

Day Ahead Market Generator LBMP

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

Generator Data

10/06/2023

Name	00:00	01:00	02:00	03:00	04:00	05:00	06:00	07:00	08:00	09:00	10:00	11:00	12:00	13:00	14:00	15:00	16:00	17:00	18:00	19:00	20:00	21:00	22:00	23:00
PTID	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT
59TH STREET_GT_1	21.80	19.64	18.66	17.74	17.78	20.30	26.55	30.84	32.08	31.69	32.62	33.20	31.66	32.76	32.43	34.18	34.14	40.36	38.69	37.46	31.14	27.03	24.98	22.77
24138	1.54	1.40	1.29	1.19	1.12	1.24	1.83	1.84	1.88	1.76	1.81	1.88	1.94	2.01	2.07	1.95	2.20	2.16	2.28	2.44	1.85	1.95	1.93	1.49
	0.00	0.00	0.00	0.00	0.00	0.00	-3.24	-7.64	-8.84	-8.53	-9.47	-9.96	-7.97	-7.88	-6.60	-9.79	-6.02	-13.05	-9.61	-5.28	-6.67	-2.44	-1.66	0.00
74TH STREET_GT_1	21.82	19.66	18.67	17.75	17.78	20.34	26.55	30.80	32.02	31.69	32.64	33.16	31.62	32.71	32.39	34.16	34.14	40.30	38.64	37.49	31.17	27.05	24.98	22.66
24260	1.56	1.42	1.30	1.21	1.12	1.28	1.83	1.79	1.82	1.76	1.84	1.84	1.89	1.97	2.02	1.93	2.20	2.11	2.23	2.47	1.88	1.97	1.93	1.38
	0.00	0.00	0.00	0.00	0.00	0.00	-3.24	-7.64	-8.84	-8.53	-9.47	-9.96	-7.97	-7.88	-6.60	-9.79	-6.02	-13.05	-9.61	-5.28	-6.67	-2.44	-1.66	0.00
74TH STREET_GT_2	21.82	19.66	18.67	17.75	17.78	20.34	26.55	30.80	32.02	31.69	32.64	33.16	31.62	32.71	32.39	34.16	34.14	40.30	38.64	37.49	31.17	27.05	24.98	22.66
24261	1.56	1.42	1.30	1.21	1.12	1.28	1.83	1.79	1.82	1.76	1.84	1.84	1.89	1.97	2.02	1.93	2.20	2.11	2.23	2.47	1.88	1.97	1.93	1.38
	0.00	0.00	0.00	0.00	0.00	0.00	-3.24	-7.64	-8.84	-8.53	-9.47	-9.96	-7.97	-7.88	-6.60	-9.79	-6.02	-13.05	-9.61	-5.28	-6.67	-2.44	-1.66	0.00
ADK HUDSON___FALLS	21.74	19.51	18.55	17.64	17.91	20.56	25.38	29.85	30.11	27.56	26.80	26.65	26.29	27.37	27.66	27.72	29.64	33.17	32.06	33.59	30.46	25.64	23.78	22.62
24011	1.48	1.28	1.18	1.09	1.25	1.51	1.76	1.82	1.82	1.91	1.94	1.97	1.83	1.88	1.97	1.84	2.05	1.94	2.25	2.44	1.97	1.99	1.75	1.34
	0.00	0.00	0.00	0.00	0.00	0.00	-2.13	-6.67	-6.93	-4.25	-3.52	-3.32	-2.72	-2.63	-1.93	-3.44	-1.67	-6.09	-3.00	-1.41	-5.88	-1.01	-0.63	0.00
ADK RESOURCE___RCVRY	21.86	19.62	18.66	17.74	18.03	20.72	25.55	30.02	30.35	27.73	26.95	26.86	26.46	27.55	27.85	27.87	29.82	33.16	32.22	33.77	30.61	25.80	23.91	22.85
23798	1.60	1.39	1.29	1.19	1.37	1.66	1.93	1.99	2.05	2.08	2.09	2.18	2.00	2.06	2.16	2.00	2.23	1.94	2.41	2.62	2.13	2.15	1.88	1.57
	0.00	0.00	0.00	0.00	0.00	0.00	-2.13	-6.67	-6.93	-4.25	-3.51	-3.32	-2.71	-2.62	-1.93	-3.44	-1.68	-6.09	-3.00	-1.42	-5.87	-1.01	-0.63	0.00
ADK S GLENS___FALLS	21.74	19.51	18.55	17.64	17.91	20.56	25.38	29.85	30.11	27.56	26.80	26.65	26.29	27.37	27.66	27.72	29.64	33.17	32.06	33.59	30.46	25.64	23.78	22.62
24028	1.48	1.28	1.18	1.09	1.25	1.51	1.76	1.82	1.82	1.91	1.94	1.97	1.83	1.88	1.97	1.84	2.05	1.94	2.25	2.44	1.97	1.99	1.75	1.34
	0.00	0.00	0.00	0.00	0.00	0.00	-2.13	-6.67	-6.93	-4.25	-3.52	-3.32	-2.72	-2.63	-1.93	-3.44	-1.67	-6.09	-3.00	-1.41	-5.88	-1.01	-0.63	0.00
ADK_NYS___DAM	21.15	19.07	18.17	17.27	17.48	20.01	24.79	29.18	29.21	26.80	26.33	26.00	25.81	26.84	26.89	27.23	28.89	33.04	31.15	32.10	29.72	24.87	23.15	22.06
23527	0.89	0.84	0.80	0.73	0.82	0.95	1.12	1.13	1.13	1.11	1.11	1.17	1.20	1.23	1.28	1.23	1.42	1.38	1.47	1.57	1.22	1.20	1.05	0.79
	0.00	0.00	0.00	0.00	0.00	0.00	-2.19	-6.69	-6.72	-4.28	-3.88	-3.46	-2.86	-2.74	-1.85	-3.55	-1.55	-6.52	-2.87	-0.79	-5.89	-1.03	-0.71	0.00
AIR_PRODUCTS___DRP	20.55	18.49	17.67	16.81	16.98	19.44	24.00	28.36	28.64	26.13	25.42	25.28	25.03	26.09	26.31	26.49	28.25	31.83	30.50	31.86	28.88	24.13	22.43	21.34
24190	0.28	0.26	0.30	0.26	0.32	0.38	0.39	0.41	0.38	0.41	0.45	0.45	0.46	0.48	0.50	0.47	0.54	0.50	0.54	0.59	0.45	0.45	0.39	0.06
	0.00	0.00	0.00	0.00	0.00	0.00	-2.13	-6.59	-6.89	-4.31	-3.63	-3.46	-2.83	-2.74	-2.04	-3.57	-1.79	-6.19	-3.16	-1.53	-5.81	-1.04	-0.65	0.00
AKWESSNE_115KV_BK	19.88	17.89	17.06	16.23	16.36	18.72	20.99	20.87	20.89	20.92	20.92	20.91	21.29	22.43	23.31	22.04	25.42	24.71	26.30	29.17	22.12	22.14	20.90	20.91
355683	-0.39	-0.35	-0.31	-0.31	-0.30	-0.34	-0.49	-0.49	-0.47	-0.49	-0.43	-0.45	-0.46	-0.43	-0.45	-0.40	-0.49	-0.43	-0.51	-0.56	-0.50	-0.50	-0.49	-0.36
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ALBANY___1	20.55	18.49	17.67	16.81	16.98	19.44	24.00	28.36	28.64	26.13	25.42	25.28	25.03	26.09	26.31	26.49	28.25	31.83	30.50	31.86	28.88	24.13	22.43	21.34
23571	0.28	0.26	0.30	0.26	0.32	0.38	0.39	0.41	0.38	0.41	0.45	0.45	0.46	0.48	0.50	0.47	0.54	0.50	0.54	0.59	0.45	0.45	0.39	0.06
	0.00	0.00	0.00	0.00	0.00	0.00	-2.13	-6.59	-6.89	-4.31	-3.63	-3.46	-2.83	-2.74	-2.04	-3.57	-1.79	-6.19	-3.16	-1.53	-5.81	-1.04	-0.65	0.00
ALBANY___2	20.55	18.49	17.67	16.81	16.98	19.44	24.00	28.36	28.64	26.13	25.42	25.28	25.03	26.09	26.31	26.49	28.25	31.83	30.50	31.86	28.88	24.13	22.43	21.34
23572	0.28	0.26	0.30	0.26	0.32	0.38	0.39	0.41	0.38	0.41	0.45	0.45	0.46	0.48	0.50	0.47	0.54	0.50	0.54	0.59	0.45	0.45	0.39	0.06
	0.00	0.00	0.00	0.00	0.00	0.00	-2.13	-6.59	-6.89	-4.31	-3.63	-3.46	-2.83	-2.74	-2.04	-3.57	-1.79	-6.19	-3.16	-1.53	-5.81	-1.04	-0.65	0.00
ALBANY___3	20.55	18.49	17.67	16.81	16.98	19.44	24.00	28.36	28.64	26.13	25.42	25.28	25.03	26.09	26.31	26.49	28.25	31.83	30.50	31.86	28.88	24.13	22.43	21.34
23573	0.28	0.26	0.30	0.26	0.32	0.38	0.39	0.41	0.38	0.41	0.45	0.45	0.46	0.48	0.50	0.47	0.54	0.50	0.54	0.59	0.45	0.45	0.39	0.06
	0.00	0.00	0.00	0.00	0.00	0.00	-2.13	-6.59	-6.89	-4.31	-3.63	-3.46	-2.83	-2.74	-2.04	-3.57	-1.79	-6.19	-3.16	-1.53	-5.81	-1.04	-0.65	0.00

ALBANY___4 23574	20.55 0.28 0.00	18.49 0.26 0.00	17.67 0.30 0.00	16.81 0.26 0.00	16.98 0.32 0.00	19.44 0.38 0.00	24.00 0.39 -2.13	28.36 0.41 -6.59	28.64 0.38 -6.89	26.13 0.41 -4.31	25.42 0.45 -3.63	25.28 0.45 -3.46	25.03 0.46 -2.83	26.09 0.48 -2.74	26.31 0.50 -2.04	26.49 0.47 -3.57	28.25 0.54 -1.79	31.83 0.50 -6.19	30.50 0.54 -3.16	31.86 0.59 -1.53	28.88 0.45 -5.81	24.13 0.45 -1.04	22.43 0.39 -0.65	21.34 0.06 0.00
ALBANY___LFGE 323615	20.73 0.47 0.00	18.65 0.42 0.00	17.82 0.45 0.00	16.94 0.40 0.00	17.13 0.47 0.00	19.61 0.55 0.00	24.24 0.62 -2.13	28.60 0.62 -6.62	28.90 0.64 -6.89	26.34 0.64 -4.29	25.59 0.64 -3.61	25.49 0.70 -3.42	25.26 0.72 -2.80	26.31 0.73 -2.71	26.55 0.78 -2.01	26.69 0.72 -3.53	28.49 0.83 -1.75	32.04 0.73 -6.17	30.74 0.83 -3.10	32.10 0.89 -1.48	29.12 0.68 -5.83	24.34 0.68 -1.03	22.62 0.58 -0.65	21.62 0.34 0.00
ALCOA_PA_115KV_PL-6C 55860	19.88 -0.39 0.00	17.91 -0.33 0.00	17.08 -0.30 0.00	16.25 -0.30 0.00	16.36 -0.30 0.00	18.73 -0.32 0.00	20.99 -0.49 0.00	20.89 -0.47 0.00	20.89 -0.47 0.00	20.94 -0.47 0.00	20.92 -0.43 0.00	20.94 -0.43 0.00	21.29 -0.46 0.00	22.46 -0.41 0.00	23.31 -0.45 0.00	22.06 -0.38 0.00	25.42 -0.49 0.00	24.69 -0.45 0.00	26.30 -0.51 0.00	29.17 -0.56 0.00	22.21 -0.41 0.00	22.25 -0.38 0.00	21.01 -0.39 0.00	21.00 -0.28 0.00
ALCOA_RYNLDS___DRP 24188	19.88 -0.39 0.00	17.91 -0.33 0.00	17.08 -0.30 0.00	16.25 -0.30 0.00	16.36 -0.30 0.00	18.73 -0.32 0.00	20.99 -0.49 0.00	20.89 -0.47 0.00	20.89 -0.47 0.00	20.94 -0.47 0.00	20.92 -0.43 0.00	20.94 -0.43 0.00	21.29 -0.46 0.00	22.46 -0.41 0.00	23.31 -0.45 0.00	22.06 -0.38 0.00	25.42 -0.49 0.00	24.69 -0.45 0.00	26.30 -0.51 0.00	29.17 -0.56 0.00	22.21 -0.41 0.00	22.25 -0.38 0.00	21.01 -0.39 0.00	21.00 -0.28 0.00
ALCOA___DSASP 323711	19.88 -0.39 0.00	17.91 -0.33 0.00	17.08 -0.30 0.00	16.25 -0.30 0.00	16.36 -0.30 0.00	18.73 -0.32 0.00	20.99 -0.49 0.00	20.89 -0.47 0.00	20.89 -0.47 0.00	20.98 -0.43 0.00	20.94 -0.41 0.00	20.94 -0.43 0.00	21.29 -0.46 0.00	22.46 -0.41 0.00	23.31 -0.45 0.00	22.01 -0.43 0.00	25.42 -0.49 0.00	24.66 -0.48 0.00	26.27 -0.54 0.00	29.20 -0.53 0.00	22.16 -0.45 0.00	22.23 -0.41 0.00	20.99 -0.41 0.00	20.91 -0.36 0.00
ALLEGHENY___COGEN 23514	21.26 0.99 0.00	19.11 0.88 0.00	18.20 0.83 0.00	17.44 0.89 0.00	17.53 0.87 0.00	19.97 0.91 0.00	22.67 1.03 -0.16	25.28 1.05 -2.87	25.41 0.92 -3.13	22.29 0.64 -0.24	22.03 0.68 0.00	22.03 0.66 0.00	22.56 0.81 0.00	23.62 0.75 0.00	24.57 0.81 0.00	23.37 0.90 -0.03	26.95 1.04 0.00	26.66 1.31 -0.21	28.10 1.26 -0.03	31.25 1.40 -0.11	24.34 1.15 -0.58	23.92 1.24 -0.03	22.62 1.22 0.00	22.55 1.28 0.00
ALTAMONT_115KV_TB 2 55880	20.85 0.59 0.00	18.76 0.53 0.00	17.89 0.52 0.00	17.01 0.46 0.00	17.16 0.50 0.00	19.65 0.59 0.00	24.31 0.71 -2.11	28.63 0.70 -6.56	28.99 0.70 -6.92	26.43 0.71 -4.31	25.66 0.75 -3.57	25.57 0.75 -3.46	25.33 0.76 -2.81	26.38 0.78 -2.74	26.66 0.81 -2.09	26.80 0.79 -3.57	28.66 0.91 -1.84	32.10 0.85 -6.11	30.97 0.94 -3.22	32.45 1.01 -1.70	29.17 0.77 -5.79	24.47 0.79 -1.03	22.74 0.71 -0.64	21.70 0.43 0.00
ALTONA_WT_PWR 323606	19.31 -0.95 0.00	17.34 -0.89 0.00	16.61 -0.76 0.00	15.82 -0.73 0.00	15.96 -0.70 0.00	18.32 -0.74 0.00	20.50 -0.99 0.00	20.36 -1.00 0.00	20.36 -1.00 0.00	20.62 -0.79 0.00	20.62 -0.73 0.00	20.55 -0.81 0.00	20.92 -0.83 0.00	22.11 -0.75 0.00	23.03 -0.74 0.00	21.86 -0.58 0.00	25.29 -0.62 0.00	24.64 -0.50 0.00	26.17 -0.64 0.00	29.08 -0.65 0.00	22.01 -0.61 0.00	22.14 -0.50 0.00	20.88 -0.51 0.00	20.83 -0.45 0.00
AMERICAN_REF_FUEL 24010	19.92 -0.34 0.00	17.91 -0.33 0.00	17.06 -0.31 0.00	16.23 -0.31 0.00	16.26 -0.40 0.00	18.60 -0.46 0.00	20.81 -0.82 -0.15	20.13 -1.13 0.10	20.08 -1.15 0.13	20.36 -1.26 -0.22	20.38 -0.96 0.00	20.47 -0.90 0.00	21.05 -0.70 0.00	21.89 -0.98 0.00	22.69 -1.07 0.00	21.66 -0.81 -0.03	24.57 -1.35 0.00	24.18 -1.16 -0.20	25.26 -1.58 -0.03	27.85 -1.99 -0.11	21.90 -1.24 -0.53	21.70 -0.97 -0.03	20.78 -0.62 0.00	20.89 -0.38 0.00
ARKWRIGHT___SUMMIT_WT_PWR 323751	20.47 0.20 0.00	18.45 0.22 0.00	17.58 0.21 0.00	16.73 0.18 0.00	16.68 0.02 0.00	18.96 -0.09 0.00	20.98 -0.67 -0.16	20.66 -0.70 0.00	20.76 -0.58 0.03	20.77 -0.88 -0.24	20.85 -0.49 0.00	21.38 0.02 0.00	22.14 0.39 0.00	23.07 0.21 0.00	23.98 0.21 0.00	22.99 0.52 -0.03	26.18 0.26 0.00	25.76 0.40 -0.22	26.63 -0.22 -0.03	29.20 -0.65 -0.12	22.92 -0.29 -0.60	22.97 0.29 -0.03	21.91 0.51 0.00	21.96 0.68 0.00
ARTHUR_KILL_GT_1 23520	21.89 1.62 -0.01	19.72 1.48 -0.01	18.77 1.39 -0.01	17.81 1.26 -0.01	17.90 1.23 -0.01	20.32 1.26 0.00	26.49 1.76 -3.25	30.66 1.67 -7.63	31.90 1.71 -8.83	31.62 1.69 -8.52	32.52 1.73 -9.45	32.57 1.84 -9.37	31.10 1.85 -7.50	32.00 1.99 -7.14	31.89 2.04 -6.08	32.17 1.98 -7.75	32.69 2.25 -4.52	32.76 2.24 -5.38	32.74 2.36 -3.57	32.75 2.53 -0.48	31.06 1.79 -6.66	26.96 1.88 -2.44	24.90 1.84 -1.66	22.86 1.57 -0.01
ARTHUR_KILL_2 23512	21.85 1.58 -0.01	19.68 1.44 -0.01	18.72 1.34 -0.01	17.78 1.22 -0.01	17.87 1.20 -0.01	20.28 1.22 0.00	26.43 1.70 -3.25	30.60 1.60 -7.63	31.86 1.67 -8.83	31.58 1.65 -8.52	32.46 1.67 -9.45	32.50 1.77 -9.37	31.06 1.80 -7.50	31.93 1.92 -7.14	31.84 2.00 -6.08	32.10 1.91 -7.75	32.61 2.18 -4.52	32.66 2.14 -5.38	32.66 2.28 -3.57	32.66 2.44 -0.48	30.99 1.72 -6.66	26.89 1.81 -2.44	24.84 1.77 -1.66	22.82 1.53 -0.01
ARTHUR_KILL_3 23513	21.60 1.34 0.00	19.47 1.24 0.00	18.50 1.13 0.00	17.59 1.04 0.00	17.61 0.95 0.00	20.11 1.05 0.00	26.36 1.63 -3.24	30.59 1.58 -7.64	31.80 1.60 -8.84	31.41 1.48 -8.53	32.32 1.52 -9.46	32.30 1.56 -9.38	30.87 1.61 -7.51	31.68 1.67 -7.15	31.59 1.73 -6.09	31.82 1.62 -7.76	32.31 1.87 -4.52	32.34 1.81 -5.39	32.27 1.88 -3.58	32.28 2.05 -0.49	30.91 1.63 -6.67	26.83 1.74 -2.44	24.77 1.71 -1.66	22.55 1.28 0.00
ARTHUR_KILL_COGEN 323718	21.89 1.62 -0.01	19.72 1.48 -0.01	18.77 1.39 -0.01	17.81 1.26 -0.01	17.90 1.23 -0.01	20.32 1.26 0.00	26.49 1.76 -3.25	30.66 1.67 -7.63	31.90 1.71 -8.83	31.62 1.69 -8.52	32.52 1.73 -9.45	32.57 1.84 -9.37	31.10 1.85 -7.50	32.00 1.99 -7.14	31.89 2.04 -6.08	32.17 1.98 -7.75	32.69 2.25 -4.52	32.76 2.24 -5.38	32.74 2.36 -3.57	32.75 2.53 -0.48	31.06 1.79 -6.66	26.96 1.88 -2.44	24.90 1.84 -1.66	22.86 1.57 -0.01
ASHOKAN____ 23654	21.30 1.03 0.00	19.15 0.91 0.00	18.26 0.89 0.00	17.30 0.76 0.00	17.31 0.65 0.00	19.73 0.67 0.00	24.70 0.92 -2.29	28.52 0.68 -6.48	29.08 0.64 -7.08	27.61 1.01 -5.20	27.28 1.05 -4.90	27.44 1.09 -4.99	26.81 1.04 -4.02	27.96 1.14 -3.95	28.10 1.14 -3.20	28.61 1.14 -5.02	30.09 1.30 -2.88	34.06 1.36 -7.56	33.03 1.45 -4.77	34.15 1.75 -2.66	29.57 1.27 -5.69	25.28 1.29 -1.35	23.07 0.81 -0.86	21.96 0.68 0.00

ASTORIA_EAST_ENERGY_CC1 323581	21.67 1.40 -0.01	19.54 1.29 -0.01	18.58 1.20 -0.01	17.66 1.11 -0.01	17.71 1.03 -0.01	20.14 1.09 0.00	26.41 1.70 -3.23	30.66 1.67 -7.63	31.90 1.71 -8.83	31.54 1.61 -8.52	32.44 1.64 -9.46	33.02 1.71 -9.95	31.48 1.76 -7.96	32.54 1.81 -7.87	32.23 1.88 -6.60	33.97 1.75 -9.78	33.90 1.97 -6.01	40.10 1.91 -13.05	38.44 2.04 -9.60	37.18 2.17 -5.27	30.99 1.72 -6.66	26.86 1.79 -2.44	24.82 1.75 -1.66	22.63 1.34 -0.01
ASTORIA_EAST_ENERGY_CC2 323582	21.67 1.40 -0.01	19.54 1.29 -0.01	18.58 1.20 -0.01	17.66 1.11 -0.01	17.71 1.03 -0.01	20.14 1.09 0.00	26.41 1.70 -3.23	30.66 1.67 -7.63	31.90 1.71 -8.83	31.54 1.61 -8.52	32.44 1.64 -9.46	33.02 1.71 -9.95	31.48 1.76 -7.96	32.54 1.81 -7.87	32.23 1.88 -6.60	33.97 1.75 -9.78	33.90 1.97 -6.01	40.10 1.91 -13.05	38.44 2.04 -9.60	37.18 2.17 -5.27	30.99 1.72 -6.66	26.86 1.79 -2.44	24.82 1.75 -1.66	22.63 1.34 -0.01
ASTORIA_GT2_1 24094	21.68 1.42 0.00	19.55 1.31 0.00	18.57 1.20 0.00	17.67 1.12 0.00	17.71 1.05 0.00	20.20 1.14 0.00	26.40 1.70 -3.22	30.68 1.69 -7.63	31.89 1.71 -8.82	31.57 1.65 -8.51	32.52 1.73 -9.45	33.04 1.73 -9.95	31.48 1.76 -7.96	32.57 1.83 -7.87	32.24 1.88 -6.60	33.98 1.77 -9.77	33.92 2.00 -6.01	40.08 1.89 -13.05	38.43 2.01 -9.61	37.23 2.23 -5.27	31.03 1.74 -6.67	26.89 1.81 -2.44	24.83 1.78 -1.66	22.51 1.23 0.00
ASTORIA_GT2_2 24095	21.68 1.42 0.00	19.55 1.31 0.00	18.57 1.20 0.00	17.67 1.12 0.00	17.71 1.05 0.00	20.20 1.14 0.00	26.40 1.70 -3.22	30.68 1.69 -7.63	31.89 1.71 -8.82	31.57 1.65 -8.51	32.52 1.73 -9.45	33.04 1.73 -9.95	31.48 1.76 -7.96	32.57 1.83 -7.87	32.24 1.88 -6.60	33.98 1.77 -9.77	33.92 2.00 -6.01	40.08 1.89 -13.05	38.43 2.01 -9.61	37.23 2.23 -5.27	31.03 1.74 -6.67	26.89 1.81 -2.44	24.83 1.78 -1.66	22.51 1.23 0.00
ASTORIA_GT2_3 24096	21.68 1.42 0.00	19.55 1.31 0.00	18.57 1.20 0.00	17.67 1.12 0.00	17.71 1.05 0.00	20.20 1.14 0.00	26.40 1.70 -3.22	30.68 1.69 -7.63	31.89 1.71 -8.82	31.57 1.65 -8.51	32.52 1.73 -9.45	33.04 1.73 -9.95	31.48 1.76 -7.96	32.57 1.83 -7.87	32.24 1.88 -6.60	33.98 1.77 -9.77	33.92 2.00 -6.01	40.08 1.89 -13.05	38.43 2.01 -9.61	37.23 2.23 -5.27	31.03 1.74 -6.67	26.89 1.81 -2.44	24.83 1.78 -1.66	22.51 1.23 0.00
ASTORIA_GT2_4 24097	21.68 1.42 0.00	19.55 1.31 0.00	18.57 1.20 0.00	17.67 1.12 0.00	17.71 1.05 0.00	20.20 1.14 0.00	26.40 1.70 -3.22	30.68 1.69 -7.63	31.89 1.71 -8.82	31.57 1.65 -8.51	32.52 1.73 -9.45	33.04 1.73 -9.95	31.48 1.76 -7.96	32.57 1.83 -7.87	32.24 1.88 -6.60	33.98 1.77 -9.77	33.92 2.00 -6.01	40.08 1.89 -13.05	38.43 2.01 -9.61	37.23 2.23 -5.27	31.03 1.74 -6.67	26.89 1.81 -2.44	24.83 1.78 -1.66	22.51 1.23 0.00
ASTORIA_GT3_1 24098	21.68 1.42 0.00	19.55 1.31 0.00	18.57 1.20 0.00	17.67 1.12 0.00	17.71 1.05 0.00	20.20 1.14 0.00	26.40 1.70 -3.22	30.68 1.69 -7.63	31.89 1.71 -8.82	31.57 1.65 -8.51	32.52 1.73 -9.45	33.04 1.73 -9.95	31.48 1.76 -7.96	32.57 1.83 -7.87	32.24 1.88 -6.60	33.98 1.77 -9.77	33.92 2.00 -6.01	40.08 1.89 -13.05	38.43 2.01 -9.61	37.23 2.23 -5.27	31.03 1.74 -6.67	26.89 1.81 -2.44	24.83 1.78 -1.66	22.51 1.23 0.00
ASTORIA_GT3_2 24099	21.68 1.42 0.00	19.55 1.31 0.00	18.57 1.20 0.00	17.67 1.12 0.00	17.71 1.05 0.00	20.20 1.14 0.00	26.40 1.70 -3.22	30.68 1.69 -7.63	31.89 1.71 -8.82	31.57 1.65 -8.51	32.52 1.73 -9.45	33.04 1.73 -9.95	31.48 1.76 -7.96	32.57 1.83 -7.87	32.24 1.88 -6.60	33.98 1.77 -9.77	33.92 2.00 -6.01	40.08 1.89 -13.05	38.43 2.01 -9.61	37.23 2.23 -5.27	31.03 1.74 -6.67	26.89 1.81 -2.44	24.83 1.78 -1.66	22.51 1.23 0.00
ASTORIA_GT3_3 24100	21.68 1.42 0.00	19.55 1.31 0.00	18.57 1.20 0.00	17.67 1.12 0.00	17.71 1.05 0.00	20.20 1.14 0.00	26.40 1.70 -3.22	30.68 1.69 -7.63	31.89 1.71 -8.82	31.57 1.65 -8.51	32.52 1.73 -9.45	33.04 1.73 -9.95	31.48 1.76 -7.96	32.57 1.83 -7.87	32.24 1.88 -6.60	33.98 1.77 -9.77	33.92 2.00 -6.01	40.08 1.89 -13.05	38.43 2.01 -9.61	37.23 2.23 -5.27	31.03 1.74 -6.67	26.89 1.81 -2.44	24.83 1.78 -1.66	22.51 1.23 0.00
ASTORIA_GT3_4 24101	21.68 1.42 0.00	19.55 1.31 0.00	18.57 1.20 0.00	17.67 1.12 0.00	17.71 1.05 0.00	20.20 1.14 0.00	26.40 1.70 -3.22	30.68 1.69 -7.63	31.89 1.71 -8.82	31.57 1.65 -8.51	32.52 1.73 -9.45	33.04 1.73 -9.95	31.48 1.76 -7.96	32.57 1.83 -7.87	32.24 1.88 -6.60	33.98 1.77 -9.77	33.92 2.00 -6.01	40.08 1.89 -13.05	38.43 2.01 -9.61	37.23 2.23 -5.27	31.03 1.74 -6.67	26.89 1.81 -2.44	24.83 1.78 -1.66	22.51 1.23 0.00
ASTORIA_GT4_1 24102	21.68 1.42 0.00	19.55 1.31 0.00	18.57 1.20 0.00	17.67 1.12 0.00	17.71 1.05 0.00	20.20 1.14 0.00	26.40 1.70 -3.22	30.68 1.69 -7.63	31.89 1.71 -8.82	31.57 1.65 -8.51	32.52 1.73 -9.45	33.04 1.73 -9.95	31.48 1.76 -7.96	32.57 1.83 -7.87	32.24 1.88 -6.60	33.98 1.77 -9.77	33.92 2.00 -6.01	40.08 1.89 -13.05	38.43 2.01 -9.61	37.23 2.23 -5.27	31.03 1.74 -6.67	26.89 1.81 -2.44	24.83 1.78 -1.66	22.51 1.23 0.00
ASTORIA_GT4_2 24103	21.68 1.42 0.00	19.55 1.31 0.00	18.57 1.20 0.00	17.67 1.12 0.00	17.71 1.05 0.00	20.20 1.14 0.00	26.40 1.70 -3.22	30.68 1.69 -7.63	31.89 1.71 -8.82	31.57 1.65 -8.51	32.52 1.73 -9.45	33.04 1.73 -9.95	31.48 1.76 -7.96	32.57 1.83 -7.87	32.24 1.88 -6.60	33.98 1.77 -9.77	33.92 2.00 -6.01	40.08 1.89 -13.05	38.43 2.01 -9.61	37.23 2.23 -5.27	31.03 1.74 -6.67	26.89 1.81 -2.44	24.83 1.78 -1.66	22.51 1.23 0.00
ASTORIA_GT4_3 24104	21.68 1.42 0.00	19.55 1.31 0.00	18.57 1.20 0.00	17.67 1.12 0.00	17.71 1.05 0.00	20.20 1.14 0.00	26.40 1.70 -3.22	30.68 1.69 -7.63	31.89 1.71 -8.82	31.57 1.65 -8.51	32.52 1.73 -9.45	33.04 1.73 -9.95	31.48 1.76 -7.96	32.57 1.83 -7.87	32.24 1.88 -6.60	33.98 1.77 -9.77	33.92 2.00 -6.01	40.08 1.89 -13.05	38.43 2.01 -9.61	37.23 2.23 -5.27	31.03 1.74 -6.67	26.89 1.81 -2.44	24.83 1.78 -1.66	22.51 1.23 0.00
ASTORIA_GT4_4 24105	21.68 1.42 0.00	19.55 1.31 0.00	18.57 1.20 0.00	17.67 1.12 0.00	17.71 1.05 0.00	20.20 1.14 0.00	26.40 1.70 -3.22	30.68 1.69 -7.63	31.89 1.71 -8.82	31.57 1.65 -8.51	32.52 1.73 -9.45	33.04 1.73 -9.95	31.48 1.76 -7.96	32.57 1.83 -7.87	32.24 1.88 -6.60	33.98 1.77 -9.77	33.92 2.00 -6.01	40.08 1.89 -13.05	38.43 2.01 -9.61	37.23 2.23 -5.27	31.03 1.74 -6.67	26.89 1.81 -2.44	24.83 1.78 -1.66	22.51 1.23 0.00
ASTORIA_GT_1 23523	21.71 1.44 -0.01	19.57 1.33 -0.01	18.61 1.23 -0.01	17.69 1.14 -0.01	17.74 1.07 -0.01	20.18 1.12 0.00	26.45 1.74 -3.23	30.71 1.71 -7.63	31.94 1.75 -8.83	31.60 1.67 -8.52	32.49 1.69 -9.46	33.08 1.77 -9.95	31.52 1.80 -7.96	32.61 1.88 -7.87	32.31 1.95 -6.60	34.02 2.05 -9.78	33.98 2.05 -6.01	40.17 1.99 -13.05	38.50 2.09 -9.60	37.27 2.26 -5.27	31.06 1.79 -6.67	26.93 1.86 -2.44	24.86 1.80 -1.66	22.69 1.40 -0.01

ASTORIA_GT_10 24110	21.78 1.52 0.00	19.62 1.39 0.00	18.66 1.29 0.00	17.73 1.19 0.00	17.78 1.12 0.00	20.26 1.20 0.00	26.51 1.78 -3.24	30.76 1.75 -7.64	31.97 1.77 -8.84	31.65 1.71 -8.53	32.60 1.79 -9.47	34.85 1.79 -11.69	32.93 1.83 -9.35	34.83 1.90 -10.06	33.86 1.95 -8.15	34.09 1.86 -9.79	34.06 2.13 -6.02	40.20 2.01 -13.05	38.56 2.14 -9.61	37.40 2.38 -5.28	31.12 1.83 -6.67	27.01 1.92 -2.44	24.94 1.88 -1.66	22.64 1.36 0.00
ASTORIA_GT_11 24225	21.78 1.52 0.00	19.62 1.39 0.00	18.66 1.29 0.00	17.73 1.19 0.00	17.78 1.12 0.00	20.26 1.20 0.00	26.51 1.78 -3.24	30.76 1.75 -7.64	31.97 1.77 -8.84	31.65 1.71 -8.53	32.60 1.79 -9.47	34.85 1.79 -11.69	32.93 1.83 -9.35	34.83 1.90 -10.06	33.86 1.95 -8.15	34.09 1.86 -9.79	34.06 2.13 -6.02	40.20 2.01 -13.05	38.56 2.14 -9.61	37.40 2.38 -5.28	31.12 1.83 -6.67	27.01 1.92 -2.44	24.94 1.88 -1.66	22.64 1.36 0.00
ASTORIA_GT_12 24226	21.78 1.52 0.00	19.62 1.39 0.00	18.66 1.29 0.00	17.73 1.19 0.00	17.78 1.12 0.00	20.26 1.20 0.00	26.51 1.78 -3.24	30.76 1.75 -7.64	31.97 1.77 -8.84	31.65 1.71 -8.53	32.60 1.79 -9.47	34.85 1.79 -11.69	32.93 1.83 -9.35	34.83 1.90 -10.06	33.86 1.95 -8.15	34.09 1.86 -9.79	34.06 2.13 -6.02	40.20 2.01 -13.05	38.56 2.14 -9.61	37.40 2.38 -5.28	31.12 1.83 -6.67	27.01 1.92 -2.44	24.94 1.88 -1.66	22.64 1.36 0.00
ASTORIA_GT_13 24227	21.78 1.52 0.00	19.62 1.39 0.00	18.66 1.29 0.00	17.73 1.19 0.00	17.78 1.12 0.00	20.26 1.20 0.00	26.51 1.78 -3.24	30.76 1.75 -7.64	31.97 1.77 -8.84	31.65 1.71 -8.53	32.60 1.79 -9.47	34.85 1.79 -11.69	32.93 1.83 -9.35	34.83 1.90 -10.06	33.86 1.95 -8.15	34.09 1.86 -9.79	34.06 2.13 -6.02	40.20 2.01 -13.05	38.56 2.14 -9.61	37.40 2.38 -5.28	31.12 1.83 -6.67	27.01 1.92 -2.44	24.94 1.88 -1.66	22.64 1.36 0.00
ASTORIA_GT_5 24106	21.71 1.44 -0.01	19.57 1.33 -0.01	18.61 1.23 -0.01	17.69 1.14 -0.01	17.74 1.07 -0.01	20.18 1.12 0.00	26.45 1.74 -3.23	30.71 1.71 -7.63	31.94 1.75 -8.83	31.60 1.67 -8.52	32.49 1.69 -9.46	33.08 1.77 -9.95	31.52 1.80 -7.96	32.61 1.88 -7.87	32.31 1.95 -6.60	34.02 1.80 -9.78	33.98 2.05 -6.01	40.17 1.99 -13.05	38.50 2.09 -9.60	37.27 2.26 -5.27	31.06 1.79 -6.66	26.93 1.86 -2.44	24.86 1.80 -1.66	22.69 1.40 -0.01
ASTORIA_GT_7 24107	21.71 1.44 -0.01	19.57 1.33 -0.01	18.61 1.23 -0.01	17.69 1.14 -0.01	17.74 1.07 -0.01	20.18 1.12 0.00	26.45 1.74 -3.23	30.71 1.71 -7.63	31.94 1.75 -8.83	31.60 1.67 -8.52	32.49 1.69 -9.46	33.08 1.77 -9.95	31.52 1.80 -7.96	32.61 1.88 -7.87	32.31 1.95 -6.60	34.02 1.80 -9.78	33.98 2.05 -6.01	40.17 1.99 -13.05	38.50 2.09 -9.60	37.27 2.26 -5.27	31.06 1.79 -6.66	26.93 1.86 -2.44	24.86 1.80 -1.66	22.69 1.40 -0.01
ASTORIA_GT_8 24108	21.70 1.44 0.00	19.57 1.33 0.00	18.60 1.23 0.00	17.69 1.14 0.00	17.73 1.07 0.00	20.22 1.16 0.00	26.45 1.74 -3.22	30.70 1.71 -7.63	31.94 1.75 -8.82	31.61 1.69 -8.51	32.56 1.77 -9.45	33.08 1.77 -9.95	31.52 1.81 -7.96	32.61 1.88 -7.87	32.28 1.92 -6.60	34.03 1.82 -9.77	33.97 2.05 -6.01	40.13 1.94 -13.05	38.48 2.06 -9.61	37.29 2.29 -5.27	31.05 1.76 -6.67	26.94 1.86 -2.44	24.87 1.82 -1.66	22.55 1.28 0.00
ASTORIA___2 24149	21.67 1.40 -0.01	19.56 1.31 -0.01	18.58 1.20 -0.01	17.68 1.13 -0.01	17.72 1.05 -0.01	20.16 1.10 0.00	26.41 1.70 -3.23	30.68 1.69 -7.63	31.90 1.71 -8.83	31.56 1.63 -8.52	32.44 1.64 -9.46	33.04 1.73 -9.95	31.48 1.76 -7.96	32.57 1.83 -7.87	32.23 1.88 -6.60	33.97 1.75 -9.78	33.93 2.00 -6.01	40.12 1.94 -13.05	38.44 2.04 -9.60	37.21 2.20 -5.27	31.01 1.74 -6.66	26.89 1.81 -2.44	24.84 1.77 -1.66	22.65 1.36 -0.01
ASTORIA___3 23516	21.79 1.52 -0.01	19.63 1.39 -0.01	18.66 1.29 -0.01	17.74 1.19 -0.01	17.79 1.12 -0.01	20.24 1.18 0.00	26.51 1.78 -3.25	30.77 1.75 -7.65	31.98 1.77 -8.84	31.64 1.69 -8.54	32.54 1.73 -9.47	34.85 1.79 -11.69	32.93 1.83 -9.35	34.83 1.90 -10.06	33.88 1.97 -8.15	34.10 1.86 -9.79	34.07 2.13 -6.03	40.26 2.06 -13.05	38.59 2.17 -9.61	37.38 2.35 -5.29	31.11 1.83 -6.67	27.01 1.92 -2.44	24.94 1.88 -1.66	22.75 1.47 -0.01
ASTORIA___4 23517	21.78 1.52 0.00	19.62 1.39 0.00	18.66 1.29 0.00	17.73 1.19 0.00	17.78 1.12 0.00	20.26 1.20 0.00	26.51 1.78 -3.24	30.76 1.75 -7.64	31.97 1.77 -8.84	31.65 1.71 -8.53	32.60 1.79 -9.47	34.85 1.79 -11.69	32.93 1.83 -9.35	34.83 1.90 -10.06	33.86 1.95 -8.15	34.09 1.86 -9.79	34.06 2.13 -6.02	40.20 2.01 -13.05	38.56 2.14 -9.61	37.40 2.38 -5.28	31.12 1.83 -6.67	27.01 1.92 -2.44	24.94 1.88 -1.66	22.64 1.36 0.00
ASTORIA___5 23518	21.79 1.52 -0.01	19.63 1.39 -0.01	18.66 1.29 -0.01	17.74 1.19 -0.01	17.79 1.12 -0.01	20.24 1.18 0.00	26.51 1.78 -3.25	30.77 1.75 -7.65	31.98 1.77 -8.84	31.64 1.69 -8.54	32.54 1.73 -9.47	34.85 1.77 -11.69	32.93 1.83 -9.35	34.83 1.90 -10.06	33.88 1.97 -8.15	34.10 1.86 -9.79	34.07 2.13 -6.03	40.26 2.06 -13.05	38.59 2.17 -9.61	37.38 2.35 -5.29	31.11 1.83 -6.67	27.01 1.92 -2.44	24.94 1.88 -1.66	22.75 1.47 -0.01
AST_ENERGY_2_CC3 323677	21.68 1.42 0.00	19.55 1.31 0.00	18.57 1.20 0.00	17.65 1.11 0.00	17.68 1.02 0.00	20.18 1.12 0.00	26.40 1.68 -3.24	30.65 1.65 -7.64	31.87 1.67 -8.84	31.52 1.58 -8.53	32.41 1.60 -9.47	32.99 1.67 -9.96	31.44 1.72 -7.97	32.53 1.78 -7.88	32.20 1.83 -6.60	33.96 1.73 -9.79	33.93 2.00 -6.02	40.16 1.96 -13.05	38.43 2.01 -9.61	37.19 2.17 -5.28	30.98 1.70 -6.67	26.89 1.81 -2.44	24.83 1.77 -1.66	22.64 1.36 0.00
AST_ENERGY_2_CC4 323678	21.68 1.42 0.00	19.55 1.31 0.00	18.57 1.20 0.00	17.65 1.11 0.00	17.68 1.02 0.00	20.18 1.12 0.00	26.40 1.68 -3.24	30.65 1.65 -7.64	31.87 1.67 -8.84	31.52 1.58 -8.53	32.41 1.60 -9.47	32.99 1.67 -9.96	31.44 1.72 -7.97	32.53 1.78 -7.88	32.20 1.83 -6.60	33.96 1.73 -9.79	33.93 2.00 -6.02	40.16 1.96 -13.05	38.43 2.01 -9.61	37.19 2.17 -5.28	30.98 1.70 -6.67	26.89 1.81 -2.44	24.83 1.77 -1.66	22.64 1.36 0.00
ATHENS_STG_1 23668	21.05 0.79 0.00	18.96 0.73 0.00	18.05 0.68 0.00	17.17 0.63 0.00	17.28 0.62 0.00	19.76 0.71 0.00	24.68 0.92 -2.27	28.74 0.92 -6.46	29.42 0.92 -7.14	27.50 0.90 -5.19	27.02 0.90 -4.79	27.26 0.94 -4.95	26.71 0.98 -3.98	27.79 1.01 -3.92	28.04 1.04 -3.23	28.45 1.01 -5.00	29.98 1.14 -2.93	33.70 1.13 -7.43	32.79 1.15 -4.83	33.89 1.28 -2.87	29.26 0.97 -5.68	25.00 1.02 -1.35	23.18 0.94 -0.84	22.00 0.72 0.00
ATHENS_STG_2 23670	21.05 0.79 0.00	18.96 0.73 0.00	18.05 0.68 0.00	17.17 0.63 0.00	17.28 0.62 0.00	19.76 0.71 0.00	24.68 0.92 -2.27	28.74 0.92 -6.46	29.42 0.92 -7.14	27.50 0.90 -5.19	27.02 0.90 -4.79	27.26 0.94 -4.95	26.71 0.98 -3.98	27.79 1.01 -3.92	28.04 1.04 -3.23	28.45 1.01 -5.00	29.98 1.14 -2.93	33.70 1.13 -7.43	32.79 1.15 -4.83	33.89 1.28 -2.87	29.26 0.97 -5.68	25.00 1.02 -1.35	23.18 0.94 -0.84	22.00 0.72 0.00

ATHENS_STG_3 23677	21.05 0.79 0.00	18.96 0.73 0.00	18.05 0.68 0.00	17.17 0.63 0.00	17.28 0.62 0.00	19.76 0.71 0.00	24.68 0.92 -2.27	28.74 0.92 -6.46	29.42 0.92 -7.14	27.50 0.90 -5.19	27.02 0.90 -4.79	27.26 0.94 -4.95	26.71 0.98 -3.98	27.79 1.01 -3.92	28.04 1.04 -3.23	28.45 1.01 -5.00	29.98 1.14 -2.93	33.70 1.13 -7.43	32.79 1.15 -4.83	33.89 1.28 -2.87	29.26 0.97 -5.68	25.00 1.02 -1.35	23.18 0.94 -0.84	22.00 0.72 0.00
AUBURN____LFGE 323710	20.65 0.39 0.00	18.56 0.33 0.00	17.68 0.31 0.00	16.89 0.35 0.00	17.03 0.37 0.00	19.46 0.40 0.00	22.13 0.54 -0.11	22.48 0.58 -0.54	22.54 0.60 -0.57	22.17 0.60 -0.16	21.92 0.58 0.00	21.94 0.58 0.00	22.34 0.59 0.00	23.46 0.59 0.00	24.36 0.59 0.00	22.96 0.49 -0.02	26.54 0.62 0.00	26.72 1.43 -0.14	27.56 0.72 -0.03	30.60 0.77 -0.09	23.64 0.57 -0.46	23.23 0.57 -0.03	21.91 0.51 0.00	21.83 0.55 0.00
BABYLON_RES_REC 323704	33.21 2.01 -10.94	24.66 1.84 -4.59	23.32 1.70 -4.25	22.20 1.59 -4.06	27.08 1.52 -8.90	31.56 1.73 -10.77	32.75 2.32 -8.94	36.37 2.29 -12.72	36.99 2.29 -13.34	38.17 2.55 -14.21	40.35 2.26 -16.75	40.94 2.31 -17.27	41.16 2.37 -17.04	44.90 2.40 -19.63	44.92 2.52 -18.64	36.19 2.47 -11.28	38.66 2.83 -9.92	44.14 2.79 -16.21	43.17 2.90 -13.46	41.92 3.15 -9.03	37.21 2.44 -12.15	31.09 2.62 -5.82	28.05 2.59 -4.06	26.13 2.25 -2.60
BABYLON__69_KV_BK2 356345	33.49 2.29 -10.94	24.92 2.10 -4.59	23.58 1.96 -4.25	22.44 1.84 -4.06	27.33 1.77 -8.90	31.87 2.04 -10.77	33.09 2.66 -8.94	36.71 2.63 -12.72	37.36 2.65 -13.35	38.22 2.59 -14.22	40.80 2.71 -16.75	41.33 2.69 -17.27	41.55 2.76 -17.04	45.32 2.81 -19.64	45.33 2.92 -18.65	36.96 2.87 -11.65	37.87 3.27 -8.69	43.90 3.14 -15.62	49.32 3.32 -19.19	47.98 3.69 -14.56	35.79 2.80 -10.38	29.79 3.01 -4.14	27.23 2.97 -2.86	25.04 2.47 -1.30
BALL_HILL_WT_PWR 323825	20.47 0.20 0.00	18.42 0.18 0.00	17.58 0.21 0.00	16.73 0.18 0.00	16.75 0.08 0.00	19.06 0.00 0.00	21.15 -0.49 -0.16	20.65 -0.53 0.18	20.71 -0.43 0.22	21.05 -0.60 -0.24	21.26 -0.09 0.00	21.32 -0.04 0.00	21.97 0.22 0.00	22.85 -0.02 0.00	23.71 -0.05 0.00	22.83 0.36 -0.03	26.18 0.26 0.00	25.17 -0.18 -0.21	26.58 -0.27 -0.03	29.32 -0.54 -0.12	22.90 -0.32 -0.60	22.72 0.05 -0.03	21.72 0.32 0.00	21.64 0.36 0.00
BARON_WINDS____WT_PWR 323822	20.43 0.16 0.00	18.38 0.15 0.00	17.51 0.14 0.00	16.71 0.17 0.00	16.80 0.13 0.00	19.21 0.15 0.00	21.56 -0.13 -0.21	18.20 -0.11 3.06	17.98 0.00 3.38	21.42 -0.30 -0.31	21.19 -0.15 0.00	21.51 0.15 0.00	22.08 0.33 0.00	23.07 0.21 0.00	23.98 0.21 0.00	22.80 0.31 -0.04	26.18 0.26 0.00	25.79 0.38 -0.27	26.82 -0.03 -0.04	29.62 -0.27 -0.15	23.27 -0.09 -0.74	22.97 0.29 -0.04	21.85 0.45 0.00	21.83 0.55 0.00
BARRETT_IC_1 23704	32.84 1.64 -10.94	24.32 1.50 -4.59	23.01 1.39 -4.25	21.90 1.29 -4.06	26.80 1.23 -8.90	31.22 1.39 -10.77	32.28 1.85 -8.94	35.85 1.77 -12.71	36.49 1.79 -13.34	37.53 1.90 -14.21	39.86 1.77 -16.75	40.47 1.84 -17.27	40.68 1.89 -17.04	44.42 1.92 -19.63	44.38 1.97 -18.64	35.25 1.98 -10.84	37.80 2.25 -9.63	43.17 2.21 -15.82	39.51 2.31 -10.40	38.33 2.53 -6.06	36.33 1.95 -11.77	30.49 2.04 -5.82	27.49 2.03 -4.06	25.59 1.72 -2.59
BARRETT_IC_10 23701	32.84 1.64 -10.94	24.32 1.50 -4.59	23.01 1.39 -4.25	21.90 1.29 -4.06	26.80 1.23 -8.90	31.22 1.39 -10.77	32.28 1.85 -8.94	35.85 1.77 -12.71	36.49 1.79 -13.34	37.53 1.90 -14.21	39.86 1.77 -16.75	40.47 1.84 -17.27	40.68 1.89 -17.04	44.42 1.92 -19.63	44.38 1.97 -18.64	35.25 1.98 -10.84	37.80 2.25 -9.63	43.17 2.21 -15.82	39.51 2.31 -10.40	38.33 2.53 -6.06	36.33 1.95 -11.77	30.49 2.04 -5.82	27.49 2.03 -4.06	25.59 1.72 -2.59
BARRETT_IC_11 23702	32.84 1.64 -10.94	24.32 1.50 -4.59	23.01 1.39 -4.25	21.90 1.29 -4.06	26.80 1.23 -8.90	31.22 1.39 -10.77	32.28 1.85 -8.94	35.85 1.77 -12.71	36.49 1.79 -13.34	37.53 1.90 -14.21	39.86 1.77 -16.75	40.47 1.84 -17.27	40.68 1.89 -17.04	44.42 1.92 -19.63	44.38 1.97 -18.64	35.25 1.98 -10.84	37.80 2.25 -9.63	43.17 2.21 -15.82	39.51 2.31 -10.40	38.33 2.53 -6.06	36.33 1.95 -11.77	30.49 2.04 -5.82	27.49 2.03 -4.06	25.59 1.72 -2.59
BARRETT_IC_12 23703	32.84 1.64 -10.94	24.32 1.50 -4.59	23.01 1.39 -4.25	21.90 1.29 -4.06	26.80 1.23 -8.90	31.22 1.39 -10.77	32.28 1.85 -8.94	35.85 1.77 -12.71	36.49 1.79 -13.34	37.53 1.90 -14.21	39.86 1.77 -16.75	40.47 1.84 -17.27	40.68 1.89 -17.04	44.42 1.92 -19.63	44.38 1.97 -18.64	35.25 1.98 -10.84	37.80 2.25 -9.63	43.17 2.21 -15.82	39.51 2.31 -10.40	38.33 2.53 -6.06	36.33 1.95 -11.77	30.49 2.04 -5.82	27.49 2.03 -4.06	25.59 1.72 -2.59
BARRETT_IC_2 23705	32.84 1.64 -10.94	24.32 1.50 -4.59	23.01 1.39 -4.25	21.90 1.29 -4.06	26.80 1.23 -8.90	31.22 1.39 -10.77	32.28 1.85 -8.94	35.85 1.77 -12.71	36.49 1.79 -13.34	37.53 1.90 -14.21	39.86 1.77 -16.75	40.47 1.84 -17.27	40.68 1.89 -17.04	44.42 1.92 -19.63	44.38 1.97 -18.64	35.25 1.98 -10.84	37.80 2.25 -9.63	43.17 2.21 -15.82	39.51 2.31 -10.40	38.33 2.53 -6.06	36.33 1.95 -11.77	30.49 2.04 -5.82	27.49 2.03 -4.06	25.59 1.72 -2.59
BARRETT_IC_3 23706	32.84 1.64 -10.94	24.32 1.50 -4.59	23.01 1.39 -4.25	21.90 1.29 -4.06	26.80 1.23 -8.90	31.22 1.39 -10.77	32.28 1.85 -8.94	35.85 1.77 -12.71	36.49 1.79 -13.34	37.53 1.90 -14.21	39.86 1.77 -16.75	40.47 1.84 -17.27	40.68 1.89 -17.04	44.42 1.92 -19.63	44.38 1.97 -18.64	35.25 1.98 -10.84	37.80 2.25 -9.63	43.17 2.21 -15.82	39.51 2.31 -10.40	38.33 2.53 -6.06	36.33 1.95 -11.77	30.49 2.04 -5.82	27.49 2.03 -4.06	25.59 1.72 -2.59
BARRETT_IC_4 23707	32.84 1.64 -10.94	24.32 1.50 -4.59	23.01 1.39 -4.25	21.90 1.29 -4.06	26.80 1.23 -8.90	31.22 1.39 -10.77	32.28 1.85 -8.94	35.85 1.77 -12.71	36.49 1.79 -13.34	37.53 1.90 -14.21	39.86 1.77 -16.75	40.47 1.84 -17.27	40.68 1.89 -17.04	44.42 1.92 -19.63	44.38 1.97 -18.64	35.25 1.98 -10.84	37.80 2.25 -9.63	43.17 2.21 -15.82	39.51 2.31 -10.40	38.33 2.53 -6.06	36.33 1.95 -11.77	30.49 2.04 -5.82	27.49 2.03 -4.06	25.59 1.72 -2.59
BARRETT_IC_5 23708	32.84 1.64 -10.94	24.32 1.50 -4.59	23.01 1.39 -4.25	21.90 1.29 -4.06	26.80 1.23 -8.90	31.22 1.39 -10.77	32.28 1.85 -8.94	35.85 1.77 -12.71	36.49 1.79 -13.34	37.53 1.90 -14.21	39.86 1.77 -16.75	40.47 1.84 -17.27	40.68 1.89 -17.04	44.42 1.92 -19.63	44.38 1.97 -18.64	35.25 1.98 -10.84	37.80 2.25 -9.63	43.17 2.21 -15.82	39.51 2.31 -10.40	38.33 2.53 -6.06	36.33 1.95 -11.77	30.49 2.04 -5.82	27.49 2.03 -4.06	25.59 1.72 -2.59
BARRETT_IC_6 23709	32.84 1.64 -10.94	24.32 1.50 -4.59	23.01 1.39 -4.25	21.90 1.29 -4.06	26.80 1.23 -8.90	31.22 1.39 -10.77	32.28 1.85 -8.94	35.85 1.77 -12.71	36.49 1.79 -13.34	37.53 1.90 -14.21	39.86 1.77 -16.75	40.47 1.84 -17.27	40.68 1.89 -17.04	44.42 1.92 -19.63	44.38 1.97 -18.64	35.25 1.98 -10.84	37.80 2.25 -9.63	43.17 2.21 -15.82	39.51 2.31 -10.40	38.33 2.53 -6.06	36.33 1.95 -11.77	30.49 2.04 -5.82	27.49 2.03 -4.06	25.59 1.72 -2.59

BARRETT_IC_7 23710	32.86 1.66 -10.94	24.33 1.51 -4.59	23.01 1.39 -4.25	21.90 1.29 -4.06	26.80 1.23 -8.90	31.24 1.41 -10.77	32.28 1.85 -8.94	35.85 1.77 -12.71	36.49 1.79 -13.34	37.38 1.76 -14.21	39.92 1.84 -16.75	40.47 1.84 -17.27	40.68 1.89 -17.04	44.42 1.92 -19.63	44.38 1.97 -18.64	34.73 1.97 -10.32	36.02 2.28 -7.83	41.77 2.19 -14.45	39.12 2.31 -10.01	37.96 2.56 -5.67	33.79 1.94 -9.23	28.81 2.04 -4.13	26.30 2.05 -2.85	24.18 1.62 -1.29
BARRETT_IC_8 23711	32.84 1.64 -10.94	24.32 1.50 -4.59	23.01 1.39 -4.25	21.90 1.29 -4.06	26.80 1.23 -8.90	31.22 1.39 -10.77	32.28 1.85 -8.94	35.85 1.77 -12.71	36.49 1.79 -13.34	37.53 1.90 -14.21	39.86 1.77 -16.75	40.47 1.84 -17.27	40.68 1.89 -17.04	44.42 1.92 -19.63	44.38 1.97 -18.64	35.25 1.98 -10.84	37.80 2.25 -9.63	43.17 2.21 -15.82	39.51 2.31 -10.40	38.33 2.53 -6.06	36.33 1.95 -11.77	30.49 2.04 -5.82	27.49 2.03 -4.06	25.59 1.72 -2.59
BARRETT_IC_9 23700	32.84 1.64 -10.94	24.32 1.50 -4.59	23.01 1.39 -4.25	21.90 1.29 -4.06	26.80 1.23 -8.90	31.22 1.39 -10.77	32.28 1.85 -8.94	35.85 1.77 -12.71	36.49 1.79 -13.34	37.53 1.90 -14.21	39.86 1.77 -16.75	40.47 1.84 -17.27	40.68 1.89 -17.04	44.42 1.92 -19.63	44.38 1.97 -18.64	35.25 1.98 -10.84	37.80 2.25 -9.63	43.17 2.21 -15.82	39.51 2.31 -10.40	38.33 2.53 -6.06	36.33 1.95 -11.77	30.49 2.04 -5.82	27.49 2.03 -4.06	25.59 1.72 -2.59
BARRETT___1 23545	32.84 1.64 -10.94	24.32 1.50 -4.59	23.01 1.39 -4.25	21.90 1.29 -4.06	26.80 1.23 -8.90	31.22 1.39 -10.77	32.28 1.85 -8.94	35.85 1.77 -12.71	36.49 1.79 -13.34	37.53 1.90 -14.21	39.86 1.77 -16.75	40.47 1.84 -17.27	40.68 1.89 -17.04	44.42 1.92 -19.63	44.38 1.97 -18.64	35.25 1.98 -10.84	37.80 2.25 -9.63	43.17 2.21 -15.82	39.51 2.31 -10.40	38.33 2.53 -6.06	36.33 1.95 -11.77	30.49 2.04 -5.82	27.49 2.03 -4.06	25.59 1.72 -2.59
BARRETT___2 23546	32.84 1.64 -10.94	24.32 1.50 -4.59	23.01 1.39 -4.25	21.90 1.29 -4.06	26.80 1.23 -8.90	31.22 1.39 -10.77	32.28 1.85 -8.94	35.85 1.77 -12.71	36.49 1.79 -13.34	37.53 1.90 -14.21	39.86 1.77 -16.75	40.47 1.84 -17.27	40.68 1.89 -17.04	44.42 1.92 -19.63	44.38 1.97 -18.64	35.25 1.98 -10.84	37.80 2.25 -9.63	43.17 2.21 -15.82	39.51 2.31 -10.40	38.33 2.53 -6.06	36.33 1.95 -11.77	30.49 2.04 -5.82	27.49 2.03 -4.06	25.59 1.72 -2.59
BATAVIA___115KV_TB1 55881	20.57 0.30 0.00	18.49 0.26 0.00	17.65 0.28 0.00	16.84 0.30 0.00	16.88 0.22 0.00	19.17 0.11 0.00	21.66 0.04 -0.13	21.31 -0.11 -0.05	21.19 -0.21 -0.04	21.56 -0.04 -0.20	21.34 0.00 0.00	21.38 0.02 0.00	21.95 0.20 0.00	22.91 0.05 0.00	23.76 0.00 0.00	22.87 0.40 -0.03	26.10 0.18 0.00	25.56 0.25 -0.17	26.81 -0.03 -0.03	29.84 0.00 -0.10	23.16 0.05 -0.50	22.80 0.14 -0.03	21.70 0.30 0.00	21.55 0.28 0.00
BAYONEEC___CTG1 323682	21.68 1.42 0.00	19.55 1.31 0.00	18.57 1.20 0.00	17.65 1.11 0.00	17.68 1.02 0.00	20.18 1.12 0.00	26.42 1.70 -3.24	30.67 1.67 -7.64	31.89 1.69 -8.84	31.52 1.58 -8.53	32.40 1.60 -9.46	32.41 1.67 -9.38	30.98 1.72 -7.51	31.78 1.76 -7.15	31.68 1.83 -6.09	31.93 1.73 -7.76	32.41 1.97 -4.52	32.47 1.94 -5.39	32.40 2.01 -3.58	32.40 2.17 -0.49	31.00 1.72 -6.67	26.89 1.81 -2.44	24.85 1.80 -1.66	22.64 1.36 0.00
BAYONEEC___CTG10 323750	21.68 1.42 0.00	19.55 1.31 0.00	18.57 1.20 0.00	17.65 1.11 0.00	17.68 1.02 0.00	20.18 1.12 0.00	26.42 1.70 -3.24	30.67 1.67 -7.64	31.89 1.69 -8.84	31.52 1.58 -8.53	32.40 1.60 -9.46	32.41 1.67 -9.38	30.98 1.72 -7.51	31.78 1.76 -7.15	31.68 1.83 -6.09	31.93 1.73 -7.76	32.41 1.97 -4.52	32.47 1.94 -5.39	32.40 2.01 -3.58	32.40 2.17 -0.49	31.00 1.72 -6.67	26.89 1.81 -2.44	24.85 1.80 -1.66	22.64 1.36 0.00
BAYONEEC___CTG2 323683	21.68 1.42 0.00	19.55 1.31 0.00	18.57 1.20 0.00	17.65 1.11 0.00	17.68 1.02 0.00	20.18 1.12 0.00	26.42 1.70 -3.24	30.67 1.67 -7.64	31.89 1.69 -8.84	31.52 1.58 -8.53	32.40 1.60 -9.46	32.41 1.67 -9.38	30.98 1.72 -7.51	31.78 1.76 -7.15	31.68 1.83 -6.09	31.93 1.73 -7.76	32.41 1.97 -4.52	32.47 1.94 -5.39	32.40 2.01 -3.58	32.40 2.17 -0.49	31.00 1.72 -6.67	26.89 1.81 -2.44	24.85 1.80 -1.66	22.64 1.36 0.00
BAYONEEC___CTG3 323684	21.68 1.42 0.00	19.55 1.31 0.00	18.57 1.20 0.00	17.65 1.11 0.00	17.68 1.02 0.00	20.18 1.12 0.00	26.42 1.70 -3.24	30.67 1.67 -7.64	31.89 1.69 -8.84	31.52 1.58 -8.53	32.40 1.60 -9.46	32.41 1.67 -9.38	30.98 1.72 -7.51	31.78 1.76 -7.15	31.68 1.83 -6.09	31.93 1.73 -7.76	32.41 1.97 -4.52	32.47 1.94 -5.39	32.40 2.01 -3.58	32.40 2.17 -0.49	31.00 1.72 -6.67	26.89 1.81 -2.44	24.85 1.80 -1.66	22.64 1.36 0.00
BAYONEEC___CTG4 323685	21.68 1.42 0.00	19.55 1.31 0.00	18.57 1.20 0.00	17.65 1.11 0.00	17.68 1.02 0.00	20.18 1.12 0.00	26.42 1.70 -3.24	30.67 1.67 -7.64	31.89 1.69 -8.84	31.52 1.58 -8.53	32.40 1.60 -9.46	32.41 1.67 -9.38	30.98 1.72 -7.51	31.78 1.76 -7.15	31.68 1.83 -6.09	31.93 1.73 -7.76	32.41 1.97 -4.52	32.47 1.94 -5.39	32.40 2.01 -3.58	32.40 2.17 -0.49	31.00 1.72 -6.67	26.89 1.81 -2.44	24.85 1.80 -1.66	22.64 1.36 0.00
BAYONEEC___CTG5 323686	21.68 1.42 0.00	19.55 1.31 0.00	18.57 1.20 0.00	17.65 1.11 0.00	17.68 1.02 0.00	20.18 1.12 0.00	26.42 1.70 -3.24	30.67 1.67 -7.64	31.89 1.69 -8.84	31.52 1.58 -8.53	32.40 1.60 -9.46	32.41 1.67 -9.38	30.98 1.72 -7.51	31.78 1.76 -7.15	31.68 1.83 -6.09	31.93 1.73 -7.76	32.41 1.97 -4.52	32.47 1.94 -5.39	32.40 2.01 -3.58	32.40 2.17 -0.49	31.00 1.72 -6.67	26.89 1.81 -2.44	24.85 1.80 -1.66	22.64 1.36 0.00
BAYONEEC___CTG6 323687	21.68 1.42 0.00	19.55 1.31 0.00	18.57 1.20 0.00	17.65 1.11 0.00	17.68 1.02 0.00	20.18 1.12 0.00	26.42 1.70 -3.24	30.67 1.67 -7.64	31.89 1.69 -8.84	31.52 1.58 -8.53	32.40 1.60 -9.46	32.41 1.67 -9.38	30.98 1.72 -7.51	31.78 1.76 -7.15	31.68 1.83 -6.09	31.93 1.73 -7.76	32.41 1.97 -4.52	32.47 1.94 -5.39	32.40 2.01 -3.58	32.40 2.17 -0.49	31.00 1.72 -6.67	26.89 1.81 -2.44	24.85 1.80 -1.66	22.64 1.36 0.00
BAYONEEC___CTG7 323688	21.68 1.42 0.00	19.55 1.31 0.00	18.57 1.20 0.00	17.65 1.11 0.00	17.68 1.02 0.00	20.18 1.12 0.00	26.42 1.70 -3.24	30.67 1.67 -7.64	31.89 1.69 -8.84	31.52 1.58 -8.53	32.40 1.60 -9.46	32.41 1.67 -9.38	30.98 1.72 -7.51	31.78 1.76 -7.15	31.68 1.83 -6.09	31.93 1.73 -7.76	32.41 1.97 -4.52	32.47 1.94 -5.39	32.40 2.01 -3.58	32.40 2.17 -0.49	31.00 1.72 -6.67	26.89 1.81 -2.44	24.85 1.80 -1.66	22.64 1.36 0.00
BAYONEEC___CTG8 323689	21.68 1.42 0.00	19.55 1.31 0.00	18.57 1.20 0.00	17.65 1.11 0.00	17.68 1.02 0.00	20.18 1.12 0.00	26.42 1.70 -3.24	30.67 1.67 -7.64	31.89 1.69 -8.84	31.52 1.58 -8.53	32.40 1.60 -9.46	32.41 1.67 -9.38	30.98 1.72 -7.51	31.78 1.76 -7.15	31.68 1.83 -6.09	31.93 1.73 -7.76	32.41 1.97 -4.52	32.47 1.94 -5.39	32.40 2.01 -3.58	32.40 2.17 -0.49	31.00 1.72 -6.67	26.89 1.81 -2.44	24.85 1.80 -1.66	22.64 1.36 0.00

BAYONEEC___CTG9 323749	21.68 1.42 0.00	19.55 1.31 0.00	18.57 1.20 0.00	17.65 1.11 0.00	17.68 1.02 0.00	20.18 1.12 0.00	26.42 1.70 -3.24	30.67 1.67 -7.64	31.89 1.69 -8.84	31.52 1.58 -8.53	32.40 1.60 -9.46	32.41 1.67 -9.38	30.98 1.72 -7.51	31.78 1.76 -7.15	31.68 1.83 -6.09	31.93 1.73 -7.76	32.41 1.97 -4.52	32.47 1.94 -5.39	32.40 2.01 -3.58	32.40 2.17 -0.49	31.00 1.72 -6.67	26.89 1.81 -2.44	24.85 1.80 -1.66	22.64 1.36 0.00
BEACON___LESR 323632	20.83 0.57 0.00	18.73 0.49 0.00	17.89 0.52 0.00	17.01 0.46 0.00	17.21 0.55 0.00	19.71 0.65 0.00	24.37 0.75 -2.13	28.73 0.77 -6.60	29.04 0.79 -6.88	26.52 0.79 -4.31	25.78 0.79 -3.65	25.71 0.88 -3.47	25.48 0.89 -2.84	26.53 0.92 -2.75	26.76 0.95 -2.04	26.92 0.90 -3.58	28.76 1.06 -1.78	32.29 0.93 -6.22	31.01 1.04 -3.15	32.37 1.13 -1.50	29.28 0.86 -5.81	24.56 0.88 -1.04	22.78 0.73 -0.65	21.74 0.47 0.00
BEAVER RIVER___HYD 24048	20.24 -0.02 0.00	18.27 0.04 0.00	17.42 0.05 0.00	16.66 0.12 0.00	16.80 0.13 0.00	19.21 0.15 0.00	21.74 0.21 -0.04	21.70 0.19 -0.14	21.67 0.15 -0.15	21.59 0.13 -0.05	21.39 0.04 0.00	21.45 0.09 0.00	21.82 0.07 0.00	22.98 0.11 0.00	24.02 0.26 0.00	22.65 0.20 -0.01	26.38 0.47 0.00	25.65 0.45 -0.05	27.38 0.56 -0.01	30.45 0.68 -0.03	23.23 0.48 -0.14	23.12 0.48 -0.01	21.85 0.45 0.00	21.74 0.47 0.00
BEEBEE_GT_13 23619	20.37 0.10 0.00	18.31 0.07 0.00	17.46 0.09 0.00	16.66 0.12 0.00	16.75 0.08 0.00	19.08 0.02 0.00	21.83 0.24 -0.11	21.91 0.11 -0.44	21.79 -0.04 -0.47	21.81 0.24 -0.16	21.38 0.04 0.00	21.45 0.09 0.00	21.92 0.17 0.00	22.98 0.11 0.00	23.83 0.07 0.00	22.75 0.29 -0.02	26.05 0.13 0.00	25.71 0.43 -0.14	26.97 0.13 -0.02	30.09 0.27 -0.08	23.23 0.20 -0.41	22.75 0.09 -0.02	21.52 0.13 0.00	21.38 0.11 0.00
BENSHRST_27_KV_BENSHRST_1 355998	21.97 1.70 0.00	19.78 1.55 0.00	18.79 1.42 0.00	17.85 1.31 0.00	17.90 1.23 0.00	20.39 1.33 0.00	26.64 1.91 -3.24	30.88 1.88 -7.64	32.12 1.92 -8.84	31.80 1.86 -8.53	32.79 1.98 -9.47	35.07 2.01 -11.69	33.15 2.04 -9.35	35.08 2.15 -10.06	34.12 2.21 -8.15	34.34 2.11 -9.79	34.35 2.41 -6.02	40.51 2.31 -13.05	38.91 2.49 -9.61	37.76 2.74 -5.28	31.30 2.01 -6.67	27.17 2.08 -2.44	25.13 2.08 -1.66	22.81 1.53 0.00
BETHLEHEM___GRP 23843	20.55 0.28 0.00	18.49 0.26 0.00	17.67 0.30 0.00	16.81 0.26 0.00	16.98 0.32 0.00	19.44 0.38 0.00	24.00 0.39 -2.13	28.36 0.41 -6.59	28.64 0.38 -6.89	26.13 0.41 -4.31	25.42 0.45 -3.63	25.28 0.45 -3.46	25.03 0.46 -2.83	26.09 0.48 -2.74	26.31 0.50 -2.04	26.49 0.47 -3.57	28.25 0.54 -1.79	31.83 0.50 -6.19	30.50 0.54 -3.16	31.86 0.59 -1.53	28.88 0.45 -5.81	24.13 0.45 -1.04	22.43 0.39 -0.65	21.34 0.06 0.00
BETHLEHEM___GS1 323560	20.55 0.28 0.00	18.49 0.26 0.00	17.67 0.30 0.00	16.81 0.26 0.00	16.98 0.32 0.00	19.42 0.36 0.00	24.02 0.41 -2.13	28.36 0.40 -6.59	28.66 0.40 -6.89	26.12 0.41 -4.31	25.38 0.40 -3.63	25.28 0.45 -3.46	25.04 0.46 -2.83	26.09 0.48 -2.74	26.31 0.50 -2.04	26.49 0.47 -3.57	28.25 0.55 -1.79	31.81 0.48 -6.19	30.50 0.54 -3.16	31.86 0.59 -1.53	28.87 0.45 -5.81	24.13 0.45 -1.04	22.41 0.36 -0.65	21.43 0.15 0.00
BETHLEHEM___GS2 323561	20.55 0.28 0.00	18.49 0.26 0.00	17.67 0.30 0.00	16.81 0.26 0.00	16.98 0.32 0.00	19.42 0.36 0.00	24.02 0.41 -2.13	28.36 0.40 -6.59	28.66 0.40 -6.89	26.12 0.41 -4.31	25.38 0.40 -3.63	25.28 0.45 -3.46	25.04 0.46 -2.83	26.09 0.48 -2.74	26.31 0.50 -2.04	26.49 0.47 -3.57	28.25 0.55 -1.79	31.81 0.48 -6.19	30.50 0.54 -3.16	31.86 0.59 -1.53	28.87 0.45 -5.81	24.13 0.45 -1.04	22.41 0.36 -0.65	21.43 0.15 0.00
BETHLEHEM___GS3 323562	20.55 0.28 0.00	18.49 0.26 0.00	17.67 0.30 0.00	16.81 0.26 0.00	16.98 0.32 0.00	19.42 0.36 0.00	24.02 0.41 -2.13	28.36 0.40 -6.59	28.66 0.40 -6.89	26.12 0.41 -4.31	25.38 0.40 -3.63	25.28 0.45 -3.46	25.04 0.46 -2.83	26.09 0.48 -2.74	26.31 0.50 -2.04	26.49 0.47 -3.57	28.25 0.55 -1.79	31.81 0.48 -6.19	30.50 0.54 -3.16	31.86 0.59 -1.53	28.87 0.45 -5.81	24.13 0.45 -1.04	22.41 0.36 -0.65	21.43 0.15 0.00
BETHLEHEM___STEEL 23779	20.45 0.18 0.00	18.42 0.18 0.00	17.56 0.19 0.00	16.71 0.17 0.00	16.75 0.08 0.00	19.06 0.00 0.00	21.15 -0.49 -0.16	20.58 -0.58 0.21	20.64 -0.47 0.25	21.02 -0.62 -0.23	21.21 -0.13 0.00	21.24 -0.13 0.00	21.88 0.13 0.00	22.73 -0.14 0.00	23.60 -0.17 0.00	22.72 0.25 -0.03	25.99 0.08 0.00	25.04 -0.30 -0.21	26.41 -0.43 -0.03	29.17 -0.68 -0.12	22.77 -0.43 -0.59	22.63 -0.05 -0.03	21.63 0.24 0.00	21.60 0.32 0.00
BETHLHEM_115KV_TB1 79974	20.61 0.34 0.00	18.54 0.31 0.00	17.72 0.35 0.00	16.86 0.31 0.00	17.01 0.35 0.00	19.48 0.42 0.00	24.06 0.45 -2.13	28.42 0.47 -6.59	28.70 0.45 -6.89	26.19 0.47 -4.31	25.48 0.51 -3.62	25.34 0.51 -3.47	25.10 0.52 -2.83	26.16 0.55 -2.74	26.39 0.57 -2.05	26.55 0.54 -3.58	28.33 0.62 -1.80	31.90 0.58 -6.18	30.59 0.62 -3.17	31.98 0.68 -1.56	28.94 0.52 -5.81	24.20 0.52 -1.04	22.49 0.45 -0.65	21.40 0.13 0.00
BETHPAGE_CC_5 323564	33.04 1.84 -10.94	24.52 1.70 -4.59	23.18 1.56 -4.25	22.06 1.46 -4.06	26.97 1.40 -8.90	31.37 1.54 -10.77	32.47 2.04 -8.94	36.07 1.99 -12.72	36.71 2.01 -13.34	37.89 2.27 -14.21	40.05 1.96 -16.75	40.66 2.03 -17.27	40.88 2.09 -17.04	44.61 2.10 -19.63	44.59 2.18 -18.64	35.56 2.18 -10.94	38.10 2.49 -9.70	43.47 2.41 -15.91	40.46 2.52 -11.13	39.24 2.73 -6.77	36.60 2.13 -11.86	30.79 2.33 -5.82	27.83 2.37 -4.06	25.89 2.02 -2.59
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	20.51 0.24 0.00	18.47 0.24 0.00	17.61 0.24 0.00	16.76 0.22 0.00	16.80 0.13 0.00	19.10 0.04 0.00	21.08 -0.56 -0.16	20.62 -0.58 0.17	20.75 -0.41 0.20	20.98 -0.66 -0.23	21.28 -0.06 0.00	21.32 -0.04 0.00	21.97 0.22 0.00	22.82 -0.05 0.00	23.69 -0.07 0.00	22.79 0.31 -0.03	26.12 0.21 0.00	25.02 -0.33 -0.21	26.44 -0.40 -0.03	29.14 -0.71 -0.12	22.76 -0.45 -0.59	22.67 0.00 -0.03	21.72 0.32 0.00	21.68 0.40 0.00
BINGHAMTON___COGEN 23790	20.73 0.47 0.00	18.65 0.42 0.00	17.77 0.40 0.00	16.94 0.40 0.00	17.05 0.38 0.00	19.48 0.42 0.00	22.24 0.45 -0.30	23.02 0.41 -1.25	23.16 0.47 -1.33	22.23 0.36 -0.45	21.85 0.51 0.00	21.85 0.49 0.00	22.36 0.61 0.00	23.46 0.59 0.00	24.38 0.62 0.00	23.04 0.54 -0.06	26.59 0.67 0.00	26.03 0.50 -0.39	27.38 0.51 -0.06	30.43 0.48 -0.22	24.09 0.36 -1.11	23.18 0.48 -0.06	21.91 0.51 0.00	21.70 0.43 0.00
BIXINCNT_115KV_LOAD 355685	20.43 0.16 0.00	18.38 0.15 0.00	17.58 0.21 0.00	16.71 0.17 0.00	16.73 0.07 0.00	19.04 -0.02 0.00	20.79 -0.86 -0.16	20.74 -0.70 -0.08	21.00 -0.43 -0.06	20.73 -0.92 -0.24	21.30 -0.04 0.00	21.34 -0.02 0.00	22.10 0.35 0.00	22.94 0.07 0.00	23.88 0.12 0.00	22.97 0.49 -0.03	26.46 0.54 0.00	25.03 -0.33 -0.22	26.60 -0.24 -0.03	29.21 -0.65 -0.12	22.81 -0.43 -0.62	22.85 0.18 -0.03	21.91 0.51 0.00	21.87 0.60 0.00

BLACK RIVER___HYD 24047	20.87 0.61 0.00	18.80 0.57 0.00	17.91 0.54 0.00	17.16 0.61 0.00	17.26 0.60 0.00	19.74 0.69 0.00	22.42 0.88 -0.06	22.43 0.83 -0.23	22.40 0.79 -0.25	22.22 0.73 -0.08	21.96 0.62 0.00	22.07 0.70 0.00	22.43 0.67 0.00	23.58 0.71 0.00	24.55 0.78 0.00	23.08 0.63 -0.01	26.75 0.83 0.00	26.07 0.86 -0.07	27.84 1.02 -0.01	30.99 1.22 -0.04	23.68 0.88 -0.19	23.49 0.84 -0.01	22.15 0.75 0.00	22.08 0.81 0.00
BLACKRVR_115KV_TB2 79977	20.87 0.61 0.00	18.80 0.57 0.00	17.91 0.54 0.00	17.16 0.61 0.00	17.26 0.60 0.00	19.74 0.69 0.00	22.42 0.88 -0.06	22.43 0.83 -0.23	22.38 0.77 -0.25	22.26 0.77 -0.08	21.98 0.64 0.00	22.07 0.70 0.00	22.40 0.65 0.00	23.58 0.71 0.00	24.55 0.78 0.00	23.08 0.63 -0.01	26.75 0.83 0.00	26.07 0.85 -0.07	27.92 1.10 -0.01	31.00 1.22 -0.04	23.72 0.90 -0.20	23.53 0.88 -0.01	22.23 0.83 0.00	22.06 0.79 0.00
BLISS_WT_PWR 323608	20.39 0.12 0.00	18.36 0.13 0.00	17.53 0.16 0.00	16.66 0.12 0.00	16.68 0.02 0.00	19.04 -0.02 0.00	20.75 -0.90 -0.16	20.67 -0.77 -0.08	20.95 -0.47 -0.06	20.58 -1.07 -0.24	20.47 -0.88 0.00	21.28 -0.09 0.00	22.05 0.30 0.00	22.91 0.05 0.00	23.83 0.07 0.00	22.88 0.40 -0.03	26.10 0.18 0.00	25.66 0.30 -0.22	26.25 -0.59 -0.03	28.70 -1.16 -0.12	22.51 -0.70 -0.60	22.92 0.25 -0.03	21.85 0.45 0.00	21.98 0.70 0.00
BLUESTONE___WT_PWR 323821	21.48 1.22 0.00	19.35 1.11 0.00	18.40 1.02 0.00	17.59 1.04 0.00	17.68 1.02 0.00	20.24 1.18 0.00	23.25 1.42 -0.35	24.19 1.41 -1.42	24.32 1.45 -1.50	23.25 1.33 -0.51	22.60 1.26 0.00	22.75 1.39 0.00	23.16 1.41 0.00	24.33 1.46 0.00	25.31 1.54 0.00	23.88 1.37 -0.07	27.73 1.81 0.00	27.37 1.79 -0.45	28.67 1.80 -0.07	31.91 1.93 -0.24	25.32 1.47 -1.23	24.22 1.52 -0.07	22.83 1.43 0.00	22.68 1.40 0.00
BLUE_CIRC_CHEM_DRP 24182	20.91 0.65 0.00	18.80 0.57 0.00	17.93 0.56 0.00	17.06 0.51 0.00	17.25 0.58 0.00	19.74 0.69 0.00	24.36 0.73 -2.14	28.64 0.73 -6.55	29.01 0.73 -6.92	26.59 0.75 -4.43	25.91 0.79 -3.78	25.85 0.81 -3.68	25.57 0.83 -2.99	26.63 0.85 -2.91	26.90 0.90 -2.23	27.07 0.85 -3.78	28.87 0.98 -1.97	32.38 0.91 -6.34	31.22 0.99 -3.42	32.59 1.07 -1.78	29.20 0.81 -5.77	24.56 0.84 -1.08	22.80 0.73 -0.67	21.72 0.45 0.00
BOC_GAS_DRP 24189	20.79 0.53 0.00	18.71 0.47 0.00	17.84 0.47 0.00	16.96 0.41 0.00	17.11 0.45 0.00	19.57 0.51 0.00	24.22 0.62 -2.11	28.51 0.60 -6.55	28.88 0.60 -6.92	26.33 0.60 -4.32	25.56 0.64 -3.58	25.48 0.64 -3.48	25.25 0.67 -2.83	26.30 0.69 -2.75	26.57 0.71 -2.10	26.72 0.70 -3.59	28.57 0.80 -1.85	32.01 0.75 -6.12	30.85 0.80 -3.24	32.34 0.89 -1.72	29.05 0.66 -5.78	24.36 0.68 -1.04	22.66 0.62 -0.64	21.62 0.34 0.00
BOONVILLE_115KV_TB1 79983	20.49 0.22 0.00	18.45 0.22 0.00	17.60 0.23 0.00	16.81 0.26 0.00	16.91 0.25 0.00	19.36 0.30 0.00	21.93 0.41 -0.03	21.89 0.38 -0.14	21.90 0.38 -0.15	21.85 0.39 -0.05	21.64 0.30 0.00	21.68 0.32 0.00	22.05 0.30 0.00	23.21 0.34 0.00	24.21 0.45 0.00	22.83 0.38 -0.01	26.51 0.60 0.00	25.74 0.55 -0.04	27.51 0.70 -0.01	30.51 0.74 -0.03	23.29 0.54 -0.14	23.19 0.54 -0.01	21.93 0.53 0.00	21.77 0.49 0.00
BORALEX_4TH_BRANCH 23824	21.18 0.91 0.00	19.09 0.86 0.00	18.17 0.80 0.00	17.27 0.73 0.00	17.48 0.82 0.00	20.03 0.97 0.00	24.79 1.12 -2.19	29.18 1.13 -6.69	29.23 1.15 -6.72	26.80 1.11 -4.28	26.40 1.17 -3.88	26.00 1.17 -3.46	25.81 1.20 -2.86	26.84 1.23 -2.74	26.89 1.28 -1.85	27.23 1.23 -3.55	28.92 1.45 -1.55	33.04 1.38 -6.52	31.15 1.47 -2.87	32.14 1.61 -0.79	29.73 1.22 -5.89	24.87 1.20 -1.03	23.15 1.05 -0.71	21.96 0.68 0.00
BOWLINE___1 23526	21.48 1.22 0.00	19.35 1.11 0.00	18.40 1.02 0.00	17.49 0.94 0.00	17.55 0.88 0.00	20.05 0.99 0.00	26.49 1.44 -3.57	30.79 1.39 -8.04	32.04 1.39 -9.29	32.33 1.35 -9.57	33.77 1.37 -11.06	34.31 1.41 -11.54	32.46 1.46 -9.26	33.53 1.53 -9.13	32.92 1.57 -7.59	35.26 1.53 -11.30	34.58 1.76 -6.90	41.85 1.73 -14.97	39.58 1.77 -11.00	37.43 1.96 -5.73	31.11 1.49 -7.00	26.99 1.56 -2.79	24.83 1.50 -1.94	22.45 1.17 0.00
BOWLINE___2 23595	21.48 1.22 0.00	19.35 1.11 0.00	18.40 1.02 0.00	17.49 0.94 0.00	17.55 0.88 0.00	20.05 0.99 0.00	26.49 1.44 -3.56	30.79 1.39 -8.04	32.03 1.39 -9.28	32.32 1.35 -9.56	33.75 1.37 -11.04	34.30 1.41 -11.53	32.45 1.46 -9.25	33.52 1.53 -9.12	32.94 1.59 -7.58	35.25 1.53 -11.29	34.58 1.76 -6.90	41.83 1.73 -14.96	39.57 1.77 -10.99	37.42 1.96 -5.72	31.11 1.49 -7.00	26.99 1.56 -2.79	24.83 1.50 -1.94	22.45 1.17 0.00
BRADY___115KV_TB2 356060	19.98 -0.28 0.00	18.00 -0.24 0.00	17.16 -0.21 0.00	16.34 -0.20 0.00	16.46 -0.20 0.00	18.85 -0.21 0.00	21.16 -0.32 0.00	21.04 -0.32 0.00	21.02 -0.34 0.00	21.07 -0.34 0.00	21.04 -0.30 0.00	21.04 -0.32 0.00	21.40 -0.35 0.00	22.57 -0.30 0.00	23.45 -0.31 0.00	22.17 -0.27 0.00	25.61 -0.31 0.00	24.84 -0.30 0.00	26.51 -0.29 0.00	29.41 -0.33 0.00	22.39 -0.23 0.00	22.43 -0.20 0.00	21.18 -0.21 0.00	21.15 -0.13 0.00
BRANSCOMB___SOLAR 323811	21.42 1.15 0.00	19.25 1.02 0.00	18.33 0.95 0.00	17.42 0.88 0.00	17.66 1.00 0.00	20.24 1.18 0.00	25.00 1.38 -2.14	29.44 1.41 -6.67	29.68 1.41 -6.91	27.10 1.43 -4.25	26.33 1.43 -3.56	26.17 1.47 -3.34	25.92 1.44 -2.73	26.97 1.46 -2.64	27.23 1.54 -1.93	27.33 1.44 -3.45	29.22 1.63 -1.67	32.76 1.48 -6.14	31.57 1.77 -2.99	32.99 1.90 -1.35	30.00 1.52 -5.87	25.17 1.52 -1.01	23.39 1.35 -0.64	22.36 1.08 0.00
BRENTWOD_69_KV_W. BRTWOOD 56703	33.47 2.27 -10.94	24.88 2.06 -4.59	23.56 1.95 -4.25	22.43 1.82 -4.06	27.32 1.75 -8.90	31.85 2.02 -10.77	33.09 2.66 -8.94	36.71 2.63 -12.72	37.34 2.63 -13.35	38.22 2.59 -14.22	40.80 2.71 -16.75	41.33 2.69 -17.27	41.55 2.76 -17.04	45.30 2.79 -19.64	45.33 2.92 -18.65	36.91 2.78 -11.69	37.74 3.11 -8.72	43.81 3.02 -15.65	49.48 3.22 -19.45	48.09 3.54 -14.81	35.71 2.69 -10.41	29.74 2.97 -4.14	27.17 2.91 -2.86	25.02 2.45 -1.30
BRISTLHL_115KV_TB1 79998	20.61 0.34 0.00	18.53 0.29 0.00	17.65 0.28 0.00	16.86 0.31 0.00	17.00 0.33 0.00	19.42 0.36 0.00	22.06 0.49 -0.08	22.22 0.53 -0.32	22.26 0.56 -0.34	22.10 0.58 -0.12	21.88 0.53 0.00	21.88 0.51 0.00	22.27 0.52 0.00	23.37 0.50 0.00	24.28 0.52 0.00	22.86 0.40 -0.02	26.43 0.52 0.00	25.90 0.65 -0.10	27.34 0.51 -0.02	30.36 0.56 -0.06	23.35 0.43 -0.31	23.06 0.41 -0.02	21.76 0.36 0.00	21.70 0.43 0.00
BROOKHAVEN___DRP 24191	33.45 2.25 -10.94	24.90 2.08 -4.59	23.58 1.96 -4.25	22.43 1.82 -4.06	27.32 1.75 -8.90	31.87 2.04 -10.77	33.12 2.69 -8.94	36.72 2.63 -12.73	37.38 2.63 -13.39	38.24 2.57 -14.26	40.77 2.67 -16.76	41.33 2.69 -17.28	41.56 2.76 -17.05	45.30 2.79 -19.64	45.31 2.90 -18.65	41.84 2.81 -16.59	41.03 3.21 -11.90	48.22 3.12 -19.96	83.37 3.30 -53.27	80.90 3.63 -47.53	40.00 2.76 -14.63	29.80 3.01 -4.15	27.26 3.00 -2.87	25.08 2.51 -1.30

BROOKLYN_NAVY_YARD 23515	21.74 1.48 0.00	19.60 1.37 0.00	18.62 1.25 0.00	17.70 1.16 0.00	17.73 1.07 0.00	20.24 1.18 0.00	26.49 1.76 -3.24	30.76 1.75 -7.64	31.95 1.75 -8.84	31.61 1.67 -8.53	32.49 1.69 -9.47	33.09 1.77 -9.96	31.53 1.80 -7.97	32.62 1.88 -7.88	32.32 1.95 -6.60	33.98 1.75 -9.79	33.93 2.00 -6.02	40.16 1.96 -13.05	38.45 2.04 -9.61	37.22 2.20 -5.28	31.02 1.74 -6.67	26.89 1.81 -2.44	24.87 1.82 -1.66	22.66 1.38 0.00
BROOKLYN___ARMY_DRP 323595	21.88 1.62 0.00	19.71 1.48 0.00	18.73 1.35 0.00	17.78 1.24 0.00	17.83 1.17 0.00	20.32 1.26 0.00	26.55 1.83 -3.24	30.80 1.79 -7.64	32.04 1.84 -8.84	31.71 1.78 -8.53	32.69 1.88 -9.47	34.96 1.90 -11.69	33.04 1.94 -9.35	34.97 2.04 -10.06	34.00 2.09 -8.15	34.23 2.00 -9.79	34.25 2.31 -6.02	40.38 2.19 -13.05	38.75 2.33 -9.61	37.61 2.59 -5.28	31.19 1.90 -6.67	27.08 1.99 -2.44	25.02 1.97 -1.66	22.72 1.45 0.00
BROOKVLE_69_KV_TB1 55790	33.06 1.86 -10.94	24.50 1.68 -4.59	23.18 1.56 -4.25	22.05 1.44 -4.06	26.97 1.40 -8.90	31.43 1.60 -10.77	32.56 2.13 -8.94	36.17 2.09 -12.72	36.84 2.14 -13.34	37.72 2.10 -14.21	40.27 2.18 -16.75	40.81 2.18 -17.27	41.03 2.24 -17.04	44.81 2.31 -19.63	44.78 2.38 -18.64	34.98 2.22 -10.32	36.31 2.57 -7.83	42.03 2.44 -14.45	39.39 2.57 -10.01	38.23 2.82 -5.67	34.02 2.17 -9.23	29.01 2.24 -4.13	26.43 2.18 -2.85	24.25 1.68 -1.29
BROOME_2_LFGE 323671	20.75 0.49 0.00	18.65 0.42 0.00	17.77 0.40 0.00	16.94 0.40 0.00	17.05 0.38 0.00	19.50 0.44 0.00	22.24 0.45 -0.30	23.02 0.40 -1.25	23.16 0.47 -1.33	22.19 0.32 -0.45	21.70 0.36 0.00	21.86 0.49 0.00	22.36 0.61 0.00	23.46 0.59 0.00	24.38 0.62 0.00	23.02 0.52 -0.06	26.51 0.60 0.00	26.16 0.63 -0.40	27.30 0.43 -0.06	30.31 0.36 -0.21	23.98 0.29 -1.07	23.15 0.45 -0.06	21.89 0.49 0.00	21.77 0.49 0.00
BROOME___LFGE 323600	20.75 0.49 0.00	18.65 0.42 0.00	17.77 0.40 0.00	16.94 0.40 0.00	17.05 0.38 0.00	19.50 0.44 0.00	22.24 0.45 -0.30	23.02 0.40 -1.25	23.16 0.47 -1.33	22.19 0.32 -0.45	21.70 0.36 0.00	21.86 0.49 0.00	22.36 0.61 0.00	23.46 0.59 0.00	24.38 0.62 0.00	23.02 0.52 -0.06	26.51 0.60 0.00	26.16 0.63 -0.40	27.30 0.43 -0.06	30.31 0.36 -0.21	23.98 0.29 -1.07	23.15 0.45 -0.06	21.89 0.49 0.00	21.77 0.49 0.00
BROWNFLS_115KV_TB_3_5 80003	20.08 -0.18 0.00	18.11 -0.13 0.00	17.27 -0.10 0.00	16.48 -0.07 0.00	16.61 -0.05 0.00	19.02 -0.04 0.00	21.45 -0.06 -0.02	21.38 -0.09 -0.10	21.36 -0.11 -0.11	21.34 -0.11 -0.04	21.21 -0.13 0.00	21.24 -0.13 0.00	21.60 -0.15 0.00	22.78 -0.09 0.00	23.76 0.00 0.00	22.40 -0.04 -0.01	25.97 0.05 0.00	25.20 0.03 -0.03	26.92 0.11 -0.01	29.88 0.12 -0.02	22.81 0.09 -0.11	22.78 0.14 -0.01	21.57 0.17 0.00	21.47 0.19 0.00
BROWNSV1_27_KV_LOAD 356125	21.86 1.60 0.00	19.69 1.46 0.00	18.71 1.34 0.00	17.78 1.24 0.00	17.81 1.15 0.00	20.35 1.30 0.00	26.59 1.87 -3.24	30.86 1.86 -7.64	32.08 1.88 -8.84	31.76 1.82 -8.53	32.69 1.88 -9.47	33.22 1.90 -9.96	31.66 1.94 -7.97	32.76 2.01 -7.88	32.46 2.09 -6.60	34.20 1.97 -9.79	34.19 2.25 -6.02	40.38 2.19 -13.05	38.72 2.31 -9.61	37.58 2.56 -5.28	31.23 1.94 -6.67	27.10 2.01 -2.44	25.04 1.99 -1.66	22.70 1.43 0.00
BURROWS___LYONSDAL 23803	20.41 0.14 0.00	18.40 0.16 0.00	17.54 0.17 0.00	16.76 0.22 0.00	16.88 0.22 0.00	19.33 0.27 0.00	21.88 0.37 -0.03	21.85 0.34 -0.14	21.83 0.32 -0.15	21.78 0.32 -0.05	21.58 0.23 0.00	21.62 0.26 0.00	21.99 0.24 0.00	23.17 0.30 0.00	24.19 0.43 0.00	22.81 0.36 -0.01	26.51 0.60 0.00	25.71 0.53 -0.04	27.51 0.70 -0.01	30.51 0.74 -0.03	23.32 0.57 -0.14	23.21 0.57 -0.01	21.93 0.53 0.00	21.77 0.49 0.00
CAITHNESS_CC_1 323624	33.41 2.21 -10.94	24.86 2.04 -4.59	23.53 1.91 -4.25	22.40 1.79 -4.06	27.28 1.72 -8.90	31.79 1.96 -10.77	33.05 2.62 -8.94	36.66 2.56 -12.73	37.31 2.56 -13.39	38.50 2.83 -14.26	40.64 2.54 -16.76	41.27 2.63 -17.28	41.49 2.70 -17.05	45.23 2.72 -19.64	45.24 2.83 -18.65	42.23 2.71 -17.07	42.67 3.08 -13.67	49.50 3.07 -21.30	83.36 3.19 -53.36	80.85 3.48 -47.64	42.42 2.67 -17.14	31.41 2.94 -5.83	28.38 2.91 -4.07	26.45 2.57 -2.60
CALPINE BETH_PAGE_GT4 24209	32.98 1.78 -10.94	24.44 1.62 -4.59	23.13 1.51 -4.25	22.00 1.39 -4.06	26.90 1.33 -8.90	31.33 1.51 -10.77	32.38 1.96 -8.94	36.00 1.92 -12.72	36.62 1.92 -13.34	37.51 1.88 -14.21	40.05 1.96 -16.75	40.58 1.94 -17.27	40.79 2.00 -17.04	44.54 2.04 -19.63	44.52 2.11 -18.64	34.95 2.11 -10.40	36.23 2.44 -7.88	42.00 2.34 -14.52	39.84 2.47 -10.57	38.66 2.71 -6.21	33.99 2.08 -9.30	29.06 2.29 -4.13	26.56 2.31 -2.86	24.40 1.83 -1.29
CALPINE_BETH_PAGE_GT_4 323586	32.98 1.78 -10.94	24.44 1.62 -4.59	23.13 1.51 -4.25	22.00 1.39 -4.06	26.90 1.33 -8.90	31.32 1.49 -10.77	32.38 1.95 -8.94	36.00 1.92 -12.72	36.62 1.92 -13.34	37.81 2.18 -14.21	39.99 1.90 -16.75	40.58 1.94 -17.27	40.79 2.00 -17.04	44.54 2.03 -19.63	44.52 2.11 -18.64	35.47 2.11 -10.92	38.01 2.41 -9.68	43.39 2.36 -15.89	40.21 2.44 -10.96	39.02 2.68 -6.61	36.51 2.06 -11.84	30.74 2.29 -5.82	27.75 2.29 -4.06	25.81 1.94 -2.59
CALPINE_BP_GT1 23823	32.98 1.78 -10.94	24.44 1.62 -4.59	23.13 1.51 -4.25	22.00 1.39 -4.06	26.90 1.33 -8.90	31.32 1.49 -10.77	32.38 1.95 -8.94	36.00 1.92 -12.72	36.62 1.92 -13.34	37.81 2.18 -14.21	39.99 1.90 -16.75	40.58 1.94 -17.27	40.79 2.00 -17.04	44.54 2.03 -19.63	44.52 2.11 -18.64	35.47 2.11 -10.92	38.01 2.41 -9.68	43.39 2.36 -15.89	40.21 2.44 -10.96	39.02 2.68 -6.61	36.51 2.06 -11.84	30.74 2.29 -5.82	27.75 2.29 -4.06	25.81 1.94 -2.59
CALSPAN___DRP 24200	20.45 0.18 0.00	18.42 0.18 0.00	17.56 0.19 0.00	16.71 0.17 0.00	16.75 0.08 0.00	19.06 0.00 0.00	21.15 -0.49 -0.16	20.58 -0.58 0.21	20.64 -0.47 0.25	21.02 -0.62 -0.23	21.21 -0.13 0.00	21.24 -0.13 0.00	21.88 0.13 0.00	22.73 -0.14 0.00	23.60 -0.17 0.00	22.72 0.25 -0.03	25.99 0.08 0.00	25.04 -0.30 -0.21	26.41 -0.43 -0.03	29.17 -0.68 -0.12	22.77 -0.43 -0.59	22.63 -0.05 -0.03	21.63 0.24 0.00	21.60 0.32 0.00
CALVERTON___SOLAR 323806	33.53 2.33 -10.94	24.99 2.17 -4.59	23.65 2.03 -4.25	22.49 1.89 -4.06	27.38 1.82 -8.90	31.93 2.10 -10.77	33.20 2.77 -8.94	36.81 2.71 -12.73	37.46 2.71 -13.39	38.67 3.00 -14.26	40.79 2.69 -16.76	41.44 2.80 -17.28	41.67 2.87 -17.05	45.39 2.88 -19.64	45.41 2.99 -18.65	42.49 2.92 -17.13	42.92 3.29 -13.71	49.78 3.29 -21.35	84.01 3.41 -53.80	81.52 3.72 -48.06	42.68 2.87 -17.19	31.60 3.13 -5.83	28.55 3.08 -4.07	26.62 2.75 -2.60
CANDIGU_WT_PWR 323617	20.43 0.16 0.00	18.38 0.15 0.00	17.51 0.14 0.00	16.71 0.17 0.00	16.80 0.13 0.00	19.21 0.15 0.00	21.56 -0.13 -0.21	18.20 -0.11 3.06	17.98 0.00 3.38	21.42 -0.30 -0.31	21.19 -0.15 0.00	21.51 0.15 0.00	22.08 0.33 0.00	23.07 0.21 0.00	23.98 0.21 0.00	22.80 0.31 -0.04	26.18 0.26 0.00	25.79 0.38 -0.27	26.82 -0.03 -0.04	29.62 -0.27 -0.15	23.27 -0.09 -0.74	22.97 0.29 -0.04	21.85 0.45 0.00	21.83 0.55 0.00

CARR STREET_E_SYR 24060	20.32 0.06 0.00	18.27 0.04 0.00	17.39 0.02 0.00	16.59 0.05 0.00	16.71 0.05 0.00	19.12 0.06 0.00	21.68 0.11 -0.09	21.83 0.11 -0.36	21.85 0.11 -0.38	21.63 0.09 -0.13	21.45 0.11 0.00	21.45 0.09 0.00	21.86 0.11 0.00	22.96 0.09 0.00	23.86 0.10 0.00	22.50 0.04 -0.02	25.97 0.05 0.00	25.41 0.15 -0.12	26.83 0.00 -0.02	29.77 -0.03 -0.06	22.93 0.00 -0.31	22.61 -0.05 -0.02	21.38 -0.02 0.00	21.36 0.09 0.00
CARTHAGE___PAPER 23857	20.45 0.18 0.00	18.44 0.20 0.00	17.58 0.21 0.00	16.82 0.28 0.00	16.95 0.28 0.00	19.40 0.34 0.00	21.99 0.45 -0.05	21.97 0.40 -0.20	21.94 0.36 -0.21	21.80 0.32 -0.07	21.58 0.24 0.00	21.64 0.28 0.00	22.01 0.26 0.00	23.17 0.30 0.00	24.17 0.40 0.00	22.77 0.31 -0.01	26.46 0.55 0.00	25.78 0.58 -0.06	27.54 0.72 -0.01	30.63 0.86 -0.03	23.42 0.63 -0.17	23.24 0.59 -0.01	21.93 0.54 0.00	21.85 0.57 0.00
CASSADAGA_WT_PWR 323784	20.49 0.22 0.00	18.49 0.26 0.00	17.63 0.26 0.00	16.81 0.26 0.00	16.75 0.08 0.00	19.00 -0.06 0.00	20.94 -0.71 -0.16	20.74 -0.66 -0.03	20.89 -0.49 -0.01	20.80 -0.86 -0.24	20.89 -0.45 0.00	21.53 0.17 0.00	22.29 0.54 0.00	23.23 0.36 0.00	24.14 0.38 0.00	23.17 0.70 -0.03	26.41 0.49 0.00	25.99 0.63 -0.22	26.82 -0.03 -0.03	29.35 -0.51 -0.12	23.03 -0.18 -0.60	23.17 0.50 -0.03	22.08 0.68 0.00	22.11 0.83 0.00
CE_DUNWOOD___DRP 24194	21.60 1.34 0.00	19.46 1.22 0.00	18.48 1.11 0.00	17.57 1.03 0.00	17.63 0.97 0.00	20.18 1.12 0.00	26.34 1.59 -3.27	30.58 1.54 -7.68	31.80 1.56 -8.88	31.55 1.52 -8.62	32.53 1.58 -9.61	33.05 1.58 -10.10	31.47 1.63 -8.09	32.55 1.69 -7.99	32.19 1.73 -6.70	34.07 1.71 -9.93	33.96 1.94 -6.10	40.26 1.89 -13.23	38.53 1.98 -9.73	37.23 2.17 -5.32	30.97 1.65 -6.70	26.84 1.72 -2.48	24.73 1.65 -1.68	22.47 1.19 0.00
CE_MILLWOOD___DRP 24193	21.56 1.30 0.00	19.42 1.19 0.00	18.45 1.08 0.00	17.54 0.99 0.00	17.61 0.95 0.00	20.14 1.09 0.00	26.32 1.53 -3.31	30.57 1.47 -7.73	31.80 1.50 -8.94	31.63 1.46 -8.77	32.71 1.54 -9.83	33.20 1.52 -10.32	31.59 1.57 -8.27	32.66 1.62 -8.17	32.28 1.69 -6.83	34.22 1.64 -10.14	34.03 1.89 -6.23	40.45 1.81 -13.50	38.64 1.90 -9.93	37.23 2.11 -5.39	30.97 1.61 -6.75	26.84 1.68 -2.53	24.72 1.60 -1.72	22.40 1.13 0.00
CE_NYC2_DRP 24202	21.80 1.54 0.00	19.64 1.40 0.00	18.66 1.29 0.00	17.73 1.19 0.00	17.78 1.12 0.00	20.28 1.22 0.00	26.53 1.80 -3.24	30.78 1.77 -7.64	31.99 1.79 -8.84	31.67 1.73 -8.53	32.60 1.79 -9.47	34.85 1.79 -11.69	32.95 1.85 -9.35	34.85 1.92 -10.06	33.88 1.97 -8.15	34.11 1.89 -9.79	34.09 2.15 -6.02	40.23 2.04 -13.05	38.59 2.17 -9.61	37.43 2.41 -5.28	31.12 1.83 -6.67	27.01 1.92 -2.44	24.96 1.90 -1.66	22.64 1.36 0.00
CE_NYC_DRP 24195	21.74 1.48 0.00	19.58 1.35 0.00	18.60 1.23 0.00	17.69 1.14 0.00	17.73 1.07 0.00	20.26 1.20 0.00	26.46 1.74 -3.24	30.71 1.71 -7.64	31.93 1.73 -8.84	31.61 1.67 -8.53	32.56 1.75 -9.47	33.07 1.75 -9.96	31.51 1.78 -7.97	32.60 1.85 -7.88	32.29 1.92 -6.60	34.05 1.82 -9.79	34.01 2.07 -6.02	40.20 2.01 -13.05	38.51 2.09 -9.61	37.34 2.32 -5.28	31.05 1.76 -6.67	26.94 1.86 -2.44	24.89 1.84 -1.66	22.57 1.30 0.00
CHAFFEE___LFGE 323603	20.55 0.28 0.00	18.49 0.26 0.00	17.60 0.23 0.00	16.74 0.20 0.00	16.78 0.12 0.00	19.17 0.12 0.00	21.15 -0.49 -0.16	20.74 -0.56 0.07	20.91 -0.36 0.09	20.88 -0.77 -0.24	20.83 -0.51 0.00	21.32 -0.04 0.00	21.95 0.20 0.00	22.82 -0.05 0.00	23.67 -0.09 0.00	22.61 0.14 -0.03	25.71 -0.21 0.00	25.30 -0.05 -0.22	26.14 -0.70 -0.03	28.66 -1.19 -0.12	22.54 -0.66 -0.58	22.65 -0.02 -0.03	21.63 0.24 0.00	21.74 0.47 0.00
CHATEAUG_35_KV_LOAD 355732	19.29 -0.97 0.00	17.32 -0.91 0.00	16.59 -0.78 0.00	15.80 -0.74 0.00	15.93 -0.73 0.00	18.28 -0.78 0.00	20.45 -1.03 0.00	20.32 -1.05 0.00	20.32 -1.05 0.00	20.51 -0.90 0.00	20.51 -0.83 0.00	20.49 -0.88 0.00	20.86 -0.89 0.00	22.07 -0.80 0.00	22.98 -0.78 0.00	21.86 -0.58 0.00	25.27 -0.65 0.00	24.64 -0.50 0.00	26.17 -0.64 0.00	29.02 -0.71 0.00	22.09 -0.52 0.00	22.12 -0.52 0.00	20.86 -0.53 0.00	20.89 -0.38 0.00
CHATEAUG_WT_PWR 323614	19.27 -0.99 0.00	17.29 -0.95 0.00	16.57 -0.80 0.00	15.78 -0.76 0.00	15.93 -0.73 0.00	18.28 -0.78 0.00	20.45 -1.03 0.00	20.30 -1.07 0.00	20.30 -1.07 0.00	20.55 -0.86 0.00	20.53 -0.81 0.00	20.47 -0.90 0.00	20.84 -0.91 0.00	22.05 -0.82 0.00	22.93 -0.83 0.00	21.79 -0.65 0.00	25.24 -0.67 0.00	24.59 -0.55 0.00	26.09 -0.72 0.00	29.02 -0.71 0.00	21.96 -0.66 0.00	22.12 -0.52 0.00	20.86 -0.53 0.00	20.81 -0.47 0.00
CHAT_HIGH_FALL_HYD 323578	19.27 -0.99 0.00	17.31 -0.93 0.00	16.59 -0.78 0.00	15.80 -0.74 0.00	15.93 -0.73 0.00	18.28 -0.78 0.00	20.45 -1.03 0.00	20.32 -1.05 0.00	20.32 -1.05 0.00	20.55 -0.86 0.00	20.55 -0.79 0.00	20.49 -0.88 0.00	20.86 -0.89 0.00	22.07 -0.80 0.00	22.98 -0.78 0.00	21.81 -0.63 0.00	25.24 -0.67 0.00	24.59 -0.55 0.00	26.14 -0.67 0.00	29.05 -0.68 0.00	21.98 -0.63 0.00	22.10 -0.54 0.00	20.84 -0.56 0.00	20.79 -0.49 0.00
CHAUTAUQUA___LFGE 323629	20.59 0.32 0.00	18.53 0.29 0.00	17.65 0.28 0.00	16.81 0.26 0.00	16.80 0.13 0.00	19.14 0.08 0.00	21.19 -0.45 -0.16	20.79 -0.49 0.09	20.88 -0.36 0.12	20.96 -0.69 -0.24	20.98 -0.36 0.00	21.45 0.09 0.00	22.12 0.37 0.00	23.03 0.16 0.00	23.91 0.14 0.00	22.88 0.40 -0.03	26.05 0.13 0.00	25.63 0.28 -0.22	26.52 -0.32 -0.03	29.08 -0.77 -0.12	22.84 -0.36 -0.59	22.87 0.20 -0.03	21.85 0.45 0.00	21.91 0.64 0.00
CHERRYST_13_KV_LD 356241	21.78 1.52 0.00	19.64 1.40 0.00	18.66 1.29 0.00	17.73 1.19 0.00	17.76 1.10 0.00	20.30 1.24 0.00	26.53 1.80 -3.24	30.78 1.77 -7.64	32.02 1.82 -8.84	31.67 1.73 -8.53	32.62 1.81 -9.47	33.14 1.82 -9.96	31.59 1.87 -7.97	32.69 1.94 -7.88	32.36 2.00 -6.60	34.11 1.89 -9.79	34.09 2.15 -6.02	40.28 2.09 -13.05	38.59 2.17 -9.61	37.43 2.41 -5.28	31.12 1.83 -6.67	27.01 1.92 -2.44	24.96 1.90 -1.66	22.62 1.34 0.00
CHESTROR_138KV_BK263 355645	21.38 1.11 0.00	19.24 1.00 0.00	18.31 0.94 0.00	17.39 0.84 0.00	17.45 0.78 0.00	19.95 0.90 0.00	30.07 1.27 -7.32	36.79 1.20 -14.23	39.00 1.16 -16.44	43.35 1.22 -20.78	49.07 1.22 -26.51	49.83 1.22 -27.25	44.93 1.26 -21.92	45.73 1.30 -21.55	42.74 1.35 -17.62	50.17 1.32 -26.40	43.39 1.53 -15.94	60.99 1.48 -34.37	53.67 1.55 -25.30	43.00 1.75 -11.51	36.25 1.31 -12.32	30.35 1.36 -6.35	27.37 1.31 -4.67	22.21 0.94 0.00
CH_MIDHUDSON___DRP 24192	21.50 1.24 0.00	19.36 1.13 0.00	18.41 1.04 0.00	17.49 0.94 0.00	17.55 0.88 0.00	20.07 1.01 0.00	25.89 1.40 -3.01	30.02 1.30 -7.35	31.10 1.32 -8.41	30.43 1.28 -7.73	31.08 1.37 -8.38	31.50 1.37 -8.77	30.17 1.39 -7.03	31.25 1.44 -6.94	31.05 1.50 -5.79	32.57 1.48 -8.65	32.88 1.68 -5.27	38.52 1.63 -11.74	36.98 1.72 -8.45	36.33 1.93 -4.66	30.48 1.45 -6.42	26.34 1.52 -2.18	24.32 1.45 -1.47	22.30 1.02 0.00

CH_MISC_IPPS 23765	21.62 1.36 0.00	19.46 1.22 0.00	18.52 1.15 0.00	17.57 1.03 0.00	17.58 0.92 0.00	20.07 1.01 0.00	26.16 1.48 -3.19	30.28 1.35 -7.57	31.42 1.37 -8.68	31.07 1.33 -8.33	31.97 1.37 -9.26	32.45 1.41 -9.68	30.95 1.44 -7.76	32.04 1.51 -7.66	31.68 1.54 -6.38	33.49 1.53 -9.52	33.43 1.71 -5.80	39.68 1.73 -12.81	37.86 1.77 -9.28	36.76 2.02 -5.00	30.77 1.54 -6.62	26.61 1.58 -2.38	24.52 1.50 -1.62	22.49 1.21 0.00
CH_RES_BVR_FALLS 23983	19.96 -0.30 0.00	17.96 -0.27 0.00	17.11 -0.26 0.00	16.30 -0.25 0.00	16.41 -0.25 0.00	18.79 -0.27 0.00	21.12 -0.37 0.00	21.00 -0.36 0.00	21.00 -0.36 0.00	21.07 -0.34 0.00	21.00 -0.34 0.00	21.00 -0.36 0.00	21.38 -0.37 0.00	22.50 -0.37 0.00	23.38 -0.38 0.00	22.08 -0.36 0.00	25.50 -0.42 0.00	24.74 -0.40 0.00	26.41 -0.40 0.00	29.29 -0.45 0.00	22.28 -0.34 0.00	22.30 -0.34 0.00	21.05 -0.34 0.00	20.98 -0.30 0.00
CH_RES_NIAGARA 23895	19.76 -0.51 0.00	17.76 -0.47 0.00	16.92 -0.45 0.00	16.10 -0.45 0.00	16.15 -0.52 0.00	18.47 -0.59 0.00	20.75 -0.88 -0.15	20.02 -1.24 0.10	19.95 -1.28 0.14	20.28 -1.35 -0.22	20.30 -1.05 0.00	20.34 -1.03 0.00	20.92 -0.83 0.00	21.75 -1.12 0.00	22.55 -1.21 0.00	21.51 -0.96 -0.03	24.39 -1.53 0.00	24.00 -1.33 -0.20	25.12 -1.72 -0.03	27.70 -2.14 -0.11	21.79 -1.36 -0.53	21.54 -1.13 -0.03	20.65 -0.75 0.00	20.77 -0.51 0.00
CH_RES_SYRACUSE 23985	20.43 0.16 0.00	18.36 0.13 0.00	17.49 0.12 0.00	16.71 0.17 0.00	16.83 0.17 0.00	19.25 0.19 0.00	21.83 0.26 -0.09	22.00 0.28 -0.36	22.04 0.30 -0.38	21.82 0.28 -0.13	21.62 0.28 0.00	21.62 0.26 0.00	22.01 0.26 0.00	23.12 0.25 0.00	24.02 0.26 0.00	22.64 0.18 -0.02	26.15 0.23 0.00	26.08 0.80 -0.13	27.10 0.27 -0.02	30.10 0.30 -0.07	23.18 0.23 -0.34	22.84 0.18 -0.02	21.59 0.19 0.00	21.57 0.30 0.00
CLINTON_WT_PWR 323605	19.27 -0.99 0.00	17.29 -0.95 0.00	16.57 -0.80 0.00	15.78 -0.76 0.00	15.93 -0.73 0.00	18.28 -0.78 0.00	20.45 -1.03 0.00	20.30 -1.07 0.00	20.30 -1.07 0.00	20.55 -0.86 0.00	20.53 -0.81 0.00	20.47 -0.90 0.00	20.84 -0.91 0.00	22.05 -0.82 0.00	22.93 -0.83 0.00	21.79 -0.65 0.00	25.24 -0.67 0.00	24.59 -0.55 0.00	26.09 -0.72 0.00	29.02 -0.71 0.00	21.96 -0.66 0.00	22.12 -0.52 0.00	20.86 -0.53 0.00	20.81 -0.47 0.00
CLINTON__LFGE 323618	19.39 -0.87 0.00	17.41 -0.82 0.00	16.69 -0.68 0.00	15.88 -0.66 0.00	16.03 -0.63 0.00	18.39 -0.67 0.00	20.60 -0.88 0.00	20.47 -0.90 0.00	20.47 -0.90 0.00	20.72 -0.69 0.00	20.74 -0.60 0.00	20.66 -0.70 0.00	21.03 -0.72 0.00	22.27 -0.59 0.00	23.17 -0.59 0.00	22.01 -0.43 0.00	25.48 -0.44 0.00	24.84 -0.30 0.00	26.33 -0.48 0.00	29.29 -0.45 0.00	22.16 -0.45 0.00	22.30 -0.34 0.00	21.01 -0.38 0.00	20.96 -0.32 0.00
COBBLENY_34_KV_TB1 80064	20.51 0.24 0.00	18.45 0.22 0.00	17.60 0.23 0.00	16.74 0.20 0.00	16.78 0.12 0.00	19.10 0.04 0.00	21.13 -0.52 -0.16	20.74 -0.56 0.07	20.86 -0.41 0.09	21.03 -0.62 -0.24	21.28 -0.06 0.00	21.32 -0.04 0.00	21.97 0.22 0.00	22.82 -0.05 0.00	23.67 -0.10 0.00	22.79 0.31 -0.03	26.10 0.18 0.00	25.07 -0.28 -0.21	26.47 -0.38 -0.03	29.20 -0.65 -0.12	22.81 -0.41 -0.60	22.67 0.00 -0.03	21.70 0.30 0.00	21.66 0.38 0.00
COFFEEN__115KV_TB3 355620	20.97 0.71 0.00	18.91 0.67 0.00	18.01 0.64 0.00	17.25 0.71 0.00	17.36 0.70 0.00	19.84 0.78 0.00	22.57 1.03 -0.06	22.58 0.98 -0.24	22.51 0.90 -0.25	22.39 0.90 -0.09	22.11 0.77 0.00	22.18 0.81 0.00	22.51 0.76 0.00	23.69 0.82 0.00	24.67 0.90 0.00	23.17 0.72 -0.01	26.90 0.98 0.00	26.22 1.01 -0.07	28.13 1.31 -0.01	31.23 1.46 -0.04	23.91 1.09 -0.21	23.69 1.04 -0.01	22.38 0.98 0.00	22.19 0.91 0.00
COLDSPRG_115KV_BK1 355956	20.91 0.65 0.00	18.85 0.62 0.00	18.00 0.63 0.00	17.14 0.60 0.00	17.11 0.45 0.00	19.42 0.36 0.00	21.20 -0.45 -0.17	21.42 -0.17 -0.23	21.72 0.13 -0.22	21.27 -0.39 -0.25	21.94 0.60 0.00	22.00 0.64 0.00	22.75 1.00 0.00	23.62 0.75 0.00	24.52 0.76 0.00	23.60 1.12 -0.03	27.16 1.24 0.00	25.69 0.33 -0.22	27.30 0.46 -0.04	29.92 0.06 -0.13	23.36 0.11 -0.63	23.40 0.72 -0.04	22.42 1.03 0.00	22.30 1.02 0.00
COLONIE_LFGE__ 323577	21.05 0.79 0.00	18.94 0.71 0.00	18.07 0.70 0.00	17.17 0.63 0.00	17.36 0.70 0.00	19.88 0.82 0.00	24.60 0.97 -2.15	29.01 0.98 -6.66	29.21 0.98 -6.86	26.66 0.99 -4.27	25.97 0.98 -3.64	25.77 1.03 -3.38	25.57 1.04 -2.78	26.62 1.08 -2.68	26.81 1.12 -1.93	26.99 1.05 -3.49	28.79 1.22 -1.66	32.50 1.13 -6.23	31.06 1.26 -2.99	32.36 1.37 -1.26	29.52 1.04 -5.86	24.70 1.04 -1.02	22.97 0.92 -0.66	21.98 0.70 0.00
COOPERNY_115KV_TB1 80082	21.14 0.87 0.00	19.02 0.78 0.00	18.10 0.73 0.00	17.22 0.68 0.00	17.28 0.62 0.00	19.76 0.71 0.00	21.92 1.01 0.58	22.75 1.01 -0.43	22.73 0.96 -0.40	19.87 0.94 2.48	17.61 0.98 4.71	17.65 0.96 4.67	18.97 1.00 3.78	20.22 1.05 3.70	21.96 1.09 2.90	19.12 1.05 4.37	24.58 1.24 2.58	21.14 1.18 5.18	24.06 1.26 4.00	30.16 1.40 0.97	24.09 1.04 -0.44	22.78 1.09 0.94	21.61 1.05 0.84	22.04 0.77 0.00
COPENHAGEN_WT_PWR 323753	20.83 0.57 0.00	18.76 0.53 0.00	17.87 0.50 0.00	17.11 0.56 0.00	17.23 0.57 0.00	19.71 0.65 0.00	22.36 0.82 -0.06	22.37 0.77 -0.24	22.35 0.73 -0.26	22.18 0.68 -0.09	21.92 0.58 0.00	22.03 0.66 0.00	22.38 0.63 0.00	23.53 0.66 0.00	24.50 0.74 0.00	23.04 0.58 -0.01	26.67 0.75 0.00	26.04 0.83 -0.08	27.76 0.94 -0.01	30.91 1.13 -0.04	23.65 0.84 -0.20	23.44 0.79 -0.01	22.10 0.71 0.00	22.04 0.76 0.00
CORNELL____ 23752	20.85 0.59 0.00	18.73 0.49 0.00	17.84 0.47 0.00	17.04 0.50 0.00	17.16 0.50 0.00	19.61 0.55 0.00	22.38 0.69 -0.21	23.20 0.75 -1.09	23.27 0.75 -1.16	22.43 0.71 -0.31	22.07 0.73 0.00	22.07 0.70 0.00	22.45 0.70 0.00	23.58 0.71 0.00	24.52 0.76 0.00	23.16 0.67 -0.04	26.82 0.91 0.00	26.42 1.01 -0.27	27.74 0.88 -0.04	30.81 0.92 -0.16	24.10 0.70 -0.79	23.38 0.70 -0.04	22.08 0.68 0.00	21.94 0.66 0.00
CORONAAV_69_KV_TB1 355595	32.96 1.76 -10.94	24.41 1.59 -4.59	23.09 1.48 -4.25	21.96 1.36 -4.06	26.88 1.32 -8.90	31.33 1.51 -10.77	32.43 2.00 -8.94	36.04 1.97 -12.71	36.69 1.99 -13.34	37.57 1.95 -14.21	40.12 2.03 -16.75	40.66 2.03 -17.27	40.88 2.09 -17.04	44.65 2.15 -19.63	44.62 2.21 -18.64	34.96 2.20 -10.32	36.26 2.51 -7.83	42.00 2.41 -14.45	39.36 2.55 -10.01	38.23 2.82 -5.67	34.02 2.17 -9.23	28.99 2.22 -4.13	26.43 2.18 -2.85	24.27 1.70 -1.29
CORTLAND_115KV_TB3 80093	20.69 0.43 0.00	18.60 0.36 0.00	17.72 0.35 0.00	16.91 0.36 0.00	17.03 0.37 0.00	19.48 0.42 0.00	22.15 0.49 -0.17	22.60 0.53 -0.70	22.67 0.56 -0.75	22.18 0.51 -0.26	21.88 0.53 0.00	21.88 0.51 0.00	22.29 0.54 0.00	23.42 0.55 0.00	24.33 0.57 0.00	22.97 0.49 -0.03	26.56 0.65 0.00	26.02 0.65 -0.22	27.44 0.59 -0.04	30.46 0.59 -0.13	23.71 0.45 -0.64	23.15 0.48 -0.04	21.87 0.47 0.00	21.72 0.45 0.00

COXSACKIE___GT 23611	21.50 1.24 0.00	19.27 1.04 0.00	18.43 1.06 0.00	17.45 0.91 0.00	17.51 0.85 0.00	19.99 0.93 0.00	24.85 1.16 -2.21	28.85 0.96 -6.52	29.27 0.94 -6.97	27.18 1.01 -4.76	26.65 1.02 -4.29	26.70 1.09 -4.25	26.24 1.04 -3.44	27.38 1.14 -3.36	27.56 1.16 -2.64	27.91 1.14 -4.32	29.59 1.32 -2.35	33.37 1.33 -6.90	32.27 1.47 -3.99	33.66 1.81 -2.11	29.66 1.31 -5.74	25.13 1.29 -1.20	23.18 1.03 -0.76	22.13 0.85 0.00
CPV_VALLEY___CC1 323721	21.28 1.01 0.00	19.16 0.93 0.00	18.22 0.85 0.00	17.32 0.78 0.00	17.40 0.73 0.00	19.88 0.82 0.00	22.17 1.18 0.50	23.30 1.13 -0.80	23.36 1.13 -0.86	20.16 1.09 2.34	17.65 1.11 4.81	17.81 1.15 4.71	19.12 1.20 3.82	20.38 1.23 3.72	22.17 1.28 2.88	19.31 1.26 4.38	24.80 1.42 2.54	21.41 1.43 5.16	24.31 1.45 3.94	30.60 1.60 0.75	24.60 1.22 -0.77	22.98 1.27 0.93	21.76 1.22 0.85	22.23 0.96 0.00
CPV_VALLEY___CC2 323722	21.28 1.01 0.00	19.16 0.93 0.00	18.22 0.85 0.00	17.32 0.78 0.00	17.40 0.73 0.00	19.88 0.82 0.00	22.17 1.18 0.50	23.30 1.13 -0.80	23.36 1.13 -0.86	20.16 1.09 2.34	17.65 1.11 4.81	17.81 1.15 4.71	19.12 1.20 3.82	20.38 1.23 3.72	22.17 1.28 2.88	19.31 1.26 4.38	24.80 1.42 2.54	21.41 1.43 5.16	24.31 1.45 3.94	30.60 1.60 0.75	24.60 1.22 -0.77	22.98 1.27 0.93	21.76 1.22 0.85	22.23 0.96 0.00
CRESCENT___HYD 24018	21.05 0.79 0.00	18.94 0.71 0.00	18.07 0.70 0.00	17.17 0.63 0.00	17.36 0.70 0.00	19.88 0.82 0.00	24.60 0.97 -2.15	29.01 0.98 -6.66	29.21 0.98 -6.86	26.66 0.99 -4.27	25.97 0.98 -3.64	25.77 1.03 -3.38	25.57 1.04 -2.78	26.62 1.08 -2.68	26.81 1.12 -1.93	26.99 1.05 -3.49	28.79 1.22 -1.66	32.50 1.13 -6.23	31.06 1.26 -2.99	32.36 1.37 -1.26	29.52 1.04 -5.86	24.70 1.04 -1.02	22.97 0.92 -0.66	21.98 0.70 0.00
CRICKET___VALLEY_CC1 323756	21.22 0.95 0.00	19.11 0.88 0.00	18.20 0.83 0.00	17.29 0.75 0.00	17.41 0.75 0.00	19.90 0.84 0.00	25.30 1.12 -2.70	29.61 1.07 -7.17	27.33 1.07 -4.90	26.75 1.05 -4.30	29.18 1.07 -6.77	26.63 1.11 -4.16	26.66 1.13 -3.78	27.35 1.19 -3.29	25.62 1.21 -0.65	27.69 1.19 -4.06	27.20 1.35 0.07	36.55 1.33 -10.08	29.21 1.37 -1.03	25.83 1.52 5.42	30.07 1.18 -6.28	25.00 1.22 -1.14	23.86 1.15 -1.31	22.17 0.89 0.00
CRICKET___VALLEY_CC2 323757	21.22 0.95 0.00	19.11 0.88 0.00	18.20 0.83 0.00	17.29 0.75 0.00	17.41 0.75 0.00	19.90 0.84 0.00	25.30 1.12 -2.70	29.61 1.07 -7.17	27.33 1.07 -4.90	26.75 1.05 -4.30	29.18 1.07 -6.77	26.63 1.11 -4.16	26.66 1.13 -3.78	27.35 1.19 -3.29	25.62 1.21 -0.65	27.69 1.19 -4.06	27.20 1.35 0.07	36.55 1.33 -10.08	29.21 1.37 -1.03	25.83 1.52 5.42	30.07 1.18 -6.28	25.00 1.22 -1.14	23.86 1.15 -1.31	22.17 0.89 0.00
CRICKET___VALLEY_CC3 323758	21.22 0.95 0.00	19.11 0.88 0.00	18.20 0.83 0.00	17.29 0.75 0.00	17.41 0.75 0.00	19.90 0.84 0.00	25.30 1.12 -2.70	29.61 1.07 -7.17	27.33 1.07 -4.90	26.75 1.05 -4.30	29.18 1.07 -6.77	26.63 1.11 -4.16	26.66 1.13 -3.78	27.35 1.19 -3.29	25.62 1.21 -0.65	27.69 1.19 -4.06	27.20 1.35 0.07	36.55 1.33 -10.08	29.21 1.37 -1.03	25.83 1.52 5.42	30.07 1.18 -6.28	25.00 1.22 -1.14	23.86 1.15 -1.31	22.17 0.89 0.00
CRUCIBLE_METL_DRP 24180	20.43 0.16 0.00	18.36 0.13 0.00	17.49 0.12 0.00	16.71 0.17 0.00	16.83 0.17 0.00	19.23 0.17 0.00	21.83 0.26 -0.09	22.00 0.28 -0.36	22.02 0.28 -0.38	21.86 0.32 -0.13	21.60 0.26 0.00	21.62 0.26 0.00	22.01 0.26 0.00	23.12 0.25 0.00	24.02 0.26 0.00	22.62 0.16 -0.02	26.12 0.21 0.00	26.03 0.78 -0.11	27.10 0.27 -0.02	30.11 0.30 -0.07	23.19 0.20 -0.37	22.84 0.18 -0.02	21.57 0.17 0.00	21.53 0.26 0.00
DAHOWA___HYDRO 323763	21.52 1.26 0.00	19.35 1.11 0.00	18.41 1.04 0.00	17.50 0.96 0.00	17.75 1.08 0.00	20.36 1.30 0.00	25.15 1.53 -2.13	29.59 1.56 -6.67	29.84 1.56 -6.92	27.24 1.58 -4.25	26.47 1.58 -3.54	26.32 1.62 -3.33	26.04 1.57 -2.73	27.10 1.60 -2.64	27.38 1.69 -1.93	27.46 1.57 -3.45	29.37 1.79 -1.67	32.87 1.61 -6.12	31.73 1.93 -2.99	33.19 2.08 -1.38	30.16 1.67 -5.87	25.32 1.68 -1.01	23.51 1.48 -0.64	22.49 1.21 0.00
DANC___LFGE 323619	20.71 0.45 0.00	18.63 0.40 0.00	17.75 0.38 0.00	16.97 0.43 0.00	17.10 0.43 0.00	19.54 0.48 0.00	22.17 0.62 -0.07	22.21 0.58 -0.27	22.20 0.55 -0.29	22.00 0.49 -0.10	21.79 0.45 0.00	21.92 0.55 0.00	22.27 0.52 0.00	23.42 0.55 0.00	24.36 0.59 0.00	22.90 0.45 -0.01	26.49 0.57 0.00	25.88 0.65 -0.09	27.49 0.67 -0.01	30.59 0.80 -0.05	23.46 0.61 -0.23	23.22 0.57 -0.01	21.91 0.51 0.00	21.87 0.59 0.00
DANSKAMMER___1 23586	21.62 1.36 0.00	19.46 1.22 0.00	18.52 1.15 0.00	17.57 1.03 0.00	17.58 0.92 0.00	20.07 1.01 0.00	26.16 1.48 -3.19	30.28 1.35 -7.57	31.42 1.37 -8.68	31.07 1.33 -8.33	31.97 1.37 -9.26	32.45 1.41 -9.68	30.95 1.44 -7.76	32.04 1.51 -7.66	31.68 1.54 -6.38	33.49 1.53 -9.52	33.43 1.71 -5.80	39.68 1.73 -12.81	37.86 1.77 -9.28	36.76 2.02 -5.00	30.77 1.54 -6.62	26.61 1.58 -2.38	24.52 1.50 -1.62	22.49 1.21 0.00
DANSKAMMER___2 23589	21.62 1.36 0.00	19.46 1.22 0.00	18.52 1.15 0.00	17.57 1.03 0.00	17.58 0.92 0.00	20.07 1.01 0.00	26.16 1.48 -3.19	30.28 1.35 -7.57	31.42 1.37 -8.68	31.07 1.33 -8.33	31.97 1.37 -9.26	32.45 1.41 -9.68	30.95 1.44 -7.76	32.04 1.51 -7.66	31.68 1.54 -6.38	33.49 1.53 -9.52	33.43 1.71 -5.80	39.68 1.73 -12.81	37.86 1.77 -9.28	36.76 2.02 -5.00	30.77 1.54 -6.62	26.61 1.58 -2.38	24.52 1.50 -1.62	22.49 1.21 0.00
DANSKAMMER___3 23590	21.62 1.36 0.00	19.46 1.22 0.00	18.52 1.15 0.00	17.57 1.03 0.00	17.58 0.92 0.00	20.07 1.01 0.00	26.16 1.48 -3.19	30.28 1.35 -7.57	31.42 1.37 -8.68	31.07 1.33 -8.33	31.97 1.37 -9.26	32.45 1.41 -9.68	30.95 1.44 -7.76	32.04 1.51 -7.66	31.68 1.54 -6.38	33.49 1.53 -9.52	33.43 1.71 -5.80	39.68 1.73 -12.81	37.86 1.77 -9.28	36.76 2.02 -5.00	30.77 1.54 -6.62	26.61 1.58 -2.38	24.52 1.50 -1.62	22.49 1.21 0.00
DANSKAMMER___4 23591	21.62 1.36 0.00	19.46 1.22 0.00	18.52 1.15 0.00	17.57 1.03 0.00	17.58 0.92 0.00	20.07 1.01 0.00	26.16 1.48 -3.19	30.28 1.35 -7.57	31.42 1.37 -8.68	31.07 1.33 -8.33	31.97 1.37 -9.26	32.45 1.41 -9.68	30.95 1.44 -7.76	32.04 1.51 -7.66	31.68 1.54 -6.38	33.49 1.53 -9.52	33.43 1.71 -5.80	39.68 1.73 -12.81	37.86 1.77 -9.28	36.76 2.02 -5.00	30.77 1.54 -6.62	26.61 1.58 -2.38	24.52 1.50 -1.62	22.49 1.21 0.00
DANSKAMMER___DIESEL 23592	21.62 1.36 0.00	19.46 1.22 0.00	18.52 1.15 0.00	17.57 1.03 0.00	17.58 0.92 0.00	20.09 1.03 0.00	26.16 1.48 -3.19	30.28 1.35 -7.57	31.41 1.37 -8.68	31.07 1.33 -8.33	32.03 1.43 -9.26	32.45 1.41 -9.68	30.95 1.44 -7.76	32.04 1.51 -7.66	31.69 1.54 -6.38	33.49 1.53 -9.52	33.46 1.74 -5.80	39.66 1.71 -12.81	37.89 1.80 -9.29	36.79 2.05 -5.00	30.76 1.52 -6.63	26.61 1.58 -2.38	24.52 1.50 -1.62	22.38 1.11 0.00

DARBY___SOLAR 323810	21.44 1.17 0.00	19.27 1.04 0.00	18.34 0.97 0.00	17.44 0.89 0.00	17.68 1.02 0.00	20.26 1.20 0.00	25.02 1.40 -2.14	29.46 1.43 -6.67	29.72 1.45 -6.91	27.12 1.46 -4.25	26.37 1.47 -3.56	26.22 1.52 -3.34	25.96 1.48 -2.73	27.02 1.51 -2.64	27.28 1.59 -1.93	27.38 1.48 -3.45	29.27 1.68 -1.67	32.78 1.51 -6.14	31.60 1.80 -2.99	33.02 1.93 -1.35	30.03 1.54 -5.87	25.19 1.54 -1.01	23.41 1.37 -0.64	22.38 1.11 0.00
DASHVILLE___HYD 23610	21.36 1.09 0.00	19.26 1.02 0.00	18.31 0.94 0.00	17.39 0.84 0.00	17.38 0.72 0.00	19.86 0.80 0.00	25.06 1.18 -2.39	28.80 1.03 -6.41	29.67 1.17 -7.13	28.27 1.13 -5.73	28.28 1.22 -5.72	28.48 1.20 -5.92	27.72 1.22 -4.76	28.81 1.26 -4.68	28.90 1.28 -3.86	29.65 1.30 -5.90	30.89 1.48 -3.50	35.06 1.46 -8.46	34.04 1.53 -5.70	34.72 1.78 -3.19	29.39 1.15 -5.62	25.54 1.36 -1.54	23.60 1.20 -1.01	22.15 0.87 0.00
DEERFIELD_69_KV_DEERFIELD LD 355887	34.06 2.86 -10.94	25.43 2.61 -4.59	24.08 2.47 -4.25	22.91 2.30 -4.06	27.78 2.22 -8.90	32.40 2.57 -10.77	33.74 3.31 -8.94	37.38 3.29 -12.73	38.08 3.33 -13.39	38.95 3.28 -14.26	41.51 3.41 -16.76	42.08 3.44 -17.28	42.36 3.57 -17.05	46.08 3.57 -19.64	46.10 3.68 -18.65	42.71 3.64 -16.64	41.99 4.15 -11.93	49.13 4.00 -20.00	84.61 4.24 -53.56	82.22 4.67 -47.82	40.83 3.55 -14.67	30.61 3.83 -4.15	27.99 3.72 -2.87	25.79 3.21 -1.30
DELAWARE___LFGE 323621	21.03 0.77 0.00	18.93 0.69 0.00	18.01 0.64 0.00	17.16 0.61 0.00	17.26 0.60 0.00	19.74 0.69 0.00	22.82 0.88 -0.45	24.04 0.83 -1.84	24.21 0.85 -2.00	22.97 0.86 -0.70	22.25 0.90 -0.01	22.29 0.88 -0.05	22.70 0.91 -0.03	23.87 0.96 -0.04	24.79 0.97 -0.06	23.50 0.92 -0.14	27.12 1.14 -0.06	26.76 1.03 -0.59	28.14 1.15 -0.17	31.40 1.22 -0.45	25.18 0.93 -1.64	23.69 0.95 -0.10	22.32 0.92 0.00	21.98 0.70 0.00
DERFIELD_115KV_TB7 355931	20.26 0.00 0.00	18.25 0.02 0.00	17.37 0.00 0.00	16.54 0.00 0.00	16.66 0.00 0.00	19.06 0.00 0.00	21.51 0.02 0.00	21.38 0.02 0.00	21.38 0.02 0.00	21.45 0.04 0.00	21.36 0.02 0.00	21.38 0.02 0.00	21.77 0.02 0.00	22.89 0.02 0.00	23.81 0.05 0.00	22.46 0.02 0.00	25.97 0.05 0.00	25.16 0.03 0.00	26.89 0.08 0.00	29.80 0.06 0.00	22.66 0.05 0.00	22.71 0.07 0.00	21.46 0.06 0.00	21.30 0.02 0.00
DOGLEVILLE___HYD 23807	20.18 -0.08 0.00	18.16 -0.07 0.00	17.28 -0.09 0.00	16.46 -0.08 0.00	16.56 -0.10 0.00	18.93 -0.13 0.00	21.38 -0.11 0.00	21.26 -0.11 0.00	21.32 -0.04 0.00	21.41 0.00 0.00	21.30 -0.04 0.00	21.36 0.00 0.00	21.75 0.00 0.00	22.85 -0.02 0.00	23.74 -0.02 0.00	22.42 -0.02 0.00	25.94 0.03 0.00	25.11 -0.03 0.00	26.78 -0.03 0.00	29.68 -0.06 0.00	22.55 -0.07 0.00	22.59 -0.05 0.00	21.35 -0.04 0.00	21.30 0.02 0.00
DUNKIRK___115KV_TB_200 55889	20.53 0.26 0.00	18.51 0.27 0.00	17.65 0.28 0.00	16.79 0.25 0.00	16.80 0.13 0.00	19.08 0.02 0.00	21.22 -0.43 -0.16	20.80 -0.47 0.10	20.85 -0.38 0.13	21.14 -0.51 -0.24	21.36 0.02 0.00	21.43 0.06 0.00	22.12 0.37 0.00	22.98 0.11 0.00	23.86 0.10 0.00	23.04 0.56 -0.03	26.36 0.44 0.00	25.40 0.05 -0.21	26.79 -0.05 -0.03	29.59 -0.27 -0.12	23.09 -0.14 -0.61	22.90 0.23 -0.03	21.87 0.47 0.00	21.79 0.51 0.00
DUNKIRK___1 23563	20.53 0.26 0.00	18.51 0.27 0.00	17.65 0.28 0.00	16.79 0.25 0.00	16.80 0.13 0.00	19.08 0.02 0.00	21.22 -0.43 -0.16	20.80 -0.47 0.10	20.85 -0.38 0.13	21.14 -0.51 -0.24	21.36 0.02 0.00	21.43 0.06 0.00	22.12 0.37 0.00	22.98 0.11 0.00	23.86 0.10 0.00	23.04 0.56 -0.03	26.36 0.44 0.00	25.40 0.05 -0.21	26.79 -0.05 -0.03	29.59 -0.27 -0.12	23.09 -0.14 -0.61	22.90 0.23 -0.03	21.87 0.47 0.00	21.79 0.51 0.00
DUNKIRK___2 23564	20.53 0.26 0.00	18.51 0.27 0.00	17.65 0.28 0.00	16.79 0.25 0.00	16.80 0.13 0.00	19.08 0.02 0.00	21.22 -0.43 -0.16	20.80 -0.47 0.10	20.85 -0.38 0.13	21.14 -0.51 -0.24	21.36 0.02 0.00	21.43 0.06 0.00	22.12 0.37 0.00	22.98 0.11 0.00	23.86 0.10 0.00	23.04 0.56 -0.03	26.36 0.44 0.00	25.40 0.05 -0.21	26.79 -0.05 -0.03	29.59 -0.27 -0.12	23.09 -0.14 -0.61	22.90 0.23 -0.03	21.87 0.47 0.00	21.79 0.51 0.00
DUNKIRK___3 23565	20.49 0.22 0.00	18.45 0.22 0.00	17.60 0.23 0.00	16.76 0.22 0.00	16.78 0.12 0.00	19.08 0.02 0.00	21.17 -0.47 -0.16	20.74 -0.49 0.14	20.81 -0.38 0.17	21.09 -0.56 -0.24	21.32 -0.02 0.00	21.36 0.00 0.00	22.03 0.28 0.00	22.91 0.05 0.00	23.79 0.02 0.00	22.90 0.43 -0.03	26.28 0.36 0.00	25.25 -0.10 -0.21	26.66 -0.19 -0.03	29.41 -0.45 -0.12	22.95 -0.27 -0.61	22.79 0.11 -0.03	21.78 0.39 0.00	21.68 0.40 0.00
DUNKIRK___4 23566	20.51 0.24 0.00	18.47 0.24 0.00	17.61 0.24 0.00	16.78 0.23 0.00	16.78 0.12 0.00	19.08 0.02 0.00	21.17 -0.47 -0.16	20.65 -0.51 0.20	20.72 -0.41 0.24	21.09 -0.56 -0.24	21.32 -0.02 0.00	21.38 0.02 0.00	22.05 0.30 0.00	22.91 0.05 0.00	23.79 0.02 0.00	22.94 0.47 -0.03	26.25 0.34 0.00	25.30 -0.05 -0.21	26.68 -0.16 -0.03	29.44 -0.42 -0.12	22.99 -0.23 -0.60	22.81 0.14 -0.03	21.80 0.41 0.00	21.72 0.45 0.00
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	21.64 1.38 0.00	19.49 1.26 0.00	18.52 1.15 0.00	17.60 1.06 0.00	17.66 1.00 0.00	20.22 1.16 0.00	26.36 1.63 -3.24	30.61 1.60 -7.64	31.80 1.60 -8.84	31.50 1.56 -8.53	32.45 1.64 -9.47	32.97 1.64 -9.96	31.40 1.67 -7.98	32.49 1.74 -7.88	32.17 1.81 -6.61	34.00 1.77 -9.79	33.96 2.02 -6.02	40.13 1.94 -13.06	38.48 2.06 -9.61	37.28 2.26 -5.28	31.03 1.74 -6.67	26.87 1.79 -2.45	24.79 1.73 -1.66	22.51 1.23 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	21.46 1.20 0.00	19.33 1.09 0.00	18.38 1.01 0.00	17.45 0.91 0.00	17.48 0.82 0.00	19.99 0.93 0.00	26.33 1.35 -3.49	30.55 1.24 -7.95	31.74 1.26 -9.12	31.93 1.22 -9.30	33.37 1.30 -10.73	33.80 1.28 -11.16	32.03 1.33 -8.95	33.07 1.37 -8.83	32.50 1.43 -7.31	34.76 1.39 -10.93	34.16 1.61 -6.64	41.31 1.58 -14.58	39.04 1.64 -10.60	37.06 1.87 -5.45	30.93 1.38 -6.93	26.79 1.45 -2.71	24.67 1.39 -1.88	22.28 1.00 0.00
E179THST_138_KV_TB4_REV_LBMP_J 345001	21.72 1.46 0.00	19.57 1.33 0.00	18.59 1.22 0.00	17.67 1.12 0.00	17.73 1.07 0.00	20.20 1.14 0.00	26.40 1.70 -3.22	30.68 1.69 -7.63	31.89 1.71 -8.82	31.57 1.65 -8.51	32.50 1.71 -9.45	33.02 1.71 -9.95	31.48 1.76 -7.96	32.54 1.81 -7.87	32.24 1.88 -6.60	34.01 1.80 -9.77	33.97 2.05 -6.01	40.10 1.91 -13.05	38.45 2.04 -9.61	37.26 2.26 -5.27	31.03 1.74 -6.67	26.92 1.83 -2.44	24.87 1.82 -1.66	22.57 1.30 0.00
E179THST_13_KV_LOAD 356214	21.80 1.54 0.00	19.64 1.40 0.00	18.66 1.29 0.00	17.73 1.19 0.00	17.78 1.12 0.00	20.28 1.22 0.00	26.51 1.80 -3.22	30.76 1.77 -7.63	31.98 1.79 -8.82	31.66 1.73 -8.51	32.61 1.81 -9.45	33.13 1.82 -9.95	31.59 1.87 -7.96	32.66 1.92 -7.87	32.35 2.00 -6.60	34.12 1.91 -9.77	34.10 2.18 -6.01	40.25 2.06 -13.05	38.61 2.20 -9.61	37.44 2.44 -5.27	31.14 1.85 -6.67	27.03 1.95 -2.44	24.98 1.93 -1.66	22.66 1.38 0.00

EAST HAMPTON___GT 23717	34.32 3.12 -10.94	25.66 2.84 -4.59	24.31 2.69 -4.25	23.12 2.51 -4.06	27.97 2.40 -8.90	32.63 2.80 -10.77	34.02 3.59 -8.94	37.66 3.57 -12.73	38.43 3.68 -13.39	39.70 4.02 -14.26	41.77 3.67 -16.76	42.45 3.80 -17.28	42.71 3.91 -17.05	46.42 3.91 -19.64	46.46 4.04 -18.65	43.57 3.97 -17.16	44.15 4.51 -13.73	50.96 4.45 -21.37	85.41 4.64 -53.96	83.04 5.08 -48.22	43.72 3.89 -17.21	32.66 4.19 -5.83	29.52 4.05 -4.07	27.54 3.66 -2.60
EAST RIVER___6 23660	21.76 1.50 0.00	19.60 1.37 0.00	18.64 1.27 0.00	17.72 1.17 0.00	17.75 1.08 0.00	20.26 1.20 0.00	26.49 1.76 -3.24	30.73 1.73 -7.64	31.99 1.79 -8.84	31.63 1.69 -8.53	32.54 1.73 -9.47	33.11 1.79 -9.96	31.55 1.83 -7.97	32.67 1.92 -7.88	32.34 1.97 -6.60	34.09 1.86 -9.79	34.06 2.13 -6.02	40.28 2.09 -13.05	38.56 2.15 -9.61	37.34 2.32 -5.28	31.05 1.77 -6.67	26.94 1.86 -2.44	24.91 1.86 -1.66	22.70 1.43 0.00
EAST RIVER___7 23524	21.76 1.50 0.00	19.60 1.37 0.00	18.64 1.27 0.00	17.72 1.17 0.00	17.75 1.08 0.00	20.26 1.20 0.00	26.49 1.76 -3.24	30.73 1.73 -7.64	31.99 1.79 -8.84	31.63 1.69 -8.53	32.54 1.73 -9.47	33.11 1.79 -9.96	31.55 1.83 -7.97	32.67 1.92 -7.88	32.34 1.97 -6.60	34.09 1.86 -9.79	34.06 2.13 -6.02	40.28 2.09 -13.05	38.56 2.15 -9.61	37.34 2.32 -5.28	31.05 1.77 -6.67	26.94 1.86 -2.44	24.91 1.86 -1.66	22.70 1.43 0.00
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	21.60 1.34 0.00	19.46 1.22 0.00	18.48 1.11 0.00	17.57 1.03 0.00	17.63 0.97 0.00	20.18 1.12 0.00	26.34 1.59 -3.27	30.58 1.54 -7.68	31.80 1.56 -8.88	31.55 1.52 -8.62	32.53 1.58 -9.61	33.05 1.58 -10.10	31.47 1.63 -8.09	32.55 1.69 -7.99	32.19 1.73 -6.70	34.07 1.71 -9.93	33.96 1.94 -6.10	40.26 1.89 -13.23	38.53 1.98 -9.73	37.23 2.17 -5.32	30.97 1.65 -6.70	26.84 1.72 -2.48	24.73 1.65 -1.68	22.47 1.19 0.00
EAST_HAMPTON___DIESEL 23722	34.32 3.12 -10.94	25.66 2.84 -4.59	24.31 2.69 -4.25	23.14 2.53 -4.06	27.98 2.42 -8.90	32.65 2.82 -10.77	34.04 3.61 -8.94	37.68 3.59 -12.73	38.43 3.68 -13.39	39.70 4.02 -14.26	41.77 3.67 -16.76	42.45 3.80 -17.28	42.74 3.94 -17.05	46.42 3.91 -19.64	46.48 4.06 -18.65	43.57 3.97 -17.16	44.18 4.53 -13.73	50.99 4.47 -21.37	85.41 4.64 -53.96	83.04 5.08 -48.22	43.72 3.89 -17.21	32.66 4.19 -5.83	29.52 4.05 -4.07	27.56 3.68 -2.60
EAST_PULASKI___ESR 323781	20.69 0.43 0.00	18.60 0.36 0.00	17.72 0.35 0.00	16.94 0.40 0.00	17.08 0.42 0.00	19.50 0.44 0.00	22.12 0.56 -0.07	22.22 0.56 -0.30	22.22 0.53 -0.32	22.08 0.56 -0.11	21.85 0.51 0.00	21.94 0.58 0.00	22.32 0.57 0.00	23.44 0.57 0.00	24.36 0.59 0.00	22.88 0.43 -0.01	26.46 0.54 0.00	25.91 0.68 -0.10	27.44 0.62 -0.02	30.51 0.71 -0.06	23.44 0.54 -0.28	23.20 0.54 -0.02	21.89 0.49 0.00	21.81 0.53 0.00
EAST_RIVER___1 323558	21.74 1.48 0.00	19.58 1.35 0.00	18.60 1.23 0.00	17.68 1.14 0.00	17.73 1.07 0.00	20.24 1.18 0.00	26.46 1.74 -3.24	30.71 1.71 -7.64	31.93 1.73 -8.84	31.59 1.65 -8.53	32.49 1.69 -9.47	33.07 1.75 -9.96	31.51 1.78 -7.97	32.60 1.85 -7.88	32.29 1.92 -6.60	34.05 1.82 -9.79	34.01 2.07 -6.02	40.23 2.04 -13.05	38.53 2.12 -9.61	37.31 2.29 -5.28	31.05 1.77 -6.67	26.94 1.86 -2.44	24.89 1.84 -1.66	22.68 1.40 0.00
EAST_RIVER___2 323559	21.76 1.50 0.00	19.60 1.37 0.00	18.64 1.27 0.00	17.72 1.17 0.00	17.75 1.08 0.00	20.26 1.20 0.00	26.49 1.76 -3.24	30.73 1.73 -7.64	31.99 1.79 -8.84	31.63 1.69 -8.53	32.54 1.73 -9.47	33.11 1.79 -9.96	31.55 1.83 -7.97	32.67 1.92 -7.88	32.34 1.97 -6.60	34.09 1.86 -9.79	34.06 2.13 -6.02	40.28 2.09 -13.05	38.56 2.15 -9.61	37.34 2.32 -5.28	31.05 1.77 -6.67	26.94 1.86 -2.44	24.91 1.86 -1.66	22.70 1.43 0.00
EAST___DELAWARE_HYD 23607	21.28 1.01 0.00	19.15 0.91 0.00	18.20 0.83 0.00	17.30 0.76 0.00	17.28 0.62 0.00	19.74 0.69 0.00	23.86 1.10 -1.28	26.38 0.96 -4.05	26.85 0.96 -4.53	25.06 0.92 -2.73	24.26 0.94 -1.98	24.48 0.96 -2.15	24.44 0.98 -1.71	25.62 1.05 -1.70	26.31 1.07 -1.47	25.76 1.08 -2.24	28.49 1.22 -1.36	29.95 1.31 -3.50	30.39 1.31 -2.27	33.00 1.52 -1.75	27.32 1.13 -3.57	24.46 1.18 -0.65	22.87 1.13 -0.34	22.17 0.89 0.00
EIGHT_POINT___WT_PWR 323820	20.67 0.41 0.00	18.60 0.36 0.00	17.74 0.37 0.00	16.96 0.41 0.00	17.05 0.38 0.00	19.52 0.46 0.00	21.85 0.17 -0.19	24.53 0.24 -2.93	24.89 0.34 -3.19	21.69 0.00 -0.28	21.51 0.17 0.00	21.81 0.45 0.00	22.43 0.67 0.00	23.42 0.55 0.00	24.36 0.59 0.00	23.15 0.67 -0.04	26.56 0.65 0.00	26.20 0.80 -0.26	27.25 0.40 -0.04	30.08 0.21 -0.14	23.58 0.27 -0.69	23.36 0.68 -0.04	22.19 0.79 0.00	22.17 0.89 0.00
ELBRIDGE_115KV_TB2 80188	20.22 -0.04 0.00	18.20 -0.04 0.00	17.34 -0.03 0.00	16.54 0.00 0.00	16.66 0.00 0.00	19.04 -0.02 0.00	21.62 0.04 -0.09	21.77 0.04 -0.37	21.79 0.04 -0.39	21.61 0.06 -0.13	21.34 0.00 0.00	21.36 0.00 0.00	21.75 0.00 0.00	22.85 -0.02 0.00	23.71 -0.05 0.00	22.37 -0.09 -0.02	25.81 -0.10 0.00	26.24 0.98 -0.12	26.89 0.05 -0.02	29.87 0.06 -0.08	23.06 0.05 -0.40	22.68 0.02 -0.02	21.44 0.04 0.00	21.38 0.11 0.00
ELEC_TRO_TEK 24086	32.86 1.66 -10.94	24.33 1.51 -4.59	23.03 1.41 -4.25	21.92 1.31 -4.06	26.82 1.25 -8.90	31.26 1.43 -10.77	32.34 1.91 -8.94	35.96 1.88 -12.71	36.60 1.90 -13.34	37.46 1.84 -14.21	40.03 1.94 -16.75	40.56 1.92 -17.27	40.77 1.98 -17.04	44.54 2.04 -19.63	44.50 2.09 -18.64	34.80 2.04 -10.32	36.10 2.36 -7.83	41.85 2.26 -14.45	39.20 2.39 -10.01	38.02 2.62 -5.67	33.86 2.01 -9.23	28.87 2.11 -4.13	26.33 2.08 -2.85	24.16 1.60 -1.29
ELLENBURG_WT_PWR 323604	19.27 -0.99 0.00	17.29 -0.95 0.00	16.57 -0.80 0.00	15.78 -0.76 0.00	15.93 -0.73 0.00	18.28 -0.78 0.00	20.45 -1.03 0.00	20.30 -1.07 0.00	20.30 -1.07 0.00	20.55 -0.86 0.00	20.53 -0.81 0.00	20.47 -0.90 0.00	20.84 -0.91 0.00	22.05 -0.82 0.00	22.93 -0.83 0.00	21.79 -0.65 0.00	25.24 -0.67 0.00	24.59 -0.55 0.00	26.09 -0.72 0.00	29.02 -0.71 0.00	21.96 -0.66 0.00	22.12 -0.52 0.00	20.86 -0.53 0.00	20.81 -0.47 0.00
ELM_ST_23_KV_LD_REV_LBMP_A 345012	20.30 0.04 0.00	18.29 0.05 0.00	17.44 0.07 0.00	16.59 0.05 0.00	16.63 -0.03 0.00	18.93 -0.13 0.00	21.10 -0.54 -0.15	20.42 -0.68 0.26	20.44 -0.62 0.30	20.97 -0.66 -0.23	21.04 -0.30 0.00	21.06 -0.30 0.00	21.71 -0.04 0.00	22.55 -0.32 0.00	23.38 -0.38 0.00	22.56 0.09 -0.03	25.76 -0.16 0.00	24.94 -0.40 -0.20	26.23 -0.62 -0.03	29.05 -0.80 -0.11	22.67 -0.52 -0.58	22.44 -0.23 -0.03	21.44 0.04 0.00	21.40 0.13 0.00
EMPIRE_CC_1 323656	20.77 0.51 0.00	18.71 0.47 0.00	17.84 0.47 0.00	16.96 0.41 0.00	17.13 0.47 0.00	19.61 0.55 0.00	24.24 0.58 -2.17	28.55 0.58 -6.61	28.63 0.58 -6.69	26.28 0.56 -4.31	25.81 0.55 -3.91	25.53 0.62 -3.54	25.31 0.63 -2.92	26.31 0.64 -2.80	26.37 0.66 -1.94	26.70 0.63 -3.63	28.29 0.72 -1.65	32.35 0.68 -6.53	30.56 0.75 -3.00	31.50 0.80 -0.96	29.04 0.61 -5.82	24.32 0.63 -1.05	22.64 0.54 -0.71	21.57 0.30 0.00

EMPIRE_CC_2 323658	20.77 0.51 0.00	18.71 0.47 0.00	17.84 0.47 0.00	16.96 0.41 0.00	17.13 0.47 0.00	19.61 0.55 0.00	24.24 0.58 -2.17	28.55 0.58 -6.61	28.63 0.58 -6.69	26.28 0.56 -4.31	25.81 0.55 -3.91	25.53 0.62 -3.54	25.31 0.63 -2.92	26.31 0.64 -2.80	26.37 0.66 -1.94	26.70 0.63 -3.63	28.29 0.72 -1.65	32.35 0.68 -6.53	30.56 0.75 -3.00	31.50 0.80 -0.96	29.04 0.61 -5.82	24.32 0.63 -1.05	22.64 0.54 -0.71	21.57 0.30 0.00
ENORWICH_115KV_TB1 80156	21.54 1.28 0.00	19.38 1.15 0.00	18.45 1.08 0.00	17.67 1.12 0.00	17.76 1.10 0.00	20.35 1.30 0.00	23.36 1.57 -0.30	24.36 1.64 -1.35	24.45 1.64 -1.44	23.42 1.56 -0.45	22.86 1.52 0.00	22.84 1.47 0.00	23.23 1.48 0.00	24.42 1.56 0.00	25.43 1.66 0.00	24.01 1.50 -0.06	28.04 2.13 0.00	27.54 2.01 -0.39	29.15 2.28 -0.06	32.37 2.41 -0.22	25.54 1.81 -1.11	24.53 1.83 -0.06	23.15 1.75 0.00	22.85 1.57 0.00
ERIE_ST__34_KV_TB1-2 80199	20.67 0.41 0.00	18.62 0.38 0.00	17.75 0.38 0.00	16.89 0.35 0.00	16.93 0.27 0.00	19.25 0.19 0.00	20.95 -0.69 -0.16	20.70 -0.53 0.13	20.99 -0.21 0.16	20.89 -0.75 -0.23	21.49 0.15 0.00	21.53 0.17 0.00	22.19 0.44 0.00	23.05 0.18 0.00	23.90 0.14 0.00	22.94 0.47 -0.03	26.38 0.47 0.00	24.92 -0.43 -0.21	26.49 -0.35 -0.03	29.05 -0.80 -0.12	22.67 -0.54 -0.59	22.76 0.09 -0.03	21.87 0.47 0.00	21.85 0.57 0.00
ERIE_WT_PWR 323693	20.51 0.24 0.00	18.45 0.22 0.00	17.58 0.21 0.00	16.73 0.18 0.00	16.75 0.08 0.00	19.14 0.08 0.00	21.17 -0.47 -0.16	20.58 -0.58 0.21	20.68 -0.43 0.25	20.87 -0.77 -0.23	20.83 -0.51 0.00	21.26 -0.11 0.00	21.88 0.13 0.00	22.76 -0.11 0.00	23.60 -0.17 0.00	22.54 0.07 -0.03	25.63 -0.28 0.00	25.22 -0.13 -0.21	26.12 -0.72 -0.03	28.63 -1.22 -0.11	22.50 -0.68 -0.57	22.58 -0.09 -0.03	21.57 0.17 0.00	21.70 0.43 0.00
ESPRGFLD_115KV_TB1 80157	21.24 0.97 0.00	19.11 0.88 0.00	18.17 0.80 0.00	17.34 0.79 0.00	17.41 0.75 0.00	19.94 0.88 0.00	23.06 1.12 -0.46	24.34 1.11 -1.86	24.51 1.13 -2.02	23.26 1.13 -0.71	22.50 1.15 -0.01	22.56 1.15 -0.05	22.96 1.17 -0.03	24.14 1.23 -0.04	25.08 1.26 -0.06	23.75 1.17 -0.14	27.46 1.48 -0.06	27.09 1.36 -0.60	28.51 1.53 -0.18	31.83 1.64 -0.45	25.49 1.22 -1.66	23.99 1.25 -0.10	22.57 1.18 0.00	22.19 0.91 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	20.83 0.57 0.00	18.73 0.49 0.00	17.82 0.45 0.00	17.02 0.48 0.00	17.15 0.48 0.00	19.59 0.53 0.00	22.36 0.67 -0.21	23.12 0.70 -1.05	23.21 0.73 -1.12	22.41 0.69 -0.31	22.03 0.68 0.00	22.03 0.66 0.00	22.42 0.67 0.00	23.56 0.69 0.00	24.48 0.71 0.00	23.13 0.65 -0.04	26.77 0.86 0.00	26.37 0.96 -0.27	27.68 0.83 -0.04	30.78 0.89 -0.16	24.06 0.66 -0.79	23.36 0.68 -0.04	22.04 0.64 0.00	21.89 0.62 0.00
ETNA_____115KV_TB2 80207	20.83 0.57 0.00	18.73 0.49 0.00	17.82 0.45 0.00	17.02 0.48 0.00	17.15 0.48 0.00	19.59 0.53 0.00	22.36 0.67 -0.21	23.12 0.70 -1.05	23.21 0.73 -1.12	22.41 0.69 -0.31	22.03 0.68 0.00	22.03 0.66 0.00	22.42 0.67 0.00	23.56 0.69 0.00	24.48 0.71 0.00	23.13 0.65 -0.04	26.77 0.86 0.00	26.37 0.96 -0.27	27.68 0.83 -0.04	30.78 0.89 -0.16	24.06 0.66 -0.79	23.36 0.68 -0.04	22.04 0.64 0.00	21.89 0.62 0.00
EUCLID__115KV_TB2 356179	20.20 -0.06 0.00	18.16 -0.07 0.00	17.30 -0.07 0.00	16.51 -0.03 0.00	16.63 -0.03 0.00	19.00 -0.06 0.00	21.54 -0.02 -0.08	21.67 -0.02 -0.33	21.67 -0.04 -0.35	21.53 0.00 -0.12	21.30 -0.04 0.00	21.32 -0.04 0.00	21.71 -0.04 0.00	22.80 -0.07 0.00	23.69 -0.07 0.00	22.35 -0.11 -0.02	25.79 -0.13 0.00	25.22 -0.03 -0.10	26.64 -0.19 -0.02	29.62 -0.18 -0.06	22.77 -0.16 -0.31	22.47 -0.18 -0.02	21.25 -0.15 0.00	21.21 -0.06 0.00
E_CANADA_CAP_HY 24051	21.93 1.66 0.00	19.73 1.50 0.00	18.74 1.37 0.00	17.82 1.27 0.00	18.13 1.47 0.00	20.89 1.83 0.00	25.77 2.17 -2.12	30.25 2.22 -6.67	30.52 2.18 -6.98	27.74 2.10 -4.24	26.89 2.11 -3.44	26.80 2.16 -3.28	26.65 2.22 -2.68	27.75 2.29 -2.59	28.17 2.47 -1.94	28.16 2.31 -3.40	30.41 2.80 -1.69	33.67 2.54 -5.99	32.77 2.95 -3.01	34.48 3.21 -1.53	30.93 2.44 -5.87	26.11 2.47 -1.00	24.15 2.14 -0.62	23.02 1.75 0.00
E_CANADA_MHWK_HY 24050	20.18 -0.08 0.00	18.16 -0.07 0.00	17.28 -0.09 0.00	16.46 -0.08 0.00	16.56 -0.10 0.00	18.93 -0.13 0.00	21.38 -0.11 0.00	21.26 -0.11 0.00	21.32 -0.04 0.00	21.41 0.00 0.00	21.30 -0.04 0.00	21.36 0.00 0.00	21.75 0.00 0.00	22.85 -0.02 0.00	23.74 -0.02 0.00	22.42 -0.02 0.00	25.94 0.03 0.00	25.11 -0.03 0.00	26.78 -0.03 0.00	29.68 -0.06 0.00	22.55 -0.07 0.00	22.59 -0.05 0.00	21.35 -0.04 0.00	21.30 0.02 0.00
E_FISHKILL__LBMP 23776	21.46 1.20 0.00	19.33 1.09 0.00	18.38 1.01 0.00	17.45 0.91 0.00	17.55 0.88 0.00	20.07 1.01 0.00	25.84 1.40 -2.96	30.01 1.35 -7.30	31.19 1.37 -8.46	30.38 1.33 -7.64	30.83 1.39 -8.10	31.35 1.39 -8.60	30.06 1.44 -6.87	31.16 1.49 -6.80	31.04 1.52 -5.76	32.44 1.50 -8.49	32.89 1.71 -5.27	38.21 1.66 -11.41	36.96 1.74 -8.41	36.57 1.93 -4.90	30.47 1.47 -6.39	26.30 1.52 -2.15	24.27 1.45 -1.41	22.30 1.02 0.00
FALCON__SEABRD_CC1 323796	19.39 -0.87 0.00	17.41 -0.82 0.00	16.69 -0.68 0.00	15.88 -0.66 0.00	16.03 -0.63 0.00	18.41 -0.65 0.00	20.60 -0.88 0.00	20.45 -0.92 0.00	20.47 -0.90 0.00	20.70 -0.71 0.00	20.72 -0.62 0.00	20.66 -0.70 0.00	21.03 -0.72 0.00	22.25 -0.62 0.00	23.14 -0.62 0.00	21.99 -0.45 0.00	25.45 -0.47 0.00	24.79 -0.35 0.00	26.30 -0.51 0.00	29.23 -0.51 0.00	22.12 -0.50 0.00	22.28 -0.36 0.00	20.99 -0.41 0.00	20.96 -0.32 0.00
FALCON__SEABRD_CC2 323797	19.39 -0.87 0.00	17.41 -0.82 0.00	16.69 -0.68 0.00	15.88 -0.66 0.00	16.03 -0.63 0.00	18.41 -0.65 0.00	20.60 -0.88 0.00	20.45 -0.92 0.00	20.47 -0.90 0.00	20.70 -0.71 0.00	20.72 -0.62 0.00	20.66 -0.70 0.00	21.03 -0.72 0.00	22.25 -0.62 0.00	23.14 -0.62 0.00	21.99 -0.45 0.00	25.45 -0.47 0.00	24.79 -0.35 0.00	26.30 -0.51 0.00	29.23 -0.51 0.00	22.12 -0.50 0.00	22.28 -0.36 0.00	20.99 -0.41 0.00	20.96 -0.32 0.00
FAR ROCKAWAY__4 23548	33.12 1.93 -10.94	24.55 1.73 -4.59	23.22 1.60 -4.25	22.10 1.49 -4.06	27.00 1.43 -8.90	31.49 1.66 -10.77	32.60 2.17 -8.94	36.21 2.14 -12.71	36.88 2.18 -13.34	37.74 2.12 -14.21	40.31 2.22 -16.75	40.85 2.22 -17.27	41.09 2.31 -17.04	44.86 2.36 -19.63	44.83 2.42 -18.64	35.20 2.45 -10.32	36.54 2.80 -7.83	42.25 2.66 -14.45	39.66 2.84 -10.01	38.53 3.12 -5.67	34.24 2.40 -9.23	29.21 2.44 -4.13	26.65 2.40 -2.85	24.48 1.91 -1.29
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	21.74 1.48 0.00	19.58 1.35 0.00	18.60 1.23 0.00	17.69 1.14 0.00	17.73 1.07 0.00	20.26 1.20 0.00	26.46 1.74 -3.24	30.74 1.73 -7.64	31.93 1.73 -8.84	31.61 1.67 -8.53	32.56 1.75 -9.47	33.07 1.75 -9.96	31.51 1.78 -7.97	32.60 1.85 -7.88	32.29 1.92 -6.60	34.05 1.82 -9.79	34.01 2.07 -6.02	40.20 2.01 -13.05	38.53 2.12 -9.61	37.34 2.32 -5.28	31.07 1.79 -6.67	26.96 1.88 -2.44	24.89 1.84 -1.66	22.57 1.30 0.00

FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	21.74 1.48 0.00	19.58 1.35 0.00	18.60 1.23 0.00	17.69 1.14 0.00	17.73 1.07 0.00	20.26 1.20 0.00	26.46 1.74 -3.24	30.74 1.73 -7.64	31.93 1.73 -8.84	31.61 1.67 -8.53	32.56 1.75 -9.47	33.07 1.75 -9.96	31.51 1.78 -7.97	32.60 1.85 -7.88	32.29 1.92 -6.60	34.05 1.82 -9.79	34.01 2.07 -6.02	40.20 2.01 -13.05	38.53 2.12 -9.61	37.34 2.32 -5.28	31.07 1.79 -6.67	26.96 1.88 -2.44	24.91 1.86 -1.66	22.57 1.30 0.00
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	21.74 1.48 0.00	19.58 1.35 0.00	18.60 1.23 0.00	17.69 1.14 0.00	17.71 1.05 0.00	20.26 1.20 0.00	26.46 1.74 -3.24	30.71 1.71 -7.64	31.93 1.73 -8.84	31.61 1.67 -8.53	32.54 1.73 -9.47	33.05 1.73 -9.96	31.51 1.78 -7.97	32.60 1.85 -7.88	32.27 1.90 -6.60	34.05 1.82 -9.79	34.01 2.07 -6.02	40.18 1.99 -13.05	38.51 2.09 -9.61	37.31 2.29 -5.28	31.05 1.76 -6.67	26.94 1.86 -2.44	24.89 1.84 -1.66	22.55 1.28 0.00
FARRAGUT___LBMP 323566	21.72 1.46 0.00	19.57 1.33 0.00	18.59 1.22 0.00	17.67 1.12 0.00	17.71 1.05 0.00	20.24 1.18 0.00	26.44 1.72 -3.24	30.69 1.69 -7.64	31.91 1.71 -8.84	31.59 1.65 -8.53	32.52 1.71 -9.47	33.03 1.71 -9.96	31.49 1.76 -7.97	32.57 1.83 -7.88	32.24 1.88 -6.60	34.02 1.80 -9.79	33.99 2.05 -6.02	40.15 1.96 -13.05	38.48 2.06 -9.61	37.28 2.26 -5.28	31.03 1.74 -6.67	26.92 1.83 -2.44	24.87 1.82 -1.66	22.55 1.28 0.00
FENNER___WINDPWR 24204	20.67 0.41 0.00	18.60 0.36 0.00	17.70 0.33 0.00	16.91 0.36 0.00	17.01 0.35 0.00	19.48 0.42 0.00	22.12 0.51 -0.12	22.35 0.51 -0.47	22.40 0.53 -0.50	22.07 0.49 -0.17	21.79 0.45 0.00	21.86 0.49 0.00	22.25 0.50 0.00	23.37 0.50 0.00	24.31 0.55 0.00	22.91 0.45 -0.02	26.54 0.62 0.00	25.92 0.63 -0.16	27.42 0.59 -0.02	30.47 0.65 -0.08	23.50 0.48 -0.41	23.14 0.48 -0.02	21.85 0.45 0.00	21.77 0.49 0.00
FIBERTEK___ENERGY 23856	20.43 0.16 0.00	18.36 0.13 0.00	17.49 0.12 0.00	16.71 0.17 0.00	16.83 0.17 0.00	19.23 0.17 0.00	21.83 0.26 -0.09	22.00 0.28 -0.36	22.02 0.28 -0.38	21.86 0.32 -0.13	21.60 0.26 0.00	21.62 0.26 0.00	22.01 0.26 0.00	23.12 0.25 0.00	24.02 0.26 0.00	22.62 0.16 -0.02	26.12 0.21 0.00	26.03 0.78 -0.11	27.10 0.27 -0.02	30.11 0.30 -0.07	23.19 0.20 -0.37	22.84 0.18 -0.02	21.57 0.17 0.00	21.53 0.26 0.00
FITZPATRICK____ 23598	19.86 -0.41 0.00	17.85 -0.38 0.00	17.00 -0.37 0.00	16.21 -0.33 0.00	16.33 -0.33 0.00	18.68 -0.38 0.00	21.13 -0.41 -0.05	21.15 -0.43 -0.21	21.14 -0.45 -0.23	21.04 -0.45 -0.08	20.89 -0.45 0.00	20.87 -0.49 0.00	21.27 -0.48 0.00	22.34 -0.53 0.00	23.22 -0.55 0.00	21.91 -0.54 -0.01	25.29 -0.62 0.00	24.58 -0.63 -0.07	26.18 -0.64 -0.01	29.06 -0.71 -0.04	22.30 -0.52 -0.20	22.08 -0.57 -0.01	20.91 -0.49 0.00	20.91 -0.36 0.00
FLOWRFLD_69_KV_BK1 356044	33.49 2.29 -10.94	24.92 2.10 -4.59	23.58 1.96 -4.25	22.44 1.84 -4.06	27.33 1.77 -8.90	31.89 2.06 -10.77	33.12 2.69 -8.94	36.73 2.63 -12.74	37.40 2.63 -13.41	38.29 2.59 -14.29	40.80 2.69 -16.77	41.34 2.69 -17.29	41.57 2.76 -17.06	45.29 2.77 -19.65	45.30 2.88 -18.66	44.50 2.87 -19.19	42.82 3.32 -13.58	50.60 3.22 -22.24	101.35 3.40 -71.14	98.31 3.75 -64.83	42.33 2.85 -16.86	29.85 3.06 -4.15	27.31 3.04 -2.88	25.13 2.55 -1.30
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	21.66 1.40 0.00	19.49 1.26 0.00	18.53 1.16 0.00	17.60 1.06 0.00	17.60 0.93 0.00	20.13 1.07 0.00	26.17 1.53 -3.16	30.27 1.37 -7.54	31.40 1.39 -8.65	31.01 1.37 -8.23	31.92 1.47 -9.10	32.34 1.45 -9.53	30.87 1.48 -7.64	31.94 1.53 -7.54	31.62 1.57 -6.29	33.39 1.57 -9.37	33.40 1.76 -5.72	39.52 1.76 -12.62	37.79 1.82 -9.16	36.82 2.11 -4.97	30.77 1.56 -6.60	26.62 1.63 -2.35	24.53 1.54 -1.60	22.40 1.13 0.00
FORT ORANGE____ 23900	20.75 0.49 0.00	18.67 0.44 0.00	17.82 0.45 0.00	16.96 0.41 0.00	17.11 0.45 0.00	19.59 0.53 0.00	24.23 0.60 -2.14	28.55 0.60 -6.59	28.85 0.60 -6.89	26.36 0.60 -4.36	25.65 0.60 -3.71	25.55 0.64 -3.55	25.29 0.65 -2.89	26.36 0.69 -2.80	26.57 0.71 -2.10	26.76 0.67 -3.65	28.53 0.78 -1.84	32.14 0.73 -6.28	30.84 0.80 -3.23	32.19 0.89 -1.56	29.09 0.68 -5.80	24.37 0.68 -1.05	22.62 0.56 -0.66	21.62 0.34 0.00
FORT_DRUM_COGEN 23780	20.87 0.61 0.00	18.80 0.57 0.00	17.91 0.54 0.00	17.16 0.61 0.00	17.26 0.60 0.00	19.74 0.69 0.00	22.42 0.88 -0.06	22.43 0.83 -0.23	22.38 0.77 -0.25	22.26 0.77 -0.08	21.98 0.64 0.00	22.07 0.70 0.00	22.40 0.65 0.00	23.58 0.71 0.00	24.55 0.78 0.00	23.08 0.63 -0.01	26.72 0.80 0.00	26.04 0.83 -0.07	27.89 1.07 -0.01	30.97 1.19 -0.04	23.70 0.88 -0.20	23.51 0.86 -0.01	22.21 0.81 0.00	22.04 0.77 0.00
FPL_FAR_ROCK_GT1 24212	33.13 1.93 -10.94	24.55 1.73 -4.59	23.22 1.60 -4.25	22.10 1.49 -4.06	27.00 1.43 -8.90	31.47 1.64 -10.77	32.60 2.17 -8.94	36.21 2.14 -12.71	36.88 2.18 -13.34	37.93 2.31 -14.21	40.24 2.15 -16.75	40.85 2.22 -17.27	41.09 2.30 -17.04	44.86 2.36 -19.63	44.83 2.42 -18.64	35.70 2.42 -10.84	38.32 2.77 -9.63	43.68 2.72 -15.82	40.02 2.81 -10.40	38.89 3.09 -6.06	36.76 2.37 -11.77	30.90 2.45 -5.82	27.83 2.37 -4.06	25.91 2.04 -2.59
FPL_FAR_ROCK_GT2 23815	33.13 1.93 -10.94	24.55 1.73 -4.59	23.22 1.60 -4.25	22.10 1.49 -4.06	27.00 1.43 -8.90	31.47 1.64 -10.77	32.60 2.17 -8.94	36.21 2.14 -12.71	36.88 2.18 -13.34	37.93 2.31 -14.21	40.24 2.15 -16.75	40.85 2.22 -17.27	41.09 2.30 -17.04	44.86 2.36 -19.63	44.83 2.42 -18.64	35.70 2.42 -10.84	38.32 2.77 -9.63	43.68 2.72 -15.82	40.02 2.81 -10.40	38.89 3.09 -6.06	36.76 2.37 -11.77	30.90 2.45 -5.82	27.83 2.37 -4.06	25.91 2.04 -2.59
FRANKLIN_FALL_HYD 24054	19.51 -0.75 0.00	17.54 -0.69 0.00	16.78 -0.59 0.00	15.98 -0.56 0.00	16.13 -0.53 0.00	18.49 -0.57 0.00	20.71 -0.77 0.00	20.57 -0.79 0.00	20.59 -0.77 0.00	20.75 -0.66 0.00	20.79 -0.55 0.00	20.77 -0.60 0.00	21.14 -0.61 0.00	22.37 -0.50 0.00	23.24 -0.52 0.00	22.08 -0.36 0.00	25.53 -0.39 0.00	24.86 -0.28 0.00	26.41 -0.40 0.00	29.29 -0.45 0.00	22.30 -0.32 0.00	22.34 -0.29 0.00	21.05 -0.34 0.00	21.06 -0.21 0.00
FREEPORT_EQUS_GT1 23764	33.04 1.84 -10.94	24.50 1.68 -4.59	23.16 1.55 -4.25	22.05 1.44 -4.06	26.95 1.38 -8.90	31.39 1.56 -10.77	32.54 2.11 -8.94	36.13 2.05 -12.72	36.80 2.09 -13.34	37.89 2.27 -14.21	40.16 2.07 -16.75	40.75 2.12 -17.27	40.98 2.20 -17.04	44.75 2.24 -19.63	44.71 2.30 -18.64	35.54 2.27 -10.84	38.13 2.59 -9.63	43.53 2.57 -15.82	39.86 2.65 -10.40	38.68 2.88 -6.06	36.63 2.24 -11.77	30.81 2.35 -5.82	27.77 2.31 -4.06	25.85 1.98 -2.59
FREEPORT___CT2 23818	33.04 1.84 -10.94	24.50 1.68 -4.59	23.16 1.55 -4.25	22.05 1.44 -4.06	26.95 1.38 -8.90	31.39 1.56 -10.77	32.54 2.11 -8.94	36.13 2.05 -12.72	36.80 2.09 -13.34	37.89 2.27 -14.21	40.16 2.07 -16.75	40.75 2.12 -17.27	40.98 2.20 -17.04	44.75 2.24 -19.63	44.71 2.30 -18.64	35.54 2.27 -10.84	38.13 2.59 -9.63	43.53 2.57 -15.82	39.86 2.65 -10.40	38.68 2.88 -6.06	36.63 2.24 -11.77	30.81 2.35 -5.82	27.77 2.31 -4.06	25.85 1.98 -2.59

FRESHKLS_33_KV_LOAD 356253	21.91 1.64 0.00	19.71 1.48 0.00	18.76 1.39 0.00	17.80 1.26 0.00	17.90 1.23 0.00	20.34 1.28 0.00	26.48 1.76 -3.24	30.66 1.67 -7.63	31.89 1.71 -8.82	31.57 1.65 -8.51	32.60 1.81 -9.44	32.57 1.84 -9.37	31.10 1.85 -7.50	32.00 1.99 -7.14	31.89 2.04 -6.08	32.16 1.97 -7.74	32.71 2.28 -4.51	32.71 2.19 -5.38	32.72 2.33 -3.57	32.80 2.59 -0.48	31.07 1.79 -6.67	26.96 1.88 -2.44	24.91 1.86 -1.66	22.72 1.45 0.00
FULTON COGEN____ 23766	20.61 0.34 0.00	18.53 0.29 0.00	17.65 0.28 0.00	16.86 0.31 0.00	17.00 0.33 0.00	19.42 0.36 0.00	22.06 0.49 -0.08	22.22 0.53 -0.32	22.26 0.56 -0.34	22.10 0.58 -0.12	21.88 0.53 0.00	21.88 0.51 0.00	22.27 0.52 0.00	23.37 0.50 0.00	24.28 0.52 0.00	22.86 0.40 -0.02	26.43 0.52 0.00	25.90 0.65 -0.10	27.34 0.51 -0.02	30.36 0.56 -0.06	23.35 0.43 -0.31	23.06 0.41 -0.02	21.76 0.36 0.00	21.70 0.43 0.00
FULTON____LFGE 323630	22.17 1.90 0.00	19.91 1.68 0.00	18.90 1.53 0.00	17.97 1.42 0.00	18.33 1.67 0.00	21.12 2.06 0.00	26.05 2.45 -2.12	30.55 2.52 -6.67	30.88 2.54 -6.98	28.15 2.50 -4.24	27.27 2.50 -3.44	27.18 2.54 -3.28	27.04 2.61 -2.68	28.18 2.72 -2.59	28.65 2.95 -1.94	28.65 2.80 -3.40	31.00 3.39 -1.69	34.12 2.99 -5.99	33.28 3.46 -3.01	34.98 3.72 -1.53	31.34 2.85 -5.87	26.52 2.88 -1.00	24.49 2.48 -0.62	23.32 2.04 0.00
G.F.CEMENT____DRP 24184	21.74 1.48 0.00	19.51 1.28 0.00	18.55 1.18 0.00	17.64 1.09 0.00	17.91 1.25 0.00	20.56 1.51 0.00	25.38 1.76 -2.13	29.85 1.82 -6.67	30.11 1.82 -6.93	27.56 1.91 -4.25	26.80 1.94 -3.52	26.65 1.97 -3.32	26.29 1.83 -2.72	27.37 1.88 -2.63	27.66 1.97 -1.93	27.72 1.84 -3.44	29.64 2.05 -1.67	33.17 1.94 -6.09	32.06 2.25 -3.00	33.59 2.44 -1.41	30.46 1.97 -5.88	25.64 1.99 -1.01	23.78 1.75 -0.63	22.62 1.34 0.00
GARDENVILLE____LBMP 24039	20.39 0.12 0.00	18.34 0.11 0.00	17.49 0.12 0.00	16.66 0.12 0.00	16.68 0.02 0.00	18.98 -0.08 0.00	21.10 -0.54 -0.16	20.41 -0.64 0.32	20.46 -0.53 0.37	20.98 -0.66 -0.23	21.13 -0.21 0.00	21.17 -0.19 0.00	21.82 0.07 0.00	22.66 -0.21 0.00	23.50 -0.26 0.00	22.65 0.18 -0.03	25.92 0.00 0.00	24.99 -0.35 -0.21	26.33 -0.51 -0.03	29.11 -0.74 -0.12	22.73 -0.47 -0.59	22.56 -0.11 -0.03	21.55 0.15 0.00	21.51 0.23 0.00
GARDNVLA_35_KV_LD 355827	20.49 0.22 0.00	18.45 0.22 0.00	17.60 0.23 0.00	16.74 0.20 0.00	16.78 0.12 0.00	19.08 0.02 0.00	21.19 -0.45 -0.16	20.66 -0.45 0.17	20.73 -0.43 0.21	21.06 -0.58 -0.23	21.26 -0.09 0.00	21.28 -0.09 0.00	21.92 0.17 0.00	22.78 -0.09 0.00	23.64 -0.12 0.00	22.76 0.29 -0.03	26.05 0.13 0.00	25.09 -0.25 -0.21	26.47 -0.38 -0.03	29.23 -0.62 -0.12	22.82 -0.38 -0.59	22.67 0.00 -0.03	21.67 0.28 0.00	21.64 0.36 0.00
GELCKHM__115KV_LOAD 80723	20.28 0.02 0.00	18.23 0.00 0.00	17.37 0.00 0.00	16.58 0.03 0.00	16.70 0.03 0.00	19.08 0.02 0.00	21.65 0.09 -0.08	21.79 0.09 -0.34	21.81 0.09 -0.36	21.66 0.13 -0.12	21.41 0.06 0.00	21.43 0.06 0.00	21.82 0.07 0.00	22.91 0.05 0.00	23.81 0.05 0.00	22.44 -0.02 -0.02	25.92 0.00 0.00	25.52 0.28 -0.11	26.83 0.00 -0.02	29.80 0.00 -0.07	22.92 -0.02 -0.33	22.61 -0.05 -0.02	21.38 -0.02 0.00	21.34 0.06 0.00
GENERAL____MILLS 23808	20.45 0.18 0.00	18.42 0.18 0.00	17.56 0.19 0.00	16.71 0.17 0.00	16.75 0.08 0.00	19.06 0.00 0.00	21.15 -0.49 -0.16	20.58 -0.58 0.21	20.64 -0.47 0.25	21.02 -0.62 -0.23	21.21 -0.13 0.00	21.24 -0.13 0.00	21.88 0.13 0.00	22.73 -0.14 0.00	23.60 -0.17 0.00	22.72 0.25 -0.03	25.99 0.08 0.00	25.04 -0.30 -0.21	26.41 -0.43 -0.03	29.17 -0.68 -0.12	22.77 -0.43 -0.59	22.63 -0.05 -0.03	21.63 0.24 0.00	21.60 0.32 0.00
GE_PLASTICS____DRP 24183	20.77 0.51 0.00	18.69 0.46 0.00	17.82 0.45 0.00	16.96 0.41 0.00	17.11 0.45 0.00	19.59 0.53 0.00	24.21 0.60 -2.12	28.53 0.60 -6.57	28.87 0.60 -6.91	26.35 0.60 -4.34	25.62 0.64 -3.64	25.52 0.64 -3.51	25.26 0.65 -2.86	26.33 0.69 -2.78	26.58 0.71 -2.10	26.76 0.70 -3.62	28.57 0.80 -1.85	32.08 0.75 -6.19	30.85 0.80 -3.24	32.29 0.89 -1.66	29.06 0.66 -5.79	24.36 0.68 -1.05	22.65 0.60 -0.65	21.57 0.30 0.00
GILBOA____1 23756	20.91 0.65 0.00	18.84 0.60 0.00	17.93 0.56 0.00	17.06 0.51 0.00	17.18 0.52 0.00	19.65 0.59 0.00	23.78 0.75 -1.54	27.00 0.75 -4.89	27.40 0.75 -5.29	25.32 0.73 -3.18	24.49 0.73 -2.42	24.60 0.77 -2.47	24.54 0.81 -1.99	25.64 0.82 -1.95	26.20 0.85 -1.58	25.84 0.83 -2.57	28.27 0.93 -1.42	30.34 0.93 -4.27	30.19 0.94 -2.44	32.39 1.04 -1.61	27.71 0.79 -4.31	24.23 0.84 -0.75	22.59 0.77 -0.43	21.87 0.59 0.00
GILBOA____2 23757	20.91 0.65 0.00	18.84 0.60 0.00	17.93 0.56 0.00	17.06 0.51 0.00	17.18 0.52 0.00	19.65 0.59 0.00	23.78 0.75 -1.54	27.00 0.75 -4.89	27.40 0.75 -5.29	25.32 0.73 -3.18	24.49 0.73 -2.42	24.60 0.77 -2.47	24.54 0.81 -1.99	25.64 0.82 -1.95	26.20 0.85 -1.58	25.84 0.83 -2.57	28.27 0.93 -1.42	30.34 0.93 -4.27	30.19 0.94 -2.44	32.39 1.04 -1.61	27.71 0.79 -4.31	24.23 0.84 -0.75	22.59 0.77 -0.43	21.87 0.59 0.00
GILBOA____3 23758	20.91 0.65 0.00	18.84 0.60 0.00	17.93 0.56 0.00	17.06 0.51 0.00	17.18 0.52 0.00	19.65 0.59 0.00	23.78 0.75 -1.54	27.00 0.75 -4.89	27.40 0.75 -5.29	25.32 0.73 -3.18	24.49 0.73 -2.42	24.60 0.77 -2.47	24.54 0.81 -1.99	25.64 0.82 -1.95	26.20 0.85 -1.58	25.84 0.83 -2.57	28.27 0.93 -1.42	30.34 0.93 -4.27	30.19 0.94 -2.44	32.39 1.04 -1.61	27.71 0.79 -4.31	24.23 0.84 -0.75	22.59 0.77 -0.43	21.87 0.59 0.00
GILBOA____4 23759	20.91 0.65 0.00	18.84 0.60 0.00	17.93 0.56 0.00	17.06 0.51 0.00	17.18 0.52 0.00	19.65 0.59 0.00	23.78 0.75 -1.54	27.00 0.75 -4.89	27.40 0.75 -5.29	25.32 0.73 -3.18	24.49 0.73 -2.42	24.60 0.77 -2.47	24.54 0.81 -1.99	25.64 0.82 -1.95	26.20 0.85 -1.58	25.84 0.83 -2.57	28.27 0.93 -1.42	30.34 0.93 -4.27	30.19 0.94 -2.44	32.39 1.04 -1.61	27.71 0.79 -4.31	24.23 0.84 -0.75	22.59 0.77 -0.43	21.87 0.59 0.00
GILBOA____ 23599	20.91 0.65 0.00	18.84 0.60 0.00	17.93 0.56 0.00	17.06 0.51 0.00	17.18 0.52 0.00	19.67 0.61 0.00	23.78 0.75 -1.54	27.00 0.75 -4.89	27.40 0.75 -5.29	25.32 0.73 -3.18	24.55 0.79 -2.42	24.60 0.77 -2.47	24.54 0.80 -1.99	25.64 0.82 -1.95	26.20 0.86 -1.58	25.84 0.83 -2.57	28.30 0.96 -1.42	30.32 0.91 -4.27	30.22 0.97 -2.44	32.42 1.07 -1.62	27.74 0.81 -4.31	24.23 0.84 -0.75	22.62 0.79 -0.43	21.81 0.53 0.00
GINNA____ 23603	19.37 -0.89 0.00	17.41 -0.82 0.00	16.59 -0.78 0.00	15.85 -0.69 0.00	15.93 -0.73 0.00	18.16 -0.90 0.00	20.77 -0.82 -0.10	20.91 -0.88 -0.43	20.81 -1.00 -0.45	20.71 -0.86 -0.16	20.55 -0.79 0.00	20.45 -0.92 0.00	20.86 -0.89 0.00	21.91 -0.96 0.00	22.74 -1.02 0.00	21.52 -0.94 -0.02	24.70 -1.22 0.00	24.23 -1.05 -0.14	25.62 -1.21 -0.02	28.53 -1.28 -0.08	22.07 -0.93 -0.38	21.53 -1.13 -0.02	20.37 -1.03 0.00	20.32 -0.96 0.00

GLEN PARK____ 23778	20.95 0.69 0.00	18.87 0.64 0.00	17.98 0.61 0.00	17.22 0.68 0.00	17.35 0.68 0.00	19.82 0.76 0.00	22.53 0.99 -0.06	22.54 0.94 -0.23	22.49 0.88 -0.25	22.31 0.81 -0.09	22.05 0.70 0.00	22.15 0.79 0.00	22.49 0.74 0.00	23.67 0.80 0.00	24.62 0.85 0.00	23.15 0.70 -0.01	26.85 0.93 0.00	26.19 0.98 -0.07	27.97 1.15 -0.01	31.17 1.40 -0.04	23.82 1.02 -0.19	23.60 0.95 -0.01	22.25 0.86 0.00	22.17 0.89 0.00
GLENDALE_27_KV_LOAD 356172	21.88 1.62 0.00	19.71 1.48 0.00	18.73 1.35 0.00	17.80 1.26 0.00	17.83 1.17 0.00	20.35 1.30 0.00	26.61 1.89 -3.24	30.86 1.86 -7.64	32.08 1.88 -8.84	31.76 1.82 -8.53	32.71 1.90 -9.47	34.96 1.90 -11.69	33.06 1.96 -9.35	34.97 2.04 -10.06	34.00 2.09 -8.15	34.23 2.00 -9.79	34.22 2.28 -6.02	40.35 2.16 -13.05	38.72 2.31 -9.61	37.58 2.56 -5.28	31.23 1.94 -6.67	27.12 2.04 -2.44	25.06 2.01 -1.66	22.72 1.45 0.00
GLENWOOD_IC_1_G5 23712	32.98 1.78 -10.94	24.44 1.62 -4.59	23.13 1.51 -4.25	22.00 1.39 -4.06	26.92 1.35 -8.90	31.37 1.54 -10.77	32.49 2.06 -8.94	36.11 2.03 -12.72	36.75 2.05 -13.34	37.63 2.01 -14.21	40.20 2.11 -16.75	40.73 2.09 -17.27	40.96 2.18 -17.04	44.72 2.22 -19.63	44.69 2.28 -18.64	34.87 2.11 -10.32	36.15 2.41 -7.83	41.90 2.31 -14.45	39.25 2.44 -10.01	38.08 2.68 -5.67	33.90 2.06 -9.23	28.90 2.13 -4.13	26.31 2.05 -2.85	24.14 1.57 -1.29
GLENWOOD_IC_2_G1 23688	32.94 1.74 -10.94	24.41 1.59 -4.59	23.08 1.46 -4.25	21.97 1.36 -4.06	26.87 1.30 -8.90	31.30 1.47 -10.77	32.43 2.00 -8.94	36.04 1.96 -12.71	36.69 1.99 -13.34	37.78 2.16 -14.21	40.05 1.96 -16.75	40.66 2.03 -17.27	40.88 2.09 -17.04	44.65 2.15 -19.63	44.62 2.21 -18.64	35.21 1.93 -10.84	37.74 2.20 -9.63	43.12 2.16 -15.82	39.43 2.22 -10.40	38.24 2.44 -6.06	36.26 1.88 -11.77	30.42 1.97 -5.82	27.34 1.88 -4.06	25.40 1.53 -2.59
GLENWOOD_IC_3_G1 23689	32.94 1.74 -10.94	24.41 1.59 -4.59	23.08 1.46 -4.25	21.97 1.36 -4.06	26.87 1.30 -8.90	31.30 1.47 -10.77	32.43 2.00 -8.94	36.04 1.96 -12.71	36.69 1.99 -13.34	37.78 2.16 -14.21	40.05 1.96 -16.75	40.66 2.03 -17.27	40.88 2.09 -17.04	44.65 2.15 -19.63	44.62 2.21 -18.64	35.21 1.93 -10.84	37.74 2.20 -9.63	43.12 2.16 -15.82	39.43 2.22 -10.40	38.24 2.44 -6.06	36.26 1.88 -11.77	30.42 1.97 -5.82	27.34 1.88 -4.06	25.40 1.53 -2.59
GLENWOOD____4 23550	32.98 1.78 -10.94	24.44 1.62 -4.59	23.13 1.51 -4.25	22.00 1.39 -4.06	26.92 1.35 -8.90	31.37 1.54 -10.77	32.49 2.06 -8.94	36.11 2.03 -12.72	36.75 2.05 -13.34	37.63 2.01 -14.21	40.20 2.11 -16.75	40.73 2.09 -17.27	40.96 2.18 -17.04	44.72 2.22 -19.63	44.69 2.28 -18.64	34.87 2.11 -10.32	36.15 2.41 -7.83	41.90 2.31 -14.45	39.25 2.44 -10.01	38.08 2.68 -5.67	33.90 2.06 -9.23	28.90 2.13 -4.13	26.31 2.05 -2.85	24.14 1.57 -1.29
GLENWOOD____5 23614	32.98 1.78 -10.94	24.44 1.62 -4.59	23.13 1.51 -4.25	22.00 1.39 -4.06	26.92 1.35 -8.90	31.37 1.54 -10.77	32.49 2.06 -8.94	36.11 2.03 -12.72	36.75 2.05 -13.34	37.63 2.01 -14.21	40.20 2.11 -16.75	40.73 2.09 -17.27	40.96 2.18 -17.04	44.72 2.22 -19.63	44.69 2.28 -18.64	34.87 2.11 -10.32	36.15 2.41 -7.83	41.90 2.31 -14.45	39.25 2.44 -10.01	38.08 2.68 -5.67	33.90 2.06 -9.23	28.90 2.13 -4.13	26.31 2.05 -2.85	24.14 1.57 -1.29
GLOBAL GREEN_PORT_GT1 23814	34.20 3.00 -10.94	25.56 2.73 -4.59	24.21 2.59 -4.25	23.02 2.42 -4.06	27.90 2.33 -8.90	32.53 2.71 -10.77	33.91 3.48 -8.94	37.58 3.48 -12.73	38.30 3.55 -13.39	39.57 3.90 -14.26	41.64 3.54 -16.76	42.32 3.68 -17.28	42.60 3.81 -17.05	46.31 3.80 -19.64	46.36 3.95 -18.65	43.48 3.88 -17.16	44.05 4.41 -13.73	50.86 4.35 -21.37	85.31 4.53 -53.97	82.90 4.94 -48.23	43.62 3.80 -17.21	32.52 4.05 -5.83	29.39 3.92 -4.07	27.43 3.55 -2.60
GLOBE____DSASP 323697	19.66 -0.61 0.00	17.69 -0.55 0.00	16.87 -0.50 0.00	16.06 -0.48 0.00	16.10 -0.57 0.00	18.33 -0.72 0.00	20.69 -0.95 -0.15	19.96 -1.30 0.10	19.86 -1.37 0.13	20.45 -1.18 -0.22	20.25 -1.09 0.00	20.27 -1.09 0.00	20.88 -0.87 0.00	21.68 -1.19 0.00	22.48 -1.28 0.00	21.73 -0.74 -0.03	24.72 -1.19 0.00	24.20 -1.13 -0.19	25.31 -1.53 -0.03	28.15 -1.69 -0.11	21.99 -1.18 -0.55	21.67 -1.00 -0.03	20.65 -0.75 0.00	20.64 -0.64 0.00
GOETHSLN____LBMP 323567	21.60 1.34 0.00	19.47 1.24 0.00	18.50 1.13 0.00	17.59 1.04 0.00	17.61 0.95 0.00	20.13 1.07 0.00	26.33 1.61 -3.24	30.59 1.58 -7.64	31.78 1.58 -8.84	31.48 1.54 -8.53	32.38 1.58 -9.46	32.32 1.58 -9.38	30.87 1.61 -7.51	31.68 1.67 -7.15	31.59 1.73 -6.09	31.84 1.64 -7.76	32.31 1.87 -4.52	32.32 1.78 -5.39	32.27 1.88 -3.58	32.31 2.08 -0.49	30.92 1.63 -6.67	26.83 1.74 -2.44	24.79 1.73 -1.66	22.43 1.15 0.00
GOLAH____69_KV_TB 1_2 80279	20.47 0.20 0.00	18.40 0.16 0.00	17.53 0.16 0.00	16.73 0.18 0.00	16.80 0.13 0.00	19.13 0.08 0.00	21.81 0.21 -0.11	21.76 0.04 -0.35	21.63 -0.11 -0.37	21.72 0.15 -0.16	21.34 0.00 0.00	21.41 0.04 0.00	21.88 0.13 0.00	22.91 0.05 0.00	23.76 0.00 0.00	22.64 0.18 -0.02	25.92 0.00 0.00	25.54 0.25 -0.14	26.83 0.00 -0.02	29.97 0.15 -0.08	23.17 0.14 -0.42	22.73 0.07 -0.02	21.52 0.13 0.00	21.43 0.15 0.00
GOODYEAR_LAKE_HYD 323669	21.16 0.89 0.00	19.05 0.82 0.00	18.12 0.75 0.00	17.27 0.73 0.00	17.36 0.70 0.00	19.88 0.82 0.00	22.97 1.03 -0.46	24.23 1.00 -1.86	24.43 1.05 -2.02	23.15 1.03 -0.71	22.42 1.07 -0.01	22.48 1.07 -0.05	22.87 1.09 -0.03	24.03 1.12 -0.04	24.98 1.16 -0.06	23.68 1.10 -0.14	27.35 1.37 -0.06	26.97 1.23 -0.60	28.38 1.39 -0.18	31.68 1.49 -0.45	25.38 1.11 -1.66	23.87 1.13 -0.10	22.49 1.09 0.00	22.13 0.85 0.00
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	20.77 0.51 0.00	18.67 0.44 0.00	17.79 0.42 0.00	16.96 0.41 0.00	17.06 0.40 0.00	19.50 0.44 0.00	22.24 0.45 -0.30	23.04 0.43 -1.25	23.16 0.47 -1.32	22.25 0.39 -0.45	21.85 0.51 0.00	21.88 0.51 0.00	22.38 0.63 0.00	23.46 0.59 0.00	24.38 0.62 0.00	23.02 0.52 -0.06	26.59 0.67 0.00	26.01 0.48 -0.39	27.35 0.48 -0.06	30.40 0.45 -0.22	24.06 0.34 -1.10	23.15 0.45 -0.06	21.91 0.51 0.00	21.70 0.43 0.00
GOUDEY____7 23579	20.79 0.53 0.00	18.69 0.46 0.00	17.80 0.43 0.00	16.97 0.43 0.00	17.08 0.42 0.00	19.52 0.46 0.00	22.26 0.47 -0.30	23.06 0.45 -1.25	23.18 0.49 -1.32	22.27 0.41 -0.45	21.88 0.53 0.00	21.90 0.53 0.00	22.40 0.65 0.00	23.49 0.62 0.00	24.43 0.67 0.00	23.04 0.54 -0.06	26.62 0.70 0.00	26.03 0.50 -0.39	27.38 0.51 -0.06	30.43 0.48 -0.22	24.08 0.36 -1.10	23.18 0.48 -0.06	21.93 0.53 0.00	21.72 0.45 0.00
GOUDEY____8 23580	20.77 0.51 0.00	18.67 0.44 0.00	17.79 0.42 0.00	16.96 0.41 0.00	17.06 0.40 0.00	19.50 0.44 0.00	22.24 0.45 -0.30	23.04 0.43 -1.25	23.16 0.47 -1.32	22.25 0.39 -0.45	21.85 0.51 0.00	21.88 0.51 0.00	22.38 0.63 0.00	23.46 0.59 0.00	24.38 0.62 0.00	23.02 0.52 -0.06	26.59 0.67 0.00	26.01 0.48 -0.39	27.35 0.48 -0.06	30.40 0.45 -0.22	24.06 0.34 -1.10	23.15 0.45 -0.06	21.91 0.51 0.00	21.70 0.43 0.00

GOWANUS_GT1_1 24077	21.88 1.62 0.00	19.71 1.48 0.00	18.73 1.35 0.00	17.78 1.24 0.00	17.83 1.17 0.00	20.32 1.26 0.00	26.55 1.83 -3.24	30.80 1.79 -7.64	32.04 1.84 -8.84	31.71 1.78 -8.53	32.69 1.88 -9.47	34.96 1.90 -11.69	33.04 1.94 -9.35	34.97 2.04 -10.06	34.00 2.09 -8.15	34.23 2.00 -9.79	34.25 2.31 -6.02	40.38 2.19 -13.05	38.75 2.33 -9.61	37.61 2.59 -5.28	31.19 1.90 -6.67	27.08 1.99 -2.44	25.02 1.97 -1.66	22.72 1.45 0.00
GOWANUS_GT1_2 24078	21.88 1.62 0.00	19.71 1.48 0.00	18.73 1.35 0.00	17.78 1.24 0.00	17.83 1.17 0.00	20.32 1.26 0.00	26.55 1.83 -3.24	30.80 1.79 -7.64	32.04 1.84 -8.84	31.71 1.78 -8.53	32.69 1.88 -9.47	34.96 1.90 -11.69	33.04 1.94 -9.35	34.97 2.04 -10.06	34.00 2.09 -8.15	34.23 2.00 -9.79	34.25 2.31 -6.02	40.38 2.19 -13.05	38.75 2.33 -9.61	37.61 2.59 -5.28	31.19 1.90 -6.67	27.08 1.99 -2.44	25.02 1.97 -1.66	22.72 1.45 0.00
GOWANUS_GT1_3 24079	21.88 1.62 0.00	19.71 1.48 0.00	18.73 1.35 0.00	17.78 1.24 0.00	17.83 1.17 0.00	20.32 1.26 0.00	26.55 1.83 -3.24	30.80 1.79 -7.64	32.04 1.84 -8.84	31.71 1.78 -8.53	32.69 1.88 -9.47	34.96 1.90 -11.69	33.04 1.94 -9.35	34.97 2.04 -10.06	34.00 2.09 -8.15	34.23 2.00 -9.79	34.25 2.31 -6.02	40.38 2.19 -13.05	38.75 2.33 -9.61	37.61 2.59 -5.28	31.19 1.90 -6.67	27.08 1.99 -2.44	25.02 1.97 -1.66	22.72 1.45 0.00
GOWANUS_GT1_4 24080	21.88 1.62 0.00	19.71 1.48 0.00	18.73 1.35 0.00	17.78 1.24 0.00	17.83 1.17 0.00	20.32 1.26 0.00	26.55 1.83 -3.24	30.80 1.79 -7.64	32.04 1.84 -8.84	31.71 1.78 -8.53	32.69 1.88 -9.47	34.96 1.90 -11.69	33.04 1.94 -9.35	34.97 2.04 -10.06	34.00 2.09 -8.15	34.23 2.00 -9.79	34.25 2.31 -6.02	40.38 2.19 -13.05	38.75 2.33 -9.61	37.61 2.59 -5.28	31.19 1.90 -6.67	27.08 1.99 -2.44	25.02 1.97 -1.66	22.72 1.45 0.00
GOWANUS_GT1_5 24084	21.88 1.62 0.00	19.71 1.48 0.00	18.73 1.35 0.00	17.78 1.24 0.00	17.83 1.17 0.00	20.32 1.26 0.00	26.55 1.83 -3.24	30.80 1.79 -7.64	32.04 1.84 -8.84	31.71 1.78 -8.53	32.69 1.88 -9.47	34.96 1.90 -11.69	33.04 1.94 -9.35	34.97 2.04 -10.06	34.00 2.09 -8.15	34.23 2.00 -9.79	34.25 2.31 -6.02	40.38 2.19 -13.05	38.75 2.33 -9.61	37.61 2.59 -5.28	31.19 1.90 -6.67	27.08 1.99 -2.44	25.02 1.97 -1.66	22.72 1.45 0.00
GOWANUS_GT1_6 24111	21.88 1.62 0.00	19.71 1.48 0.00	18.73 1.35 0.00	17.78 1.24 0.00	17.83 1.17 0.00	20.32 1.26 0.00	26.55 1.83 -3.24	30.80 1.79 -7.64	32.04 1.84 -8.84	31.71 1.78 -8.53	32.69 1.88 -9.47	34.96 1.90 -11.69	33.04 1.94 -9.35	34.97 2.04 -10.06	34.00 2.09 -8.15	34.23 2.00 -9.79	34.25 2.31 -6.02	40.38 2.19 -13.05	38.75 2.33 -9.61	37.61 2.59 -5.28	31.19 1.90 -6.67	27.08 1.99 -2.44	25.02 1.97 -1.66	22.72 1.45 0.00
GOWANUS_GT1_7 24112	21.88 1.62 0.00	19.71 1.48 0.00	18.73 1.35 0.00	17.78 1.24 0.00	17.83 1.17 0.00	20.32 1.26 0.00	26.55 1.83 -3.24	30.80 1.79 -7.64	32.04 1.84 -8.84	31.71 1.78 -8.53	32.69 1.88 -9.47	34.96 1.90 -11.69	33.04 1.94 -9.35	34.97 2.04 -10.06	34.00 2.09 -8.15	34.23 2.00 -9.79	34.25 2.31 -6.02	40.38 2.19 -13.05	38.75 2.33 -9.61	37.61 2.59 -5.28	31.19 1.90 -6.67	27.08 1.99 -2.44	25.02 1.97 -1.66	22.72 1.45 0.00
GOWANUS_GT1_8 24113	21.88 1.62 0.00	19.71 1.48 0.00	18.73 1.35 0.00	17.78 1.24 0.00	17.83 1.17 0.00	20.32 1.26 0.00	26.55 1.83 -3.24	30.80 1.79 -7.64	32.04 1.84 -8.84	31.71 1.78 -8.53	32.69 1.88 -9.47	34.96 1.90 -11.69	33.04 1.94 -9.35	34.97 2.04 -10.06	34.00 2.09 -8.15	34.23 2.00 -9.79	34.25 2.31 -6.02	40.38 2.19 -13.05	38.75 2.33 -9.61	37.61 2.59 -5.28	31.19 1.90 -6.67	27.08 1.99 -2.44	25.02 1.97 -1.66	22.72 1.45 0.00
GOWANUS_GT2_1 24114	21.89 1.62 -0.01	19.70 1.46 -0.01	18.73 1.36 -0.01	17.79 1.24 -0.01	17.84 1.17 -0.01	20.30 1.24 0.00	26.56 1.83 -3.25	30.81 1.79 -7.65	32.05 1.84 -8.84	31.70 1.76 -8.54	32.61 1.79 -9.47	34.94 1.88 -11.69	33.02 1.91 -9.35	34.95 2.01 -10.06	34.00 2.09 -8.15	34.21 1.98 -9.79	34.20 2.25 -6.03	40.41 2.21 -13.05	38.77 2.36 -9.61	37.55 2.53 -5.29	31.18 1.90 -6.67	27.05 1.97 -2.44	25.01 1.95 -1.66	22.84 1.55 -0.01
GOWANUS_GT2_2 24115	21.89 1.62 -0.01	19.70 1.46 -0.01	18.73 1.36 -0.01	17.79 1.24 -0.01	17.84 1.17 -0.01	20.30 1.24 0.00	26.56 1.83 -3.25	30.81 1.79 -7.65	32.05 1.84 -8.84	31.70 1.76 -8.54	32.61 1.79 -9.47	34.94 1.88 -11.69	33.02 1.91 -9.35	34.95 2.01 -10.06	34.00 2.09 -8.15	34.21 1.98 -9.79	34.20 2.25 -6.03	40.41 2.21 -13.05	38.77 2.36 -9.61	37.55 2.53 -5.29	31.18 1.90 -6.67	27.05 1.97 -2.44	25.01 1.95 -1.66	22.84 1.55 -0.01
GOWANUS_GT2_3 24116	21.89 1.62 -0.01	19.70 1.46 -0.01	18.73 1.36 -0.01	17.79 1.24 -0.01	17.84 1.17 -0.01	20.30 1.24 0.00	26.56 1.83 -3.25	30.81 1.79 -7.65	32.05 1.84 -8.84	31.70 1.76 -8.54	32.61 1.79 -9.47	34.94 1.88 -11.69	33.02 1.91 -9.35	34.95 2.01 -10.06	34.00 2.09 -8.15	34.21 1.98 -9.79	34.20 2.25 -6.03	40.41 2.21 -13.05	38.77 2.36 -9.61	37.55 2.53 -5.29	31.18 1.90 -6.67	27.05 1.97 -2.44	25.01 1.95 -1.66	22.84 1.55 -0.01
GOWANUS_GT2_4 24117	21.89 1.62 -0.01	19.70 1.46 -0.01	18.73 1.36 -0.01	17.79 1.24 -0.01	17.84 1.17 -0.01	20.30 1.24 0.00	26.56 1.83 -3.25	30.81 1.79 -7.65	32.05 1.84 -8.84	31.70 1.76 -8.54	32.61 1.79 -9.47	34.94 1.88 -11.69	33.02 1.91 -9.35	34.95 2.01 -10.06	34.00 2.09 -8.15	34.21 1.98 -9.79	34.20 2.25 -6.03	40.41 2.21 -13.05	38.77 2.36 -9.61	37.55 2.53 -5.29	31.18 1.90 -6.67	27.05 1.97 -2.44	25.01 1.95 -1.66	22.84 1.55 -0.01
GOWANUS_GT2_5 24118	21.89 1.62 -0.01	19.70 1.46 -0.01	18.73 1.36 -0.01	17.79 1.24 -0.01	17.84 1.17 -0.01	20.30 1.24 0.00	26.56 1.83 -3.25	30.81 1.79 -7.65	32.05 1.84 -8.84	31.70 1.76 -8.54	32.61 1.79 -9.47	34.94 1.88 -11.69	33.02 1.91 -9.35	34.95 2.01 -10.06	34.00 2.09 -8.15	34.21 1.98 -9.79	34.20 2.25 -6.03	40.41 2.21 -13.05	38.77 2.36 -9.61	37.55 2.53 -5.29	31.18 1.90 -6.67	27.05 1.97 -2.44	25.01 1.95 -1.66	22.84 1.55 -0.01
GOWANUS_GT2_6 24119	21.89 1.62 -0.01	19.70 1.46 -0.01	18.73 1.36 -0.01	17.79 1.24 -0.01	17.84 1.17 -0.01	20.30 1.24 0.00	26.56 1.83 -3.25	30.81 1.79 -7.65	32.05 1.84 -8.84	31.70 1.76 -8.54	32.61 1.79 -9.47	34.94 1.88 -11.69	33.02 1.91 -9.35	34.95 2.01 -10.06	34.00 2.09 -8.15	34.21 1.98 -9.79	34.20 2.25 -6.03	40.41 2.21 -13.05	38.77 2.36 -9.61	37.55 2.53 -5.29	31.18 1.90 -6.67	27.05 1.97 -2.44	25.01 1.95 -1.66	22.84 1.55 -0.01
GOWANUS_GT2_7 24120	21.89 1.62 -0.01	19.70 1.46 -0.01	18.73 1.36 -0.01	17.79 1.24 -0.01	17.84 1.17 -0.01	20.30 1.24 0.00	26.56 1.83 -3.25	30.81 1.79 -7.65	32.05 1.84 -8.84	31.70 1.76 -8.54	32.61 1.79 -9.47	34.94 1.88 -11.69	33.02 1.91 -9.35	34.95 2.01 -10.06	34.00 2.09 -8.15	34.21 1.98 -9.79	34.20 2.25 -6.03	40.41 2.21 -13.05	38.77 2.36 -9.61	37.55 2.53 -5.29	31.18 1.90 -6.67	27.05 1.97 -2.44	25.01 1.95 -1.66	22.84 1.55 -0.01

GOWANUS_GT2_8 24121	21.89 1.62 -0.01	19.70 1.46 -0.01	18.73 1.36 -0.01	17.79 1.24 -0.01	17.84 1.17 -0.01	20.30 1.24 0.00	26.56 1.83 -3.25	30.81 1.79 -7.65	32.05 1.84 -8.84	31.70 1.76 -8.54	32.61 1.79 -9.47	34.94 1.88 -11.69	33.02 1.91 -9.35	34.95 2.01 -10.06	34.00 2.09 -8.15	34.21 1.98 -9.79	34.20 2.25 -6.03	40.41 2.21 -13.05	38.77 2.36 -9.61	37.55 2.53 -5.29	31.18 1.90 -6.67	27.05 1.97 -2.44	25.01 1.95 -1.66	22.84 1.55 -0.01
GOWANUS_GT3_1 24122	21.89 1.62 -0.01	19.72 1.48 -0.01	18.73 1.36 -0.01	17.79 1.24 -0.01	17.84 1.17 -0.01	20.30 1.24 0.00	26.58 1.85 -3.25	30.81 1.79 -7.65	32.05 1.84 -8.84	31.72 1.78 -8.54	32.63 1.81 -9.47	34.96 1.90 -11.69	33.04 1.94 -9.35	34.97 2.03 -10.06	34.00 2.09 -8.15	34.23 2.00 -9.79	34.23 2.28 -6.03	40.43 2.24 -13.05	38.77 2.36 -9.61	37.58 2.56 -5.29	31.18 1.90 -6.67	27.08 1.99 -2.44	25.01 1.95 -1.66	22.86 1.57 -0.01
GOWANUS_GT3_2 24123	21.89 1.62 -0.01	19.72 1.48 -0.01	18.73 1.36 -0.01	17.79 1.24 -0.01	17.84 1.17 -0.01	20.30 1.24 0.00	26.58 1.85 -3.25	30.81 1.79 -7.65	32.05 1.84 -8.84	31.72 1.78 -8.54	32.63 1.81 -9.47	34.96 1.90 -11.69	33.04 1.94 -9.35	34.97 2.03 -10.06	34.00 2.09 -8.15	34.23 2.00 -9.79	34.23 2.28 -6.03	40.43 2.24 -13.05	38.77 2.36 -9.61	37.58 2.56 -5.29	31.18 1.90 -6.67	27.08 1.99 -2.44	25.01 1.95 -1.66	22.86 1.57 -0.01
GOWANUS_GT3_3 24124	21.89 1.62 -0.01	19.72 1.48 -0.01	18.73 1.36 -0.01	17.79 1.24 -0.01	17.84 1.17 -0.01	20.30 1.24 0.00	26.58 1.85 -3.25	30.81 1.79 -7.65	32.05 1.84 -8.84	31.72 1.78 -8.54	32.63 1.81 -9.47	34.96 1.90 -11.69	33.04 1.94 -9.35	34.97 2.03 -10.06	34.00 2.09 -8.15	34.23 2.00 -9.79	34.23 2.28 -6.03	40.43 2.24 -13.05	38.77 2.36 -9.61	37.58 2.56 -5.29	31.18 1.90 -6.67	27.08 1.99 -2.44	25.01 1.95 -1.66	22.86 1.57 -0.01
GOWANUS_GT3_4 24125	21.89 1.62 -0.01	19.72 1.48 -0.01	18.73 1.36 -0.01	17.79 1.24 -0.01	17.84 1.17 -0.01	20.30 1.24 0.00	26.58 1.85 -3.25	30.81 1.79 -7.65	32.05 1.84 -8.84	31.72 1.78 -8.54	32.63 1.81 -9.47	34.96 1.90 -11.69	33.04 1.94 -9.35	34.97 2.03 -10.06	34.00 2.09 -8.15	34.23 2.00 -9.79	34.23 2.28 -6.03	40.43 2.24 -13.05	38.77 2.36 -9.61	37.58 2.56 -5.29	31.18 1.90 -6.67	27.08 1.99 -2.44	25.01 1.95 -1.66	22.86 1.57 -0.01
GOWANUS_GT3_5 24126	21.89 1.62 -0.01	19.72 1.48 -0.01	18.73 1.36 -0.01	17.79 1.24 -0.01	17.84 1.17 -0.01	20.30 1.24 0.00	26.58 1.85 -3.25	30.81 1.79 -7.65	32.05 1.84 -8.84	31.72 1.78 -8.54	32.63 1.81 -9.47	34.96 1.90 -11.69	33.04 1.94 -9.35	34.97 2.03 -10.06	34.00 2.09 -8.15	34.23 2.00 -9.79	34.23 2.28 -6.03	40.43 2.24 -13.05	38.77 2.36 -9.61	37.58 2.56 -5.29	31.18 1.90 -6.67	27.08 1.99 -2.44	25.01 1.95 -1.66	22.86 1.57 -0.01
GOWANUS_GT3_6 24127	21.89 1.62 -0.01	19.72 1.48 -0.01	18.73 1.36 -0.01	17.79 1.24 -0.01	17.84 1.17 -0.01	20.30 1.24 0.00	26.58 1.85 -3.25	30.81 1.79 -7.65	32.05 1.84 -8.84	31.72 1.78 -8.54	32.63 1.81 -9.47	34.96 1.90 -11.69	33.04 1.94 -9.35	34.97 2.03 -10.06	34.00 2.09 -8.15	34.23 2.00 -9.79	34.23 2.28 -6.03	40.43 2.24 -13.05	38.77 2.36 -9.61	37.58 2.56 -5.29	31.18 1.90 -6.67	27.08 1.99 -2.44	25.01 1.95 -1.66	22.86 1.57 -0.01
GOWANUS_GT3_7 24128	21.89 1.62 -0.01	19.72 1.48 -0.01	18.73 1.36 -0.01	17.79 1.24 -0.01	17.84 1.17 -0.01	20.30 1.24 0.00	26.58 1.85 -3.25	30.81 1.79 -7.65	32.05 1.84 -8.84	31.72 1.78 -8.54	32.63 1.81 -9.47	34.96 1.90 -11.69	33.04 1.94 -9.35	34.97 2.03 -10.06	34.00 2.09 -8.15	34.23 2.00 -9.79	34.23 2.28 -6.03	40.43 2.24 -13.05	38.77 2.36 -9.61	37.58 2.56 -5.29	31.18 1.90 -6.67	27.08 1.99 -2.44	25.01 1.95 -1.66	22.86 1.57 -0.01
GOWANUS_GT3_8 24129	21.89 1.62 -0.01	19.72 1.48 -0.01	18.73 1.36 -0.01	17.79 1.24 -0.01	17.84 1.17 -0.01	20.30 1.24 0.00	26.58 1.85 -3.25	30.81 1.79 -7.65	32.05 1.84 -8.84	31.72 1.78 -8.54	32.63 1.81 -9.47	34.96 1.90 -11.69	33.04 1.94 -9.35	34.97 2.03 -10.06	34.00 2.09 -8.15	34.23 2.00 -9.79	34.23 2.28 -6.03	40.43 2.24 -13.05	38.77 2.36 -9.61	37.58 2.56 -5.29	31.18 1.90 -6.67	27.08 1.99 -2.44	25.01 1.95 -1.66	22.86 1.57 -0.01
GOWANUS_GT4_1 24130	21.88 1.62 0.00	19.69 1.46 0.00	18.73 1.35 0.00	17.78 1.24 0.00	17.83 1.17 0.00	20.32 1.26 0.00	26.55 1.83 -3.24	30.80 1.79 -7.64	32.02 1.82 -8.84	31.69 1.76 -8.53	32.66 1.86 -9.47	34.94 1.88 -11.69	33.02 1.91 -9.35	34.95 2.01 -10.06	34.00 2.09 -8.15	34.23 2.00 -9.79	34.22 2.28 -6.02	40.38 2.19 -13.05	38.75 2.33 -9.61	37.58 2.56 -5.28	31.19 1.90 -6.67	27.05 1.97 -2.44	25.00 1.95 -1.66	22.72 1.45 0.00
GOWANUS_GT4_2 24131	21.88 1.62 0.00	19.69 1.46 0.00	18.73 1.35 0.00	17.78 1.24 0.00	17.83 1.17 0.00	20.32 1.26 0.00	26.55 1.83 -3.24	30.80 1.79 -7.64	32.02 1.82 -8.84	31.69 1.76 -8.53	32.66 1.86 -9.47	34.94 1.88 -11.69	33.02 1.91 -9.35	34.95 2.01 -10.06	34.00 2.09 -8.15	34.23 2.00 -9.79	34.22 2.28 -6.02	40.38 2.19 -13.05	38.75 2.33 -9.61	37.58 2.56 -5.28	31.19 1.90 -6.67	27.05 1.97 -2.44	25.00 1.95 -1.66	22.72 1.45 0.00
GOWANUS_GT4_3 24132	21.88 1.62 0.00	19.69 1.46 0.00	18.73 1.35 0.00	17.78 1.24 0.00	17.83 1.17 0.00	20.32 1.26 0.00	26.55 1.83 -3.24	30.80 1.79 -7.64	32.02 1.82 -8.84	31.69 1.76 -8.53	32.66 1.86 -9.47	34.94 1.88 -11.69	33.02 1.91 -9.35	34.95 2.01 -10.06	34.00 2.09 -8.15	34.23 2.00 -9.79	34.22 2.28 -6.02	40.38 2.19 -13.05	38.75 2.33 -9.61	37.58 2.56 -5.28	31.19 1.90 -6.67	27.05 1.97 -2.44	25.00 1.95 -1.66	22.72 1.45 0.00
GOWANUS_GT4_4 24133	21.88 1.62 0.00	19.69 1.46 0.00	18.73 1.35 0.00	17.78 1.24 0.00	17.83 1.17 0.00	20.32 1.26 0.00	26.55 1.83 -3.24	30.80 1.79 -7.64	32.02 1.82 -8.84	31.69 1.76 -8.53	32.66 1.86 -9.47	34.94 1.88 -11.69	33.02 1.91 -9.35	34.95 2.01 -10.06	34.00 2.09 -8.15	34.23 2.00 -9.79	34.22 2.28 -6.02	40.38 2.19 -13.05	38.75 2.33 -9.61	37.58 2.56 -5.28	31.19 1.90 -6.67	27.05 1.97 -2.44	25.00 1.95 -1.66	22.72 1.45 0.00
GOWANUS_GT4_5 24134	21.88 1.62 0.00	19.69 1.46 0.00	18.73 1.35 0.00	17.78 1.24 0.00	17.83 1.17 0.00	20.32 1.26 0.00	26.55 1.83 -3.24	30.80 1.79 -7.64	32.02 1.82 -8.84	31.69 1.76 -8.53	32.66 1.86 -9.47	34.94 1.88 -11.69	33.02 1.91 -9.35	34.95 2.01 -10.06	34.00 2.09 -8.15	34.23 2.00 -9.79	34.22 2.28 -6.02	40.38 2.19 -13.05	38.75 2.33 -9.61	37.58 2.56 -5.28	31.19 1.90 -6.67	27.05 1.97 -2.44	25.00 1.95 -1.66	22.72 1.45 0.00
GOWANUS_GT4_6 24135	21.88 1.62 0.00	19.69 1.46 0.00	18.73 1.35 0.00	17.78 1.24 0.00	17.83 1.17 0.00	20.32 1.26 0.00	26.55 1.83 -3.24	30.80 1.79 -7.64	32.02 1.82 -8.84	31.69 1.76 -8.53	32.66 1.86 -9.47	34.94 1.88 -11.69	33.02 1.91 -9.35	34.95 2.01 -10.06	34.00 2.09 -8.15	34.23 2.00 -9.79	34.22 2.28 -6.02	40.38 2.19 -13.05	38.75 2.33 -9.61	37.58 2.56 -5.28	31.19 1.90 -6.67	27.05 1.97 -2.44	25.00 1.95 -1.66	22.72 1.45 0.00

GOWANUS_GT4_7 24136	21.88 1.62 0.00	19.69 1.46 0.00	18.73 1.35 0.00	17.78 1.24 0.00	17.83 1.17 0.00	20.32 1.26 0.00	26.55 1.83 -3.24	30.80 1.79 -7.64	32.02 1.82 -8.84	31.69 1.76 -8.53	32.66 1.86 -9.47	34.94 1.88 -11.69	33.02 1.91 -9.35	34.95 2.01 -10.06	34.00 2.09 -8.15	34.23 2.00 -9.79	34.22 2.28 -6.02	40.38 2.19 -13.05	38.75 2.33 -9.61	37.58 2.56 -5.28	31.19 1.90 -6.67	27.05 1.97 -2.44	25.00 1.95 -1.66	22.72 1.45 0.00
GOWANUS_GT4_8 24137	21.88 1.62 0.00	19.69 1.46 0.00	18.73 1.35 0.00	17.78 1.24 0.00	17.83 1.17 0.00	20.32 1.26 0.00	26.55 1.83 -3.24	30.80 1.79 -7.64	32.02 1.82 -8.84	31.69 1.76 -8.53	32.66 1.86 -9.47	34.94 1.88 -11.69	33.02 1.91 -9.35	34.95 2.01 -10.06	34.00 2.09 -8.15	34.23 2.00 -9.79	34.22 2.28 -6.02	40.38 2.19 -13.05	38.75 2.33 -9.61	37.58 2.56 -5.28	31.19 1.90 -6.67	27.05 1.97 -2.44	25.00 1.95 -1.66	22.72 1.45 0.00
GREENBSH_115KV_TB3 55895	20.65 0.39 0.00	18.58 0.35 0.00	17.75 0.38 0.00	16.87 0.33 0.00	17.05 0.38 0.00	19.52 0.46 0.00	24.11 0.49 -2.13	28.45 0.49 -6.60	28.74 0.49 -6.88	26.24 0.51 -4.31	25.55 0.55 -3.65	25.39 0.56 -3.47	25.15 0.57 -2.84	26.21 0.59 -2.75	26.42 0.62 -2.04	26.61 0.58 -3.58	28.37 0.67 -1.78	31.98 0.63 -6.21	30.63 0.67 -3.15	31.98 0.74 -1.51	28.97 0.54 -5.81	24.24 0.57 -1.04	22.52 0.47 -0.65	21.43 0.15 0.00
GREENDGE_115KV_TB5 80291	20.59 0.32 0.00	18.51 0.27 0.00	17.63 0.26 0.00	16.86 0.31 0.00	16.98 0.32 0.00	19.40 0.34 0.00	22.05 0.39 -0.18	23.49 0.45 -1.68	23.65 0.47 -1.81	22.11 0.43 -0.27	21.85 0.51 0.00	21.88 0.51 0.00	22.32 0.57 0.00	23.39 0.53 0.00	24.31 0.55 0.00	23.06 0.58 -0.04	26.64 0.73 0.00	26.16 0.78 -0.24	27.49 0.64 -0.04	30.50 0.62 -0.14	23.77 0.47 -0.68	23.20 0.52 -0.04	21.93 0.53 0.00	21.77 0.49 0.00
GREENIDGE___3 23582	20.59 0.32 0.00	18.51 0.27 0.00	17.63 0.26 0.00	16.86 0.31 0.00	16.98 0.32 0.00	19.40 0.34 0.00	22.05 0.39 -0.18	23.49 0.45 -1.68	23.65 0.47 -1.81	22.11 0.43 -0.27	21.85 0.51 0.00	21.88 0.51 0.00	22.32 0.57 0.00	23.39 0.53 0.00	24.31 0.55 0.00	23.06 0.58 -0.04	26.64 0.73 0.00	26.16 0.78 -0.24	27.49 0.64 -0.04	30.50 0.62 -0.14	23.77 0.47 -0.68	23.20 0.52 -0.04	21.93 0.53 0.00	21.77 0.49 0.00
GREENIDGE___4 23583	20.59 0.32 0.00	18.51 0.27 0.00	17.63 0.26 0.00	16.86 0.31 0.00	16.98 0.32 0.00	19.42 0.36 0.00	22.05 0.39 -0.18	23.49 0.45 -1.68	23.67 0.49 -1.81	22.00 0.32 -0.27	21.75 0.40 0.00	21.86 0.49 0.00	22.31 0.56 0.00	23.40 0.53 0.00	24.31 0.55 0.00	22.99 0.52 -0.04	26.51 0.60 0.00	26.21 0.83 -0.24	27.35 0.51 -0.04	30.28 0.42 -0.13	23.63 0.36 -0.66	23.13 0.45 -0.04	21.89 0.49 0.00	21.83 0.55 0.00
GREENLWN_69_KV_BK 3 55738	32.86 1.66 -10.94	24.35 1.53 -4.59	23.03 1.41 -4.25	21.92 1.31 -4.06	26.82 1.25 -8.90	31.28 1.45 -10.77	32.38 1.96 -8.94	35.87 1.79 -12.71	36.48 1.79 -13.32	37.34 1.73 -14.20	39.88 1.79 -16.74	40.42 1.79 -17.27	40.63 1.85 -17.03	44.37 1.88 -19.63	44.33 1.92 -18.64	33.61 2.20 -8.97	35.51 2.64 -6.95	40.94 2.54 -13.26	30.22 2.68 -0.73	29.38 2.94 3.30	32.95 2.26 -8.07	29.01 2.24 -4.13	26.62 2.38 -2.85	24.46 1.89 -1.29
GREENWD_138_KV_38B11_REV_LBMP_J 345004	21.88 1.62 0.00	19.71 1.48 0.00	18.73 1.35 0.00	17.78 1.24 0.00	17.83 1.17 0.00	20.32 1.26 0.00	26.55 1.83 -3.24	30.80 1.79 -7.64	32.04 1.84 -8.84	31.71 1.78 -8.53	32.69 1.88 -9.47	34.96 1.90 -11.69	33.04 1.94 -9.35	34.97 2.04 -10.06	34.00 2.09 -8.15	34.23 2.00 -9.79	34.25 2.31 -6.02	40.38 2.19 -13.05	38.75 2.33 -9.61	37.61 2.59 -5.28	31.19 1.90 -6.67	27.08 1.99 -2.44	25.02 1.97 -1.66	22.72 1.45 0.00
GRISSOM___SOLAR 323813	22.17 1.90 0.00	19.91 1.68 0.00	18.90 1.53 0.00	17.97 1.42 0.00	18.33 1.67 0.00	21.12 2.06 0.00	26.05 2.45 -2.12	30.55 2.52 -6.67	30.88 2.54 -6.98	28.15 2.50 -4.24	27.27 2.50 -3.44	27.18 2.54 -3.28	27.04 2.61 -2.68	28.18 2.72 -2.59	28.65 2.95 -1.94	28.65 2.80 -3.40	31.00 3.39 -1.69	34.12 2.99 -5.99	33.28 3.46 -3.01	34.98 3.72 -1.53	31.34 2.85 -5.87	26.52 2.88 -1.00	24.49 2.48 -0.62	23.32 2.04 0.00
GROVEVILLE___HYD 323602	21.66 1.40 0.00	19.49 1.26 0.00	18.53 1.16 0.00	17.60 1.06 0.00	17.60 0.93 0.00	20.13 1.07 0.00	26.17 1.53 -3.16	30.27 1.37 -7.54	31.40 1.39 -8.65	31.01 1.37 -8.23	31.92 1.47 -9.10	32.34 1.45 -9.53	30.87 1.48 -7.64	31.94 1.53 -7.54	31.62 1.57 -6.29	33.39 1.57 -9.37	33.40 1.76 -5.72	39.52 1.76 -12.62	37.79 1.82 -9.16	36.82 2.11 -4.97	30.77 1.56 -6.60	26.62 1.63 -2.35	24.53 1.54 -1.60	22.40 1.13 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	20.43 0.16 0.00	18.36 0.13 0.00	17.49 0.12 0.00	16.71 0.17 0.00	16.83 0.17 0.00	19.23 0.17 0.00	21.83 0.26 -0.09	22.00 0.28 -0.36	22.02 0.28 -0.38	21.86 0.32 -0.13	21.60 0.26 0.00	21.62 0.26 0.00	22.01 0.26 0.00	23.12 0.25 0.00	24.02 0.26 0.00	22.62 0.16 -0.02	26.12 0.21 0.00	26.03 0.78 -0.11	27.10 0.27 -0.02	30.11 0.30 -0.07	23.19 0.20 -0.37	22.84 0.18 -0.02	21.57 0.17 0.00	21.53 0.26 0.00
HAMLTNNY_34_KV_TB 80303	20.34 0.08 0.00	18.29 0.05 0.00	17.42 0.05 0.00	16.63 0.08 0.00	16.76 0.10 0.00	19.15 0.10 0.00	21.75 0.17 -0.09	21.92 0.19 -0.37	21.93 0.17 -0.39	21.76 0.21 -0.13	21.49 0.15 0.00	21.51 0.15 0.00	21.90 0.15 0.00	23.01 0.14 0.00	23.88 0.12 0.00	22.50 0.04 -0.02	25.99 0.08 0.00	26.36 1.11 -0.12	27.07 0.24 -0.02	30.08 0.27 -0.08	23.19 0.18 -0.40	22.82 0.16 -0.02	21.55 0.15 0.00	21.49 0.21 0.00
HAMPSHIRE___PAPER_HYD 323593	20.08 -0.18 0.00	18.11 -0.13 0.00	17.27 -0.10 0.00	16.48 -0.07 0.00	16.61 -0.05 0.00	19.02 -0.04 0.00	21.45 -0.06 -0.02	21.38 -0.09 -0.10	21.37 -0.11 -0.11	21.34 -0.11 -0.04	21.22 -0.13 0.00	21.24 -0.13 0.00	21.60 -0.15 0.00	22.78 -0.09 0.00	23.74 -0.02 0.00	22.40 -0.04 -0.01	25.97 0.05 0.00	25.18 0.00 -0.04	26.87 0.05 -0.01	29.88 0.12 -0.02	22.76 0.05 -0.10	22.74 0.09 -0.01	21.50 0.11 0.00	21.43 0.15 0.00
HARDSCRABBLE_WT_PWR 323673	20.12 -0.14 0.00	18.11 -0.13 0.00	17.23 -0.14 0.00	16.39 -0.15 0.00	16.50 -0.17 0.00	18.87 -0.19 0.00	21.31 -0.17 0.00	21.19 -0.17 0.00	21.26 -0.11 0.00	21.37 -0.04 0.00	21.26 -0.09 0.00	21.32 -0.04 0.00	21.71 -0.04 0.00	22.82 -0.05 0.00	23.69 -0.07 0.00	22.40 -0.04 0.00	25.92 0.00 0.00	25.06 -0.08 0.00	26.73 -0.08 0.00	29.59 -0.15 0.00	22.48 -0.13 0.00	22.55 -0.09 0.00	21.31 -0.09 0.00	21.23 -0.04 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	21.48 1.22 0.00	19.35 1.11 0.00	18.40 1.02 0.00	17.47 0.93 0.00	17.50 0.83 0.00	20.01 0.95 0.00	26.48 1.38 -3.62	30.66 1.28 -8.01	31.88 1.28 -9.24	32.45 1.26 -9.78	34.15 1.32 -11.48	34.63 1.32 -11.94	32.68 1.35 -9.59	33.74 1.42 -9.45	33.06 1.47 -7.83	35.55 1.44 -11.67	34.69 1.66 -7.11	42.20 1.61 -15.45	39.83 1.69 -11.33	37.43 1.93 -5.76	31.02 1.42 -6.98	26.98 1.47 -2.87	24.85 1.43 -2.02	22.30 1.02 0.00

HARSNRAD_115KV_TB1 81005	20.12 -0.14 0.00	18.12 -0.11 0.00	17.28 -0.09 0.00	16.46 -0.08 0.00	16.48 -0.18 0.00	18.75 -0.30 0.00	21.07 -0.56 -0.14	20.47 -0.81 0.09	20.39 -0.85 0.11	20.89 -0.73 -0.21	20.77 -0.58 0.00	20.81 -0.56 0.00	21.42 -0.33 0.00	22.25 -0.62 0.00	23.07 -0.69 0.00	22.29 -0.18 -0.03	25.40 -0.52 0.00	24.77 -0.55 -0.19	25.98 -0.86 -0.03	28.86 -0.98 -0.11	22.49 -0.66 -0.53	22.22 -0.45 -0.03	21.18 -0.21 0.00	21.13 -0.15 0.00
HARZA MOOSE__RIVER 24016	20.41 0.14 0.00	18.40 0.16 0.00	17.54 0.17 0.00	16.76 0.22 0.00	16.88 0.22 0.00	19.33 0.27 0.00	21.88 0.37 -0.03	21.85 0.34 -0.14	21.83 0.32 -0.15	21.78 0.32 -0.05	21.58 0.23 0.00	21.62 0.26 0.00	21.99 0.24 0.00	23.17 0.30 0.00	24.19 0.43 0.00	22.81 0.36 -0.01	26.51 0.60 0.00	25.71 0.53 -0.04	27.51 0.70 -0.01	30.51 0.74 -0.03	23.32 0.57 -0.14	23.21 0.57 -0.01	21.93 0.53 0.00	21.77 0.49 0.00
HDSNBRDG_115KV_BRDG_TB1 355580	20.30 0.04 0.00	18.25 0.02 0.00	17.39 0.02 0.00	16.59 0.05 0.00	16.71 0.05 0.00	19.10 0.04 0.00	21.68 0.11 -0.09	21.83 0.11 -0.36	21.86 0.11 -0.38	21.67 0.13 -0.13	21.43 0.09 0.00	21.45 0.09 0.00	21.86 0.11 0.00	22.96 0.09 0.00	23.83 0.07 0.00	22.48 0.02 -0.02	25.94 0.03 0.00	25.38 0.13 -0.11	26.78 -0.05 -0.02	29.74 -0.06 -0.07	22.91 -0.05 -0.34	22.59 -0.07 -0.02	21.35 -0.04 0.00	21.32 0.04 0.00
HELLGATE_13_KV_LD 55870	21.78 1.52 0.00	19.64 1.40 0.00	18.66 1.29 0.00	17.73 1.19 0.00	17.78 1.12 0.00	20.28 1.22 0.00	26.51 1.78 -3.24	30.76 1.75 -7.64	31.97 1.77 -8.84	31.65 1.71 -8.53	32.60 1.79 -9.47	34.85 1.79 -11.69	32.93 1.83 -9.35	34.83 1.90 -10.06	33.88 1.97 -8.15	34.11 1.89 -9.79	34.09 2.15 -6.02	40.20 2.01 -13.05	38.56 2.14 -9.61	37.40 2.38 -5.28	31.12 1.83 -6.67	27.01 1.92 -2.44	24.96 1.90 -1.66	22.64 1.36 0.00
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	21.78 1.52 0.00	19.64 1.40 0.00	18.66 1.29 0.00	17.73 1.19 0.00	17.78 1.12 0.00	20.28 1.22 0.00	26.51 1.78 -3.24	30.76 1.75 -7.64	31.97 1.77 -8.84	31.65 1.71 -8.53	32.60 1.79 -9.47	34.85 1.79 -11.69	32.93 1.83 -9.35	34.83 1.90 -10.06	33.88 1.97 -8.15	34.11 1.89 -9.79	34.09 2.15 -6.02	40.20 2.01 -13.05	38.56 2.14 -9.61	37.40 2.38 -5.28	31.12 1.83 -6.67	27.01 1.92 -2.44	24.96 1.90 -1.66	22.64 1.36 0.00
HEMPSTEAD____ 23647	32.90 1.70 -10.94	24.37 1.55 -4.59	23.06 1.44 -4.25	21.95 1.34 -4.06	26.85 1.28 -8.90	31.28 1.45 -10.77	32.38 1.95 -8.94	36.00 1.92 -12.72	36.64 1.94 -13.34	37.76 2.14 -14.21	40.01 1.92 -16.75	40.62 1.99 -17.27	40.83 2.04 -17.04	44.58 2.08 -19.63	44.57 2.16 -18.64	35.34 2.06 -10.84	37.90 2.36 -9.63	43.27 2.31 -15.82	39.59 2.39 -10.40	38.42 2.62 -6.06	36.40 2.01 -11.77	30.61 2.15 -5.82	27.55 2.10 -4.06	25.61 1.75 -2.59
HEWLETT__69_KV_BK3 55828	33.02 1.82 -10.94	24.46 1.64 -4.59	23.15 1.53 -4.25	22.01 1.41 -4.06	26.92 1.35 -8.90	31.39 1.56 -10.77	32.49 2.06 -8.94	36.11 2.03 -12.71	36.75 2.05 -13.34	37.63 2.01 -14.21	40.20 2.11 -16.75	40.75 2.11 -17.27	40.96 2.18 -17.04	44.72 2.22 -19.63	44.71 2.30 -18.64	35.05 2.29 -10.32	36.39 2.64 -7.83	42.10 2.51 -14.45	39.50 2.68 -10.01	38.35 2.94 -5.67	34.11 2.26 -9.23	29.08 2.31 -4.13	26.52 2.27 -2.85	24.37 1.81 -1.29
HICKLING__1 23621	20.77 0.51 0.00	18.67 0.44 0.00	17.79 0.42 0.00	16.99 0.45 0.00	17.10 0.43 0.00	19.54 0.48 0.00	22.02 0.30 -0.23	23.05 0.41 -1.28	23.25 0.51 -1.37	22.08 0.32 -0.35	21.96 0.62 0.00	21.98 0.62 0.00	22.47 0.72 0.00	23.51 0.64 0.00	24.43 0.67 0.00	23.23 0.74 -0.05	26.85 0.93 0.00	26.08 0.63 -0.31	27.50 0.64 -0.05	30.47 0.56 -0.17	23.92 0.43 -0.87	23.32 0.63 -0.05	22.15 0.75 0.00	21.94 0.66 0.00
HICKLING__2 23622	20.77 0.51 0.00	18.67 0.44 0.00	17.79 0.42 0.00	16.99 0.45 0.00	17.10 0.43 0.00	19.54 0.48 0.00	22.02 0.30 -0.23	23.05 0.41 -1.28	23.25 0.51 -1.37	22.08 0.32 -0.35	21.96 0.62 0.00	21.98 0.62 0.00	22.47 0.72 0.00	23.51 0.64 0.00	24.43 0.67 0.00	23.23 0.74 -0.05	26.85 0.93 0.00	26.08 0.63 -0.31	27.50 0.64 -0.05	30.47 0.56 -0.17	23.92 0.43 -0.87	23.32 0.63 -0.05	22.15 0.75 0.00	21.94 0.66 0.00
HIGH FALLS__HY 23754	21.50 1.24 0.00	19.36 1.13 0.00	18.40 1.02 0.00	17.47 0.93 0.00	17.43 0.77 0.00	19.92 0.86 0.00	24.99 1.33 -2.17	28.41 1.15 -5.89	29.14 1.20 -6.58	27.72 1.16 -5.16	27.60 1.22 -5.04	27.80 1.20 -5.24	27.18 1.22 -4.21	28.30 1.28 -4.15	28.51 1.31 -3.44	29.01 1.32 -5.24	30.57 1.53 -3.12	34.20 1.53 -7.53	33.51 1.61 -5.09	34.57 1.87 -2.96	29.15 1.36 -5.18	25.44 1.43 -1.38	23.65 1.37 -0.88	22.30 1.02 0.00
HILLBURN__GT 23639	21.44 1.17 0.00	19.31 1.08 0.00	18.36 0.99 0.00	17.45 0.91 0.00	17.51 0.85 0.00	20.01 0.95 0.00	26.85 1.42 -3.94	31.34 1.37 -8.61	32.66 1.37 -9.93	33.45 1.33 -10.72	35.39 1.35 -12.70	35.95 1.39 -13.20	33.78 1.44 -10.60	34.82 1.51 -10.44	33.97 1.57 -8.64	36.83 1.50 -12.89	35.47 1.71 -7.85	43.86 1.71 -17.01	41.04 1.74 -12.49	37.92 1.90 -6.28	31.57 1.47 -7.48	27.32 1.52 -3.16	25.08 1.46 -2.23	22.40 1.13 0.00
HILLSIDE_115KV_TB1 80332	20.49 0.22 0.00	18.43 0.20 0.00	17.56 0.19 0.00	16.76 0.22 0.00	16.85 0.18 0.00	19.25 0.19 0.00	21.71 -0.02 -0.24	22.71 0.11 -1.24	22.90 0.21 -1.32	21.77 0.00 -0.36	21.64 0.30 0.00	21.66 0.30 0.00	22.12 0.37 0.00	23.14 0.27 0.00	24.07 0.31 0.00	22.87 0.38 -0.05	26.46 0.54 0.00	25.68 0.23 -0.32	27.07 0.21 -0.05	29.98 0.06 -0.18	23.59 0.07 -0.90	22.96 0.27 -0.05	21.82 0.43 0.00	21.60 0.32 0.00
HISHELDN_WT_PWR 323625	20.30 0.04 0.00	18.27 0.04 0.00	17.41 0.03 0.00	16.59 0.05 0.00	16.63 -0.03 0.00	19.02 -0.04 0.00	21.18 -0.47 -0.17	19.52 -0.58 1.27	19.44 -0.51 1.41	20.87 -0.79 -0.25	20.81 -0.53 0.00	21.13 -0.23 0.00	21.77 0.02 0.00	22.66 -0.21 0.00	23.55 -0.21 0.00	22.48 0.00 -0.03	25.61 -0.31 0.00	25.21 -0.15 -0.22	26.20 -0.64 -0.03	28.82 -1.04 -0.12	22.64 -0.59 -0.61	22.54 -0.14 -0.03	21.50 0.11 0.00	21.60 0.32 0.00
HOLTSVILLE_IC_1 23690	33.41 2.21 -10.94	24.86 2.04 -4.59	23.53 1.91 -4.25	22.40 1.79 -4.06	27.27 1.70 -8.90	31.79 1.96 -10.77	33.05 2.62 -8.94	36.63 2.54 -12.73	37.29 2.54 -13.39	38.47 2.80 -14.26	40.62 2.52 -16.76	41.25 2.61 -17.28	41.49 2.70 -17.05	45.21 2.70 -19.64	45.22 2.80 -18.65	42.14 2.69 -17.01	42.60 3.06 -13.63	49.40 3.02 -21.24	82.91 3.16 -52.94	80.41 3.45 -47.23	42.34 2.64 -17.08	31.37 2.90 -5.83	28.34 2.87 -4.07	26.41 2.53 -2.60
HOLTSVILLE_IC_10 23699	33.53 2.33 -10.94	24.97 2.15 -4.59	23.63 2.01 -4.25	22.49 1.89 -4.06	27.38 1.82 -8.90	31.91 2.08 -10.77	33.18 2.75 -8.94	36.81 2.71 -12.73	37.47 2.71 -13.39	38.65 2.97 -14.27	40.79 2.69 -16.76	41.42 2.78 -17.28	41.65 2.85 -17.05	45.40 2.88 -19.65	45.41 2.99 -18.66	42.83 2.90 -17.49	43.12 3.27 -13.94	50.05 3.24 -21.66	86.42 3.38 -56.23	83.84 3.69 -50.41	42.94 2.83 -17.49	31.58 3.10 -5.83	28.51 3.04 -4.08	26.58 2.70 -2.60

HOLTSVILLE_IC_2 23691	33.41 2.21 -10.94	24.86 2.04 -4.59	23.53 1.91 -4.25	22.40 1.79 -4.06	27.27 1.70 -8.90	31.79 1.96 -10.77	33.05 2.62 -8.94	36.63 2.54 -12.73	37.29 2.54 -13.39	38.47 2.80 -14.26	40.62 2.52 -16.76	41.25 2.61 -17.28	41.49 2.70 -17.05	45.21 2.70 -19.64	45.22 2.80 -18.65	42.14 2.69 -17.01	42.60 3.06 -13.63	49.40 3.02 -21.24	82.91 3.16 -52.94	80.41 3.45 -47.23	42.34 2.64 -17.08	31.37 2.90 -5.83	28.34 2.87 -4.07	26.41 2.53 -2.60
HOLTSVILLE_IC_3 23692	33.41 2.21 -10.94	24.86 2.04 -4.59	23.53 1.91 -4.25	22.40 1.79 -4.06	27.27 1.70 -8.90	31.79 1.96 -10.77	33.05 2.62 -8.94	36.63 2.54 -12.73	37.29 2.54 -13.39	38.47 2.80 -14.26	40.62 2.52 -16.76	41.25 2.61 -17.28	41.49 2.70 -17.05	45.21 2.70 -19.64	45.22 2.80 -18.65	42.14 2.69 -17.01	42.60 3.06 -13.63	49.40 3.02 -21.24	82.91 3.16 -52.94	80.41 3.45 -47.23	42.34 2.64 -17.08	31.37 2.90 -5.83	28.34 2.87 -4.07	26.41 2.53 -2.60
HOLTSVILLE_IC_4 23693	33.41 2.21 -10.94	24.86 2.04 -4.59	23.53 1.91 -4.25	22.40 1.79 -4.06	27.27 1.70 -8.90	31.79 1.96 -10.77	33.05 2.62 -8.94	36.63 2.54 -12.73	37.29 2.54 -13.39	38.47 2.80 -14.26	40.62 2.52 -16.76	41.25 2.61 -17.28	41.49 2.70 -17.05	45.21 2.70 -19.64	45.22 2.80 -18.65	42.14 2.69 -17.01	42.60 3.06 -13.63	49.40 3.02 -21.24	82.91 3.16 -52.94	80.41 3.45 -47.23	42.34 2.64 -17.08	31.37 2.90 -5.83	28.34 2.87 -4.07	26.41 2.53 -2.60
HOLTSVILLE_IC_5 23694	33.41 2.21 -10.94	24.86 2.04 -4.59	23.53 1.91 -4.25	22.40 1.79 -4.06	27.27 1.70 -8.90	31.79 1.96 -10.77	33.05 2.62 -8.94	36.63 2.54 -12.73	37.29 2.54 -13.39	38.47 2.80 -14.26	40.62 2.52 -16.76	41.25 2.61 -17.28	41.49 2.70 -17.05	45.21 2.70 -19.64	45.22 2.80 -18.65	42.14 2.69 -17.01	42.60 3.06 -13.63	49.40 3.02 -21.24	82.91 3.16 -52.94	80.41 3.45 -47.23	42.34 2.64 -17.08	31.37 2.90 -5.83	28.34 2.87 -4.07	26.41 2.53 -2.60
HOLTSVILLE_IC_6 23695	33.53 2.33 -10.94	24.97 2.15 -4.59	23.63 2.01 -4.25	22.49 1.89 -4.06	27.38 1.82 -8.90	31.91 2.08 -10.77	33.18 2.75 -8.94	36.81 2.71 -12.73	37.47 2.71 -13.39	38.65 2.97 -14.27	40.79 2.69 -16.76	41.42 2.78 -17.28	41.65 2.85 -17.05	45.40 2.88 -19.65	45.41 2.99 -18.66	42.83 2.90 -17.49	43.12 3.27 -13.94	50.05 3.24 -21.66	86.42 3.38 -56.23	83.84 3.69 -50.41	42.94 2.83 -17.49	31.58 3.10 -5.83	28.51 3.04 -4.08	26.58 2.70 -2.60
HOLTSVILLE_IC_7 23696	33.53 2.33 -10.94	24.97 2.15 -4.59	23.63 2.01 -4.25	22.49 1.89 -4.06	27.38 1.82 -8.90	31.91 2.08 -10.77	33.18 2.75 -8.94	36.81 2.71 -12.73	37.47 2.71 -13.39	38.65 2.97 -14.27	40.79 2.69 -16.76	41.42 2.78 -17.28	41.65 2.85 -17.05	45.40 2.88 -19.65	45.41 2.99 -18.66	42.83 2.90 -17.49	43.12 3.27 -13.94	50.05 3.24 -21.66	86.42 3.38 -56.23	83.84 3.69 -50.41	42.94 2.83 -17.49	31.58 3.10 -5.83	28.51 3.04 -4.08	26.58 2.70 -2.60
HOLTSVILLE_IC_8 23697	33.53 2.33 -10.94	24.97 2.15 -4.59	23.63 2.01 -4.25	22.49 1.89 -4.06	27.38 1.82 -8.90	31.91 2.08 -10.77	33.18 2.75 -8.94	36.81 2.71 -12.73	37.47 2.71 -13.39	38.65 2.97 -14.27	40.79 2.69 -16.76	41.42 2.78 -17.28	41.65 2.85 -17.05	45.40 2.88 -19.65	45.41 2.99 -18.66	42.83 2.90 -17.49	43.12 3.27 -13.94	50.05 3.24 -21.66	86.42 3.38 -56.23	83.84 3.69 -50.41	42.94 2.83 -17.49	31.58 3.10 -5.83	28.51 3.04 -4.08	26.58 2.70 -2.60
HOLTSVILLE_IC_9 23698	33.53 2.33 -10.94	24.97 2.15 -4.59	23.63 2.01 -4.25	22.49 1.89 -4.06	27.38 1.82 -8.90	31.91 2.08 -10.77	33.18 2.75 -8.94	36.81 2.71 -12.73	37.47 2.71 -13.39	38.65 2.97 -14.27	40.79 2.69 -16.76	41.42 2.78 -17.28	41.65 2.85 -17.05	45.40 2.88 -19.65	45.41 2.99 -18.66	42.83 2.90 -17.49	43.12 3.27 -13.94	50.05 3.24 -21.66	86.42 3.38 -56.23	83.84 3.69 -50.41	42.94 2.83 -17.49	31.58 3.10 -5.83	28.51 3.04 -4.08	26.58 2.70 -2.60
HOMER_HL_115KV_TB2 355744	20.69 0.43 0.00	18.62 0.38 0.00	17.75 0.38 0.00	16.91 0.36 0.00	16.95 0.28 0.00	19.31 0.25 0.00	20.71 -0.95 -0.17	21.24 -0.51 -0.39	21.75 -0.02 -0.41	20.74 -0.92 -0.25	21.64 0.30 0.00	21.64 0.28 0.00	22.34 0.59 0.00	23.23 0.37 0.00	24.14 0.38 0.00	23.01 0.54 -0.03	26.69 0.78 0.00	24.76 -0.60 -0.23	26.52 -0.32 -0.04	28.85 -1.01 -0.13	22.54 -0.72 -0.65	22.79 0.11 -0.04	22.00 0.60 0.00	21.87 0.60 0.00
HOWARD_WT_PWR 323690	20.67 0.41 0.00	18.60 0.36 0.00	17.74 0.37 0.00	16.96 0.41 0.00	17.05 0.38 0.00	19.52 0.46 0.00	21.85 0.17 -0.19	24.38 0.26 -2.76	24.73 0.36 -3.00	21.72 0.02 -0.29	21.53 0.19 0.00	21.83 0.47 0.00	22.43 0.67 0.00	23.44 0.57 0.00	24.38 0.62 0.00	23.18 0.70 -0.04	26.59 0.67 0.00	26.23 0.83 -0.26	27.28 0.43 -0.04	30.11 0.24 -0.14	23.61 0.29 -0.70	23.38 0.70 -0.04	22.19 0.79 0.00	22.19 0.91 0.00
HQ_GEN_CEDARS 23644	19.86 -0.41 0.00	17.89 -0.35 0.00	17.06 -0.31 0.00	16.25 -0.30 0.00	16.36 -0.30 0.00	18.73 -0.32 0.00	20.99 -0.49 0.00	20.89 -0.47 0.00	20.89 -0.47 0.00	20.92 -0.49 0.00	20.92 -0.43 0.00	20.91 -0.45 0.00	21.29 -0.46 0.00	22.43 -0.43 0.00	23.31 -0.45 0.00	22.04 -0.40 0.00	25.42 -0.49 0.00	24.69 -0.45 0.00	26.27 -0.54 0.00	29.17 -0.56 0.00	22.21 -0.41 0.00	22.25 -0.38 0.00	21.01 -0.39 0.00	21.00 -0.28 0.00
HQ_GEN_CEDARS_PROXY 323590	19.86 -0.41 0.00	17.89 -0.35 0.00	17.06 -0.31 0.00	16.25 -0.30 0.00	16.36 -0.30 0.00	18.72 -0.34 0.00	20.99 -0.49 0.00	20.89 -0.47 0.00	20.87 -0.49 0.00	20.96 -0.45 0.00	20.94 -0.41 0.00	20.91 -0.45 0.00	21.29 -0.46 0.00	22.43 -0.44 0.00	23.31 -0.45 0.00	22.01 -0.43 0.00	25.40 -0.52 0.00	24.64 -0.50 0.00	26.25 -0.56 0.00	29.17 -0.57 0.00	22.14 -0.48 0.00	22.21 -0.43 0.00	20.99 -0.41 0.00	20.91 -0.36 0.00
HQ_GEN_IMPORT 323601	19.98 -0.28 0.00	17.98 -0.26 0.00	17.14 -0.23 0.00	16.33 -0.22 0.00	16.45 -0.22 0.00	18.81 -0.25 0.00	21.10 -0.39 0.00	21.00 -0.36 0.00	21.00 -0.36 0.00	21.07 -0.34 0.00	21.00 -0.34 0.00	21.00 -0.36 0.00	21.38 -0.37 0.00	22.50 -0.37 0.00	23.36 -0.40 0.00	22.08 -0.36 0.00	25.50 -0.42 0.00	24.74 -0.40 0.00	26.38 -0.43 0.00	29.29 -0.45 0.00	22.25 -0.36 0.00	22.28 -0.36 0.00	21.05 -0.34 0.00	20.96 -0.32 0.00
HQ_GEN_WHEEL 23651	19.98 -0.28 0.00	17.98 -0.26 0.00	17.14 -0.23 0.00	16.33 -0.22 0.00	16.45 -0.22 0.00	18.81 -0.25 0.00	21.10 -0.39 0.00	21.00 -0.36 0.00	21.00 -0.36 0.00	21.07 -0.34 0.00	21.00 -0.34 0.00	21.00 -0.36 0.00	21.38 -0.37 0.00	22.50 -0.37 0.00	23.36 -0.40 0.00	22.08 -0.36 0.00	25.50 -0.42 0.00	24.74 -0.40 0.00	26.38 -0.43 0.00	29.29 -0.45 0.00	22.25 -0.36 0.00	22.28 -0.36 0.00	21.05 -0.34 0.00	20.96 -0.32 0.00
HUDSON_AVE_GT_3 23810	21.76 1.50 0.00	19.60 1.37 0.00	18.62 1.25 0.00	17.70 1.16 0.00	17.73 1.07 0.00	20.26 1.20 0.00	26.48 1.76 -3.24	30.74 1.73 -7.64	31.95 1.75 -8.84	31.63 1.69 -8.53	32.56 1.75 -9.47	33.09 1.77 -9.96	31.53 1.81 -7.97	32.62 1.88 -7.88	32.31 1.95 -6.60	34.07 1.84 -9.79	34.04 2.10 -6.02	40.20 2.01 -13.05	38.53 2.12 -9.61	37.34 2.32 -5.28	31.07 1.79 -6.67	26.96 1.88 -2.44	24.91 1.86 -1.66	22.57 1.30 0.00

HUDSON AVE_GT_4 23540	21.76 1.50 0.00	19.60 1.37 0.00	18.62 1.25 0.00	17.70 1.16 0.00	17.73 1.07 0.00	20.26 1.20 0.00	26.48 1.76 -3.24	30.74 1.73 -7.64	31.95 1.75 -8.84	31.63 1.69 -8.53	32.56 1.75 -9.47	33.09 1.77 -9.96	31.53 1.81 -7.97	32.62 1.88 -7.88	32.31 1.95 -6.60	34.07 1.84 -9.79	34.04 2.10 -6.02	40.20 2.01 -13.05	38.53 2.12 -9.61	37.34 2.32 -5.28	31.07 1.79 -6.67	26.96 1.88 -2.44	24.91 1.86 -1.66	22.57 1.30 0.00
HUDSON AVE_GT_5 23657	21.76 1.50 0.00	19.60 1.37 0.00	18.62 1.25 0.00	17.70 1.16 0.00	17.73 1.07 0.00	20.26 1.20 0.00	26.48 1.76 -3.24	30.74 1.73 -7.64	31.95 1.75 -8.84	31.63 1.69 -8.53	32.56 1.75 -9.47	33.09 1.77 -9.96	31.53 1.81 -7.97	32.62 1.88 -7.88	32.31 1.95 -6.60	34.07 1.84 -9.79	34.04 2.10 -6.02	40.20 2.01 -13.05	38.53 2.12 -9.61	37.34 2.32 -5.28	31.07 1.79 -6.67	26.96 1.88 -2.44	24.91 1.86 -1.66	22.57 1.30 0.00
HUDSON_AVE_10 24168	21.76 1.50 0.00	19.60 1.37 0.00	18.62 1.25 0.00	17.70 1.16 0.00	17.73 1.07 0.00	20.26 1.20 0.00	26.48 1.76 -3.24	30.76 1.75 -7.64	31.95 1.75 -8.84	31.63 1.69 -8.53	32.56 1.75 -9.47	33.09 1.77 -9.96	31.53 1.81 -7.97	32.62 1.88 -7.88	32.31 1.95 -6.60	33.98 1.75 -9.79	33.93 2.00 -6.02	40.13 1.94 -13.05	38.45 2.04 -9.61	37.25 2.23 -5.28	31.03 1.74 -6.67	26.89 1.81 -2.44	24.89 1.84 -1.66	22.53 1.26 0.00
HUDSON___115KV_TB 4 355613	21.05 0.79 0.00	18.91 0.67 0.00	18.07 0.69 0.00	17.16 0.61 0.00	17.31 0.65 0.00	19.80 0.74 0.00	24.51 0.86 -2.17	28.71 0.79 -6.56	29.13 0.83 -6.93	26.77 0.83 -4.53	26.18 0.90 -3.94	26.10 0.90 -3.84	25.76 0.89 -3.12	26.87 0.96 -3.04	27.09 1.00 -2.33	27.34 0.96 -3.93	29.09 1.11 -2.06	32.77 1.11 -6.53	31.55 1.18 -3.56	32.89 1.34 -1.82	29.34 0.95 -5.78	24.75 1.00 -1.11	22.91 0.81 -0.70	21.77 0.49 0.00
HUNTER MOUNT___DRP 323613	21.16 0.89 0.00	18.98 0.75 0.00	18.15 0.78 0.00	17.22 0.68 0.00	17.35 0.68 0.00	19.84 0.78 0.00	24.60 0.90 -2.21	28.66 0.77 -6.52	29.19 0.85 -6.97	27.03 0.86 -4.76	26.55 0.92 -4.29	26.56 0.94 -4.25	26.11 0.91 -3.44	27.22 0.98 -3.36	27.42 1.02 -2.64	27.75 0.99 -4.32	29.40 1.14 -2.35	33.20 1.16 -6.90	32.03 1.23 -3.99	33.30 1.46 -2.11	29.33 0.97 -5.74	24.90 1.06 -1.20	22.99 0.83 -0.76	21.81 0.53 0.00
HUNTINGTON_RES_REC 323705	33.16 1.97 -10.94	24.64 1.82 -4.59	23.30 1.68 -4.25	22.18 1.57 -4.06	27.08 1.52 -8.90	31.56 1.73 -10.77	32.75 2.32 -8.94	36.29 2.22 -12.70	36.88 2.22 -13.29	38.25 2.68 -14.17	40.25 2.18 -16.73	40.86 2.24 -17.26	41.08 2.30 -17.02	44.80 2.31 -19.62	44.79 2.40 -18.63	31.27 2.54 -6.30	35.55 2.95 -6.68	39.91 2.94 -11.83	9.02 3.06 20.85	8.90 3.33 24.17	33.03 2.55 -7.86	31.11 2.67 -5.81	28.16 2.72 -4.05	26.23 2.36 -2.60
HUNTLEY___63 23557	20.24 -0.02 0.00	18.23 0.00 0.00	17.39 0.02 0.00	16.54 0.00 0.00	16.58 -0.08 0.00	18.85 -0.21 0.00	21.14 -0.49 -0.15	20.52 -0.73 0.12	20.48 -0.73 0.15	20.99 -0.64 -0.22	20.94 -0.41 0.00	20.98 -0.38 0.00	21.62 -0.13 0.00	22.43 -0.43 0.00	23.26 -0.50 0.00	22.47 0.00 -0.03	25.61 -0.31 0.00	24.93 -0.40 -0.19	26.17 -0.67 -0.03	29.01 -0.83 -0.11	22.63 -0.54 -0.56	22.38 -0.29 -0.03	21.33 -0.06 0.00	21.30 0.02 0.00
HUNTLEY___64 23558	20.24 -0.02 0.00	18.23 0.00 0.00	17.39 0.02 0.00	16.54 0.00 0.00	16.58 -0.08 0.00	18.85 -0.21 0.00	21.14 -0.49 -0.15	20.52 -0.73 0.12	20.48 -0.73 0.15	20.99 -0.64 -0.22	20.94 -0.41 0.00	20.98 -0.38 0.00	21.62 -0.13 0.00	22.43 -0.43 0.00	23.26 -0.50 0.00	22.47 0.00 -0.03	25.61 -0.31 0.00	24.93 -0.40 -0.19	26.17 -0.67 -0.03	29.01 -0.83 -0.11	22.63 -0.54 -0.56	22.38 -0.29 -0.03	21.33 -0.06 0.00	21.30 0.02 0.00
HUNTLEY___65 23559	20.24 -0.02 0.00	18.23 0.00 0.00	17.39 0.02 0.00	16.54 0.00 0.00	16.58 -0.08 0.00	18.85 -0.21 0.00	21.14 -0.49 -0.15	20.52 -0.73 0.12	20.48 -0.73 0.15	20.99 -0.64 -0.22	20.94 -0.41 0.00	20.98 -0.38 0.00	21.62 -0.13 0.00	22.43 -0.43 0.00	23.26 -0.50 0.00	22.47 0.00 -0.03	25.61 -0.31 0.00	24.93 -0.40 -0.19	26.17 -0.67 -0.03	29.01 -0.83 -0.11	22.63 -0.54 -0.56	22.38 -0.29 -0.03	21.33 -0.06 0.00	21.30 0.02 0.00
HUNTLEY___66 23560	20.24 -0.02 0.00	18.23 0.00 0.00	17.39 0.02 0.00	16.54 0.00 0.00	16.58 -0.08 0.00	18.85 -0.21 0.00	21.14 -0.49 -0.15	20.52 -0.73 0.12	20.48 -0.73 0.15	20.99 -0.64 -0.22	20.94 -0.41 0.00	20.98 -0.38 0.00	21.62 -0.13 0.00	22.43 -0.43 0.00	23.26 -0.50 0.00	22.47 0.00 -0.03	25.61 -0.31 0.00	24.93 -0.40 -0.19	26.17 -0.67 -0.03	29.01 -0.83 -0.11	22.63 -0.54 -0.56	22.38 -0.29 -0.03	21.33 -0.06 0.00	21.30 0.02 0.00
HUNTLEY___67 23561	20.16 -0.10 0.00	18.16 -0.07 0.00	17.30 -0.07 0.00	16.48 -0.07 0.00	16.51 -0.15 0.00	18.81 -0.25 0.00	21.06 -0.58 -0.15	20.36 -0.79 0.21	20.32 -0.79 0.25	20.88 -0.75 -0.22	20.85 -0.49 0.00	20.89 -0.47 0.00	21.51 -0.24 0.00	22.34 -0.53 0.00	23.19 -0.57 0.00	22.36 -0.11 -0.03	25.50 -0.41 0.00	24.79 -0.55 -0.20	26.04 -0.80 -0.03	28.87 -0.98 -0.11	22.53 -0.66 -0.57	22.29 -0.38 -0.03	21.27 -0.13 0.00	21.23 -0.04 0.00
HUNTLEY___68 23562	20.16 -0.10 0.00	18.16 -0.07 0.00	17.30 -0.07 0.00	16.48 -0.07 0.00	16.51 -0.15 0.00	18.81 -0.25 0.00	21.06 -0.58 -0.15	20.36 -0.79 0.21	20.32 -0.79 0.25	20.88 -0.75 -0.22	20.85 -0.49 0.00	20.89 -0.47 0.00	21.51 -0.24 0.00	22.34 -0.53 0.00	23.19 -0.57 0.00	22.36 -0.11 -0.03	25.50 -0.41 0.00	24.79 -0.55 -0.20	26.04 -0.80 -0.03	28.87 -0.98 -0.11	22.53 -0.66 -0.57	22.29 -0.38 -0.03	21.27 -0.13 0.00	21.23 -0.04 0.00
HYLAND___LFGE 323620	21.36 1.09 0.00	19.22 0.98 0.00	18.31 0.94 0.00	17.54 0.99 0.00	17.63 0.97 0.00	20.09 1.03 0.00	22.80 1.16 -0.16	25.43 1.20 -2.87	25.52 1.03 -3.13	22.35 0.71 -0.24	22.07 0.73 0.00	22.07 0.70 0.00	22.58 0.83 0.00	23.65 0.78 0.00	24.62 0.85 0.00	23.44 0.96 -0.03	27.03 1.11 0.00	26.78 1.43 -0.21	28.26 1.42 -0.03	31.43 1.57 -0.11	24.50 1.31 -0.58	24.05 1.38 -0.03	22.75 1.35 0.00	22.68 1.40 0.00
INDECK___CORINTH 23802	21.70 1.44 0.00	19.49 1.26 0.00	18.53 1.16 0.00	17.62 1.07 0.00	17.90 1.23 0.00	20.55 1.49 0.00	25.35 1.74 -2.13	29.80 1.77 -6.67	30.11 1.81 -6.94	27.50 1.84 -4.24	26.70 1.86 -3.51	26.62 1.94 -3.31	26.22 1.76 -2.71	27.30 1.81 -2.62	27.59 1.90 -1.93	27.65 1.77 -3.43	29.51 1.92 -1.68	32.90 1.68 -6.08	31.95 2.15 -3.00	33.49 2.32 -1.43	30.39 1.90 -5.87	25.57 1.92 -1.01	23.72 1.69 -0.63	22.68 1.40 0.00
INDECK___ILION 23567	20.28 0.02 0.00	18.25 0.02 0.00	17.37 0.00 0.00	16.54 0.00 0.00	16.65 -0.02 0.00	19.04 -0.02 0.00	21.51 0.02 0.00	21.38 0.02 0.00	21.41 0.04 0.00	21.47 0.06 0.00	21.38 0.04 0.00	21.43 0.06 0.00	21.82 0.07 0.00	22.94 0.07 0.00	23.83 0.07 0.00	22.49 0.04 0.00	26.02 0.10 0.00	25.19 0.05 0.00	26.92 0.11 0.00	29.83 0.09 0.00	22.66 0.05 0.00	22.71 0.07 0.00	21.48 0.09 0.00	21.34 0.06 0.00

INDECK___OLEAN 23982	20.71 0.45 0.00	18.65 0.42 0.00	17.75 0.38 0.00	16.91 0.36 0.00	16.95 0.28 0.00	19.36 0.30 0.00	20.73 -0.92 -0.17	21.24 -0.51 -0.39	21.77 0.00 -0.41	20.70 -0.96 -0.25	20.53 -0.81 0.00	21.64 0.28 0.00	22.34 0.59 0.00	23.23 0.36 0.00	24.12 0.36 0.00	23.04 0.56 -0.03	26.31 0.39 0.00	25.82 0.45 -0.23	26.15 -0.70 -0.03	28.34 -1.52 -0.12	22.22 -1.02 -0.62	22.97 0.29 -0.03	21.93 0.54 0.00	22.00 0.72 0.00
INDECK___OSWEGO 23783	20.73 0.47 0.00	18.63 0.40 0.00	17.75 0.38 0.00	16.97 0.43 0.00	17.11 0.45 0.00	19.55 0.49 0.00	22.19 0.62 -0.08	22.37 0.68 -0.32	22.41 0.70 -0.34	22.19 0.66 -0.12	22.03 0.68 0.00	22.05 0.68 0.00	22.40 0.65 0.00	23.53 0.66 0.00	24.45 0.69 0.00	22.99 0.54 -0.02	26.59 0.67 0.00	26.13 0.88 -0.11	27.52 0.70 -0.02	30.57 0.77 -0.06	23.51 0.61 -0.29	23.20 0.54 -0.02	21.91 0.51 0.00	21.87 0.59 0.00
INDECK___YERKES 23781	20.32 0.06 0.00	18.27 0.04 0.00	17.41 0.03 0.00	16.56 0.02 0.00	16.58 -0.08 0.00	18.94 -0.11 0.00	21.16 -0.47 -0.15	20.54 -0.70 0.12	20.53 -0.68 0.15	20.79 -0.84 -0.22	20.81 -0.53 0.00	21.00 -0.36 0.00	21.62 -0.13 0.00	22.46 -0.41 0.00	23.26 -0.50 0.00	22.22 -0.25 -0.03	25.24 -0.67 0.00	24.83 -0.50 -0.20	25.88 -0.96 -0.03	28.48 -1.37 -0.11	22.38 -0.77 -0.54	22.26 -0.41 -0.03	21.29 -0.11 0.00	21.40 0.13 0.00
INDIAN POINT_GT_1 24139	21.54 1.28 0.00	19.40 1.17 0.00	18.45 1.08 0.00	17.52 0.98 0.00	17.60 0.93 0.00	20.13 1.07 0.00	26.37 1.53 -3.35	30.60 1.45 -7.78	31.83 1.47 -8.99	31.74 1.43 -8.90	32.89 1.52 -10.04	33.38 1.50 -10.52	31.75 1.57 -8.43	32.79 1.60 -8.33	32.38 1.66 -6.96	34.41 1.64 -10.33	34.12 1.87 -6.34	40.69 1.81 -13.74	38.82 1.90 -10.11	37.26 2.08 -5.44	30.99 1.58 -6.79	26.86 1.65 -2.57	24.74 1.58 -1.76	22.38 1.11 0.00
INDIAN POINT_GT_2 23659	21.54 1.28 0.00	19.40 1.17 0.00	18.45 1.08 0.00	17.52 0.98 0.00	17.60 0.93 0.00	20.13 1.07 0.00	26.37 1.53 -3.35	30.60 1.45 -7.78	31.83 1.47 -8.99	31.74 1.43 -8.90	32.89 1.52 -10.04	33.38 1.50 -10.52	31.75 1.57 -8.43	32.79 1.60 -8.33	32.38 1.66 -6.96	34.41 1.64 -10.33	34.12 1.87 -6.34	40.69 1.81 -13.74	38.82 1.90 -10.11	37.26 2.08 -5.44	30.99 1.58 -6.79	26.86 1.65 -2.57	24.74 1.58 -1.76	22.38 1.11 0.00
INDIAN POINT_GT_3 24019	21.54 1.28 0.00	19.40 1.17 0.00	18.45 1.08 0.00	17.52 0.98 0.00	17.60 0.93 0.00	20.13 1.07 0.00	26.37 1.53 -3.35	30.60 1.45 -7.78	31.83 1.47 -8.99	31.74 1.43 -8.90	32.89 1.52 -10.04	33.38 1.50 -10.52	31.75 1.57 -8.43	32.79 1.60 -8.33	32.38 1.66 -6.96	34.41 1.64 -10.33	34.12 1.87 -6.34	40.69 1.81 -13.74	38.82 1.90 -10.11	37.26 2.08 -5.44	30.99 1.58 -6.79	26.86 1.65 -2.57	24.74 1.58 -1.76	22.38 1.11 0.00
INDIAN POINT___2 23530	21.52 1.26 0.00	19.38 1.15 0.00	18.43 1.06 0.00	17.50 0.96 0.00	17.58 0.92 0.00	20.09 1.03 0.00	26.45 1.48 -3.48	30.73 1.43 -7.94	31.98 1.45 -9.17	32.13 1.41 -9.31	33.44 1.43 -10.67	33.99 1.47 -11.15	32.21 1.52 -8.94	33.27 1.58 -8.82	32.75 1.64 -7.35	34.96 1.59 -10.92	34.41 1.81 -6.68	41.43 1.79 -14.50	39.29 1.82 -10.65	37.37 2.02 -5.61	31.07 1.54 -6.91	26.95 1.61 -2.71	24.81 1.54 -1.87	22.49 1.21 0.00
INDIAN POINT___3 23531	21.52 1.26 0.00	19.38 1.15 0.00	18.43 1.06 0.00	17.50 0.96 0.00	17.58 0.92 0.00	20.11 1.05 0.00	26.32 1.48 -3.35	30.58 1.43 -7.78	31.81 1.45 -9.00	31.72 1.41 -8.90	32.85 1.47 -10.03	33.36 1.47 -10.52	31.70 1.52 -8.43	32.77 1.58 -8.32	32.36 1.64 -6.96	34.36 1.59 -10.33	34.09 1.84 -6.34	40.64 1.76 -13.74	38.76 1.85 -10.10	37.23 2.05 -5.44	30.97 1.56 -6.79	26.81 1.61 -2.57	24.72 1.56 -1.76	22.36 1.09 0.00
INGHAM_C_115KV_TB7 356103	20.18 -0.08 0.00	18.16 -0.07 0.00	17.28 -0.09 0.00	16.46 -0.08 0.00	16.56 -0.10 0.00	18.94 -0.11 0.00	21.38 -0.11 0.00	21.26 -0.11 0.00	21.32 -0.04 0.00	21.43 0.02 0.00	21.30 -0.04 0.00	21.36 0.00 0.00	21.73 -0.02 0.00	22.85 -0.02 0.00	23.74 -0.02 0.00	22.42 -0.02 0.00	25.94 0.03 0.00	25.09 -0.05 0.00	26.78 -0.03 0.00	29.65 -0.09 0.00	22.55 -0.07 0.00	22.59 -0.05 0.00	21.38 -0.02 0.00	21.28 0.00 0.00
IP CORINTH___1 23988	21.70 1.44 0.00	19.49 1.26 0.00	18.53 1.16 0.00	17.62 1.08 0.00	17.90 1.23 0.00	20.55 1.49 0.00	25.36 1.74 -2.13	29.80 1.77 -6.67	30.09 1.79 -6.94	27.52 1.86 -4.24	26.77 1.92 -3.51	26.62 1.94 -3.31	26.22 1.76 -2.71	27.30 1.81 -2.62	27.59 1.90 -1.93	27.65 1.77 -3.43	29.56 1.97 -1.68	33.05 1.84 -6.08	32.01 2.20 -3.00	33.52 2.35 -1.43	30.44 1.94 -5.88	25.62 1.97 -1.01	23.76 1.73 -0.63	22.60 1.32 0.00
IP___TICONDEROGA 23804	22.57 2.31 0.00	20.20 1.97 0.00	19.18 1.81 0.00	18.23 1.69 0.00	18.61 1.95 0.00	21.44 2.38 0.00	26.37 2.75 -2.13	30.85 2.82 -6.67	31.16 2.86 -6.93	28.65 3.00 -4.25	27.93 3.07 -3.51	27.78 3.10 -3.32	27.27 2.81 -2.71	28.37 2.88 -2.62	28.73 3.04 -1.93	28.68 2.81 -3.44	30.81 3.21 -1.68	34.19 2.97 -6.08	33.21 3.40 -3.00	34.78 3.63 -1.42	31.52 3.03 -5.88	26.73 3.08 -1.01	24.72 2.70 -0.63	23.45 2.17 0.00
ISLIP_RES_REC 323679	33.65 2.45 -10.94	25.06 2.24 -4.59	23.72 2.10 -4.25	22.58 1.97 -4.06	27.47 1.90 -8.90	32.02 2.19 -10.77	33.31 2.88 -8.94	36.94 2.84 -12.73	37.59 2.84 -13.39	38.80 3.13 -14.26	40.94 2.84 -16.76	41.57 2.93 -17.28	41.80 3.00 -17.05	45.56 3.04 -19.65	45.58 3.16 -18.65	42.41 3.07 -16.90	42.95 3.47 -13.56	49.73 3.44 -21.14	82.54 3.57 -52.16	80.11 3.89 -46.48	42.59 2.98 -16.99	31.71 3.24 -5.83	28.66 3.19 -4.07	26.70 2.83 -2.60
JAMAICA__27_KV_LOAD 355505	21.88 1.62 0.00	19.71 1.48 0.00	18.73 1.35 0.00	17.80 1.26 0.00	17.80 1.13 0.00	20.35 1.30 0.00	26.66 1.93 -3.24	30.93 1.92 -7.64	32.12 1.92 -8.84	31.78 1.84 -8.53	32.73 1.92 -9.47	33.24 1.92 -9.96	31.68 1.96 -7.97	32.80 2.06 -7.88	32.50 2.14 -6.60	33.93 1.71 -9.79	33.88 1.94 -6.02	40.10 1.91 -13.05	38.43 2.01 -9.61	37.25 2.23 -5.28	31.01 1.72 -6.67	26.87 1.79 -2.44	24.94 1.88 -1.66	22.55 1.28 0.00
JANIS___SOLAR 323808	21.22 0.95 0.00	19.07 0.84 0.00	18.15 0.78 0.00	17.37 0.83 0.00	17.48 0.82 0.00	20.01 0.95 0.00	22.91 1.16 -0.26	23.80 1.22 -1.22	23.88 1.22 -1.30	22.85 1.05 -0.39	22.30 0.96 0.00	22.39 1.03 0.00	22.77 1.02 0.00	23.92 1.05 0.00	24.88 1.12 0.00	23.53 1.03 -0.05	27.34 1.42 0.00	27.04 1.56 -0.34	28.36 1.50 -0.05	31.53 1.60 -0.18	24.74 1.20 -0.93	23.91 1.22 -0.05	22.53 1.13 0.00	22.47 1.19 0.00
JARVIS____ 23743	20.26 0.00 0.00	18.25 0.02 0.00	17.37 0.00 0.00	16.54 0.00 0.00	16.66 0.00 0.00	19.06 0.00 0.00	21.51 0.02 0.00	21.38 0.02 0.00	21.38 0.02 0.00	21.43 0.02 0.00	21.36 0.02 0.00	21.38 0.02 0.00	21.77 0.02 0.00	22.89 0.02 0.00	23.81 0.05 0.00	22.49 0.04 0.00	25.97 0.05 0.00	25.16 0.03 0.00	26.89 0.08 0.00	29.83 0.09 0.00	22.68 0.07 0.00	22.71 0.07 0.00	21.46 0.06 0.00	21.32 0.04 0.00

JENNISON___1 23625	21.38 1.11 0.00	19.24 1.00 0.00	18.31 0.94 0.00	17.50 0.96 0.00	17.60 0.93 0.00	20.13 1.07 0.00	23.12 1.29 -0.35	24.08 1.30 -1.42	24.19 1.32 -1.50	23.19 1.26 -0.51	22.62 1.28 0.00	22.62 1.26 0.00	23.03 1.28 0.00	24.22 1.35 0.00	25.19 1.43 0.00	23.79 1.28 -0.07	27.65 1.74 0.00	27.14 1.56 -0.45	28.65 1.77 -0.07	31.86 1.87 -0.25	25.28 1.40 -1.26	24.16 1.45 -0.07	22.81 1.41 0.00	22.49 1.21 0.00
JENNISON___2 23626	21.38 1.11 0.00	19.24 1.00 0.00	18.31 0.94 0.00	17.50 0.96 0.00	17.60 0.93 0.00	20.13 1.07 0.00	23.12 1.29 -0.35	24.08 1.30 -1.42	24.19 1.32 -1.50	23.19 1.26 -0.51	22.62 1.28 0.00	22.62 1.26 0.00	23.03 1.28 0.00	24.22 1.35 0.00	25.19 1.43 0.00	23.79 1.28 -0.07	27.65 1.74 0.00	27.14 1.56 -0.45	28.65 1.77 -0.07	31.86 1.87 -0.25	25.28 1.40 -1.26	24.16 1.45 -0.07	22.81 1.41 0.00	22.49 1.21 0.00
JERICHO_RISE_WT_PWR 323719	19.25 -1.01 0.00	17.29 -0.95 0.00	16.55 -0.82 0.00	15.77 -0.78 0.00	15.91 -0.75 0.00	18.24 -0.82 0.00	20.41 -1.07 0.00	20.27 -1.09 0.00	20.27 -1.09 0.00	20.51 -0.90 0.00	20.51 -0.83 0.00	20.45 -0.92 0.00	20.79 -0.96 0.00	22.00 -0.87 0.00	22.91 -0.85 0.00	21.75 -0.70 0.00	25.19 -0.73 0.00	24.51 -0.63 0.00	26.06 -0.75 0.00	28.96 -0.77 0.00	21.91 -0.70 0.00	22.03 -0.61 0.00	20.80 -0.60 0.00	20.72 -0.55 0.00
KATONAH___115KV_46KV_TB4 355592	21.66 1.40 0.00	19.51 1.28 0.00	18.52 1.15 0.00	17.62 1.08 0.00	17.70 1.03 0.00	20.24 1.18 0.00	26.28 1.70 -3.09	30.39 1.56 -7.47	31.59 1.60 -8.63	31.06 1.58 -8.07	31.82 1.71 -8.77	32.30 1.69 -9.25	30.92 1.76 -7.41	32.00 1.81 -7.32	31.77 1.85 -6.16	33.38 1.82 -9.12	33.61 2.07 -5.62	39.37 2.01 -12.22	37.88 2.09 -8.98	37.08 2.29 -5.05	30.84 1.70 -6.53	26.76 1.83 -2.29	24.58 1.65 -1.53	22.47 1.19 0.00
KCE_NY_1 323755	21.46 1.20 0.00	19.29 1.06 0.00	18.36 0.99 0.00	17.45 0.91 0.00	17.68 1.02 0.00	20.28 1.22 0.00	25.04 1.42 -2.13	29.46 1.43 -6.67	29.74 1.45 -6.93	27.13 1.48 -4.25	26.34 1.47 -3.53	26.23 1.54 -3.32	25.99 1.52 -2.72	27.05 1.56 -2.63	27.33 1.64 -1.93	27.41 1.53 -3.44	29.33 1.74 -1.67	32.82 1.58 -6.10	31.63 1.82 -3.00	33.10 1.96 -1.40	30.03 1.54 -5.87	25.21 1.56 -1.01	23.42 1.39 -0.63	22.42 1.15 0.00
KCE_NY_6_ESR 323823	20.51 0.24 0.00	18.45 0.22 0.00	17.58 0.21 0.00	16.73 0.18 0.00	16.75 0.08 0.00	19.14 0.08 0.00	21.17 -0.47 -0.16	20.58 -0.58 0.21	20.68 -0.43 0.25	20.87 -0.77 -0.23	20.83 -0.51 0.00	21.26 -0.11 0.00	21.88 0.13 0.00	22.76 -0.11 0.00	23.60 -0.17 0.00	22.54 0.07 -0.03	25.63 -0.28 0.00	25.22 -0.13 -0.21	26.12 -0.72 -0.03	28.63 -1.22 -0.11	22.50 -0.68 -0.57	22.58 -0.09 -0.03	21.57 0.17 0.00	21.70 0.43 0.00
KEDC_PORT_JEFF_GT2 24210	33.47 2.27 -10.94	24.92 2.10 -4.59	23.58 1.96 -4.25	22.43 1.82 -4.06	27.33 1.77 -8.90	31.85 2.02 -10.77	33.12 2.69 -8.94	36.72 2.63 -12.73	37.39 2.63 -13.40	38.59 2.91 -14.27	40.71 2.60 -16.76	41.34 2.69 -17.28	41.56 2.76 -17.05	45.24 2.72 -19.65	45.25 2.83 -18.66	43.48 2.76 -18.28	43.48 3.11 -14.45	50.59 3.09 -22.36	91.70 3.22 -61.68	88.93 3.51 -55.69	43.48 2.69 -18.18	31.49 3.01 -5.84	28.45 2.97 -4.08	26.51 2.64 -2.60
KEDC_PORT_JEFF_GT3 24211	33.47 2.27 -10.94	24.92 2.10 -4.59	23.58 1.96 -4.25	22.43 1.82 -4.06	27.33 1.77 -8.90	31.85 2.02 -10.77	33.12 2.69 -8.94	36.72 2.63 -12.73	37.39 2.63 -13.40	38.59 2.91 -14.27	40.71 2.60 -16.76	41.34 2.69 -17.28	41.56 2.76 -17.05	45.24 2.72 -19.65	45.25 2.83 -18.66	43.48 2.76 -18.28	43.48 3.11 -14.45	50.59 3.09 -22.36	91.70 3.22 -61.68	88.93 3.51 -55.69	43.48 2.69 -18.18	31.49 3.01 -5.84	28.45 2.97 -4.08	26.51 2.64 -2.60
KEDC_GLWD_GT4 24219	32.98 1.78 -10.94	24.44 1.62 -4.59	23.13 1.51 -4.25	22.00 1.39 -4.06	26.92 1.35 -8.90	31.35 1.53 -10.77	32.49 2.06 -8.94	36.11 2.03 -12.72	36.75 2.05 -13.34	37.87 2.25 -14.21	40.12 2.03 -16.75	40.75 2.12 -17.27	40.96 2.17 -17.04	44.72 2.22 -19.63	44.69 2.28 -18.64	35.37 2.09 -10.84	37.93 2.38 -9.63	43.30 2.34 -15.82	39.62 2.41 -10.40	38.45 2.65 -6.06	36.42 2.04 -11.77	30.58 2.13 -5.82	27.49 2.03 -4.06	25.55 1.68 -2.59
KEDC_GLWD_GT5 24220	32.98 1.78 -10.94	24.44 1.62 -4.59	23.13 1.51 -4.25	22.00 1.39 -4.06	26.92 1.35 -8.90	31.35 1.53 -10.77	32.49 2.06 -8.94	36.11 2.03 -12.72	36.75 2.05 -13.34	37.87 2.25 -14.21	40.12 2.03 -16.75	40.75 2.12 -17.27	40.96 2.17 -17.04	44.72 2.22 -19.63	44.69 2.28 -18.64	35.37 2.09 -10.84	37.93 2.38 -9.63	43.30 2.34 -15.82	39.62 2.41 -10.40	38.45 2.65 -6.06	36.42 2.04 -11.77	30.58 2.13 -5.82	27.49 2.03 -4.06	25.55 1.68 -2.59
KENSICO____ 23655	21.60 1.34 0.00	19.46 1.22 0.00	18.48 1.11 0.00	17.57 1.03 0.00	17.63 0.97 0.00	20.18 1.12 0.00	26.34 1.59 -3.27	30.58 1.54 -7.68	31.80 1.56 -8.88	31.55 1.52 -8.62	32.53 1.58 -9.61	33.05 1.58 -10.10	31.47 1.63 -8.09	32.55 1.69 -7.99	32.19 1.73 -6.70	34.07 1.71 -9.93	33.96 1.94 -6.10	40.26 1.89 -13.23	38.53 1.98 -9.73	37.23 2.17 -5.32	30.97 1.65 -6.70	26.84 1.72 -2.48	24.73 1.65 -1.68	22.47 1.19 0.00
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	21.52 1.26 0.00	19.36 1.13 0.00	18.41 1.04 0.00	17.49 0.94 0.00	17.46 0.80 0.00	19.95 0.90 0.00	24.64 1.35 -1.80	27.61 1.17 -5.07	28.27 1.22 -5.69	26.78 1.18 -4.19	26.44 1.24 -3.86	26.65 1.22 -4.06	26.24 1.24 -3.25	27.39 1.30 -3.22	27.79 1.33 -2.70	27.88 1.35 -4.09	29.94 1.55 -2.46	32.61 1.53 -5.94	32.47 1.64 -4.03	34.16 1.90 -2.52	28.46 1.38 -4.46	25.18 1.45 -1.10	23.46 1.39 -0.68	22.30 1.02 0.00
KIAC_JFK_GT1 23816	21.78 1.52 0.00	19.64 1.40 0.00	18.64 1.27 0.00	17.72 1.17 0.00	17.73 1.07 0.00	20.28 1.22 0.00	26.55 1.83 -3.24	30.82 1.82 -7.64	31.93 1.73 -8.84	31.61 1.67 -8.53	32.56 1.75 -9.47	33.07 1.75 -9.96	31.51 1.78 -7.97	32.62 1.88 -7.88	32.29 1.92 -6.60	33.73 1.50 -9.79	33.68 1.74 -6.02	39.88 1.68 -13.05	38.18 1.77 -9.61	36.95 1.93 -5.28	30.89 1.61 -6.67	26.76 1.68 -2.44	24.83 1.78 -1.66	22.45 1.17 0.00
KIAC_JFK_GT2 23817	21.78 1.52 0.00	19.64 1.40 0.00	18.64 1.27 0.00	17.72 1.17 0.00	17.73 1.07 0.00	20.28 1.22 0.00	26.55 1.83 -3.24	30.82 1.82 -7.64	31.93 1.73 -8.84	31.61 1.67 -8.53	32.56 1.75 -9.47	33.07 1.75 -9.96	31.51 1.78 -7.97	32.62 1.88 -7.88	32.29 1.92 -6.60	33.73 1.50 -9.79	33.68 1.74 -6.02	39.88 1.68 -13.05	38.18 1.77 -9.61	36.95 1.93 -5.28	30.89 1.61 -6.67	26.76 1.68 -2.44	24.83 1.78 -1.66	22.45 1.17 0.00
KIAC_JFK____ 323774	21.78 1.52 0.00	19.64 1.40 0.00	18.64 1.27 0.00	17.72 1.17 0.00	17.73 1.07 0.00	20.26 1.20 0.00	26.55 1.83 -3.24	30.82 1.81 -7.64	31.95 1.75 -8.84	31.59 1.65 -8.53	32.47 1.67 -9.47	33.07 1.75 -9.96	31.51 1.78 -7.97	32.62 1.88 -7.88	32.29 1.92 -6.60	33.73 1.50 -9.79	33.65 1.71 -6.02	39.90 1.71 -13.05	38.18 1.77 -9.61	36.92 1.90 -5.28	30.89 1.61 -6.67	26.76 1.68 -2.44	24.83 1.77 -1.66	22.57 1.30 0.00

KINTIGH____ 23543	19.96 -0.30 0.00	17.96 -0.27 0.00	17.11 -0.26 0.00	16.31 -0.23 0.00	16.38 -0.28 0.00	18.68 -0.38 0.00	21.44 -0.17 -0.13	20.90 -0.53 -0.08	20.66 -0.77 -0.06	21.28 -0.32 -0.19	20.77 -0.58 0.00	20.81 -0.56 0.00	21.34 -0.41 0.00	22.25 -0.62 0.00	23.10 -0.67 0.00	22.27 -0.20 -0.03	25.32 -0.60 0.00	25.13 -0.18 -0.17	26.22 -0.62 -0.03	29.33 -0.51 -0.10	22.78 -0.32 -0.49	22.24 -0.43 -0.03	21.05 -0.34 0.00	20.96 -0.32 0.00
KNTFSRNC_46_KV_46KV_LOAD 80397	19.39 -0.87 0.00	17.41 -0.82 0.00	16.69 -0.68 0.00	15.88 -0.66 0.00	16.03 -0.63 0.00	18.41 -0.65 0.00	20.60 -0.88 0.00	20.47 -0.90 0.00	20.47 -0.90 0.00	20.66 -0.75 0.00	20.70 -0.64 0.00	20.66 -0.70 0.00	21.03 -0.72 0.00	22.27 -0.59 0.00	23.17 -0.59 0.00	22.06 -0.38 0.00	25.50 -0.41 0.00	24.91 -0.23 0.00	26.38 -0.43 0.00	29.29 -0.45 0.00	22.28 -0.34 0.00	22.32 -0.32 0.00	21.03 -0.36 0.00	21.06 -0.21 0.00
LACHUTE__HYDRO 323717	22.57 2.31 0.00	20.20 1.97 0.00	19.18 1.81 0.00	18.23 1.69 0.00	18.61 1.95 0.00	21.42 2.36 0.00	26.37 2.75 -2.13	30.85 2.82 -6.67	31.20 2.90 -6.93	28.63 2.97 -4.25	27.84 2.99 -3.51	27.78 3.10 -3.32	27.27 2.81 -2.71	28.37 2.88 -2.62	28.73 3.04 -1.93	28.66 2.78 -3.44	30.75 3.16 -1.68	33.92 2.69 -6.09	33.10 3.30 -3.00	34.72 3.57 -1.42	31.47 2.98 -5.87	26.66 3.01 -1.01	24.66 2.63 -0.63	23.53 2.25 0.00
LAWRNCV_115KV_TB1 80681	19.84 -0.43 0.00	17.87 -0.36 0.00	17.04 -0.33 0.00	16.23 -0.31 0.00	16.36 -0.30 0.00	18.73 -0.32 0.00	21.01 -0.47 0.00	20.91 -0.45 0.00	20.89 -0.47 0.00	20.94 -0.47 0.00	20.92 -0.43 0.00	20.94 -0.43 0.00	21.29 -0.46 0.00	22.46 -0.41 0.00	23.36 -0.40 0.00	22.08 -0.36 0.00	25.45 -0.47 0.00	24.64 -0.50 0.00	26.27 -0.54 0.00	29.14 -0.59 0.00	22.19 -0.43 0.00	22.28 -0.36 0.00	21.08 -0.32 0.00	21.06 -0.21 0.00
LEDERLE____ 23769	21.58 1.32 0.00	19.42 1.19 0.00	18.46 1.09 0.00	17.55 1.01 0.00	17.60 0.93 0.00	20.13 1.07 0.00	26.77 1.53 -3.76	31.18 1.47 -8.35	32.47 1.47 -9.63	33.01 1.43 -10.17	34.77 1.52 -11.91	35.26 1.50 -12.40	33.25 1.54 -9.95	34.30 1.62 -9.81	33.56 1.66 -8.14	36.20 1.64 -12.12	35.20 1.89 -7.39	43.01 1.84 -16.03	40.52 1.93 -11.78	37.90 2.14 -6.02	31.49 1.61 -7.27	27.28 1.65 -2.98	25.09 1.60 -2.09	22.40 1.13 0.00
LIGHTHSE_115KV_TB6 355974	20.63 0.36 0.00	18.56 0.33 0.00	17.68 0.31 0.00	16.91 0.36 0.00	17.03 0.37 0.00	19.44 0.38 0.00	22.05 0.49 -0.07	22.11 0.45 -0.29	22.10 0.43 -0.31	21.97 0.45 -0.11	21.75 0.41 0.00	21.85 0.49 0.00	22.23 0.48 0.00	23.35 0.48 0.00	24.28 0.52 0.00	22.81 0.36 -0.01	26.36 0.44 0.00	25.79 0.55 -0.09	27.36 0.54 -0.02	30.39 0.59 -0.05	23.36 0.47 -0.27	23.13 0.48 -0.02	21.82 0.43 0.00	21.74 0.47 0.00
LINDEN COGEN____ 23786	21.60 1.34 0.00	19.47 1.24 0.00	18.48 1.11 0.00	17.57 1.03 0.00	17.61 0.95 0.00	20.11 1.05 0.00	26.34 1.61 -3.24	30.59 1.58 -7.64	31.78 1.58 -8.84	31.39 1.46 -8.53	32.32 1.52 -9.46	32.30 1.56 -9.38	30.87 1.61 -7.51	31.66 1.65 -7.15	31.56 1.71 -6.09	31.82 1.62 -7.76	32.28 1.84 -4.52	32.34 1.81 -5.39	32.27 1.88 -3.58	32.25 2.02 -0.49	30.89 1.61 -6.67	26.80 1.72 -2.44	24.77 1.71 -1.66	22.53 1.25 0.00
LINDHRST_69_KV_BK1 356055	33.33 2.13 -10.94	24.75 1.93 -4.59	23.42 1.81 -4.25	22.30 1.69 -4.06	27.20 1.63 -8.90	31.70 1.87 -10.77	32.88 2.45 -8.94	36.52 2.44 -12.72	37.14 2.44 -13.34	38.02 2.40 -14.22	40.59 2.50 -16.75	41.11 2.48 -17.27	41.33 2.54 -17.04	45.11 2.61 -19.64	45.12 2.71 -18.64	35.99 2.65 -10.90	37.15 3.03 -8.20	43.01 2.92 -14.96	43.91 3.08 -14.01	42.71 3.42 -9.55	34.95 2.60 -9.73	29.56 2.78 -4.13	26.99 2.74 -2.86	24.83 2.26 -1.30
LIPA_MISC_IPP 23656	33.45 2.25 -10.94	24.90 2.08 -4.59	23.58 1.96 -4.25	22.43 1.82 -4.06	27.32 1.75 -8.90	31.87 2.04 -10.77	33.12 2.69 -8.94	36.72 2.63 -12.73	37.38 2.63 -13.39	38.24 2.57 -14.26	40.77 2.67 -16.76	41.33 2.69 -17.28	41.56 2.76 -17.05	45.30 2.79 -19.64	45.31 2.90 -18.65	41.84 2.81 -16.59	41.03 3.21 -11.90	48.22 3.12 -19.96	83.37 3.30 -53.27	80.90 3.63 -47.53	40.00 2.76 -14.63	29.80 3.01 -4.15	27.26 3.00 -2.87	25.08 2.51 -1.30
LISF__SOLAR 323691	33.49 2.29 -10.94	24.94 2.11 -4.59	23.60 1.98 -4.25	22.46 1.85 -4.06	27.35 1.78 -8.90	31.87 2.04 -10.77	33.14 2.71 -8.94	36.76 2.67 -12.73	37.40 2.65 -13.39	38.61 2.93 -14.26	40.72 2.62 -16.76	41.36 2.71 -17.28	41.60 2.81 -17.05	45.33 2.81 -19.64	45.34 2.92 -18.65	42.47 2.83 -17.20	42.88 3.21 -13.75	49.74 3.19 -21.41	84.39 3.32 -54.26	81.87 3.63 -48.51	42.67 2.80 -17.25	31.53 3.05 -5.83	28.49 3.02 -4.07	26.53 2.66 -2.60
LITTLE FALLS__HYD 24013	20.18 -0.08 0.00	18.16 -0.07 0.00	17.28 -0.09 0.00	16.46 -0.08 0.00	16.56 -0.10 0.00	18.94 -0.11 0.00	21.38 -0.11 0.00	21.26 -0.11 0.00	21.32 -0.04 0.00	21.43 0.02 0.00	21.30 -0.04 0.00	21.36 0.00 0.00	21.73 -0.02 0.00	22.85 -0.02 0.00	23.74 -0.02 0.00	22.42 -0.02 0.00	25.94 0.03 0.00	25.09 -0.05 0.00	26.78 -0.03 0.00	29.65 -0.09 0.00	22.55 -0.07 0.00	22.59 -0.05 0.00	21.38 -0.02 0.00	21.28 0.00 0.00
LITTLRIV_115KV_TB1 356100	19.96 -0.30 0.00	17.98 -0.26 0.00	17.16 -0.21 0.00	16.34 -0.20 0.00	16.46 -0.20 0.00	18.85 -0.21 0.00	21.16 -0.32 0.00	21.04 -0.32 0.00	21.04 -0.32 0.00	21.09 -0.32 0.00	21.06 -0.28 0.00	21.06 -0.30 0.00	21.40 -0.35 0.00	22.59 -0.27 0.00	23.50 -0.26 0.00	22.19 -0.25 0.00	25.63 -0.29 0.00	24.81 -0.33 0.00	26.49 -0.32 0.00	29.41 -0.33 0.00	22.37 -0.25 0.00	22.46 -0.18 0.00	21.23 -0.17 0.00	21.19 -0.09 0.00
LI_NEWBRDGE__DRP 323616	32.82 1.62 -10.94	24.30 1.48 -4.59	22.99 1.37 -4.25	21.87 1.26 -4.06	26.77 1.20 -8.90	31.22 1.39 -10.77	32.32 1.89 -8.94	35.91 1.84 -12.71	36.54 1.84 -13.34	37.42 1.80 -14.21	39.97 1.88 -16.75	40.51 1.88 -17.27	40.72 1.94 -17.04	44.47 1.97 -19.63	44.43 2.02 -18.64	34.78 2.02 -10.32	36.05 2.31 -7.83	41.83 2.24 -14.45	39.17 2.36 -10.01	37.99 2.59 -5.67	33.83 1.99 -9.23	28.85 2.08 -4.13	26.33 2.08 -2.85	24.18 1.62 -1.29
LOCKPORT_115KV_TB60_63_64 80432	20.12 -0.14 0.00	18.12 -0.11 0.00	17.28 -0.09 0.00	16.46 -0.08 0.00	16.48 -0.18 0.00	18.75 -0.30 0.00	21.07 -0.56 -0.14	20.50 -0.81 0.05	20.44 -0.85 0.07	20.89 -0.73 -0.21	20.77 -0.58 0.00	20.81 -0.56 0.00	21.42 -0.33 0.00	22.27 -0.59 0.00	23.07 -0.69 0.00	22.29 -0.18 -0.03	25.40 -0.52 0.00	24.80 -0.53 -0.18	25.98 -0.86 -0.03	28.86 -0.98 -0.10	22.49 -0.66 -0.53	22.22 -0.45 -0.03	21.16 -0.24 0.00	21.13 -0.15 0.00
LOCKPORT__CC1 323769	20.18 -0.08 0.00	18.14 -0.09 0.00	17.28 -0.09 0.00	16.46 -0.08 0.00	16.48 -0.18 0.00	18.85 -0.21 0.00	21.09 -0.54 -0.14	20.47 -0.81 0.09	20.42 -0.83 0.11	20.68 -0.94 -0.21	20.68 -0.66 0.00	20.81 -0.56 0.00	21.40 -0.35 0.00	22.25 -0.62 0.00	23.07 -0.69 0.00	22.02 -0.45 -0.03	25.01 -0.91 0.00	24.60 -0.73 -0.19	25.69 -1.15 -0.03	28.32 -1.52 -0.10	22.23 -0.91 -0.52	22.06 -0.61 -0.03	21.10 -0.30 0.00	21.21 -0.06 0.00

LOCKPORT___CC2 323770	20.18 -0.08 0.00	18.14 -0.09 0.00	17.28 -0.09 0.00	16.46 -0.08 0.00	16.48 -0.18 0.00	18.85 -0.21 0.00	21.09 -0.54 -0.14	20.47 -0.81 0.09	20.42 -0.83 0.11	20.68 -0.94 -0.21	20.68 -0.66 0.00	20.81 -0.56 0.00	21.40 -0.35 0.00	22.25 -0.62 0.00	23.07 -0.69 0.00	22.02 -0.45 -0.03	25.01 -0.91 0.00	24.60 -0.73 -0.19	25.69 -1.15 -0.03	28.32 -1.52 -0.10	22.23 -0.91 -0.52	22.06 -0.61 -0.03	21.10 -0.30 0.00	21.21 -0.06 0.00
LOCKPORT___CC3 323771	20.18 -0.08 0.00	18.14 -0.09 0.00	17.28 -0.09 0.00	16.46 -0.08 0.00	16.48 -0.18 0.00	18.85 -0.21 0.00	21.09 -0.54 -0.14	20.47 -0.81 0.09	20.42 -0.83 0.11	20.68 -0.94 -0.21	20.68 -0.66 0.00	20.81 -0.56 0.00	21.40 -0.35 0.00	22.25 -0.62 0.00	23.07 -0.69 0.00	22.02 -0.45 -0.03	25.01 -0.91 0.00	24.60 -0.73 -0.19	25.69 -1.15 -0.03	28.32 -1.52 -0.10	22.23 -0.91 -0.52	22.06 -0.61 -0.03	21.10 -0.30 0.00	21.21 -0.06 0.00
LONG_LAKE_PHOENIX 24014	20.61 0.34 0.00	18.53 0.29 0.00	17.65 0.28 0.00	16.86 0.31 0.00	17.00 0.33 0.00	19.42 0.36 0.00	22.06 0.49 -0.08	22.22 0.53 -0.32	22.26 0.56 -0.34	22.10 0.58 -0.12	21.88 0.53 0.00	21.88 0.51 0.00	22.27 0.52 0.00	23.37 0.50 0.00	24.28 0.52 0.00	22.86 0.40 -0.02	26.43 0.52 0.00	25.90 0.65 -0.10	27.34 0.51 -0.02	30.36 0.56 -0.06	23.35 0.43 -0.31	23.06 0.41 -0.02	21.76 0.36 0.00	21.70 0.43 0.00
LOVETT___3 23632	21.50 1.24 0.00	19.36 1.13 0.00	18.41 1.04 0.00	17.49 0.94 0.00	17.55 0.88 0.00	20.09 1.03 0.00	26.62 1.46 -3.67	30.98 1.41 -8.21	32.25 1.41 -9.48	32.67 1.37 -9.89	34.31 1.45 -11.52	34.80 1.43 -12.01	32.86 1.48 -9.63	33.90 1.53 -9.50	33.24 1.59 -7.89	35.74 1.55 -11.75	34.90 1.81 -7.17	42.42 1.73 -15.55	40.05 1.82 -11.42	37.65 2.02 -5.89	31.28 1.52 -7.15	27.12 1.58 -2.90	24.94 1.52 -2.02	22.34 1.06 0.00
LOVETT___4 23642	21.50 1.24 0.00	19.36 1.13 0.00	18.41 1.04 0.00	17.49 0.94 0.00	17.55 0.88 0.00	20.09 1.03 0.00	26.62 1.46 -3.67	30.98 1.41 -8.21	32.25 1.41 -9.48	32.67 1.37 -9.89	34.31 1.45 -11.52	34.80 1.43 -12.01	32.86 1.48 -9.63	33.90 1.53 -9.50	33.24 1.59 -7.89	35.74 1.55 -11.75	34.90 1.81 -7.17	42.42 1.73 -15.55	40.05 1.82 -11.42	37.65 2.02 -5.89	31.28 1.52 -7.15	27.12 1.58 -2.90	24.94 1.52 -2.02	22.34 1.06 0.00
LOVETT___5 23593	21.50 1.24 0.00	19.36 1.13 0.00	18.41 1.04 0.00	17.49 0.94 0.00	17.55 0.88 0.00	20.09 1.03 0.00	26.62 1.46 -3.67	30.98 1.41 -8.21	32.25 1.41 -9.48	32.67 1.37 -9.89	34.31 1.45 -11.52	34.80 1.43 -12.01	32.86 1.48 -9.63	33.90 1.53 -9.50	33.24 1.59 -7.89	35.74 1.55 -11.75	34.90 1.81 -7.17	42.42 1.73 -15.55	40.05 1.82 -11.42	37.65 2.02 -5.89	31.28 1.52 -7.15	27.12 1.58 -2.90	24.94 1.52 -2.02	22.34 1.06 0.00
LOWER RAQUET___HYD 24057	19.82 -0.45 0.00	17.85 -0.38 0.00	17.04 -0.33 0.00	16.23 -0.31 0.00	16.36 -0.30 0.00	18.73 -0.32 0.00	21.01 -0.47 0.00	20.91 -0.45 0.00	20.89 -0.47 0.00	21.00 -0.41 0.00	20.96 -0.38 0.00	20.94 -0.43 0.00	21.29 -0.46 0.00	22.46 -0.41 0.00	23.36 -0.40 0.00	22.04 -0.40 0.00	25.45 -0.47 0.00	24.59 -0.55 0.00	26.22 -0.59 0.00	29.14 -0.59 0.00	22.10 -0.52 0.00	22.25 -0.38 0.00	21.05 -0.34 0.00	21.00 -0.28 0.00
LOWER___HUDSON 24059	21.05 0.79 0.00	18.94 0.71 0.00	18.07 0.70 0.00	17.17 0.63 0.00	17.36 0.70 0.00	19.88 0.82 0.00	24.60 0.97 -2.15	29.01 0.98 -6.66	29.21 0.98 -6.86	26.66 0.99 -4.27	25.97 0.98 -3.64	25.77 1.03 -3.38	25.57 1.04 -2.78	26.62 1.08 -2.68	26.81 1.12 -1.93	26.99 1.05 -3.49	28.79 1.22 -1.66	32.50 1.13 -6.23	31.06 1.26 -2.99	32.36 1.37 -1.26	29.52 1.04 -5.86	24.70 1.04 -1.02	22.97 0.92 -0.66	21.98 0.70 0.00
LOWVILLE_115KV_TB2 356335	20.26 0.00 0.00	18.29 0.05 0.00	17.46 0.09 0.00	16.69 0.15 0.00	16.81 0.15 0.00	19.25 0.19 0.00	21.80 0.28 -0.03	21.76 0.26 -0.14	21.73 0.21 -0.15	21.65 0.19 -0.05	21.45 0.11 0.00	21.51 0.15 0.00	21.86 0.11 0.00	23.05 0.18 0.00	24.14 0.38 0.00	22.76 0.31 -0.01	26.49 0.57 0.00	25.74 0.55 -0.05	27.54 0.72 -0.01	30.57 0.80 -0.03	23.35 0.59 -0.14	23.24 0.59 -0.01	21.97 0.58 0.00	21.81 0.53 0.00
LUTHERFT_115KV_GLOB_FND_222 355753	21.46 1.20 0.00	19.29 1.06 0.00	18.34 0.97 0.00	17.45 0.91 0.00	17.68 1.02 0.00	20.28 1.22 0.00	25.01 1.40 -2.13	29.46 1.43 -6.67	29.72 1.43 -6.93	27.11 1.46 -4.25	26.38 1.52 -3.53	26.22 1.54 -3.32	25.97 1.50 -2.72	27.03 1.53 -2.63	27.31 1.62 -1.93	27.41 1.53 -3.44	29.33 1.74 -1.67	32.87 1.63 -6.10	31.63 1.82 -3.00	33.13 1.99 -1.40	30.05 1.56 -5.88	25.21 1.56 -1.01	23.44 1.41 -0.63	22.32 1.04 0.00
LUTHERNY_35_KV_BK2 355980	21.46 1.20 0.00	19.29 1.06 0.00	18.36 0.99 0.00	17.45 0.91 0.00	17.68 1.02 0.00	20.28 1.22 0.00	25.04 1.42 -2.13	29.46 1.43 -6.67	29.72 1.43 -6.93	27.13 1.48 -4.25	26.41 1.54 -3.53	26.22 1.54 -3.32	25.99 1.52 -2.72	27.05 1.56 -2.63	27.33 1.64 -1.93	27.43 1.55 -3.44	29.35 1.76 -1.67	32.90 1.66 -6.10	31.65 1.85 -3.00	33.13 1.99 -1.40	30.05 1.56 -5.88	25.23 1.58 -1.01	23.44 1.41 -0.63	22.34 1.06 0.00
LWR___OSWEGATCHIE_HYD 23850	20.08 -0.18 0.00	18.11 -0.13 0.00	17.27 -0.10 0.00	16.48 -0.07 0.00	16.61 -0.05 0.00	19.02 -0.04 0.00	21.45 -0.06 -0.02	21.38 -0.09 -0.10	21.36 -0.11 -0.11	21.34 -0.11 -0.04	21.21 -0.13 0.00	21.24 -0.13 0.00	21.60 -0.15 0.00	22.78 -0.09 0.00	23.76 0.00 0.00	22.40 -0.04 -0.01	25.97 0.05 0.00	25.20 0.03 -0.03	26.92 0.11 -0.01	29.88 0.12 -0.02	22.81 0.09 -0.11	22.78 0.14 -0.01	21.57 0.17 0.00	21.47 0.19 0.00
LYONS_FALL_HYD 23570	20.41 0.14 0.00	18.40 0.16 0.00	17.54 0.17 0.00	16.76 0.21 0.00	16.88 0.22 0.00	19.33 0.27 0.00	21.88 0.36 -0.03	21.84 0.34 -0.14	21.83 0.32 -0.15	21.76 0.30 -0.05	21.56 0.21 0.00	21.62 0.26 0.00	21.99 0.24 0.00	23.17 0.30 0.00	24.19 0.43 0.00	22.81 0.36 -0.01	26.49 0.57 0.00	25.74 0.55 -0.05	27.46 0.64 -0.01	30.51 0.74 -0.03	23.29 0.54 -0.13	23.17 0.52 -0.01	21.89 0.49 0.00	21.79 0.51 0.00
MADISON___COUNTY_LFGE 323628	20.73 0.47 0.00	18.67 0.44 0.00	17.77 0.40 0.00	16.97 0.43 0.00	17.10 0.43 0.00	19.55 0.50 0.00	22.17 0.62 -0.06	22.22 0.62 -0.24	22.23 0.62 -0.25	22.14 0.64 -0.09	21.90 0.55 0.00	21.94 0.58 0.00	22.29 0.54 0.00	23.44 0.57 0.00	24.38 0.62 0.00	22.97 0.52 -0.01	26.64 0.73 0.00	25.87 0.65 -0.08	27.57 0.75 -0.01	30.58 0.80 -0.04	23.43 0.59 -0.22	23.24 0.59 -0.01	21.95 0.56 0.00	21.83 0.55 0.00
MALONE___115KV_TB1 356076	19.51 -0.75 0.00	17.54 -0.69 0.00	16.78 -0.59 0.00	15.98 -0.56 0.00	16.13 -0.53 0.00	18.49 -0.57 0.00	20.71 -0.77 0.00	20.57 -0.79 0.00	20.59 -0.77 0.00	20.75 -0.66 0.00	20.79 -0.55 0.00	20.77 -0.60 0.00	21.14 -0.61 0.00	22.37 -0.50 0.00	23.24 -0.52 0.00	22.08 -0.36 0.00	25.53 -0.39 0.00	24.86 -0.28 0.00	26.41 -0.40 0.00	29.29 -0.45 0.00	22.30 -0.32 0.00	22.34 -0.29 0.00	21.05 -0.34 0.00	21.06 -0.21 0.00

MAPLEWOD_115KV_TB3 80458	20.91 0.65 0.00	18.80 0.57 0.00	17.93 0.56 0.00	17.06 0.51 0.00	17.25 0.58 0.00	19.74 0.69 0.00	24.39 0.77 -2.14	28.77 0.79 -6.62	29.04 0.79 -6.88	26.49 0.79 -4.29	25.82 0.85 -3.63	25.64 0.85 -3.42	25.42 0.87 -2.80	26.49 0.91 -2.71	26.71 0.95 -1.99	26.87 0.90 -3.53	28.69 1.04 -1.73	32.31 0.98 -6.19	30.94 1.05 -3.08	32.29 1.13 -1.43	29.31 0.86 -5.84	24.55 0.88 -1.03	22.82 0.77 -0.65	21.68 0.40 0.00
MAPLE_RIDGE_WT_1 323574	18.99 -1.28 0.00	17.07 -1.17 0.00	16.26 -1.11 0.00	15.48 -1.06 0.00	15.61 -1.05 0.00	17.86 -1.20 0.00	20.20 -1.29 0.00	20.10 -1.26 0.00	20.17 -1.20 0.00	20.25 -1.16 0.00	20.21 -1.13 0.00	20.25 -1.11 0.00	20.66 -1.09 0.00	21.82 -1.05 0.00	22.79 -0.98 0.00	21.59 -0.85 0.00	25.04 -0.88 0.00	24.33 -0.81 0.00	26.01 -0.80 0.00	28.90 -0.83 0.00	21.98 -0.63 0.00	22.00 -0.63 0.00	20.80 -0.60 0.00	20.72 -0.55 0.00
MAPLE_RIDGE_WT_2 323611	18.99 -1.28 0.00	17.07 -1.17 0.00	16.26 -1.11 0.00	15.48 -1.06 0.00	15.61 -1.05 0.00	17.86 -1.20 0.00	20.20 -1.29 0.00	20.10 -1.26 0.00	20.17 -1.20 0.00	20.25 -1.16 0.00	20.21 -1.13 0.00	20.25 -1.11 0.00	20.66 -1.09 0.00	21.82 -1.05 0.00	22.79 -0.98 0.00	21.59 -0.85 0.00	25.04 -0.88 0.00	24.33 -0.81 0.00	26.01 -0.80 0.00	28.90 -0.83 0.00	21.98 -0.63 0.00	22.00 -0.63 0.00	20.80 -0.60 0.00	20.72 -0.55 0.00
MARBLE_RIVER_WT_PWR 323696	19.25 -1.01 0.00	17.29 -0.95 0.00	16.55 -0.82 0.00	15.78 -0.76 0.00	15.93 -0.73 0.00	18.26 -0.80 0.00	20.43 -1.05 0.00	20.30 -1.07 0.00	20.30 -1.07 0.00	20.55 -0.86 0.00	20.53 -0.81 0.00	20.49 -0.88 0.00	20.84 -0.91 0.00	22.05 -0.82 0.00	22.95 -0.81 0.00	21.79 -0.65 0.00	25.22 -0.70 0.00	24.56 -0.58 0.00	26.09 -0.72 0.00	28.99 -0.74 0.00	21.94 -0.68 0.00	22.05 -0.59 0.00	20.82 -0.58 0.00	20.77 -0.51 0.00
MARSHVLE_115KV_TB1 80742	21.97 1.70 0.00	19.77 1.53 0.00	18.76 1.39 0.00	17.85 1.31 0.00	18.16 1.50 0.00	20.91 1.85 0.00	25.80 2.19 -2.12	30.29 2.26 -6.67	30.52 2.18 -6.98	27.81 2.16 -4.24	27.00 2.22 -3.44	26.84 2.20 -3.28	26.69 2.26 -2.68	27.80 2.33 -2.59	28.22 2.52 -1.94	28.22 2.38 -3.40	30.51 2.90 -1.69	33.95 2.82 -5.99	32.90 3.08 -3.01	34.60 3.33 -1.53	31.03 2.53 -5.88	26.20 2.56 -1.00	24.24 2.23 -0.62	22.94 1.66 0.00
MARSH_HILL_WT_PWR 323713	20.67 0.41 0.00	18.60 0.36 0.00	17.74 0.37 0.00	16.96 0.41 0.00	17.05 0.38 0.00	19.52 0.46 0.00	21.85 0.17 -0.19	24.53 0.24 -2.93	24.89 0.34 -3.19	21.69 0.00 -0.28	21.51 0.17 0.00	21.81 0.45 0.00	22.43 0.67 0.00	23.42 0.55 0.00	24.36 0.59 0.00	23.15 0.67 -0.04	26.56 0.65 0.00	26.20 0.80 -0.26	27.25 0.40 -0.04	30.08 0.21 -0.14	23.58 0.27 -0.69	23.36 0.68 -0.04	22.19 0.79 0.00	22.17 0.89 0.00
MCINTYRE_115KV_TB2 80467	20.02 -0.24 0.00	18.05 -0.18 0.00	17.21 -0.16 0.00	16.41 -0.13 0.00	16.53 -0.13 0.00	18.91 -0.15 0.00	21.23 -0.26 0.00	21.11 -0.26 0.00	21.11 -0.26 0.00	21.13 -0.28 0.00	21.11 -0.23 0.00	21.11 -0.26 0.00	21.45 -0.30 0.00	22.64 -0.23 0.00	23.52 -0.24 0.00	22.24 -0.20 0.00	25.68 -0.23 0.00	24.91 -0.23 0.00	26.62 -0.19 0.00	29.56 -0.18 0.00	22.48 -0.14 0.00	22.55 -0.09 0.00	21.27 -0.13 0.00	21.23 -0.04 0.00
MECO____69_KV_BK1 80468	22.17 1.90 0.00	19.91 1.68 0.00	18.90 1.53 0.00	17.98 1.44 0.00	18.33 1.67 0.00	21.12 2.06 0.00	26.05 2.45 -2.12	30.55 2.52 -6.67	30.84 2.50 -6.98	28.17 2.53 -4.24	27.34 2.56 -3.44	27.19 2.54 -3.28	27.04 2.61 -2.68	28.19 2.72 -2.59	28.67 2.97 -1.94	28.67 2.83 -3.40	31.03 3.42 -1.69	34.40 3.27 -5.99	33.36 3.54 -3.01	35.05 3.78 -1.53	31.39 2.89 -5.88	26.58 2.94 -1.00	24.56 2.55 -0.62	23.21 1.94 0.00
MENANDS_115KV_TB5 355628	20.79 0.53 0.00	18.71 0.47 0.00	17.86 0.49 0.00	16.97 0.43 0.00	17.16 0.50 0.00	19.65 0.59 0.00	24.27 0.64 -2.14	28.62 0.64 -6.62	28.88 0.64 -6.88	26.37 0.66 -4.29	25.68 0.70 -3.63	25.52 0.73 -3.43	25.30 0.74 -2.81	26.34 0.75 -2.72	26.57 0.81 -2.00	26.75 0.76 -3.54	28.54 0.88 -1.74	32.15 0.80 -6.20	30.76 0.86 -3.09	32.12 0.95 -1.43	29.17 0.72 -5.83	24.39 0.72 -1.03	22.67 0.62 -0.65	21.55 0.28 0.00
MG INDUSTRY__DRP 24185	20.91 0.65 0.00	18.80 0.57 0.00	17.93 0.56 0.00	17.06 0.51 0.00	17.25 0.58 0.00	19.74 0.69 0.00	24.36 0.73 -2.14	28.64 0.73 -6.55	29.01 0.73 -6.92	26.59 0.75 -4.43	25.91 0.79 -3.78	25.85 0.81 -3.68	25.57 0.83 -2.99	26.63 0.85 -2.91	26.90 0.90 -2.23	27.07 0.85 -3.78	28.87 0.98 -1.97	32.38 0.91 -6.34	31.22 0.99 -3.42	32.59 1.07 -1.78	29.20 0.81 -5.77	24.56 0.84 -1.08	22.80 0.73 -0.67	21.72 0.45 0.00
MID__OSWEGATCHIE_HYD 23849	20.08 -0.18 0.00	18.11 -0.13 0.00	17.27 -0.10 0.00	16.48 -0.07 0.00	16.61 -0.05 0.00	19.02 -0.04 0.00	21.45 -0.06 -0.02	21.38 -0.09 -0.10	21.36 -0.11 -0.11	21.34 -0.11 -0.04	21.21 -0.13 0.00	21.24 -0.13 0.00	21.60 -0.15 0.00	22.78 -0.09 0.00	23.76 0.00 0.00	22.40 -0.04 -0.01	25.97 0.05 0.00	25.20 0.03 -0.03	26.92 0.11 -0.01	29.88 0.12 -0.02	22.81 0.09 -0.11	22.78 0.14 -0.01	21.57 0.17 0.00	21.47 0.19 0.00
MID__RAQUETTE_HYD 23851	19.82 -0.45 0.00	17.85 -0.38 0.00	17.04 -0.33 0.00	16.23 -0.31 0.00	16.36 -0.30 0.00	18.73 -0.32 0.00	21.01 -0.47 0.00	20.91 -0.45 0.00	20.89 -0.47 0.00	20.96 -0.45 0.00	20.94 -0.41 0.00	20.94 -0.43 0.00	21.29 -0.46 0.00	22.46 -0.41 0.00	23.36 -0.40 0.00	22.08 -0.36 0.00	25.45 -0.47 0.00	24.64 -0.50 0.00	26.27 -0.54 0.00	29.14 -0.59 0.00	22.19 -0.43 0.00	22.30 -0.34 0.00	21.12 -0.28 0.00	21.08 -0.19 0.00
MILLIKEN__1 23584	20.81 0.55 0.00	18.71 0.47 0.00	17.82 0.45 0.00	17.02 0.48 0.00	17.15 0.48 0.00	19.59 0.53 0.00	22.34 0.67 -0.19	23.02 0.73 -0.93	23.08 0.73 -0.99	22.37 0.69 -0.28	22.03 0.68 0.00	22.05 0.68 0.00	22.45 0.70 0.00	23.56 0.69 0.00	24.50 0.74 0.00	23.13 0.65 -0.04	26.77 0.86 0.00	26.49 1.11 -0.24	27.71 0.86 -0.04	30.77 0.89 -0.14	24.01 0.68 -0.71	23.36 0.68 -0.04	22.04 0.64 0.00	21.91 0.64 0.00
MILLIKEN__2 23585	20.81 0.55 0.00	18.71 0.47 0.00	17.82 0.45 0.00	17.02 0.48 0.00	17.15 0.48 0.00	19.59 0.53 0.00	22.34 0.67 -0.19	23.02 0.73 -0.93	23.08 0.73 -0.99	22.37 0.69 -0.28	22.03 0.68 0.00	22.05 0.68 0.00	22.45 0.70 0.00	23.56 0.69 0.00	24.50 0.74 0.00	23.13 0.65 -0.04	26.77 0.86 0.00	26.49 1.11 -0.24	27.71 0.86 -0.04	30.77 0.89 -0.14	24.01 0.68 -0.71	23.36 0.68 -0.04	22.04 0.64 0.00	21.91 0.64 0.00
MILLIKEN__DIESEL 23629	20.81 0.55 0.00	18.71 0.47 0.00	17.82 0.45 0.00	17.02 0.48 0.00	17.15 0.48 0.00	19.59 0.53 0.00	22.34 0.67 -0.19	23.02 0.73 -0.93	23.08 0.73 -0.99	22.37 0.69 -0.28	22.03 0.68 0.00	22.05 0.68 0.00	22.45 0.70 0.00	23.56 0.69 0.00	24.50 0.74 0.00	23.13 0.65 -0.04	26.77 0.86 0.00	26.49 1.11 -0.24	27.71 0.86 -0.04	30.77 0.89 -0.14	24.01 0.68 -0.71	23.36 0.68 -0.04	22.04 0.64 0.00	21.91 0.64 0.00

MILLSEAT___LFGE 323607	20.47 0.20 0.00	18.40 0.16 0.00	17.53 0.16 0.00	16.71 0.17 0.00	16.75 0.08 0.00	19.12 0.06 0.00	21.49 -0.13 -0.13	21.04 -0.34 -0.02	20.96 -0.41 -0.01	21.14 -0.47 -0.20	21.13 -0.21 0.00	21.19 -0.17 0.00	21.77 0.02 0.00	22.71 -0.16 0.00	23.55 -0.21 0.00	22.45 -0.02 -0.03	25.53 -0.39 0.00	25.12 -0.20 -0.18	26.27 -0.56 -0.03	29.03 -0.80 -0.10	22.72 -0.38 -0.49	22.46 -0.20 -0.03	21.42 0.02 0.00	21.49 0.21 0.00
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	21.56 1.30 0.00	19.42 1.19 0.00	18.45 1.08 0.00	17.54 0.99 0.00	17.61 0.95 0.00	20.14 1.09 0.00	26.32 1.53 -3.31	30.57 1.47 -7.73	31.80 1.50 -8.94	31.63 1.46 -8.77	32.71 1.54 -9.83	33.20 1.52 -10.32	31.59 1.57 -8.27	32.66 1.62 -8.17	32.28 1.69 -6.83	34.22 1.64 -10.14	34.03 1.89 -6.23	40.45 1.81 -13.50	38.64 1.90 -9.93	37.23 2.11 -5.39	30.97 1.61 -6.75	26.84 1.68 -2.53	24.72 1.60 -1.72	22.40 1.13 0.00
MILLWOOD_13_KV_LOAD 356217	21.60 1.34 0.00	19.46 1.22 0.00	18.48 1.11 0.00	17.57 1.03 0.00	17.65 0.98 0.00	20.18 1.12 0.00	26.41 1.61 -3.31	30.61 1.52 -7.73	31.84 1.54 -8.94	31.70 1.52 -8.77	32.78 1.60 -9.83	33.27 1.58 -10.32	31.67 1.65 -8.27	32.73 1.69 -8.17	32.35 1.76 -6.83	34.31 1.73 -10.14	34.11 1.97 -6.23	40.52 1.89 -13.50	38.72 1.98 -9.93	37.32 2.20 -5.39	31.02 1.65 -6.75	26.91 1.74 -2.53	24.74 1.63 -1.72	22.45 1.17 0.00
MODEL_CITY_ENERGY 24167	19.98 -0.28 0.00	17.96 -0.27 0.00	17.11 -0.26 0.00	16.30 -0.25 0.00	16.33 -0.33 0.00	18.66 -0.40 0.00	20.88 -0.75 -0.14	20.24 -1.05 0.08	20.19 -1.07 0.11	20.44 -1.18 -0.21	20.47 -0.88 0.00	20.55 -0.81 0.00	21.14 -0.61 0.00	21.98 -0.89 0.00	22.79 -0.98 0.00	21.75 -0.72 -0.03	24.70 -1.22 0.00	24.30 -1.03 -0.19	25.39 -1.45 -0.03	28.00 -1.84 -0.10	21.99 -1.15 -0.52	21.78 -0.88 -0.03	20.86 -0.53 0.00	20.96 -0.32 0.00
MODERN_LFGE___ 323580	19.98 -0.28 0.00	17.96 -0.27 0.00	17.11 -0.26 0.00	16.30 -0.25 0.00	16.33 -0.33 0.00	18.66 -0.40 0.00	20.88 -0.75 -0.14	20.24 -1.05 0.08	20.19 -1.07 0.11	20.44 -1.18 -0.21	20.47 -0.88 0.00	20.55 -0.81 0.00	21.14 -0.61 0.00	21.98 -0.89 0.00	22.79 -0.98 0.00	21.75 -0.72 -0.03	24.70 -1.22 0.00	24.30 -1.03 -0.19	25.39 -1.45 -0.03	28.00 -1.84 -0.10	21.99 -1.15 -0.52	21.78 -0.88 -0.03	20.86 -0.53 0.00	20.96 -0.32 0.00
MOHAWK_PAPER___DRP 24187	20.91 0.65 0.00	18.80 0.57 0.00	17.93 0.56 0.00	17.06 0.51 0.00	17.25 0.58 0.00	19.74 0.69 0.00	24.39 0.77 -2.14	28.77 0.79 -6.62	29.04 0.79 -6.88	26.49 0.79 -4.29	25.82 0.85 -3.63	25.64 0.85 -3.42	25.42 0.87 -2.80	26.49 0.91 -2.71	26.71 0.95 -1.99	26.87 0.90 -3.53	28.69 1.04 -1.73	32.31 0.98 -6.19	30.94 1.05 -3.08	32.29 1.13 -1.43	29.31 0.86 -5.84	24.55 0.88 -1.03	22.82 0.77 -0.65	21.68 0.40 0.00
MOHICAN___35_KV_115KV_LD 80490	21.74 1.48 0.00	19.51 1.28 0.00	18.55 1.18 0.00	17.64 1.09 0.00	17.91 1.25 0.00	20.56 1.51 0.00	25.38 1.76 -2.13	29.85 1.82 -6.67	30.11 1.82 -6.93	27.56 1.91 -4.25	26.80 1.94 -3.52	26.65 1.97 -3.32	26.29 1.83 -2.72	27.37 1.88 -2.63	27.66 1.97 -1.93	27.72 1.84 -3.44	29.64 2.05 -1.67	33.17 1.94 -6.09	32.06 2.25 -3.00	33.59 2.44 -1.41	30.46 1.97 -5.88	25.64 1.99 -1.01	23.78 1.75 -0.63	22.62 1.34 0.00
MONGAUP___HYD 23641	21.40 1.13 0.00	19.25 1.02 0.00	18.33 0.95 0.00	17.40 0.86 0.00	17.45 0.78 0.00	19.94 0.88 0.00	18.58 1.27 4.17	17.24 1.15 5.28	16.34 1.15 6.17	9.20 1.11 13.32	2.57 1.13 19.90	2.45 1.15 20.06	6.75 1.20 16.20	8.23 1.23 15.87	12.36 1.28 12.69	4.57 1.28 19.15	16.00 1.48 11.40	2.52 1.51 24.13	10.38 1.53 17.96	25.00 1.69 6.43	19.41 1.24 4.44	19.59 1.36 4.41	19.18 1.31 3.53	22.34 1.06 0.00
MONTAUK___DIESEL 23721	34.32 3.12 -10.94	25.67 2.84 -4.59	24.31 2.69 -4.25	23.12 2.51 -4.06	27.97 2.40 -8.90	32.65 2.82 -10.77	34.02 3.59 -8.94	37.66 3.57 -12.73	38.43 3.67 -13.39	39.29 3.62 -14.26	41.86 3.76 -16.76	42.45 3.80 -17.28	42.73 3.94 -17.05	46.42 3.91 -19.64	46.46 4.04 -18.65	43.07 3.99 -16.64	42.41 4.56 -11.93	49.54 4.40 -20.00	85.07 4.69 -53.57	82.71 5.14 -47.83	41.20 3.91 -14.67	31.00 4.21 -4.15	28.33 4.07 -2.87	26.11 3.53 -1.30
MOONROAD_115KV_HARTFLD_TB1-2 355988	20.45 0.18 0.00	18.47 0.24 0.00	17.63 0.26 0.00	16.81 0.26 0.00	16.75 0.08 0.00	18.93 -0.13 0.00	20.92 -0.73 -0.16	20.74 -0.66 -0.03	20.87 -0.51 -0.01	20.95 -0.71 -0.24	21.41 0.06 0.00	21.53 0.17 0.00	22.32 0.57 0.00	23.21 0.34 0.00	24.14 0.38 0.00	23.35 0.88 -0.03	26.80 0.88 0.00	25.68 0.33 -0.22	27.17 0.32 -0.03	29.92 0.06 -0.12	23.35 0.11 -0.62	23.19 0.52 -0.03	22.15 0.75 0.00	22.00 0.72 0.00
MORTIMER_115KV_TB3 55949	20.34 0.08 0.00	18.29 0.05 0.00	17.44 0.07 0.00	16.64 0.10 0.00	16.73 0.07 0.00	19.06 0.00 0.00	21.81 0.21 -0.11	21.89 0.09 -0.45	21.77 -0.06 -0.47	21.79 0.21 -0.16	21.36 0.02 0.00	21.41 0.04 0.00	21.88 0.13 0.00	22.94 0.07 0.00	23.81 0.05 0.00	22.71 0.25 -0.02	26.02 0.10 0.00	25.66 0.38 -0.14	26.94 0.11 -0.02	30.06 0.24 -0.08	23.21 0.18 -0.41	22.73 0.07 -0.02	21.50 0.11 0.00	21.36 0.09 0.00
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	21.70 1.44 0.00	19.55 1.31 0.00	18.57 1.20 0.00	17.65 1.11 0.00	17.70 1.03 0.00	20.24 1.18 0.00	26.42 1.70 -3.24	30.67 1.67 -7.64	31.87 1.67 -8.84	31.56 1.63 -8.53	32.49 1.69 -9.46	33.01 1.69 -9.96	31.46 1.74 -7.97	32.55 1.81 -7.87	32.22 1.85 -6.60	34.02 1.80 -9.79	33.99 2.05 -6.02	40.15 1.96 -13.05	38.48 2.06 -9.61	37.31 2.29 -5.28	31.03 1.74 -6.67	26.92 1.83 -2.44	24.85 1.80 -1.66	22.55 1.28 0.00
MUNSVILLE_WIND_PWR 323609	21.56 1.30 0.00	19.42 1.18 0.00	18.47 1.10 0.00	17.70 1.16 0.00	17.78 1.12 0.00	20.41 1.35 0.00	23.44 1.65 -0.30	24.43 1.71 -1.35	24.53 1.73 -1.44	23.45 1.58 -0.45	22.79 1.45 0.00	22.92 1.56 0.00	23.32 1.57 0.00	24.52 1.65 0.00	25.52 1.76 0.00	24.07 1.57 -0.06	28.09 2.18 0.00	27.72 2.19 -0.40	29.12 2.25 -0.06	32.39 2.44 -0.21	25.53 1.83 -1.08	24.56 1.86 -0.06	23.11 1.71 0.00	23.02 1.75 0.00
N SALMON___HYD 24042	19.51 -0.75 0.00	17.54 -0.69 0.00	16.78 -0.59 0.00	15.98 -0.56 0.00	16.13 -0.53 0.00	18.49 -0.57 0.00	20.71 -0.77 0.00	20.57 -0.79 0.00	20.60 -0.77 0.00	20.79 -0.62 0.00	20.81 -0.53 0.00	20.77 -0.60 0.00	21.14 -0.61 0.00	22.37 -0.50 0.00	23.24 -0.52 0.00	22.04 -0.40 0.00	25.48 -0.44 0.00	24.81 -0.33 0.00	26.33 -0.48 0.00	29.29 -0.45 0.00	22.16 -0.45 0.00	22.30 -0.34 0.00	21.03 -0.36 0.00	20.96 -0.32 0.00
N.AKRON___115KV_KNAPP 355671	20.41 0.14 0.00	18.36 0.13 0.00	17.53 0.16 0.00	16.71 0.17 0.00	16.75 0.08 0.00	19.04 -0.02 0.00	21.45 -0.17 -0.14	21.01 -0.36 -0.01	20.90 -0.45 0.01	21.33 -0.28 -0.20	21.15 -0.19 0.00	21.19 -0.17 0.00	21.77 0.02 0.00	22.69 -0.18 0.00	23.52 -0.24 0.00	22.67 0.20 -0.03	25.84 -0.08 0.00	25.29 -0.03 -0.18	26.52 -0.32 -0.03	29.48 -0.36 -0.10	22.92 -0.20 -0.51	22.60 -0.07 -0.03	21.50 0.11 0.00	21.40 0.13 0.00

N.BELMOR_69_KV_BK1 55787	33.00 1.80 -10.94	24.46 1.64 -4.59	23.15 1.53 -4.25	22.01 1.41 -4.06	26.92 1.35 -8.90	31.39 1.56 -10.77	32.49 2.06 -8.94	36.11 2.03 -12.72	36.75 2.05 -13.34	37.61 1.99 -14.21	40.18 2.09 -16.75	40.71 2.07 -17.27	40.92 2.13 -17.04	44.70 2.20 -19.63	44.66 2.26 -18.64	34.98 2.22 -10.32	36.31 2.57 -7.83	42.05 2.46 -14.45	39.42 2.60 -10.01	38.29 2.88 -5.67	34.04 2.19 -9.23	29.08 2.31 -4.13	26.54 2.29 -2.86	24.38 1.81 -1.29
N.E_GEN_SANDY PD 24062	21.09 0.83 0.00	19.00 0.77 0.00	18.10 0.73 0.00	17.21 0.66 0.00	17.36 0.70 0.00	19.86 0.80 0.00	24.90 0.99 -2.43	29.24 0.98 -6.89	28.20 0.96 -5.87	26.70 0.96 -4.33	27.58 0.96 -5.28	26.23 1.00 -3.86	26.12 1.02 -3.35	27.00 1.08 -3.06	26.21 1.09 -1.36	27.38 1.08 -3.86	28.00 1.22 -0.87	34.57 1.21 -8.22	30.18 1.26 -2.11	29.10 1.37 2.01	29.70 1.04 -6.04	24.80 1.06 -1.10	23.38 0.98 -0.99	22.00 0.72 0.00
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	21.52 1.26 0.00	19.38 1.15 0.00	18.43 1.06 0.00	17.50 0.96 0.00	17.56 0.90 0.00	20.09 1.03 0.00	26.70 1.48 -3.73	31.07 1.41 -8.29	32.37 1.43 -9.58	32.86 1.39 -10.06	34.55 1.45 -11.76	35.06 1.45 -12.25	33.08 1.50 -9.83	34.11 1.56 -9.69	33.42 1.62 -8.04	35.99 1.57 -11.98	35.04 1.81 -7.31	42.74 1.76 -15.84	40.30 1.85 -11.64	37.76 2.05 -5.97	31.38 1.54 -7.23	27.20 1.61 -2.95	25.00 1.54 -2.06	22.36 1.09 0.00
N.QUEENS_27_KV_LOAD 356247	21.70 1.44 0.00	19.57 1.33 0.00	18.60 1.23 0.00	17.69 1.14 0.00	17.73 1.07 0.00	20.22 1.16 0.00	26.45 1.74 -3.22	30.70 1.71 -7.63	31.94 1.75 -8.82	31.61 1.69 -8.51	32.56 1.77 -9.45	33.08 1.77 -9.95	31.52 1.81 -7.96	32.61 1.88 -7.87	32.28 1.92 -6.60	34.03 1.82 -9.77	33.97 2.05 -6.01	40.13 1.94 -13.05	38.48 2.06 -9.61	37.29 2.29 -5.27	31.05 1.76 -6.67	26.94 1.86 -2.44	24.87 1.82 -1.66	22.55 1.28 0.00
N.TROY___115KV_TB1 355778	21.07 0.81 0.00	18.96 0.73 0.00	18.07 0.69 0.00	17.17 0.63 0.00	17.36 0.70 0.00	19.90 0.84 0.00	24.60 0.97 -2.15	29.01 0.98 -6.66	29.21 0.98 -6.86	26.66 0.98 -4.27	26.01 1.02 -3.64	25.77 1.03 -3.38	25.57 1.04 -2.78	26.62 1.07 -2.68	26.81 1.12 -1.93	27.01 1.08 -3.49	28.82 1.24 -1.66	32.55 1.18 -6.23	31.06 1.26 -2.99	32.36 1.37 -1.26	29.55 1.06 -5.87	24.72 1.06 -1.02	22.99 0.94 -0.66	21.87 0.60 0.00
NARROWS_GT1_1 24228	21.89 1.62 -0.01	19.72 1.48 -0.01	18.73 1.36 -0.01	17.79 1.24 -0.01	17.84 1.17 -0.01	20.30 1.24 0.00	26.58 1.85 -3.25	30.81 1.79 -7.65	32.05 1.84 -8.84	31.72 1.78 -8.54	32.63 1.81 -9.47	34.96 1.90 -11.69	33.04 1.94 -9.35	34.97 2.03 -10.06	34.00 2.09 -8.15	34.23 2.00 -9.79	34.23 2.28 -6.03	40.43 2.24 -13.05	38.77 2.36 -9.61	37.58 2.56 -5.29	31.18 1.90 -6.67	27.08 1.99 -2.44	25.01 1.95 -1.66	22.86 1.57 -0.01
NARROWS_GT1_2 24229	21.89 1.62 -0.01	19.72 1.48 -0.01	18.73 1.36 -0.01	17.79 1.24 -0.01	17.84 1.17 -0.01	20.30 1.24 0.00	26.58 1.85 -3.25	30.81 1.79 -7.65	32.05 1.84 -8.84	31.72 1.78 -8.54	32.63 1.81 -9.47	34.96 1.90 -11.69	33.04 1.94 -9.35	34.97 2.03 -10.06	34.00 2.09 -8.15	34.23 2.00 -9.79	34.23 2.28 -6.03	40.43 2.24 -13.05	38.77 2.36 -9.61	37.58 2.56 -5.29	31.18 1.90 -6.67	27.08 1.99 -2.44	25.01 1.95 -1.66	22.86 1.57 -0.01
NARROWS_GT1_3 24230	21.89 1.62 -0.01	19.72 1.48 -0.01	18.73 1.36 -0.01	17.79 1.24 -0.01	17.84 1.17 -0.01	20.30 1.24 0.00	26.58 1.85 -3.25	30.81 1.79 -7.65	32.05 1.84 -8.84	31.72 1.78 -8.54	32.63 1.81 -9.47	34.96 1.90 -11.69	33.04 1.94 -9.35	34.97 2.03 -10.06	34.00 2.09 -8.15	34.23 2.00 -9.79	34.23 2.28 -6.03	40.43 2.24 -13.05	38.77 2.36 -9.61	37.58 2.56 -5.29	31.18 1.90 -6.67	27.08 1.99 -2.44	25.01 1.95 -1.66	22.86 1.57 -0.01
NARROWS_GT1_4 24231	21.89 1.62 -0.01	19.72 1.48 -0.01	18.73 1.36 -0.01	17.79 1.24 -0.01	17.84 1.17 -0.01	20.30 1.24 0.00	26.58 1.85 -3.25	30.81 1.79 -7.65	32.05 1.84 -8.84	31.72 1.78 -8.54	32.63 1.81 -9.47	34.96 1.90 -11.69	33.04 1.94 -9.35	34.97 2.03 -10.06	34.00 2.09 -8.15	34.23 2.00 -9.79	34.23 2.28 -6.03	40.43 2.24 -13.05	38.77 2.36 -9.61	37.58 2.56 -5.29	31.18 1.90 -6.67	27.08 1.99 -2.44	25.01 1.95 -1.66	22.86 1.57 -0.01
NARROWS_GT1_5 24232	21.89 1.62 -0.01	19.72 1.48 -0.01	18.73 1.36 -0.01	17.79 1.24 -0.01	17.84 1.17 -0.01	20.30 1.24 0.00	26.58 1.85 -3.25	30.81 1.79 -7.65	32.05 1.84 -8.84	31.72 1.78 -8.54	32.63 1.81 -9.47	34.96 1.90 -11.69	33.04 1.94 -9.35	34.97 2.03 -10.06	34.00 2.09 -8.15	34.23 2.00 -9.79	34.23 2.28 -6.03	40.43 2.24 -13.05	38.77 2.36 -9.61	37.58 2.56 -5.29	31.18 1.90 -6.67	27.08 1.99 -2.44	25.01 1.95 -1.66	22.86 1.57 -0.01
NARROWS_GT1_6 24233	21.89 1.62 -0.01	19.72 1.48 -0.01	18.73 1.36 -0.01	17.79 1.24 -0.01	17.84 1.17 -0.01	20.30 1.24 0.00	26.58 1.85 -3.25	30.81 1.79 -7.65	32.05 1.84 -8.84	31.72 1.78 -8.54	32.63 1.81 -9.47	34.96 1.90 -11.69	33.04 1.94 -9.35	34.97 2.03 -10.06	34.00 2.09 -8.15	34.23 2.00 -9.79	34.23 2.28 -6.03	40.43 2.24 -13.05	38.77 2.36 -9.61	37.58 2.56 -5.29	31.18 1.90 -6.67	27.08 1.99 -2.44	25.01 1.95 -1.66	22.86 1.57 -0.01
NARROWS_GT1_7 24234	21.89 1.62 -0.01	19.72 1.48 -0.01	18.73 1.36 -0.01	17.79 1.24 -0.01	17.84 1.17 -0.01	20.30 1.24 0.00	26.58 1.85 -3.25	30.81 1.79 -7.65	32.05 1.84 -8.84	31.72 1.78 -8.54	32.63 1.81 -9.47	34.96 1.90 -11.69	33.04 1.94 -9.35	34.97 2.03 -10.06	34.00 2.09 -8.15	34.23 2.00 -9.79	34.23 2.28 -6.03	40.43 2.24 -13.05	38.77 2.36 -9.61	37.58 2.56 -5.29	31.18 1.90 -6.67	27.08 1.99 -2.44	25.01 1.95 -1.66	22.86 1.57 -0.01
NARROWS_GT1_8 24235	21.89 1.62 -0.01	19.72 1.48 -0.01	18.73 1.36 -0.01	17.79 1.24 -0.01	17.84 1.17 -0.01	20.30 1.24 0.00	26.58 1.85 -3.25	30.81 1.79 -7.65	32.05 1.84 -8.84	31.72 1.78 -8.54	32.63 1.81 -9.47	34.96 1.90 -11.69	33.04 1.94 -9.35	34.97 2.03 -10.06	34.00 2.09 -8.15	34.23 2.00 -9.79	34.23 2.28 -6.03	40.43 2.24 -13.05	38.77 2.36 -9.61	37.58 2.56 -5.29	31.18 1.90 -6.67	27.08 1.99 -2.44	25.01 1.95 -1.66	22.86 1.57 -0.01
NARROWS_GT2_1 24236	21.89 1.62 -0.01	19.72 1.48 -0.01	18.73 1.36 -0.01	17.79 1.24 -0.01	17.84 1.17 -0.01	20.30 1.24 0.00	26.58 1.85 -3.25	30.81 1.79 -7.65	32.05 1.84 -8.84	31.72 1.78 -8.54	32.63 1.81 -9.47	34.96 1.90 -11.69	33.04 1.94 -9.35	34.97 2.03 -10.06	34.00 2.09 -8.15	34.23 2.00 -9.79	34.23 2.28 -6.03	40.43 2.24 -13.05	38.77 2.36 -9.61	37.58 2.56 -5.29	31.18 1.90 -6.67	27.08 1.99 -2.44	25.01 1.95 -1.66	22.86 1.57 -0.01
NARROWS_GT2_2 24237	21.89 1.62 -0.01	19.72 1.48 -0.01	18.73 1.36 -0.01	17.79 1.24 -0.01	17.84 1.17 -0.01	20.30 1.24 0.00	26.58 1.85 -3.25	30.81 1.79 -7.65	32.05 1.84 -8.84	31.72 1.78 -8.54	32.63 1.81 -9.47	34.96 1.90 -11.69	33.04 1.94 -9.35	34.97 2.03 -10.06	34.00 2.09 -8.15	34.23 2.00 -9.79	34.23 2.28 -6.03	40.43 2.24 -13.05	38.77 2.36 -9.61	37.58 2.56 -5.29	31.18 1.90 -6.67	27.08 1.99 -2.44	25.01 1.95 -1.66	22.86 1.57 -0.01

NARROWS_GT2_3 24238	21.89 1.62 -0.01	19.72 1.48 -0.01	18.73 1.36 -0.01	17.79 1.24 -0.01	17.84 1.17 -0.01	20.30 1.24 0.00	26.58 1.85 -3.25	30.81 1.79 -7.65	32.05 1.84 -8.84	31.72 1.78 -8.54	32.63 1.81 -9.47	34.96 1.90 -11.69	33.04 1.94 -9.35	34.97 2.03 -10.06	34.00 2.09 -8.15	34.23 2.00 -9.79	34.23 2.28 -6.03	40.43 2.24 -13.05	38.77 2.36 -9.61	37.58 2.56 -5.29	31.18 1.90 -6.67	27.08 1.99 -2.44	25.01 1.95 -1.66	22.86 1.57 -0.01
NARROWS_GT2_4 24239	21.89 1.62 -0.01	19.72 1.48 -0.01	18.73 1.36 -0.01	17.79 1.24 -0.01	17.84 1.17 -0.01	20.30 1.24 0.00	26.58 1.85 -3.25	30.81 1.79 -7.65	32.05 1.84 -8.84	31.72 1.78 -8.54	32.63 1.81 -9.47	34.96 1.90 -11.69	33.04 1.94 -9.35	34.97 2.03 -10.06	34.00 2.09 -8.15	34.23 2.00 -9.79	34.23 2.28 -6.03	40.43 2.24 -13.05	38.77 2.36 -9.61	37.58 2.56 -5.29	31.18 1.90 -6.67	27.08 1.99 -2.44	25.01 1.95 -1.66	22.86 1.57 -0.01
NARROWS_GT2_5 24240	21.89 1.62 -0.01	19.72 1.48 -0.01	18.73 1.36 -0.01	17.79 1.24 -0.01	17.84 1.17 -0.01	20.30 1.24 0.00	26.58 1.85 -3.25	30.81 1.79 -7.65	32.05 1.84 -8.84	31.72 1.78 -8.54	32.63 1.81 -9.47	34.96 1.90 -11.69	33.04 1.94 -9.35	34.97 2.03 -10.06	34.00 2.09 -8.15	34.23 2.00 -9.79	34.23 2.28 -6.03	40.43 2.24 -13.05	38.77 2.36 -9.61	37.58 2.56 -5.29	31.18 1.90 -6.67	27.08 1.99 -2.44	25.01 1.95 -1.66	22.86 1.57 -0.01
NARROWS_GT2_6 24241	21.89 1.62 -0.01	19.72 1.48 -0.01	18.73 1.36 -0.01	17.79 1.24 -0.01	17.84 1.17 -0.01	20.30 1.24 0.00	26.58 1.85 -3.25	30.81 1.79 -7.65	32.05 1.84 -8.84	31.72 1.78 -8.54	32.63 1.81 -9.47	34.96 1.90 -11.69	33.04 1.94 -9.35	34.97 2.03 -10.06	34.00 2.09 -8.15	34.23 2.00 -9.79	34.23 2.28 -6.03	40.43 2.24 -13.05	38.77 2.36 -9.61	37.58 2.56 -5.29	31.18 1.90 -6.67	27.08 1.99 -2.44	25.01 1.95 -1.66	22.86 1.57 -0.01
NARROWS_GT2_7 24242	21.89 1.62 -0.01	19.72 1.48 -0.01	18.73 1.36 -0.01	17.79 1.24 -0.01	17.84 1.17 -0.01	20.30 1.24 0.00	26.58 1.85 -3.25	30.81 1.79 -7.65	32.05 1.84 -8.84	31.72 1.78 -8.54	32.63 1.81 -9.47	34.96 1.90 -11.69	33.04 1.94 -9.35	34.97 2.03 -10.06	34.00 2.09 -8.15	34.23 2.00 -9.79	34.23 2.28 -6.03	40.43 2.24 -13.05	38.77 2.36 -9.61	37.58 2.56 -5.29	31.18 1.90 -6.67	27.08 1.99 -2.44	25.01 1.95 -1.66	22.86 1.57 -0.01
NARROWS_GT2_8 24243	21.89 1.62 -0.01	19.72 1.48 -0.01	18.73 1.36 -0.01	17.79 1.24 -0.01	17.84 1.17 -0.01	20.30 1.24 0.00	26.58 1.85 -3.25	30.81 1.79 -7.65	32.05 1.84 -8.84	31.72 1.78 -8.54	32.63 1.81 -9.47	34.96 1.90 -11.69	33.04 1.94 -9.35	34.97 2.03 -10.06	34.00 2.09 -8.15	34.23 2.00 -9.79	34.23 2.28 -6.03	40.43 2.24 -13.05	38.77 2.36 -9.61	37.58 2.56 -5.29	31.18 1.90 -6.67	27.08 1.99 -2.44	25.01 1.95 -1.66	22.86 1.57 -0.01
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	21.16 0.89 0.00	18.98 0.75 0.00	18.15 0.78 0.00	17.22 0.68 0.00	17.35 0.68 0.00	19.84 0.78 0.00	24.60 0.90 -2.21	28.66 0.77 -6.52	29.19 0.85 -6.97	27.03 0.86 -4.76	26.55 0.92 -4.29	26.56 0.94 -4.25	26.11 0.91 -3.44	27.22 0.98 -3.36	27.42 1.02 -2.64	27.75 0.99 -4.32	29.40 1.14 -2.35	33.20 1.16 -6.90	32.03 1.23 -3.99	33.30 1.46 -2.11	29.33 0.97 -5.74	24.90 1.06 -1.20	22.99 0.83 -0.76	21.81 0.53 0.00
NCHELSEA_115KV_TR2 355582	21.62 1.36 0.00	19.47 1.24 0.00	18.52 1.15 0.00	17.59 1.04 0.00	17.60 0.93 0.00	20.11 1.05 0.00	26.17 1.50 -3.18	30.27 1.35 -7.56	31.42 1.39 -8.67	31.05 1.35 -8.29	32.00 1.45 -9.20	32.42 1.43 -9.62	30.92 1.46 -7.72	31.99 1.51 -7.61	31.65 1.54 -6.34	33.45 1.55 -9.46	33.43 1.74 -5.77	39.61 1.73 -12.74	37.84 1.80 -9.24	36.80 2.08 -4.99	30.77 1.54 -6.62	26.62 1.61 -2.37	24.53 1.52 -1.61	22.38 1.11 0.00
NEG CAPITAL___MECHNVIL 23645	21.42 1.15 0.00	19.24 1.00 0.00	18.31 0.94 0.00	17.42 0.88 0.00	17.65 0.98 0.00	20.24 1.18 0.00	25.00 1.38 -2.14	29.42 1.39 -6.67	29.68 1.41 -6.90	27.07 1.41 -4.25	26.34 1.43 -3.56	26.20 1.49 -3.34	25.99 1.50 -2.74	27.04 1.53 -2.64	27.30 1.62 -1.93	27.40 1.50 -3.46	29.32 1.74 -1.67	32.84 1.56 -6.14	31.59 1.80 -2.99	33.02 1.93 -1.35	30.00 1.52 -5.87	25.17 1.52 -1.01	23.36 1.33 -0.64	22.36 1.08 0.00
NEG CENTRAL_HIGH_ACRES 23767	20.00 -0.26 0.00	17.96 -0.27 0.00	17.11 -0.26 0.00	16.36 -0.18 0.00	16.45 -0.22 0.00	18.77 -0.29 0.00	21.46 -0.13 -0.10	21.60 -0.19 -0.43	21.54 -0.28 -0.45	21.37 -0.19 -0.16	21.24 -0.11 0.00	21.15 -0.21 0.00	21.58 -0.17 0.00	22.64 -0.23 0.00	23.50 -0.26 0.00	22.24 -0.22 -0.02	25.55 -0.36 0.00	25.16 -0.13 -0.15	26.48 -0.35 -0.02	29.46 -0.36 -0.08	22.78 -0.23 -0.39	22.28 -0.38 -0.02	21.08 -0.32 0.00	21.02 -0.25 0.00
NEG CENTRAL___DRP 24199	20.45 0.18 0.00	18.38 0.15 0.00	17.51 0.14 0.00	16.73 0.18 0.00	16.85 0.18 0.00	19.25 0.19 0.00	21.88 0.28 -0.11	22.36 0.32 -0.67	22.41 0.32 -0.72	21.90 0.32 -0.17	21.66 0.32 0.00	21.68 0.32 0.00	22.10 0.35 0.00	23.19 0.32 0.00	24.07 0.31 0.00	22.76 0.29 -0.02	26.31 0.39 0.00	26.22 0.93 -0.15	27.26 0.43 -0.03	30.27 0.45 -0.09	23.39 0.32 -0.46	22.98 0.32 -0.03	21.72 0.32 0.00	21.60 0.32 0.00
NEG CENTRAL___INDECK 23768	21.03 0.77 0.00	18.91 0.68 0.00	18.01 0.64 0.00	17.24 0.69 0.00	17.33 0.67 0.00	19.76 0.71 0.00	22.42 0.77 -0.16	25.04 0.79 -2.89	25.21 0.70 -3.14	22.14 0.49 -0.24	21.94 0.60 0.00	21.98 0.62 0.00	22.49 0.74 0.00	23.55 0.69 0.00	24.47 0.71 0.00	23.26 0.79 -0.03	26.75 0.83 0.00	26.41 1.06 -0.21	27.78 0.94 -0.03	30.86 1.01 -0.11	24.05 0.86 -0.58	23.62 0.95 -0.03	22.36 0.96 0.00	22.32 1.04 0.00
NEG CENTRAL___SENECA 23627	20.55 0.28 0.00	18.47 0.24 0.00	17.60 0.23 0.00	16.82 0.28 0.00	16.95 0.28 0.00	19.34 0.29 0.00	22.00 0.39 -0.13	22.65 0.43 -0.86	22.69 0.41 -0.92	22.01 0.41 -0.19	21.79 0.45 0.00	21.81 0.45 0.00	22.25 0.50 0.00	23.35 0.48 0.00	24.24 0.48 0.00	22.96 0.49 -0.03	26.54 0.62 0.00	26.14 0.83 -0.17	27.40 0.56 -0.03	30.43 0.59 -0.10	23.55 0.43 -0.50	23.12 0.45 -0.03	21.85 0.45 0.00	21.68 0.40 0.00
NEG CENTRAL___STATE_STREET 24147	20.65 0.39 0.00	18.56 0.33 0.00	17.68 0.31 0.00	16.89 0.35 0.00	17.03 0.37 0.00	19.46 0.40 0.00	22.13 0.54 -0.11	22.48 0.58 -0.54	22.54 0.60 -0.57	22.17 0.60 -0.16	21.92 0.58 0.00	21.94 0.58 0.00	22.34 0.59 0.00	23.46 0.59 0.00	24.36 0.59 0.00	22.96 0.49 -0.02	26.54 0.62 0.00	26.72 1.43 -0.14	27.56 0.72 -0.03	30.60 0.77 -0.09	23.64 0.57 -0.46	23.23 0.57 -0.03	21.91 0.51 0.00	21.83 0.55 0.00
NEG MILLWOOD___DRP 24198	21.70 1.44 0.00	19.55 1.31 0.00	18.57 1.20 0.00	17.64 1.09 0.00	17.70 1.03 0.00	20.22 1.16 0.00	26.27 1.70 -3.09	30.36 1.54 -7.46	31.53 1.58 -8.58	30.98 1.54 -8.03	31.78 1.69 -8.75	32.23 1.67 -9.20	30.84 1.72 -7.37	31.91 1.76 -7.28	31.69 1.83 -6.10	33.28 1.77 -9.07	33.50 2.02 -5.56	39.32 1.99 -12.20	37.77 2.06 -8.90	36.97 2.29 -4.94	30.81 1.67 -6.52	26.75 1.83 -2.28	24.55 1.63 -1.53	22.47 1.19 0.00

NEG NORTH_FLCN_SEA 23793	19.39 -0.87 0.00	17.41 -0.82 0.00	16.69 -0.68 0.00	15.88 -0.66 0.00	16.03 -0.63 0.00	18.41 -0.65 0.00	20.60 -0.88 0.00	20.44 -0.92 0.00	20.47 -0.90 0.00	20.66 -0.75 0.00	20.68 -0.66 0.00	20.66 -0.70 0.00	21.03 -0.72 0.00	22.25 -0.62 0.00	23.14 -0.62 0.00	22.04 -0.40 0.00	25.48 -0.44 0.00	24.86 -0.28 0.00	26.35 -0.46 0.00	29.23 -0.51 0.00	22.25 -0.36 0.00	22.30 -0.34 0.00	21.03 -0.36 0.00	21.04 -0.23 0.00
NEG NORTH_KES_CHATEGAY 23792	19.29 -0.97 0.00	17.32 -0.91 0.00	16.59 -0.78 0.00	15.80 -0.74 0.00	15.93 -0.73 0.00	18.28 -0.78 0.00	20.45 -1.03 0.00	20.32 -1.05 0.00	20.32 -1.05 0.00	20.51 -0.90 0.00	20.51 -0.83 0.00	20.49 -0.88 0.00	20.86 -0.89 0.00	22.07 -0.80 0.00	22.98 -0.78 0.00	21.86 -0.58 0.00	25.27 -0.65 0.00	24.64 -0.50 0.00	26.17 -0.64 0.00	29.02 -0.71 0.00	22.09 -0.52 0.00	22.12 -0.52 0.00	20.86 -0.53 0.00	20.89 -0.38 0.00
NEG NORTH___ALICE_FALLS 23915	19.39 -0.87 0.00	17.41 -0.82 0.00	16.69 -0.68 0.00	15.88 -0.66 0.00	16.03 -0.63 0.00	18.41 -0.65 0.00	20.60 -0.88 0.00	20.47 -0.90 0.00	20.47 -0.90 0.00	20.66 -0.75 0.00	20.70 -0.64 0.00	20.66 -0.70 0.00	21.03 -0.72 0.00	22.27 -0.59 0.00	23.17 -0.59 0.00	22.06 -0.38 0.00	25.50 -0.41 0.00	24.91 -0.23 0.00	26.38 -0.43 0.00	29.29 -0.45 0.00	22.28 -0.34 0.00	22.32 -0.32 0.00	21.03 -0.36 0.00	21.06 -0.21 0.00
NEG NORTH___LWR_SARANAC 23913	19.39 -0.87 0.00	17.41 -0.82 0.00	16.69 -0.68 0.00	15.88 -0.66 0.00	16.03 -0.63 0.00	18.41 -0.65 0.00	20.60 -0.88 0.00	20.47 -0.90 0.00	20.47 -0.90 0.00	20.66 -0.75 0.00	20.70 -0.64 0.00	20.66 -0.70 0.00	21.03 -0.72 0.00	22.27 -0.59 0.00	23.17 -0.59 0.00	22.06 -0.38 0.00	25.50 -0.41 0.00	24.91 -0.23 0.00	26.38 -0.43 0.00	29.29 -0.45 0.00	22.28 -0.34 0.00	22.32 -0.32 0.00	21.03 -0.36 0.00	21.06 -0.21 0.00
NEG NORTH___PLATTSBURG 23628	19.39 -0.87 0.00	17.41 -0.82 0.00	16.69 -0.68 0.00	15.88 -0.66 0.00	16.03 -0.63 0.00	18.39 -0.67 0.00	20.60 -0.88 0.00	20.47 -0.90 0.00	20.47 -0.90 0.00	20.72 -0.69 0.00	20.74 -0.60 0.00	20.66 -0.70 0.00	21.03 -0.72 0.00	22.27 -0.59 0.00	23.17 -0.59 0.00	22.01 -0.43 0.00	25.48 -0.44 0.00	24.84 -0.30 0.00	26.33 -0.48 0.00	29.29 -0.45 0.00	22.16 -0.45 0.00	22.30 -0.34 0.00	21.01 -0.38 0.00	20.96 -0.32 0.00
NEG WEST_LEA_LOCKPORT 23791	20.12 -0.14 0.00	18.12 -0.11 0.00	17.28 -0.09 0.00	16.46 -0.08 0.00	16.48 -0.18 0.00	18.75 -0.30 0.00	21.07 -0.56 -0.14	20.47 -0.56 0.09	20.39 -0.85 0.11	20.89 -0.73 -0.21	20.77 -0.58 0.00	20.81 -0.56 0.00	21.42 -0.33 0.00	22.25 -0.62 0.00	23.07 -0.69 0.00	22.29 -0.18 -0.03	25.40 -0.52 0.00	24.77 -0.55 -0.19	25.98 -0.86 -0.03	28.86 -0.98 -0.11	22.49 -0.66 -0.53	22.22 -0.45 -0.03	21.18 -0.21 0.00	21.13 -0.15 0.00
NEG WEST___LANCASTR 23811	20.69 0.43 0.00	18.62 0.38 0.00	17.75 0.38 0.00	16.91 0.36 0.00	16.95 0.28 0.00	19.29 0.23 0.00	20.55 -1.10 -0.16	20.58 -0.75 0.04	21.11 -0.19 0.06	20.52 -1.13 -0.24	21.47 0.13 0.00	21.49 0.13 0.00	22.16 0.41 0.00	23.05 0.18 0.00	23.93 0.17 0.00	22.81 0.34 -0.03	26.41 0.49 0.00	24.45 -0.91 -0.21	26.20 -0.64 -0.03	28.49 -1.37 -0.12	22.26 -0.97 -0.61	22.60 -0.07 -0.03	21.87 0.47 0.00	21.85 0.57 0.00
NEG_PENN_ALLEGHNY 23528	20.81 0.55 0.00	18.71 0.47 0.00	17.81 0.43 0.00	16.99 0.45 0.00	17.10 0.43 0.00	19.55 0.49 0.00	22.30 0.51 -0.30	23.11 0.49 -1.25	23.25 0.55 -1.33	22.27 0.41 -0.45	21.79 0.45 0.00	21.94 0.58 0.00	22.45 0.70 0.00	23.53 0.66 0.00	24.45 0.69 0.00	23.09 0.58 -0.06	26.59 0.67 0.00	26.24 0.70 -0.39	27.38 0.51 -0.06	30.40 0.45 -0.21	24.05 0.36 -1.07	23.22 0.52 -0.06	21.95 0.56 0.00	21.83 0.55 0.00
NEG___GEN_MONROE 24207	20.47 0.20 0.00	18.40 0.16 0.00	17.53 0.16 0.00	16.73 0.18 0.00	16.80 0.13 0.00	19.13 0.08 0.00	21.81 0.21 -0.11	21.76 0.04 -0.35	21.63 -0.11 -0.37	21.72 0.15 -0.16	21.34 0.00 0.00	21.41 0.04 0.00	21.88 0.13 0.00	22.91 0.05 0.00	23.76 0.00 0.00	22.64 0.18 -0.02	25.92 0.00 0.00	25.54 0.25 -0.14	26.83 0.00 -0.02	29.97 0.15 -0.08	23.17 0.14 -0.42	22.73 0.07 -0.02	21.52 0.13 0.00	21.43 0.15 0.00
NEPA___ENERGY 23901	20.51 0.24 0.00	18.47 0.24 0.00	17.61 0.24 0.00	16.78 0.23 0.00	16.80 0.13 0.00	19.13 0.08 0.00	21.18 -0.47 -0.16	20.88 -0.43 0.05	20.98 -0.30 0.08	21.10 -0.56 -0.25	21.36 0.02 0.00	21.38 0.02 0.00	22.08 0.33 0.00	22.96 0.09 0.00	23.86 0.10 0.00	22.90 0.43 -0.03	26.36 0.44 0.00	25.23 -0.13 -0.22	26.68 -0.16 -0.03	29.38 -0.48 -0.12	22.95 -0.29 -0.63	22.79 0.11 -0.03	21.80 0.41 0.00	21.66 0.38 0.00
NEVERSINK___HYD 23608	21.32 1.05 0.00	19.18 0.95 0.00	18.24 0.87 0.00	17.34 0.79 0.00	17.31 0.65 0.00	19.78 0.72 0.00	23.86 1.16 -1.22	26.30 1.00 -3.94	26.76 1.00 -4.40	24.94 0.96 -2.56	24.09 0.98 -1.76	24.30 1.00 -1.93	24.31 1.02 -1.53	25.49 1.10 -1.53	26.21 1.12 -1.33	25.59 1.12 -2.02	28.44 1.30 -1.23	29.72 1.36 -3.22	30.24 1.37 -2.06	32.98 1.57 -1.66	27.26 1.18 -3.47	24.46 1.22 -0.60	22.88 1.18 -0.31	22.21 0.94 0.00
NEWKRMKL_115KV_TB1 55635	20.69 0.43 0.00	18.62 0.38 0.00	17.77 0.40 0.00	16.91 0.36 0.00	17.08 0.42 0.00	19.55 0.50 0.00	24.15 0.54 -2.13	28.53 0.56 -6.61	28.81 0.56 -6.89	26.28 0.58 -4.30	25.58 0.62 -3.61	25.44 0.64 -3.44	25.21 0.65 -2.81	26.25 0.66 -2.72	26.49 0.71 -2.02	26.64 0.65 -3.55	28.43 0.75 -1.76	32.02 0.70 -6.18	30.68 0.75 -3.12	32.04 0.80 -1.50	29.05 0.61 -5.83	24.30 0.63 -1.03	22.58 0.53 -0.65	21.47 0.19 0.00
NEWTON___FALLS_HYD 23847	20.08 -0.18 0.00	18.11 -0.13 0.00	17.27 -0.10 0.00	16.48 -0.07 0.00	16.61 -0.05 0.00	19.02 -0.04 0.00	21.45 -0.06 -0.02	21.38 -0.09 -0.10	21.36 -0.11 -0.11	21.34 -0.11 -0.04	21.21 -0.13 0.00	21.24 -0.13 0.00	21.60 -0.15 0.00	22.78 -0.09 0.00	23.76 0.00 0.00	22.40 -0.04 -0.01	25.97 0.05 0.00	25.20 0.03 -0.03	26.92 0.11 -0.01	29.88 0.12 -0.02	22.81 0.09 -0.11	22.78 0.14 -0.01	21.57 0.17 0.00	21.47 0.19 0.00
NGRID_A1_DSASP 323792	19.76 -0.51 0.00	17.76 -0.47 0.00	16.92 -0.45 0.00	16.10 -0.45 0.00	16.15 -0.52 0.00	18.47 -0.59 0.00	20.75 -0.88 -0.15	20.02 -1.24 0.10	19.95 -1.28 0.14	20.28 -1.35 -0.22	20.30 -1.05 0.00	20.34 -1.03 0.00	20.92 -0.83 0.00	21.75 -1.12 0.00	22.55 -1.21 0.00	21.51 -0.96 -0.03	24.39 -1.53 0.00	24.00 -1.33 -0.20	25.12 -1.72 -0.03	27.70 -2.14 -0.11	21.79 -1.36 -0.53	21.54 -1.13 -0.03	20.65 -0.75 0.00	20.77 -0.51 0.00
NGRID_A2_DSASP 323793	19.76 -0.51 0.00	17.76 -0.47 0.00	16.92 -0.45 0.00	16.10 -0.45 0.00	16.15 -0.52 0.00	18.47 -0.59 0.00	20.75 -0.88 -0.15	20.02 -1.24 0.10	19.95 -1.28 0.14	20.28 -1.35 -0.22	20.30 -1.05 0.00	20.34 -1.03 0.00	20.92 -0.83 0.00	21.75 -1.12 0.00	22.55 -1.21 0.00	21.51 -0.96 -0.03	24.39 -1.53 0.00	24.00 -1.33 -0.20	25.12 -1.72 -0.03	27.70 -2.14 -0.11	21.79 -1.36 -0.53	21.54 -1.13 -0.03	20.65 -0.75 0.00	20.77 -0.51 0.00

NGRID_A4_DSASP 323807	19.72 -0.55 0.00	17.74 -0.49 0.00	16.92 -0.45 0.00	16.10 -0.45 0.00	16.15 -0.52 0.00	18.37 -0.69 0.00	20.73 -0.90 -0.15	20.02 -1.24 0.10	19.90 -1.32 0.14	20.51 -1.11 -0.22	20.32 -1.02 0.00	20.34 -1.03 0.00	20.92 -0.83 0.00	21.75 -1.12 0.00	22.55 -1.21 0.00	21.80 -0.67 -0.03	24.78 -1.14 0.00	24.28 -1.06 -0.19	25.39 -1.45 -0.03	28.24 -1.61 -0.11	22.06 -1.11 -0.55	21.72 -0.95 -0.03	20.71 -0.68 0.00	20.70 -0.57 0.00
NIAGARA_115E_LBMP 323715	19.88 -0.39 0.00	17.87 -0.36 0.00	17.02 -0.35 0.00	16.20 -0.35 0.00	16.23 -0.43 0.00	18.56 -0.50 0.00	20.77 -0.86 -0.14	20.10 -1.17 0.09	20.02 -1.22 0.12	20.32 -1.31 -0.22	20.34 -1.00 0.00	20.40 -0.96 0.00	21.01 -0.74 0.00	21.84 -1.03 0.00	22.65 -1.12 0.00	21.62 -0.85 -0.03	24.52 -1.40 0.00	24.13 -1.21 -0.20	25.20 -1.64 -0.03	27.79 -2.05 -0.10	21.86 -1.29 -0.53	21.63 -1.04 -0.03	20.73 -0.66 0.00	20.85 -0.43 0.00
NIAGARA_115W_LBMP 323714	19.72 -0.55 0.00	17.72 -0.51 0.00	16.87 -0.50 0.00	16.06 -0.48 0.00	16.10 -0.57 0.00	18.41 -0.65 0.00	20.71 -0.92 -0.15	19.96 -1.30 0.10	19.88 -1.35 0.13	20.23 -1.39 -0.22	20.25 -1.09 0.00	20.27 -1.09 0.00	20.86 -0.89 0.00	21.68 -1.19 0.00	22.48 -1.28 0.00	21.46 -1.01 -0.03	24.33 -1.58 0.00	23.93 -1.41 -0.20	25.04 -1.80 -0.03	27.64 -2.20 -0.11	21.72 -1.42 -0.53	21.47 -1.20 -0.03	20.58 -0.81 0.00	20.70 -0.57 0.00
NIAGARA_230_LBMP 323716	19.98 -0.28 0.00	17.96 -0.27 0.00	17.09 -0.28 0.00	16.28 -0.27 0.00	16.33 -0.33 0.00	18.68 -0.38 0.00	20.96 -0.67 -0.14	20.27 -1.00 0.09	20.22 -1.03 0.12	20.51 -1.11 -0.22	20.51 -0.83 0.00	20.57 -0.79 0.00	21.16 -0.59 0.00	22.00 -0.87 0.00	22.84 -0.93 0.00	21.77 -0.70 -0.03	24.70 -1.22 0.00	24.30 -1.03 -0.19	25.42 -1.42 -0.03	28.03 -1.81 -0.10	22.01 -1.13 -0.53	21.78 -0.88 -0.03	20.88 -0.51 0.00	21.00 -0.28 0.00
NIAGARA__115KV_198_GIBSON 55903	19.66 -0.61 0.00	17.69 -0.55 0.00	16.87 -0.50 0.00	16.06 -0.48 0.00	16.10 -0.57 0.00	18.33 -0.72 0.00	20.69 -0.95 -0.15	19.96 -1.30 0.10	19.86 -1.37 0.13	20.45 -1.18 -0.22	20.25 -1.09 0.00	20.27 -1.09 0.00	20.88 -0.87 0.00	21.68 -1.19 0.00	22.48 -1.28 0.00	21.73 -0.74 -0.03	24.72 -1.19 0.00	24.20 -1.13 -0.19	25.31 -1.53 -0.03	28.15 -1.69 -0.11	21.99 -1.18 -0.55	21.67 -1.00 -0.03	20.65 -0.75 0.00	20.64 -0.64 0.00
NIAGARA____ 23760	19.98 -0.28 0.00	17.96 -0.27 0.00	17.09 -0.28 0.00	16.28 -0.27 0.00	16.33 -0.33 0.00	18.68 -0.38 0.00	20.96 -0.67 -0.14	20.26 -1.00 0.10	20.21 -1.03 0.13	20.51 -1.11 -0.22	20.51 -0.83 0.00	20.57 -0.79 0.00	21.16 -0.59 0.00	22.00 -0.87 0.00	22.84 -0.93 0.00	21.77 -0.70 -0.03	24.70 -1.22 0.00	24.30 -1.03 -0.20	25.42 -1.42 -0.03	28.03 -1.81 -0.11	22.01 -1.13 -0.53	21.78 -0.88 -0.03	20.88 -0.51 0.00	21.00 -0.28 0.00
NINE_MILE_1 23575	19.86 -0.41 0.00	17.85 -0.38 0.00	17.00 -0.37 0.00	16.21 -0.33 0.00	16.33 -0.33 0.00	18.68 -0.38 0.00	21.13 -0.41 -0.05	21.16 -0.43 -0.22	21.15 -0.45 -0.23	21.06 -0.43 -0.08	20.89 -0.45 0.00	20.87 -0.49 0.00	21.27 -0.48 0.00	22.34 -0.53 0.00	23.22 -0.55 0.00	21.91 -0.54 -0.01	25.29 -0.62 0.00	24.58 -0.63 -0.07	26.21 -0.62 -0.01	29.06 -0.71 -0.04	22.30 -0.52 -0.21	22.11 -0.54 -0.01	20.91 -0.49 0.00	20.91 -0.36 0.00
NINE_MILE_2 23744	19.86 -0.41 0.00	17.85 -0.38 0.00	17.00 -0.37 0.00	16.21 -0.33 0.00	16.33 -0.33 0.00	18.68 -0.38 0.00	21.13 -0.41 -0.05	21.16 -0.43 -0.22	21.15 -0.45 -0.23	21.06 -0.43 -0.08	20.89 -0.45 0.00	20.87 -0.49 0.00	21.27 -0.48 0.00	22.34 -0.53 0.00	23.22 -0.55 0.00	21.91 -0.54 -0.01	25.29 -0.62 0.00	24.58 -0.63 -0.07	26.21 -0.62 -0.01	29.09 -0.68 -0.04	22.30 -0.52 -0.21	22.11 -0.54 -0.01	20.91 -0.49 0.00	20.91 -0.36 0.00
NM_CAPITAL____DRP 24208	20.73 0.47 0.00	18.67 0.44 0.00	17.80 0.43 0.00	16.94 0.40 0.00	17.11 0.45 0.00	19.59 0.53 0.00	24.22 0.60 -2.14	28.57 0.60 -6.61	28.84 0.60 -6.88	26.31 0.60 -4.30	25.65 0.66 -3.64	25.47 0.66 -3.44	25.24 0.67 -2.82	26.30 0.71 -2.72	26.51 0.74 -2.01	26.69 0.70 -3.55	28.47 0.80 -1.75	32.10 0.75 -6.21	30.72 0.80 -3.10	32.04 0.86 -1.44	29.10 0.66 -5.83	24.35 0.68 -1.03	22.63 0.58 -0.65	21.51 0.23 0.00
NM_CENTRAL____DRP 24181	20.32 0.06 0.00	18.27 0.04 0.00	17.41 0.03 0.00	16.61 0.07 0.00	16.73 0.07 0.00	19.12 0.06 0.00	21.70 0.13 -0.08	21.84 0.13 -0.35	21.86 0.13 -0.37	21.68 0.15 -0.13	21.45 0.11 0.00	21.47 0.11 0.00	21.88 0.13 0.00	22.98 0.11 0.00	23.86 0.10 0.00	22.50 0.04 -0.02	25.97 0.05 0.00	25.43 0.18 -0.11	26.83 0.00 -0.02	29.80 0.00 -0.07	22.94 0.00 -0.33	22.63 -0.02 -0.02	21.38 -0.02 0.00	21.34 0.06 0.00
NM_FRONTIER____DRP 24179	19.66 -0.61 0.00	17.69 -0.55 0.00	16.87 -0.50 0.00	16.06 -0.48 0.00	16.10 -0.57 0.00	18.33 -0.72 0.00	20.69 -0.95 -0.15	19.96 -1.30 0.10	19.86 -1.37 0.13	20.45 -1.18 -0.22	20.25 -1.09 0.00	20.27 -1.09 0.00	20.88 -0.87 0.00	21.68 -1.19 0.00	22.48 -1.28 0.00	21.73 -0.74 -0.03	24.72 -1.19 0.00	24.20 -1.13 -0.19	25.31 -1.53 -0.03	28.15 -1.69 -0.11	21.99 -1.18 -0.55	21.67 -1.00 -0.03	20.65 -0.75 0.00	20.64 -0.64 0.00
NM_ST_REGIS____HYD 24053	19.74 -0.53 0.00	17.76 -0.47 0.00	16.97 -0.40 0.00	16.16 -0.38 0.00	16.30 -0.37 0.00	18.66 -0.40 0.00	20.93 -0.56 0.00	20.81 -0.56 0.00	20.90 -0.56 0.00	20.87 -0.51 0.00	20.87 -0.47 0.00	21.23 -0.52 0.00	22.41 -0.46 0.00	23.31 -0.45 0.00	22.06 -0.38 0.00	25.45 -0.47 0.00	24.66 -0.48 0.00	26.27 -0.54 0.00	29.17 -0.56 0.00	22.19 -0.43 0.00	22.28 -0.36 0.00	21.08 -0.32 0.00	21.06 -0.21 0.00	
NORTHPORT____1 23551	33.21 2.01 -10.94	24.70 1.88 -4.59	23.37 1.75 -4.25	22.25 1.64 -4.06	27.10 1.53 -8.90	31.58 1.75 -10.77	32.84 2.41 -8.94	36.46 2.37 -12.72	37.03 2.33 -13.34	38.11 2.48 -14.21	40.44 2.35 -16.75	41.07 2.43 -17.27	41.29 2.50 -17.04	45.00 2.49 -19.64	45.00 2.59 -18.64	35.87 2.33 -11.10	38.25 2.54 -9.80	43.73 2.54 -16.05	41.66 2.65 -12.19	40.42 2.88 -7.80	36.83 2.22 -12.00	31.07 2.60 -5.82	28.01 2.54 -4.07	26.11 2.23 -2.60
NORTHPORT____2 23552	33.21 2.01 -10.94	24.70 1.88 -4.59	23.37 1.75 -4.25	22.25 1.64 -4.06	27.10 1.53 -8.90	31.58 1.75 -10.77	32.84 2.41 -8.94	36.46 2.37 -12.72	37.03 2.33 -13.34	38.11 2.48 -14.21	40.44 2.35 -16.75	41.07 2.43 -17.27	41.29 2.50 -17.04	45.00 2.49 -19.64	45.00 2.59 -18.64	35.87 2.33 -11.10	38.25 2.54 -9.80	43.73 2.54 -16.05	41.66 2.65 -12.19	40.42 2.88 -7.80	36.83 2.22 -12.00	31.07 2.60 -5.82	28.01 2.54 -4.07	26.11 2.23 -2.60
NORTHPORT____3 23553	32.80 1.60 -10.94	24.32 1.50 -4.59	23.01 1.39 -4.25	21.88 1.27 -4.06	26.78 1.22 -8.90	31.22 1.39 -10.77	32.34 1.91 -8.94	35.79 1.71 -12.71	36.40 1.71 -13.33	37.95 2.33 -14.21	39.71 1.62 -16.75	40.32 1.69 -17.27	40.53 1.74 -17.04	44.24 1.74 -19.63	44.21 1.81 -18.64	34.88 2.13 -10.31	37.76 2.57 -9.28	43.03 2.54 -15.35	36.18 2.63 -6.74	35.15 2.88 -2.53	36.15 2.22 -11.31	30.65 2.20 -5.82	27.79 2.33 -4.06	25.89 2.02 -2.59

NORTHPORT___4 23650	32.80 1.60 -10.94	24.32 1.50 -4.59	23.01 1.39 -4.25	21.88 1.27 -4.06	26.78 1.22 -8.90	31.22 1.39 -10.77	32.34 1.91 -8.94	35.79 1.71 -12.71	36.40 1.71 -13.33	37.95 2.33 -14.21	39.71 1.62 -16.75	40.32 1.69 -17.27	40.53 1.74 -17.04	44.24 1.74 -19.63	44.21 1.81 -18.64	34.88 2.13 -10.31	37.76 2.57 -9.28	43.03 2.54 -15.35	36.18 2.63 -6.74	35.15 2.88 -2.53	36.15 2.22 -11.31	30.65 2.20 -5.82	27.79 2.33 -4.06	25.89 2.02 -2.59
NORTHPORT___IC 23718	33.21 2.01 -10.94	24.70 1.88 -4.59	23.37 1.75 -4.25	22.25 1.64 -4.06	27.10 1.53 -8.90	31.58 1.75 -10.77	32.84 2.41 -8.94	36.46 2.37 -12.72	37.03 2.33 -13.34	38.11 2.48 -14.21	40.44 2.35 -16.75	41.07 2.43 -17.27	41.29 2.50 -17.04	45.00 2.49 -19.64	45.00 2.59 -18.64	35.87 2.33 -11.10	38.25 2.54 -9.80	43.73 2.54 -16.05	41.66 2.65 -12.19	40.42 2.88 -7.80	36.83 2.22 -12.00	31.07 2.60 -5.82	28.01 2.54 -4.07	26.11 2.23 -2.60
NORTH___COUNTRY_ESR 323785	19.25 -1.01 0.00	17.29 -0.95 0.00	16.55 -0.82 0.00	15.77 -0.78 0.00	15.91 -0.75 0.00	18.24 -0.82 0.00	20.41 -1.07 0.00	20.27 -1.09 0.00	20.27 -1.09 0.00	20.51 -0.90 0.00	20.51 -0.83 0.00	20.45 -0.92 0.00	20.79 -0.96 0.00	22.00 -0.87 0.00	22.91 -0.85 0.00	21.75 -0.70 0.00	25.19 -0.73 0.00	24.51 -0.63 0.00	26.06 -0.75 0.00	28.96 -0.77 0.00	21.91 -0.70 0.00	22.03 -0.61 0.00	20.80 -0.60 0.00	20.72 -0.55 0.00
NPX_GEN_1385_PROXY 323591	25.68 1.17 -4.24	24.10 1.28 -4.59	22.80 1.18 -4.25	21.70 1.09 -4.06	23.42 0.87 -5.89	25.30 0.99 -5.25	32.13 1.70 -8.94	35.90 1.81 -12.72	36.22 1.52 -13.34	34.35 1.88 -11.06	33.91 1.52 -11.05	33.18 1.58 -10.24	33.13 1.61 -9.77	33.39 1.58 -8.94	33.47 1.64 -8.07	35.07 1.53 -11.10	37.32 1.61 -9.80	42.90 1.71 -16.05	40.85 1.85 -12.19	39.53 1.99 -7.80	36.08 1.47 -12.00	30.43 1.97 -5.82	27.28 1.82 -4.07	25.62 1.75 -2.60
NPX_GEN_CSC 323557	33.51 2.31 -10.94	24.97 2.15 -4.59	23.63 2.01 -4.25	22.48 1.87 -4.06	27.37 1.80 -8.90	31.91 2.08 -10.77	33.18 2.75 -8.94	36.79 2.69 -12.73	37.44 2.69 -13.39	38.65 2.97 -14.26	40.77 2.67 -16.76	41.40 2.76 -17.28	41.65 2.85 -17.05	45.37 2.86 -19.64	45.39 2.97 -18.65	42.47 2.87 -17.15	42.91 3.27 -13.72	49.75 3.24 -21.37	84.12 3.38 -53.93	81.62 3.69 -48.19	42.65 2.83 -17.21	31.57 3.10 -5.83	28.53 3.06 -4.07	26.58 2.70 -2.60
NSINS_S_GLNS_FALLS 23858	21.76 1.50 0.00	19.53 1.29 0.00	18.57 1.20 0.00	17.67 1.12 0.00	17.95 1.28 0.00	20.60 1.54 0.00	25.40 1.78 -2.13	29.87 1.84 -6.67	30.15 1.86 -6.93	27.58 1.93 -4.25	26.84 1.98 -3.51	26.69 2.01 -3.32	26.31 1.85 -2.71	27.39 1.90 -2.62	27.69 2.00 -1.93	27.74 1.86 -3.44	29.67 2.07 -1.68	33.16 1.94 -6.08	32.09 2.28 -3.00	33.62 2.47 -1.42	30.48 1.99 -5.88	25.66 2.01 -1.01	23.80 1.78 -0.63	22.64 1.36 0.00
NUCOR_STEEL___DRP 24197	20.53 0.26 0.00	18.45 0.22 0.00	17.58 0.21 0.00	16.79 0.25 0.00	16.93 0.27 0.00	19.34 0.29 0.00	21.98 0.39 -0.10	22.22 0.43 -0.43	22.24 0.43 -0.45	22.01 0.45 -0.16	21.75 0.41 0.00	21.77 0.41 0.00	22.16 0.41 0.00	23.28 0.41 0.00	24.19 0.43 0.00	22.78 0.31 -0.02	26.33 0.41 0.00	26.58 1.31 -0.14	27.37 0.54 -0.02	30.39 0.56 -0.09	23.47 0.41 -0.44	23.07 0.41 -0.02	21.76 0.36 0.00	21.70 0.43 0.00
NUMBER_THREE_WT_PWR 323818	20.22 -0.04 0.00	18.27 0.04 0.00	17.44 0.07 0.00	16.68 0.13 0.00	16.80 0.13 0.00	19.23 0.17 0.00	21.78 0.26 -0.03	21.74 0.24 -0.14	21.71 0.19 -0.15	21.61 0.15 -0.05	21.41 0.06 0.00	21.49 0.13 0.00	21.86 0.11 0.00	23.03 0.16 0.00	24.12 0.36 0.00	22.74 0.29 -0.01	26.46 0.55 0.00	25.72 0.53 -0.05	27.46 0.64 -0.01	30.54 0.77 -0.03	23.29 0.54 -0.14	23.19 0.54 -0.01	21.89 0.49 0.00	21.81 0.53 0.00
NYISO_LBMP_REFERENCE 24008	20.26 0.00 0.00	18.23 0.00 0.00	17.37 0.00 0.00	16.54 0.00 0.00	16.66 0.00 0.00	19.06 0.00 0.00	21.49 0.00 0.00	21.36 0.00 0.00	21.36 0.00 0.00	21.41 0.00 0.00	21.34 0.00 0.00	21.36 0.00 0.00	21.75 0.00 0.00	22.87 0.00 0.00	23.76 0.00 0.00	22.44 0.00 0.00	25.92 0.00 0.00	25.14 0.00 0.00	26.81 0.00 0.00	29.74 0.00 0.00	22.61 0.00 0.00	22.64 0.00 0.00	21.40 0.00 0.00	21.28 0.00 0.00
NYPA_BRENTWD___GT 24164	33.47 2.27 -10.94	24.92 2.10 -4.59	23.56 1.95 -4.25	22.43 1.82 -4.06	27.32 1.75 -8.90	31.83 2.00 -10.77	33.09 2.66 -8.94	36.71 2.63 -12.72	37.34 2.63 -13.35	38.48 2.85 -14.22	40.72 2.62 -16.75	41.33 2.69 -17.27	41.55 2.76 -17.04	45.29 2.79 -19.64	45.33 2.92 -18.65	37.41 2.76 -12.21	39.51 3.08 -10.52	45.23 3.07 -17.02	49.84 3.19 -19.84	48.42 3.48 -15.20	38.23 2.67 -12.95	31.43 2.96 -5.82	28.35 2.89 -4.07	26.43 2.55 -2.60
NYPA_GOWANUS___GT5 24156	21.89 1.62 -0.01	19.72 1.48 -0.01	18.73 1.36 -0.01	17.79 1.24 -0.01	17.84 1.17 -0.01	20.30 1.24 0.00	26.58 1.85 -3.25	30.81 1.79 -7.65	32.05 1.84 -8.84	31.72 1.78 -8.54	32.63 1.81 -9.47	34.96 1.90 -11.69	33.04 1.94 -9.35	34.97 2.03 -10.06	34.00 2.09 -8.15	34.23 2.00 -9.79	34.23 2.28 -6.03	40.43 2.24 -13.05	38.77 2.36 -9.61	37.58 2.56 -5.29	31.18 1.90 -6.67	27.08 1.99 -2.44	25.01 1.95 -1.66	22.86 1.57 -0.01
NYPA_GOWANUS___GT6 24157	21.89 1.62 -0.01	19.72 1.48 -0.01	18.73 1.36 -0.01	17.79 1.24 -0.01	17.84 1.17 -0.01	20.30 1.24 0.00	26.58 1.85 -3.25	30.81 1.79 -7.65	32.05 1.84 -8.84	31.72 1.78 -8.54	32.63 1.81 -9.47	34.96 1.90 -11.69	33.04 1.94 -9.35	34.97 2.03 -10.06	34.00 2.09 -8.15	34.23 2.00 -9.79	34.23 2.28 -6.03	40.43 2.24 -13.05	38.77 2.36 -9.61	37.58 2.56 -5.29	31.18 1.90 -6.67	27.08 1.99 -2.44	25.01 1.95 -1.66	22.86 1.57 -0.01
NYPA_HARLEM__RVR__GT1 24160	21.69 1.42 -0.01	19.56 1.31 -0.01	18.59 1.22 -0.01	17.68 1.13 -0.01	17.72 1.05 -0.01	20.16 1.10 0.00	26.43 1.72 -3.23	30.68 1.69 -7.63	31.90 1.71 -8.83	31.56 1.63 -8.52	32.44 1.64 -9.46	33.02 1.71 -9.95	31.48 1.76 -7.96	32.54 1.81 -7.87	32.23 1.88 -6.60	33.99 1.77 -9.78	33.95 2.02 -6.01	40.12 1.94 -13.05	38.47 2.06 -9.60	37.21 2.20 -5.27	31.01 1.74 -6.66	26.89 1.81 -2.44	24.84 1.77 -1.66	22.67 1.38 -0.01
NYPA_HARLEM__RVR__GT2 24161	21.69 1.42 -0.01	19.56 1.31 -0.01	18.59 1.22 -0.01	17.68 1.13 -0.01	17.72 1.05 -0.01	20.16 1.10 0.00	26.43 1.72 -3.23	30.68 1.69 -7.63	31.90 1.71 -8.83	31.56 1.63 -8.52	32.44 1.64 -9.46	33.02 1.71 -9.95	31.48 1.76 -7.96	32.54 1.81 -7.87	32.23 1.88 -6.60	33.99 1.77 -9.78	33.95 2.02 -6.01	40.12 1.94 -13.05	38.47 2.06 -9.60	37.21 2.20 -5.27	31.01 1.74 -6.66	26.89 1.81 -2.44	24.84 1.77 -1.66	22.67 1.38 -0.01
NYPA_KENT___GT 24152	21.85 1.58 -0.01	19.68 1.44 -0.01	18.72 1.34 -0.01	17.78 1.22 -0.01	17.82 1.15 -0.01	20.28 1.22 0.00	26.56 1.83 -3.25	30.81 1.79 -7.65	32.05 1.84 -8.84	31.70 1.76 -8.54	32.61 1.79 -9.47	34.92 1.86 -11.69	33.02 1.91 -9.35	34.92 1.99 -10.06	33.95 2.04 -8.15	34.19 1.95 -9.79	34.18 2.23 -6.03	40.36 2.16 -13.05	38.69 2.28 -9.61	37.49 2.47 -5.29	31.16 1.88 -6.67	27.05 1.97 -2.44	24.99 1.93 -1.66	22.82 1.53 -0.01

NYPA_POUCH1____GT 24155	21.91	19.74	18.75	17.81	17.87	20.32	26.60	30.85	32.09	31.74	32.65	34.93	33.02	34.93	34.00	34.21	34.25	40.31	38.83	37.51	31.23	27.10	25.05	22.88
	1.64	1.50	1.37	1.26	1.20	1.26	1.87	1.84	1.88	1.80	1.84	1.92	1.96	2.06	2.14	2.02	2.33	2.29	2.41	2.59	1.95	2.01	1.99	1.60
	-0.01	-0.01	-0.01	-0.01	-0.01	0.00	-3.25	-7.65	-8.84	-8.54	-9.47	-11.64	-9.31	-10.00	-8.10	-9.75	-6.00	-12.88	-9.61	-5.18	-6.67	-2.44	-1.66	-0.01
NYPA_VERNON____GT2 24162	21.83	19.67	18.68	17.76	17.81	20.26	26.56	30.81	32.02	31.68	32.57	34.87	32.97	34.88	33.91	34.14	34.12	40.28	38.64	37.41	31.14	27.03	24.96	22.79
	1.56	1.42	1.30	1.21	1.13	1.20	1.83	1.79	1.81	1.73	1.75	1.81	1.87	1.94	2.00	1.91	2.18	2.09	2.22	2.38	1.85	1.95	1.90	1.51
	-0.01	-0.01	-0.01	-0.01	-0.01	0.00	-3.25	-7.65	-8.84	-8.54	-9.47	-11.69	-9.35	-10.06	-8.15	-9.79	-6.03	-13.05	-9.61	-5.29	-6.67	-2.44	-1.66	-0.01
NYPA_VERNON____GT3 24163	21.83	19.67	18.68	17.76	17.81	20.26	26.56	30.81	32.02	31.68	32.57	34.87	32.97	34.88	33.91	34.14	34.12	40.28	38.64	37.41	31.14	27.03	24.96	22.79
	1.56	1.42	1.30	1.21	1.13	1.20	1.83	1.79	1.81	1.73	1.75	1.81	1.87	1.94	2.00	1.91	2.18	2.09	2.22	2.38	1.85	1.95	1.90	1.51
	-0.01	-0.01	-0.01	-0.01	-0.01	0.00	-3.25	-7.65	-8.84	-8.54	-9.47	-11.69	-9.35	-10.06	-8.15	-9.79	-6.03	-13.05	-9.61	-5.29	-6.67	-2.44	-1.66	-0.01
NYPA____ASTORIA_CC1 323568	21.79	19.63	18.66	17.74	17.79	20.24	26.51	30.77	31.98	31.64	32.54	34.85	32.93	34.83	33.88	34.10	34.07	40.26	38.59	37.38	31.11	27.01	24.94	22.75
	1.52	1.39	1.29	1.19	1.12	1.18	1.78	1.75	1.77	1.69	1.73	1.79	1.83	1.90	1.97	1.86	2.13	2.06	2.17	2.35	1.83	1.92	1.88	1.47
	-0.01	-0.01	-0.01	-0.01	-0.01	0.00	-3.25	-7.65	-8.84	-8.54	-9.47	-11.69	-9.35	-10.06	-8.15	-9.79	-6.03	-13.05	-9.61	-5.29	-6.67	-2.44	-1.66	-0.01
NYPA____ASTORIA_CC2 323569	21.79	19.63	18.66	17.74	17.79	20.24	26.51	30.77	31.98	31.64	32.54	34.85	32.93	34.83	33.88	34.10	34.07	40.26	38.59	37.38	31.11	27.01	24.94	22.75
	1.52	1.39	1.29	1.19	1.12	1.18	1.78	1.75	1.77	1.69	1.73	1.79	1.83	1.90	1.97	1.86	2.13	2.06	2.17	2.35	1.83	1.92	1.88	1.47
	-0.01	-0.01	-0.01	-0.01	-0.01	0.00	-3.25	-7.65	-8.84	-8.54	-9.47	-11.69	-9.35	-10.06	-8.15	-9.79	-6.03	-13.05	-9.61	-5.29	-6.67	-2.44	-1.66	-0.01
NYPA____HOLTSVILL 23794	33.41	24.86	23.53	22.40	27.27	31.79	33.05	36.63	37.29	38.47	40.62	41.25	41.49	45.21	45.22	42.14	42.60	49.40	82.88	80.41	42.34	31.37	28.34	26.41
	2.21	2.04	1.91	1.79	1.70	1.96	2.62	2.54	2.54	2.80	2.52	2.61	2.70	2.70	2.80	2.69	3.06	3.02	3.14	3.45	2.64	2.90	2.87	2.53
	-10.94	-4.59	-4.25	-4.06	-8.90	-10.77	-8.94	-12.73	-13.39	-14.26	-16.76	-17.28	-17.05	-19.64	-18.65	-17.01	-13.63	-21.24	-52.94	-47.23	-17.08	-5.83	-4.07	-2.60
NYPA____HELLGATE_GT1 24158	21.69	19.56	18.59	17.68	17.72	20.16	26.43	30.68	31.90	31.56	32.44	33.02	31.48	32.54	32.23	33.97	33.93	40.10	38.44	37.21	31.01	26.89	24.84	22.67
	1.42	1.31	1.22	1.13	1.05	1.10	1.72	1.69	1.71	1.63	1.64	1.71	1.76	1.81	1.88	1.75	2.00	1.91	2.04	2.20	1.74	1.81	1.77	1.38
	-0.01	-0.01	-0.01	-0.01	-0.01	0.00	-3.23	-7.63	-8.83	-8.52	-9.46	-9.95	-7.96	-7.87	-6.60	-9.78	-6.01	-13.05	-9.60	-5.27	-6.66	-2.44	-1.66	-0.01
NYPA____HELLGATE_GT2 24159	21.69	19.56	18.59	17.68	17.72	20.16	26.43	30.68	31.90	31.56	32.44	33.02	31.48	32.54	32.23	33.97	33.93	40.10	38.44	37.21	31.01	26.89	24.84	22.67
	1.42	1.31	1.22	1.13	1.05	1.10	1.72	1.69	1.71	1.63	1.64	1.71	1.76	1.81	1.88	1.75	2.00	1.91	2.04	2.20	1.74	1.81	1.77	1.38
	-0.01	-0.01	-0.01	-0.01	-0.01	0.00	-3.23	-7.63	-8.83	-8.52	-9.46	-9.95	-7.96	-7.87	-6.60	-9.78	-6.01	-13.05	-9.60	-5.27	-6.66	-2.44	-1.66	-0.01
NYS_BARGE____HYD 23848	20.18	18.14	17.28	16.46	16.48	18.85	21.09	20.50	20.46	20.68	20.70	20.81	21.40	22.27	23.07	22.02	25.01	24.60	25.69	28.32	22.24	22.06	21.10	21.19
	-0.08	-0.09	-0.09	-0.08	-0.18	-0.21	-0.54	-0.81	-0.83	-0.94	-0.64	-0.56	-0.35	-0.59	-0.69	-0.45	-0.91	-0.73	-1.15	-1.52	-0.88	-0.61	-0.30	-0.08
	0.00	0.00	0.00	0.00	0.00	0.00	-0.14	0.05	0.07	-0.21	0.00	0.00	0.00	0.00	0.00	-0.03	0.00	-0.19	-0.03	-0.10	-0.51	-0.03	0.00	0.00
OAK ORCHARD____HYD 24046	20.37	18.31	17.44	16.64	16.73	19.10	21.81	21.89	21.79	21.64	21.53	21.41	21.88	22.94	23.81	22.58	25.86	25.39	26.83	29.85	23.10	22.62	21.44	21.40
	0.10	0.07	0.07	0.10	0.07	0.04	0.21	0.09	-0.04	0.06	0.19	0.04	0.13	0.07	0.05	0.11	-0.05	0.10	0.00	0.03	0.09	-0.05	0.04	0.13
	0.00	0.00	0.00	0.00	0.00	0.00	-0.11	-0.45	-0.47	-0.16	0.00	0.00	0.00	0.00	0.00	-0.02	0.00	-0.15	-0.02	-0.08	-0.40	-0.02	0.00	0.00
OAKDALE__35_KV_LOAD 356122	20.71	18.64	17.74	16.91	17.01	19.46	22.20	22.98	23.10	22.18	21.79	21.81	22.32	23.42	24.33	23.00	26.54	26.01	27.33	30.37	24.04	23.13	21.87	21.66
	0.45	0.40	0.36	0.36	0.35	0.40	0.41	0.36	0.41	0.32	0.45	0.45	0.57	0.55	0.57	0.49	0.62	0.48	0.46	0.42	0.32	0.43	0.47	0.38
	0.00	0.00	0.00	0.00	0.00	0.00	-0.30	-1.25	-1.33	-0.45	0.00	0.00	0.00	0.00	0.00	-0.06	0.00	-0.39	-0.06	-0.22	-1.10	-0.06	0.00	0.00
OCC_CHEM____DRP 24175	19.72	17.74	16.92	16.10	16.15	18.37	20.73	20.02	19.90	20.51	20.32	20.34	20.92	21.75	22.55	21.80	24.78	24.28	25.39	28.24	22.06	21.72	20.71	20.70
	-0.55	-0.49	-0.45	-0.45	-0.52	-0.69	-0.90	-1.24	-1.32	-1.11	-1.02	-1.03	-0.83	-1.12	-1.21	-0.67	-1.14	-1.06	-1.45	-1.61	-1.11	-0.95	-0.68	-0.57
	0.00	0.00	0.00	0.00	0.00	0.00	-0.15	0.10	0.14	-0.22	0.00	0.00	0.00	0.00	0.00	-0.03	0.00	-0.19	-0.03	-0.11	-0.55	-0.03	0.00	0.00
OH_GEN_PROXY 24063	19.98	17.98	17.11	16.30	16.33	18.70	21.01	20.38	20.32	20.55	20.55	20.61	21.21	22.07	22.88	21.82	24.78	24.38	25.47	28.12	22.08	21.83	20.93	21.00
	-0.28	-0.26	-0.26	-0.25	-0.33	-0.36	-0.62	-0.94	-0.98	-1.07	-0.79	-0.75	-0.54	-0.80	-0.88	-0.65	-1.14	-0.96	-1.37	-1.73	-1.06	-0.84	-0.47	-0.28
	0.00	0.00	0.00	0.00	0.00	0.00	-0.14	0.04	0.07	-0.22	0.00	0.00	0.00	0.00	0.00	-0.03	0.00	-0.20	-0.03	-0.10	-0.53	-0.03	0.00	0.00
OLIN_CORP_DRP 24177	19.86	17.89	17.06	16.23	16.26	18.52	20.79	20.13	20.04	20.58	20.45	20.47	21.08	21.89	22.69	21.93	24.96	24.40	25.55	28.39	22.17	21.85	20.84	20.83
	-0.41	-0.35	-0.31	-0.31	-0.40	-0.53	-0.84	-1.13	-1.20	-1.05	-0.90	-0.90	-0.67	-0.98	-1.07	-0.54	-0.96	-0.93	-1.29	-1.46	-1.00	-0.81	-0.56	-0.45
	0.00	0.00	0.00	0.00	0.00	0.00	-0.15	0.10	0.13	-0.22	0.00	0.00	0.00	0.00	0.00	-0.03	0.00	-0.19	-0.03	-0.11	-0.55	-0.03	0.00	0.00
OLIN_CORP_DSASP 323712	19.76	17.76	16.92	16.10	16.15	18.47	20.75	20.02	19.95	20.28	20.30	20.34	20.92	21.75	22.55	21.51	24.39	24.00	25.12	27.70	21.79	21.54	20.65	20.77
	-0.51	-0.47	-0.45	-0.45	-0.52	-0.59	-0.88	-1.24	-1.28	-1.35	-1.05	-1.03	-0.83	-1.12	-1.21	-0.96	-1.53	-1.33	-1.72	-2.14	-1.36	-1.13	-0.75	-0.51
	0.00	0.00	0.00	0.00	0.00	0.00	-0.15	0.10	0.14	-0.22	0.00	0.00	0.00	0.00	0.00	-0.03	0.00	-0.20	-0.03	-0.11	-0.53	-0.03	0.00	0.00

ONEIDA_HERK_LFGE 323681	20.47 0.20 0.00	18.45 0.22 0.00	17.58 0.21 0.00	16.79 0.25 0.00	16.91 0.25 0.00	19.34 0.29 0.00	21.91 0.39 -0.03	21.86 0.36 -0.13	21.87 0.36 -0.14	21.80 0.34 -0.05	21.62 0.28 0.00	21.68 0.32 0.00	22.05 0.30 0.00	23.21 0.34 0.00	24.19 0.43 0.00	22.81 0.36 -0.01	26.49 0.57 0.00	25.72 0.53 -0.05	27.43 0.62 -0.01	30.47 0.71 -0.02	23.26 0.52 -0.12	23.17 0.52 -0.01	21.87 0.47 0.00	21.74 0.47 0.00
ONEIDA___115KV_TB4 55905	20.73 0.47 0.00	18.67 0.44 0.00	17.77 0.40 0.00	16.97 0.43 0.00	17.10 0.43 0.00	19.55 0.50 0.00	22.17 0.62 -0.06	22.22 0.62 -0.24	22.23 0.62 -0.25	22.14 0.64 -0.09	21.90 0.55 0.00	21.94 0.58 0.00	22.29 0.54 0.00	23.44 0.57 0.00	24.38 0.62 0.00	22.97 0.52 -0.01	26.64 0.73 0.00	25.87 0.65 -0.08	27.57 0.75 -0.01	30.58 0.80 -0.04	23.43 0.59 -0.22	23.24 0.59 -0.01	21.95 0.56 0.00	21.83 0.55 0.00
ONONDAGA_REF_OCCRA 23987	20.39 0.12 0.00	18.33 0.09 0.00	17.46 0.09 0.00	16.66 0.12 0.00	16.78 0.12 0.00	19.19 0.13 0.00	21.78 0.19 -0.10	22.00 0.21 -0.42	22.02 0.21 -0.45	21.80 0.24 -0.15	21.56 0.21 0.00	21.58 0.21 0.00	21.97 0.22 0.00	23.07 0.21 0.00	23.98 0.21 0.00	22.60 0.13 -0.02	26.10 0.18 0.00	25.62 0.35 -0.13	26.97 0.13 -0.02	29.96 0.15 -0.08	23.11 0.09 -0.40	22.75 0.09 -0.02	21.48 0.09 0.00	21.43 0.15 0.00
ONONDAGA___COGEN 23986	20.43 0.16 0.00	18.36 0.13 0.00	17.49 0.12 0.00	16.71 0.17 0.00	16.83 0.17 0.00	19.23 0.17 0.00	21.83 0.26 -0.09	22.00 0.28 -0.36	22.02 0.28 -0.38	21.86 0.32 -0.13	21.60 0.26 0.00	21.62 0.26 0.00	22.01 0.26 0.00	23.12 0.25 0.00	24.02 0.26 0.00	22.62 0.16 -0.02	26.12 0.21 0.00	26.03 0.78 -0.11	27.10 0.27 -0.02	30.11 0.30 -0.07	23.19 0.20 -0.37	22.84 0.18 -0.02	21.57 0.17 0.00	21.53 0.26 0.00
ONTARIO___LFGE 23819	20.55 0.28 0.00	18.47 0.24 0.00	17.60 0.23 0.00	16.82 0.28 0.00	16.95 0.28 0.00	19.36 0.30 0.00	22.00 0.39 -0.13	22.65 0.43 -0.86	22.72 0.43 -0.92	21.92 0.32 -0.19	21.75 0.40 0.00	21.81 0.45 0.00	22.25 0.50 0.00	23.35 0.48 0.00	24.24 0.48 0.00	22.92 0.45 -0.03	26.41 0.49 0.00	26.15 0.83 -0.18	27.32 0.48 -0.03	30.25 0.42 -0.10	23.46 0.36 -0.48	23.05 0.38 -0.03	21.80 0.41 0.00	21.74 0.47 0.00
ORANGEVILLE_WT_PWR 323706	20.30 0.04 0.00	18.27 0.04 0.00	17.41 0.03 0.00	16.61 0.07 0.00	16.65 -0.02 0.00	19.04 -0.02 0.00	21.23 -0.43 -0.17	19.19 -0.53 1.64	19.09 -0.45 1.82	20.94 -0.73 -0.26	20.87 -0.47 0.00	21.19 -0.17 0.00	21.82 0.07 0.00	22.73 -0.14 0.00	23.62 -0.14 0.00	22.52 0.04 -0.04	25.71 -0.21 0.00	25.32 -0.05 -0.23	26.31 -0.54 -0.03	28.97 -0.89 -0.12	22.75 -0.50 -0.63	22.63 -0.05 -0.03	21.57 0.17 0.00	21.64 0.36 0.00
ORANGEVILLE___ESR 323794	20.30 0.04 0.00	18.27 0.04 0.00	17.41 0.03 0.00	16.61 0.07 0.00	16.65 -0.02 0.00	19.04 -0.02 0.00	21.23 -0.43 -0.17	19.19 -0.53 1.64	19.09 -0.45 1.82	20.94 -0.73 -0.26	20.87 -0.47 0.00	21.19 -0.17 0.00	21.82 0.07 0.00	22.73 -0.14 0.00	23.62 -0.14 0.00	22.52 0.04 -0.04	25.71 -0.21 0.00	25.32 -0.05 -0.23	26.31 -0.54 -0.03	28.97 -0.89 -0.12	22.75 -0.50 -0.63	22.63 -0.05 -0.03	21.57 0.17 0.00	21.64 0.36 0.00
OSWEGATCHIE___HYD 24044	20.08 -0.18 0.00	18.11 -0.13 0.00	17.27 -0.10 0.00	16.48 -0.07 0.00	16.61 -0.05 0.00	19.02 -0.04 0.00	21.45 -0.06 -0.02	21.38 -0.09 -0.10	21.37 -0.11 -0.11	21.34 -0.11 -0.04	21.22 -0.13 0.00	21.24 -0.13 0.00	21.60 -0.15 0.00	22.78 -0.09 0.00	23.74 -0.02 0.00	22.40 -0.04 -0.01	25.97 0.05 0.00	25.18 0.00 -0.04	26.87 0.05 -0.01	29.88 0.12 -0.02	22.76 0.05 -0.10	22.74 0.09 -0.01	21.50 0.11 0.00	21.43 0.15 0.00
OSWEGO___5 23606	19.98 -0.28 0.00	17.96 -0.27 0.00	17.11 -0.26 0.00	16.31 -0.23 0.00	16.43 -0.23 0.00	18.79 -0.27 0.00	21.26 -0.28 -0.06	21.29 -0.30 -0.23	21.30 -0.30 -0.24	21.19 -0.30 -0.08	21.02 -0.32 0.00	21.02 -0.34 0.00	21.42 -0.33 0.00	22.50 -0.37 0.00	23.38 -0.38 0.00	22.07 -0.38 -0.01	25.45 -0.47 0.00	24.68 -0.53 -0.07	26.39 -0.43 -0.01	29.31 -0.48 -0.05	22.49 -0.36 -0.24	22.27 -0.38 -0.01	21.05 -0.34 0.00	21.04 -0.23 0.00
OSWEGO___6 23613	19.98 -0.28 0.00	17.96 -0.27 0.00	17.11 -0.26 0.00	16.31 -0.23 0.00	16.43 -0.23 0.00	18.79 -0.27 0.00	21.26 -0.28 -0.06	21.29 -0.30 -0.23	21.30 -0.30 -0.24	21.19 -0.30 -0.08	21.02 -0.32 0.00	21.02 -0.34 0.00	21.42 -0.33 0.00	22.50 -0.37 0.00	23.38 -0.38 0.00	22.07 -0.38 -0.01	25.45 -0.47 0.00	24.68 -0.53 -0.07	26.39 -0.43 -0.01	29.31 -0.48 -0.05	22.49 -0.36 -0.24	22.27 -0.38 -0.01	21.05 -0.34 0.00	21.04 -0.23 0.00
OUTOKUMPU-AB___DRP 24206	20.24 -0.02 0.00	18.23 0.00 0.00	17.39 0.02 0.00	16.54 0.00 0.00	16.58 -0.08 0.00	18.85 -0.21 0.00	21.14 -0.49 -0.15	20.52 -0.73 0.12	20.48 -0.73 0.15	20.99 -0.64 -0.22	20.94 -0.41 0.00	20.98 -0.38 0.00	21.62 -0.13 0.00	22.43 -0.43 0.00	23.26 -0.50 0.00	22.47 0.00 -0.03	25.61 -0.31 0.00	24.93 -0.40 -0.19	26.17 -0.67 -0.03	29.01 -0.83 -0.11	22.63 -0.54 -0.56	22.38 -0.29 -0.03	21.33 -0.06 0.00	21.30 0.02 0.00
OXBOW___ 24026	20.08 -0.18 0.00	18.05 -0.18 0.00	17.20 -0.17 0.00	16.36 -0.18 0.00	16.40 -0.27 0.00	18.73 -0.32 0.00	20.99 -0.64 -0.15	20.31 -0.94 0.11	20.26 -0.96 0.14	20.58 -1.05 -0.22	20.59 -0.75 0.00	20.72 -0.64 0.00	21.32 -0.43 0.00	22.14 -0.73 0.00	22.95 -0.81 0.00	21.91 -0.56 -0.03	24.85 -1.06 0.00	24.46 -0.88 -0.20	25.55 -1.29 -0.03	28.15 -1.69 -0.11	22.13 -1.02 -0.53	21.94 -0.73 -0.03	21.01 -0.38 0.00	21.13 -0.15 0.00
OXY_CHEM_DSASP 323612	19.72 -0.55 0.00	17.74 -0.49 0.00	16.92 -0.45 0.00	16.10 -0.45 0.00	16.15 -0.52 0.00	18.37 -0.69 0.00	20.73 -0.90 -0.15	20.02 -1.24 0.10	19.90 -1.32 0.14	20.51 -1.11 -0.22	20.32 -1.02 0.00	20.34 -1.03 0.00	20.92 -0.83 0.00	21.75 -1.12 0.00	22.55 -1.21 0.00	21.80 -0.67 -0.03	24.78 -1.14 0.00	24.28 -1.06 -0.19	25.39 -1.45 -0.03	28.24 -1.61 -0.11	22.06 -1.11 -0.55	21.72 -0.95 -0.03	20.71 -0.68 0.00	20.70 -0.57 0.00
OZONE_PARK_ESR 323760	21.88 1.62 0.00	19.71 1.48 0.00	18.71 1.34 0.00	17.78 1.24 0.00	17.81 1.15 0.00	20.37 1.32 0.00	26.61 1.89 -3.24	30.86 1.86 -7.64	32.08 1.88 -8.84	31.76 1.82 -8.53	32.69 1.88 -9.47	33.22 1.90 -9.96	31.66 1.94 -7.97	32.76 2.01 -7.88	32.46 2.09 -6.60	34.23 2.00 -9.79	34.22 2.28 -6.02	40.41 2.21 -13.05	38.75 2.33 -9.61	37.58 2.56 -5.28	31.23 1.94 -6.67	27.12 2.04 -2.44	25.06 2.01 -1.66	22.72 1.45 0.00
PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	19.72 -0.55 0.00	17.74 -0.49 0.00	16.92 -0.45 0.00	16.10 -0.45 0.00	16.15 -0.52 0.00	18.37 -0.69 0.00	20.73 -0.90 -0.15	20.02 -1.24 0.10	19.90 -1.32 0.14	20.51 -1.11 -0.22	20.32 -1.02 0.00	20.34 -1.03 0.00	20.92 -0.83 0.00	21.75 -1.12 0.00	22.55 -1.21 0.00	21.80 -0.67 -0.03	24.78 -1.14 0.00	24.28 -1.06 -0.19	25.39 -1.45 -0.03	28.24 -1.61 -0.11	22.06 -1.11 -0.55	21.72 -0.95 -0.03	20.71 -0.68 0.00	20.70 -0.57 0.00

PACKARD__115KV_DUPONT_184 80571	19.72 -0.55 0.00	17.74 -0.49 0.00	16.92 -0.45 0.00	16.10 -0.45 0.00	16.15 -0.52 0.00	18.37 -0.69 0.00	20.73 -0.90 -0.15	20.02 -1.24 0.10	19.90 -1.32 0.14	20.51 -1.11 -0.22	20.32 -1.02 0.00	20.34 -1.03 0.00	20.92 -0.83 0.00	21.75 -1.12 0.00	22.55 -1.21 0.00	21.80 -0.67 -0.03	24.78 -1.14 0.00	24.28 -1.06 -0.19	25.39 -1.45 -0.03	28.24 -1.61 -0.11	22.06 -1.11 -0.55	21.72 -0.95 -0.03	20.71 -0.68 0.00	20.70 -0.57 0.00
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	21.72 1.46 0.00	19.57 1.33 0.00	18.59 1.22 0.00	17.67 1.12 0.00	17.71 1.05 0.00	20.20 1.14 0.00	26.40 1.70 -3.22	30.66 1.67 -7.63	31.89 1.71 -8.82	31.57 1.65 -8.51	32.50 1.71 -9.45	33.02 1.71 -9.95	31.48 1.76 -7.96	32.54 1.81 -7.87	32.24 1.88 -6.60	34.01 1.80 -9.77	33.97 2.05 -6.01	40.10 1.91 -13.05	38.45 2.04 -9.61	37.26 2.26 -5.27	31.03 1.74 -6.67	26.92 1.83 -2.44	24.87 1.82 -1.66	22.55 1.28 0.00
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	21.84 1.58 0.00	19.69 1.46 0.00	18.73 1.35 0.00	17.78 1.24 0.00	17.83 1.17 0.00	20.32 1.26 0.00	26.55 1.85 -3.22	30.80 1.82 -7.63	32.02 1.84 -8.82	31.68 1.76 -8.51	32.61 1.81 -9.45	33.13 1.82 -9.95	31.59 1.87 -7.96	32.66 1.92 -7.87	32.35 2.00 -6.60	34.12 1.91 -9.77	34.10 2.18 -6.01	40.23 2.04 -13.05	38.59 2.17 -9.61	37.44 2.44 -5.27	31.14 1.85 -6.67	27.03 1.95 -2.44	24.98 1.93 -1.66	22.70 1.43 0.00
PATROON__115KV_TB1 80586	20.75 0.49 0.00	18.65 0.42 0.00	17.82 0.45 0.00	16.94 0.40 0.00	17.13 0.47 0.00	19.61 0.55 0.00	24.22 0.60 -2.13	28.60 0.62 -6.62	28.88 0.62 -6.89	26.34 0.64 -4.29	25.63 0.68 -3.61	25.49 0.70 -3.42	25.26 0.72 -2.80	26.31 0.73 -2.71	26.55 0.78 -2.01	26.72 0.74 -3.53	28.52 0.86 -1.75	32.09 0.78 -6.17	30.74 0.83 -3.10	32.11 0.89 -1.48	29.13 0.68 -5.83	24.37 0.70 -1.03	22.64 0.60 -0.65	21.53 0.26 0.00
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	20.63 0.36 0.00	18.58 0.35 0.00	17.72 0.35 0.00	16.87 0.33 0.00	16.90 0.23 0.00	19.23 0.17 0.00	20.81 -0.84 -0.16	20.64 -0.62 0.10	20.97 -0.26 0.14	20.75 -0.90 -0.24	21.43 0.09 0.00	21.47 0.11 0.00	22.12 0.37 0.00	22.98 0.11 0.00	23.86 0.10 0.00	22.85 0.38 -0.03	26.33 0.41 0.00	24.75 -0.60 -0.21	26.36 -0.48 -0.03	28.84 -1.01 -0.12	22.51 -0.70 -0.60	22.67 0.00 -0.03	21.82 0.43 0.00	21.81 0.53 0.00
PAWLING_115_KV_BK3_REV_LBMP_H 345028	21.70 1.44 0.00	19.55 1.31 0.00	18.57 1.20 0.00	17.64 1.09 0.00	17.70 1.03 0.00	20.22 1.16 0.00	26.27 1.70 -3.09	30.36 1.54 -7.46	31.53 1.58 -8.58	30.98 1.54 -8.03	31.78 1.69 -8.75	32.23 1.67 -9.20	30.84 1.72 -7.37	31.91 1.76 -7.28	31.69 1.83 -6.10	33.28 1.77 -9.07	33.50 2.02 -5.56	39.32 1.99 -12.20	37.77 2.06 -8.90	36.97 2.29 -4.94	30.81 1.67 -6.52	26.75 1.83 -2.28	24.55 1.63 -1.53	22.47 1.19 0.00
PEEKSKILL____ 23653	21.54 1.28 0.00	19.40 1.17 0.00	18.45 1.08 0.00	17.52 0.98 0.00	17.60 0.93 0.00	20.11 1.05 0.00	26.37 1.53 -3.35	30.60 1.45 -7.78	31.83 1.47 -8.99	31.74 1.43 -8.90	32.83 1.45 -10.04	33.38 1.49 -10.52	31.75 1.57 -8.43	32.79 1.60 -8.33	32.38 1.66 -6.96	34.39 1.62 -10.33	34.09 1.84 -6.34	40.72 1.83 -13.74	38.79 1.88 -10.10	37.23 2.05 -5.44	30.98 1.58 -6.78	26.86 1.65 -2.57	24.72 1.56 -1.76	22.51 1.23 0.00
PGE MADISON__WINDPWR 24146	21.56 1.30 0.00	19.42 1.18 0.00	18.47 1.10 0.00	17.70 1.16 0.00	17.78 1.12 0.00	20.41 1.35 0.00	23.44 1.65 -0.30	24.43 1.71 -1.35	24.53 1.73 -1.44	23.45 1.58 -0.45	22.79 1.45 0.00	22.92 1.56 0.00	23.32 1.57 0.00	24.52 1.65 0.00	25.52 1.76 0.00	24.07 1.57 -0.06	28.09 2.18 0.00	27.72 2.19 -0.40	29.12 2.25 -0.06	32.39 2.44 -0.21	25.53 1.83 -1.08	24.56 1.86 -0.06	23.11 1.71 0.00	23.02 1.75 0.00
PIERCEFIELD__HYD 23852	19.82 -0.45 0.00	17.85 -0.38 0.00	17.04 -0.33 0.00	16.23 -0.31 0.00	16.36 -0.30 0.00	18.73 -0.32 0.00	21.01 -0.47 0.00	20.91 -0.45 0.00	20.89 -0.47 0.00	20.96 -0.45 0.00	20.94 -0.41 0.00	20.94 -0.43 0.00	21.29 -0.46 0.00	22.46 -0.41 0.00	23.36 -0.40 0.00	22.08 -0.36 0.00	25.45 -0.47 0.00	24.64 -0.50 0.00	26.27 -0.54 0.00	29.14 -0.59 0.00	22.19 -0.43 0.00	22.30 -0.34 0.00	21.12 -0.28 0.00	21.08 -0.19 0.00
PINELAWN_CC_1 323563	33.21 2.01 -10.94	24.66 1.84 -4.59	23.32 1.70 -4.25	22.20 1.59 -4.06	27.08 1.52 -8.90	31.56 1.73 -10.77	32.75 2.32 -8.94	36.37 2.29 -12.72	36.99 2.29 -13.34	38.17 2.55 -14.21	40.35 2.26 -16.75	40.94 2.31 -17.27	41.16 2.37 -17.04	44.90 2.40 -19.63	44.92 2.52 -18.64	36.19 2.47 -11.28	38.66 2.83 -9.92	44.14 2.79 -16.21	43.17 2.90 -13.46	41.92 3.15 -9.03	37.21 2.44 -12.15	31.09 2.62 -5.82	28.05 2.59 -4.06	26.13 2.25 -2.60
PJM_GEN_HTP_PROXY 323702	21.70 1.44 0.00	19.55 1.31 0.00	18.57 1.20 0.00	17.65 1.11 0.00	17.70 1.03 0.00	20.20 1.14 0.00	26.42 1.70 -3.24	30.67 1.67 -7.64	31.89 1.69 -8.84	31.54 1.61 -8.53	32.45 1.64 -9.47	33.03 1.71 -9.96	31.46 1.74 -7.97	32.55 1.81 -7.88	32.24 1.88 -6.60	34.00 1.77 -9.79	33.96 2.02 -6.02	40.18 1.99 -13.05	38.48 2.06 -9.61	37.25 2.23 -5.28	31.00 1.72 -6.67	26.90 1.81 -2.44	24.83 1.77 -1.66	22.64 1.36 0.00
PJM_GEN_KEystone 24065	20.85 0.59 0.00	18.78 0.55 0.00	17.86 0.49 0.00	16.99 0.45 0.00	17.05 0.38 0.00	19.50 0.44 0.00	23.93 0.45 -1.99	26.22 0.43 -4.43	26.96 0.49 -5.10	26.93 0.28 -5.24	27.66 0.40 -5.91	28.10 0.60 -6.14	27.39 0.72 -4.92	28.37 0.66 -4.84	28.46 0.66 -4.03	29.11 0.74 -5.92	30.24 0.72 -3.59	33.47 0.75 -7.58	32.78 0.48 -5.49	32.90 0.36 -2.81	27.00 0.34 -4.05	24.78 0.63 -1.51	23.16 0.73 -1.04	21.89 0.62 0.00
PJM_GEN_NEPTUNE_PROXY 323594	27.66 1.60 -5.80	22.13 1.46 -2.43	20.98 1.36 -2.25	19.96 1.26 -2.16	22.59 1.20 -4.72	26.12 1.35 -5.71	29.62 1.87 -6.27	33.51 1.81 -10.34	34.43 1.84 -11.23	34.99 2.03 -11.55	36.47 1.79 -13.34	37.07 1.86 -13.85	36.46 1.91 -12.79	38.93 1.94 -14.12	38.78 2.02 -13.00	35.25 1.98 -10.84	37.82 2.28 -9.63	43.20 2.24 -15.82	39.54 2.33 -10.40	38.33 2.53 -6.06	36.35 1.97 -11.77	30.51 2.06 -5.82	27.51 2.05 -4.06	25.59 1.72 -2.59
PJM_GEN_VFT_PROXY 323633	21.60 1.34 0.00	19.47 1.24 0.00	18.48 1.11 0.00	17.57 1.03 0.00	17.61 0.95 0.00	20.11 1.05 0.00	26.34 1.61 -3.24	30.59 1.58 -7.64	31.78 1.58 -8.84	31.39 1.46 -8.53	32.32 1.52 -9.46	32.30 1.56 -9.38	30.87 1.61 -7.51	31.66 1.65 -7.15	31.56 1.71 -6.09	31.82 1.62 -7.76	32.28 1.84 -4.52	32.34 1.81 -5.39	32.27 1.88 -3.58	32.25 2.02 -0.49	30.89 1.61 -6.67	26.80 1.72 -2.44	24.77 1.71 -1.66	22.53 1.25 0.00
PLATSBURG_115KV_PMLD1 355749	19.39 -0.87 0.00	17.41 -0.82 0.00	16.68 -0.69 0.00	15.88 -0.66 0.00	16.03 -0.63 0.00	18.39 -0.67 0.00	20.58 -0.90 0.00	20.44 -0.92 0.00	20.44 -0.92 0.00	20.66 -0.75 0.00	20.68 -0.66 0.00	20.64 -0.73 0.00	21.01 -0.74 0.00	22.23 -0.64 0.00	23.12 -0.64 0.00	22.01 -0.43 0.00	25.45 -0.47 0.00	24.84 -0.30 0.00	26.33 -0.48 0.00	29.20 -0.54 0.00	22.23 -0.38 0.00	22.28 -0.36 0.00	21.01 -0.39 0.00	21.04 -0.23 0.00

PLEASANTVLY___LBMP 24000	21.42 1.16 0.00	19.29 1.06 0.00	18.34 0.97 0.00	17.44 0.89 0.00	17.51 0.85 0.00	20.05 0.99 0.00	25.72 1.35 -2.88	29.88 1.30 -7.21	31.02 1.30 -8.36	30.09 1.28 -7.40	30.41 1.34 -7.72	30.93 1.35 -8.23	29.69 1.37 -6.57	30.79 1.42 -6.51	30.76 1.47 -5.53	32.04 1.46 -8.14	32.64 1.66 -5.06	37.70 1.61 -10.95	36.59 1.69 -8.09	36.42 1.87 -4.81	30.33 1.40 -6.31	26.18 1.47 -2.07	24.16 1.41 -1.35	22.25 0.98 0.00
PLSNTVLE_13_KV_13.8KVDIST 80602	21.60 1.34 0.00	19.46 1.22 0.00	18.50 1.13 0.00	17.57 1.03 0.00	17.65 0.98 0.00	20.20 1.14 0.00	26.24 1.61 -3.14	30.45 1.56 -7.52	31.65 1.58 -8.70	31.17 1.54 -8.22	31.95 1.62 -8.99	32.47 1.62 -9.48	30.99 1.65 -7.59	32.08 1.72 -7.50	31.85 1.78 -6.31	33.50 1.73 -9.33	33.64 1.97 -5.76	39.53 1.91 -12.48	38.01 2.01 -9.19	37.12 2.23 -5.15	30.88 1.70 -6.57	26.72 1.74 -2.34	24.62 1.65 -1.57	22.47 1.19 0.00
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	21.60 1.34 0.00	19.46 1.22 0.00	18.50 1.13 0.00	17.57 1.03 0.00	17.65 0.98 0.00	20.20 1.14 0.00	26.24 1.61 -3.14	30.45 1.56 -7.52	31.65 1.58 -8.70	31.17 1.54 -8.22	31.95 1.62 -8.99	32.47 1.62 -9.48	30.99 1.65 -7.59	32.08 1.72 -7.50	31.85 1.78 -6.31	33.50 1.73 -9.33	33.64 1.97 -5.76	39.53 1.91 -12.48	38.01 2.01 -9.19	37.12 2.23 -5.15	30.88 1.70 -6.57	26.72 1.74 -2.34	24.62 1.65 -1.57	22.47 1.19 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	21.52 1.26 0.00	19.38 1.15 0.00	18.43 1.06 0.00	17.50 0.96 0.00	17.55 0.88 0.00	20.07 1.01 0.00	25.86 1.40 -2.98	29.98 1.28 -7.34	30.85 1.30 -8.18	30.18 1.28 -7.49	30.94 1.37 -8.23	31.15 1.35 -8.44	29.91 1.37 -6.79	30.98 1.44 -6.67	30.68 1.47 -5.44	32.22 1.46 -8.32	32.49 1.66 -4.92	38.36 1.63 -11.58	36.48 1.72 -7.95	35.72 1.96 -4.02	30.47 1.45 -6.41	26.26 1.52 -2.11	24.30 1.45 -1.45	22.30 1.02 0.00
POLETTI____ 23519	21.70 1.44 0.00	19.55 1.31 0.00	18.57 1.20 0.00	17.65 1.11 0.00	17.70 1.03 0.00	20.22 1.16 0.00	26.40 1.68 -3.24	30.65 1.64 -7.64	31.87 1.67 -8.84	31.54 1.61 -8.53	32.47 1.66 -9.47	32.99 1.67 -9.96	31.44 1.72 -7.97	32.53 1.78 -7.88	32.20 1.83 -6.60	33.98 1.75 -9.79	33.93 2.00 -6.02	40.10 1.91 -13.05	38.43 2.01 -9.61	37.25 2.23 -5.28	31.01 1.72 -6.67	26.89 1.81 -2.44	24.85 1.80 -1.66	22.51 1.23 0.00
POMONA___ESR 323819	21.52 1.26 0.00	19.38 1.15 0.00	18.43 1.06 0.00	17.50 0.96 0.00	17.56 0.90 0.00	20.07 1.01 0.00	26.70 1.48 -3.73	31.07 1.41 -8.29	32.37 1.43 -9.58	32.84 1.37 -10.06	34.51 1.41 -11.76	35.06 1.45 -12.25	33.08 1.50 -9.83	34.11 1.56 -9.69	33.42 1.62 -8.04	35.99 1.57 -11.98	35.01 1.79 -7.31	42.77 1.79 -15.84	40.27 1.82 -11.64	37.70 1.99 -5.97	31.35 1.52 -7.22	27.17 1.58 -2.95	24.98 1.52 -2.06	22.47 1.19 0.00
PORT_JEFF_3 23555	33.45 2.25 -10.94	24.90 2.08 -4.59	23.56 1.95 -4.25	22.43 1.82 -4.06	27.32 1.75 -8.90	31.83 2.00 -10.77	33.09 2.66 -8.94	36.70 2.61 -12.73	37.36 2.61 -13.39	38.54 2.87 -14.26	40.68 2.58 -16.76	41.31 2.67 -17.28	41.54 2.74 -17.05	45.26 2.74 -19.64	45.27 2.85 -18.65	42.48 2.76 -17.28	42.83 3.11 -13.80	49.71 3.09 -21.48	84.82 3.22 -54.79	82.27 3.51 -49.02	42.62 2.69 -17.31	31.46 2.99 -5.83	28.42 2.95 -4.07	26.47 2.59 -2.60
PORT_JEFF_4 23616	33.45 2.25 -10.94	24.90 2.08 -4.59	23.56 1.95 -4.25	22.43 1.82 -4.06	27.32 1.75 -8.90	31.83 2.00 -10.77	33.09 2.66 -8.94	36.70 2.61 -12.73	37.36 2.61 -13.39	38.54 2.87 -14.26	40.68 2.58 -16.76	41.31 2.67 -17.28	41.54 2.74 -17.05	45.26 2.74 -19.64	45.27 2.85 -18.65	42.48 2.76 -17.28	42.83 3.11 -13.80	49.71 3.09 -21.48	84.82 3.22 -54.79	82.27 3.51 -49.02	42.62 2.69 -17.31	31.46 2.99 -5.83	28.42 2.95 -4.07	26.47 2.59 -2.60
PORT_JEFF_IC 23713	33.47 2.27 -10.94	24.92 2.10 -4.59	23.58 1.96 -4.25	22.43 1.82 -4.06	27.33 1.77 -8.90	31.85 2.02 -10.77	33.12 2.69 -8.94	36.72 2.63 -12.73	37.39 2.63 -13.40	38.59 2.91 -14.27	40.71 2.60 -16.76	41.34 2.69 -17.28	41.56 2.76 -17.05	45.24 2.72 -19.65	45.25 2.83 -18.66	43.48 2.76 -18.28	43.48 3.11 -14.45	50.59 3.09 -22.36	91.70 3.22 -61.68	88.93 3.51 -55.69	43.48 2.69 -18.18	31.49 3.01 -5.84	28.45 2.97 -4.08	26.51 2.64 -2.60
PPL PILGRIM_ST_GT1 24216	33.47 2.27 -10.94	24.92 2.10 -4.59	23.56 1.95 -4.25	22.43 1.82 -4.06	27.32 1.75 -8.90	31.83 2.00 -10.77	33.09 2.66 -8.94	36.71 2.63 -12.72	37.34 2.63 -13.35	38.48 2.85 -14.22	40.72 2.62 -16.75	41.33 2.69 -17.27	41.55 2.76 -17.04	45.29 2.79 -19.64	45.33 2.92 -18.65	37.41 2.76 -12.21	39.51 3.08 -10.52	45.23 3.07 -17.02	49.84 3.19 -19.84	48.42 3.48 -15.20	38.23 2.67 -12.95	31.43 2.96 -5.82	28.35 2.89 -4.07	26.43 2.55 -2.60
PPL PILGRIM_ST_GT2 24217	33.47 2.27 -10.94	24.92 2.10 -4.59	23.56 1.95 -4.25	22.43 1.82 -4.06	27.32 1.75 -8.90	31.83 2.00 -10.77	33.09 2.66 -8.94	36.71 2.63 -12.72	37.34 2.63 -13.35	38.48 2.85 -14.22	40.72 2.62 -16.75	41.33 2.69 -17.27	41.55 2.76 -17.04	45.29 2.79 -19.64	45.33 2.92 -18.65	37.41 2.76 -12.21	39.51 3.08 -10.52	45.23 3.07 -17.02	49.84 3.19 -19.84	48.42 3.48 -15.20	38.23 2.67 -12.95	31.43 2.96 -5.82	28.35 2.89 -4.07	26.43 2.55 -2.60
PPL_SHRM_GT3 24213	33.55 2.35 -10.94	25.01 2.19 -4.59	23.67 2.05 -4.25	22.51 1.90 -4.06	27.40 1.83 -8.90	31.94 2.12 -10.77	33.22 2.79 -8.94	36.83 2.74 -12.73	37.49 2.74 -13.39	38.69 3.02 -14.27	40.81 2.71 -16.76	41.44 2.80 -17.28	41.69 2.89 -17.05	45.44 2.93 -19.65	45.46 3.04 -18.65	42.81 2.94 -17.43	43.17 3.34 -13.91	50.07 3.32 -21.61	86.13 3.46 -55.86	83.57 3.78 -50.06	42.96 2.90 -17.45	31.64 3.17 -5.83	28.60 3.12 -4.08	26.64 2.76 -2.60
PPL_SHRM_GT4 24214	33.55 2.35 -10.94	25.01 2.19 -4.59	23.67 2.05 -4.25	22.51 1.90 -4.06	27.40 1.83 -8.90	31.94 2.12 -10.77	33.22 2.79 -8.94	36.83 2.74 -12.73	37.49 2.74 -13.39	38.69 3.02 -14.27	40.81 2.71 -16.76	41.44 2.80 -17.28	41.69 2.89 -17.05	45.44 2.93 -19.65	45.46 3.04 -18.65	42.81 2.94 -17.43	43.17 3.34 -13.91	50.07 3.32 -21.61	86.13 3.46 -55.86	83.57 3.78 -50.06	42.96 2.90 -17.45	31.64 3.17 -5.83	28.60 3.12 -4.08	26.64 2.76 -2.60
PROJECT___ORANGE 1 24174	20.34 0.08 0.00	18.29 0.05 0.00	17.42 0.05 0.00	16.63 0.08 0.00	16.75 0.08 0.00	19.13 0.08 0.00	21.72 0.15 -0.09	21.86 0.15 -0.35	21.89 0.15 -0.37	21.71 0.17 -0.13	21.47 0.13 0.00	21.49 0.13 0.00	21.90 0.15 0.00	23.01 0.14 0.00	23.88 0.12 0.00	22.53 0.07 -0.02	25.99 0.08 0.00	25.43 0.18 -0.11	26.85 0.03 -0.02	29.80 0.00 -0.07	22.95 0.00 -0.33	22.63 -0.02 -0.02	21.40 0.00 0.00	21.36 0.09 0.00
PROJECT___ORANGE 2 24166	20.34 0.08 0.00	18.29 0.05 0.00	17.42 0.05 0.00	16.63 0.08 0.00	16.75 0.08 0.00	19.13 0.08 0.00	21.72 0.15 -0.09	21.86 0.15 -0.35	21.89 0.15 -0.37	21.71 0.17 -0.13	21.47 0.13 0.00	21.49 0.13 0.00	21.90 0.15 0.00	23.01 0.14 0.00	23.88 0.12 0.00	22.53 0.07 -0.02	25.99 0.08 0.00	25.43 0.18 -0.11	26.85 0.03 -0.02	29.80 0.00 -0.07	22.95 0.00 -0.33	22.63 -0.02 -0.02	21.40 0.00 0.00	21.36 0.09 0.00

PUCKETT___SOLAR 323809	20.99 0.73 0.00	18.89 0.66 0.00	17.98 0.61 0.00	17.16 0.61 0.00	17.26 0.60 0.00	19.76 0.71 0.00	22.60 0.80 -0.32	23.43 0.77 -1.30	23.56 0.81 -1.38	22.52 0.64 -0.47	21.98 0.64 0.00	22.11 0.75 0.00	22.58 0.83 0.00	23.69 0.82 0.00	24.64 0.88 0.00	23.29 0.79 -0.06	26.90 0.98 0.00	26.58 1.03 -0.41	27.78 0.91 -0.06	30.85 0.89 -0.22	24.44 0.70 -1.12	23.51 0.81 -0.06	22.21 0.81 0.00	22.08 0.81 0.00
PYRITES___HYD 24023	20.00 -0.26 0.00	18.03 -0.20 0.00	17.20 -0.17 0.00	16.39 -0.15 0.00	16.51 -0.15 0.00	18.91 -0.15 0.00	21.23 -0.26 0.00	21.11 -0.26 0.00	21.09 -0.28 0.00	21.13 -0.28 0.00	21.11 -0.23 0.00	21.11 -0.26 0.00	21.45 -0.30 0.00	22.64 -0.23 0.00	23.55 -0.21 0.00	22.24 -0.20 0.00	25.68 -0.23 0.00	24.89 -0.25 0.00	26.60 -0.21 0.00	29.50 -0.24 0.00	22.43 -0.18 0.00	22.53 -0.11 0.00	21.29 -0.11 0.00	21.23 -0.04 0.00
QUAKERRD_115KV_BK1 80622	19.82 -0.45 0.00	17.81 -0.42 0.00	16.97 -0.40 0.00	16.21 -0.33 0.00	16.30 -0.37 0.00	18.58 -0.48 0.00	21.27 -0.32 -0.10	21.36 -0.43 -0.43	21.26 -0.56 -0.45	21.26 -0.30 -0.16	20.85 -0.49 0.00	20.89 -0.47 0.00	21.32 -0.44 0.00	22.39 -0.48 0.00	23.24 -0.52 0.00	22.10 -0.36 -0.02	25.35 -0.57 0.00	25.00 -0.28 -0.14	26.27 -0.56 -0.02	29.28 -0.54 -0.08	22.61 -0.41 -0.40	22.14 -0.52 -0.02	20.90 -0.49 0.00	20.79 -0.49 0.00
QUENSBRY_115KV_TB8 356137	21.82 1.56 0.00	19.58 1.35 0.00	18.60 1.23 0.00	17.70 1.16 0.00	17.98 1.32 0.00	20.66 1.60 0.00	25.46 1.85 -2.13	29.95 1.92 -6.67	30.22 1.92 -6.93	27.67 2.01 -4.25	26.92 2.07 -3.51	26.77 2.09 -3.32	26.38 1.91 -2.71	27.46 1.97 -2.62	27.76 2.07 -1.93	27.81 1.93 -3.43	29.74 2.15 -1.68	33.21 1.99 -6.08	32.17 2.36 -3.00	33.72 2.56 -1.43	30.57 2.08 -5.88	25.75 2.11 -1.01	23.89 1.86 -0.63	22.70 1.43 0.00
RAMAPO___LBMP 323565	21.46 1.20 0.00	19.33 1.09 0.00	18.38 1.01 0.00	17.47 0.93 0.00	17.51 0.85 0.00	20.05 0.99 0.00	26.54 1.42 -3.64	30.85 1.37 -8.12	32.10 1.37 -9.37	32.53 1.33 -9.80	34.15 1.39 -11.42	34.65 1.39 -11.90	32.73 1.44 -9.54	33.77 1.49 -9.41	33.12 1.54 -7.81	35.58 1.50 -11.64	34.78 1.76 -7.10	42.23 1.68 -15.41	39.89 1.77 -11.31	37.52 1.96 -5.82	31.16 1.47 -7.08	27.02 1.52 -2.87	24.88 1.48 -2.00	22.30 1.02 0.00
RANKINE___ 23646	20.45 0.18 0.00	18.42 0.18 0.00	17.56 0.19 0.00	16.71 0.17 0.00	16.75 0.08 0.00	19.06 0.00 0.00	21.15 -0.49 -0.16	20.58 -0.58 0.21	20.64 -0.47 0.25	21.02 -0.62 -0.23	21.21 -0.13 0.00	21.24 -0.13 0.00	21.88 0.13 0.00	22.73 -0.14 0.00	23.60 -0.17 0.00	22.72 0.25 -0.03	25.99 0.08 0.00	25.04 -0.30 -0.21	26.41 -0.43 -0.03	29.17 -0.68 -0.12	22.77 -0.43 -0.59	22.63 -0.05 -0.03	21.63 0.24 0.00	21.60 0.32 0.00
RAVENSWOOD_GT2_1 24244	21.72 1.46 0.00	19.57 1.33 0.00	18.59 1.22 0.00	17.67 1.12 0.00	17.71 1.05 0.00	20.24 1.18 0.00	26.42 1.70 -3.24	30.67 1.67 -7.64	31.89 1.69 -8.84	31.56 1.63 -8.53	32.51 1.71 -9.47	33.03 1.71 -9.96	31.46 1.74 -7.97	32.55 1.81 -7.88	32.24 1.88 -6.60	34.02 1.80 -9.79	33.99 2.05 -6.02	40.15 1.96 -13.05	38.48 2.06 -9.61	37.31 2.29 -5.28	31.03 1.74 -6.67	26.92 1.83 -2.44	24.87 1.82 -1.66	22.55 1.28 0.00
RAVENSWOOD_GT2_2 24245	21.72 1.46 0.00	19.57 1.33 0.00	18.59 1.22 0.00	17.67 1.12 0.00	17.71 1.05 0.00	20.24 1.18 0.00	26.42 1.70 -3.24	30.67 1.67 -7.64	31.89 1.69 -8.84	31.56 1.63 -8.53	32.51 1.71 -9.47	33.03 1.71 -9.96	31.46 1.74 -7.97	32.55 1.81 -7.88	32.24 1.88 -6.60	34.02 1.80 -9.79	33.99 2.05 -6.02	40.15 1.96 -13.05	38.48 2.06 -9.61	37.31 2.29 -5.28	31.03 1.74 -6.67	26.92 1.83 -2.44	24.87 1.82 -1.66	22.55 1.28 0.00
RAVENSWOOD_GT2_3 24246	21.70 1.44 0.00	19.57 1.33 0.00	18.59 1.22 0.00	17.67 1.12 0.00	17.71 1.05 0.00	20.24 1.18 0.00	26.42 1.70 -3.24	30.67 1.67 -7.64	31.89 1.69 -8.84	31.56 1.63 -8.53	32.51 1.71 -9.47	33.03 1.71 -9.96	31.46 1.74 -7.97	32.55 1.81 -7.88	32.24 1.88 -6.60	34.02 1.80 -9.79	33.99 2.05 -6.02	40.15 1.96 -13.05	38.48 2.06 -9.61	37.31 2.29 -5.28	31.03 1.74 -6.67	26.92 1.83 -2.44	24.87 1.82 -1.66	22.55 1.28 0.00
RAVENSWOOD_GT2_4 24247	21.70 1.44 0.00	19.57 1.33 0.00	18.59 1.22 0.00	17.67 1.12 0.00	17.71 1.05 0.00	20.24 1.18 0.00	26.42 1.70 -3.24	30.67 1.67 -7.64	31.89 1.69 -8.84	31.56 1.63 -8.53	32.51 1.71 -9.47	33.03 1.71 -9.96	31.46 1.74 -7.97	32.55 1.81 -7.88	32.24 1.88 -6.60	34.02 1.80 -9.79	33.99 2.05 -6.02	40.15 1.96 -13.05	38.48 2.06 -9.61	37.31 2.29 -5.28	31.03 1.74 -6.67	26.92 1.83 -2.44	24.87 1.82 -1.66	22.55 1.28 0.00
RAVENSWOOD_GT3_1 24248	21.72 1.46 0.00	19.57 1.33 0.00	18.59 1.22 0.00	17.67 1.12 0.00	17.71 1.05 0.00	20.24 1.18 0.00	26.42 1.70 -3.24	30.67 1.67 -7.64	31.89 1.69 -8.84	31.56 1.63 -8.53	32.51 1.71 -9.47	33.03 1.71 -9.96	31.46 1.74 -7.97	32.55 1.81 -7.88	32.24 1.88 -6.60	34.02 1.80 -9.79	33.99 2.05 -6.02	40.15 1.96 -13.05	38.48 2.06 -9.61	37.31 2.29 -5.28	31.03 1.74 -6.67	26.92 1.83 -2.44	24.87 1.82 -1.66	22.55 1.28 0.00
RAVENSWOOD_GT3_2 24249	21.72 1.46 0.00	19.57 1.33 0.00	18.59 1.22 0.00	17.67 1.12 0.00	17.71 1.05 0.00	20.24 1.18 0.00	26.42 1.70 -3.24	30.67 1.67 -7.64	31.89 1.69 -8.84	31.56 1.63 -8.53	32.51 1.71 -9.47	33.03 1.71 -9.96	31.46 1.74 -7.97	32.55 1.81 -7.88	32.24 1.88 -6.60	34.02 1.80 -9.79	33.99 2.05 -6.02	40.15 1.96 -13.05	38.48 2.06 -9.61	37.31 2.29 -5.28	31.03 1.74 -6.67	26.92 1.83 -2.44	24.87 1.82 -1.66	22.55 1.28 0.00
RAVENSWOOD_GT3_3 24250	21.74 1.48 0.00	19.58 1.35 0.00	18.60 1.23 0.00	17.69 1.14 0.00	17.73 1.07 0.00	20.26 1.20 0.00	26.44 1.72 -3.24	30.71 1.71 -7.64	31.93 1.73 -8.84	31.61 1.67 -8.53	32.54 1.73 -9.47	33.05 1.73 -9.96	31.51 1.78 -7.97	32.60 1.85 -7.88	32.27 1.90 -6.60	34.05 1.82 -9.79	34.01 2.07 -6.02	40.18 1.99 -13.05	38.51 2.09 -9.61	37.34 2.32 -5.28	31.07 1.79 -6.67	26.94 1.86 -2.44	24.89 1.84 -1.66	22.57 1.30 0.00
RAVENSWOOD_GT3_4 24251	21.74 1.48 0.00	19.58 1.35 0.00	18.60 1.23 0.00	17.69 1.14 0.00	17.73 1.07 0.00	20.26 1.20 0.00	26.44 1.72 -3.24	30.71 1.71 -7.64	31.93 1.73 -8.84	31.61 1.67 -8.53	32.54 1.73 -9.47	33.05 1.73 -9.96	31.51 1.78 -7.97	32.60 1.85 -7.88	32.27 1.90 -6.60	34.05 1.82 -9.79	34.01 2.07 -6.02	40.18 1.99 -13.05	38.51 2.09 -9.61	37.34 2.32 -5.28	31.07 1.79 -6.67	26.94 1.86 -2.44	24.89 1.84 -1.66	22.57 1.30 0.00
RAVENSWOOD_GT_1 23729	21.83 1.56 -0.01	19.67 1.42 -0.01	18.68 1.30 -0.01	17.76 1.21 -0.01	17.81 1.13 -0.01	20.26 1.20 0.00	26.56 1.83 -3.25	30.81 1.79 -7.65	32.02 1.81 -8.84	31.68 1.73 -8.54	32.57 1.75 -9.47	34.87 1.81 -11.69	32.97 1.87 -9.35	34.88 1.94 -10.06	33.91 2.00 -8.15	34.14 1.91 -9.79	34.12 2.18 -6.03	40.28 2.09 -13.05	38.64 2.22 -9.61	37.41 2.38 -5.29	31.14 1.85 -6.67	27.03 1.95 -2.44	24.96 1.90 -1.66	22.79 1.51 -0.01

RAVENSWOOD_GT_10 24258	21.72 1.46 0.00	19.57 1.33 0.00	18.59 1.22 0.00	17.67 1.12 0.00	17.71 1.05 0.00	20.24 1.18 0.00	26.42 1.70 -3.24	30.67 1.67 -7.64	31.89 1.69 -8.84	31.59 1.65 -8.53	32.51 1.71 -9.47	33.03 1.71 -9.96	31.46 1.74 -7.97	32.55 1.81 -7.88	32.24 1.88 -6.60	34.02 1.80 -9.79	33.99 2.05 -6.02	40.15 1.96 -13.05	38.48 2.06 -9.61	37.31 2.29 -5.28	31.03 1.74 -6.67	26.92 1.83 -2.44	24.87 1.82 -1.66	22.55 1.28 0.00
RAVENSWOOD_GT_11 24259	21.70 1.44 0.00	19.56 1.33 0.00	18.59 1.22 0.00	17.67 1.13 0.00	17.71 1.05 0.00	20.22 1.16 0.00	26.42 1.70 -3.24	30.67 1.67 -7.64	31.89 1.69 -8.84	31.56 1.63 -8.53	32.45 1.64 -9.47	33.03 1.71 -9.96	31.46 1.74 -7.97	32.55 1.81 -7.88	32.24 1.88 -6.60	34.00 1.77 -9.79	33.99 2.05 -6.02	40.18 1.99 -13.05	38.48 2.06 -9.61	37.25 2.23 -5.28	31.02 1.74 -6.67	26.92 1.83 -2.44	24.85 1.80 -1.66	22.66 1.38 0.00
RAVENSWOOD_GT_4 24252	21.70 1.44 0.00	19.55 1.31 0.00	18.57 1.20 0.00	17.65 1.11 0.00	17.70 1.03 0.00	20.24 1.18 0.00	26.42 1.70 -3.24	30.67 1.67 -7.64	31.89 1.69 -8.84	31.56 1.63 -8.53	32.49 1.69 -9.47	33.01 1.69 -9.96	31.46 1.74 -7.97	32.55 1.81 -7.88	32.22 1.85 -6.60	34.00 1.77 -9.79	33.96 2.02 -6.02	40.15 1.96 -13.05	38.48 2.06 -9.61	37.28 2.26 -5.28	31.03 1.74 -6.67	26.92 1.83 -2.44	24.85 1.80 -1.66	22.53 1.26 0.00
RAVENSWOOD_GT_5 24254	21.70 1.44 0.00	19.55 1.31 0.00	18.57 1.20 0.00	17.65 1.11 0.00	17.70 1.03 0.00	20.24 1.18 0.00	26.42 1.70 -3.24	30.67 1.67 -7.64	31.89 1.69 -8.84	31.56 1.63 -8.53	32.49 1.69 -9.47	33.01 1.69 -9.96	31.46 1.74 -7.97	32.55 1.81 -7.88	32.22 1.85 -6.60	34.00 1.77 -9.79	33.96 2.02 -6.02	40.15 1.96 -13.05	38.48 2.06 -9.61	37.28 2.26 -5.28	31.03 1.74 -6.67	26.92 1.83 -2.44	24.85 1.80 -1.66	22.53 1.26 0.00
RAVENSWOOD_GT_6 24253	21.70 1.44 0.00	19.55 1.31 0.00	18.57 1.20 0.00	17.65 1.11 0.00	17.70 1.03 0.00	20.24 1.18 0.00	26.42 1.70 -3.24	30.67 1.67 -7.64	31.89 1.69 -8.84	31.56 1.63 -8.53	32.49 1.69 -9.47	33.01 1.69 -9.96	31.46 1.74 -7.97	32.55 1.81 -7.88	32.22 1.85 -6.60	34.00 1.77 -9.79	33.96 2.02 -6.02	40.15 1.96 -13.05	38.48 2.06 -9.61	37.28 2.26 -5.28	31.03 1.74 -6.67	26.92 1.83 -2.44	24.85 1.80 -1.66	22.53 1.26 0.00
RAVENSWOOD_GT_7 24255	21.70 1.44 0.00	19.55 1.31 0.00	18.57 1.20 0.00	17.65 1.11 0.00	17.70 1.03 0.00	20.24 1.18 0.00	26.42 1.70 -3.24	30.67 1.67 -7.64	31.89 1.69 -8.84	31.56 1.63 -8.53	32.49 1.69 -9.47	33.01 1.69 -9.96	31.46 1.74 -7.97	32.55 1.81 -7.88	32.22 1.85 -6.60	34.00 1.77 -9.79	33.96 2.02 -6.02	40.15 1.96 -13.05	38.48 2.06 -9.61	37.28 2.26 -5.28	31.03 1.74 -6.67	26.92 1.83 -2.44	24.85 1.80 -1.66	22.53 1.26 0.00
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	21.72 1.46 0.00	19.57 1.33 0.00	18.59 1.22 0.00	17.67 1.12 0.00	17.71 1.05 0.00	20.24 1.18 0.00	26.42 1.70 -3.24	30.67 1.67 -7.64	31.89 1.69 -8.84	31.59 1.65 -8.53	32.51 1.71 -9.47	33.03 1.71 -9.96	31.46 1.74 -7.97	32.55 1.81 -7.88	32.24 1.88 -6.60	34.02 1.80 -9.79	33.99 2.05 -6.02	40.15 1.96 -13.05	38.48 2.06 -9.61	37.31 2.29 -5.28	31.03 1.74 -6.67	26.92 1.83 -2.44	24.87 1.82 -1.66	22.55 1.28 0.00
RAVENSWOOD_GT_9 24257	21.72 1.46 0.00	19.57 1.33 0.00	18.59 1.22 0.00	17.67 1.12 0.00	17.71 1.05 0.00	20.24 1.18 0.00	26.42 1.70 -3.24	30.67 1.67 -7.64	31.89 1.69 -8.84	31.59 1.65 -8.53	32.51 1.71 -9.47	33.03 1.71 -9.96	31.46 1.74 -7.97	32.55 1.81 -7.88	32.24 1.88 -6.60	34.02 1.80 -9.79	33.99 2.05 -6.02	40.15 1.96 -13.05	38.48 2.06 -9.61	37.31 2.29 -5.28	31.03 1.74 -6.67	26.92 1.83 -2.44	24.87 1.82 -1.66	22.55 1.28 0.00
RAVENSWOOD___1 23533	21.81 1.54 -0.01	19.65 1.40 -0.01	18.66 1.29 -0.01	17.74 1.19 -0.01	17.79 1.12 -0.01	20.26 1.20 0.00	26.54 1.81 -3.25	30.79 1.77 -7.65	32.00 1.79 -8.84	31.66 1.71 -8.54	32.54 1.73 -9.47	34.87 1.81 -11.69	32.95 1.85 -9.35	34.85 1.92 -10.06	33.88 1.97 -8.15	34.12 1.89 -9.79	34.10 2.15 -6.03	40.28 2.09 -13.05	38.61 2.20 -9.61	37.41 2.38 -5.29	31.14 1.85 -6.67	27.01 1.92 -2.44	24.96 1.90 -1.66	22.77 1.49 -0.01
RAVENSWOOD___2 23534	21.75 1.48 -0.01	19.61 1.37 -0.01	18.63 1.25 -0.01	17.71 1.16 -0.01	17.75 1.08 -0.01	20.22 1.16 0.00	26.47 1.74 -3.25	30.72 1.71 -7.65	31.96 1.75 -8.84	31.62 1.67 -8.54	32.50 1.69 -9.47	34.81 1.75 -11.69	32.91 1.80 -9.35	34.78 1.85 -10.06	33.83 1.92 -8.15	34.08 1.84 -9.79	34.04 2.10 -6.03	40.10 1.91 -13.05	38.51 2.09 -9.61	37.32 2.29 -5.29	31.07 1.79 -6.67	26.96 1.88 -2.44	24.90 1.84 -1.66	22.73 1.45 -0.01
RAVENSWOOD___3 23535	21.70 1.44 0.00	19.56 1.33 0.00	18.59 1.22 0.00	17.67 1.13 0.00	17.71 1.05 0.00	20.22 1.16 0.00	26.42 1.70 -3.24	30.67 1.67 -7.64	31.89 1.69 -8.84	31.54 1.61 -8.53	32.45 1.64 -9.47	33.03 1.71 -9.96	31.46 1.74 -7.97	32.55 1.81 -7.88	32.24 1.88 -6.60	34.00 1.77 -9.79	33.96 2.02 -6.02	40.18 1.99 -13.05	38.48 2.06 -9.61	37.25 2.23 -5.28	31.02 1.74 -6.67	26.92 1.83 -2.44	24.85 1.80 -1.66	22.66 1.38 0.00
RAVENSWOOD___4 23820	21.79 1.52 -0.01	19.63 1.39 -0.01	18.66 1.29 -0.01	17.74 1.19 -0.01	17.77 1.10 -0.01	20.26 1.20 0.00	26.51 1.78 -3.25	30.77 1.75 -7.65	31.98 1.77 -8.84	31.64 1.69 -8.54	32.54 1.73 -9.47	34.85 1.79 -11.69	32.93 1.83 -9.35	34.83 1.90 -10.06	33.88 1.97 -8.15	34.10 1.86 -9.79	34.10 2.15 -6.03	40.26 2.06 -13.05	38.59 2.17 -9.61	37.38 2.35 -5.29	31.11 1.83 -6.67	27.01 1.92 -2.44	24.94 1.88 -1.66	22.75 1.47 -0.01
RCPL_TRUST___DRP 24196	21.72 1.46 0.00	19.58 1.35 0.00	18.60 1.23 0.00	17.67 1.12 0.00	17.71 1.05 0.00	20.24 1.18 0.00	26.44 1.72 -3.24	30.71 1.71 -7.64	31.93 1.73 -8.84	31.61 1.67 -8.53	32.56 1.75 -9.47	33.07 1.75 -9.96	31.51 1.78 -7.97	32.60 1.85 -7.88	32.29 1.92 -6.60	34.05 1.82 -9.79	34.01 2.07 -6.02	40.21 2.01 -13.05	38.51 2.09 -9.61	37.34 2.32 -5.28	31.05 1.76 -6.67	26.94 1.86 -2.44	24.89 1.84 -1.66	22.55 1.28 0.00
RED___ROCHESTER 323720	20.49 0.22 0.00	18.40 0.16 0.00	17.53 0.16 0.00	16.74 0.20 0.00	16.83 0.17 0.00	19.21 0.15 0.00	21.92 0.32 -0.11	22.02 0.21 -0.44	21.92 0.09 -0.47	21.76 0.19 -0.16	21.68 0.34 0.00	21.56 0.19 0.00	22.03 0.28 0.00	23.10 0.23 0.00	23.98 0.21 0.00	22.73 0.27 -0.02	26.05 0.13 0.00	25.56 0.28 -0.15	27.02 0.19 -0.02	30.05 0.24 -0.08	23.26 0.25 -0.40	22.75 0.09 -0.02	21.57 0.17 0.00	21.51 0.23 0.00
REGAN___SOLAR 323812	22.17 1.90 0.00	19.91 1.68 0.00	18.90 1.53 0.00	17.97 1.42 0.00	18.33 1.67 0.00	21.12 2.06 0.00	26.05 2.45 -2.12	30.55 2.52 -6.67	30.88 2.54 -6.98	28.15 2.50 -4.24	27.27 2.50 -3.44	27.18 2.54 -3.28	27.04 2.61 -2.68	28.18 2.72 -2.59	28.65 2.95 -1.94	28.65 2.80 -3.40	31.00 3.39 -1.69	34.12 2.99 -5.99	33.28 3.46 -3.01	34.98 3.72 -1.53	31.34 2.85 -5.87	26.52 2.88 -1.00	24.49 2.48 -0.62	23.32 2.04 0.00

RENSSELAER___COGEN 23796	20.65 0.38 0.00	18.58 0.35 0.00	17.75 0.38 0.00	16.87 0.33 0.00	17.05 0.38 0.00	19.50 0.44 0.00	24.11 0.49 -2.13	28.47 0.51 -6.60	28.76 0.51 -6.88	26.22 0.49 -4.31	25.50 0.51 -3.65	25.39 0.55 -3.47	25.15 0.56 -2.84	26.21 0.59 -2.75	26.42 0.62 -2.04	26.61 0.58 -3.58	28.37 0.67 -1.78	31.96 0.60 -6.22	30.63 0.67 -3.15	31.95 0.71 -1.50	28.97 0.54 -5.81	24.24 0.57 -1.04	22.52 0.47 -0.65	21.51 0.23 0.00
REPUBLIC_115KV_BARTNBRK 55605	22.70 2.43 0.00	20.29 2.06 0.00	19.26 1.89 0.00	18.31 1.77 0.00	18.71 2.05 0.00	21.56 2.50 0.00	26.49 2.88 -2.13	31.00 2.97 -6.67	31.31 3.01 -6.93	28.82 3.17 -4.25	28.10 3.24 -3.51	27.95 3.27 -3.32	27.44 2.98 -2.71	28.56 3.06 -2.62	28.92 3.23 -1.93	28.84 2.96 -3.44	30.99 3.40 -1.68	34.37 3.14 -6.08	33.40 3.59 -3.00	34.99 3.84 -1.42	31.68 3.19 -5.88	26.86 3.21 -1.01	24.87 2.85 -0.63	23.55 2.28 0.00
REVERE_CPFR_DRP 24186	20.79 0.53 0.00	18.73 0.49 0.00	17.84 0.47 0.00	17.04 0.50 0.00	17.15 0.48 0.00	19.61 0.55 0.00	22.24 0.71 -0.05	22.27 0.70 -0.20	22.29 0.70 -0.22	22.21 0.73 -0.07	21.96 0.62 0.00	22.00 0.64 0.00	22.36 0.61 0.00	23.51 0.64 0.00	24.48 0.71 0.00	23.06 0.61 -0.01	26.80 0.88 0.00	26.01 0.80 -0.06	27.76 0.94 -0.01	30.79 1.01 -0.04	23.58 0.77 -0.20	23.40 0.75 -0.01	22.12 0.73 0.00	21.96 0.68 0.00
REYNOLDS_115KV_TB3 80639	20.81 0.55 0.00	18.73 0.49 0.00	17.86 0.49 0.00	16.97 0.43 0.00	17.16 0.50 0.00	19.65 0.59 0.00	24.27 0.64 -2.14	28.62 0.64 -6.62	28.86 0.64 -6.86	26.37 0.66 -4.30	25.71 0.70 -3.67	25.52 0.70 -3.45	25.29 0.72 -2.82	26.35 0.75 -2.73	26.54 0.78 -2.00	26.74 0.74 -3.56	28.50 0.86 -1.73	32.18 0.80 -6.24	30.76 0.86 -3.09	32.05 0.92 -1.39	29.15 0.70 -5.83	24.40 0.72 -1.03	22.68 0.62 -0.66	21.55 0.28 0.00
RIVERBAY____ 323610	21.84 1.58 0.00	19.69 1.46 0.00	18.73 1.35 0.00	17.78 1.24 0.00	17.83 1.17 0.00	20.32 1.26 0.00	26.55 1.85 -3.22	30.80 1.82 -7.63	32.02 1.84 -8.82	31.68 1.76 -8.51	32.61 1.81 -9.45	33.13 1.82 -9.95	31.59 1.87 -7.96	32.66 1.92 -7.87	32.35 2.00 -6.60	34.12 1.91 -9.77	34.10 2.18 -6.01	40.23 2.04 -13.05	38.59 2.17 -9.61	37.44 2.44 -5.27	31.14 1.85 -6.67	27.03 1.95 -2.44	24.98 1.93 -1.66	22.70 1.43 0.00
RIVERSDE_115KV_TB3 55908	20.73 0.47 0.00	18.67 0.44 0.00	17.80 0.43 0.00	16.94 0.40 0.00	17.11 0.45 0.00	19.59 0.53 0.00	24.22 0.60 -2.14	28.57 0.60 -6.61	28.84 0.60 -6.88	26.31 0.60 -4.30	25.65 0.66 -3.64	25.47 0.66 -3.44	25.24 0.67 -2.82	26.30 0.71 -2.72	26.51 0.74 -2.01	26.69 0.70 -3.55	28.47 0.80 -1.75	32.10 0.75 -6.21	30.72 0.80 -3.10	32.04 0.86 -1.44	29.10 0.66 -5.83	24.35 0.68 -1.03	22.63 0.58 -0.65	21.51 0.23 0.00
ROARING___BROOK_WT_PWR 323790	18.99 -1.28 0.00	17.07 -1.17 0.00	16.26 -1.11 0.00	15.48 -1.06 0.00	15.61 -1.05 0.00	17.86 -1.20 0.00	20.20 -1.29 0.00	20.10 -1.26 0.00	20.17 -1.20 0.00	20.25 -1.16 0.00	20.21 -1.13 0.00	20.25 -1.11 0.00	20.66 -1.09 0.00	21.82 -1.05 0.00	22.79 -0.98 0.00	21.59 -0.85 0.00	25.04 -0.88 0.00	24.33 -0.81 0.00	26.01 -0.80 0.00	28.90 -0.83 0.00	21.98 -0.63 0.00	22.00 -0.63 0.00	20.80 -0.60 0.00	20.72 -0.55 0.00
ROCHESRG_115KV_T4 355643	20.26 0.00 0.00	18.22 -0.02 0.00	17.35 -0.02 0.00	16.56 0.02 0.00	16.65 -0.02 0.00	18.98 -0.08 0.00	21.70 0.11 -0.11	21.69 -0.02 -0.35	21.56 -0.17 -0.37	21.68 0.11 -0.16	21.26 -0.09 0.00	21.30 -0.06 0.00	21.77 0.02 0.00	22.82 -0.05 0.00	23.69 -0.07 0.00	22.60 0.13 -0.02	25.86 -0.05 0.00	25.53 0.25 -0.14	26.78 -0.05 -0.02	29.88 0.06 -0.08	23.09 0.07 -0.41	22.62 -0.05 -0.02	21.40 0.00 0.00	21.25 -0.02 0.00
ROCHESTER_9_IC 23652	20.37 0.10 0.00	18.31 0.07 0.00	17.46 0.09 0.00	16.66 0.12 0.00	16.75 0.08 0.00	19.08 0.02 0.00	21.83 0.24 -0.11	21.91 0.11 -0.44	21.79 -0.04 -0.47	21.81 0.24 -0.16	21.38 0.04 0.00	21.45 0.09 0.00	21.92 0.17 0.00	22.98 0.11 0.00	23.83 0.07 0.00	22.75 0.29 -0.02	26.05 0.13 0.00	25.71 0.43 -0.14	26.97 0.13 -0.02	30.09 0.27 -0.08	23.23 0.20 -0.41	22.75 0.09 -0.02	21.52 0.13 0.00	21.38 0.11 0.00
ROCKVIEW_13_KV_LD 356306	21.68 1.42 0.00	19.53 1.29 0.00	18.57 1.20 0.00	17.64 1.09 0.00	17.71 1.05 0.00	20.28 1.22 0.00	26.44 1.72 -3.24	30.67 1.67 -7.64	31.89 1.69 -8.84	31.59 1.65 -8.53	32.54 1.73 -9.47	33.05 1.73 -9.96	31.51 1.78 -7.98	32.58 1.83 -7.88	32.27 1.90 -6.61	34.09 1.86 -9.79	34.07 2.13 -6.02	40.23 2.04 -13.06	38.56 2.14 -9.61	37.40 2.38 -5.28	31.10 1.81 -6.67	26.96 1.88 -2.45	24.83 1.78 -1.66	22.57 1.30 0.00
ROME____115KV_TB2 80656	20.79 0.53 0.00	18.73 0.49 0.00	17.84 0.47 0.00	17.04 0.50 0.00	17.15 0.48 0.00	19.61 0.55 0.00	22.24 0.71 -0.05	22.27 0.70 -0.20	22.29 0.70 -0.22	22.21 0.73 -0.07	21.96 0.62 0.00	22.00 0.64 0.00	22.36 0.61 0.00	23.51 0.64 0.00	24.48 0.71 0.00	23.06 0.61 -0.01	26.80 0.88 0.00	26.01 0.80 -0.06	27.76 0.94 -0.01	30.79 1.01 -0.04	23.58 0.77 -0.20	23.40 0.75 -0.01	22.12 0.73 0.00	21.96 0.68 0.00
ROSETON___1 23587	21.11 0.85 0.00	19.02 0.78 0.00	18.10 0.73 0.00	17.21 0.66 0.00	17.31 0.65 0.00	19.80 0.74 0.00	24.79 0.99 -2.32	28.81 0.94 -6.51	29.53 0.96 -7.21	27.69 0.92 -5.36	27.32 0.94 -5.04	27.56 0.98 -5.22	26.94 1.00 -4.19	28.03 1.03 -4.13	28.23 1.07 -3.40	28.72 1.03 -5.25	30.19 1.19 -3.08	34.05 1.18 -7.73	33.09 1.21 -5.07	34.05 1.34 -2.98	29.35 1.02 -5.72	25.11 1.06 -1.40	23.29 1.01 -0.89	22.06 0.79 0.00
ROSETON___2 23588	21.11 0.85 0.00	19.02 0.78 0.00	18.10 0.73 0.00	17.21 0.66 0.00	17.31 0.65 0.00	19.80 0.74 0.00	24.79 0.99 -2.32	28.81 0.94 -6.51	29.53 0.96 -7.21	27.69 0.92 -5.36	27.32 0.94 -5.04	27.56 0.98 -5.22	26.94 1.00 -4.19	28.03 1.03 -4.13	28.23 1.07 -3.40	28.72 1.03 -5.25	30.19 1.19 -3.08	34.05 1.18 -7.73	33.09 1.21 -5.07	34.05 1.34 -2.98	29.35 1.02 -5.72	25.11 1.06 -1.40	23.29 1.01 -0.89	22.06 0.79 0.00
ROTTDAM_115KV_TB3 80664	21.05 0.79 0.00	18.95 0.71 0.00	18.03 0.66 0.00	17.16 0.61 0.00	17.33 0.67 0.00	19.84 0.78 0.00	24.55 0.95 -2.12	28.97 0.94 -6.67	29.28 0.94 -6.98	26.61 0.96 -4.24	25.78 1.00 -3.44	25.65 1.00 -3.28	25.43 1.00 -2.68	26.49 1.03 -2.59	26.79 1.09 -1.94	26.88 1.03 -3.40	28.80 1.19 -1.69	32.26 1.13 -5.99	31.05 1.23 -3.01	32.61 1.34 -1.53	29.54 1.04 -5.88	24.70 1.06 -1.00	22.95 0.94 -0.62	21.96 0.68 0.00
RUSSELL___1 23602	20.47 0.20 0.00	18.40 0.16 0.00	17.53 0.16 0.00	16.74 0.20 0.00	16.83 0.17 0.00	19.15 0.10 0.00	21.92 0.32 -0.11	22.02 0.21 -0.44	21.90 0.06 -0.47	21.91 0.34 -0.16	21.51 0.17 0.00	21.56 0.19 0.00	22.03 0.28 0.00	23.12 0.25 0.00	23.98 0.21 0.00	22.87 0.40 -0.02	26.20 0.29 0.00	25.86 0.58 -0.14	27.13 0.29 -0.02	30.26 0.45 -0.08	23.36 0.34 -0.41	22.89 0.23 -0.02	21.63 0.24 0.00	21.47 0.19 0.00

RUSSELL___2 23532	20.47 0.20 0.00	18.40 0.16 0.00	17.53 0.16 0.00	16.74 0.20 0.00	16.83 0.17 0.00	19.15 0.10 0.00	21.92 0.32 -0.11	22.02 0.21 -0.44	21.90 0.06 -0.47	21.91 0.34 -0.16	21.51 0.17 0.00	21.56 0.19 0.00	22.03 0.28 0.00	23.12 0.25 0.00	23.98 0.21 0.00	22.87 0.40 -0.02	26.20 0.29 0.00	25.86 0.58 -0.14	27.13 0.29 -0.02	30.26 0.45 -0.08	23.36 0.34 -0.41	22.89 0.23 -0.02	21.63 0.24 0.00	21.47 0.19 0.00
RUSSELL___3 23549	20.47 0.20 0.00	18.40 0.16 0.00	17.53 0.16 0.00	16.74 0.20 0.00	16.83 0.17 0.00	19.15 0.10 0.00	21.92 0.32 -0.11	22.02 0.21 -0.44	21.90 0.06 -0.47	21.91 0.34 -0.16	21.51 0.17 0.00	21.56 0.19 0.00	22.03 0.28 0.00	23.12 0.25 0.00	23.98 0.21 0.00	22.87 0.40 -0.02	26.20 0.29 0.00	25.86 0.58 -0.14	27.13 0.29 -0.02	30.26 0.45 -0.08	23.36 0.34 -0.41	22.89 0.23 -0.02	21.63 0.24 0.00	21.47 0.19 0.00
RUSSELL___4 23556	20.47 0.20 0.00	18.40 0.16 0.00	17.53 0.16 0.00	16.74 0.20 0.00	16.83 0.17 0.00	19.15 0.10 0.00	21.92 0.32 -0.11	22.02 0.21 -0.44	21.90 0.06 -0.47	21.91 0.34 -0.16	21.51 0.17 0.00	21.56 0.19 0.00	22.03 0.28 0.00	23.12 0.25 0.00	23.98 0.21 0.00	22.87 0.40 -0.02	26.20 0.29 0.00	25.86 0.58 -0.14	27.13 0.29 -0.02	30.26 0.45 -0.08	23.36 0.34 -0.41	22.89 0.23 -0.02	21.63 0.24 0.00	21.47 0.19 0.00
RUSSELL___STATION 23914	20.47 0.20 0.00	18.40 0.16 0.00	17.53 0.16 0.00	16.74 0.20 0.00	16.83 0.17 0.00	19.15 0.10 0.00	21.92 0.32 -0.11	22.02 0.21 -0.44	21.90 0.06 -0.47	21.91 0.34 -0.16	21.51 0.17 0.00	21.56 0.19 0.00	22.03 0.28 0.00	23.12 0.25 0.00	23.98 0.21 0.00	22.87 0.40 -0.02	26.20 0.29 0.00	25.86 0.58 -0.14	27.13 0.29 -0.02	30.26 0.45 -0.08	23.36 0.34 -0.41	22.89 0.23 -0.02	21.63 0.24 0.00	21.47 0.19 0.00
S SALMON___HYD 24043	20.63 0.37 0.00	18.56 0.33 0.00	17.68 0.31 0.00	16.91 0.36 0.00	17.03 0.37 0.00	19.44 0.38 0.00	22.05 0.49 -0.07	22.11 0.45 -0.29	22.10 0.43 -0.31	21.92 0.41 -0.11	21.73 0.38 0.00	21.86 0.49 0.00	22.23 0.48 0.00	23.35 0.48 0.00	24.28 0.52 0.00	22.81 0.36 -0.01	26.36 0.44 0.00	25.82 0.58 -0.10	27.33 0.51 -0.01	30.38 0.59 -0.05	23.35 0.48 -0.26	23.11 0.45 -0.01	21.80 0.41 0.00	21.77 0.49 0.00
S.PERRY___115KV_TB1 80734	21.01 0.75 0.00	18.89 0.66 0.00	18.01 0.64 0.00	17.24 0.69 0.00	17.33 0.67 0.00	19.73 0.67 0.00	22.42 0.77 -0.16	25.04 0.79 -2.89	25.19 0.68 -3.14	22.29 0.64 -0.24	21.98 0.64 0.00	21.98 0.62 0.00	22.51 0.76 0.00	23.56 0.69 0.00	24.48 0.71 0.00	23.39 0.92 -0.03	26.98 1.06 0.00	26.48 1.13 -0.21	27.97 1.13 -0.03	31.16 1.31 -0.12	24.23 1.02 -0.60	23.74 1.06 -0.03	22.47 1.07 0.00	22.25 0.98 0.00
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	20.22 -0.04 0.00	18.20 -0.04 0.00	17.35 -0.02 0.00	16.53 -0.02 0.00	16.55 -0.12 0.00	18.85 -0.21 0.00	21.10 -0.54 -0.15	20.41 -0.75 0.21	20.39 -0.73 0.25	20.93 -0.71 -0.22	20.92 -0.43 0.00	20.96 -0.41 0.00	21.58 -0.17 0.00	22.41 -0.46 0.00	23.24 -0.52 0.00	22.43 -0.04 -0.03	25.58 -0.34 0.00	24.86 -0.48 -0.20	26.12 -0.72 -0.03	28.96 -0.89 -0.11	22.60 -0.59 -0.57	22.35 -0.32 -0.03	21.33 -0.06 0.00	21.30 0.02 0.00
SAWYER___23_KV_LOAD 55526	20.22 -0.04 0.00	18.20 -0.04 0.00	17.35 -0.02 0.00	16.53 -0.02 0.00	16.55 -0.12 0.00	18.85 -0.21 0.00	21.10 -0.54 -0.15	20.41 -0.75 0.21	20.39 -0.73 0.25	20.93 -0.71 -0.22	20.92 -0.43 0.00	20.96 -0.41 0.00	21.58 -0.17 0.00	22.41 -0.46 0.00	23.24 -0.52 0.00	22.43 -0.04 -0.03	25.58 -0.34 0.00	24.86 -0.48 -0.20	26.12 -0.72 -0.03	28.96 -0.89 -0.11	22.60 -0.59 -0.57	22.35 -0.32 -0.03	21.33 -0.06 0.00	21.30 0.02 0.00
SELKIRK___I 23801	20.89 0.63 0.00	18.80 0.57 0.00	17.93 0.56 0.00	17.06 0.51 0.00	17.25 0.58 0.00	19.73 0.67 0.00	24.38 0.75 -2.14	28.64 0.73 -6.55	29.04 0.75 -6.92	26.57 0.73 -4.43	25.87 0.75 -3.78	25.85 0.81 -3.68	25.57 0.83 -2.99	26.63 0.85 -2.91	26.90 0.90 -2.23	27.05 0.83 -3.78	28.85 0.96 -1.97	32.33 0.86 -6.34	31.19 0.96 -3.42	32.56 1.04 -1.78	29.17 0.79 -5.77	24.53 0.81 -1.08	22.78 0.71 -0.67	21.79 0.51 0.00
SELKIRK___II 23799	20.77 0.51 0.00	18.69 0.46 0.00	17.82 0.45 0.00	16.96 0.41 0.00	17.11 0.45 0.00	19.57 0.51 0.00	24.21 0.60 -2.12	28.53 0.60 -6.57	28.87 0.60 -6.91	26.35 0.60 -4.34	25.58 0.60 -3.64	25.51 0.64 -3.51	25.26 0.65 -2.86	26.33 0.69 -2.78	26.58 0.71 -2.10	26.73 0.67 -3.62	28.54 0.78 -1.85	32.06 0.73 -6.19	30.83 0.78 -3.24	32.26 0.86 -1.66	29.05 0.66 -5.78	24.36 0.68 -1.04	22.62 0.58 -0.65	21.66 0.38 0.00
SENECA OSWGO___HYD 24041	20.61 0.34 0.00	18.53 0.29 0.00	17.65 0.28 0.00	16.86 0.31 0.00	17.00 0.33 0.00	19.42 0.36 0.00	22.06 0.49 -0.08	22.22 0.53 -0.32	22.26 0.55 -0.34	22.04 0.51 -0.12	21.88 0.53 0.00	21.88 0.51 0.00	22.27 0.52 0.00	23.37 0.50 0.00	24.28 0.52 0.00	22.86 0.40 -0.02	26.43 0.52 0.00	25.93 0.68 -0.11	27.33 0.51 -0.02	30.36 0.56 -0.06	23.36 0.45 -0.29	23.04 0.38 -0.02	21.76 0.36 0.00	21.74 0.47 0.00
SENECA___115KV_TB3 355854	20.49 0.22 0.00	18.45 0.22 0.00	17.60 0.23 0.00	16.74 0.20 0.00	16.76 0.10 0.00	19.08 0.02 0.00	21.17 -0.47 -0.16	20.60 -0.56 0.21	20.68 -0.43 0.25	21.06 -0.58 -0.23	21.26 -0.09 0.00	21.28 -0.09 0.00	21.92 0.17 0.00	22.78 -0.09 0.00	23.62 -0.14 0.00	22.76 0.29 -0.03	26.05 0.13 0.00	25.09 -0.25 -0.21	26.47 -0.38 -0.03	29.23 -0.62 -0.12	22.82 -0.38 -0.59	22.67 0.00 -0.03	21.67 0.28 0.00	21.64 0.36 0.00
SENECA___ENERGY 23797	20.30 0.04 0.00	18.25 0.02 0.00	17.37 0.00 0.00	16.59 0.05 0.00	16.71 0.05 0.00	19.12 0.06 0.00	21.73 0.13 -0.11	22.13 0.15 -0.61	22.17 0.15 -0.66	21.66 0.09 -0.17	21.45 0.11 0.00	21.49 0.13 0.00	21.90 0.15 0.00	22.98 0.11 0.00	23.88 0.12 0.00	22.55 0.09 -0.02	25.99 0.08 0.00	26.08 0.78 -0.16	27.00 0.16 -0.02	29.94 0.12 -0.09	23.16 0.11 -0.43	22.78 0.11 -0.02	21.53 0.13 0.00	21.47 0.19 0.00
SHOEMAKER___GT 23640	21.34 1.07 0.00	19.20 0.97 0.00	18.27 0.90 0.00	17.37 0.83 0.00	17.41 0.75 0.00	19.90 0.84 0.00	18.49 1.18 4.17	17.20 1.11 5.28	16.30 1.11 6.17	9.16 1.07 13.32	2.53 1.09 19.90	2.43 1.13 20.06	6.70 1.15 16.20	8.21 1.21 15.87	12.33 1.26 12.69	4.50 1.21 19.15	15.92 1.40 11.40	2.42 1.41 24.13	10.27 1.42 17.96	24.91 1.60 6.43	19.37 1.20 4.44	19.49 1.27 4.41	19.09 1.22 3.53	22.28 1.00 0.00
SHOEMAKR_138KV_BK 111 55601	21.32 1.05 0.00	19.20 0.97 0.00	18.26 0.89 0.00	17.35 0.81 0.00	17.40 0.73 0.00	19.90 0.84 0.00	16.20 1.18 6.47	13.30 1.11 9.18	11.78 1.11 10.70	2.38 1.09 20.12	-6.65 1.15 29.14	-6.99 1.13 29.48	-0.86 1.17 23.79	0.76 1.21 23.32	6.30 1.26 18.73	-4.55 1.23 28.23	10.50 1.43 16.84	-9.26 1.38 35.78	1.68 1.45 26.57	21.36 1.64 10.01	16.05 1.22 7.79	17.35 1.27 6.55	17.48 1.24 5.16	22.17 0.89 0.00

SHOREHAM_IC_1 23715	33.55 2.35 -10.94	25.01 2.19 -4.59	23.67 2.05 -4.25	22.51 1.90 -4.06	27.40 1.83 -8.90	31.94 2.12 -10.77	33.22 2.79 -8.94	36.83 2.74 -12.73	37.49 2.74 -13.39	38.69 3.02 -14.27	40.81 2.71 -16.76	41.44 2.80 -17.28	41.69 2.89 -17.05	45.44 2.93 -19.65	45.46 3.04 -18.65	42.81 2.94 -17.43	43.17 3.34 -13.91	50.07 3.32 -21.61	86.13 3.46 -55.86	83.57 3.78 -50.06	42.96 2.90 -17.45	31.64 3.17 -5.83	28.60 3.12 -4.08	26.64 2.76 -2.60
SHOREHAM_IC_2 23716	33.55 2.35 -10.94	25.01 2.19 -4.59	23.67 2.05 -4.25	22.51 1.90 -4.06	27.40 1.83 -8.90	31.94 2.12 -10.77	33.22 2.79 -8.94	36.83 2.74 -12.73	37.49 2.74 -13.39	38.69 3.02 -14.27	40.81 2.71 -16.76	41.44 2.80 -17.28	41.69 2.89 -17.05	45.44 2.93 -19.65	45.46 3.04 -18.65	42.81 2.94 -17.43	43.17 3.34 -13.91	50.07 3.32 -21.61	86.13 3.46 -55.86	83.57 3.78 -50.06	42.96 2.90 -17.45	31.64 3.17 -5.83	28.60 3.12 -4.08	26.64 2.76 -2.60
SISSONVILLE____ 23735	19.82 -0.45 0.00	17.85 -0.38 0.00	17.04 -0.33 0.00	16.23 -0.31 0.00	16.36 -0.30 0.00	18.73 -0.32 0.00	21.01 -0.47 0.00	20.91 -0.45 0.00	20.89 -0.47 0.00	20.96 -0.45 0.00	20.94 -0.41 0.00	20.94 -0.43 0.00	21.29 -0.46 0.00	22.46 -0.41 0.00	23.36 -0.40 0.00	22.08 -0.36 0.00	25.45 -0.47 0.00	24.64 -0.50 0.00	26.27 -0.54 0.00	29.14 -0.59 0.00	22.19 -0.43 0.00	22.30 -0.34 0.00	21.12 -0.28 0.00	21.08 -0.19 0.00
SITHE_IND_GS1 24169	19.88 -0.39 0.00	17.87 -0.36 0.00	17.02 -0.35 0.00	16.23 -0.31 0.00	16.35 -0.32 0.00	18.70 -0.36 0.00	21.13 -0.41 -0.05	21.16 -0.43 -0.22	21.17 -0.43 -0.24	21.06 -0.43 -0.08	20.89 -0.45 0.00	20.89 -0.47 0.00	21.27 -0.48 0.00	22.37 -0.50 0.00	23.22 -0.55 0.00	21.94 -0.52 -0.01	25.29 -0.62 0.00	24.60 -0.60 -0.07	26.21 -0.62 -0.01	29.10 -0.68 -0.04	22.31 -0.52 -0.21	22.11 -0.54 -0.01	20.91 -0.49 0.00	20.93 -0.34 0.00
SITHE_IND_GS2 24170	19.88 -0.39 0.00	17.87 -0.36 0.00	17.02 -0.35 0.00	16.23 -0.31 0.00	16.35 -0.32 0.00	18.70 -0.36 0.00	21.13 -0.41 -0.05	21.16 -0.43 -0.22	21.17 -0.43 -0.24	21.06 -0.43 -0.08	20.89 -0.45 0.00	20.89 -0.47 0.00	21.27 -0.48 0.00	22.37 -0.50 0.00	23.22 -0.55 0.00	21.94 -0.52 -0.01	25.29 -0.62 0.00	24.60 -0.60 -0.07	26.21 -0.62 -0.01	29.10 -0.68 -0.04	22.31 -0.52 -0.21	22.11 -0.54 -0.01	20.91 -0.49 0.00	20.93 -0.34 0.00
SITHE_IND_GS3 24171	19.88 -0.39 0.00	17.87 -0.36 0.00	17.02 -0.35 0.00	16.23 -0.31 0.00	16.35 -0.32 0.00	18.70 -0.36 0.00	21.13 -0.41 -0.05	21.16 -0.43 -0.22	21.17 -0.43 -0.24	21.06 -0.43 -0.08	20.89 -0.45 0.00	20.89 -0.47 0.00	21.27 -0.48 0.00	22.37 -0.50 0.00	23.22 -0.55 0.00	21.94 -0.52 -0.01	25.29 -0.62 0.00	24.60 -0.60 -0.07	26.21 -0.62 -0.01	29.10 -0.68 -0.04	22.31 -0.52 -0.21	22.11 -0.54 -0.01	20.91 -0.49 0.00	20.93 -0.34 0.00
SITHE_IND_GS4 24172	19.88 -0.39 0.00	17.87 -0.36 0.00	17.02 -0.35 0.00	16.23 -0.31 0.00	16.35 -0.32 0.00	18.70 -0.36 0.00	21.13 -0.41 -0.05	21.16 -0.43 -0.22	21.17 -0.43 -0.24	21.06 -0.43 -0.08	20.89 -0.45 0.00	20.89 -0.47 0.00	21.27 -0.48 0.00	22.37 -0.50 0.00	23.22 -0.55 0.00	21.94 -0.52 -0.01	25.29 -0.62 0.00	24.60 -0.60 -0.07	26.21 -0.62 -0.01	29.10 -0.68 -0.04	22.31 -0.52 -0.21	22.11 -0.54 -0.01	20.91 -0.49 0.00	20.93 -0.34 0.00
SITHE____BATAVIA 24024	20.63 0.37 0.00	18.54 0.31 0.00	17.67 0.30 0.00	16.86 0.31 0.00	16.90 0.23 0.00	19.27 0.21 0.00	21.72 0.11 -0.13	21.38 -0.06 -0.08	21.29 -0.15 -0.07	21.41 -0.19 -0.19	21.36 0.02 0.00	21.43 0.06 0.00	21.99 0.24 0.00	22.96 0.09 0.00	23.79 0.02 0.00	22.67 0.20 -0.03	25.81 -0.10 0.00	25.42 0.10 -0.18	26.62 -0.22 -0.03	29.44 -0.39 -0.09	23.00 -0.09 -0.48	22.69 0.02 -0.03	21.61 0.21 0.00	21.64 0.36 0.00
SITHE____INDEPEND 23800	19.88 -0.39 0.00	17.87 -0.36 0.00	17.02 -0.35 0.00	16.23 -0.31 0.00	16.35 -0.32 0.00	18.70 -0.36 0.00	21.13 -0.41 -0.05	21.16 -0.43 -0.22	21.17 -0.43 -0.24	21.11 -0.39 -0.08	20.87 -0.47 0.00	20.89 -0.47 0.00	21.27 -0.48 0.00	22.37 -0.50 0.00	23.22 -0.55 0.00	21.89 -0.56 -0.01	25.24 -0.67 0.00	24.56 -0.65 -0.07	26.15 -0.67 -0.01	29.03 -0.74 -0.04	22.24 -0.57 -0.19	22.06 -0.59 -0.01	20.88 -0.51 0.00	20.91 -0.36 0.00
SITHE____MASSENA 23902	19.88 -0.39 0.00	17.89 -0.35 0.00	17.08 -0.30 0.00	16.25 -0.30 0.00	16.36 -0.30 0.00	18.73 -0.32 0.00	20.99 -0.49 0.00	20.89 -0.47 0.00	20.89 -0.47 0.00	20.98 -0.43 0.00	20.94 -0.41 0.00	20.94 -0.43 0.00	21.29 -0.46 0.00	22.46 -0.41 0.00	23.31 -0.45 0.00	22.01 -0.43 0.00	25.42 -0.49 0.00	24.66 -0.48 0.00	26.27 -0.54 0.00	29.20 -0.53 0.00	22.16 -0.45 0.00	22.23 -0.41 0.00	20.99 -0.41 0.00	20.91 -0.36 0.00
SITHE____OGDNSBRG 24021	20.00 -0.26 0.00	18.03 -0.20 0.00	17.20 -0.17 0.00	16.39 -0.15 0.00	16.51 -0.15 0.00	18.89 -0.17 0.00	21.21 -0.28 0.00	21.09 -0.28 0.00	21.09 -0.28 0.00	21.11 -0.30 0.00	21.09 -0.26 0.00	21.09 -0.28 0.00	21.42 -0.33 0.00	22.62 -0.25 0.00	23.50 -0.26 0.00	22.22 -0.22 0.00	25.66 -0.26 0.00	24.89 -0.25 0.00	26.60 -0.21 0.00	29.50 -0.24 0.00	22.46 -0.16 0.00	22.50 -0.14 0.00	21.25 -0.15 0.00	21.21 -0.06 0.00
SITHE____STERLING 23777	20.75 0.49 0.00	18.67 0.44 0.00	17.77 0.40 0.00	16.97 0.43 0.00	17.10 0.43 0.00	19.55 0.49 0.00	22.17 0.62 -0.06	22.22 0.62 -0.24	22.26 0.64 -0.25	22.09 0.60 -0.09	21.88 0.53 0.00	21.94 0.58 0.00	22.29 0.54 0.00	23.44 0.57 0.00	24.38 0.62 0.00	22.99 0.54 -0.01	26.64 0.72 0.00	25.90 0.68 -0.08	27.55 0.72 -0.01	30.58 0.80 -0.04	23.41 0.59 -0.21	23.22 0.57 -0.01	21.93 0.54 0.00	21.85 0.57 0.00
SLEIGHT__34_KV_TB1 80719	20.75 0.49 0.00	18.64 0.40 0.00	17.75 0.38 0.00	16.99 0.45 0.00	17.11 0.45 0.00	19.55 0.50 0.00	22.32 0.73 -0.10	22.58 0.79 -0.43	22.59 0.77 -0.45	22.40 0.83 -0.16	22.11 0.77 0.00	22.15 0.79 0.00	22.55 0.80 0.00	23.69 0.82 0.00	24.59 0.83 0.00	23.18 0.72 -0.02	26.77 0.86 0.00	26.76 1.48 -0.14	27.77 0.94 -0.02	30.86 1.04 -0.08	23.81 0.77 -0.43	23.34 0.68 -0.02	22.02 0.62 0.00	21.89 0.62 0.00
SOUTH CAIRO____GT 23612	21.36 1.09 0.00	19.15 0.91 0.00	18.31 0.94 0.00	17.35 0.81 0.00	17.43 0.77 0.00	19.92 0.86 0.00	24.75 1.05 -2.21	28.76 0.88 -6.52	29.21 0.88 -6.97	27.09 0.92 -4.76	26.59 0.96 -4.29	26.62 1.00 -4.25	26.17 0.98 -3.44	27.31 1.08 -3.36	27.49 1.09 -2.64	27.82 1.05 -4.32	29.48 1.22 -2.35	33.27 1.23 -6.90	32.16 1.37 -3.99	33.51 1.66 -2.11	29.55 1.20 -5.74	25.01 1.18 -1.20	23.08 0.92 -0.76	22.02 0.74 0.00
SOUTH HAMPTN____IC 23720	33.87 2.67 -10.94	25.28 2.46 -4.59	23.93 2.31 -4.25	22.78 2.17 -4.06	27.65 2.08 -8.90	32.23 2.40 -10.77	33.54 3.11 -8.94	37.19 3.10 -12.73	37.87 3.12 -13.39	39.12 3.45 -14.26	41.22 3.12 -16.76	41.87 3.23 -17.28	42.13 3.33 -17.05	45.85 3.34 -19.64	45.89 3.47 -18.65	42.99 3.39 -17.16	43.48 3.83 -13.73	50.31 3.80 -21.37	84.70 3.94 -53.95	82.26 4.31 -48.21	43.13 3.30 -17.21	32.05 3.58 -5.83	28.96 3.49 -4.07	27.00 3.13 -2.60

SOUTHDOWN_115KV_TB1 355954	20.89 0.63 0.00	18.85 0.62 0.00	18.00 0.63 0.00	17.14 0.60 0.00	17.10 0.43 0.00	19.36 0.30 0.00	21.31 -0.34 -0.17	21.37 -0.15 -0.16	21.58 0.06 -0.15	21.38 -0.28 -0.25	21.94 0.60 0.00	22.03 0.66 0.00	22.77 1.02 0.00	23.65 0.78 0.00	24.55 0.78 0.00	23.69 1.21 -0.03	27.21 1.30 0.00	25.91 0.55 -0.22	27.49 0.64 -0.04	30.19 0.33 -0.12	23.56 0.32 -0.63	23.51 0.84 -0.04	22.47 1.07 0.00	22.34 1.06 0.00
SOUTHOLD_69_KV_BK 2 55809	34.20 3.00 -10.94	25.56 2.74 -4.59	24.21 2.59 -4.25	23.02 2.42 -4.06	27.90 2.33 -8.90	32.55 2.73 -10.77	33.91 3.48 -8.94	37.58 3.48 -12.73	38.30 3.55 -13.39	39.18 3.51 -14.26	41.75 3.65 -16.76	42.32 3.67 -17.28	42.60 3.81 -17.05	46.31 3.80 -19.64	46.36 3.94 -18.65	42.99 3.90 -16.64	42.30 4.46 -11.93	49.44 4.30 -20.00	84.95 4.56 -53.58	82.60 5.03 -47.84	41.11 3.82 -14.67	30.86 4.07 -4.15	28.20 3.94 -2.87	25.98 3.40 -1.30
SOUTHOLD___IC 23719	34.20 3.00 -10.94	25.56 2.73 -4.59	24.21 2.59 -4.25	23.02 2.42 -4.06	27.90 2.33 -8.90	32.53 2.71 -10.77	33.91 3.48 -8.94	37.58 3.48 -12.73	38.30 3.55 -13.39	39.57 3.90 -14.26	41.64 3.54 -16.76	42.32 3.68 -17.28	42.60 3.81 -17.05	46.31 3.80 -19.64	46.36 3.95 -18.65	43.48 3.88 -17.16	44.05 4.41 -13.73	50.86 4.35 -21.37	85.31 4.53 -53.97	82.90 4.94 -48.23	43.62 3.80 -17.21	32.52 4.05 -5.83	29.39 3.92 -4.07	27.43 3.55 -2.60
SPIERFLS_115KV_TB 1 80737	21.70 1.44 0.00	19.49 1.26 0.00	18.53 1.16 0.00	17.62 1.08 0.00	17.90 1.23 0.00	20.55 1.49 0.00	25.36 1.74 -2.13	29.80 1.77 -6.67	30.09 1.79 -6.94	27.52 1.86 -4.24	26.77 1.92 -3.51	26.62 1.94 -3.31	26.22 1.76 -2.71	27.30 1.81 -2.62	27.59 1.90 -1.93	27.65 1.77 -3.43	29.56 1.97 -1.68	33.05 1.84 -6.08	32.01 2.20 -3.00	33.52 2.35 -1.43	30.44 1.94 -5.88	25.62 1.97 -1.01	23.76 1.73 -0.63	22.60 1.32 0.00
ST LAWRENCE____ 23600	19.76 -0.51 0.00	17.78 -0.46 0.00	16.95 -0.42 0.00	16.15 -0.40 0.00	16.26 -0.40 0.00	18.60 -0.46 0.00	20.86 -0.62 0.00	20.77 -0.60 0.00	20.77 -0.60 0.00	20.83 -0.58 0.00	20.79 -0.56 0.00	20.77 -0.60 0.00	21.12 -0.63 0.00	22.25 -0.62 0.00	23.12 -0.64 0.00	21.84 -0.60 0.00	25.22 -0.70 0.00	24.46 -0.68 0.00	26.09 -0.72 0.00	28.99 -0.74 0.00	22.01 -0.61 0.00	22.05 -0.59 0.00	20.82 -0.58 0.00	20.75 -0.53 0.00
STATE_CA_115KV_115_LB 55624	20.75 0.49 0.00	18.67 0.44 0.00	17.82 0.45 0.00	16.94 0.40 0.00	17.13 0.47 0.00	19.61 0.55 0.00	24.22 0.60 -2.13	28.60 0.62 -6.62	28.88 0.62 -6.90	26.34 0.64 -4.29	25.63 0.68 -3.60	25.49 0.70 -3.42	25.26 0.72 -2.79	26.33 0.75 -2.70	26.55 0.78 -2.00	26.71 0.74 -3.53	28.52 0.86 -1.74	32.09 0.78 -6.17	30.74 0.83 -3.10	32.10 0.89 -1.48	29.13 0.68 -5.83	24.37 0.70 -1.03	22.64 0.60 -0.65	21.53 0.26 0.00
STATE_ST_34_KV_LOAD 55959	20.65 0.39 0.00	18.56 0.33 0.00	17.68 0.31 0.00	16.89 0.35 0.00	17.03 0.37 0.00	19.46 0.40 0.00	22.13 0.54 -0.11	22.48 0.58 -0.54	22.54 0.60 -0.57	22.17 0.60 -0.16	21.92 0.58 0.00	21.94 0.58 0.00	22.34 0.59 0.00	23.46 0.59 0.00	24.36 0.59 0.00	22.96 0.49 -0.02	26.54 0.62 0.00	26.72 1.43 -0.14	27.56 0.72 -0.03	30.60 0.77 -0.09	23.64 0.57 -0.46	23.23 0.57 -0.03	21.91 0.51 0.00	21.83 0.55 0.00
STATION 5_MISC_HYD 23604	20.39 0.12 0.00	18.33 0.09 0.00	17.46 0.09 0.00	16.66 0.12 0.00	16.75 0.08 0.00	19.12 0.06 0.00	21.83 0.24 -0.11	21.91 0.11 -0.44	21.81 -0.02 -0.47	21.66 0.09 -0.16	21.58 0.24 0.00	21.45 0.09 0.00	21.90 0.15 0.00	22.98 0.11 0.00	23.83 0.07 0.00	22.60 0.14 -0.02	25.89 -0.03 0.00	25.41 0.13 -0.15	26.86 0.03 -0.02	29.87 0.06 -0.08	23.15 0.14 -0.40	22.64 -0.02 -0.02	21.46 0.06 0.00	21.43 0.15 0.00
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	20.43 0.16 0.00	18.36 0.13 0.00	17.49 0.12 0.00	16.73 0.18 0.00	16.83 0.17 0.00	19.19 0.13 0.00	21.89 0.30 -0.11	22.08 0.28 -0.44	22.02 0.19 -0.47	21.93 0.36 -0.16	21.58 0.23 0.00	21.62 0.26 0.00	22.08 0.33 0.00	23.17 0.30 0.00	24.05 0.29 0.00	22.84 0.38 -0.02	26.25 0.34 0.00	25.98 0.70 -0.14	27.18 0.35 -0.02	30.27 0.45 -0.08	23.37 0.34 -0.42	22.91 0.25 -0.02	21.65 0.26 0.00	21.49 0.21 0.00
STA_56_34_KV_BUS2_REV_LBMP_B 345033	20.24 -0.02 0.00	18.20 -0.04 0.00	17.34 -0.03 0.00	16.56 0.02 0.00	16.65 -0.02 0.00	18.96 -0.10 0.00	21.70 0.11 -0.11	21.80 0.00 -0.44	21.70 -0.13 -0.47	21.70 0.13 -0.16	21.28 -0.06 0.00	21.34 -0.02 0.00	21.79 0.04 0.00	22.87 0.00 0.00	23.71 -0.05 0.00	22.62 0.16 -0.02	25.92 0.00 0.00	25.56 0.28 -0.14	26.83 0.00 -0.02	29.91 0.09 -0.08	23.11 0.09 -0.41	22.62 -0.05 -0.02	21.38 -0.02 0.00	21.23 -0.04 0.00
STA_56___34_KV_BUS2 355983	20.24 -0.02 0.00	18.20 -0.04 0.00	17.34 -0.03 0.00	16.56 0.02 0.00	16.65 -0.02 0.00	18.96 -0.10 0.00	21.70 0.11 -0.11	21.80 0.00 -0.44	21.70 -0.13 -0.47	21.70 0.13 -0.16	21.28 -0.06 0.00	21.34 -0.02 0.00	21.79 0.04 0.00	22.87 0.00 0.00	23.71 -0.05 0.00	22.62 0.16 -0.02	25.92 0.00 0.00	25.56 0.28 -0.14	26.83 0.00 -0.02	29.91 0.09 -0.08	23.11 0.09 -0.41	22.62 -0.05 -0.02	21.38 -0.02 0.00	21.23 -0.04 0.00
STA_67___115KV_BK2 355882	20.32 0.06 0.00	18.27 0.04 0.00	17.42 0.05 0.00	16.63 0.08 0.00	16.71 0.05 0.00	19.04 -0.02 0.00	21.79 0.19 -0.11	21.87 0.06 -0.44	21.75 -0.09 -0.47	21.76 0.19 -0.16	21.34 0.00 0.00	21.38 0.02 0.00	21.86 0.11 0.00	22.91 0.05 0.00	23.79 0.02 0.00	22.69 0.22 -0.02	25.97 0.05 0.00	25.63 0.35 -0.14	26.91 0.08 -0.02	30.00 0.18 -0.08	23.18 0.16 -0.41	22.71 0.05 -0.02	21.48 0.09 0.00	21.34 0.06 0.00
STA_7___115KV_9TRANS 80674	20.47 0.20 0.00	18.40 0.16 0.00	17.53 0.16 0.00	16.74 0.20 0.00	16.83 0.17 0.00	19.15 0.10 0.00	21.92 0.32 -0.11	22.02 0.21 -0.44	21.90 0.06 -0.47	21.91 0.34 -0.16	21.51 0.17 0.00	21.56 0.19 0.00	22.03 0.28 0.00	23.12 0.25 0.00	23.98 0.21 0.00	22.87 0.40 -0.02	26.20 0.29 0.00	25.86 0.58 -0.14	27.13 0.29 -0.02	30.26 0.45 -0.08	23.36 0.34 -0.41	22.89 0.23 -0.02	21.63 0.24 0.00	21.47 0.19 0.00
STA_82___115KV_TB1 80780	20.34 0.08 0.00	18.29 0.05 0.00	17.42 0.05 0.00	16.64 0.10 0.00	16.73 0.07 0.00	19.06 0.00 0.00	21.79 0.19 -0.11	21.87 0.06 -0.44	21.77 -0.06 -0.47	21.78 0.21 -0.16	21.36 0.02 0.00	21.41 0.04 0.00	21.88 0.13 0.00	22.94 0.07 0.00	23.81 0.05 0.00	22.71 0.25 -0.02	25.99 0.08 0.00	25.66 0.38 -0.14	26.91 0.08 -0.02	30.03 0.21 -0.08	23.21 0.18 -0.41	22.73 0.07 -0.02	21.48 0.09 0.00	21.34 0.06 0.00
STEEL___WIND 323596	20.51 0.24 0.00	18.45 0.22 0.00	17.58 0.21 0.00	16.73 0.18 0.00	16.75 0.08 0.00	19.14 0.08 0.00	21.17 -0.47 -0.16	20.58 -0.58 0.21	20.68 -0.43 0.25	20.87 -0.77 -0.23	20.83 -0.51 0.00	21.26 -0.11 0.00	21.88 0.13 0.00	22.76 -0.11 0.00	23.60 -0.17 0.00	22.54 0.07 -0.03	25.63 -0.28 0.00	25.22 -0.13 -0.21	26.12 -0.72 -0.03	28.63 -1.22 -0.11	22.50 -0.68 -0.57	22.58 -0.09 -0.03	21.57 0.17 0.00	21.70 0.43 0.00

STEPHTWN_115KV_BK_2 55603	20.85 0.59 0.00	18.74 0.51 0.00	17.89 0.52 0.00	17.01 0.46 0.00	17.21 0.55 0.00	19.71 0.65 0.00	24.35 0.73 -2.13	28.73 0.77 -6.60	29.01 0.77 -6.88	26.52 0.79 -4.31	25.85 0.85 -3.65	25.71 0.88 -3.47	25.48 0.89 -2.84	26.53 0.91 -2.75	26.76 0.95 -2.04	26.92 0.90 -3.58	28.76 1.06 -1.78	32.36 1.01 -6.21	31.03 1.07 -3.15	32.40 1.16 -1.51	29.31 0.88 -5.81	24.56 0.88 -1.04	22.82 0.77 -0.65	21.66 0.38 0.00
STEUBEN_REC_LFGE 323667	20.77 0.51 0.00	18.67 0.44 0.00	17.82 0.45 0.00	17.06 0.51 0.00	17.15 0.48 0.00	19.57 0.51 0.00	21.97 0.28 -0.20	24.03 0.41 -2.26	24.35 0.53 -2.45	22.01 0.30 -0.30	22.00 0.66 0.00	21.98 0.62 0.00	22.58 0.83 0.00	23.60 0.73 0.00	24.55 0.78 0.00	23.40 0.92 -0.04	27.03 1.11 0.00	26.16 0.75 -0.27	27.68 0.83 -0.04	30.63 0.74 -0.15	23.96 0.59 -0.76	23.54 0.86 -0.04	22.36 0.96 0.00	22.21 0.94 0.00
STONY__BROOK 24151	33.49 2.29 -10.94	24.94 2.11 -4.59	23.58 1.96 -4.25	22.44 1.84 -4.06	27.33 1.77 -8.90	31.87 2.04 -10.77	33.12 2.69 -8.94	36.73 2.63 -12.74	37.40 2.63 -13.41	38.65 2.96 -14.28	40.73 2.62 -16.76	41.36 2.71 -17.29	41.59 2.78 -17.05	45.29 2.77 -19.65	45.30 2.87 -18.66	44.52 2.85 -19.23	44.23 3.24 -15.07	51.55 3.22 -23.19	98.37 3.35 -68.21	95.37 3.63 -62.00	44.39 2.78 -18.99	31.51 3.03 -5.84	28.50 3.02 -4.08	26.53 2.66 -2.60
STURGEON_POOL_HYD 23609	21.40 1.13 0.00	19.29 1.06 0.00	18.33 0.96 0.00	17.40 0.86 0.00	17.41 0.75 0.00	19.90 0.84 0.00	25.13 1.25 -2.40	28.88 1.11 -6.41	29.70 1.20 -7.14	28.30 1.13 -5.76	28.33 1.22 -5.77	28.54 1.20 -5.98	27.77 1.22 -4.80	28.88 1.28 -4.73	28.97 1.31 -3.90	29.70 1.30 -5.96	30.93 1.48 -3.53	35.14 1.48 -8.52	34.10 1.53 -5.76	34.75 1.78 -3.23	29.46 1.22 -5.62	25.55 1.36 -1.56	23.67 1.26 -1.01	22.19 0.91 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	21.38 1.11 0.00	19.24 1.00 0.00	18.31 0.94 0.00	17.39 0.84 0.00	17.43 0.77 0.00	19.94 0.88 0.00	26.23 1.27 -3.48	30.31 1.20 -7.75	31.49 1.20 -8.93	31.96 1.18 -9.37	33.53 1.24 -10.95	33.98 1.22 -11.40	32.16 1.26 -9.15	33.21 1.33 -9.01	32.61 1.38 -7.47	34.93 1.35 -11.14	34.26 1.55 -6.79	41.40 1.48 -14.77	39.21 1.58 -10.82	37.02 1.75 -5.53	30.68 1.31 -6.75	26.74 1.36 -2.75	24.65 1.33 -1.92	22.21 0.94 0.00
SWANROAD_115KV_TB1 355699	19.86 -0.41 0.00	17.89 -0.35 0.00	17.06 -0.31 0.00	16.25 -0.30 0.00	16.28 -0.38 0.00	18.52 -0.53 0.00	20.79 -0.84 -0.14	20.15 -1.13 0.08	20.08 -1.17 0.11	20.57 -1.05 -0.21	20.45 -0.90 0.00	20.47 -0.90 0.00	21.08 -0.67 0.00	21.89 -0.98 0.00	22.72 -1.05 0.00	21.93 -0.54 -0.03	24.96 -0.96 0.00	24.40 -0.93 -0.19	25.55 -1.29 -0.03	28.39 -1.46 -0.11	22.16 -1.00 -0.54	21.88 -0.79 -0.03	20.86 -0.53 0.00	20.83 -0.45 0.00
SYNERGY__BIOGAS 323694	20.63 0.37 0.00	18.54 0.31 0.00	17.67 0.30 0.00	16.86 0.31 0.00	16.90 0.23 0.00	19.27 0.21 0.00	21.72 0.11 -0.13	21.38 -0.06 -0.08	21.29 -0.15 -0.07	21.41 -0.19 -0.19	21.36 0.02 0.00	21.43 0.06 0.00	21.99 0.24 0.00	22.96 0.09 0.00	23.79 0.02 0.00	22.67 0.20 -0.03	25.81 -0.10 0.00	25.42 0.10 -0.18	26.62 -0.22 -0.03	29.44 -0.39 -0.09	23.00 -0.09 -0.48	22.69 0.02 -0.03	21.61 0.21 0.00	21.64 0.36 0.00
SYRACUSE__ENERGY_ST1 323597	20.43 0.16 0.00	18.36 0.13 0.00	17.49 0.12 0.00	16.71 0.17 0.00	16.83 0.17 0.00	19.23 0.17 0.00	21.83 0.26 -0.09	22.00 0.28 -0.36	22.02 0.28 -0.38	21.86 0.32 -0.13	21.60 0.26 0.00	21.62 0.26 0.00	22.01 0.26 0.00	23.12 0.25 0.00	24.02 0.26 0.00	22.62 0.16 -0.02	26.12 0.21 0.00	26.03 0.78 -0.11	27.10 0.27 -0.02	30.11 0.30 -0.07	23.19 0.20 -0.37	22.84 0.18 -0.02	21.57 0.17 0.00	21.53 0.26 0.00
SYRACUSE__ENERGY_ST2 323598	20.43 0.16 0.00	18.36 0.13 0.00	17.49 0.12 0.00	16.71 0.17 0.00	16.83 0.17 0.00	19.23 0.17 0.00	21.83 0.26 -0.09	22.00 0.28 -0.36	22.02 0.28 -0.38	21.86 0.32 -0.13	21.60 0.26 0.00	21.62 0.26 0.00	22.01 0.26 0.00	23.12 0.25 0.00	24.02 0.26 0.00	22.62 0.16 -0.02	26.12 0.21 0.00	26.03 0.78 -0.11	27.10 0.27 -0.02	30.11 0.30 -0.07	23.19 0.20 -0.37	22.84 0.18 -0.02	21.57 0.17 0.00	21.53 0.26 0.00
SYRACUSE__POWER 24017	20.39 0.12 0.00	18.33 0.09 0.00	17.46 0.09 0.00	16.66 0.12 0.00	16.78 0.12 0.00	19.17 0.11 0.00	21.78 0.19 -0.10	21.96 0.19 -0.41	22.01 0.21 -0.43	21.79 0.24 -0.15	21.53 0.19 0.00	21.56 0.19 0.00	21.97 0.22 0.00	23.05 0.18 0.00	23.95 0.19 0.00	22.57 0.11 -0.02	26.10 0.18 0.00	25.60 0.33 -0.13	26.94 0.11 -0.02	29.93 0.12 -0.08	23.09 0.09 -0.39	22.73 0.07 -0.02	21.46 0.06 0.00	21.40 0.13 0.00
TALLMAN__138KV_BK151 55660	21.52 1.26 0.00	19.36 1.13 0.00	18.41 1.04 0.00	17.50 0.96 0.00	17.55 0.88 0.00	20.09 1.03 0.00	26.85 1.46 -3.90	31.33 1.41 -8.56	32.65 1.41 -9.88	33.38 1.39 -10.58	35.28 1.45 -12.48	35.78 1.43 -12.98	33.67 1.50 -10.42	34.69 1.56 -10.27	33.88 1.62 -8.51	36.69 1.57 -12.68	35.46 1.81 -7.73	43.65 1.76 -16.75	40.96 1.85 -12.30	38.02 2.05 -6.23	31.60 1.54 -7.45	27.34 1.58 -3.12	25.13 1.54 -2.19	22.34 1.06 0.00
TEALLAVE_115KV_TB7 355573	20.32 0.06 0.00	18.27 0.04 0.00	17.41 0.03 0.00	16.61 0.07 0.00	16.73 0.07 0.00	19.12 0.06 0.00	21.70 0.13 -0.08	21.84 0.13 -0.35	21.86 0.13 -0.37	21.68 0.15 -0.13	21.45 0.11 0.00	21.47 0.11 0.00	21.88 0.13 0.00	22.98 0.11 0.00	23.86 0.10 0.00	22.50 0.04 -0.02	25.97 0.05 0.00	25.43 0.18 -0.11	26.83 0.00 -0.02	29.80 0.00 -0.07	22.94 0.00 -0.33	22.63 -0.02 -0.02	21.38 -0.02 0.00	21.34 0.06 0.00
TELGRAPH_34_KV_EAST 80808	20.30 0.04 0.00	18.27 0.04 0.00	17.42 0.05 0.00	16.61 0.07 0.00	16.65 -0.02 0.00	18.93 -0.13 0.00	21.34 -0.28 -0.13	20.88 -0.49 -0.01	20.80 -0.56 0.01	21.20 -0.41 -0.20	21.02 -0.32 0.00	21.06 -0.30 0.00	21.66 -0.09 0.00	22.55 -0.32 0.00	23.38 -0.38 0.00	22.56 0.09 -0.03	25.71 -0.21 0.00	25.14 -0.18 -0.18	26.36 -0.48 -0.03	29.27 -0.56 -0.10	22.79 -0.34 -0.51	22.46 -0.20 -0.03	21.40 0.00 0.00	21.30 0.02 0.00
TEMPLE__115KV_TB 2 55572	20.34 0.08 0.00	18.29 0.05 0.00	17.42 0.05 0.00	16.63 0.08 0.00	16.75 0.08 0.00	19.13 0.08 0.00	21.72 0.15 -0.09	21.86 0.15 -0.35	21.89 0.15 -0.37	21.71 0.17 -0.13	21.47 0.13 0.00	21.49 0.13 0.00	21.90 0.15 0.00	23.01 0.14 0.00	23.88 0.12 0.00	22.53 0.07 -0.02	25.99 0.08 0.00	25.43 0.18 -0.11	26.85 0.03 -0.02	29.80 0.00 -0.07	22.95 0.00 -0.33	22.63 -0.02 -0.02	21.40 0.00 0.00	21.36 0.09 0.00
TIANA____69_KV_BK 1 55817	33.77 2.57 -10.94	25.19 2.37 -4.59	23.84 2.22 -4.25	22.69 2.08 -4.06	27.57 2.00 -8.90	32.14 2.31 -10.77	33.44 3.01 -8.94	37.06 2.97 -12.73	37.74 2.99 -13.39	38.63 2.95 -14.26	41.15 3.05 -16.76	41.72 3.08 -17.28	42.02 3.22 -17.05	45.72 3.20 -19.64	45.74 3.33 -18.65	42.33 3.25 -16.64	41.55 3.71 -11.93	48.73 3.59 -20.00	84.19 3.81 -53.58	81.76 4.19 -47.83	40.47 3.19 -14.67	30.27 3.49 -4.15	27.67 3.40 -2.87	25.49 2.91 -1.30

TILDEN___115KV_TB1 80814	20.39 0.12 0.00	18.33 0.09 0.00	17.46 0.09 0.00	16.66 0.12 0.00	16.78 0.12 0.00	19.17 0.11 0.00	21.78 0.19 -0.10	21.96 0.19 -0.41	22.01 0.21 -0.43	21.79 0.24 -0.15	21.53 0.19 0.00	21.56 0.19 0.00	21.97 0.22 0.00	23.05 0.18 0.00	23.95 0.19 0.00	22.57 0.11 -0.02	26.10 0.18 0.00	25.60 0.33 -0.13	26.94 0.11 -0.02	29.93 0.12 -0.08	23.09 0.09 -0.39	22.73 0.07 -0.02	21.46 0.06 0.00	21.40 0.13 0.00
TRIGEN___CC 323695	32.86 1.66 -10.94	24.33 1.51 -4.59	23.03 1.41 -4.25	21.92 1.31 -4.06	26.82 1.25 -8.90	31.26 1.43 -10.77	32.34 1.91 -8.94	35.96 1.88 -12.71	36.60 1.90 -13.34	37.46 1.84 -14.21	40.03 1.94 -16.75	40.56 1.92 -17.27	40.77 1.98 -17.04	44.54 2.04 -19.63	44.50 2.09 -18.64	34.80 2.04 -10.32	36.10 2.36 -7.83	41.85 2.26 -14.45	39.20 2.39 -10.01	38.02 2.62 -5.67	33.86 2.01 -9.23	28.87 2.11 -4.13	26.33 2.08 -2.85	24.16 1.60 -1.29
TRINITY__115KV__4 BK 55933	20.69 0.43 0.00	18.62 0.38 0.00	17.77 0.40 0.00	16.89 0.35 0.00	17.08 0.42 0.00	19.55 0.50 0.00	24.15 0.54 -2.13	28.50 0.53 -6.60	28.78 0.53 -6.88	26.27 0.56 -4.30	25.58 0.60 -3.64	25.42 0.60 -3.46	25.18 0.61 -2.82	26.24 0.64 -2.73	26.46 0.67 -2.03	26.63 0.63 -3.56	28.41 0.73 -1.77	32.02 0.68 -6.20	30.67 0.72 -3.14	32.01 0.77 -1.50	29.02 0.59 -5.82	24.28 0.61 -1.03	22.56 0.51 -0.65	21.47 0.19 0.00
UNION___PROCESSING_DRP 323587	20.34 0.08 0.00	18.29 0.05 0.00	17.44 0.07 0.00	16.64 0.10 0.00	16.73 0.07 0.00	19.06 0.00 0.00	21.81 0.21 -0.11	21.89 0.09 -0.45	21.77 -0.06 -0.47	21.79 0.21 -0.16	21.36 0.02 0.00	21.41 0.04 0.00	21.88 0.13 0.00	22.94 0.07 0.00	23.81 0.05 0.00	22.71 0.25 -0.02	26.02 0.10 0.00	25.66 0.38 -0.14	26.94 0.11 -0.02	30.06 0.24 -0.08	23.21 0.18 -0.41	22.73 0.07 -0.02	21.50 0.11 0.00	21.36 0.09 0.00
UPPER HUDSON___HYD 24058	21.70 1.44 0.00	19.49 1.26 0.00	18.53 1.16 0.00	17.62 1.07 0.00	17.90 1.23 0.00	20.55 1.49 0.00	25.35 1.74 -2.13	29.80 1.77 -6.67	30.11 1.81 -6.94	27.50 1.84 -4.24	26.70 1.86 -3.51	26.62 1.94 -3.31	26.22 1.76 -2.71	27.30 1.81 -2.62	27.59 1.90 -1.93	27.65 1.77 -3.43	29.51 1.92 -1.68	32.90 1.68 -6.08	31.95 2.15 -3.00	33.49 2.32 -1.43	30.39 1.90 -5.87	25.57 1.92 -1.01	23.72 1.69 -0.63	22.68 1.40 0.00
UPPER RAQUET___HYD 24056	19.82 -0.45 0.00	17.85 -0.38 0.00	17.04 -0.33 0.00	16.23 -0.31 0.00	16.36 -0.30 0.00	18.73 -0.32 0.00	21.01 -0.47 0.00	20.91 -0.45 0.00	20.89 -0.47 0.00	21.00 -0.41 0.00	20.96 -0.38 0.00	20.94 -0.43 0.00	21.29 -0.46 0.00	22.46 -0.41 0.00	23.36 -0.40 0.00	22.04 -0.40 0.00	25.45 -0.47 0.00	24.59 -0.55 0.00	26.22 -0.59 0.00	29.14 -0.59 0.00	22.10 -0.52 0.00	22.25 -0.38 0.00	21.05 -0.34 0.00	21.00 -0.28 0.00
VALLEY44_115KV_TB2 355964	20.65 0.39 0.00	18.60 0.36 0.00	17.74 0.36 0.00	16.89 0.35 0.00	16.93 0.27 0.00	19.29 0.23 0.00	20.73 -0.92 -0.17	21.08 -0.53 -0.25	21.53 -0.09 -0.25	20.74 -0.92 -0.25	21.58 0.23 0.00	21.58 0.21 0.00	22.27 0.52 0.00	23.14 0.27 0.00	24.05 0.29 0.00	22.95 0.47 -0.03	26.56 0.65 0.00	24.74 -0.63 -0.22	26.44 -0.40 -0.04	28.82 -1.04 -0.13	22.51 -0.75 -0.64	22.72 0.05 -0.04	21.93 0.53 0.00	21.83 0.55 0.00
VALLEY___115KV_TB 1-4 80826	20.18 -0.08 0.00	18.16 -0.07 0.00	17.28 -0.09 0.00	16.44 -0.10 0.00	16.55 -0.12 0.00	18.94 -0.11 0.00	21.40 -0.09 0.00	21.28 -0.09 0.00	21.32 -0.04 0.00	21.43 0.02 0.00	21.32 -0.02 0.00	21.38 0.02 0.00	21.75 0.00 0.00	22.87 0.00 0.00	23.76 0.00 0.00	22.44 0.00 0.00	25.97 0.05 0.00	25.11 -0.03 0.00	26.81 0.00 0.00	29.68 -0.06 0.00	22.55 -0.07 0.00	22.62 -0.02 0.00	21.40 0.00 0.00	21.28 0.00 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	21.48 1.22 0.00	19.35 1.11 0.00	18.40 1.02 0.00	17.55 1.01 0.00	17.63 0.97 0.00	20.18 1.12 0.00	23.33 1.40 -0.45	24.57 1.37 -1.84	24.75 1.39 -2.00	23.51 1.39 -0.70	22.78 1.43 -0.01	22.82 1.41 -0.05	23.20 1.41 -0.03	24.39 1.49 -0.04	25.36 1.54 -0.06	23.99 1.41 -0.14	27.77 1.79 -0.06	27.34 1.61 -0.59	28.83 1.85 -0.17	32.15 1.96 -0.45	25.74 1.49 -1.64	24.23 1.49 -0.10	22.83 1.43 0.00	22.45 1.17 0.00
VISCHER___FERRY HYD 24020	21.05 0.79 0.00	18.94 0.71 0.00	18.07 0.70 0.00	17.17 0.63 0.00	17.36 0.70 0.00	19.88 0.82 0.00	24.60 0.97 -2.15	29.01 0.98 -6.66	29.21 0.98 -6.86	26.66 0.99 -4.27	25.97 0.98 -3.64	25.77 1.03 -3.38	25.57 1.04 -2.78	26.62 1.08 -2.68	26.81 1.12 -1.93	26.99 1.05 -3.49	28.79 1.22 -1.66	32.50 1.13 -6.23	31.06 1.26 -2.99	32.36 1.37 -1.26	29.52 1.04 -5.86	24.70 1.04 -1.02	22.97 0.92 -0.66	21.98 0.70 0.00
V_A_10_SYNC_DSASP 323832	20.00 -0.26 0.00	17.98 -0.26 0.00	17.11 -0.26 0.00	16.31 -0.23 0.00	16.38 -0.28 0.00	18.73 -0.32 0.00	21.44 -0.17 -0.13	20.91 -0.53 -0.08	20.68 -0.75 -0.06	21.04 -0.56 -0.19	21.06 -0.28 0.00	20.79 -0.58 0.00	21.34 -0.41 0.00	22.25 -0.62 0.00	23.10 -0.67 0.00	21.97 -0.49 -0.03	25.04 -0.88 0.00	24.58 -0.73 -0.17	26.03 -0.80 -0.03	28.91 -0.92 -0.09	22.59 -0.50 -0.47	22.01 -0.66 -0.03	21.01 -0.38 0.00	21.00 -0.28 0.00
V_CMM_10_SYNC_DSASP 323787	19.84 -0.43 0.00	17.85 -0.38 0.00	17.02 -0.35 0.00	16.21 -0.33 0.00	16.33 -0.33 0.00	18.70 -0.36 0.00	20.95 -0.54 0.00	20.85 -0.51 0.00	20.85 -0.51 0.00	20.94 -0.47 0.00	20.89 -0.45 0.00	20.87 -0.49 0.00	21.25 -0.50 0.00	22.39 -0.48 0.00	23.24 -0.52 0.00	21.97 -0.47 0.00	25.35 -0.57 0.00	24.61 -0.53 0.00	26.22 -0.59 0.00	29.14 -0.59 0.00	22.07 -0.54 0.00	22.10 -0.54 0.00	20.86 -0.53 0.00	20.81 -0.47 0.00
V_CMP_10_SYNC_DSASP 323788	19.39 -0.87 0.00	17.41 -0.82 0.00	16.68 -0.70 0.00	15.88 -0.66 0.00	16.03 -0.63 0.00	18.39 -0.67 0.00	20.58 -0.90 0.00	20.45 -0.92 0.00	20.45 -0.92 0.00	20.70 -0.71 0.00	20.70 -0.64 0.00	20.64 -0.73 0.00	21.01 -0.74 0.00	22.23 -0.64 0.00	23.12 -0.64 0.00	21.97 -0.47 0.00	25.42 -0.49 0.00	24.76 -0.38 0.00	26.27 -0.54 0.00	29.23 -0.51 0.00	22.12 -0.50 0.00	22.25 -0.38 0.00	20.99 -0.41 0.00	20.93 -0.34 0.00
V_E_10_SYNC_DSASP 323830	21.56 1.30 0.00	19.42 1.18 0.00	18.47 1.10 0.00	17.70 1.16 0.00	17.78 1.12 0.00	20.41 1.35 0.00	23.44 1.65 -0.30	24.43 1.71 -1.35	24.53 1.73 -1.44	23.45 1.58 -0.45	22.79 1.45 0.00	22.92 1.56 0.00	23.32 1.57 0.00	24.52 1.65 0.00	25.52 1.76 0.00	24.07 1.57 -0.06	28.09 2.18 0.00	27.72 2.19 -0.40	29.12 2.25 -0.06	32.39 2.44 -0.21	25.53 1.83 -1.08	24.56 1.86 -0.06	23.11 1.71 0.00	23.02 1.75 0.00
V_F_30_NSYNC___DSASP 323816	21.46 1.20 0.00	19.27 1.04 0.00	18.34 0.97 0.00	17.45 0.91 0.00	17.68 1.02 0.00	20.26 1.20 0.00	25.01 1.40 -2.13	29.46 1.43 -6.67	29.74 1.45 -6.93	27.11 1.46 -4.25	26.34 1.47 -3.53	26.23 1.54 -3.32	25.97 1.50 -2.72	27.03 1.53 -2.63	27.31 1.62 -1.93	27.41 1.53 -3.44	29.33 1.74 -1.67	32.80 1.56 -6.10	31.60 1.80 -3.00	33.10 1.96 -1.40	30.03 1.54 -5.87	25.19 1.54 -1.01	23.40 1.37 -0.63	22.40 1.13 0.00

V_F_30_SYNC_DSASP 323786	20.75 0.49 0.00	18.65 0.42 0.00	17.82 0.45 0.00	16.94 0.40 0.00	17.13 0.47 0.00	19.61 0.55 0.00	24.22 0.60 -2.13	28.60 0.62 -6.62	28.88 0.62 -6.89	26.34 0.64 -4.29	25.63 0.68 -3.61	25.49 0.70 -3.42	25.26 0.72 -2.80	26.31 0.73 -2.71	26.55 0.78 -2.01	26.72 0.74 -3.53	28.52 0.86 -1.75	32.09 0.78 -6.17	30.74 0.83 -3.10	32.11 0.89 -1.48	29.13 0.68 -5.83	24.37 0.70 -1.03	22.64 0.60 -0.65	21.53 0.26 0.00
V_XM_10_SYNC_DSASP 323789	19.39 -0.87 0.00	17.41 -0.82 0.00	16.68 -0.70 0.00	15.88 -0.66 0.00	16.03 -0.63 0.00	18.39 -0.67 0.00	20.58 -0.90 0.00	20.45 -0.92 0.00	20.45 -0.92 0.00	20.70 -0.71 0.00	20.70 -0.64 0.00	20.64 -0.73 0.00	21.01 -0.74 0.00	22.23 -0.64 0.00	23.12 -0.64 0.00	21.97 -0.47 0.00	25.42 -0.49 0.00	24.76 -0.38 0.00	26.27 -0.54 0.00	29.23 -0.51 0.00	22.12 -0.50 0.00	22.25 -0.38 0.00	20.99 -0.41 0.00	20.93 -0.34 0.00
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	21.56 1.30 0.00	19.42 1.19 0.00	18.46 1.09 0.00	17.54 0.99 0.00	17.58 0.92 0.00	20.13 1.07 0.00	26.72 1.53 -3.71	31.08 1.45 -8.26	32.36 1.45 -9.54	32.85 1.43 -10.01	34.52 1.49 -11.68	35.01 1.47 -12.17	33.06 1.54 -9.76	34.10 1.60 -9.63	33.42 1.66 -7.99	35.96 1.62 -11.90	35.04 1.87 -7.26	42.70 1.81 -15.75	40.28 1.90 -11.57	37.79 2.11 -5.94	31.40 1.58 -7.20	27.20 1.63 -2.93	25.03 1.58 -2.05	22.40 1.13 0.00
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	21.72 1.46 0.00	19.58 1.35 0.00	18.60 1.23 0.00	17.67 1.12 0.00	17.71 1.05 0.00	20.24 1.18 0.00	26.44 1.72 -3.24	30.71 1.71 -7.64	31.93 1.73 -8.84	31.61 1.67 -8.53	32.56 1.75 -9.47	33.07 1.75 -9.96	31.51 1.78 -7.97	32.60 1.85 -7.88	32.29 1.92 -6.60	34.05 1.82 -9.79	34.01 2.07 -6.02	40.21 2.01 -13.05	38.51 2.09 -9.61	37.34 2.32 -5.28	31.05 1.76 -6.67	26.94 1.86 -2.44	24.89 1.84 -1.66	22.55 1.28 0.00
W50THST__13_KV_LOAD 356117	21.82 1.56 0.00	19.66 1.42 0.00	18.67 1.30 0.00	17.73 1.19 0.00	17.78 1.12 0.00	20.32 1.26 0.00	26.55 1.83 -3.24	30.84 1.84 -7.64	32.06 1.86 -8.84	31.74 1.80 -8.53	32.69 1.88 -9.47	33.22 1.90 -9.96	31.66 1.94 -7.97	32.76 2.01 -7.88	32.46 2.09 -6.60	34.18 1.95 -9.79	34.17 2.23 -6.02	40.33 2.14 -13.05	38.67 2.25 -9.61	37.49 2.47 -5.28	31.14 1.85 -6.67	27.03 1.95 -2.44	24.98 1.93 -1.66	22.64 1.36 0.00
WADING RIVER_IC_1 23522	33.51 2.31 -10.94	24.97 2.15 -4.59	23.63 2.01 -4.25	22.48 1.87 -4.06	27.37 1.80 -8.90	31.91 2.08 -10.77	33.18 2.75 -8.94	36.79 2.69 -12.73	37.44 2.69 -13.39	38.65 2.97 -14.26	40.77 2.67 -16.76	41.40 2.76 -17.28	41.65 2.85 -17.05	45.37 2.86 -19.64	45.39 2.97 -18.65	42.47 2.87 -17.15	42.91 3.27 -13.72	49.75 3.24 -21.37	84.12 3.38 -53.93	81.62 3.69 -48.19	42.65 2.83 -17.21	31.57 3.10 -5.83	28.53 3.06 -4.07	26.58 2.70 -2.60
WADING RIVER_IC_2 23547	33.51 2.31 -10.94	24.97 2.15 -4.59	23.63 2.01 -4.25	22.48 1.87 -4.06	27.37 1.80 -8.90	31.91 2.08 -10.77	33.18 2.75 -8.94	36.79 2.69 -12.73	37.44 2.69 -13.39	38.65 2.97 -14.26	40.77 2.67 -16.76	41.40 2.76 -17.28	41.65 2.85 -17.05	45.37 2.86 -19.64	45.39 2.97 -18.65	42.47 2.87 -17.15	42.91 3.27 -13.72	49.75 3.24 -21.37	84.12 3.38 -53.93	81.62 3.69 -48.19	42.65 2.83 -17.21	31.57 3.10 -5.83	28.53 3.06 -4.07	26.58 2.70 -2.60
WADING RIVER_IC_3 23601	33.51 2.31 -10.94	24.97 2.15 -4.59	23.63 2.01 -4.25	22.48 1.87 -4.06	27.37 1.80 -8.90	31.91 2.08 -10.77	33.18 2.75 -8.94	36.79 2.69 -12.73	37.44 2.69 -13.39	38.65 2.97 -14.26	40.77 2.67 -16.76	41.40 2.76 -17.28	41.65 2.85 -17.05	45.37 2.86 -19.64	45.39 2.97 -18.65	42.47 2.87 -17.15	42.91 3.27 -13.72	49.75 3.24 -21.37	84.12 3.38 -53.93	81.62 3.69 -48.19	42.65 2.83 -17.21	31.57 3.10 -5.83	28.53 3.06 -4.07	26.58 2.70 -2.60
WALDENNY_12_KV_BK2 80841	20.45 0.18 0.00	18.42 0.18 0.00	17.56 0.19 0.00	16.71 0.17 0.00	16.73 0.07 0.00	19.04 -0.02 0.00	21.17 -0.47 -0.15	20.59 -0.58 0.20	20.66 -0.47 0.24	21.06 -0.58 -0.23	21.21 -0.13 0.00	21.24 -0.13 0.00	21.88 0.13 0.00	22.73 -0.14 0.00	23.57 -0.19 0.00	22.74 0.27 -0.03	25.97 0.05 0.00	25.07 -0.28 -0.20	26.41 -0.43 -0.03	29.20 -0.65 -0.12	22.79 -0.41 -0.58	22.63 -0.05 -0.03	21.61 0.21 0.00	21.57 0.30 0.00
WALDEN__HYDRO 24148	21.50 1.24 0.00	19.35 1.11 0.00	18.40 1.02 0.00	17.47 0.93 0.00	17.50 0.83 0.00	19.99 0.93 0.00	26.36 1.38 -3.49	30.57 1.26 -7.95	31.74 1.26 -9.12	31.93 1.22 -9.30	33.33 1.26 -10.73	33.80 1.28 -11.16	32.01 1.30 -8.95	33.07 1.37 -8.83	32.50 1.43 -7.31	34.76 1.39 -10.93	34.13 1.58 -6.64	41.36 1.63 -14.58	39.07 1.66 -10.60	37.06 1.87 -5.45	30.94 1.40 -6.93	26.82 1.47 -2.71	24.67 1.39 -1.88	22.40 1.13 0.00
WARRENSBURG____ 23737	21.70 1.44 0.00	19.49 1.26 0.00	18.53 1.16 0.00	17.62 1.07 0.00	17.90 1.23 0.00	20.55 1.49 0.00	25.35 1.74 -2.13	29.80 1.77 -6.67	30.11 1.81 -6.94	27.50 1.84 -4.24	26.70 1.86 -3.51	26.62 1.94 -3.31	26.22 1.76 -2.71	27.30 1.81 -2.62	27.59 1.90 -1.93	27.65 1.77 -3.43	29.51 1.92 -1.68	32.90 1.68 -6.08	31.95 2.15 -3.00	33.49 2.32 -1.43	30.39 1.90 -5.87	25.57 1.92 -1.01	23.72 1.69 -0.63	22.68 1.40 0.00
WATERSIDE____6 8 9 23538	21.78 1.52 0.00	19.62 1.39 0.00	18.66 1.29 0.00	17.73 1.19 0.00	17.76 1.10 0.00	20.28 1.22 0.00	26.51 1.78 -3.24	30.76 1.75 -7.64	31.97 1.77 -8.84	31.65 1.71 -8.53	32.60 1.79 -9.47	34.85 1.79 -11.69	32.93 1.83 -9.35	34.83 1.90 -10.06	33.88 1.97 -8.15	34.11 1.89 -9.79	34.09 2.15 -6.02	40.20 2.01 -13.05	38.56 2.14 -9.61	37.40 2.38 -5.28	31.12 1.83 -6.67	27.01 1.92 -2.44	24.94 1.88 -1.66	22.64 1.36 0.00
WATKINRD_115KV_LN8_ILLION 55919	20.28 0.02 0.00	18.25 0.02 0.00	17.37 0.00 0.00	16.54 0.00 0.00	16.65 -0.02 0.00	19.04 -0.02 0.00	21.51 0.02 0.00	21.38 0.02 0.00	21.41 0.04 0.00	21.47 0.06 0.00	21.38 0.04 0.00	21.43 0.06 0.00	21.82 0.07 0.00	22.94 0.07 0.00	23.83 0.07 0.00	22.49 0.04 0.00	26.02 0.10 0.00	25.19 0.05 0.00	26.92 0.11 0.00	29.83 0.09 0.00	22.66 0.05 0.00	22.71 0.07 0.00	21.48 0.09 0.00	21.34 0.06 0.00
WATSON__69_KV_BK 1 55734	33.61 2.41 -10.94	25.01 2.19 -4.59	23.69 2.07 -4.25	22.53 1.92 -4.06	27.43 1.87 -8.90	31.98 2.15 -10.77	33.24 2.81 -8.94	36.87 2.78 -12.73	37.50 2.78 -13.36	38.39 2.74 -14.24	40.95 2.86 -16.75	41.48 2.84 -17.28	41.71 2.91 -17.04	45.48 2.97 -19.64	45.50 3.09 -18.65	38.96 3.01 -13.51	39.24 3.42 -9.90	45.69 3.29 -17.25	62.35 3.51 -32.03	60.58 3.87 -26.98	37.53 2.94 -11.98	29.95 3.17 -4.14	27.39 3.12 -2.86	25.19 2.62 -1.30
WDELAWARE__HYD 323627	21.28 1.01 0.00	19.16 0.93 0.00	18.22 0.85 0.00	17.30 0.76 0.00	17.30 0.63 0.00	19.74 0.69 0.00	23.87 1.12 -1.27	26.36 0.96 -4.03	26.85 0.98 -4.51	25.03 0.92 -2.70	24.25 0.96 -1.94	24.46 0.98 -2.11	24.43 1.00 -1.68	25.59 1.05 -1.67	26.30 1.09 -1.45	25.72 1.08 -2.20	28.50 1.24 -1.34	29.90 1.31 -3.46	30.35 1.31 -2.23	32.99 1.52 -1.74	27.30 1.13 -3.55	24.45 1.18 -0.64	22.87 1.13 -0.34	22.17 0.89 0.00

WEST BABYLON___IC 23714	33.43 2.23 -10.94	24.86 2.04 -4.59	23.53 1.91 -4.25	22.38 1.77 -4.06	27.28 1.72 -8.90	31.79 1.96 -10.77	33.01 2.58 -8.94	36.65 2.56 -12.72	37.27 2.56 -13.34	38.13 2.50 -14.22	40.72 2.63 -16.75	41.24 2.61 -17.27	41.46 2.68 -17.04	45.23 2.72 -19.64	45.26 2.85 -18.64	36.34 2.78 -11.11	37.42 3.16 -8.34	43.36 3.07 -15.15	45.56 3.24 -15.50	44.30 3.57 -10.99	35.27 2.74 -9.92	29.72 2.94 -4.14	27.14 2.89 -2.86	24.98 2.40 -1.30
WEST CANADA___HYD 24049	20.26 0.00 0.00	18.25 0.02 0.00	17.37 0.00 0.00	16.54 0.00 0.00	16.66 0.00 0.00	19.06 0.00 0.00	21.51 0.02 0.00	21.38 0.02 0.00	21.38 0.02 0.00	21.43 0.02 0.00	21.36 0.02 0.00	21.38 0.02 0.00	21.77 0.02 0.00	22.89 0.02 0.00	23.81 0.05 0.00	22.49 0.04 0.00	25.97 0.05 0.00	25.16 0.03 0.00	26.89 0.08 0.00	29.83 0.09 0.00	22.68 0.07 0.00	22.71 0.07 0.00	21.46 0.06 0.00	21.32 0.04 0.00
WESTERN_NY_WIND 24143	20.61 0.34 0.00	18.53 0.29 0.00	17.65 0.28 0.00	16.82 0.28 0.00	16.88 0.22 0.00	19.25 0.19 0.00	21.68 0.06 -0.13	21.31 -0.11 -0.05	21.21 -0.19 -0.04	21.37 -0.24 -0.20	21.32 -0.02 0.00	21.38 0.02 0.00	21.95 0.20 0.00	22.91 0.05 0.00	23.76 0.00 0.00	22.63 0.16 -0.03	25.76 -0.15 0.00	25.37 0.05 -0.18	26.57 -0.27 -0.03	29.39 -0.45 -0.10	22.96 -0.13 -0.48	22.67 0.00 -0.03	21.59 0.19 0.00	21.62 0.34 0.00
WESTOVER___LESR 323668	20.79 0.53 0.00	18.69 0.46 0.00	17.80 0.43 0.00	16.97 0.43 0.00	17.08 0.42 0.00	19.52 0.46 0.00	22.26 0.47 -0.30	23.06 0.45 -1.25	23.18 0.49 -1.32	22.27 0.41 -0.45	21.88 0.53 0.00	21.90 0.53 0.00	22.40 0.65 0.00	23.49 0.62 0.00	24.43 0.67 0.00	23.04 0.54 -0.06	26.62 0.70 0.00	26.03 0.50 -0.39	27.38 0.51 -0.06	30.43 0.48 -0.22	24.08 0.36 -1.10	23.18 0.48 -0.06	21.93 0.53 0.00	21.72 0.45 0.00
WETHRSFD_WT_PWR 323626	20.30 0.04 0.00	18.27 0.04 0.00	17.42 0.05 0.00	16.61 0.07 0.00	16.66 0.00 0.00	19.04 -0.02 0.00	21.23 -0.43 -0.17	19.11 -0.51 1.74	19.01 -0.43 1.93	20.96 -0.71 -0.26	20.87 -0.47 0.00	21.19 -0.17 0.00	21.84 0.09 0.00	22.76 -0.11 0.00	23.64 -0.12 0.00	22.54 0.07 -0.04	25.74 -0.18 0.00	25.35 -0.03 -0.23	26.33 -0.51 -0.04	29.00 -0.86 -0.13	22.77 -0.48 -0.63	22.65 -0.02 -0.04	21.59 0.19 0.00	21.64 0.36 0.00
WHAVSTOR_138KV_BK127 55557	21.50 1.24 0.00	19.36 1.13 0.00	18.40 1.02 0.00	17.49 0.94 0.00	17.55 0.88 0.00	20.07 1.01 0.00	26.63 1.46 -3.69	30.98 1.39 -8.23	32.27 1.41 -9.50	32.71 1.37 -9.93	34.37 1.45 -11.57	34.86 1.43 -12.06	32.91 1.48 -9.68	33.94 1.53 -9.54	33.28 1.59 -7.92	35.79 1.55 -11.80	34.91 1.79 -7.20	42.49 1.73 -15.62	40.10 1.82 -11.47	37.67 2.02 -5.91	31.30 1.52 -7.17	27.11 1.56 -2.91	24.95 1.52 -2.03	22.34 1.06 0.00
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	21.50 1.24 0.00	19.36 1.13 0.00	18.40 1.02 0.00	17.49 0.94 0.00	17.55 0.88 0.00	20.07 1.01 0.00	26.63 1.46 -3.69	30.98 1.39 -8.23	32.27 1.41 -9.50	32.71 1.37 -9.93	34.37 1.45 -11.57	34.86 1.43 -12.06	32.91 1.48 -9.68	33.94 1.53 -9.54	33.28 1.59 -7.92	35.79 1.55 -11.80	34.91 1.79 -7.20	42.49 1.73 -15.62	40.10 1.82 -11.47	37.67 2.02 -5.91	31.30 1.52 -7.17	27.11 1.56 -2.91	24.95 1.52 -2.03	22.34 1.06 0.00
WHITEHAL_115KV_TB1 80871	22.13 1.86 0.00	19.82 1.59 0.00	18.83 1.46 0.00	17.90 1.36 0.00	18.23 1.57 0.00	20.96 1.91 0.00	25.85 2.23 -2.13	30.32 2.29 -6.67	30.60 2.31 -6.93	28.07 2.42 -4.25	27.33 2.48 -3.51	27.18 2.50 -3.32	26.75 2.28 -2.71	27.85 2.36 -2.62	28.16 2.47 -1.93	28.17 2.29 -3.44	30.18 2.59 -1.68	33.64 2.41 -6.08	32.62 2.82 -3.00	34.19 3.03 -1.42	30.98 2.49 -5.88	26.16 2.51 -1.01	24.23 2.20 -0.63	23.00 1.72 0.00
WHITEPLN_13_KV_LOAD 356215	21.70 1.44 0.00	19.53 1.29 0.00	18.57 1.20 0.00	17.64 1.09 0.00	17.73 1.07 0.00	20.32 1.26 0.00	26.51 1.76 -3.27	30.75 1.71 -7.68	31.97 1.73 -8.88	31.72 1.69 -8.62	32.73 1.77 -9.61	33.24 1.77 -10.10	31.67 1.83 -8.09	32.73 1.88 -7.99	32.41 1.95 -6.70	34.25 1.89 -9.93	34.17 2.15 -6.10	40.43 2.06 -13.23	38.72 2.17 -9.73	37.50 2.44 -5.32	31.15 1.83 -6.70	27.02 1.90 -2.48	24.86 1.78 -1.68	22.57 1.30 0.00
WM_FLOYD_69_KV_BK2 356380	33.53 2.33 -10.94	24.97 2.15 -4.59	23.63 2.01 -4.25	22.49 1.89 -4.06	27.38 1.82 -8.90	31.93 2.10 -10.77	33.20 2.77 -8.94	36.81 2.71 -12.73	37.47 2.71 -13.39	38.33 2.65 -14.26	40.85 2.75 -16.76	41.42 2.78 -17.28	41.65 2.85 -17.05	45.40 2.88 -19.64	45.41 2.99 -18.65	42.09 2.92 -16.73	41.22 3.32 -11.99	48.44 3.22 -20.08	84.47 3.43 -54.23	81.98 3.78 -48.46	40.24 2.87 -14.75	29.91 3.12 -4.15	27.35 3.08 -2.87	25.17 2.60 -1.30
WOODARD___115KV_TB2 355635	20.28 0.02 0.00	18.23 0.00 0.00	17.37 0.00 0.00	16.58 0.03 0.00	16.70 0.03 0.00	19.08 0.02 0.00	21.65 0.09 -0.08	21.79 0.09 -0.34	21.81 0.09 -0.36	21.66 0.13 -0.12	21.41 0.06 0.00	21.43 0.06 0.00	21.84 0.09 0.00	22.94 0.07 0.00	23.81 0.05 0.00	22.46 0.00 -0.02	25.92 0.00 0.00	25.47 0.23 -0.11	26.80 -0.03 -0.02	29.77 -0.03 -0.07	22.92 -0.02 -0.33	22.61 -0.05 -0.02	21.35 -0.04 0.00	21.32 0.04 0.00
YORK___WARBASSE 23770	21.88 1.62 0.00	19.71 1.48 0.00	18.73 1.35 0.00	17.78 1.24 0.00	17.83 1.17 0.00	20.32 1.26 0.00	26.55 1.83 -3.24	30.80 1.79 -7.64	32.04 1.84 -8.84	31.71 1.78 -8.53	32.69 1.88 -9.47	34.96 1.90 -11.69	33.04 1.94 -9.35	34.97 2.04 -10.06	34.00 2.09 -8.15	34.23 2.00 -9.79	34.25 2.31 -6.02	40.38 2.19 -13.05	38.75 2.33 -9.61	37.61 2.59 -5.28	31.19 1.90 -6.67	27.08 1.99 -2.44	25.02 1.97 -1.66	22.72 1.45 0.00