.25	22.34 -0.38 -0.64	21.17 -0.44 -0.67
STEPHTWN_115KV_BK_2 55603	21.62 0.77 0.00	20.79 0.64 0.00	18.99 0.59 0.00	17.44 0.61 0.00	17.18 0.54 -1.13	17.20 0.56 -0.95	17.91 0.58 -1.74	18.40 0.54 -2.10	19.14 0.70 0.00	19.97 0.71 0.00	20.97 0.71 0.00	22.35 0.89 -0.65	24.78 0.91 -3.07	26.52 0.94 -4.71	27.24 1.07 -3.51	29.23 1.08 -5.75	35.51 1.02 -11.89	41.20 1.25 -12.14	43.51 1.37 -12.95	37.76 1.13 -13.10	34.32 1.12 -9.84	33.13 1.03 -10.24	28.33 1.04 -5.22	27.24 0.80 -5.51
STEUBEN_REC_LFGE 323667	21.27 0.42 0.00	20.35 0.20 0.00	18.44 0.04 0.00	16.75 -0.08 0.00	15.43 -0.26 -0.18	15.59 -0.25 -0.15	15.58 -0.28 -0.27	15.65 -0.44 -0.33	17.90 -0.53 0.00	18.68 -0.58 0.00	19.62 -0.65 0.00	20.10 -0.81 -0.10	20.52 -0.75 -0.48	20.92 -0.69 -0.74	22.78 -0.43 -0.55	22.95 -0.36 -0.90	24.02 -0.45 -1.87	36.30 -0.47 -8.96	38.45 -0.32 -9.58	25.40 -0.19 -2.06	24.88 -0.02 -1.55	23.56 0.09 -1.61	23.14 0.24 -0.82	21.82 0.02 -0.87

STONY___BROOK 24151	34.95 2.38 -11.72	28.22 2.20 -5.88	25.30 1.99 -4.91	23.54 1.90 -4.81	19.36 1.77 -2.08	19.37 1.79 -1.89	20.32 1.70 -3.03	20.84 1.80 -3.28	26.54 2.14 -5.96	30.05 2.37 -8.43	33.63 2.51 -10.85	39.80 2.69 -16.30	46.79 2.64 -23.36	52.37 2.59 -28.91	56.71 2.88 -31.17	156.32 2.82 -131.10	161.17 2.85 -135.72	159.68 3.45 -128.42	162.09 3.53 -129.37	155.86 2.77 -129.56	126.78 2.73 -100.69	43.98 2.62 -19.49	46.60 2.83 -21.70	39.97 2.55 -16.48
STURGEON_POOL_HYD 23609	22.18 1.33 0.00	21.27 1.13 0.00	19.43 1.03 0.00	17.72 0.89 0.00	17.11 0.70 -0.90	17.11 0.66 -0.76	17.67 0.69 -1.39	18.23 0.79 -1.68	19.45 1.01 0.00	20.37 1.12 0.00	21.50 1.24 0.00	22.72 1.39 -0.52	24.64 1.39 -2.46	26.02 1.38 -3.77	27.06 1.59 -2.81	28.55 1.55 -4.61	33.72 1.60 -9.51	39.48 1.95 -9.72	41.54 1.99 -10.37	35.54 1.53 -10.49	32.69 1.45 -7.88	31.57 1.51 -8.20	27.74 1.48 -4.18	26.50 1.15 -4.41
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	22.00 1.15 0.00	21.13 0.99 0.00	19.30 0.90 0.00	17.62 0.79 0.00	17.03 0.71 -0.80	17.05 0.69 -0.67	17.54 0.72 -1.23	18.05 0.80 -1.49	19.43 1.00 0.00	20.33 1.08 0.00	21.44 1.18 0.00	22.62 1.35 -0.46	24.32 1.35 -2.18	25.56 1.36 -3.33	26.71 1.56 -2.49	28.00 1.52 -4.08	32.58 1.56 -8.42	38.30 1.89 -8.60	40.29 1.93 -9.17	34.31 1.51 -9.28	31.78 1.45 -6.97	30.56 1.44 -7.26	27.21 1.44 -3.70	25.97 1.13 -3.90
SWANROAD_115KV_TB1 355699	20.12 -0.73 0.00	19.30 -0.85 0.00	17.55 -0.85 0.00	16.04 -0.79 0.00	14.80 -0.84 -0.13	14.98 -0.82 -0.11	14.88 -0.90 -0.19	14.83 -1.17 -0.24	16.87 -1.57 0.00	17.66 -1.60 0.00	18.54 -1.72 0.00	19.11 -1.77 -0.07	19.45 -1.68 -0.34	19.71 -1.69 -0.53	21.65 -1.41 -0.39	21.66 -1.39 -0.64	22.28 -1.65 -1.33	25.02 -1.81 0.99	26.21 -1.93 1.06	23.25 -1.74 -1.47	22.87 -1.59 -1.10	21.83 -1.18 -1.15	21.82 -0.84 -0.58	20.65 -0.90 -0.62
SYNERGY___BIOGAS 323694	20.98 0.13 0.00	20.05 -0.10 0.00	18.29 -0.11 0.00	16.61 -0.22 0.00	15.38 -0.25 -0.12	15.58 -0.20 -0.10	15.49 -0.28 -0.18	15.47 -0.50 -0.22	17.68 -0.76 0.00	18.45 -0.81 0.00	19.45 -0.81 0.00	20.08 -0.79 -0.07	20.36 -0.75 -0.32	20.88 -0.48 -0.49	22.62 -0.41 -0.36	22.62 -0.38 -0.60	23.25 -0.59 -1.23	26.77 -0.67 0.37	28.15 -0.64 0.40	24.39 -0.50 -1.36	24.03 -0.35 -1.02	22.82 -0.11 -1.06	22.77 0.16 -0.54	21.65 0.15 -0.57
SYRACUSE___ENERGY_ST1 323597	20.83 -0.02 0.00	20.11 -0.04 0.00	18.32 -0.07 0.00	16.75 -0.08 0.00	15.52 -0.08 -0.09	15.70 -0.06 -0.07	15.69 -0.03 -0.13	15.89 -0.03 -0.16	18.36 -0.07 0.00	19.20 -0.06 0.00	20.24 -0.02 0.00	20.75 -0.10 -0.05	20.92 -0.10 -0.23	21.19 -0.04 -0.36	23.00 0.07 -0.27	22.88 0.04 -0.44	23.55 0.05 -0.90	28.82 0.08 -0.92	30.29 0.12 -0.98	24.55 0.02 -1.00	24.15 0.05 -0.75	22.68 0.04 -0.78	22.52 0.04 -0.40	21.35 0.00 -0.42
SYRACUSE___ENERGY_ST2 323598	20.83 -0.02 0.00	20.11 -0.04 0.00	18.32 -0.07 0.00	16.75 -0.08 0.00	15.52 -0.08 -0.09	15.70 -0.06 -0.07	15.69 -0.03 -0.13	15.89 -0.03 -0.16	18.36 -0.07 0.00	19.20 -0.06 0.00	20.24 -0.02 0.00	20.75 -0.10 -0.05	20.92 -0.10 -0.23	21.19 -0.04 -0.36	23.00 0.07 -0.27	22.88 0.04 -0.44	23.55 0.05 -0.90	28.82 0.08 -0.92	30.29 0.12 -0.98	24.55 0.02 -1.00	24.15 0.05 -0.75	22.68 0.04 -0.78	22.52 0.04 -0.40	21.35 0.00 -0.42
SYRACUSE___POWER 24017	20.79 -0.06 0.00	20.05 -0.10 0.00	18.27 -0.13 0.00	16.70 -0.13 0.00	15.49 -0.11 -0.09	15.65 -0.11 -0.07	15.63 -0.09 -0.14	15.83 -0.09 -0.17	18.31 -0.13 0.00	19.12 -0.13 0.00	20.16 -0.10 0.00	20.67 -0.19 -0.05	20.86 -0.17 -0.24	21.12 -0.13 -0.37	22.92 -0.02 -0.28	22.83 -0.02 -0.45	23.50 -0.05 -0.94	28.77 0.00 -0.96	30.21 0.00 -1.02	24.51 -0.05 -1.03	24.11 -0.02 -0.78	22.65 -0.02 -0.81	22.47 -0.02 -0.41	21.31 -0.06 -0.43
TALLMAN___138KV_BK151 55660	22.14 1.29 0.00	21.27 1.13 0.00	19.41 1.01 0.00	17.76 0.93 0.00	17.19 0.85 -0.83	17.22 0.83 -0.70	17.71 0.84 -1.28	18.25 0.95 -1.54	19.60 1.16 0.00	20.54 1.29 0.00	21.66 1.40 0.00	22.87 1.58 -0.48	24.62 1.58 -2.26	25.91 1.59 -3.46	27.05 1.81 -2.58	28.40 1.77 -4.22	33.14 1.81 -8.73	38.89 2.17 -8.91	40.92 2.22 -9.51	34.86 1.72 -9.62	32.24 1.66 -7.22	31.00 1.62 -7.52	27.54 1.63 -3.83	26.26 1.28 -4.04
TEALLAVE_115KV_TB7 355573	20.72 -0.13 0.00	19.98 -0.16 0.00	18.23 -0.17 0.00	16.66 -0.17 0.00	15.43 -0.16 -0.07	15.61 -0.14 -0.06	15.58 -0.12 -0.12	15.76 -0.14 -0.14	18.25 -0.18 0.00	19.06 -0.19 0.00	20.10 -0.16 0.00	20.60 -0.25 -0.04	20.74 -0.25 -0.20	21.00 -0.19 -0.31	22.80 -0.09 -0.23	22.67 -0.11 -0.38	23.28 -0.11 -0.79	28.51 -0.11 -0.80	29.93 -0.12 -0.86	24.25 -0.14 -0.87	23.89 -0.12 -0.65	22.43 -0.11 -0.68	22.34 -0.09 -0.35	21.17 -0.13 -0.36
TELGRAPH_34_KV_EAST 80808	20.66 -0.19 0.00	19.76 -0.38 0.00	17.99 -0.40 0.00	16.39 -0.44 0.00	15.15 -0.48 -0.12	15.35 -0.44 -0.10	15.25 -0.53 -0.19	15.23 -0.76 -0.22	17.37 -1.07 0.00	18.18 -1.08 0.00	19.11 -1.16 0.00	19.71 -1.17 -0.07	20.04 -1.08 -0.33	20.31 -1.06 -0.50	22.27 -0.77 -0.38	22.28 -0.74 -0.61	22.92 -0.95 -1.27	26.02 -1.14 0.66	27.32 -1.17 0.70	23.94 -0.99 -1.40	23.57 -0.84 -1.05	22.43 -0.52 -1.09	22.41 -0.22 -0.56	21.21 -0.31 -0.59
TEMPLE___115KV_TB 2 55572	20.75 -0.10 0.00	20.00 -0.14 0.00	18.23 -0.17 0.00	16.66 -0.17 0.00	15.45 -0.14 -0.08	15.63 -0.13 -0.06	15.60 -0.11 -0.12	15.78 -0.13 -0.14	18.27 -0.17 0.00	19.08 -0.17 0.00	20.12 -0.14 0.00	20.62 -0.23 -0.04	20.77 -0.23 -0.21	21.02 -0.17 -0.32	22.83 -0.07 -0.24	22.70 -0.09 -0.39	23.29 -0.11 -0.80	28.55 -0.08 -0.81	29.97 -0.09 -0.87	24.29 -0.12 -0.88	23.93 -0.09 -0.66	22.46 -0.09 -0.69	22.36 -0.07 -0.35	21.20 -0.10 -0.37
TIANA___69_KV_BK 1 55817	35.49 2.92 -11.72	28.67 2.64 -5.88	25.70 2.39 -4.91	23.88 2.24 -4.81	19.67 2.08 -2.08	19.69 2.10 -1.89	20.65 2.03 -3.03	21.17 2.13 -3.28	26.93 2.53 -5.96	30.50 2.81 -8.43	34.11 3.02 -10.83	39.07 3.23 -15.03	47.39 3.24 -23.36	52.25 3.28 -28.10	57.54 3.72 -31.16	131.81 3.70 -105.71	135.78 3.73 -109.44	138.87 4.59 -106.47	136.07 4.73 -102.15	129.07 3.72 -101.83	109.56 3.64 -82.56	44.81 3.45 -19.49	44.40 3.64 -18.68	39.10 3.14 -15.02
TILDEN___115KV_TB1 80814	20.79 -0.06 0.00	20.05 -0.10 0.00	18.27 -0.13 0.00	16.70 -0.13 0.00	15.49 -0.11 -0.09	15.65 -0.11 -0.07	15.63 -0.09 -0.14	15.83 -0.09 -0.17	18.31 -0.13 0.00	19.12 -0.13 0.00	20.16 -0.10 0.00	20.67 -0.19 -0.05	20.86 -0.17 -0.24	21.12 -0.13 -0.37	22.92 -0.02 -0.28	22.83 -0.02 -0.45	23.50 -0.05 -0.94	28.77 0.00 -0.96	30.21 0.00 -1.02	24.51 -0.05 -1.03	24.11 -0.02 -0.78	22.65 -0.02 -0.81	22.47 -0.02 -0.41	21.31 -0.06 -0.43
TRIGEN___CC 323695	34.36 1.79 -11.72	27.62 1.59 -5.88	24.77 1.45 -4.91	22.97 1.33 -4.81	18.83 1.24 -2.08	18.82 1.24 -1.89	19.86 1.23 -3.03	20.39 1.36 -3.28	26.02 1.62 -5.96	29.44 1.75 -8.43	32.87 1.86 -10.75	34.02 2.06 -11.15	46.20 2.06 -23.36	48.54 2.05 -25.62	56.15 2.33 -31.15	52.93 2.28 -28.24	54.19 2.33 -29.26	70.10 2.81 -39.47	51.14 2.89 -19.06	42.94 2.24 -17.18	52.77 2.20 -27.22	43.50 2.14 -19.49	33.73 2.21 -9.45	33.35 1.82 -10.59

TRINITY__115KV__4 BK 55933	21.45 0.60 0.00	20.65 0.50 0.00	18.86 0.46 0.00	17.34 0.50 0.00	17.09 0.45 -1.13	17.11 0.47 -0.95	17.79 0.45 -1.74	18.28 0.41 -2.11	18.97 0.53 0.00	19.79 0.54 0.00	20.79 0.53 0.00	22.15 0.69 -0.65	24.58 0.71 -3.08	26.30 0.71 -4.72	26.98 0.79 -3.52	28.98 0.81 -5.77	35.29 0.77 -11.92	40.93 0.95 -12.17	43.20 1.02 -12.98	37.51 0.85 -13.14	34.07 0.84 -9.87	32.92 0.79 -10.27	28.11 0.79 -5.23	27.04 0.59 -5.52
UNION__PROCESSING_DRP 323587	20.77 -0.08 0.00	19.90 -0.24 0.00	18.14 -0.26 0.00	16.56 -0.27 0.00	15.43 -0.19 -0.10	15.62 -0.16 -0.09	15.53 -0.22 -0.16	15.62 -0.33 -0.19	17.87 -0.57 0.00	18.68 -0.58 0.00	19.70 -0.57 0.00	20.33 -0.54 -0.06	20.59 -0.48 -0.28	20.84 -0.46 -0.43	22.78 -0.20 -0.32	22.70 -0.22 -0.52	23.32 -0.36 -1.08	28.33 -0.58 -1.10	29.79 -0.58 -1.18	24.39 -0.33 -1.19	23.97 -0.28 -0.89	22.70 -0.09 -0.93	22.62 0.07 -0.47	21.46 0.02 -0.50
UPPER HUDSON__HYD 24058	21.62 0.77 0.00	20.87 0.72 0.00	19.00 0.61 0.00	17.45 0.62 0.00	17.28 0.59 -1.18	17.29 0.61 -0.99	17.96 0.56 -1.81	18.50 0.55 -2.19	19.03 0.59 0.00	19.85 0.60 0.00	20.87 0.61 0.00	22.26 0.77 -0.68	24.80 0.81 -3.20	26.59 0.81 -4.90	27.25 0.93 -3.66	29.40 1.01 -5.99	35.95 0.97 -12.38	41.62 1.17 -12.64	44.08 1.40 -13.48	38.32 1.15 -13.64	34.78 1.17 -10.25	33.47 0.94 -10.67	28.68 1.17 -5.43	27.61 0.94 -5.73
UPPER RAQUET__HYD 24056	19.81 -1.04 0.00	19.24 -0.91 0.00	17.68 -0.72 0.00	16.17 -0.66 0.00	14.91 -0.61 0.00	15.08 -0.61 0.00	15.01 -0.58 0.00	15.24 -0.52 0.00	17.81 -0.63 0.00	18.56 -0.69 0.00	19.35 -0.91 0.00	19.87 -0.94 0.00	19.85 -0.94 0.00	19.83 -1.04 0.00	21.44 -1.22 0.00	21.24 -1.17 0.00	21.52 -1.08 0.00	26.48 -1.33 0.00	27.82 -1.37 0.00	22.52 -1.01 0.00	22.33 -1.03 0.00	20.79 -1.07 0.00	20.86 -1.21 0.00	19.83 -1.11 0.00
VALLEY44_115KV_TB2 355964	20.64 -0.21 0.00	19.74 -0.40 0.00	17.98 -0.42 0.00	16.34 -0.49 0.00	14.75 -0.92 -0.15	14.92 -0.89 -0.13	14.88 -0.95 -0.24	14.88 -1.17 -0.29	17.41 -1.03 0.00	18.20 -1.06 0.00	19.13 -1.13 0.00	19.25 -1.64 -0.09	19.63 -1.58 -0.42	19.97 -1.54 -0.64	21.82 -1.31 -0.48	21.95 -1.23 -0.78	22.82 -1.40 -1.62	26.59 -1.67 -0.45	27.80 -1.87 -0.48	23.85 -1.46 -1.78	23.37 -1.33 -1.34	22.18 -1.07 -1.39	22.01 -0.77 -0.71	20.68 -1.00 -0.75
VALLEY__115KV_TB 1-4 80826	20.93 0.08 0.00	20.19 0.04 0.00	18.44 0.04 0.00	16.80 -0.03 0.00	15.47 -0.05 0.00	15.63 -0.06 0.00	15.54 -0.05 0.00	15.67 -0.09 0.00	18.33 -0.11 0.00	19.16 -0.10 0.00	20.22 -0.04 0.00	20.79 -0.02 0.00	20.77 -0.02 0.00	20.87 0.00 0.00	22.71 0.05 0.00	22.45 0.04 0.00	22.65 0.05 0.00	27.93 0.11 0.00	29.37 0.18 0.00	23.64 0.12 0.00	23.45 0.09 0.00	21.95 0.09 0.00	22.12 0.04 0.00	20.96 0.02 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	21.87 1.02 0.00	21.03 0.89 0.00	19.19 0.79 0.00	17.59 0.76 0.00	16.51 0.68 -0.32	16.66 0.71 -0.27	16.74 0.65 -0.49	17.05 0.69 -0.59	19.29 0.85 0.00	20.18 0.92 0.00	21.30 1.03 0.00	22.12 1.12 -0.18	22.80 1.14 -0.87	23.37 1.17 -1.33	25.06 1.41 -0.99	25.39 1.37 -1.62	27.33 1.38 -3.35	33.04 1.81 -3.42	34.77 1.93 -3.65	28.70 1.48 -3.69	27.58 1.45 -2.77	26.13 1.38 -2.89	24.87 1.32 -1.47	23.62 1.13 -1.55
VISCHER__FERRY HYD 24020	21.77 0.92 0.00	20.97 0.83 0.00	19.15 0.75 0.00	17.55 0.72 0.00	17.33 0.67 -1.15	17.33 0.67 -0.96	18.03 0.67 -1.77	18.51 0.61 -2.14	19.21 0.77 0.00	19.99 0.73 0.00	21.03 0.77 0.00	22.43 0.96 -0.66	24.87 0.96 -3.13	26.66 1.00 -4.79	27.30 1.07 -3.57	29.33 1.08 -5.85	35.75 1.06 -12.09	41.46 1.31 -12.34	43.76 1.40 -13.17	38.03 1.18 -13.32	34.56 1.19 -10.01	33.37 1.09 -10.42	28.51 1.13 -5.31	27.52 0.98 -5.60
V_A_10_SYNC_DSASP 323832	20.37 -0.48 0.00	19.50 -0.64 0.00	17.81 -0.59 0.00	16.21 -0.62 0.00	15.13 -0.50 -0.11	15.31 -0.47 -0.10	15.24 -0.53 -0.18	15.23 -0.74 -0.21	17.33 -1.11 0.00	18.12 -1.14 0.00	19.05 -1.22 0.00	19.71 -1.17 -0.07	20.02 -1.08 -0.31	20.26 -1.09 -0.47	22.20 -0.82 -0.35	22.15 -0.83 -0.58	22.78 -1.02 -1.20	26.01 -1.45 0.36	27.29 -1.52 0.39	23.79 -1.06 -1.32	23.37 -0.98 -0.99	22.22 -0.68 -1.03	22.23 -0.38 -0.53	21.03 -0.46 -0.55
V_CMM_10_SYNC_DSASP 323787	20.45 -0.40 0.00	19.84 -0.30 0.00	18.16 -0.24 0.00	16.61 -0.22 0.00	15.31 -0.20 0.00	15.48 -0.20 0.00	15.40 -0.19 0.00	15.60 -0.16 0.00	18.25 -0.18 0.00	19.04 -0.21 0.00	19.96 -0.30 0.00	20.50 -0.31 0.00	20.48 -0.31 0.00	20.47 -0.40 0.00	22.14 -0.52 0.00	21.89 -0.51 0.00	22.13 -0.48 0.00	27.18 -0.64 0.00	28.52 -0.67 0.00	23.06 -0.47 0.00	22.87 -0.49 0.00	21.36 -0.50 0.00	21.53 -0.55 0.00	20.43 -0.50 0.00
V_CMP_10_SYNC_DSASP 323788	20.81 -0.04 0.00	20.33 0.18 0.00	18.58 0.18 0.00	17.08 0.25 0.00	15.75 0.23 0.00	15.94 0.25 0.00	15.81 0.22 0.00	16.08 0.32 0.00	18.86 0.42 0.00	19.70 0.44 0.00	20.65 0.38 0.00	21.16 0.35 0.00	21.10 0.31 0.00	21.04 0.17 0.00	22.73 0.07 0.00	22.49 0.09 0.00	22.78 0.18 0.00	27.95 0.14 0.00	29.22 0.03 0.00	23.60 0.07 0.00	23.43 0.07 0.00	21.69 -0.18 0.00	21.81 -0.26 0.00	20.69 -0.25 0.00
V_E_10_SYNC_DSASP 323830	22.27 1.42 0.00	21.35 1.21 0.00	19.48 1.09 0.00	17.71 0.87 0.00	16.50 0.74 -0.24	16.68 0.78 -0.20	16.77 0.81 -0.37	16.98 0.77 -0.45	19.29 0.85 0.00	20.08 0.83 0.00	21.20 0.93 0.00	21.86 0.91 -0.14	22.42 0.98 -0.66	22.98 1.11 -1.01	24.80 1.38 -0.75	25.07 1.43 -1.23	26.64 1.49 -2.54	33.08 2.14 -3.13	35.07 2.54 -3.34	28.28 1.95 -2.80	27.43 1.96 -2.10	25.87 1.81 -2.19	24.89 1.70 -1.12	23.73 1.61 -1.18
V_F_30_NSYNC__DSASP 323816	21.91 1.06 0.00	21.11 0.97 0.00	19.26 0.86 0.00	17.67 0.84 0.00	17.46 0.78 -1.17	17.47 0.80 -0.98	18.16 0.76 -1.81	18.68 0.74 -2.18	19.32 0.88 0.00	20.16 0.91 0.00	21.22 0.95 0.00	22.61 1.12 -0.68	25.14 1.16 -3.19	26.95 1.19 -4.89	27.62 1.31 -3.64	29.74 1.37 -5.97	36.27 1.33 -12.34	42.02 1.61 -12.60	44.44 1.81 -13.44	38.61 1.48 -13.60	35.07 1.50 -10.21	33.80 1.31 -10.63	28.91 1.41 -5.42	27.89 1.23 -5.72
V_F_30_SYNC_DSASP 323786	21.52 0.67 0.00	20.71 0.56 0.00	18.90 0.50 0.00	17.37 0.54 0.00	17.14 0.48 -1.14	17.15 0.50 -0.96	17.85 0.50 -1.76	18.35 0.46 -2.13	19.05 0.61 0.00	19.85 0.60 0.00	20.85 0.59 0.00	22.24 0.77 -0.66	24.69 0.79 -3.11	26.45 0.81 -4.76	27.12 0.91 -3.55	29.14 0.92 -5.82	35.53 0.90 -12.03	41.18 1.08 -12.28	43.46 1.17 -13.10	37.75 0.96 -13.26	34.28 0.96 -9.96	33.10 0.87 -10.36	28.24 0.88 -5.28	27.18 0.67 -5.57
V_XM_10_SYNC_DSASP 323789	20.81 -0.04 0.00	20.33 0.18 0.00	18.58 0.18 0.00	17.08 0.25 0.00	15.75 0.23 0.00	15.94 0.25 0.00	15.81 0.22 0.00	16.08 0.32 0.00	18.86 0.42 0.00	19.70 0.44 0.00	20.65 0.38 0.00	21.16 0.35 0.00	21.10 0.31 0.00	21.04 0.17 0.00	22.73 0.07 0.00	22.49 0.09 0.00	22.78 0.18 0.00	27.95 0.14 0.00	29.22 0.03 0.00	23.60 0.07 0.00	23.43 0.07 0.00	21.69 -0.18 0.00	21.81 -0.26 0.00	20.69 -0.25 0.00

W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	22.20 1.36 0.00	21.33 1.19 0.00	19.48 1.09 0.00	17.81 0.98 0.00	17.23 0.88 -0.84	17.25 0.86 -0.70	17.77 0.89 -1.29	18.29 0.98 -1.56	19.64 1.20 0.00	20.58 1.33 0.00	21.70 1.44 0.00	22.91 1.62 -0.48	24.68 1.62 -2.28	25.98 1.63 -3.48	27.12 1.86 -2.60	28.47 1.81 -4.26	33.25 1.85 -8.80	39.05 2.25 -8.98	41.08 2.31 -9.58	34.99 1.76 -9.70	32.37 1.73 -7.28	31.12 1.68 -7.58	27.64 1.70 -3.86	26.35 1.34 -4.07
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	22.48 1.63 0.00	21.48 1.33 0.00	19.59 1.20 0.00	17.89 1.06 0.00	17.40 1.01 -0.88	17.43 1.00 -0.74	17.95 1.01 -1.35	18.56 1.17 -1.63	19.84 1.40 0.00	20.83 1.58 0.00	21.97 1.70 0.00	23.23 1.91 -0.50	25.08 1.91 -2.38	26.44 1.92 -3.65	27.61 2.22 -2.72	29.04 2.17 -4.46	34.01 2.19 -9.22	39.87 2.64 -9.41	41.92 2.69 -10.04	35.73 2.05 -10.16	32.98 1.99 -7.63	31.75 1.95 -7.94	28.11 1.99 -4.05	26.80 1.59 -4.27
W50THST__13_KV_LOAD 356117	22.48 1.63 0.00	21.56 1.41 0.00	19.65 1.25 0.00	17.96 1.13 0.00	17.46 1.07 -0.88	17.48 1.05 -0.74	18.02 1.08 -1.35	18.62 1.23 -1.63	19.93 1.49 0.00	20.93 1.68 0.00	22.07 1.80 0.00	23.31 2.00 -0.50	25.19 2.02 -2.38	26.55 2.02 -3.65	27.72 2.33 -2.72	29.15 2.28 -4.46	34.13 2.31 -9.22	40.01 2.78 -9.41	42.06 2.83 -10.04	35.85 2.16 -10.16	33.07 2.08 -7.63	31.86 2.05 -7.94	28.22 2.10 -4.05	26.88 1.67 -4.27
WADING RIVER_IC_1 23522	35.18 2.61 -11.72	28.42 2.40 -5.88	25.50 2.19 -4.91	23.68 2.04 -4.81	19.50 1.91 -2.08	19.50 1.91 -1.89	20.48 1.85 -3.03	20.98 1.94 -3.28	26.69 2.29 -5.96	30.23 2.54 -8.43	33.77 2.67 -10.83	38.71 2.87 -15.03	46.99 2.85 -23.36	51.89 2.92 -28.09	57.09 3.26 -31.16	131.16 3.23 -105.54	135.14 3.28 -109.26	138.16 4.03 -106.31	135.29 4.14 -101.96	128.41 3.25 -101.64	108.99 3.20 -82.43	44.42 3.06 -19.49	43.98 3.25 -18.65	38.84 2.89 -15.01
WADING RIVER_IC_2 23547	35.18 2.61 -11.72	28.42 2.40 -5.88	25.50 2.19 -4.91	23.68 2.04 -4.81	19.50 1.91 -2.08	19.50 1.91 -1.89	20.48 1.85 -3.03	20.98 1.94 -3.28	26.69 2.29 -5.96	30.23 2.54 -8.43	33.77 2.67 -10.83	38.71 2.87 -15.03	46.99 2.85 -23.36	51.89 2.92 -28.09	57.09 3.26 -31.16	131.16 3.23 -105.54	135.14 3.28 -109.26	138.16 4.03 -106.31	135.29 4.14 -101.96	128.41 3.25 -101.64	108.99 3.20 -82.43	44.42 3.06 -19.49	43.98 3.25 -18.65	38.84 2.89 -15.01
WADING RIVER_IC_3 23601	35.18 2.61 -11.72	28.42 2.40 -5.88	25.50 2.19 -4.91	23.68 2.04 -4.81	19.50 1.91 -2.08	19.50 1.91 -1.89	20.48 1.85 -3.03	20.98 1.94 -3.28	26.69 2.29 -5.96	30.23 2.54 -8.43	33.77 2.67 -10.83	38.71 2.87 -15.03	46.99 2.85 -23.36	51.89 2.92 -28.09	57.09 3.26 -31.16	131.16 3.23 -105.54	135.14 3.28 -109.26	138.16 4.03 -106.31	135.29 4.14 -101.96	128.41 3.25 -101.64	108.99 3.20 -82.43	44.42 3.06 -19.49	43.98 3.25 -18.65	38.84 2.89 -15.01
WALDENNY_I2_KV_BK2 80841	20.75 -0.10 0.00	19.82 -0.32 0.00	18.07 -0.33 0.00	16.39 -0.44 0.00	15.07 -0.57 -0.14	15.27 -0.53 -0.11	15.16 -0.64 -0.21	15.13 -0.88 -0.25	17.35 -1.09 0.00	18.18 -1.08 0.00	19.07 -1.20 0.00	19.55 -1.33 -0.08	19.93 -1.23 -0.37	20.23 -1.21 -0.57	22.18 -0.91 -0.42	22.27 -0.83 -0.69	23.00 -1.04 -1.44	24.79 -1.42 1.61	25.95 -1.52 1.72	23.98 -1.13 -1.58	23.54 -1.00 -1.19	22.42 -0.68 -1.24	22.38 -0.33 -0.63	21.10 -0.50 -0.66
WALDEN___HYDRO 24148	22.12 1.27 0.00	21.27 1.13 0.00	19.41 1.01 0.00	17.76 0.93 0.00	17.13 0.78 -0.84	17.15 0.75 -0.71	17.64 0.75 -1.30	18.15 0.82 -1.57	19.45 1.01 0.00	20.37 1.12 0.00	21.46 1.20 0.00	22.69 1.39 -0.49	24.47 1.39 -2.29	25.80 1.42 -3.51	26.89 1.61 -2.62	28.28 1.59 -4.29	33.11 1.65 -8.86	38.86 2.00 -9.05	40.95 2.10 -9.65	34.94 1.65 -9.77	32.28 1.59 -7.34	31.11 1.62 -7.64	27.56 1.59 -3.89	26.40 1.36 -4.10
WARRENSBURG____ 23737	21.62 0.77 0.00	20.87 0.72 0.00	19.00 0.61 0.00	17.45 0.62 0.00	17.28 0.59 -1.18	17.29 0.61 -0.99	17.96 0.56 -1.81	18.50 0.55 -2.19	19.03 0.59 0.00	19.85 0.60 0.00	20.87 0.61 0.00	22.26 0.77 -0.68	24.80 0.81 -3.20	26.59 0.81 -4.90	27.25 0.93 -3.66	29.40 1.01 -5.99	35.95 0.97 -12.38	41.62 1.17 -12.64	44.08 1.40 -13.48	38.32 1.15 -13.64	34.78 1.17 -10.25	33.47 0.94 -10.67	28.68 1.17 -5.43	27.61 0.94 -5.73
WATERSIDE___6 8 9 23538	22.48 1.63 -0.01	21.58 1.43 -0.01	19.67 1.27 -0.01	17.98 1.14 -0.01	17.48 1.09 -0.88	17.51 1.08 -0.74	18.00 1.06 -1.35	18.62 1.23 -1.63	19.86 1.42 0.00	20.89 1.64 0.00	22.05 1.78 -0.01	21.52 2.00 1.28	25.17 2.00 -2.38	26.50 1.98 -3.65	27.68 2.29 -2.73	29.10 2.24 -4.46	28.51 2.28 -3.62	35.16 2.73 -4.62	38.01 2.77 -6.05	31.00 2.09 -5.38	32.21 2.03 -6.82	30.04 2.05 -6.12	28.23 2.10 -4.05	26.09 1.70 -3.46
WATKINRD_115KV_LN8_ILLION 55919	20.89 0.04 0.00	20.17 0.02 0.00	18.42 0.02 0.00	16.81 -0.02 0.00	15.50 -0.02 0.00	15.66 -0.03 0.00	15.57 -0.02 0.00	15.71 -0.05 0.00	18.38 -0.06 0.00	19.20 -0.06 0.00	20.24 -0.02 0.00	20.79 -0.02 0.00	20.79 0.00 0.00	20.87 0.00 0.00	22.71 0.05 0.00	22.45 0.04 0.00	22.65 0.05 0.00	27.93 0.11 0.00	29.34 0.15 0.00	23.64 0.12 0.00	23.45 0.09 0.00	21.95 0.09 0.00	22.14 0.07 0.00	20.96 0.02 0.00
WATSON___69_KV_BK 1 55734	35.18 2.61 -11.72	28.40 2.38 -5.88	25.47 2.15 -4.91	23.61 1.97 -4.81	19.44 1.85 -2.08	19.43 1.85 -1.89	20.45 1.82 -3.03	20.96 1.92 -3.28	26.67 2.27 -5.96	30.19 2.50 -8.43	33.70 2.65 -10.79	36.79 2.85 -13.13	46.97 2.83 -23.36	50.53 2.78 -26.88	56.92 3.10 -31.16	93.28 3.09 -67.79	95.91 3.12 -70.19	105.30 3.81 -73.67	94.57 3.91 -61.47	86.97 3.06 -60.39	81.86 3.04 -55.47	44.33 2.97 -19.49	39.39 3.16 -14.16	36.51 2.72 -12.85
WDELAWARE___HYD 323627	21.83 0.98 0.00	20.97 0.83 0.00	19.15 0.75 0.00	17.54 0.71 0.00	16.85 0.57 -0.76	16.86 0.53 -0.64	17.23 0.47 -1.17	17.71 0.54 -1.42	19.12 0.68 0.00	20.03 0.77 0.00	21.12 0.85 0.00	22.31 1.06 -0.44	23.90 1.04 -2.07	25.10 1.06 -3.17	26.27 1.25 -2.36	27.53 1.25 -3.87	31.91 1.31 -8.00	37.62 1.64 -8.17	39.60 1.69 -8.71	33.64 1.29 -8.82	31.22 1.24 -6.62	30.09 1.33 -6.89	26.85 1.26 -3.51	25.73 1.09 -3.71
WEST BABYLON___IC 23714	34.99 2.42 -11.72	28.22 2.20 -5.88	25.30 1.99 -4.91	23.46 1.82 -4.81	19.30 1.71 -2.08	19.29 1.71 -1.89	20.31 1.68 -3.03	20.84 1.80 -3.28	26.52 2.12 -5.96	30.02 2.33 -8.43	33.49 2.47 -10.76	35.15 2.66 -11.68	46.77 2.62 -23.36	49.40 2.57 -25.96	56.72 2.90 -31.15	64.19 2.87 -38.93	65.84 2.92 -40.32	80.09 3.56 -48.71	63.33 3.62 -30.52	55.22 2.85 -28.85	61.01 2.80 -34.85	44.11 2.75 -19.49	35.73 2.94 -10.72	34.69 2.55 -11.20
WEST CANADA___HYD 24049	20.91 0.06 0.00	20.19 0.04 0.00	18.44 0.04 0.00	16.85 0.02 0.00	15.53 0.02 0.00	15.70 0.02 0.00	15.61 0.02 0.00	15.76 0.00 0.00	18.44 0.00 0.00	19.25 0.00 0.00	20.28 0.02 0.00	20.83 0.02 0.00	20.81 0.02 0.00	20.91 0.04 0.00	22.71 0.05 0.00	22.45 0.04 0.00	22.65 0.05 0.00	27.90 0.08 0.00	29.28 0.09 0.00	23.60 0.07 0.00	23.43 0.07 0.00	21.93 0.07 0.00	22.14 0.07 0.00	21.00 0.06 0.00

WESTERN_NY_WIND 24143	20.93 0.08 0.00	20.03 -0.12 0.00	18.27 -0.13 0.00	16.60 -0.24 0.00	15.37 -0.26 -0.12	15.57 -0.22 -0.10	15.46 -0.31 -0.18	15.45 -0.54 -0.22	17.65 -0.79 0.00	18.43 -0.83 0.00	19.41 -0.85 0.00	20.04 -0.83 -0.07	20.32 -0.79 -0.32	20.84 -0.52 -0.49	22.58 -0.45 -0.37	22.58 -0.43 -0.60	23.22 -0.63 -1.25	26.61 -0.72 0.48	27.97 -0.70 0.52	24.36 -0.54 -1.37	24.00 -0.40 -1.03	22.78 -0.15 -1.07	22.74 0.11 -0.55	21.62 0.11 -0.58
WESTOVER___LESR 323668	21.10 0.25 0.00	20.29 0.14 0.00	18.51 0.11 0.00	16.88 0.05 0.00	15.75 -0.02 -0.26	15.91 0.00 -0.22	16.00 0.02 -0.40	16.21 -0.03 -0.48	18.42 -0.02 0.00	19.25 0.00 0.00	20.28 0.02 0.00	20.92 -0.04 -0.15	21.47 -0.02 -0.70	21.97 0.02 -1.07	23.67 0.20 -0.80	23.92 0.20 -1.31	25.47 0.16 -2.71	30.83 0.25 -2.77	32.41 0.26 -2.95	26.68 0.16 -2.99	25.82 0.21 -2.25	24.44 0.24 -2.34	23.58 0.31 -1.19	22.34 0.15 -1.26
WETHRSFD_WT_PWR 323626	20.68 -0.17 0.00	19.80 -0.34 0.00	18.01 -0.39 0.00	16.36 -0.47 0.00	15.04 -0.62 -0.15	15.21 -0.61 -0.13	15.14 -0.69 -0.24	15.12 -0.93 -0.28	17.29 -1.14 0.00	18.06 -1.19 0.00	18.99 -1.28 0.00	19.50 -1.39 -0.09	19.85 -1.35 -0.42	20.38 -1.13 -0.64	22.00 -1.13 -0.48	22.15 -1.03 -0.78	23.04 -1.18 -1.61	17.08 -1.50 9.23	17.86 -1.46 9.87	24.24 -1.06 -1.77	23.78 -0.91 -1.33	22.59 -0.66 -1.39	22.41 -0.38 -0.71	21.24 -0.44 -0.75
WHAVSTOR_138KV_BK127 55557	22.12 1.27 0.00	21.25 1.11 0.00	19.41 1.01 0.00	17.74 0.91 0.00	17.19 0.84 -0.84	17.22 0.83 -0.70	17.72 0.84 -1.29	18.27 0.95 -1.56	19.60 1.16 0.00	20.53 1.27 0.00	21.64 1.38 0.00	22.85 1.56 -0.48	24.63 1.56 -2.28	25.93 1.57 -3.49	27.05 1.79 -2.60	28.41 1.75 -4.26	33.20 1.79 -8.81	38.95 2.14 -8.99	40.98 2.19 -9.60	34.91 1.67 -9.71	32.29 1.64 -7.29	31.05 1.60 -7.59	27.56 1.61 -3.87	26.27 1.26 -4.08
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	22.12 1.27 0.00	21.25 1.11 0.00	19.41 1.01 0.00	17.74 0.91 0.00	17.19 0.84 -0.84	17.22 0.83 -0.70	17.72 0.84 -1.29	18.27 0.95 -1.56	19.60 1.16 0.00	20.53 1.27 0.00	21.64 1.38 0.00	22.85 1.56 -0.48	24.63 1.56 -2.28	25.93 1.57 -3.49	27.05 1.79 -2.60	28.41 1.75 -4.26	33.20 1.79 -8.81	38.95 2.14 -8.99	40.98 2.19 -9.60	34.91 1.67 -9.71	32.29 1.64 -7.29	31.05 1.60 -7.59	27.56 1.61 -3.87	26.27 1.26 -4.08
WHITEHAL_115KV_TB1 80871	22.12 1.27 0.00	21.31 1.17 0.00	19.39 0.99 0.00	17.79 0.96 0.00	17.62 0.93 -1.17	17.63 0.96 -0.99	18.30 0.90 -1.81	18.85 0.90 -2.19	19.47 1.03 0.00	20.31 1.06 0.00	21.40 1.13 0.00	22.82 1.33 -0.68	25.29 1.31 -3.20	27.08 1.31 -4.90	27.83 1.52 -3.65	30.04 1.66 -5.98	36.57 1.60 -12.36	42.38 1.95 -12.62	44.96 2.31 -13.46	39.03 1.88 -13.63	35.56 1.96 -10.23	34.18 1.66 -10.65	29.36 1.85 -5.43	28.11 1.44 -5.73
WHITEPLN_13_KV_LOAD 356215	22.62 1.77 0.00	21.74 1.59 0.00	19.85 1.45 0.00	17.94 1.11 0.00	17.44 1.05 -0.87	17.49 1.07 -0.73	18.09 1.15 -1.35	18.68 1.29 -1.63	19.99 1.55 0.00	20.99 1.73 0.00	22.15 1.88 0.00	23.41 2.10 -0.50	25.31 2.14 -2.38	26.62 2.11 -3.64	27.78 2.40 -2.72	29.21 2.35 -4.45	34.29 2.49 -9.20	40.21 3.00 -9.39	42.25 3.04 -10.02	36.07 2.40 -10.14	33.36 2.38 -7.62	31.95 2.16 -7.93	28.30 2.19 -4.04	26.96 1.76 -4.26
WM_FLOYD_69_KV_BK2 356380	35.18 2.61 -11.72	28.38 2.36 -5.88	25.47 2.15 -4.91	23.61 1.97 -4.81	19.45 1.86 -2.08	19.45 1.87 -1.89	20.45 1.82 -3.03	20.95 1.91 -3.28	26.65 2.25 -5.96	30.15 2.46 -8.43	33.69 2.59 -10.83	38.66 2.77 -15.09	46.91 2.76 -23.36	51.78 2.78 -28.13	56.97 3.15 -31.16	132.30 3.11 -106.78	136.32 3.16 -110.55	139.07 3.87 -107.39	136.48 4.00 -103.29	129.68 3.15 -103.00	109.79 3.11 -83.32	44.31 2.95 -19.49	44.02 3.14 -18.80	38.72 2.70 -15.09
WOODARD___115KV_TB2 355635	20.68 -0.17 0.00	19.96 -0.18 0.00	18.20 -0.20 0.00	16.63 -0.20 0.00	15.42 -0.17 -0.08	15.60 -0.16 -0.06	15.57 -0.14 -0.12	15.74 -0.16 -0.14	18.24 -0.20 0.00	19.04 -0.21 0.00	20.08 -0.18 0.00	20.58 -0.27 -0.04	20.72 -0.27 -0.21	20.96 -0.23 -0.31	22.76 -0.14 -0.23	22.63 -0.16 -0.38	23.24 -0.16 -0.80	28.46 -0.17 -0.81	29.88 -0.18 -0.87	24.22 -0.19 -0.88	23.85 -0.16 -0.66	22.39 -0.15 -0.69	22.29 -0.13 -0.35	21.14 -0.17 -0.37
YORK___WARBASSE 23770	22.61 1.75 -0.01	21.71 1.55 -0.01	19.80 1.40 -0.01	18.09 1.25 -0.01	17.56 1.16 -0.88	17.55 1.13 -0.74	18.03 1.09 -1.35	18.65 1.26 -1.63	19.89 1.46 0.00	20.95 1.69 0.00	22.14 1.86 -0.01	35.96 2.08 -13.07	25.25 2.08 -2.38	26.61 2.07 -3.67	27.79 2.40 -2.73	29.23 2.33 -4.50	73.35 2.37 -48.37	73.60 2.84 -42.95	70.08 2.89 -38.00	69.37 2.19 -43.66	38.83 2.13 -13.34	44.75 2.14 -20.75	28.34 2.21 -4.05	32.64 1.78 -9.93