

# Day Ahead Market Generator LBMP

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

## Generator Data

10/09/2023

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	16.10	14.69	13.73	13.73	15.03	16.17	25.07	30.11	28.45	24.60	23.77	21.67	20.18	20.20	20.45	21.77	25.05	33.21	40.77	40.31	29.77	25.15	21.33	18.56
24138	1.04	0.81	0.73	0.70	0.71	1.07	1.42	1.79	1.73	1.66	1.49	1.50	1.45	1.53	1.49	1.59	1.72	2.06	2.69	3.09	1.97	1.83	1.63	1.18
	-1.43	-3.12	-3.19	-3.19	-4.49	-0.27	-5.40	-6.95	-6.61	-3.68	-5.11	-2.90	-1.91	-1.48	-2.25	-2.36	-3.35	-7.78	-6.11	0.00	-3.51	-1.72	0.00	0.00
74TH STREET_GT_1	16.09	14.68	13.73	13.73	15.02	16.17	25.04	30.06	28.37	24.48	23.74	21.62	20.14	20.13	20.36	21.72	25.00	32.71	40.77	40.31	29.54	25.04	21.33	18.56
24260	1.02	0.80	0.73	0.70	0.70	1.07	1.39	1.75	1.65	1.62	1.46	1.45	1.41	1.46	1.42	1.53	1.68	2.06	2.69	3.09	1.97	1.84	1.63	1.18
	-1.43	-3.12	-3.19	-3.19	-4.49	-0.27	-5.40	-6.95	-6.61	-3.61	-5.11	-2.90	-1.91	-1.48	-2.23	-2.36	-3.34	-7.28	-6.11	0.00	-3.28	-1.61	0.00	0.00
74TH STREET_GT_2	16.09	14.68	13.73	13.73	15.02	16.17	25.04	30.06	28.37	24.48	23.74	21.62	20.14	20.13	20.36	21.72	25.00	32.71	40.77	40.31	29.54	25.04	21.33	18.56
24261	1.02	0.80	0.73	0.70	0.70	1.07	1.39	1.75	1.65	1.62	1.46	1.45	1.41	1.46	1.42	1.53	1.68	2.06	2.69	3.09	1.97	1.84	1.63	1.18
	-1.43	-3.12	-3.19	-3.19	-4.49	-0.27	-5.40	-6.95	-6.61	-3.61	-5.11	-2.90	-1.91	-1.48	-2.23	-2.36	-3.34	-7.28	-6.11	0.00	-3.28	-1.61	0.00	0.00
ADK HUDSON___FALLS	16.35	15.52	14.62	14.62	16.34	16.17	24.64	26.80	24.29	22.91	20.30	19.47	18.53	18.76	18.81	19.86	22.58	34.06	36.93	40.05	30.47	25.31	21.03	18.42
24011	0.83	0.65	0.59	0.57	0.58	0.98	1.24	1.58	1.43	1.25	1.05	1.02	0.93	0.96	0.90	1.07	1.14	1.50	2.46	2.83	2.04	1.68	1.34	1.04
	-1.89	-4.11	-4.21	-4.20	-5.93	-0.35	-5.15	-3.86	-2.75	-2.40	-2.09	-1.19	-0.78	-0.60	-1.20	-0.96	-1.46	-9.19	-2.50	0.00	-4.15	-2.03	0.00	0.00
ADK RESOURCE___RCVRY	16.41	15.57	14.66	14.66	16.38	16.24	24.75	27.01	24.40	23.09	20.35	19.50	18.49	18.81	18.85	19.94	22.66	34.57	37.15	40.31	30.83	25.53	21.15	18.51
23798	0.89	0.69	0.63	0.61	0.62	1.05	1.35	1.79	1.55	1.37	1.10	1.05	0.89	1.01	0.92	1.14	1.22	1.61	2.69	3.09	2.21	1.81	1.46	1.13
	-1.89	-4.11	-4.21	-4.21	-5.93	-0.35	-5.15	-3.85	-2.75	-2.46	-2.09	-1.18	-0.78	-0.60	-1.22	-0.96	-1.47	-9.59	-2.49	0.00	-4.33	-2.12	0.00	0.00
ADK S GLENS___FALLS	16.35	15.52	14.62	14.62	16.34	16.17	24.64	26.80	24.29	22.91	20.30	19.47	18.53	18.76	18.81	19.86	22.58	34.06	36.93	40.05	30.47	25.31	21.03	18.42
24028	0.83	0.65	0.59	0.57	0.58	0.98	1.24	1.58	1.43	1.25	1.05	1.02	0.93	0.96	0.90	1.07	1.14	1.50	2.46	2.83	2.04	1.68	1.34	1.04
	-1.89	-4.11	-4.21	-4.20	-5.93	-0.35	-5.15	-3.86	-2.75	-2.40	-2.09	-1.19	-0.78	-0.60	-1.20	-0.96	-1.46	-9.19	-2.50	0.00	-4.15	-2.03	0.00	0.00
ADK_NYS___DAM	16.11	15.26	14.37	14.37	16.04	15.90	24.19	26.75	24.32	22.75	20.38	19.42	18.49	18.75	18.91	19.95	22.85	34.02	36.60	39.08	29.86	24.91	20.70	18.14
23527	0.64	0.51	0.47	0.45	0.45	0.73	0.86	1.20	1.02	0.91	0.79	0.78	0.76	0.86	0.87	1.00	1.20	1.36	1.73	1.86	1.38	1.25	1.00	0.76
	-1.83	-3.99	-4.08	-4.08	-5.76	-0.34	-5.08	-4.19	-3.19	-2.59	-2.43	-1.38	-0.91	-0.70	-1.33	-1.12	-1.68	-9.29	-2.90	0.00	-4.19	-2.05	0.00	0.00
AIR_PRODUCTS___DRP	15.67	14.96	14.10	14.12	15.76	15.44	23.57	25.67	23.32	21.97	19.62	18.73	17.95	18.14	18.22	19.20	21.92	32.85	35.27	37.93	28.87	24.03	20.01	17.57
24190	0.19	0.18	0.18	0.18	0.15	0.27	0.26	0.36	0.32	0.29	0.26	0.22	0.30	0.31	0.28	0.36	0.42	0.51	0.67	0.71	0.53	0.45	0.32	0.19
	-1.84	-4.01	-4.11	-4.10	-5.78	-0.34	-5.06	-3.94	-2.89	-2.42	-2.19	-1.25	-0.82	-0.63	-1.23	-1.01	-1.52	-8.96	-2.62	0.00	-4.05	-1.98	0.00	0.00
AKWESSNE_115KV_BK	13.35	10.56	9.63	9.65	9.65	14.52	17.91	20.98	19.75	18.93	16.88	16.97	16.52	16.86	16.44	17.53	19.64	22.84	31.30	36.48	23.78	21.12	19.38	17.08
355683	-0.29	-0.20	-0.19	-0.19	-0.19	-0.31	-0.35	-0.38	-0.36	-0.33	-0.29	-0.29	-0.30	-0.33	-0.27	-0.30	-0.34	-0.54	-0.67	-0.74	-0.51	-0.48	-0.32	-0.30
	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	15.67	14.96	14.10	14.12	15.76	15.44	23.57	25.67	23.32	21.97	19.62	18.73	17.95	18.14	18.22	19.20	21.92	32.85	35.27	37.93	28.87	24.03	20.01	17.57
23571	0.19	0.18	0.18	0.18	0.15	0.27	0.26	0.36	0.32	0.29	0.26	0.22	0.30	0.31	0.28	0.36	0.42	0.51	0.67	0.71	0.53	0.45	0.32	0.19
	-1.84	-4.01	-4.11	-4.10	-5.78	-0.34	-5.06	-3.94	-2.89	-2.42	-2.19	-1.25	-0.82	-0.63	-1.23	-1.01	-1.52	-8.96	-2.62	0.00	-4.05	-1.98	0.00	0.00
ALBANY___2	15.67	14.96	14.10	14.12	15.76	15.44	23.57	25.67	23.32	21.97	19.62	18.73	17.95	18.14	18.22	19.20	21.92	32.85	35.27	37.93	28.87	24.03	20.01	17.57
23572	0.19	0.18	0.18	0.18	0.15	0.27	0.26	0.36	0.32	0.29	0.26	0.22	0.30	0.31	0.28	0.36	0.42	0.51	0.67	0.71	0.53	0.45	0.32	0.19
	-1.84	-4.01	-4.11	-4.10	-5.78	-0.34	-5.06	-3.94	-2.89	-2.42	-2.19	-1.25	-0.82	-0.63	-1.23	-1.01	-1.52	-8.96	-2.62	0.00	-4.05	-1.98	0.00	0.00
ALBANY___3	15.67	14.96	14.10	14.12	15.76	15.44	23.57	25.67	23.32	21.97	19.62	18.73	17.95	18.14	18.22	19.20	21.92	32.85	35.27	37.93	28.87	24.03	20.01	17.57
23573	0.19	0.18	0.18	0.18	0.15	0.27	0.26	0.36	0.32	0.29	0.26	0.22	0.30	0.31	0.28	0.36	0.42	0.51	0.67	0.71	0.53	0.45	0.32	0.19
	-1.84	-4.01	-4.11	-4.10	-5.78	-0.34	-5.06	-3.94	-2.89	-2.42	-2.19	-1.25	-0.82	-0.63	-1.23	-1.01	-1.52	-8.96	-2.62	0.00	-4.05	-1.98	0.00	0.00

ALBANY___4 23574	15.67 0.19 -1.84	14.96 0.18 -4.01	14.10 0.18 -4.11	14.12 0.18 -4.10	15.76 0.15 -5.78	15.44 0.27 -0.34	23.57 0.26 -5.06	25.67 0.36 -3.94	23.32 0.32 -2.89	21.97 0.29 -2.42	19.62 0.26 -2.19	18.73 0.22 -1.25	17.95 0.30 -0.82	18.14 0.31 -0.63	18.22 0.28 -1.23	19.20 0.36 -1.01	21.92 0.42 -1.52	32.85 0.51 -8.96	35.27 0.67 -2.62	37.93 0.71 0.00	28.87 0.53 -4.05	24.03 0.45 -1.98	20.01 0.32 0.00	17.57 0.19 0.00
ALBANY___LFGE 323615	15.79 0.30 -1.85	15.07 0.27 -4.04	14.20 0.25 -4.13	14.21 0.25 -4.13	15.87 0.22 -5.82	15.57 0.39 -0.35	23.76 0.42 -5.09	25.96 0.66 -3.93	23.50 0.52 -2.87	22.20 0.46 -2.48	19.72 0.38 -2.18	18.87 0.36 -1.24	17.97 0.34 -0.81	18.25 0.43 -0.63	18.37 0.42 -1.24	19.35 0.52 -1.00	22.10 0.60 -1.52	33.53 0.73 -9.43	35.57 0.99 -2.61	38.30 1.08 0.00	29.32 0.78 -4.26	24.35 0.67 -2.08	20.18 0.49 0.00	17.73 0.35 0.00
ALCOA_PA_115KV_PL-6C 55860	13.36 -0.27 0.00	10.57 -0.19 0.00	9.63 -0.19 0.00	9.66 -0.18 0.00	9.66 -0.18 0.00	14.52 -0.31 0.00	17.92 -0.33 0.00	21.00 -0.36 0.00	19.77 -0.34 0.00	18.95 -0.31 0.00	16.89 -0.27 0.00	16.99 -0.28 0.00	16.52 -0.30 0.00	16.88 -0.31 0.00	16.44 -0.27 0.00	17.55 -0.29 0.00	19.72 -0.26 0.00	22.91 -0.47 0.00	31.43 -0.54 0.00	36.66 -0.56 0.00	23.85 -0.44 0.00	21.21 -0.39 0.00	19.46 -0.24 0.00	17.17 -0.21 0.00
ALCOA_RYNLDS___DRP 24188	13.36 -0.27 0.00	10.57 -0.19 0.00	9.63 -0.19 0.00	9.66 -0.18 0.00	9.66 -0.18 0.00	14.52 -0.31 0.00	17.92 -0.33 0.00	21.00 -0.36 0.00	19.77 -0.34 0.00	18.95 -0.31 0.00	16.89 -0.27 0.00	16.99 -0.28 0.00	16.52 -0.30 0.00	16.88 -0.31 0.00	16.44 -0.27 0.00	17.55 -0.29 0.00	19.72 -0.26 0.00	22.91 -0.47 0.00	31.43 -0.54 0.00	36.66 -0.56 0.00	23.85 -0.44 0.00	21.21 -0.39 0.00	19.46 -0.24 0.00	17.17 -0.21 0.00
ALCOA___DSASP 323711	13.36 -0.27 0.00	10.57 -0.19 0.00	9.63 -0.19 0.00	9.66 -0.18 0.00	9.66 -0.18 0.00	14.52 -0.31 0.00	17.93 -0.33 0.00	20.89 -0.47 0.00	19.71 -0.40 0.00	18.91 -0.35 0.00	16.89 -0.28 0.00	16.99 -0.28 0.00	16.52 -0.30 0.00	16.88 -0.31 0.00	16.43 -0.28 0.00	17.55 -0.29 0.00	19.72 -0.26 0.00	22.91 -0.47 0.00	31.43 -0.54 0.00	36.66 -0.56 0.00	23.85 -0.44 0.00	21.21 -0.39 0.00	19.46 -0.24 0.00	17.17 -0.21 0.00
ALLEGHENY___COGEN 23514	14.16 0.29 -0.24	11.52 0.24 -0.52	10.60 0.25 -0.54	10.60 0.23 -0.54	10.76 0.18 -0.76	15.31 0.43 -0.04	19.16 0.38 -0.53	25.18 0.43 -3.39	20.39 0.28 0.00	19.25 -0.06 -0.06	17.07 -0.10 0.00	17.18 -0.09 0.00	16.59 -0.24 0.00	16.93 -0.26 0.00	16.53 -0.20 -0.02	17.73 -0.11 0.00	19.88 -0.10 -0.01	24.19 0.44 -0.37	32.74 0.77 0.00	38.38 1.16 0.00	25.08 0.63 -0.17	22.20 0.52 -0.08	19.99 0.30 0.00	17.83 0.45 0.00
ALTAMONT_115KV_TB 2 55880	15.89 0.41 -1.84	15.10 0.32 -4.02	14.23 0.29 -4.11	14.24 0.30 -4.11	15.92 0.29 -5.79	15.64 0.46 -0.34	23.82 0.53 -5.04	25.93 0.68 -3.88	23.55 0.62 -2.81	22.25 0.60 -2.39	19.82 0.52 -2.14	18.98 0.50 -1.21	18.14 0.52 -0.80	18.36 0.55 -0.62	18.45 0.53 -1.21	19.42 0.61 -0.98	22.17 0.70 -1.49	33.18 0.84 -8.97	35.68 1.15 -2.55	38.49 1.27 0.00	29.24 0.90 -4.05	24.38 0.80 -1.98	20.32 0.63 0.00	17.85 0.47 0.00
ALTONA_WT_PWR 323606	12.82 -0.82 0.00	10.24 -0.53 0.00	9.33 -0.49 0.00	9.35 -0.49 0.00	9.34 -0.49 0.00	14.00 -0.83 0.00	17.38 -0.88 0.00	20.30 -1.07 0.00	19.14 -0.96 0.00	18.39 -0.87 0.00	16.41 -0.75 0.00	16.54 -0.72 0.00	16.17 -0.66 0.00	16.57 -0.62 0.00	16.21 -0.50 0.00	17.37 -0.46 0.00	19.72 -0.26 0.00	23.05 -0.33 0.00	31.81 -0.16 0.00	37.11 -0.11 0.00	24.00 -0.29 0.00	21.21 -0.39 0.00	19.40 -0.29 0.00	17.14 -0.24 0.00
AMERICAN_REF_FUEL 24010	13.24 -0.61 -0.22	10.84 -0.40 -0.48	9.94 -0.36 -0.49	9.95 -0.37 -0.49	10.00 -0.52 -0.69	14.24 -0.64 -0.04	17.58 -1.15 -0.48	18.81 -1.82 0.74	18.32 -1.79 0.00	17.40 -1.91 -0.05	15.55 -1.61 0.00	15.76 -1.50 0.00	15.56 -1.26 0.00	15.73 -1.46 0.00	15.26 -1.47 -0.02	16.32 -1.52 0.00	18.10 -1.88 -0.01	21.84 -1.87 -0.34	28.94 -3.04 0.00	33.80 -3.42 0.00	22.54 -1.89 -0.15	20.14 -1.53 -0.07	18.43 -1.26 0.00	16.61 -0.76 0.00
ARKWRIGHT___SUMMIT_WT_PWR 323751	13.31 -0.57 -0.25	10.95 -0.34 -0.54	10.01 -0.35 -0.55	10.01 -0.37 -0.55	10.10 -0.50 -0.77	14.42 -0.46 -0.05	17.70 -1.09 -0.54	19.06 -1.62 0.68	18.76 -1.35 0.00	17.81 -1.50 -0.06	15.88 -1.29 0.00	16.11 -1.16 0.00	15.88 -0.94 0.00	16.01 -1.19 0.00	15.49 -1.24 -0.02	16.60 -1.23 0.00	18.51 -1.48 -0.01	22.49 -1.26 -0.38	29.93 -2.05 0.00	35.10 -2.12 0.00	23.39 -1.07 -0.17	20.84 -0.84 -0.08	18.94 -0.75 0.00	17.07 -0.31 0.00
ARTHUR_KILL_GT_1 23520	16.14 1.06 -1.44	14.72 0.83 -3.12	13.78 0.77 -3.20	13.79 0.76 -3.20	15.02 0.69 -4.50	16.21 1.10 -0.28	24.93 1.28 -5.40	29.93 1.62 -6.94	28.22 1.51 -6.61	24.39 1.46 -3.67	23.58 1.30 -5.10	21.49 1.33 -2.89	19.99 1.26 -1.90	20.00 1.34 -1.47	20.26 1.30 -2.24	21.59 1.41 -2.35	24.88 1.56 -3.34	33.09 1.94 -7.78	40.70 2.62 -6.10	40.12 2.91 0.01	29.52 1.72 -3.51	25.06 1.73 -1.73	21.32 1.62 -0.01	18.67 1.29 -0.01
ARTHUR_KILL_2 23512	16.11 1.04 -1.44	14.70 0.81 -3.12	13.76 0.75 -3.20	13.77 0.74 -3.20	15.00 0.67 -4.50	16.18 1.07 -0.28	24.90 1.24 -5.40	29.86 1.56 -6.94	28.18 1.47 -6.61	24.34 1.40 -3.67	23.54 1.27 -5.10	21.44 1.28 -2.89	19.95 1.23 -1.90	19.97 1.31 -1.47	20.22 1.27 -2.24	21.55 1.37 -2.35	24.84 1.52 -3.34	33.02 1.87 -7.78	40.60 2.53 -6.10	40.01 2.79 0.01	29.47 1.67 -3.51	25.01 1.69 -1.73	21.26 1.56 -0.01	18.64 1.25 -0.01
ARTHUR_KILL_3 23513	15.98 0.91 -1.43	14.61 0.73 -3.12	13.67 0.66 -3.19	13.66 0.63 -3.19	14.96 0.63 -4.49	16.06 0.96 -0.27	24.91 1.26 -5.40	29.89 1.58 -6.95	28.23 1.51 -6.61	24.42 1.48 -3.68	23.60 1.32 -5.11	21.50 1.33 -2.90	20.03 1.30 -1.91	20.03 1.36 -1.48	20.28 1.32 -2.25	21.60 1.41 -2.36	24.87 1.54 -3.35	32.98 1.82 -7.78	40.45 2.37 -6.11	39.94 2.72 0.00	29.57 1.77 -3.51	25.01 1.69 -1.72	21.19 1.50 0.00	18.42 1.04 0.00
ARTHUR_KILL_COGEN 323718	16.14 1.06 -1.44	14.72 0.83 -3.12	13.78 0.77 -3.20	13.79 0.76 -3.20	15.02 0.69 -4.50	16.21 1.10 -0.28	24.93 1.28 -5.40	29.93 1.62 -6.94	28.22 1.51 -6.61	24.39 1.46 -3.67	23.58 1.30 -5.10	21.49 1.33 -2.89	19.99 1.26 -1.90	20.00 1.34 -1.47	20.26 1.30 -2.24	21.59 1.41 -2.35	24.88 1.56 -3.34	33.09 1.94 -7.78	40.70 2.62 -6.10	40.12 2.91 0.01	29.52 1.72 -3.51	25.06 1.73 -1.73	21.32 1.62 -0.01	18.67 1.29 -0.01
ASHOKAN____ 23654	15.94 0.67 -1.64	14.84 0.51 -3.57	13.86 0.39 -3.65	13.88 0.39 -3.65	15.44 0.46 -5.14	15.75 0.61 -0.31	23.82 0.71 -4.86	27.17 1.43 -4.37	24.82 1.19 -3.53	22.94 1.06 -2.63	20.74 0.84 -2.73	19.63 0.81 -1.55	18.48 0.64 -1.02	18.74 0.76 -0.79	18.87 0.75 -1.41	19.95 0.86 -1.26	22.92 1.08 -1.86	32.91 0.98 -8.56	37.45 2.20 -3.27	38.97 1.75 0.00	29.22 1.07 -3.86	24.44 0.95 -1.89	20.44 0.75 0.00	17.94 0.56 0.00

ASTORIA_EAST_ENERGY_CC1 323581	16.01 0.94 -1.44	14.62 0.73 -3.12	13.68 0.67 -3.20	13.67 0.64 -3.20	14.96 0.63 -4.50	16.06 0.96 -0.26	24.88 1.24 -5.39	29.88 1.58 -6.94	28.20 1.49 -6.61	24.39 1.46 -3.67	23.59 1.32 -5.10	21.49 1.33 -2.89	20.02 1.30 -1.90	20.02 1.36 -1.47	20.27 1.32 -2.24	21.61 1.43 -2.35	24.86 1.54 -3.34	32.97 1.82 -7.78	40.44 2.37 -6.10	39.86 2.64 0.01	29.47 1.67 -3.51	24.95 1.64 -1.71	21.16 1.48 0.01	18.45 1.06 -0.01
ASTORIA_EAST_ENERGY_CC2 323582	16.01 0.94 -1.44	14.62 0.73 -3.12	13.68 0.67 -3.20	13.67 0.64 -3.20	14.96 0.63 -4.50	16.06 0.96 -0.26	24.88 1.24 -5.39	29.88 1.58 -6.94	28.20 1.49 -6.61	24.39 1.46 -3.67	23.59 1.32 -5.10	21.49 1.33 -2.89	20.02 1.30 -1.90	20.02 1.36 -1.47	20.27 1.32 -2.24	21.61 1.43 -2.35	24.86 1.54 -3.34	32.97 1.82 -7.78	40.44 2.37 -6.10	39.86 2.64 0.01	29.47 1.67 -3.51	24.95 1.64 -1.71	21.16 1.48 0.01	18.45 1.06 -0.01
ASTORIA_GT2_1 24094	16.01 0.94 -1.43	14.62 0.74 -3.12	13.68 0.67 -3.19	13.68 0.65 -3.19	14.97 0.64 -4.49	16.06 0.98 -0.25	24.89 1.26 -5.38	29.88 1.58 -6.93	28.22 1.51 -6.61	24.34 1.48 -3.60	23.61 1.34 -5.10	21.51 1.35 -2.89	20.03 1.31 -1.90	20.02 1.36 -1.47	20.25 1.32 -2.22	21.61 1.43 -2.35	24.85 1.54 -3.34	32.46 1.82 -7.26	40.48 2.40 -6.11	39.90 2.68 0.00	29.25 1.68 -3.28	24.86 1.66 -1.59	21.17 1.50 0.02	18.44 1.06 0.00
ASTORIA_GT2_2 24095	16.01 0.94 -1.43	14.62 0.74 -3.12	13.68 0.67 -3.19	13.68 0.65 -3.19	14.97 0.64 -4.49	16.06 0.98 -0.25	24.89 1.26 -5.38	29.88 1.58 -6.93	28.22 1.51 -6.61	24.34 1.48 -3.60	23.61 1.34 -5.10	21.51 1.35 -2.89	20.03 1.31 -1.90	20.02 1.36 -1.47	20.25 1.32 -2.22	21.61 1.43 -2.35	24.85 1.54 -3.34	32.46 1.82 -7.26	40.48 2.40 -6.11	39.90 2.68 0.00	29.25 1.68 -3.28	24.86 1.66 -1.59	21.17 1.50 0.02	18.44 1.06 0.00
ASTORIA_GT2_3 24096	16.01 0.94 -1.43	14.62 0.74 -3.12	13.68 0.67 -3.19	13.68 0.65 -3.19	14.97 0.64 -4.49	16.06 0.98 -0.25	24.89 1.26 -5.38	29.88 1.58 -6.93	28.22 1.51 -6.61	24.34 1.48 -3.60	23.61 1.34 -5.10	21.51 1.35 -2.89	20.03 1.31 -1.90	20.02 1.36 -1.47	20.25 1.32 -2.22	21.61 1.43 -2.35	24.85 1.54 -3.34	32.46 1.82 -7.26	40.48 2.40 -6.11	39.90 2.68 0.00	29.25 1.68 -3.28	24.86 1.66 -1.59	21.17 1.50 0.02	18.44 1.06 0.00
ASTORIA_GT2_4 24097	16.01 0.94 -1.43	14.62 0.74 -3.12	13.68 0.67 -3.19	13.68 0.65 -3.19	14.97 0.64 -4.49	16.06 0.98 -0.25	24.89 1.26 -5.38	29.88 1.58 -6.93	28.22 1.51 -6.61	24.34 1.48 -3.60	23.61 1.34 -5.10	21.51 1.35 -2.89	20.03 1.31 -1.90	20.02 1.36 -1.47	20.25 1.32 -2.22	21.61 1.43 -2.35	24.85 1.54 -3.34	32.46 1.82 -7.26	40.48 2.40 -6.11	39.90 2.68 0.00	29.25 1.68 -3.28	24.86 1.66 -1.59	21.17 1.50 0.02	18.44 1.06 0.00
ASTORIA_GT3_1 24098	16.01 0.94 -1.43	14.62 0.74 -3.12	13.68 0.67 -3.19	13.68 0.65 -3.19	14.97 0.64 -4.49	16.06 0.98 -0.25	24.89 1.26 -5.38	29.88 1.58 -6.93	28.22 1.51 -6.61	24.34 1.48 -3.60	23.61 1.34 -5.10	21.51 1.35 -2.89	20.03 1.31 -1.90	20.02 1.36 -1.47	20.25 1.32 -2.22	21.61 1.43 -2.35	24.85 1.54 -3.34	32.46 1.82 -7.26	40.48 2.40 -6.11	39.90 2.68 0.00	29.25 1.68 -3.28	24.86 1.66 -1.59	21.17 1.50 0.02	18.44 1.06 0.00
ASTORIA_GT3_2 24099	16.01 0.94 -1.43	14.62 0.74 -3.12	13.68 0.67 -3.19																					

ASTORIA_GT_10 24110	16.09 1.02 -1.43	14.68 0.80 -3.12	13.73 0.73 -3.19	13.73 0.70 -3.19	15.02 0.70 -4.49	16.15 1.05 -0.27	25.02 1.37 -5.40	30.02 1.71 -6.95	30.19 1.61 -8.47	27.30 1.60 -6.45	28.31 1.42 -9.72	28.31 1.43 -9.61	24.02 1.40 -5.80	23.99 1.44 -5.35	23.31 1.40 -5.20	27.36 1.52 -8.01	27.35 1.66 -5.72	32.64 1.99 -7.28	40.67 2.59 -6.11	40.12 2.90 0.00	29.42 1.85 -3.28	25.02 1.81 -1.61	21.31 1.61 0.00	18.54 1.16 0.00
ASTORIA_GT_11 24225	16.09 1.02 -1.43	14.68 0.80 -3.12	13.73 0.73 -3.19	13.73 0.70 -3.19	15.02 0.70 -4.49	16.15 1.05 -0.27	25.02 1.37 -5.40	30.02 1.71 -6.95	30.19 1.61 -8.47	27.30 1.60 -6.45	28.31 1.42 -9.72	28.31 1.43 -9.61	24.02 1.40 -5.80	23.99 1.44 -5.35	23.31 1.40 -5.20	27.36 1.52 -8.01	27.35 1.66 -5.72	32.64 1.99 -7.28	40.67 2.59 -6.11	40.12 2.90 0.00	29.42 1.85 -3.28	25.02 1.81 -1.61	21.31 1.61 0.00	18.54 1.16 0.00
ASTORIA_GT_12 24226	16.09 1.02 -1.43	14.68 0.80 -3.12	13.73 0.73 -3.19	13.73 0.70 -3.19	15.02 0.70 -4.49	16.15 1.05 -0.27	25.02 1.37 -5.40	30.02 1.71 -6.95	30.19 1.61 -8.47	27.30 1.60 -6.45	28.31 1.42 -9.72	28.31 1.43 -9.61	24.02 1.40 -5.80	23.99 1.44 -5.35	23.31 1.40 -5.20	27.36 1.52 -8.01	27.35 1.66 -5.72	32.64 1.99 -7.28	40.67 2.59 -6.11	40.12 2.90 0.00	29.42 1.85 -3.28	25.02 1.81 -1.61	21.31 1.61 0.00	18.54 1.16 0.00
ASTORIA_GT_13 24227	16.09 1.02 -1.43	14.68 0.80 -3.12	13.73 0.73 -3.19	13.73 0.70 -3.19	15.02 0.70 -4.49	16.15 1.05 -0.27	25.02 1.37 -5.40	30.02 1.71 -6.95	30.19 1.61 -8.47	27.30 1.60 -6.45	28.31 1.42 -9.72	28.31 1.43 -9.61	24.02 1.40 -5.80	23.99 1.44 -5.35	23.31 1.40 -5.20	27.36 1.52 -8.01	27.35 1.66 -5.72	32.64 1.99 -7.28	40.67 2.59 -6.11	40.12 2.90 0.00	29.42 1.85 -3.28	25.02 1.81 -1.61	21.31 1.61 0.00	18.54 1.16 0.00
ASTORIA_GT_5 24106	16.03 0.95 -1.44	14.64 0.75 -3.12	13.70 0.69 -3.20	13.69 0.66 -3.20	14.98 0.65 -4.50	16.09 0.99 -0.26	24.94 1.30 -5.39	29.93 1.62 -6.94	28.26 1.55 -6.61	24.43 1.50 -3.67	23.63 1.36 -5.10	21.54 1.38 -2.89	20.05 1.33 -1.90	20.05 1.39 -1.47	20.30 1.35 -2.24	21.64 1.46 -2.35	24.90 1.58 -3.34	33.02 1.87 -7.78	40.54 2.46 -6.10	39.97 2.75 0.01	29.52 1.72 -3.51	25.00 1.69 -1.71	21.20 1.52 0.01	18.48 1.10 -0.01
ASTORIA_GT_7 24107	16.03 0.95 -1.44	14.64 0.75 -3.12	13.70 0.69 -3.20	13.69 0.66 -3.20	14.98 0.65 -4.50	16.09 0.99 -0.26	24.94 1.30 -5.39	29.93 1.62 -6.94	28.26 1.55 -6.61	24.43 1.50 -3.67	23.63 1.36 -5.10	21.54 1.38 -2.89	20.05 1.33 -1.90	20.05 1.39 -1.47	20.30 1.35 -2.24	21.64 1.46 -2.35	24.90 1.58 -3.34	33.02 1.87 -7.78	40.54 2.46 -6.10	39.97 2.75 0.01	29.52 1.72 -3.51	25.00 1.69 -1.71	21.20 1.52 0.01	18.48 1.10 -0.01
ASTORIA_GT_8 24108	16.02 0.95 -1.43	14.63 0.75 -3.12	13.70 0.69 -3.19	13.69 0.66 -3.19	14.98 0.65 -4.49	16.08 0.99 -0.25	24.93 1.30 -5.38	29.90 1.60 -6.93	28.24 1.53 -6.61	24.38 1.52 -3.60	23.64 1.37 -5.10	21.54 1.38 -2.89	20.05 1.33 -1.90	20.04 1.38 -1.47	20.28 1.35 -2.22	21.64 1.46 -2.35	24.89 1.58 -3.34	32.50 1.87 -7.26	40.55 2.46 -6.11	39.97 2.75 0.00	29.30 1.72 -3.28	24.88 1.68 -1.59	21.19 1.52 0.02	18.47 1.09 0.00
ASTORIA___2 24149	16.01 0.94 -1.44	14.63 0.74 -3.12	13.68 0.67 -3.20	13.68 0.65 -3.20	14.97 0.64 -4.50	16.07 0.98 -0.26	24.90 1.26 -5.39	29.88 1.58 -6.94	28.22 1.51 -6.61	24.41 1.48 -3.67	23.61 1.34 -5.10	21.51 1.35 -2.89	20.02 1.30 -1.90	20.04 1.38 -1.47	20.29 1.34 -2.24	21.61 1.43 -2.35	24.86 1.54 -3.34	32.97 1.82 -7.78	40.48 2.40 -6.10	39.89 2.68 0.01	29.47 1.67 -3.51	24.98 1.66 -1.71	21.18 1.50 0.01	18.45 1.06 -0.01
ASTORIA___3 23516	16.10 1.02 -1.44	14.68 0.80 -3.12	13.74 0.73 -3.20	13.73 0.70 -3.20	15.03 0.70 -4.50	16.16 1.05 -0.28	25.03 1.37 -5.40	30.05 1.73 -6.96	30.21 1.63 -8.47	27.36 1.58 -6.52	28.31 1.42 -9.72	28.31 1.43 -9.61	24.00 1.38 -5.80	23.99 1.44 -5.35	23.35 1.42 -5.22	27.36 1.51 -8.01	27.36 1.66 -5.72	33.15 1.99 -7.79	40.67 2.59 -6.11	40.13 2.91 0.00	29.65 1.84 -3.51	25.14 1.81 -1.73	21.32 1.62 -0.01	18.55 1.16 -0.01
ASTORIA___4 23517	16.09 1.02 -1.43	14.68 0.80 -3.12	13.73 0.73 -3.19	13.73 0.70 -3.19	15.02 0.70 -4.49	16.15 1.05 -0.27	25.02 1.37 -5.40	30.02 1.71 -6.95	30.19 1.61 -8.47	27.30 1.60 -6.45	28.31 1.42 -9.72	28.31 1.43 -9.61	24.02 1.40 -5.80	23.99 1.44 -5.35	23.31 1.40 -5.20	27.36 1.52 -8.01	27.35 1.66 -5.72	32.64 1.99 -7.28	40.67 2.59 -6.11	40.12 2.90 0.00	29.42 1.85 -3.28	25.02 1.81 -1.61	21.31 1.61 0.00	18.54 1.16 0.00
ASTORIA___5 23518	16.10 1.02 -1.44	14.68 0.80 -3.12	13.74 0.73 -3.20	13.73 0.70 -3.20	15.03 0.70 -4.50	16.16 1.05 -0.28	25.03 1.37 -5.40	30.05 1.73 -6.96	30.21 1.63 -8.47	27.36 1.58 -6.52	28.31 1.42 -9.72	28.31 1.43 -9.61	24.00 1.38 -5.80	23.99 1.44 -5.35	23.35 1.42 -5.22	27.36 1.51 -8.01	27.36 1.66 -5.72	33.15 1.99 -7.79	40.67 2.59 -6.11	40.13 2.91 0.00	29.65 1.84 -3.51	25.14 1.81 -1.73	21.32 1.62 -0.01	18.55 1.16 -0.01
AST_ENERGY_2_CC3 323677	16.02 0.95 -1.43	14.63 0.75 -3.12	13.70 0.69 -3.19	13.69 0.66 -3.19	14.98 0.65 -4.49	16.10 0.99 -0.27	24.94 1.30 -5.40	29.94 1.62 -6.95	28.25 1.53 -6.61	24.42 1.48 -3.68	23.62 1.34 -5.11	21.51 1.35 -2.90	20.03 1.30 -1.91	20.05 1.38 -1.48	20.30 1.34 -2.25	21.62 1.43 -2.36	24.89 1.56 -3.35	33.03 1.87 -7.78	40.55 2.46 -6.11	40.05 2.83 0.00	29.62 1.82 -3.51	25.03 1.71 -1.72	21.21 1.52 0.00	18.46 1.08 0.00
AST_ENERGY_2_CC4 323678	16.02 0.95 -1.43	14.63 0.75 -3.12	13.70 0.69 -3.19	13.69 0.66 -3.19	14.98 0.65 -4.49	16.10 0.99 -0.27	24.94 1.30 -5.40	29.94 1.62 -6.95	28.25 1.53 -6.61	24.42 1.48 -3.68	23.62 1.34 -5.11	21.51 1.35 -2.90	20.03 1.30 -1.91	20.05 1.38 -1.48	20.30 1.34 -2.25	21.62 1.43 -2.36	24.89 1.56 -3.35	33.03 1.87 -7.78	40.55 2.46 -6.11	40.05 2.83 0.00	29.62 1.82 -3.51	25.03 1.71 -1.72	21.21 1.52 0.00	18.46 1.08 0.00
ATHENS_STG_1 23668	15.84 0.55 -1.66	14.82 0.43 -3.62	13.91 0.38 -3.71	13.94 0.39 -3.70	15.44 0.38 -5.22	15.72 0.58 -0.31	23.80 0.71 -4.84	26.60 0.94 -4.30	24.39 0.84 -3.43	22.67 0.83 -2.58	20.50 0.72 -2.61	19.47 0.72 -1.48	18.49 0.69 -0.97	18.68 0.74 -0.75	18.81 0.73 -1.37	19.84 0.80 -1.20	22.68 0.92 -1.78	33.17 1.12 -8.67	36.56 1.47 -3.12	38.90 1.68 0.00	29.34 1.14 -3.91	24.55 1.04 -1.92	20.56 0.87 0.00	18.00 0.62 0.00
ATHENS_STG_2 23670	15.84 0.55 -1.66	14.82 0.43 -3.62	13.91 0.38 -3.71	13.94 0.39 -3.70	15.44 0.38 -5.22	15.72 0.58 -0.31	23.80 0.71 -4.84	26.60 0.94 -4.30	24.39 0.84 -3.43	22.67 0.83 -2.58	20.50 0.72 -2.61	19.47 0.72 -1.48	18.49 0.69 -0.97	18.68 0.74 -0.75	18.81 0.73 -1.37	19.84 0.80 -1.20	22.68 0.92 -1.78	33.17 1.12 -8.67	36.56 1.47 -3.12	38.90 1.68 0.00	29.34 1.14 -3.91	24.55 1.04 -1.92	20.56 0.87 0.00	18.00 0.62 0.00

ATHENS_STG_3 23677	15.84 0.55 -1.66	14.82 0.43 -3.62	13.91 0.38 -3.71	13.94 0.39 -3.70	15.44 0.38 -5.22	15.72 0.58 -0.31	23.80 0.71 -4.84	26.60 0.94 -4.30	24.39 0.84 -3.43	22.67 0.83 -2.58	20.50 0.72 -2.61	19.47 0.72 -1.48	18.49 0.69 -0.97	18.68 0.74 -0.75	18.81 0.73 -1.37	19.84 0.80 -1.20	22.68 0.92 -1.78	33.17 1.12 -8.67	36.56 1.47 -3.12	38.90 1.68 0.00	29.34 1.14 -3.91	24.55 1.04 -1.92	20.56 0.87 0.00	18.00 0.62 0.00
AUBURN___LFGE 323710	13.99 0.18 -0.18	11.27 0.12 -0.39	10.36 0.14 -0.40	10.37 0.13 -0.40	10.54 0.14 -0.57	15.15 0.28 -0.03	18.98 0.33 -0.39	21.99 0.34 -0.28	20.43 0.32 0.00	19.64 0.23 -0.15	17.37 0.21 0.00	17.51 0.24 0.00	17.04 0.22 0.00	17.36 0.17 0.00	16.89 0.13 -0.05	17.92 0.09 0.00	20.07 0.08 -0.02	24.69 0.33 -0.99	32.33 0.35 0.00	37.70 0.48 0.00	24.98 0.24 -0.45	22.04 0.22 -0.22	19.71 0.02 0.00	17.57 0.19 0.00
BABYLON_RES_REC 323704	16.33 1.27 -1.43	14.80 0.91 -3.12	13.78 0.77 -3.19	13.77 0.74 -3.19	15.05 0.72 -4.50	16.29 1.19 -0.27	25.25 1.61 -5.39	30.12 1.81 -6.94	28.42 1.71 -6.60	24.73 1.79 -3.68	23.88 1.61 -5.10	21.73 1.57 -2.90	20.34 1.62 -1.90	20.23 1.56 -1.48	20.58 1.62 -2.25	22.06 1.87 -2.35	25.53 2.18 -3.37	33.83 2.62 -7.84	42.79 3.49 -7.33	41.29 4.06 -0.01	33.23 2.65 -6.30	28.38 2.40 -4.38	21.91 2.21 -0.02	19.02 1.63 -0.01
BABYLON__69_KV_BK2 356345	16.53 1.46 -1.43	14.95 1.07 -3.12	13.89 0.88 -3.19	13.88 0.86 -3.19	15.16 0.84 -4.50	16.48 1.38 -0.27	25.49 1.84 -5.39	30.40 2.09 -6.94	28.60 1.89 -6.60	24.90 2.04 -3.60	24.09 1.82 -5.10	21.94 1.78 -2.90	20.38 1.65 -1.90	20.40 1.74 -1.48	20.75 1.82 -2.22	22.31 2.12 -2.35	25.80 2.46 -3.36	33.67 2.97 -7.33	43.28 3.96 -7.34	41.92 4.69 -0.01	33.37 3.01 -6.07	28.57 2.70 -4.27	22.18 2.48 -0.01	19.26 1.88 -0.01
BALL_HILL_WT_PWR 323825	13.43 -0.45 -0.24	11.02 -0.27 -0.52	10.08 -0.27 -0.54	10.08 -0.29 -0.54	10.18 -0.40 -0.76	14.55 -0.33 -0.04	17.88 -0.89 -0.52	19.04 -1.41 0.92	18.98 -1.13 0.00	18.04 -1.27 -0.06	16.10 -1.06 0.00	16.33 -0.93 0.00	16.12 -0.71 0.00	16.26 -0.93 0.00	15.76 -0.97 -0.02	16.85 -0.98 0.00	18.75 -1.24 -0.01	22.69 -1.05 -0.37	30.15 -1.82 0.00	35.32 -1.90 0.00	23.51 -0.95 -0.17	20.95 -0.73 -0.08	19.06 -0.63 0.00	17.19 -0.19 0.00
BARON_WINDS___WT_PWR 323822	13.69 -0.26 -0.31	11.27 -0.17 -0.68	10.35 -0.16 -0.69	10.36 -0.18 -0.69	10.58 -0.23 -0.98	14.76 -0.13 -0.06	18.46 -0.47 -0.68	15.44 -0.68 5.24	19.57 -0.54 0.00	18.56 -0.77 -0.07	16.50 -0.67 0.00	16.68 -0.59 0.00	16.39 -0.44 0.00	16.57 -0.62 0.00	16.08 -0.65 -0.02	17.17 -0.66 0.00	19.19 -0.80 -0.01	23.31 -0.54 -0.47	31.05 -0.93 0.00	36.37 -0.85 0.00	24.06 -0.44 -0.21	21.36 -0.35 -0.10	19.28 -0.41 0.00	17.31 -0.07 0.00
BARRETT_IC_1 23704	16.13 1.06 -1.43	14.66 0.78 -3.12	13.66 0.65 -3.19	13.65 0.62 -3.19	14.94 0.61 -4.50	16.10 0.99 -0.27	24.96 1.31 -5.39	29.71 1.41 -6.94	28.10 1.39 -6.60	24.46 1.52 -3.68	23.68 1.41 -5.10	21.54 1.38 -2.90	20.12 1.40 -1.90	20.01 1.34 -1.48	20.33 1.37 -2.25	21.79 1.61 -2.35	25.16 1.82 -3.36	33.28 2.08 -7.83	42.07 2.78 -7.32	40.46 3.24 -0.01	32.64 2.06 -6.29	27.94 1.97 -4.38	21.55 1.85 -0.01	18.72 1.34 0.00
BARRETT_IC_10 23701	16.13 1.06 -1.43	14.66 0.78 -3.12	13.66 0.65 -3.19	13.65 0.62 -3.19	14.94 0.61 -4.50	16.10 0.99 -0.27	24.96 1.31 -5.39	29.71 1.41 -6.94	28.10 1.39 -6.60	24.46 1.52 -3.68	23.68 1.41 -5.10	21.54 1.38 -2.90	20.12 1.40 -1.90	20.01 1.34 -1.48	20.33 1.37 -2.25	21.79 1.61 -2.35	25.16 1.82 -3.36	33.28 2.08 -7.83	42.07 2.78 -7.32	40.46 3.24 -0.01	32.64 2.06 -6.29	27.94 1.97 -4.38	21.55 1.85 -0.01	18.72 1.34 0.00
BARRETT_IC_11 23702	16.13 1.06 -1.43	14.66 0.78 -3.12	13.66 0.65 -3.19	13.65 0.62 -3.19	14.94 0.61 -4.50	16.10 0.99 -0.27	24.96 1.31 -5.39	29.71 1.41 -6.94	28.10 1.39 -6.60	24.46 1.52 -3.68	23.68 1.41 -5.10	21.54 1.38 -2.90	20.12 1.40 -1.90	20.01 1.34 -1.48	20.33 1.37 -2.25	21.79 1.61 -2.35	25.16 1.82 -3.36	33.28 2.08 -7.83	42.07 2.78 -7.32	40.46 3.24 -0.01	32.64 2.06 -6.29	27.94 1.97 -4.38	21.55 1.85 -0.01	18.72 1.34 0.00
BARRETT_IC_12 23703	16.13 1.06 -1.43	14.66 0.78 -3.12	13.66 0.65 -3.19	13.65 0.62 -3.19	14.94 0.61 -4.50	16.10 0.99 -0.27	24.96 1.31 -5.39	29.71 1.41 -6.94	28.10 1.39 -6.60	24.46 1.52 -3.68	23.68 1.41 -5.10	21.54 1.38 -2.90	20.12 1.40 -1.90	20.01 1.34 -1.48	20.33 1.37 -2.25	21.79 1.61 -2.35	25.16 1.82 -3.36	33.28 2.08 -7.83	42.07 2.78 -7.32	40.46 3.24 -0.01	32.64 2.06 -6.29	27.94 1.97 -4.38	21.55 1.85 -0.01	18.72 1.34 0.00
BARRETT_IC_2 23705	16.13 1.06 -1.43	14.66 0.78 -3.12	13.66 0.65 -3.19	13.65 0.62 -3.19	14.94 0.61 -4.50	16.10 0.99 -0.27	24.96 1.31 -5.39	29.71 1.41 -6.94	28.10 1.39 -6.60	24.46 1.52 -3.68	23.68 1.41 -5.10	21.54 1.38 -2.90	20.12 1.40 -1.90	20.01 1.34 -1.48	20.33 1.37 -2.25	21.79 1.61 -2.35	25.16 1.82 -3.36	33.28 2.08 -7.83	42.07 2.78 -7.32	40.46 3.24 -0.01	32.64 2.06 -6.29	27.94 1.97 -4.38	21.55 1.85 -0.01	18.72 1.34 0.00
BARRETT_IC_3 23706	16.13 1.06 -1.43	14.66 0.78 -3.12	13.66 0.65 -3.19	13.65 0.62 -3.19	14.94 0.61 -4.50	16.10 0.99 -0.27	24.96 1.31 -5.39	29.71 1.41 -6.94	28.10 1.39 -6.60	24.46 1.52 -3.68	23.68 1.41 -5.10	21.54 1.38 -2.90	20.12 1.40 -1.90	20.01 1.34 -1.48	20.33 1.37 -2.25	21.79 1.61 -2.35	25.16 1.82 -3.36	33.28 2.08 -7.83	42.07 2.78 -7.32	40.46 3.24 -0.01	32.64 2.06 -6.29	27.94 1.97 -4.38	21.55 1.85 -0.01	18.72 1.34 0.00
BARRETT_IC_4 23707	16.13 1.06 -1.43	14.66 0.78 -3.12	13.66 0.65 -3.19	13.65 0.62 -3.19	14.94 0.61 -4.50	16.10 0.99 -0.27	24.96 1.31 -5.39	29.71 1.41 -6.94	28.10 1.39 -6.60	24.46 1.52 -3.68	23.68 1.41 -5.10	21.54 1.38 -2.90	20.12 1.40 -1.90	20.01 1.34 -1.48	20.33 1.37 -2.25	21.79 1.61 -2.35	25.16 1.82 -3.36	33.28 2.08 -7.83	42.07 2.78 -7.32	40.46 3.24 -0.01	32.64 2.06 -6.29	27.94 1.97 -4.38	21.55 1.85 -0.01	18.72 1.34 0.00
BARRETT_IC_5 23708	16.13 1.06 -1.43	14.66 0.78 -3.12	13.66 0.65 -3.19	13.65 0.62 -3.19	14.94 0.61 -4.50	16.10 0.99 -0.27	24.96 1.31 -5.39	29.71 1.41 -6.94	28.10 1.39 -6.60	24.46 1.52 -3.68	23.68 1.41 -5.10	21.54 1.38 -2.90	20.12 1.40 -1.90	20.01 1.34 -1.48	20.33 1.37 -2.25	21.79 1.61 -2.35	25.16 1.82 -3.36	33.28 2.08 -7.83	42.07 2.78 -7.32	40.46 3.24 -0.01	32.64 2.06 -6.29	27.94 1.97 -4.38	21.55 1.85 -0.01	18.72 1.34 0.00
BARRETT_IC_6 23709	16.13 1.06 -1.43	14.66 0.78 -3.12	13.66 0.65 -3.19	13.65 0.62 -3.19	14.94 0.61 -4.50	16.10 0.99 -0.27	24.96 1.31 -5.39	29.71 1.41 -6.94	28.10 1.39 -6.60	24.46 1.52 -3.68	23.68 1.41 -5.10	21.54 1.38 -2.90	20.12 1.40 -1.90	20.01 1.34 -1.48	20.33 1.37 -2.25	21.79 1.61 -2.35	25.16 1.82 -3.36	33.28 2.08 -7.83	42.07 2.78 -7.32	40.46 3.24 -0.01	32.64 2.06 -6.29	27.94 1.97 -4.38	21.55 1.85 -0.01	18.72 1.34 0.00

BARRETT_IC_7 23710	16.13 1.06 -1.43	14.66 0.77 -3.12	13.66 0.65 -3.19	13.65 0.62 -3.19	14.94 0.61 -4.50	16.10 0.99 -0.27	24.96 1.31 -5.39	29.71 1.41 -6.94	28.06 1.35 -6.60	24.40 1.54 -3.60	23.70 1.42 -5.10	21.54 1.38 -2.90	20.01 1.28 -1.90	19.99 1.32 -1.48	20.30 1.37 -2.22	21.79 1.60 -2.35	25.15 1.82 -3.36	32.78 2.08 -7.33	42.08 2.78 -7.32	40.46 3.24 0.00	32.41 2.06 -6.06	27.83 1.97 -4.26	21.54 1.85 0.00	18.72 1.34 0.00
BARRETT_IC_8 23711	16.13 1.06 -1.43	14.66 0.78 -3.12	13.66 0.65 -3.19	13.65 0.62 -3.19	14.94 0.61 -4.50	16.10 0.99 -0.27	24.96 1.31 -5.39	29.71 1.41 -6.94	28.10 1.39 -6.60	24.46 1.52 -3.68	23.68 1.41 -5.10	21.54 1.38 -2.90	20.12 1.40 -1.90	20.01 1.34 -1.48	20.33 1.37 -2.25	21.79 1.61 -2.35	25.16 1.82 -3.36	33.28 2.08 -7.83	42.07 2.78 -7.32	40.46 3.24 -0.01	32.64 2.06 -6.29	27.94 1.97 -4.38	21.55 1.85 -0.01	18.72 1.34 0.00
BARRETT_IC_9 23700	16.13 1.06 -1.43	14.66 0.78 -3.12	13.66 0.65 -3.19	13.65 0.62 -3.19	14.94 0.61 -4.50	16.10 0.99 -0.27	24.96 1.31 -5.39	29.71 1.41 -6.94	28.10 1.39 -6.60	24.46 1.52 -3.68	23.68 1.41 -5.10	21.54 1.38 -2.90	20.12 1.40 -1.90	20.01 1.34 -1.48	20.33 1.37 -2.25	21.79 1.61 -2.35	25.16 1.82 -3.36	33.28 2.08 -7.83	42.07 2.78 -7.32	40.46 3.24 -0.01	32.64 2.06 -6.29	27.94 1.97 -4.38	21.55 1.85 -0.01	18.72 1.34 0.00
BARRETT___1 23545	16.13 1.06 -1.43	14.66 0.78 -3.12	13.66 0.65 -3.19	13.65 0.62 -3.19	14.94 0.61 -4.50	16.10 0.99 -0.27	24.96 1.31 -5.39	29.71 1.41 -6.94	28.10 1.39 -6.60	24.46 1.52 -3.68	23.68 1.41 -5.10	21.54 1.38 -2.90	20.12 1.40 -1.90	20.01 1.34 -1.48	20.33 1.37 -2.25	21.79 1.61 -2.35	25.16 1.82 -3.36	33.28 2.08 -7.83	42.07 2.78 -7.32	40.46 3.24 -0.01	32.64 2.06 -6.29	27.94 1.97 -4.38	21.55 1.85 -0.01	18.72 1.34 0.00
BARRETT___2 23546	16.13 1.06 -1.43	14.66 0.78 -3.12	13.66 0.65 -3.19	13.65 0.62 -3.19	14.94 0.61 -4.50	16.10 0.99 -0.27	24.96 1.31 -5.39	29.71 1.41 -6.94	28.10 1.39 -6.60	24.46 1.52 -3.68	23.68 1.41 -5.10	21.54 1.38 -2.90	20.12 1.40 -1.90	20.01 1.34 -1.48	20.33 1.37 -2.25	21.79 1.61 -2.35	25.16 1.82 -3.36	33.28 2.08 -7.83	42.07 2.78 -7.32	40.46 3.24 -0.01	32.64 2.06 -6.29	27.94 1.97 -4.38	21.55 1.85 -0.01	18.72 1.34 0.00
BATAVIA___115KV_TB1 55881	13.67 -0.16 -0.20	11.13 -0.06 -0.44	10.22 -0.05 -0.45	10.22 -0.07 -0.45	10.28 -0.18 -0.63	14.75 -0.12 -0.04	18.27 -0.42 -0.44	20.05 -0.83 0.48	19.38 -0.72 0.00	18.48 -0.94 -0.16	16.45 -0.72 0.00	16.68 -0.59 0.00	16.22 -0.61 0.00	16.54 -0.65 0.00	16.11 -0.65 -0.05	17.10 -0.73 0.00	19.02 -0.98 -0.02	23.73 -0.75 -1.10	30.73 -1.25 0.00	35.84 -1.38 0.00	24.06 -0.73 -0.50	21.28 -0.56 -0.24	19.20 -0.49 0.00	17.21 -0.17 0.00
BAYONEEC___CTG1 323682	16.03 0.97 -1.43	14.64 0.76 -3.12	13.70 0.69 -3.19	13.69 0.66 -3.19	14.99 0.66 -4.49	16.11 1.01 -0.27	24.96 1.31 -5.40	29.98 1.67 -6.95	28.29 1.57 -6.61	24.46 1.52 -3.68	23.65 1.37 -5.11	21.55 1.38 -2.90	20.06 1.33 -1.91	20.06 1.39 -1.48	20.33 1.37 -2.25	21.65 1.46 -2.36	24.93 1.60 -3.35	33.07 1.92 -7.78	40.58 2.50 -6.11	40.05 2.83 0.00	29.65 1.84 -3.51	25.05 1.73 -1.72	21.23 1.54 0.00	18.47 1.10 0.00
BAYONEEC___CTG10 323750	16.03 0.97 -1.43	14.64 0.76 -3.12	13.70 0.69 -3.19	13.69 0.66 -3.19	14.99 0.66 -4.49	16.11 1.01 -0.27	24.96 1.31 -5.40	29.98 1.67 -6.95	28.29 1.57 -6.61	24.46 1.52 -3.68	23.65 1.37 -5.11	21.55 1.38 -2.90	20.06 1.33 -1.91	20.06 1.39 -1.48	20.33 1.37 -2.25	21.65 1.46 -2.36	24.93 1.60 -3.35	33.07 1.92 -7.78	40.58 2.50 -6.11	40.05 2.83 0.00	29.65 1.84 -3.51	25.05 1.73 -1.72	21.23 1.54 0.00	18.47 1.10 0.00
BAYONEEC___CTG2 323683	16.03 0.97 -1.43	14.64 0.76 -3.12	13.70 0.69 -3.19	13.69 0.66 -3.19	14.99 0.66 -4.49	16.11 1.01 -0.27	24.96 1.31 -5.40	29.98 1.67 -6.95	28.29 1.57 -6.61	24.46 1.52 -3.68	23.65 1.37 -5.11	21.55 1.38 -2.90	20.06 1.33 -1.91	20.06 1.39 -1.48	20.33 1.37 -2.25	21.65 1.46 -2.36	24.93 1.60 -3.35	33.07 1.92 -7.78	40.58 2.50 -6.11	40.05 2.83 0.00	29.65 1.84 -3.51	25.05 1.73 -1.72	21.23 1.54 0.00	18.47 1.10 0.00
BAYONEEC___CTG3 323684	16.03 0.97 -1.43	14.64 0.76 -3.12	13.70 0.69 -3.19	13.69 0.66 -3.19	14.99 0.66 -4.49	16.11 1.01 -0.27	24.96 1.31 -5.40	29.98 1.67 -6.95	28.29 1.57 -6.61	24.46 1.52 -3.68	23.65 1.37 -5.11	21.55 1.38 -2.90	20.06 1.33 -1.91	20.06 1.39 -1.48	20.33 1.37 -2.25	21.65 1.46 -2.36	24.93 1.60 -3.35	33.07 1.92 -7.78	40.58 2.50 -6.11	40.05 2.83 0.00	29.65 1.84 -3.51	25.05 1.73 -1.72	21.23 1.54 0.00	18.47 1.10 0.00
BAYONEEC___CTG4 323685	16.03 0.97 -1.43	14.64 0.76 -3.12	13.70 0.69 -3.19	13.69 0.66 -3.19	14.99 0.66 -4.49	16.11 1.01 -0.27	24.96 1.31 -5.40	29.98 1.67 -6.95	28.29 1.57 -6.61	24.46 1.52 -3.68	23.65 1.37 -5.11	21.55 1.38 -2.90	20.06 1.33 -1.91	20.06 1.39 -1.48	20.33 1.37 -2.25	21.65 1.46 -2.36	24.93 1.60 -3.35	33.07 1.92 -7.78	40.58 2.50 -6.11	40.05 2.83 0.00	29.65 1.84 -3.51	25.05 1.73 -1.72	21.23 1.54 0.00	18.47 1.10 0.00
BAYONEEC___CTG5 323686	16.03 0.97 -1.43	14.64 0.76 -3.12	13.70 0.69 -3.19	13.69 0.66 -3.19	14.99 0.66 -4.49	16.11 1.01 -0.27	24.96 1.31 -5.40	29.98 1.67 -6.95	28.29 1.57 -6.61	24.46 1.52 -3.68	23.65 1.37 -5.11	21.55 1.38 -2.90	20.06 1.33 -1.91	20.06 1.39 -1.48	20.33 1.37 -2.25	21.65 1.46 -2.36	24.93 1.60 -3.35	33.07 1.92 -7.78	40.58 2.50 -6.11	40.05 2.83 0.00	29.65 1.84 -3.51	25.05 1.73 -1.72	21.23 1.54 0.00	18.47 1.10 0.00
BAYONEEC___CTG6 323687	16.03 0.97 -1.43	14.64 0.76 -3.12	13.70 0.69 -3.19	13.69 0.66 -3.19	14.99 0.66 -4.49	16.11 1.01 -0.27	24.96 1.31 -5.40	29.98 1.67 -6.95	28.29 1.57 -6.61	24.46 1.52 -3.68	23.65 1.37 -5.11	21.55 1.38 -2.90	20.06 1.33 -1.91	20.06 1.39 -1.48	20.33 1.37 -2.25	21.65 1.46 -2.36	24.93 1.60 -3.35	33.07 1.92 -7.78	40.58 2.50 -6.11	40.05 2.83 0.00	29.65 1.84 -3.51	25.05 1.73 -1.72	21.23 1.54 0.00	18.47 1.10 0.00
BAYONEEC___CTG7 323688	16.03 0.97 -1.43	14.64 0.76 -3.12	13.70 0.69 -3.19	13.69 0.66 -3.19	14.99 0.66 -4.49	16.11 1.01 -0.27	24.96 1.31 -5.40	29.98 1.67 -6.95	28.29 1.57 -6.61	24.46 1.52 -3.68	23.65 1.37 -5.11	21.55 1.38 -2.90	20.06 1.33 -1.91	20.06 1.39 -1.48	20.33 1.37 -2.25	21.65 1.46 -2.36	24.93 1.60 -3.35	33.07 1.92 -7.78	40.58 2.50 -6.11	40.05 2.83 0.00	29.65 1.84 -3.51	25.05 1.73 -1.72	21.23 1.54 0.00	18.47 1.10 0.00
BAYONEEC___CTG8 323689	16.03 0.97 -1.43	14.64 0.76 -3.12	13.70 0.69 -3.19	13.69 0.66 -3.19	14.99 0.66 -4.49	16.11 1.01 -0.27	24.96 1.31 -5.40	29.98 1.67 -6.95	28.29 1.57 -6.61	24.46 1.52 -3.68	23.65 1.37 -5.11	21.55 1.38 -2.90	20.06 1.33 -1.91	20.06 1.39 -1.48	20.33 1.37 -2.25	21.65 1.46 -2.36	24.93 1.60 -3.35	33.07 1.92 -7.78	40.58 2.50 -6.11	40.05 2.83 0.00	29.65 1.84 -3.51	25.05 1.73 -1.72	21.23 1.54 0.00	18.47 1.10 0.00

BAYONEEC___CTG9 323749	16.03 0.97 -1.43	14.64 0.76 -3.12	13.70 0.69 -3.19	13.69 0.66 -3.19	14.99 0.66 -4.49	16.11 1.01 -0.27	24.96 1.31 -5.40	29.98 1.67 -6.95	28.29 1.57 -6.61	24.46 1.52 -3.68	23.65 1.37 -5.11	21.55 1.38 -2.90	20.06 1.33 -1.91	20.06 1.39 -1.48	20.33 1.37 -2.25	21.65 1.46 -2.36	24.93 1.60 -3.35	33.07 1.92 -7.78	40.58 2.50 -6.11	40.05 2.83 0.00	29.65 1.84 -3.51	25.05 1.73 -1.72	21.23 1.54 0.00	18.47 1.10 0.00
BEACON___LESR 323632	15.83 0.35 -1.84	15.08 0.31 -4.01	14.20 0.28 -4.10	14.21 0.28 -4.10	15.86 0.26 -5.78	15.64 0.46 -0.34	23.85 0.53 -5.07	26.13 0.81 -3.96	23.66 0.64 -2.91	22.32 0.58 -2.49	19.84 0.46 -2.21	18.97 0.45 -1.25	18.08 0.44 -0.82	18.36 0.53 -0.64	18.46 0.50 -1.25	19.47 0.62 -1.02	22.26 0.74 -1.54	33.66 0.91 -9.37	35.90 1.28 -2.64	38.63 1.41 0.00	29.49 0.97 -4.23	24.51 0.84 -2.07	20.32 0.63 0.00	17.83 0.45 0.00
BEAVER RIVER___HYD 24048	13.74 0.04 -0.06	10.89 0.00 -0.13	9.94 -0.01 -0.13	9.92 -0.05 -0.13	10.00 -0.02 -0.18	14.76 -0.09 -0.01	18.34 -0.04 -0.13	21.44 0.02 -0.05	20.07 -0.04 0.00	19.14 -0.11 0.00	17.10 -0.07 0.00	17.14 -0.12 0.00	16.67 -0.15 0.00	17.02 -0.17 0.00	16.51 -0.20 0.00	17.67 -0.16 0.00	19.76 -0.22 0.00	23.47 0.09 0.00	32.39 0.41 0.00	37.89 0.67 0.00	24.60 0.31 0.00	21.82 0.22 0.00	19.75 0.06 0.00	17.45 0.07 0.00
BEEBEE_GT_13 23619	13.73 -0.07 -0.17	11.09 -0.03 -0.36	10.17 -0.02 -0.37	10.18 -0.03 -0.37	10.28 -0.08 -0.52	14.78 -0.09 -0.03	18.45 -0.16 -0.36	21.12 -0.38 -0.14	19.71 -0.40 0.00	18.83 -0.56 -0.14	16.76 -0.41 0.00	16.94 -0.33 0.00	16.45 -0.37 0.00	16.80 -0.40 0.00	16.35 -0.40 -0.04	17.39 -0.45 0.00	19.37 -0.62 -0.01	23.85 -0.44 -0.92	31.27 -0.70 0.00	36.44 -0.78 0.00	24.22 -0.49 -0.41	21.39 -0.41 -0.20	19.28 -0.41 0.00	17.17 -0.21 0.00
BENSHRST_27_KV_BENSHRST_1 355998	16.17 1.10 -1.43	14.73 0.85 -3.12	13.78 0.78 -3.19	13.77 0.75 -3.19	15.06 0.74 -4.49	16.23 1.13 -0.27	25.09 1.44 -5.40	30.15 1.84 -6.95	30.31 1.73 -8.47	27.40 1.69 -6.45	28.40 1.51 -9.72	28.40 1.52 -9.61	24.08 1.46 -5.80	24.06 1.51 -5.35	23.39 1.49 -5.20	27.45 1.60 -8.01	27.47 1.78 -5.72	32.82 2.17 -7.28	40.99 2.91 -6.11	40.46 3.24 0.00	29.54 1.97 -3.28	25.13 1.92 -1.61	21.41 1.71 0.00	18.67 1.29 0.00
BETHLEHEM___GRP 23843	15.67 0.19 -1.84	14.96 0.18 -4.01	14.10 0.18 -4.11	14.12 0.18 -4.10	15.76 0.15 -5.78	15.44 0.27 -0.34	23.57 0.26 -5.06	25.67 0.36 -3.94	23.32 0.32 -2.89	21.97 0.29 -2.42	19.62 0.26 -2.19	18.73 0.22 -1.25	17.95 0.30 -0.82	18.14 0.31 -0.63	18.22 0.28 -1.23	19.20 0.36 -1.01	21.92 0.42 -1.52	32.85 0.51 -8.96	35.27 0.67 -2.62	37.93 0.71 0.00	28.87 0.53 -4.05	24.03 0.45 -1.98	20.01 0.32 0.00	17.57 0.19 0.00
BETHLEHEM___GS1 323560	15.67 0.19 -1.84	14.96 0.18 -4.01	14.10 0.18 -4.11	14.12 0.18 -4.10	15.76 0.15 -5.78	15.45 0.27 -0.34	23.57 0.26 -5.06	25.77 0.47 -3.94	23.34 0.34 -2.89	22.03 0.29 -2.48	19.58 0.22 -2.19	18.72 0.21 -1.25	17.84 0.20 -0.82	18.10 0.27 -0.63	18.22 0.27 -1.25	19.20 0.36 -1.01	21.93 0.42 -1.53	33.27 0.51 -9.38	35.27 0.67 -2.62	37.93 0.71 0.00	29.06 0.53 -4.23	24.13 0.45 -2.07	20.01 0.31 0.00	17.57 0.19 0.00
BETHLEHEM___GS2 323561	15.67 0.19 -1.84	14.96 0.18 -4.01	14.10 0.18 -4.11	14.12 0.18 -4.10	15.76 0.15 -5.78	15.45 0.27 -0.34	23.57 0.26 -5.06	25.77 0.47 -3.94	23.34 0.34 -2.89	22.03 0.29 -2.48	19.58 0.22 -2.19	18.72 0.21 -1.25	17.84 0.20 -0.82	18.10 0.27 -0.63	18.22 0.27 -1.25	19.20 0.36 -1.01	21.93 0.42 -1.53	33.27 0.51 -9.38	35.27 0.67 -2.62	37.93 0.71 0.00	29.06 0.53 -4.23	24.13 0.45 -2.07	20.01 0.31 0.00	17.57 0.19 0.00
BETHLEHEM___GS3 323562	15.67 0.19 -1.84	14.96 0.18 -4.01	14.10 0.18 -4.11	14.12 0.18 -4.10	15.76 0.15 -5.78	15.45 0.27 -0.34	23.57 0.26 -5.06	25.77 0.47 -3.94	23.34 0.34 -2.89	22.03 0.29 -2.48	19.58 0.22 -2.19	18.72 0.21 -1.25	17.84 0.20 -0.82	18.10 0.27 -0.63	18.22 0.27 -1.25	19.20 0.36 -1.01	21.93 0.42 -1.53	33.27 0.51 -9.38	35.27 0.67 -2.62	37.93 0.71 0.00	29.06 0.53 -4.23	24.13 0.45 -2.07	20.01 0.31 0.00	17.57 0.19 0.00
BETHLEHEM___STEEL 23779	13.41 -0.46 -0.23	11.00 -0.27 -0.51	10.06 -0.27 -0.52	10.07 -0.30 -0.52	10.15 -0.41 -0.73	14.55 -0.33 -0.04	17.85 -0.91 -0.51	18.91 -1.52 0.94	19.04 -1.07 0.00	18.20 -1.25 -0.19	16.17 -1.00 0.00	16.45 -0.81 0.00	16.07 -0.76 0.00	16.40 -0.79 0.00	15.92 -0.85 -0.06	16.83 -1.00 0.00	18.74 -1.26 -0.02	23.56 -1.10 -1.29	30.06 -1.92 0.00	35.17 -2.05 0.00	23.85 -1.02 -0.58	21.11 -0.78 -0.28	19.04 -0.65 0.00	17.19 -0.19 0.00
BETHLHEM_115KV_TB1 79974	15.71 0.23 -1.84	14.99 0.22 -4.01	14.13 0.21 -4.10	14.14 0.20 -4.10	15.79 0.18 -5.78	15.49 0.31 -0.34	23.62 0.31 -5.06	25.74 0.45 -3.93	23.37 0.38 -2.88	22.04 0.37 -2.42	19.66 0.31 -2.19	18.78 0.28 -1.24	17.99 0.35 -0.82	18.18 0.36 -0.63	18.27 0.33 -1.23	19.25 0.41 -1.01	21.98 0.48 -1.52	32.92 0.58 -8.96	35.35 0.77 -2.61	38.04 0.82 0.00	28.94 0.61 -4.04	24.12 0.54 -1.98	20.09 0.39 0.00	17.64 0.26 0.00
BETHPAGE_CC_5 323564	16.27 1.20 -1.43	14.75 0.87 -3.12	13.74 0.73 -3.19	13.74 0.71 -3.19	15.02 0.69 -4.50	16.23 1.13 -0.27	25.16 1.51 -5.39	30.01 1.71 -6.94	28.34 1.63 -6.60	24.67 1.73 -3.68	23.83 1.56 -5.10	21.70 1.54 -2.90	20.29 1.56 -1.90	20.18 1.51 -1.48	20.51 1.55 -2.25	21.98 1.80 -2.35	25.43 2.08 -3.37	33.69 2.48 -7.84	42.62 3.33 -7.32	41.07 3.83 -0.01	33.08 2.50 -6.29	28.25 2.27 -4.38	21.79 2.09 -0.01	18.92 1.53 -0.01
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	13.38 -0.49 -0.24	10.98 -0.30 -0.51	10.04 -0.30 -0.53	10.04 -0.32 -0.53	10.13 -0.44 -0.74	14.55 -0.33 -0.04	17.82 -0.95 -0.52	18.92 -1.56 0.88	19.08 -1.03 0.00	18.26 -1.19 -0.19	16.21 -0.96 0.00	16.49 -0.78 0.00	16.12 -0.71 0.00	16.43 -0.76 0.00	15.95 -0.82 -0.06	16.87 -0.96 0.00	18.78 -1.22 -0.02	23.64 -1.03 -1.30	30.15 -1.82 0.00	35.28 -1.94 0.00	23.93 -0.95 -0.59	21.17 -0.71 -0.29	19.08 -0.61 0.00	17.26 -0.12 0.00
BINGHAMTON___COGEN 23790	14.22 0.14 -0.45	11.85 0.11 -0.98	10.92 0.10 -1.00	10.94 0.10 -1.00	11.34 0.09 -1.42	15.14 0.22 -0.08	19.38 0.15 -0.98	21.88 0.13 -0.39	20.35 0.24 0.00	19.51 -0.12 -0.37	17.08 -0.09 0.00	17.25 -0.02 0.00	16.84 0.02 0.00	17.16 -0.03 0.00	16.73 -0.10 -0.12	17.65 -0.18 0.00	19.76 -0.26 -0.04	25.83 -0.02 -2.48	31.81 -0.16 0.00	37.18 -0.04 0.00	25.38 -0.02 -1.12	22.15 0.00 -0.55	19.57 -0.12 0.00	17.48 0.10 0.00
BIXINCNT_115KV_LOAD 355685	13.12 -0.76 -0.25	10.76 -0.54 -0.54	9.82 -0.55 -0.55	9.83 -0.56 -0.55	9.93 -0.68 -0.78	14.27 -0.61 -0.05	17.35 -1.44 -0.54	18.76 -2.03 0.57	18.84 -1.27 0.00	18.03 -1.42 -0.20	15.90 -1.27 0.00	16.19 -1.07 0.00	15.80 -1.03 0.00	16.16 -1.03 0.00	15.67 -1.10 -0.06	16.55 -1.28 0.00	18.46 -1.54 -0.02	23.45 -1.29 -1.36	29.96 -2.01 0.00	35.14 -2.08 0.00	23.86 -1.04 -0.61	21.12 -0.78 -0.30	18.96 -0.73 0.00	17.19 -0.19 0.00

BLACK RIVER___HYD 24047	13.99 0.27 -0.08	11.11 0.17 -0.17	10.14 0.15 -0.18	10.14 0.13 -0.18	10.25 0.17 -0.25	15.03 0.18 -0.01	18.70 0.27 -0.17	21.88 0.45 -0.07	20.43 0.32 0.00	19.41 0.15 0.00	17.36 0.19 0.00	17.39 0.12 0.00	16.91 0.08 0.00	17.24 0.05 0.00	16.73 0.02 0.00	17.90 0.07 0.00	20.02 0.04 0.00	23.82 0.44 0.00	32.93 0.96 0.00	38.49 1.27 0.00	24.99 0.70 0.00	22.16 0.56 0.00	19.97 0.28 0.00	17.67 0.30 0.00
BLACKRVR_115KV_TB2 79977	13.99 0.27 -0.08	11.11 0.17 -0.17	10.14 0.15 -0.18	10.14 0.13 -0.18	10.25 0.17 -0.25	15.03 0.18 -0.01	18.70 0.27 -0.17	21.84 0.41 -0.07	20.41 0.30 0.00	19.53 0.21 -0.07	17.34 0.17 0.00	17.39 0.12 0.00	16.89 0.07 0.00	17.24 0.05 0.00	16.75 0.02 -0.02	17.90 0.07 0.00	20.03 0.04 -0.01	24.25 0.44 -0.44	32.93 0.96 0.00	38.49 1.27 0.00	25.19 0.70 -0.20	22.26 0.56 -0.10	19.97 0.28 0.00	17.67 0.30 0.00
BLISS_WT_PWR 323608	13.07 -0.82 -0.25	10.71 -0.59 -0.54	9.76 -0.61 -0.55	9.77 -0.62 -0.55	9.87 -0.74 -0.78	14.18 -0.70 -0.05	17.24 -1.55 -0.54	18.68 -2.12 0.57	18.58 -1.53 0.00	17.68 -1.64 -0.06	15.67 -1.49 0.00	15.92 -1.35 0.00	15.63 -1.19 0.00	15.85 -1.34 0.00	15.36 -1.37 -0.02	16.40 -1.43 0.00	18.31 -1.68 -0.01	22.30 -1.45 -0.38	29.80 -2.18 0.00	34.95 -2.27 0.00	23.29 -1.17 -0.17	20.80 -0.89 -0.08	18.87 -0.83 0.00	17.12 -0.26 0.00
BLUESTONE___WT_PWR 323821	14.96 0.80 -0.52	12.48 0.59 -1.13	11.49 0.52 -1.15	11.53 0.54 -1.15	12.03 0.57 -1.62	15.78 0.85 -0.10	20.39 1.00 -1.13	22.55 1.32 0.14	20.67 1.23 0.67	20.46 0.91 -0.30	18.08 0.91 0.00	18.13 0.86 0.00	17.72 0.89 0.00	18.05 0.86 0.00	17.52 0.72 -0.09	18.65 0.82 0.00	20.83 0.82 -0.03	26.68 1.33 -1.98	33.96 1.98 0.00	39.60 2.38 0.00	26.71 1.53 -0.89	23.33 1.30 -0.44	20.62 0.93 0.00	18.28 0.90 0.00
BLUE_CIRC_CHEM_DRP 24182	15.83 0.38 -1.81	15.03 0.32 -3.95	14.15 0.29 -4.04	14.17 0.30 -4.03	15.81 0.29 -5.69	15.63 0.46 -0.34	23.78 0.51 -5.02	25.97 0.64 -3.97	23.63 0.58 -2.94	22.20 0.52 -2.43	19.86 0.45 -2.24	18.97 0.43 -1.27	18.13 0.47 -0.84	18.34 0.50 -0.65	18.42 0.47 -1.24	19.42 0.55 -1.03	22.17 0.64 -1.55	33.00 0.79 -8.83	35.71 1.06 -2.68	38.41 1.19 0.00	29.12 0.85 -3.99	24.29 0.73 -1.95	20.26 0.57 0.00	17.81 0.43 0.00
BOC_GAS_DRP 24189	15.84 0.37 -1.84	15.07 0.30 -4.01	14.19 0.27 -4.10	14.21 0.28 -4.10	15.88 0.27 -5.78	15.59 0.42 -0.34	23.76 0.47 -5.03	25.87 0.62 -3.88	23.50 0.56 -2.83	22.19 0.54 -2.39	19.79 0.48 -2.14	18.95 0.47 -1.22	18.11 0.49 -0.80	18.31 0.50 -0.62	18.40 0.48 -1.21	19.39 0.57 -0.99	22.11 0.64 -1.49	33.09 0.77 -8.95	35.56 1.02 -2.56	38.34 1.12 0.00	29.13 0.80 -4.04	24.29 0.71 -1.98	20.26 0.57 0.00	17.80 0.42 0.00
BOONVILLE_115KV_TB1 79983	13.93 0.25 -0.05	11.05 0.17 -0.12	10.08 0.15 -0.12	10.08 0.12 -0.12	10.15 0.15 -0.17	15.04 0.19 -0.01	18.62 0.26 -0.12	21.79 0.38 -0.05	20.45 0.34 0.00	19.61 0.31 -0.04	17.44 0.27 0.00	17.49 0.22 0.00	17.03 0.20 0.00	17.40 0.21 0.00	16.87 0.15 -0.01	18.03 0.20 0.00	20.16 0.18 0.00	24.13 0.47 -0.29	32.81 0.83 0.00	38.26 1.04 0.00	25.03 0.61 -0.13	22.16 0.50 -0.07	20.01 0.32 0.00	17.67 0.30 0.00
BORALEX_4TH_BRANCH 23824	16.11 0.64 -1.83	15.26 0.51 -3.99	14.37 0.47 -4.08	14.37 0.45 -4.08	16.04 0.45 -5.76	15.90 0.73 -0.34	24.19 0.86 -5.08	26.64 1.09 -4.19	24.32 1.03 -3.19	22.70 0.92 -2.52	20.42 0.82 -2.43	19.44 0.79 -1.38	18.52 0.79 -0.91	18.75 0.86 -0.70	18.89 0.87 -1.31	19.97 1.02 -1.12	22.85 1.20 -1.67	33.60 1.36 -8.87	36.60 1.73 -2.90	39.08 1.86 0.00	29.67 1.38 -4.00	24.81 1.25 -1.96	20.70 1.00 0.00	18.14 0.76 0.00
BOWLINE___1 23526	15.81 0.85 -1.32	14.30 0.65 -2.89	13.35 0.58 -2.95	13.35 0.56 -2.95	14.56 0.57 -4.16	15.93 0.85 -0.25	24.95 1.10 -5.60	30.77 1.39 -8.02	29.31 1.29 -7.91	24.67 1.29 -4.13	24.45 1.15 -6.14	21.91 1.16 -3.48	20.22 1.11 -2.29	20.12 1.15 -1.78	20.44 1.12 -2.61	21.87 1.21 -2.83	25.33 1.36 -3.99	32.41 1.66 -7.38	41.55 2.24 -7.33	39.79 2.57 0.00	29.29 1.67 -3.33	24.74 1.51 -1.63	21.01 1.32 0.00	18.33 0.96 0.00
BOWLINE___2 23595	15.81 0.85 -1.32	14.30 0.65 -2.89	13.35 0.58 -2.95	13.35 0.56 -2.95	14.57 0.57 -4.16	15.93 0.85 -0.25	24.95 1.10 -5.60	30.77 1.39 -8.01	29.32 1.31 -7.90	24.67 1.29 -4.12	24.45 1.15 -6.13	21.90 1.16 -3.48	20.22 1.11 -2.29	20.12 1.15 -1.77	20.44 1.12 -2.60	21.87 1.21 -2.83	25.33 1.36 -3.99	32.41 1.66 -7.38	41.54 2.24 -7.33	39.79 2.57 0.00	29.29 1.67 -3.33	24.74 1.51 -1.63	21.01 1.32 0.00	18.33 0.96 0.00
BRADY___115KV_TB2 356060	13.44 -0.19 0.00	10.63 -0.13 0.00	9.69 -0.13 0.00	9.72 -0.12 0.00	9.72 -0.11 0.00	14.61 -0.22 0.00	18.03 -0.22 0.00	21.24 -0.13 0.00	19.97 -0.14 0.00	19.14 -0.12 0.00	17.06 -0.10 0.00	17.14 -0.12 0.00	16.66 -0.17 0.00	17.02 -0.17 0.00	16.56 -0.15 0.00	17.69 -0.14 0.00	19.86 -0.12 0.00	23.12 -0.26 0.00	31.69 -0.29 0.00	36.96 -0.26 0.00	24.04 -0.24 0.00	21.38 -0.22 0.00	19.59 -0.10 0.00	17.27 -0.10 0.00
BRANSCOMB___SOLAR 323811	16.18 0.67 -1.88	15.39 0.53 -4.10	14.49 0.48 -4.19	14.50 0.47 -4.19	16.21 0.47 -5.91	15.97 0.79 -0.35	24.36 0.97 -5.15	26.52 1.28 -3.88	23.97 1.09 -2.78	22.67 0.94 -2.47	20.03 0.75 -2.11	19.20 0.74 -1.20	18.28 0.67 -0.79	18.58 0.77 -0.61	18.65 0.72 -1.23	19.70 0.89 -0.97	22.44 0.98 -1.48	34.20 1.26 -9.56	36.45 1.95 -2.52	39.45 2.23 0.00	30.18 1.58 -4.32	25.05 1.34 -2.11	20.75 1.06 0.00	18.20 0.82 0.00
BRENTWOD_69_KV_W. BRTWOOD 56703	16.53 1.46 -1.43	14.95 1.07 -3.12	13.89 0.88 -3.19	13.88 0.86 -3.19	15.16 0.84 -4.50	16.48 1.38 -0.27	25.47 1.83 -5.39	30.38 2.07 -6.94	28.54 1.83 -6.60	24.86 2.00 -3.60	24.06 1.79 -5.10	21.92 1.76 -2.90	20.36 1.63 -1.90	20.40 1.74 -1.48	20.74 1.80 -2.22	22.29 2.10 -2.35	25.76 2.42 -3.36	33.61 2.90 -7.33	43.08 3.77 -7.34	41.77 4.54 -0.01	33.29 2.94 -6.07	28.55 2.68 -4.27	22.16 2.46 -0.01	19.26 1.88 -0.01
BRISTLHL_115KV_TB1 79998	13.98 0.22 -0.12	11.18 0.15 -0.26	10.25 0.16 -0.27	10.26 0.15 -0.27	10.38 0.17 -0.38	15.15 0.30 -0.02	18.86 0.35 -0.27	21.87 0.41 -0.10	20.47 0.36 0.00	19.66 0.31 -0.10	17.43 0.26 0.00	17.56 0.29 0.00	17.09 0.27 0.00	17.41 0.22 0.00	16.93 0.18 -0.03	17.99 0.16 0.00	20.13 0.14 -0.01	24.42 0.37 -0.67	32.49 0.51 0.00	37.93 0.71 0.00	24.93 0.34 -0.30	22.05 0.30 -0.15	19.79 0.10 0.00	17.61 0.23 0.00
BROOKHAVEN___DRP 24191	16.53 1.46 -1.43	14.95 1.07 -3.12	13.88 0.87 -3.19	13.88 0.85 -3.19	15.16 0.83 -4.50	16.48 1.38 -0.27	25.47 1.83 -5.39	30.38 2.07 -6.94	28.52 1.81 -6.60	24.82 1.96 -3.60	24.01 1.73 -5.10	21.84 1.67 -2.90	20.26 1.53 -1.90	20.30 1.63 -1.48	20.67 1.74 -2.22	22.24 2.05 -2.35	25.74 2.40 -3.37	33.65 2.94 -7.33	43.27 3.90 -7.40	41.85 4.62 -0.02	33.34 2.99 -6.07	28.53 2.66 -4.27	22.18 2.48 -0.01	19.28 1.89 -0.01



BROOKLYN_NAVY_YARD 23515	16.03 0.97 -1.43	14.64 0.76 -3.12	13.70 0.69 -3.19	13.69 0.66 -3.19	14.99 0.66 -4.49	16.11 1.01 -0.27	24.98 1.33 -5.40	30.00 1.69 -6.95	28.31 1.59 -6.61	24.48 1.54 -3.68	23.64 1.36 -5.11	21.55 1.38 -2.90	20.06 1.33 -1.91	20.06 1.39 -1.48	20.31 1.35 -2.25	21.65 1.46 -2.36	24.93 1.60 -3.35	33.09 1.94 -7.78	40.64 2.56 -6.11	40.13 2.91 0.00	29.65 1.84 -3.51	25.05 1.73 -1.72	21.25 1.56 0.00	18.49 1.11 0.00
BROOKLYN___ARMY_DRP 323595	16.13 1.06 -1.43	14.70 0.82 -3.12	13.75 0.75 -3.19	13.75 0.72 -3.19	15.03 0.71 -4.49	16.18 1.08 -0.27	25.04 1.39 -5.40	30.06 1.75 -6.95	30.23 1.65 -8.47	27.32 1.62 -6.45	28.33 1.44 -9.72	28.35 1.47 -9.61	24.02 1.40 -5.80	24.01 1.46 -5.35	23.33 1.42 -5.20	27.38 1.53 -8.01	27.39 1.70 -5.72	32.73 2.08 -7.28	40.83 2.75 -6.11	40.31 3.09 0.00	29.44 1.87 -3.28	25.07 1.86 -1.61	21.35 1.65 0.00	18.60 1.22 0.00
BROOKVLE_69_KV_TB1 55790	16.18 1.12 -1.43	14.71 0.83 -3.12	13.72 0.71 -3.19	13.72 0.69 -3.19	15.00 0.67 -4.50	16.17 1.07 -0.27	25.09 1.44 -5.39	29.97 1.67 -6.94	28.30 1.59 -6.60	24.54 1.68 -3.60	23.80 1.53 -5.10	21.66 1.50 -2.90	20.14 1.41 -1.90	20.15 1.48 -1.48	20.42 1.49 -2.22	21.86 1.68 -2.35	25.23 1.90 -3.36	33.01 2.31 -7.33	42.40 3.10 -7.32	40.79 3.57 0.00	32.66 2.31 -6.06	27.96 2.10 -4.27	21.56 1.87 0.00	18.75 1.37 0.00
BROOME_2_LFGE 323671	14.22 0.14 -0.45	11.85 0.11 -0.98	10.92 0.10 -1.00	10.94 0.10 -1.00	11.34 0.09 -1.42	15.14 0.22 -0.08	19.38 0.15 -0.98	21.94 0.19 -0.39	20.35 0.24 0.00	19.24 -0.13 -0.12	17.07 -0.10 0.00	17.20 -0.07 0.00	16.86 0.03 0.00	17.09 -0.10 0.00	16.58 -0.17 -0.04	17.65 -0.18 0.00	19.73 -0.26 -0.01	24.14 -0.02 -0.79	31.81 -0.16 0.00	37.18 -0.04 0.00	24.62 -0.02 -0.36	21.77 0.00 -0.17	19.57 -0.12 0.00	17.48 0.10 0.00
BROOME___LFGE 323600	14.22 0.14 -0.45	11.85 0.11 -0.98	10.92 0.10 -1.00	10.94 0.10 -1.00	11.34 0.09 -1.42	15.14 0.22 -0.08	19.38 0.15 -0.98	21.94 0.19 -0.39	20.35 0.24 0.00	19.24 -0.13 -0.12	17.07 -0.10 0.00	17.20 -0.07 0.00	16.86 0.03 0.00	17.09 -0.10 0.00	16.58 -0.17 -0.04	17.65 -0.18 0.00	19.73 -0.26 -0.01	24.14 -0.02 -0.79	31.81 -0.16 0.00	37.18 -0.04 0.00	24.62 -0.02 -0.36	21.77 0.00 -0.17	19.57 -0.12 0.00	17.48 0.10 0.00
BROWNFLS_115KV_TB_3_5 80003	13.53 -0.15 -0.04	10.72 -0.13 -0.09	9.78 -0.13 -0.09	9.78 -0.15 -0.09	9.83 -0.13 -0.13	14.59 -0.25 -0.01	18.11 -0.24 -0.09	21.16 -0.23 -0.04	19.87 -0.24 0.00	19.04 -0.25 -0.03	16.94 -0.22 0.00	17.01 -0.26 0.00	16.52 -0.30 0.00	16.88 -0.31 0.00	16.40 -0.32 -0.01	17.53 -0.30 0.00	19.64 -0.34 0.00	23.32 -0.28 -0.23	31.85 -0.13 0.00	37.22 0.00 0.00	24.27 -0.12 -0.10	21.54 -0.11 -0.05	19.57 -0.12 0.00	17.27 -0.10 0.00
BROWNSV1_27_KV_LOAD 356125	16.13 1.06 -1.43	14.71 0.83 -3.12	13.75 0.75 -3.19	13.75 0.72 -3.19	15.05 0.73 -4.49	16.20 1.10 -0.27	25.09 1.44 -5.40	30.13 1.82 -6.95	28.43 1.71 -6.61	24.54 1.68 -3.61	23.77 1.49 -5.11	21.67 1.50 -2.90	20.18 1.45 -1.91	20.17 1.50 -1.48	20.41 1.47 -2.23	21.78 1.59 -2.36	25.06 1.74 -3.34	32.75 2.10 -7.28	40.87 2.78 -6.11	40.42 3.20 0.00	29.61 2.04 -3.28	25.11 1.90 -1.61	21.37 1.67 0.00	18.60 1.22 0.00
BURROWS___LYONSDAL 23803	13.89 0.20 -0.05	11.01 0.13 -0.12	10.05 0.11 -0.12	10.04 0.08 -0.12	10.11 0.11 -0.17	14.96 0.12 -0.01	18.55 0.18 -0.12	21.69 0.28 -0.05	20.35 0.24 0.00	19.51 0.21 -0.04	17.36 0.19 0.00	17.40 0.14 0.00	16.92 0.10 0.00	17.29 0.10 0.00	16.79 0.07 -0.01	17.94 0.11 0.00	20.04 0.06 0.00	24.05 0.37 -0.30	32.71 0.74 0.00	38.23 1.00 0.00	24.98 0.56 -0.14	22.12 0.45 -0.07	19.95 0.26 0.00	17.64 0.26 0.00
CAITHNESS_CC_1 323624	16.48 1.42 -1.43	14.91 1.03 -3.12	13.86 0.85 -3.19	13.86 0.83 -3.19	15.13 0.80 -4.50	16.44 1.34 -0.27	25.42 1.77 -5.39	30.33 2.03 -6.94	28.52 1.81 -6.60	24.84 1.91 -3.68	23.94 1.66 -5.10	21.78 1.62 -2.90	20.41 1.68 -1.90	20.28 1.62 -1.48	20.66 1.71 -2.25	22.18 2.00 -2.35	25.69 2.34 -3.37	34.06 2.85 -7.84	43.14 3.77 -7.40	41.67 4.43 -0.02	33.47 2.89 -6.30	28.58 2.59 -4.39	22.11 2.40 -0.02	19.23 1.84 -0.01
CALPINE BETH_PAGE_GT4 24209	16.25 1.19 -1.43	14.74 0.86 -3.12	13.73 0.72 -3.19	13.73 0.70 -3.19	15.01 0.68 -4.50	16.21 1.11 -0.27	25.14 1.50 -5.39	29.99 1.69 -6.94	28.28 1.57 -6.60	24.57 1.71 -3.60	23.83 1.56 -5.10	21.68 1.52 -2.90	20.14 1.41 -1.90	20.16 1.50 -1.48	20.47 1.54 -2.22	21.97 1.78 -2.35	25.38 2.04 -3.36	33.16 2.45 -7.33	42.59 3.29 -7.32	41.06 3.83 0.00	32.83 2.48 -6.06	28.12 2.25 -4.27	21.76 2.07 0.00	18.88 1.49 0.00
CALPINE_BETH_PAGE_GT_4 323586	16.25 1.19 -1.43	14.74 0.86 -3.12	13.73 0.72 -3.19	13.73 0.70 -3.19	15.01 0.68 -4.50	16.21 1.11 -0.27	25.14 1.50 -5.39	29.99 1.69 -6.94	28.34 1.63 -6.60	24.65 1.71 -3.68	23.83 1.56 -5.10	21.68 1.52 -2.90	20.27 1.55 -1.90	20.18 1.51 -1.48	20.51 1.55 -2.25	21.97 1.78 -2.35	25.39 2.04 -3.37	33.66 2.45 -7.84	42.59 3.29 -7.32	41.07 3.83 -0.01	33.06 2.48 -6.29	28.23 2.25 -4.38	21.77 2.07 -0.01	18.88 1.49 0.00
CALPINE_BP_GT1 23823	16.25 1.19 -1.43	14.74 0.86 -3.12	13.73 0.72 -3.19	13.73 0.70 -3.19	15.01 0.68 -4.50	16.21 1.11 -0.27	25.14 1.50 -5.39	29.99 1.69 -6.94	28.34 1.63 -6.60	24.65 1.71 -3.68	23.83 1.56 -5.10	21.68 1.52 -2.90	20.27 1.55 -1.90	20.18 1.51 -1.48	20.51 1.55 -2.25	21.97 1.78 -2.35	25.39 2.04 -3.37	33.66 2.45 -7.84	42.59 3.29 -7.32	41.07 3.83 -0.01	33.06 2.48 -6.29	28.23 2.25 -4.38	21.77 2.07 -0.01	18.88 1.49 0.00
CALSPAN___DRP 24200	13.41 -0.46 -0.23	11.00 -0.27 -0.51	10.06 -0.27 -0.52	10.07 -0.30 -0.52	10.15 -0.41 -0.73	14.55 -0.33 -0.04	17.85 -0.91 -0.51	18.91 -1.52 0.94	19.04 -1.07 0.00	18.20 -1.25 -0.19	16.17 -1.00 0.00	16.45 -0.81 0.00	16.07 -0.76 0.00	16.40 -0.79 0.00	15.92 -0.85 -0.06	16.83 -1.00 0.00	18.74 -1.26 -0.02	23.56 -1.10 -1.29	30.06 -1.92 0.00	35.17 -2.05 0.00	23.85 -1.02 -0.58	21.11 -0.78 -0.28	19.04 -0.65 0.00	17.19 -0.19 0.00
CALVERTON___SOLAR 323806	16.58 1.51 -1.43	14.98 1.10 -3.12	13.92 0.91 -3.19	13.91 0.89 -3.19	15.18 0.85 -4.50	16.53 1.42 -0.27	25.54 1.90 -5.39	30.48 2.18 -6.94	28.64 1.93 -6.60	24.96 2.02 -3.68	24.04 1.77 -5.10	21.87 1.71 -2.90	20.49 1.77 -1.90	20.37 1.70 -1.48	20.76 1.81 -2.25	22.29 2.10 -2.35	25.83 2.48 -3.37	34.27 3.06 -7.84	43.43 4.06 -7.40	42.01 4.77 -0.02	33.69 3.11 -6.30	28.73 2.74 -4.39	22.27 2.56 -0.02	19.35 1.96 -0.01
CANDIGU_WT_PWR 323617	13.69 -0.26 -0.31	11.27 -0.17 -0.68	10.35 -0.16 -0.69	10.36 -0.18 -0.69	10.58 -0.23 -0.98	14.76 -0.13 -0.06	18.46 -0.47 -0.68	15.44 -0.68 5.24	19.57 -0.54 0.00	18.56 -0.77 -0.07	16.50 -0.67 0.00	16.68 -0.59 0.00	16.39 -0.44 0.00	16.57 -0.62 0.00	16.08 -0.65 -0.02	17.17 -0.66 0.00	19.19 -0.80 -0.01	23.31 -0.54 -0.47	31.05 -0.93 0.00	36.37 -0.85 0.00	24.06 -0.44 -0.21	21.36 -0.35 -0.10	19.28 -0.41 0.00	17.31 -0.07 0.00

CARR STREET_E_SYR 24060	13.75 -0.01 -0.13	11.03 -0.02 -0.28	10.10 -0.01 -0.29	10.12 -0.01 -0.29	10.23 -0.01 -0.41	14.87 0.01 -0.02	18.54 0.00 -0.28	21.52 0.04 -0.11	20.11 0.00 0.00	19.19 -0.10 -0.03	17.10 -0.07 0.00	17.20 -0.07 0.00	16.79 -0.03 0.00	17.09 -0.10 0.00	16.60 -0.12 -0.01	17.67 -0.16 0.00	19.74 -0.24 0.00	23.43 -0.14 -0.20	31.75 -0.22 0.00	37.00 -0.22 0.00	24.18 -0.20 -0.09	21.49 -0.15 -0.04	19.46 -0.24 0.00	17.29 -0.09 0.00
CARTHAGE___PAPER 23857	13.80 0.10 -0.07	10.96 0.04 -0.16	10.01 0.03 -0.16	10.00 0.00 -0.16	10.10 0.04 -0.22	14.85 0.00 -0.01	18.46 0.05 -0.16	21.60 0.17 -0.06	20.19 0.08 0.00	19.22 -0.04 0.00	17.17 0.00 0.00	17.21 -0.05 0.00	16.72 -0.10 0.00	17.07 -0.12 0.00	16.56 -0.15 0.00	17.74 -0.09 0.00	19.86 -0.12 0.00	23.58 0.21 0.00	32.61 0.64 0.00	38.11 0.89 0.00	24.75 0.46 0.00	21.94 0.34 0.00	19.81 0.12 0.00	17.52 0.14 0.00
CASSADAGA_WT_PWR 323784	13.26 -0.63 -0.25	10.94 -0.37 -0.54	9.99 -0.38 -0.55	9.99 -0.40 -0.55	10.09 -0.52 -0.78	14.42 -0.46 -0.05	17.64 -1.15 -0.54	19.07 -1.67 0.63	18.80 -1.31 0.00	17.85 -1.46 -0.06	15.90 -1.27 0.00	16.12 -1.14 0.00	15.90 -0.93 0.00	15.99 -1.20 0.00	15.47 -1.25 -0.02	16.57 -1.27 0.00	18.51 -1.48 -0.01	22.51 -1.24 -0.38	30.02 -1.95 0.00	35.25 -1.97 0.00	23.49 -0.97 -0.17	20.93 -0.76 -0.08	18.98 -0.71 0.00	17.08 -0.30 0.00
CE_DUNWOOD___DRP 24194	15.97 0.91 -1.42	14.56 0.70 -3.09	13.61 0.63 -3.17	13.61 0.61 -3.16	14.90 0.61 -4.46	16.03 0.93 -0.27	24.87 1.20 -5.41	29.91 1.50 -7.05	28.25 1.41 -6.73	24.31 1.41 -3.65	23.63 1.25 -5.21	21.46 1.24 -2.96	19.98 1.21 -1.94	19.95 1.25 -1.51	20.19 1.22 -2.26	21.55 1.32 -2.40	24.86 1.48 -3.40	32.39 1.78 -7.24	40.60 2.40 -6.22	39.97 2.75 0.00	29.33 1.77 -3.27	24.82 1.62 -1.60	21.11 1.42 0.00	18.40 1.03 0.00
CE_MILLWOOD___DRP 24193	15.93 0.89 -1.40	14.50 0.68 -3.06	13.56 0.61 -3.13	13.57 0.60 -3.13	14.84 0.59 -4.42	16.00 0.90 -0.26	24.86 1.17 -5.44	30.01 1.45 -7.20	28.39 1.37 -6.91	24.33 1.37 -3.71	23.74 1.22 -5.35	21.51 1.21 -3.04	19.98 1.16 -2.00	19.94 1.20 -1.55	20.19 1.17 -2.31	21.58 1.28 -2.47	24.89 1.42 -3.49	32.28 1.73 -7.18	40.70 2.33 -6.39	39.90 2.68 0.00	29.28 1.75 -3.24	24.76 1.58 -1.59	21.07 1.38 0.00	18.37 0.99 0.00
CE_NYC2_DRP 24202	16.10 1.04 -1.43	14.69 0.81 -3.12	13.73 0.73 -3.19	13.74 0.71 -3.19	15.03 0.71 -4.49	16.17 1.07 -0.27	25.04 1.39 -5.40	30.04 1.73 -6.95	30.21 1.63 -8.47	27.32 1.62 -6.45	28.33 1.44 -9.72	28.33 1.45 -9.61	24.02 1.40 -5.80	23.99 1.44 -5.35	23.33 1.42 -5.20	27.38 1.53 -8.01	27.37 1.68 -5.72	32.66 2.01 -7.28	40.71 2.62 -6.11	40.16 2.94 0.00	29.44 1.87 -3.28	25.04 1.84 -1.61	21.31 1.61 0.00	18.56 1.18 0.00
CE_NYC_DRP 24195	16.06 1.00 -1.43	14.65 0.77 -3.12	13.71 0.70 -3.19	13.71 0.68 -3.19	15.00 0.68 -4.49	16.12 1.02 -0.27	25.00 1.35 -5.40	30.00 1.69 -6.95	28.31 1.59 -6.61	24.42 1.56 -3.61	23.67 1.39 -5.11	21.57 1.40 -2.90	20.09 1.36 -1.91	20.08 1.41 -1.48	20.31 1.37 -2.23	21.67 1.48 -2.36	24.94 1.62 -3.34	32.61 1.96 -7.28	40.64 2.56 -6.11	40.16 2.94 0.00	29.44 1.87 -3.28	24.98 1.77 -1.61	21.27 1.58 0.00	18.49 1.11 0.00
CHAFFEE___LFGE 323603	13.40 -0.48 -0.24	11.01 -0.28 -0.52	10.07 -0.29 -0.54	10.07 -0.31 -0.54	10.17 -0.42 -0.76	14.57 -0.31 -0.04	17.87 -0.91 -0.53	19.16 -1.45 0.75	18.98 -1.13 0.00	18.04 -1.27 -0.06	16.10 -1.06 0.00	16.35 -0.92 0.00	16.12 -0.71 0.00	16.28 -0.91 0.00	15.79 -0.94 -0.02	16.89 -0.95 0.00	18.79 -1.20 -0.01	22.74 -1.00 -0.37	30.18 -1.79 0.00	35.32 -1.90 0.00	23.53 -0.92 -0.17	20.99 -0.69 -0.08	19.10 -0.59 0.00	17.24 -0.14 0.00
CHATEAUG_35_KV_LOAD 355732	12.80 -0.83 0.00	10.21 -0.55 0.00	9.32 -0.50 0.00	9.34 -0.50 0.00	9.33 -0.50 0.00	13.99 -0.85 0.00	17.36 -0.89 0.00	20.36 -1.00 0.00	19.18 -0.92 0.00	18.39 -0.87 0.00	16.38 -0.79 0.00	16.50 -0.76 0.00	16.13 -0.69 0.00	16.52 -0.67 0.00	16.18 -0.53 0.00	17.33 -0.50 0.00	19.66 -0.32 0.00	22.95 -0.42 0.00	31.65 -0.32 0.00	36.92 -0.30 0.00	23.90 -0.39 0.00	21.12 -0.48 0.00	19.34 -0.35 0.00	17.07 -0.31 0.00
CHATEAUG_WT_PWR 323614	12.78 -0.86 0.00	10.21 -0.55 0.00	9.32 -0.50 0.00	9.33 -0.51 0.00	9.32 -0.51 0.00	13.96 -0.88 0.00	17.32 -0.93 0.00	20.23 -1.13 0.00	19.08 -1.02 0.00	18.33 -0.92 0.00	16.36 -0.81 0.00	16.49 -0.78 0.00	16.12 -0.71 0.00	16.52 -0.67 0.00	16.14 -0.57 0.00	17.31 -0.52 0.00	19.64 -0.34 0.00	22.95 -0.42 0.00	31.69 -0.29 0.00	36.96 -0.26 0.00	23.90 -0.39 0.00	21.12 -0.48 0.00	19.34 -0.35 0.00	17.08 -0.30 0.00
CHAT_HIGH_FALL_HYD 323578	12.80 -0.83 0.00	10.21 -0.55 0.00	9.32 -0.50 0.00	9.34 -0.50 0.00	9.33 -0.50 0.00	13.99 -0.84 0.00	17.36 -0.89 0.00	20.25 -1.11 0.00	19.10 -1.00 0.00	18.35 -0.90 0.00	16.38 -0.79 0.00	16.51 -0.76 0.00	16.13 -0.69 0.00	16.52 -0.67 0.00	16.16 -0.55 0.00	17.33 -0.50 0.00	19.66 -0.32 0.00	22.95 -0.42 0.00	31.65 -0.32 0.00	36.92 -0.30 0.00	23.90 -0.39 0.00	21.12 -0.48 0.00	19.34 -0.35 0.00	17.07 -0.31 0.00
CHAUTAUQUA___LFGE 323629	13.44 -0.44 -0.24	11.05 -0.25 -0.53	10.10 -0.26 -0.54	10.11 -0.28 -0.54	10.19 -0.40 -0.76	14.57 -0.31 -0.05	17.89 -0.89 -0.53	19.19 -1.39 0.79	18.98 -1.13 0.00	18.02 -1.29 -0.06	16.09 -1.08 0.00	16.31 -0.95 0.00	16.10 -0.72 0.00	16.23 -0.96 0.00	15.73 -1.00 -0.02	16.83 -1.00 0.00	18.75 -1.24 -0.01	22.72 -1.03 -0.37	30.22 -1.76 0.00	35.40 -1.82 0.00	23.58 -0.87 -0.17	21.01 -0.67 -0.08	19.10 -0.59 0.00	17.22 -0.16 0.00
CHERRYST_13_KV_LD 356241	16.09 1.02 -1.43	14.68 0.80 -3.12	13.72 0.72 -3.19	13.73 0.70 -3.19	15.02 0.70 -4.49	16.15 1.05 -0.27	25.04 1.39 -5.40	30.06 1.75 -6.95	28.37 1.65 -6.61	24.48 1.62 -3.61	23.72 1.44 -5.11	21.62 1.45 -2.90	20.13 1.40 -1.91	20.11 1.44 -1.48	20.36 1.42 -2.23	21.72 1.53 -2.36	25.00 1.68 -3.34	32.68 2.03 -7.28	40.74 2.65 -6.11	40.27 3.05 0.00	29.52 1.94 -3.28	25.02 1.81 -1.61	21.31 1.61 0.00	18.53 1.15 0.00
CHESTROR_138KV_BK263 355645	15.60 0.75 -1.21	13.97 0.57 -2.64	13.02 0.50 -2.70	13.03 0.49 -2.70	14.14 0.50 -3.81	15.80 0.74 -0.23	28.71 0.97 -9.49	41.28 1.20 -18.72	41.42 1.15 -20.17	29.07 1.16 -8.66	33.82 1.03 -15.63	27.16 1.02 -8.87	23.65 0.99 -5.83	22.73 1.01 -4.52	23.76 0.99 -6.06	26.11 1.07 -7.20	31.16 1.20 -9.98	31.25 1.47 -6.41	52.70 2.05 -18.68	39.56 2.34 0.00	28.68 1.51 -2.89	24.38 1.36 -1.42	20.87 1.18 0.00	18.23 0.85 0.00
CH_MIDHUDSON___DRP 24192	15.96 0.83 -1.49	14.64 0.64 -3.24	13.70 0.56 -3.32	13.70 0.54 -3.32	15.07 0.56 -4.68	15.94 0.83 -0.28	24.54 1.06 -5.23	28.84 1.32 -6.15	27.01 1.25 -5.66	23.71 1.23 -3.22	22.47 1.08 -4.22	20.73 1.07 -2.40	19.41 1.01 -1.57	19.46 1.05 -1.22	19.66 1.04 -1.91	20.92 1.14 -1.94	24.06 1.30 -2.78	32.55 1.57 -7.61	39.16 2.14 -5.04	39.64 2.42 0.00	29.33 1.60 -3.44	24.73 1.45 -1.68	20.93 1.24 0.00	18.28 0.90 0.00

CH_MISC_IPPS 23765	15.97 0.90 -1.44	14.57 0.68 -3.13	13.61 0.59 -3.20	13.62 0.58 -3.20	14.94 0.60 -4.51	15.98 0.87 -0.27	24.72 1.13 -5.34	29.67 1.49 -6.82	27.96 1.39 -6.46	24.26 1.35 -3.66	23.42 1.18 -5.07	21.32 1.17 -2.88	19.78 1.06 -1.89	19.78 1.12 -1.47	20.05 1.10 -2.23	21.36 1.19 -2.34	24.68 1.38 -3.33	32.81 1.71 -7.73	40.47 2.43 -6.06	40.01 2.79 0.00	29.58 1.80 -3.49	24.91 1.60 -1.71	21.05 1.36 0.00	18.39 1.01 0.00
CH_RES_BVR_FALLS 23983	13.43 -0.20 0.00	10.61 -0.15 0.00	9.67 -0.15 0.00	9.70 -0.14 0.00	9.69 -0.14 0.00	14.60 -0.24 0.00	18.00 -0.26 0.00	21.00 -0.36 0.00	19.81 -0.30 0.00	18.99 -0.27 0.00	16.94 -0.22 0.00	17.04 -0.22 0.00	16.59 -0.24 0.00	16.95 -0.24 0.00	16.49 -0.22 0.00	17.60 -0.23 0.00	19.76 -0.22 0.00	23.02 -0.35 0.00	31.56 -0.42 0.00	36.74 -0.48 0.00	23.95 -0.34 0.00	21.30 -0.30 0.00	19.48 -0.22 0.00	17.19 -0.19 0.00
CH_RES_NIAGARA 23895	13.17 -0.68 -0.22	10.79 -0.45 -0.48	9.88 -0.42 -0.49	9.88 -0.44 -0.49	9.95 -0.57 -0.69	14.15 -0.73 -0.04	17.52 -1.21 -0.48	19.09 -1.54 0.74	18.20 -1.91 0.00	17.30 -2.00 -0.05	15.47 -1.70 0.00	15.68 -1.59 0.00	15.48 -1.35 0.00	15.64 -1.55 0.00	15.17 -1.55 -0.02	16.23 -1.60 0.00	17.99 -2.00 -0.01	21.70 -2.01 -0.34	28.75 -3.23 0.00	33.53 -3.69 0.00	22.40 -2.04 -0.15	20.01 -1.66 -0.07	18.31 -1.38 0.00	16.51 -0.87 0.00
CH_RES_SYRACUSE 23985	13.90 0.12 -0.14	11.16 0.09 -0.31	10.24 0.10 -0.32	10.25 0.09 -0.32	10.39 0.11 -0.45	15.05 0.19 -0.03	18.79 0.22 -0.31	21.79 0.30 -0.12	20.35 0.24 0.00	19.44 0.15 -0.03	17.29 0.12 0.00	17.40 0.14 0.00	16.98 0.15 0.00	17.28 0.09 0.00	16.79 0.07 -0.01	17.87 0.04 0.00	19.98 0.00 0.00	23.76 0.16 -0.22	32.17 0.19 0.00	37.48 0.26 0.00	24.48 0.10 -0.10	21.76 0.11 -0.05	19.65 -0.04 0.00	17.48 0.10 0.00
CLINTON_WT_PWR 323605	12.78 -0.86 0.00	10.21 -0.55 0.00	9.32 -0.50 0.00	9.33 -0.51 0.00	9.32 -0.51 0.00	13.96 -0.88 0.00	17.32 -0.93 0.00	20.23 -1.13 0.00	19.08 -1.02 0.00	18.33 -0.92 0.00	16.36 -0.81 0.00	16.49 -0.78 0.00	16.12 -0.71 0.00	16.52 -0.67 0.00	16.14 -0.57 0.00	17.31 -0.52 0.00	19.64 -0.34 0.00	22.95 -0.42 0.00	31.69 -0.29 0.00	36.96 -0.26 0.00	23.90 -0.39 0.00	21.12 -0.48 0.00	19.34 -0.35 0.00	17.08 -0.30 0.00
CLINTON__LFGE 323618	12.87 -0.76 0.00	10.29 -0.47 0.00	9.38 -0.44 0.00	9.40 -0.44 0.00	9.39 -0.44 0.00	14.06 -0.77 0.00	17.47 -0.78 0.00	20.42 -0.94 0.00	19.26 -0.84 0.00	18.49 -0.77 0.00	16.50 -0.67 0.00	16.63 -0.64 0.00	16.23 -0.59 0.00	16.64 -0.55 0.00	16.28 -0.43 0.00	17.46 -0.38 0.00	19.84 -0.14 0.00	23.18 -0.19 0.00	32.04 0.06 0.00	37.37 0.15 0.00	24.14 -0.14 0.00	21.32 -0.28 0.00	19.51 -0.18 0.00	17.24 -0.14 0.00
COBBLENY_34_KV_TB1 80064	13.40 -0.48 -0.24	11.01 -0.28 -0.52	10.07 -0.28 -0.54	10.07 -0.31 -0.54	10.17 -0.42 -0.76	14.57 -0.31 -0.04	17.87 -0.91 -0.53	19.11 -1.50 0.75	19.10 -1.01 0.00	18.26 -1.19 -0.20	16.22 -0.94 0.00	16.50 -0.76 0.00	16.13 -0.69 0.00	16.45 -0.74 0.00	15.97 -0.80 -0.06	16.89 -0.95 0.00	18.80 -1.20 -0.02	23.69 -1.01 -1.32	30.18 -1.79 0.00	35.32 -1.90 0.00	23.96 -0.92 -0.60	21.20 -0.69 -0.29	19.10 -0.59 0.00	17.24 -0.14 0.00
COFFEEN__115KV_TB3 355620	14.08 0.37 -0.08	11.19 0.25 -0.18	10.21 0.22 -0.18	10.22 0.20 -0.18	10.33 0.25 -0.25	15.13 0.28 -0.02	18.85 0.42 -0.18	22.01 0.58 -0.07	20.55 0.44 0.00	19.65 0.33 -0.07	17.46 0.29 0.00	17.49 0.22 0.00	16.99 0.17 0.00	17.35 0.15 0.00	16.83 0.10 -0.02	18.01 0.18 0.00	20.15 0.16 -0.01	24.43 0.61 -0.44	33.19 1.22 0.00	38.82 1.60 0.00	25.41 0.92 -0.20	22.43 0.73 -0.10	20.09 0.39 0.00	17.78 0.40 0.00
COLDSPRG_115KV_BK1 355956	13.43 -0.46 -0.25	11.06 -0.26 -0.55	10.09 -0.29 -0.56	10.10 -0.31 -0.56	10.20 -0.42 -0.80	14.72 -0.16 -0.05	17.89 -0.91 -0.55	19.58 -1.41 0.38	19.44 -0.66 0.00	18.58 -0.89 -0.21	16.46 -0.70 0.00	16.76 -0.50 0.00	16.40 -0.42 0.00	16.69 -0.50 0.00	16.17 -0.60 -0.07	17.06 -0.77 0.00	19.04 -0.96 -0.02	24.11 -0.65 -1.39	30.79 -1.18 0.00	36.14 -1.08 0.00	24.53 -0.39 -0.63	21.65 -0.26 -0.31	19.42 -0.28 0.00	17.54 0.16 0.00
COLONIE_LFGE__ 323577	16.00 0.50 -1.86	15.23 0.41 -4.06	14.34 0.37 -4.15	14.35 0.36 -4.15	16.05 0.36 -5.85	15.78 0.59 -0.35	24.06 0.68 -5.13	26.23 0.94 -3.93	23.77 0.81 -2.85	22.46 0.71 -2.49	19.94 0.60 -2.17	19.08 0.59 -1.23	18.19 0.55 -0.81	18.45 0.64 -0.63	18.57 0.62 -1.24	19.56 0.73 -1.00	22.33 0.84 -1.52	33.90 1.03 -9.50	36.00 1.44 -2.59	38.78 1.56 0.00	29.69 1.12 -4.29	24.67 0.97 -2.10	20.46 0.77 0.00	17.97 0.59 0.00
COOPERNY_115KV_TB1 80082	15.15 0.60 -0.91	13.20 0.45 -1.99	12.26 0.40 -2.04	12.27 0.39 -2.03	13.10 0.40 -2.87	15.60 0.59 -0.17	19.70 0.77 -0.68	18.05 0.94 4.25	15.24 0.90 5.77	18.71 0.96 1.51	13.38 0.86 4.65	15.47 0.85 2.64	15.91 0.82 1.73	16.69 0.84 1.34	16.06 0.82 1.47	16.56 0.87 2.14	18.10 0.98 2.86	29.81 1.22 -5.22	28.08 1.66 5.56	39.16 1.94 0.00	27.88 1.24 -2.36	23.88 1.12 -1.15	20.66 0.96 0.00	18.09 0.71 0.00
COPENHAGEN_WT_PWR 323753	13.98 0.26 -0.08	11.11 0.16 -0.18	10.14 0.14 -0.19	10.14 0.12 -0.19	10.25 0.16 -0.26	15.03 0.18 -0.02	18.69 0.26 -0.18	21.86 0.43 -0.07	20.41 0.30 0.00	19.39 0.14 0.00	17.34 0.17 0.00	17.39 0.12 0.00	16.91 0.08 0.00	17.24 0.05 0.00	16.73 0.02 0.00	17.90 0.07 0.00	20.00 0.02 0.00	23.77 0.40 0.00	32.84 0.86 0.00	38.38 1.16 0.00	24.94 0.66 0.00	22.12 0.52 0.00	19.93 0.24 0.00	17.64 0.26 0.00
CORNELL____ 23752	14.28 0.33 -0.31	11.69 0.24 -0.69	10.76 0.24 -0.70	10.78 0.24 -0.70	11.07 0.25 -0.99	15.32 0.43 -0.06	19.43 0.49 -0.69	22.54 0.58 -0.60	20.69 0.58 0.00	19.84 0.33 -0.26	17.44 0.27 0.00	17.58 0.31 0.00	17.13 0.30 0.00	17.45 0.26 0.00	16.99 0.20 -0.08	18.01 0.18 0.00	20.18 0.18 -0.03	25.60 0.49 -1.73	32.61 0.64 0.00	38.08 0.86 0.00	25.55 0.49 -0.78	22.39 0.41 -0.38	19.89 0.20 0.00	17.73 0.35 0.00
CORONAAV_69_KV_TB1 355595	16.18 1.12 -1.43	14.70 0.82 -3.12	13.70 0.69 -3.19	13.69 0.66 -3.19	14.98 0.65 -4.50	16.15 1.05 -0.27	25.05 1.41 -5.39	29.86 1.56 -6.94	28.18 1.47 -6.60	24.48 1.62 -3.60	23.75 1.48 -5.10	21.60 1.43 -2.90	20.07 1.35 -1.90	20.06 1.39 -1.48	20.37 1.44 -2.22	21.84 1.66 -2.35	25.21 1.88 -3.36	32.92 2.22 -7.33	42.30 3.01 -7.32	40.72 3.50 0.00	32.58 2.23 -6.06	27.96 2.10 -4.26	21.60 1.91 0.00	18.77 1.39 0.00
CORTLAND_115KV_TB3 80093	14.11 0.22 -0.25	11.48 0.16 -0.55	10.54 0.16 -0.57	10.55 0.15 -0.57	10.79 0.16 -0.80	15.18 0.30 -0.05	19.12 0.31 -0.55	21.95 0.36 -0.22	20.49 0.38 0.00	19.62 0.15 -0.21	17.32 0.15 0.00	17.44 0.17 0.00	17.01 0.19 0.00	17.33 0.14 0.00	16.86 0.08 -0.07	17.89 0.05 0.00	20.02 0.02 -0.02	25.03 0.26 -1.40	32.29 0.32 0.00	37.67 0.45 0.00	25.16 0.24 -0.63	22.12 0.22 -0.31	19.75 0.06 0.00	17.59 0.21 0.00

COXSACKIE___GT 23611	15.99 0.63 -1.73	15.04 0.51 -3.77	14.08 0.40 -3.86	14.09 0.39 -3.86	15.73 0.45 -5.44	15.83 0.67 -0.32	23.99 0.78 -4.95	26.78 1.26 -4.16	24.29 0.97 -3.22	22.58 0.77 -2.56	20.21 0.57 -2.47	19.20 0.54 -1.40	18.15 0.40 -0.92	18.42 0.52 -0.72	18.56 0.52 -1.33	19.61 0.64 -1.14	22.54 0.86 -1.70	33.41 1.10 -8.94	36.82 1.89 -2.96	39.19 1.97 0.00	29.56 1.24 -4.04	24.61 1.04 -1.98	20.46 0.77 0.00	17.95 0.57 0.00
CPV_VALLEY___CC1 323721	15.41 0.70 -1.08	13.65 0.54 -2.35	12.69 0.47 -2.40	12.71 0.46 -2.40	13.69 0.47 -3.39	15.73 0.70 -0.20	20.15 0.89 -1.01	18.14 1.15 4.37	15.15 1.07 6.03	18.88 1.08 1.45	13.23 0.96 4.90	15.43 0.95 2.78	15.92 0.92 1.83	16.74 0.96 1.42	16.12 0.92 1.51	16.57 1.00 2.26	18.10 1.12 3.00	31.19 1.38 -6.44	28.00 1.89 5.86	39.42 2.20 0.00	28.60 1.41 -2.91	24.30 1.27 -1.42	20.79 1.10 0.00	18.18 0.80 0.00
CPV_VALLEY___CC2 323722	15.41 0.70 -1.08	13.65 0.54 -2.35	12.69 0.47 -2.40	12.71 0.46 -2.40	13.69 0.47 -3.39	15.73 0.70 -0.20	20.15 0.89 -1.01	18.14 1.15 4.37	15.15 1.07 6.03	18.88 1.08 1.45	13.23 0.96 4.90	15.43 0.95 2.78	15.92 0.92 1.83	16.74 0.96 1.42	16.12 0.92 1.51	16.57 1.00 2.26	18.10 1.12 3.00	31.19 1.38 -6.44	28.00 1.89 5.86	39.42 2.20 0.00	28.60 1.41 -2.91	24.30 1.27 -1.42	20.79 1.10 0.00	18.18 0.80 0.00
CRESCENT___HYD 24018	16.00 0.50 -1.86	15.23 0.41 -4.06	14.34 0.37 -4.15	14.35 0.36 -4.15	16.05 0.36 -5.85	15.78 0.59 -0.35	24.06 0.68 -5.13	26.23 0.94 -3.93	23.77 0.81 -2.85	22.46 0.71 -2.49	19.94 0.60 -2.17	19.08 0.59 -1.23	18.19 0.55 -0.81	18.45 0.64 -0.63	18.57 0.62 -1.24	19.56 0.73 -1.00	22.33 0.84 -1.52	33.90 1.03 -9.50	36.00 1.44 -2.59	38.78 1.56 0.00	29.69 1.12 -4.29	24.67 0.97 -2.10	20.46 0.77 0.00	17.97 0.59 0.00
CRICKET___VALLEY_CC1 323756	15.88 0.68 -1.56	14.70 0.53 -3.41	13.79 0.48 -3.49	13.79 0.46 -3.48	15.21 0.46 -4.91	15.84 0.71 -0.29	24.28 0.86 -5.17	28.18 1.13 -5.69	26.20 1.01 -5.09	23.42 1.00 -3.16	21.93 0.86 -3.91	20.33 0.85 -2.22	19.12 0.84 -1.46	19.23 0.91 -1.13	19.44 0.90 -1.83	20.63 1.00 -1.80	23.69 1.12 -2.60	32.99 1.33 -8.29	38.37 1.73 -4.67	39.15 1.93 0.00	29.34 1.31 -3.74	24.64 1.21 -1.83	20.72 1.02 0.00	18.13 0.75 0.00
CRICKET___VALLEY_CC2 323757	15.88 0.68 -1.56	14.70 0.53 -3.41	13.79 0.48 -3.49	13.79 0.46 -3.48	15.21 0.46 -4.91	15.84 0.71 -0.29	24.28 0.86 -5.17	28.18 1.13 -5.69	26.20 1.01 -5.09	23.42 1.00 -3.16	21.93 0.86 -3.91	20.33 0.85 -2.22	19.12 0.84 -1.46	19.23 0.91 -1.13	19.44 0.90 -1.83	20.63 1.00 -1.80	23.69 1.12 -2.60	32.99 1.33 -8.29	38.37 1.73 -4.67	39.15 1.93 0.00	29.34 1.31 -3.74	24.64 1.21 -1.83	20.72 1.02 0.00	18.13 0.75 0.00
CRICKET___VALLEY_CC3 323758	15.88 0.68 -1.56	14.70 0.53 -3.41	13.79 0.48 -3.49	13.79 0.46 -3.48	15.21 0.46 -4.91	15.84 0.71 -0.29	24.28 0.86 -5.17	28.18 1.13 -5.69	26.20 1.01 -5.09	23.42 1.00 -3.16	21.93 0.86 -3.91	20.33 0.85 -2.22	19.12 0.84 -1.46	19.23 0.91 -1.13	19.44 0.90 -1.83	20.63 1.00 -1.80	23.69 1.12 -2.60	32.99 1.33 -8.29	38.37 1.73 -4.67	39.15 1.93 0.00	29.34 1.31 -3.74	24.64 1.21 -1.83	20.72 1.02 0.00	18.13 0.75 0.00
CRUCIBLE_METL_DRP 24180	13.90 0.12 -0.14	11.16 0.09 -0.31	10.24 0.10 -0.32	10.25 0.09 -0.32	10.39 0.11 -0.45	15.05 0.19 -0.03	18.79 0.22 -0.31	21.72 0.23 -0.12	20.31 0.20 0.00	19.51 0.13 -0.12	17.29 0.12 0.00	17.40 0.14 0.00	16.96 0.13 0.00	17.29 0.10 0.00	16.81 0.07 -0.04	17.85 0.02 0.00	19.99 0.00 -0.01	24.33 0.16 -0.79	32.17 0.19 0.00	37.48 0.26 0.00	24.74 0.10 -0.36	21.88 0.11 -0.17	19.65 -0.04 0.00	17.48 0.10 0.00
DAHOWA___HYDRO 323763	16.24 0.72 -1.88	15.42 0.56 -4.10	14.53 0.51 -4.20	14.54 0.50 -4.19	16.26 0.51 -5.92	16.03 0.85 -0.35	24.46 1.06 -5.15	26.64 1.41 -3.87	24.06 1.19 -2.77	22.76 1.04 -2.47	20.09 0.82 -2.10	19.27 0.81 -1.19	18.33 0.72 -0.78	18.62 0.83 -0.61	18.70 0.77 -1.22	19.74 0.94 -0.97	22.49 1.04 -1.47	34.30 1.36 -9.57	36.63 2.14 -2.51	39.68 2.46 0.00	30.33 1.72 -4.32	25.16 1.45 -2.12	20.85 1.16 0.00	18.27 0.89 0.00
DANC___LFGE 323619	13.92 0.19 -0.10	11.09 0.12 -0.21	10.15 0.12 -0.22	10.15 0.10 -0.22	10.26 0.13 -0.30	15.02 0.16 -0.02	18.67 0.20 -0.21	21.79 0.34 -0.08	20.35 0.24 0.00	19.39 0.12 -0.02	17.30 0.14 0.00	17.39 0.12 0.00	16.93 0.10 0.00	17.24 0.05 0.00	16.73 0.02 -0.01	17.87 0.04 0.00	19.96 -0.02 0.00	23.80 0.28 -0.15	32.55 0.58 0.00	38.00 0.78 0.00	24.79 0.44 -0.07	21.98 0.34 -0.03	19.81 0.12 0.00	17.57 0.19 0.00
DANSKAMMER___1 23586	15.97 0.90 -1.44	14.57 0.68 -3.13	13.61 0.59 -3.20	13.62 0.58 -3.20	14.94 0.60 -4.51	15.98 0.87 -0.27	24.72 1.13 -5.34	29.67 1.49 -6.82	27.96 1.39 -6.46	24.26 1.35 -3.66	23.42 1.18 -5.07	21.32 1.17 -2.88	19.78 1.06 -1.89	19.78 1.12 -1.47	20.05 1.10 -2.23	21.36 1.19 -2.34	24.68 1.38 -3.33	32.81 1.71 -7.73	40.47 2.43 -6.06	40.01 2.79 0.00	29.58 1.80 -3.49	24.91 1.60 -1.71	21.05 1.36 0.00	18.39 1.01 0.00
DANSKAMMER___2 23589	15.97 0.90 -1.44	14.57 0.68 -3.13	13.61 0.59 -3.20	13.62 0.58 -3.20	14.94 0.60 -4.51	15.98 0.87 -0.27	24.72 1.13 -5.34	29.67 1.49 -6.82	27.96 1.39 -6.46	24.26 1.35 -3.66	23.42 1.18 -5.07	21.32 1.17 -2.88	19.78 1.06 -1.89	19.78 1.12 -1.47	20.05 1.10 -2.23	21.36 1.19 -2.34	24.68 1.38 -3.33	32.81 1.71 -7.73	40.47 2.43 -6.06	40.01 2.79 0.00	29.58 1.80 -3.49	24.91 1.60 -1.71	21.05 1.36 0.00	18.39 1.01 0.00
DANSKAMMER___3 23590	15.97 0.90 -1.44	14.57 0.68 -3.13	13.61 0.59 -3.20	13.62 0.58 -3.20	14.94 0.60 -4.51	15.98 0.87 -0.27	24.72 1.13 -5.34	29.67 1.49 -6.82	27.96 1.39 -6.46	24.26 1.35 -3.66	23.42 1.18 -5.07	21.32 1.17 -2.88	19.78 1.06 -1.89	19.78 1.12 -1.47	20.05 1.10 -2.23	21.36 1.19 -2.34	24.68 1.38 -3.33	32.81 1.71 -7.73	40.47 2.43 -6.06	40.01 2.79 0.00	29.58 1.80 -3.49	24.91 1.60 -1.71	21.05 1.36 0.00	18.39 1.01 0.00
DANSKAMMER___4 23591	15.97 0.90 -1.44	14.57 0.68 -3.13	13.61 0.59 -3.20	13.62 0.58 -3.20	14.94 0.60 -4.51	15.98 0.87 -0.27	24.72 1.13 -5.34	29.67 1.49 -6.82	27.96 1.39 -6.46	24.26 1.35 -3.66	23.42 1.18 -5.07	21.32 1.17 -2.88	19.78 1.06 -1.89	19.78 1.12 -1.47	20.05 1.10 -2.23	21.36 1.19 -2.34	24.68 1.38 -3.33	32.81 1.71 -7.73	40.47 2.43 -6.06	40.01 2.79 0.00	29.58 1.80 -3.49	24.91 1.60 -1.71	21.05 1.36 0.00	18.39 1.01 0.00
DANSKAMMER___DIESEL 23592	15.97 0.90 -1.44	14.57 0.68 -3.13	13.61 0.59 -3.20	13.62 0.58 -3.20	14.94 0.60 -4.51	15.98 0.88 -0.27	24.72 1.13 -5.34	29.63 1.45 -6.82	27.96 1.39 -6.46	24.20 1.37 -3.58	23.44 1.20 -5.07	21.34 1.19 -2.88	19.81 1.09 -1.89	19.78 1.12 -1.47	20.02 1.10 -2.21	21.36 1.19 -2.34	24.67 1.38 -3.32	32.30 1.71 -7.22	40.47 2.43 -6.06	40.01 2.79 0.00	29.35 1.80 -3.26	24.79 1.60 -1.60	21.05 1.36 0.00	18.39 1.01 0.00

DARBY___SOLAR 323810	16.20 0.68 -1.88	15.40 0.54 -4.10	14.50 0.49 -4.19	14.51 0.48 -4.19	16.22 0.48 -5.91	15.99 0.80 -0.35	24.38 0.98 -5.15	26.56 1.32 -3.87	24.01 1.13 -2.78	22.71 0.98 -2.47	20.08 0.81 -2.11	19.26 0.79 -1.20	18.32 0.71 -0.79	18.61 0.81 -0.61	18.69 0.75 -1.22	19.71 0.91 -0.97	22.46 1.00 -1.48	34.22 1.28 -9.57	36.48 1.98 -2.52	39.49 2.27 0.00	30.21 1.60 -4.32	25.08 1.36 -2.11	20.77 1.08 0.00	18.21 0.83 0.00
DASHVILLE___HYD 23610	15.94 0.80 -1.50	14.64 0.60 -3.28	13.69 0.52 -3.35	13.70 0.51 -3.35	15.10 0.54 -4.73	15.87 0.76 -0.28	23.95 0.97 -4.73	27.38 1.35 -4.67	25.34 1.27 -3.96	23.18 1.27 -2.65	21.38 1.12 -3.10	20.13 1.10 -1.76	18.99 1.01 -1.16	19.14 1.05 -0.90	19.24 1.04 -1.50	20.38 1.12 -1.43	23.35 1.30 -2.07	32.33 1.43 -7.53	37.92 2.24 -3.70	39.49 2.27 0.00	29.15 1.46 -3.40	24.60 1.34 -1.67	20.85 1.16 0.00	18.23 0.85 0.00
DEERFIELD_69_KV_DEERFIELD LD 355887	16.83 1.76 -1.43	15.16 1.28 -3.12	14.08 1.07 -3.19	14.07 1.04 -3.19	15.34 1.01 -4.50	16.76 1.66 -0.27	25.86 2.21 -5.39	30.87 2.56 -6.94	28.96 2.25 -6.60	25.27 2.41 -3.60	24.38 2.11 -5.10	22.20 2.04 -2.90	20.60 1.87 -1.90	20.64 1.98 -1.48	21.02 2.09 -2.22	22.61 2.43 -2.35	26.20 2.86 -3.37	34.28 3.58 -7.33	44.20 4.83 -7.40	42.89 5.66 -0.02	33.97 3.62 -6.07	29.05 3.18 -4.27	22.64 2.93 -0.01	19.67 2.28 -0.01
DELAWARE___LFGE 323621	14.83 0.52 -0.68	12.63 0.39 -1.48	11.68 0.34 -1.51	11.71 0.35 -1.51	12.33 0.36 -2.13	15.49 0.53 -0.13	20.37 0.64 -1.48	22.01 0.83 0.19	20.03 0.80 0.88	20.37 0.91 -0.20	17.27 0.82 0.72	17.65 0.79 0.41	17.35 0.79 0.27	17.81 0.83 0.21	17.39 0.77 0.09	18.34 0.84 0.33	20.50 0.92 0.40	28.27 1.17 -3.73	32.71 1.60 0.86	39.04 1.82 0.00	27.21 1.24 -1.68	23.53 1.10 -0.82	20.58 0.89 0.00	18.07 0.70 0.00
DERFIELD_115KV_TB7 355931	13.68 0.04 0.00	10.78 0.02 0.00	9.84 0.02 0.00	9.86 0.02 0.00	9.85 0.02 0.00	14.86 0.03 0.00	18.29 0.04 0.00	21.41 0.04 0.00	20.15 0.04 0.00	19.31 0.06 0.00	17.22 0.05 0.00	17.30 0.03 0.00	16.86 0.03 0.00	17.24 0.05 0.00	16.74 0.03 0.00	17.89 0.05 0.00	20.04 0.06 0.00	23.49 0.12 0.00	32.13 0.16 0.00	37.41 0.19 0.00	24.41 0.12 0.00	21.71 0.11 0.00	19.75 0.06 0.00	17.43 0.05 0.00
DOGLEVILLE___HYD 23807	14.03 0.40 0.00	11.06 0.30 0.00	10.08 0.27 0.00	10.12 0.28 0.00	10.12 0.29 0.00	15.28 0.44 0.00	18.82 0.57 0.00	22.09 0.73 0.00	20.81 0.70 0.00	19.93 0.67 0.00	17.79 0.62 0.00	17.83 0.57 0.00	17.38 0.55 0.00	17.78 0.58 0.00	17.26 0.55 0.00	18.40 0.57 0.00	20.64 0.66 0.00	24.26 0.89 0.00	33.29 1.31 0.00	38.71 1.49 0.00	25.26 0.97 0.00	22.49 0.89 0.00	20.42 0.73 0.00	18.04 0.66 0.00
DUNKIRK___115KV_TB_200 55889	13.46 -0.42 -0.24	11.06 -0.24 -0.53	10.10 -0.26 -0.54	10.12 -0.27 -0.54	10.21 -0.38 -0.76	14.58 -0.30 -0.05	17.93 -0.86 -0.53	19.13 -1.43 0.80	19.10 -1.01 0.00	18.26 -1.19 -0.20	16.21 -0.96 0.00	16.49 -0.78 0.00	16.12 -0.71 0.00	16.43 -0.76 0.00	15.94 -0.84 -0.06	16.85 -0.98 0.00	18.78 -1.22 -0.02	23.70 -1.01 -1.34	30.22 -1.76 0.00	35.40 -1.82 0.00	24.02 -0.87 -0.60	21.23 -0.67 -0.30	19.12 -0.57 0.00	17.24 -0.14 0.00
DUNKIRK___1 23563	13.46 -0.42 -0.24	11.06 -0.24 -0.53	10.10 -0.26 -0.54	10.12 -0.27 -0.54	10.21 -0.38 -0.76	14.58 -0.30 -0.05	17.93 -0.86 -0.53	19.13 -1.43 0.80	19.10 -1.01 0.00	18.26 -1.19 -0.20	16.21 -0.96 0.00	16.49 -0.78 0.00	16.12 -0.71 0.00	16.43 -0.76 0.00	15.94 -0.84 -0.06	16.85 -0.98 0.00	18.78 -1.22 -0.02	23.70 -1.01 -1.34	30.22 -1.76 0.00	35.40 -1.82 0.00	24.02 -0.87 -0.60	21.23 -0.67 -0.30	19.12 -0.57 0.00	17.24 -0.14 0.00
DUNKIRK___2 23564	13.46 -0.42 -0.24	11.06 -0.24 -0.53	10.10 -0.26 -0.54	10.12 -0.27 -0.54	10.21 -0.38 -0.76	14.58 -0.30 -0.05	17.93 -0.86 -0.53	19.13 -1.43 0.80	19.10 -1.01 0.00	18.26 -1.19 -0.20	16.21 -0.96 0.00	16.49 -0.78 0.00	16.12 -0.71 0.00	16.43 -0.76 0.00	15.94 -0.84 -0.06	16.85 -0.98 0.00	18.78 -1.22 -0.02	23.70 -1.01 -1.34	30.22 -1.76 0.00	35.40 -1.82 0.00	24.02 -0.87 -0.60	21.23 -0.67 -0.30	19.12 -0.57 0.00	17.24 -0.14 0.00
DUNKIRK___3 23565	13.43 -0.45 -0.24	11.03 -0.26 -0.53	10.09 -0.27 -0.54	10.10 -0.29 -0.54	10.19 -0.40 -0.76	14.57 -0.31 -0.05	17.91 -0.88 -0.53	19.07 -1.43 0.86	19.14 -0.97 0.00	18.30 -1.16 -0.20	16.24 -0.93 0.00	16.50 -0.76 0.00	16.15 -0.67 0.00	16.47 -0.72 0.00	15.97 -0.80 -0.06	16.87 -0.96 0.00	18.80 -1.20 -0.02	23.70 -1.01 -1.34	30.25 -1.73 0.00	35.40 -1.82 0.00	24.02 -0.87 -0.60	21.23 -0.67 -0.30	19.10 -0.59 0.00	17.22 -0.16 0.00
DUNKIRK___4 23566	13.42 -0.45 -0.24	11.02 -0.26 -0.52	10.08 -0.27 -0.53	10.09 -0.28 -0.53	10.18 -0.40 -0.75	14.57 -0.31 -0.04	17.88 -0.89 -0.52	18.97 -1.45 0.94	19.08 -1.03 0.00	18.24 -1.21 -0.20	16.19 -0.98 0.00	16.49 -0.78 0.00	16.10 -0.72 0.00	16.42 -0.77 0.00	15.94 -0.84 -0.06	16.85 -0.98 0.00	18.76 -1.24 -0.02	23.65 -1.03 -1.31	30.18 -1.79 0.00	35.36 -1.86 0.00	23.96 -0.92 -0.59	21.20 -0.69 -0.29	19.10 -0.59 0.00	17.22 -0.16 0.00
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	16.01 0.94 -1.43	14.61 0.73 -3.12	13.66 0.65 -3.19	13.66 0.63 -3.19	14.95 0.63 -4.49	16.07 0.96 -0.27	24.89 1.24 -5.40	29.85 1.54 -6.95	28.19 1.47 -6.62	24.31 1.44 -3.61	23.57 1.29 -5.11	21.46 1.29 -2.90	19.98 1.24 -1.91	19.96 1.29 -1.48	20.19 1.25 -2.23	21.56 1.37 -2.36	24.84 1.52 -3.34	32.50 1.85 -7.28	40.58 2.49 -6.11	40.05 2.83 0.00	29.39 1.82 -3.28	24.89 1.68 -1.61	21.15 1.46 0.00	18.44 1.06 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	15.79 0.82 -1.33	14.28 0.61 -2.91	13.33 0.54 -2.97	13.34 0.53 -2.97	14.57 0.55 -4.19	15.88 0.80 -0.25	24.84 1.04 -5.55	30.51 1.32 -7.83	29.06 1.27 -7.68	24.52 1.27 -3.99	24.31 1.12 -6.03	21.79 1.10 -3.42	20.11 1.04 -2.25	20.02 1.08 -1.74	20.31 1.05 -2.54	21.73 1.12 -2.78	25.17 1.28 -3.91	31.80 1.59 -6.84	41.41 2.24 -7.20	39.79 2.57 0.00	29.03 1.65 -3.09	24.58 1.47 -1.51	20.95 1.26 0.00	18.30 0.92 0.00
E179THST_138_KV_TB4_REV_LBMP_J 345001	16.03 0.97 -1.43	14.63 0.75 -3.12	13.70 0.69 -3.19	13.69 0.66 -3.19	14.99 0.66 -4.49	16.08 0.99 -0.25	24.95 1.31 -5.38	29.92 1.62 -6.93	28.26 1.55 -6.61	24.38 1.52 -3.60	23.64 1.37 -5.10	21.52 1.36 -2.89	20.05 1.33 -1.90	20.04 1.38 -1.47	20.26 1.34 -2.22	21.62 1.44 -2.35	24.91 1.60 -3.34	32.53 1.89 -7.26	40.58 2.49 -6.11	40.01 2.79 0.00	29.32 1.75 -3.28	24.92 1.73 -1.59	21.21 1.54 0.02	18.47 1.09 0.00
E179THST_13_KV_LOAD 356214	16.09 1.02 -1.43	14.68 0.80 -3.12	13.72 0.72 -3.19	13.72 0.69 -3.19	15.01 0.69 -4.49	16.14 1.05 -0.25	25.00 1.37 -5.38	30.03 1.73 -6.93	28.34 1.63 -6.61	24.45 1.60 -3.60	23.71 1.44 -5.10	21.59 1.43 -2.89	20.12 1.40 -1.90	20.11 1.44 -1.47	20.33 1.40 -2.22	21.70 1.52 -2.35	24.99 1.68 -3.34	32.64 2.01 -7.26	40.71 2.62 -6.11	40.16 2.94 0.00	29.42 1.85 -3.28	25.01 1.81 -1.59	21.29 1.61 0.02	18.54 1.16 0.00

EAST HAMPTON___GT 23717	16.96 1.89 -1.43	15.27 1.39 -3.12	14.17 1.16 -3.19	14.17 1.14 -3.19	15.43 1.10 -4.50	16.91 1.81 -0.27	26.06 2.41 -5.39	31.10 2.80 -6.94	29.25 2.53 -6.60	25.55 2.62 -3.68	24.55 2.28 -5.10	22.36 2.19 -2.90	20.98 2.26 -1.90	20.83 2.17 -1.48	21.21 2.25 -2.25	22.79 2.60 -2.35	26.41 3.06 -3.37	35.09 3.88 -7.84	44.61 5.24 -7.40	43.35 6.10 -0.02	34.52 3.93 -6.30	29.40 3.41 -4.39	22.84 3.13 -0.02	19.86 2.47 -0.01
EAST RIVER___6 23660	16.03 0.97 -1.43	14.64 0.76 -3.12	13.70 0.69 -3.19	13.69 0.66 -3.19	15.00 0.67 -4.49	16.11 1.01 -0.27	24.96 1.31 -5.40	30.00 1.69 -6.95	28.31 1.59 -6.61	24.48 1.54 -3.68	23.67 1.39 -5.11	21.57 1.40 -2.90	20.08 1.35 -1.91	20.08 1.41 -1.48	20.35 1.39 -2.25	21.67 1.48 -2.36	24.93 1.60 -3.35	33.12 1.96 -7.78	40.64 2.56 -6.11	40.13 2.91 0.00	29.65 1.84 -3.51	25.05 1.73 -1.72	21.23 1.54 0.00	18.46 1.08 0.00
EAST RIVER___7 23524	16.03 0.97 -1.43	14.64 0.76 -3.12	13.70 0.69 -3.19	13.69 0.66 -3.19	15.00 0.67 -4.49	16.11 1.01 -0.27	24.96 1.31 -5.40	30.00 1.69 -6.95	28.31 1.59 -6.61	24.48 1.54 -3.68	23.67 1.39 -5.11	21.57 1.40 -2.90	20.08 1.35 -1.91	20.08 1.41 -1.48	20.35 1.39 -2.25	21.67 1.48 -2.36	24.93 1.60 -3.35	33.12 1.96 -7.78	40.64 2.56 -6.11	40.13 2.91 0.00	29.65 1.84 -3.51	25.05 1.73 -1.72	21.23 1.54 0.00	18.46 1.08 0.00
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	15.97 0.91 -1.42	14.56 0.70 -3.09	13.61 0.63 -3.17	13.61 0.61 -3.16	14.90 0.61 -4.46	16.03 0.93 -0.27	24.87 1.20 -5.41	29.91 1.50 -7.05	28.25 1.41 -6.73	24.31 1.41 -3.65	23.63 1.25 -5.21	21.46 1.24 -2.96	19.98 1.21 -1.94	19.95 1.25 -1.51	20.19 1.22 -2.26	21.55 1.32 -2.40	24.86 1.48 -3.40	32.39 1.78 -7.24	40.60 2.40 -6.22	39.97 2.75 0.00	29.33 1.77 -3.27	24.82 1.62 -1.60	21.11 1.42 0.00	18.40 1.03 0.00
EAST_HAMPTON___DIESEL 23722	16.96 1.89 -1.43	15.27 1.39 -3.12	14.18 1.17 -3.19	14.17 1.14 -3.19	15.43 1.10 -4.50	16.91 1.81 -0.27	26.06 2.41 -5.39	31.12 2.82 -6.94	29.25 2.53 -6.60	25.55 2.62 -3.68	24.55 2.28 -5.10	22.36 2.19 -2.90	20.98 2.26 -1.90	20.83 2.17 -1.48	21.21 2.25 -2.25	22.79 2.60 -2.35	26.43 3.08 -3.37	35.12 3.90 -7.84	44.64 5.27 -7.40	43.38 6.14 -0.02	34.54 3.96 -6.30	29.42 3.43 -4.39	22.86 3.15 -0.02	19.86 2.47 -0.01
EAST_PULASKI___ESR 323781	13.98 0.23 -0.11	11.16 0.15 -0.24	10.22 0.16 -0.25	10.24 0.15 -0.25	10.35 0.17 -0.35	15.11 0.25 -0.02	18.79 0.29 -0.24	21.84 0.38 -0.10	20.41 0.30 0.00	19.58 0.23 -0.09	17.39 0.22 0.00	17.51 0.24 0.00	17.03 0.20 0.00	17.36 0.17 0.00	16.87 0.13 -0.03	17.96 0.12 0.00	20.07 0.08 -0.01	24.34 0.35 -0.61	32.52 0.54 0.00	37.96 0.74 0.00	24.98 0.41 -0.28	22.10 0.37 -0.14	19.83 0.14 0.00	17.62 0.24 0.00
EAST_RIVER___1 323558	16.06 0.99 -1.43	14.65 0.78 -3.12	13.71 0.70 -3.19	13.71 0.68 -3.19	15.00 0.68 -4.49	16.12 1.02 -0.27	25.00 1.35 -5.40	30.02 1.71 -6.95	28.31 1.59 -6.61	24.50 1.56 -3.68	23.67 1.39 -5.11	21.57 1.40 -2.90	20.08 1.35 -1.91	20.10 1.43 -1.48	20.35 1.39 -2.25	21.67 1.48 -2.36	24.95 1.62 -3.35	33.12 1.96 -7.78	40.64 2.56 -6.11	40.16 2.94 0.00	29.70 1.90 -3.51	25.09 1.77 -1.72	21.27 1.58 0.00	18.49 1.11 0.00
EAST_RIVER___2 323559	16.03 0.97 -1.43	14.64 0.76 -3.12	13.70 0.69 -3.19	13.69 0.66 -3.19	15.00 0.67 -4.49	16.11 1.01 -0.27	24.96 1.31 -5.40	30.00 1.69 -6.95	28.31 1.59 -6.61	24.48 1.54 -3.68	23.67 1.39 -5.11	21.57 1.40 -2.90	20.08 1.35 -1.91	20.08 1.41 -1.48	20.35 1.39 -2.25	21.67 1.48 -2.36	24.93 1.60 -3.35	33.12 1.96 -7.78	40.64 2.56 -6.11	40.13 2.91 0.00	29.65 1.84 -3.51	25.05 1.73 -1.72	21.23 1.54 0.00	18.46 1.08 0.00
EAST___DELAWARE_HYD 23607	15.80 0.94 -1.22	14.13 0.71 -2.66	13.13 0.59 -2.72	13.15 0.59 -2.72	14.30 0.63 -3.84	15.95 0.89 -0.23	22.52 1.17 -3.10	23.89 1.52 -1.01	21.49 1.39 0.00	21.68 1.39 -1.04	18.39 1.22 0.00	18.47 1.21 0.00	17.92 1.09 0.00	18.34 1.15 0.00	18.16 1.12 -0.33	19.04 1.21 0.00	21.46 1.38 -0.11	32.11 1.78 -6.96	34.50 2.53 0.00	40.16 2.94 0.00	29.27 1.84 -3.14	24.80 1.66 -1.54	21.11 1.42 0.00	18.42 1.04 0.00
EIGHT_POINT___WT_PWR 323820	13.79 -0.14 -0.29	11.30 -0.09 -0.63	10.39 -0.07 -0.64	10.39 -0.09 -0.64	10.60 -0.14 -0.91	14.93 0.04 -0.05	18.63 -0.26 -0.63	24.25 -0.45 -3.34	19.79 -0.32 0.00	18.78 -0.54 -0.07	16.71 -0.46 0.00	16.87 -0.40 0.00	16.55 -0.27 0.00	16.74 -0.45 0.00	16.26 -0.47 -0.02	17.39 -0.45 0.00	19.45 -0.54 -0.01	23.66 -0.16 -0.45	31.56 -0.42 0.00	37.00 -0.22 0.00	24.42 -0.07 -0.20	21.68 -0.02 -0.10	19.53 -0.16 0.00	17.55 0.17 0.00
ELBRIDGE_115KV_TB2 80188	13.80 0.01 -0.15	11.09 -0.01 -0.34	10.17 0.01 -0.34	10.19 0.01 -0.34	10.33 0.01 -0.48	14.92 0.06 -0.03	18.63 0.04 -0.34	21.50 0.00 -0.13	20.11 0.00 0.00	19.29 -0.10 -0.13	17.10 -0.07 0.00	17.21 -0.05 0.00	16.77 -0.05 0.00	17.11 -0.09 0.00	16.63 -0.12 -0.04	17.67 -0.16 0.00	19.77 -0.22 -0.01	24.13 -0.09 -0.85	31.78 -0.19 0.00	37.03 -0.19 0.00	24.50 -0.17 -0.38	21.66 -0.13 -0.19	19.48 -0.22 0.00	17.33 -0.05 0.00
ELEC_TRO_TEK 24086	16.12 1.05 -1.43	14.65 0.76 -3.12	13.65 0.64 -3.19	13.65 0.62 -3.19	14.94 0.61 -4.50	16.08 0.98 -0.27	24.98 1.33 -5.39	29.80 1.50 -6.94	28.12 1.41 -6.60	24.40 1.54 -3.60	23.68 1.41 -5.10	21.54 1.38 -2.90	20.02 1.30 -1.90	20.01 1.34 -1.48	20.32 1.39 -2.22	21.77 1.59 -2.35	25.13 1.80 -3.36	32.85 2.15 -7.33	42.17 2.88 -7.32	40.57 3.35 0.00	32.48 2.14 -6.06	27.83 1.97 -4.27	21.50 1.81 0.00	18.68 1.30 0.00
ELLENBURG_WT_PWR 323604	12.78 -0.86 0.00	10.21 -0.55 0.00	9.32 -0.50 0.00	9.33 -0.51 0.00	9.32 -0.51 0.00	13.96 -0.88 0.00	17.32 -0.93 0.00	20.23 -1.13 0.00	19.08 -1.02 0.00	18.33 -0.92 0.00	16.36 -0.81 0.00	16.49 -0.78 0.00	16.12 -0.71 0.00	16.52 -0.67 0.00	16.14 -0.57 0.00	17.31 -0.52 0.00	19.64 -0.34 0.00	22.95 -0.42 0.00	31.69 -0.29 0.00	36.96 -0.26 0.00	23.90 -0.39 0.00	21.12 -0.48 0.00	19.34 -0.35 0.00	17.08 -0.30 0.00
ELM_ST_23_KV_LD_REV_LBMP_A 345012	13.39 -0.48 -0.23	10.98 -0.28 -0.50	10.05 -0.28 -0.51	10.06 -0.30 -0.51	10.14 -0.41 -0.72	14.49 -0.39 -0.04	17.84 -0.91 -0.50	18.86 -1.52 0.99	18.90 -1.21 0.00	18.08 -1.37 -0.19	16.07 -1.10 0.00	16.35 -0.92 0.00	15.97 -0.86 0.00	16.30 -0.89 0.00	15.82 -0.95 -0.06	16.73 -1.11 0.00	18.60 -1.40 -0.02	23.38 -1.26 -1.27	29.83 -2.14 0.00	34.88 -2.34 0.00	23.64 -1.21 -0.57	20.93 -0.95 -0.28	18.90 -0.79 0.00	17.05 -0.33 0.00
EMPIRE_CC_1 323656	15.79 0.38 -1.78	14.95 0.31 -3.87	14.07 0.28 -3.97	14.08 0.28 -3.96	15.69 0.27 -5.59	15.60 0.43 -0.33	23.74 0.44 -5.05	26.32 0.66 -4.30	24.00 0.54 -3.35	22.36 0.48 -2.62	20.13 0.41 -2.55	19.11 0.40 -1.45	18.16 0.39 -0.95	18.39 0.46 -0.74	18.54 0.47 -1.37	19.56 0.55 -1.17	22.37 0.64 -1.75	33.18 0.70 -9.11	35.91 0.89 -3.05	38.15 0.93 0.00	29.10 0.70 -4.11	24.24 0.63 -2.01	20.20 0.51 0.00	17.78 0.40 0.00

EMPIRE_CC_2 323658	15.79 0.38 -1.78	14.95 0.31 -3.87	14.07 0.28 -3.97	14.08 0.28 -3.96	15.69 0.27 -5.59	15.60 0.43 -0.33	23.74 0.44 -5.05	26.32 0.66 -4.30	24.00 0.54 -3.35	22.36 0.48 -2.62	20.13 0.41 -2.55	19.11 0.40 -1.45	18.16 0.39 -0.95	18.39 0.46 -0.74	18.54 0.47 -1.37	19.56 0.55 -1.17	22.37 0.64 -1.75	33.18 0.70 -9.11	35.91 0.89 -3.05	38.15 0.93 0.00	29.10 0.70 -4.11	24.24 0.63 -2.01	20.20 0.51 0.00	17.78 0.40 0.00
ENORWICH_115KV_TB1 80156	15.03 0.94 -0.45	12.44 0.69 -0.99	11.44 0.61 -1.01	11.48 0.63 -1.01	11.94 0.68 -1.43	15.91 0.99 -0.08	20.45 1.20 -0.99	23.45 1.54 -0.55	21.54 1.43 0.00	20.79 1.16 -0.37	18.23 1.06 0.00	18.28 1.02 0.00	17.82 0.99 0.00	18.21 1.01 0.00	17.68 0.85 -0.12	18.79 0.96 0.00	20.98 0.96 -0.04	27.48 1.61 -2.50	34.47 2.49 0.00	40.20 2.98 0.00	27.29 1.87 -1.13	23.71 1.56 -0.55	20.78 1.08 0.00	18.46 1.08 0.00
ERIE_ST__34_KV_TB1-2 80199	13.29 -0.59 -0.24	10.90 -0.38 -0.51	9.97 -0.37 -0.53	9.98 -0.38 -0.53	10.06 -0.51 -0.74	14.58 -0.30 -0.04	17.69 -1.08 -0.52	18.87 -1.67 0.83	19.24 -0.86 0.00	18.39 -1.06 -0.19	16.34 -0.82 0.00	16.64 -0.62 0.00	16.27 -0.56 0.00	16.59 -0.60 0.00	16.10 -0.67 -0.06	17.01 -0.82 0.00	18.94 -1.06 -0.02	23.83 -0.84 -1.30	30.44 -1.53 0.00	35.66 -1.56 0.00	24.14 -0.73 -0.59	21.35 -0.54 -0.29	19.24 -0.45 0.00	17.41 0.03 0.00
ERIE_WT_PWR 323693	13.42 -0.45 -0.23	11.00 -0.27 -0.51	10.08 -0.26 -0.52	10.08 -0.29 -0.52	10.16 -0.40 -0.73	14.55 -0.33 -0.04	17.87 -0.89 -0.51	18.99 -1.43 0.94	18.94 -1.17 0.00	18.00 -1.31 -0.05	16.07 -1.10 0.00	16.30 -0.97 0.00	16.08 -0.74 0.00	16.25 -0.95 0.00	15.76 -0.97 -0.02	16.85 -0.98 0.00	18.73 -1.26 -0.01	22.66 -1.07 -0.36	30.09 -1.89 0.00	35.21 -2.01 0.00	23.43 -1.02 -0.16	20.92 -0.76 -0.08	19.06 -0.63 0.00	17.21 -0.17 0.00
ESPRGFLD_115KV_TB1 80157	15.00 0.68 -0.69	12.77 0.51 -1.50	11.79 0.44 -1.53	11.83 0.46 -1.53	12.47 0.48 -2.16	15.66 0.70 -0.13	20.42 0.88 -1.29	22.30 1.13 0.19	20.28 1.07 0.89	20.65 1.19 -0.20	17.51 1.08 0.74	17.90 1.05 0.42	17.56 1.01 0.28	18.04 1.07 0.21	17.60 0.99 0.10	18.58 1.09 0.34	20.73 1.16 0.41	28.65 1.50 -3.78	33.23 2.14 0.88	39.64 2.42 0.00	27.62 1.63 -1.70	23.84 1.40 -0.83	20.81 1.12 0.00	18.27 0.89 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	14.26 0.31 -0.31	11.67 0.23 -0.68	10.74 0.23 -0.70	10.77 0.23 -0.70	11.05 0.24 -0.99	15.31 0.42 -0.06	19.41 0.47 -0.69	22.46 0.56 -0.54	20.65 0.54 0.00	19.80 0.29 -0.26	17.43 0.26 0.00	17.54 0.28 0.00	17.09 0.27 0.00	17.43 0.24 0.00	16.96 0.17 -0.08	17.99 0.16 0.00	20.14 0.14 -0.03	25.54 0.44 -1.73	32.55 0.58 0.00	38.00 0.78 0.00	25.50 0.44 -0.78	22.35 0.37 -0.38	19.85 0.16 0.00	17.71 0.33 0.00
ETNA_____115KV_TB2 80207	14.26 0.31 -0.31	11.67 0.23 -0.68	10.74 0.23 -0.70	10.77 0.23 -0.70	11.05 0.24 -0.99	15.31 0.42 -0.06	19.41 0.47 -0.69	22.46 0.56 -0.54	20.65 0.54 0.00	19.80 0.29 -0.26	17.43 0.26 0.00	17.54 0.28 0.00	17.09 0.27 0.00	17.43 0.24 0.00	16.96 0.17 -0.08	17.99 0.16 0.00	20.14 0.14 -0.03	25.54 0.44 -1.73	32.55 0.58 0.00	38.00 0.78 0.00	25.50 0.44 -0.78	22.35 0.37 -0.38	19.85 0.16 0.00	17.71 0.33 0.00
EUCLID__115KV_TB2 356179	13.68 -0.08 -0.12	10.95 -0.08 -0.27	10.04 -0.05 -0.27	10.05 -0.06 -0.27	10.17 -0.05 -0.38	14.80 -0.06 -0.02	18.43 -0.09 -0.27	21.32 -0.15 -0.11	19.97 -0.14 0.00	19.15 -0.21 -0.10	17.00 -0.17 0.00	17.11 -0.16 0.00	16.67 -0.15 0.00	17.02 -0.17 0.00	16.54 -0.20 -0.03	17.58 -0.25 0.00	19.67 -0.32 -0.01	23.79 -0.26 -0.67	31.59 -0.38 0.00	36.81 -0.41 0.00	24.30 -0.29 -0.30	21.49 -0.26 -0.15	19.38 -0.32 0.00	17.22 -0.16 0.00
E_CANADA_CAP_HY 24051	15.74 0.20 -1.90	15.06 0.15 -4.14	14.20 0.14 -4.24	14.21 0.13 -4.24	15.96 0.15 -5.98	15.54 0.36 -0.36	23.97 0.57 -5.15	26.10 0.92 -3.81	23.49 0.68 -2.69	22.22 0.52 -2.45	19.50 0.29 -2.04	18.67 0.24 -1.16	17.80 0.22 -0.76	18.11 0.33 -0.59	18.20 0.28 -1.20	19.26 0.48 -0.94	22.02 0.60 -1.44	33.94 0.94 -9.63	35.98 1.57 -2.44	39.04 1.82 0.00	29.83 1.19 -4.35	24.59 0.86 -2.13	20.24 0.55 0.00	17.67 0.30 0.00
E_CANADA_MHWK_HY 24050	14.03 0.40 0.00	11.06 0.30 0.00	10.08 0.27 0.00	10.12 0.28 0.00	10.12 0.29 0.00	15.28 0.44 0.00	18.82 0.57 0.00	22.09 0.73 0.00	20.81 0.70 0.00	19.93 0.67 0.00	17.79 0.62 0.00	17.83 0.57 0.00	17.38 0.55 0.00	17.78 0.58 0.00	17.26 0.55 0.00	18.40 0.57 0.00	20.64 0.66 0.00	24.26 0.89 0.00	33.29 1.31 0.00	38.71 1.49 0.00	25.26 0.97 0.00	22.49 0.89 0.00	20.42 0.73 0.00	18.04 0.66 0.00
E_FISHKILL__LBMP 23776	15.96 0.80 -1.52	14.71 0.62 -3.32	13.77 0.56 -3.40	13.77 0.54 -3.39	15.16 0.54 -4.79	15.95 0.83 -0.28	24.53 1.06 -5.22	28.69 1.30 -6.03	26.86 1.25 -5.50	23.72 1.23 -3.23	22.50 1.10 -4.23	20.76 1.09 -2.40	19.45 1.04 -1.58	19.52 1.10 -1.22	19.70 1.07 -1.92	20.96 1.18 -1.95	24.09 1.32 -2.79	32.61 1.59 -7.65	39.14 2.11 -5.06	39.64 2.42 0.00	29.32 1.58 -3.45	24.74 1.45 -1.69	20.93 1.24 0.00	18.28 0.90 0.00
FALCON__SEABRD_CC1 323796	12.87 -0.76 0.00	10.29 -0.47 0.00	9.38 -0.44 0.00	9.39 -0.45 0.00	9.39 -0.44 0.00	14.06 -0.77 0.00	17.47 -0.78 0.00	20.40 -0.96 0.00	19.24 -0.86 0.00	18.49 -0.77 0.00	16.50 -0.67 0.00	16.63 -0.64 0.00	16.25 -0.57 0.00	16.64 -0.55 0.00	16.28 -0.43 0.00	17.46 -0.38 0.00	19.82 -0.16 0.00	23.16 -0.21 0.00	31.97 0.00 0.00	37.29 0.07 0.00	24.12 -0.17 0.00	21.32 -0.28 0.00	19.50 -0.20 0.00	17.22 -0.16 0.00
FALCON__SEABRD_CC2 323797	12.87 -0.76 0.00	10.29 -0.47 0.00	9.38 -0.44 0.00	9.39 -0.45 0.00	9.39 -0.44 0.00	14.06 -0.77 0.00	17.47 -0.78 0.00	20.40 -0.96 0.00	19.24 -0.86 0.00	18.49 -0.77 0.00	16.50 -0.67 0.00	16.63 -0.64 0.00	16.25 -0.57 0.00	16.64 -0.55 0.00	16.28 -0.43 0.00	17.46 -0.38 0.00	19.82 -0.16 0.00	23.16 -0.21 0.00	31.97 0.00 0.00	37.29 0.07 0.00	24.12 -0.17 0.00	21.32 -0.28 0.00	19.50 -0.20 0.00	17.22 -0.16 0.00
FAR ROCKAWAY__4 23548	16.28 1.21 -1.43	14.76 0.88 -3.12	13.75 0.74 -3.19	13.75 0.72 -3.19	15.03 0.70 -4.50	16.24 1.14 -0.27	25.18 1.53 -5.39	30.01 1.71 -6.94	28.32 1.61 -6.60	24.63 1.77 -3.60	23.82 1.55 -5.10	21.66 1.50 -2.90	20.12 1.40 -1.90	20.11 1.44 -1.48	20.42 1.49 -2.22	21.91 1.73 -2.35	25.31 1.98 -3.36	33.06 2.36 -7.33	42.49 3.20 -7.32	40.94 3.72 0.00	32.73 2.38 -6.06	28.13 2.27 -4.26	21.78 2.09 0.00	18.91 1.53 0.00
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	16.06 1.00 -1.43	14.65 0.77 -3.12	13.71 0.70 -3.19	13.71 0.68 -3.19	15.00 0.68 -4.49	16.12 1.02 -0.27	25.00 1.35 -5.40	30.00 1.69 -6.95	28.31 1.59 -6.61	24.42 1.56 -3.61	23.67 1.39 -5.11	21.57 1.40 -2.90	20.09 1.36 -1.91	20.08 1.41 -1.48	20.31 1.37 -2.23	21.67 1.48 -2.36	24.94 1.62 -3.34	32.61 1.96 -7.28	40.67 2.59 -6.11	40.16 2.94 0.00	29.47 1.89 -3.28	24.98 1.77 -1.61	21.27 1.58 0.00	18.51 1.13 0.00

FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	16.06 1.00 -1.43	14.65 0.77 -3.12	13.71 0.70 -3.19	13.71 0.68 -3.19	15.00 0.68 -4.49	16.12 1.02 -0.27	25.00 1.35 -5.40	30.00 1.69 -6.95	28.31 1.59 -6.61	24.42 1.56 -3.61	23.67 1.39 -5.11	21.57 1.40 -2.90	20.09 1.36 -1.91	20.08 1.41 -1.48	20.31 1.37 -2.23	21.67 1.48 -2.36	24.94 1.62 -3.34	32.61 1.96 -7.28	40.67 2.59 -6.11	40.16 2.94 0.00	29.47 1.89 -3.28	24.98 1.77 -1.61	21.27 1.58 0.00	18.51 1.13 0.00
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	16.05 0.98 -1.43	14.65 0.77 -3.12	13.71 0.70 -3.19	13.70 0.67 -3.19	15.00 0.67 -4.49	16.12 1.02 -0.27	24.98 1.33 -5.40	30.00 1.69 -6.95	28.31 1.59 -6.61	24.42 1.56 -3.61	23.67 1.39 -5.11	21.57 1.40 -2.90	20.08 1.35 -1.91	20.06 1.39 -1.48	20.31 1.37 -2.23	21.67 1.48 -2.36	24.94 1.62 -3.34	32.59 1.94 -7.28	40.64 2.56 -6.11	40.16 2.94 0.00	29.44 1.87 -3.28	24.96 1.75 -1.61	21.25 1.56 0.00	18.49 1.11 0.00
FARRAGUT___LBMP 323566	16.05 0.98 -1.43	14.64 0.76 -3.12	13.70 0.69 -3.19	13.70 0.67 -3.19	15.00 0.67 -4.49	16.11 1.01 -0.27	24.98 1.33 -5.40	29.98 1.67 -6.95	28.29 1.57 -6.61	24.40 1.54 -3.61	23.65 1.37 -5.11	21.55 1.38 -2.90	20.08 1.35 -1.91	20.06 1.39 -1.48	20.29 1.35 -2.23	21.65 1.46 -2.36	24.92 1.60 -3.34	32.57 1.92 -7.28	40.61 2.53 -6.11	40.12 2.90 0.00	29.44 1.87 -3.28	24.96 1.75 -1.61	21.25 1.56 0.00	18.49 1.11 0.00
FENNER___WINDPWR 24204	14.09 0.29 -0.17	11.34 0.20 -0.37	10.40 0.20 -0.38	10.42 0.20 -0.38	10.58 0.21 -0.54	15.19 0.33 -0.03	19.01 0.38 -0.37	22.05 0.53 -0.15	20.59 0.48 0.00	19.62 0.33 -0.04	17.49 0.33 0.00	17.56 0.29 0.00	17.14 0.32 0.00	17.45 0.26 0.00	16.94 0.22 -0.01	18.06 0.23 0.00	20.18 0.20 0.00	24.09 0.44 -0.27	32.65 0.67 0.00	38.04 0.82 0.00	24.89 0.49 -0.12	22.07 0.41 -0.06	19.93 0.24 0.00	17.69 0.31 0.00
FIBERTEK___ENERGY 23856	13.90 0.12 -0.14	11.16 0.09 -0.31	10.24 0.10 -0.32	10.25 0.09 -0.32	10.39 0.11 -0.45	15.05 0.19 -0.03	18.79 0.22 -0.31	21.72 0.23 -0.12	20.31 0.20 0.00	19.51 0.13 -0.12	17.29 0.12 0.00	17.40 0.14 0.00	16.96 0.13 0.00	17.29 0.10 0.00	16.81 0.07 -0.04	17.85 0.02 0.00	19.99 0.00 -0.01	24.33 0.16 -0.79	32.17 0.19 0.00	37.48 0.26 0.00	24.74 0.10 -0.36	21.88 0.11 -0.17	19.65 -0.04 0.00	17.48 0.10 0.00
FITZPATRICK____ 23598	13.43 -0.29 -0.09	10.71 -0.24 -0.19	9.80 -0.21 -0.19	9.82 -0.21 -0.19	9.89 -0.21 -0.27	14.55 -0.30 -0.02	18.06 -0.38 -0.19	20.99 -0.45 -0.07	19.67 -0.44 0.00	18.78 -0.48 0.00	16.74 -0.43 0.00	16.85 -0.41 0.00	16.42 -0.40 0.00	16.74 -0.45 0.00	16.28 -0.43 0.00	17.31 -0.52 0.00	19.36 -0.62 0.00	22.74 -0.63 0.00	31.08 -0.90 0.00	36.18 -1.04 0.00	23.61 -0.68 0.00	21.00 -0.60 0.00	19.10 -0.59 0.00	16.96 -0.42 0.00
FLOWRFLD_69_KV_BK1 356044	16.47 1.40 -1.43	14.90 1.02 -3.12	13.85 0.84 -3.19	13.85 0.82 -3.19	15.12 0.79 -4.50	16.42 1.32 -0.27	25.42 1.77 -5.39	30.29 1.99 -6.94	28.50 1.79 -6.60	24.82 1.96 -3.60	24.01 1.73 -5.10	21.85 1.69 -2.90	20.29 1.56 -1.90	20.32 1.65 -1.48	20.67 1.74 -2.22	22.22 2.03 -2.35	25.74 2.40 -3.36	33.63 2.92 -7.33	43.30 3.90 -7.42	41.79 4.54 -0.02	33.29 2.94 -6.07	28.51 2.64 -4.27	22.12 2.42 -0.01	19.21 1.82 -0.01
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	16.00 0.91 -1.45	14.62 0.70 -3.15	13.65 0.60 -3.23	13.66 0.59 -3.23	15.00 0.62 -4.55	16.01 0.90 -0.27	24.74 1.17 -5.32	29.56 1.50 -6.71	27.84 1.41 -6.33	24.17 1.39 -3.53	23.33 1.22 -4.94	21.28 1.21 -2.81	19.76 1.09 -1.84	19.76 1.13 -1.43	19.99 1.12 -2.16	21.32 1.21 -2.28	24.62 1.40 -3.24	32.39 1.73 -7.29	40.38 2.49 -5.91	40.09 2.87 0.00	29.42 1.85 -3.29	24.83 1.62 -1.61	21.07 1.38 0.00	18.40 1.03 0.00
FORT ORANGE____ 23900	15.78 0.31 -1.83	15.02 0.27 -3.98	14.15 0.25 -4.08	14.16 0.25 -4.07	15.80 0.23 -5.75	15.56 0.39 -0.34	23.73 0.42 -5.05	26.02 0.68 -3.97	23.56 0.52 -2.93	22.21 0.46 -2.50	19.76 0.36 -2.23	18.88 0.35 -1.27	17.98 0.32 -0.83	18.25 0.41 -0.65	18.37 0.40 -1.26	19.34 0.48 -1.03	22.11 0.58 -1.55	33.41 0.70 -9.33	35.63 0.99 -2.67	38.26 1.04 0.00	29.25 0.75 -4.21	24.31 0.65 -2.06	20.16 0.47 0.00	17.73 0.35 0.00
FORT_DRUM_COGEN 23780	13.97 0.26 -0.08	11.09 0.16 -0.17	10.13 0.14 -0.17	10.12 0.11 -0.17	10.23 0.16 -0.24	15.01 0.16 -0.01	18.68 0.26 -0.17	21.82 0.38 -0.07	20.39 0.28 0.00	19.51 0.19 -0.06	17.32 0.15 0.00	17.37 0.10 0.00	16.87 0.05 0.00	17.23 0.03 0.00	16.73 0.00 -0.02	17.89 0.05 0.00	20.01 0.02 -0.01	24.22 0.42 -0.43	32.90 0.93 0.00	38.45 1.23 0.00	25.16 0.68 -0.19	22.23 0.54 -0.09	19.95 0.26 0.00	17.66 0.28 0.00
FPL_FAR_ROCK_GT1 24212	16.28 1.21 -1.43	14.76 0.88 -3.12	13.75 0.74 -3.19	13.75 0.72 -3.19	15.03 0.70 -4.50	16.24 1.14 -0.27	25.18 1.53 -5.39	30.01 1.71 -6.94	28.36 1.65 -6.60	24.69 1.75 -3.68	23.80 1.53 -5.10	21.65 1.48 -2.90	20.24 1.51 -1.90	20.13 1.46 -1.48	20.46 1.50 -2.25	21.91 1.73 -2.35	25.32 1.98 -3.36	33.56 2.36 -7.83	42.49 3.20 -7.32	40.95 3.72 -0.01	32.96 2.38 -6.29	28.24 2.27 -4.38	21.79 2.09 -0.01	18.91 1.53 0.00
FPL_FAR_ROCK_GT2 23815	16.28 1.21 -1.43	14.76 0.88 -3.12	13.75 0.74 -3.19	13.75 0.72 -3.19	15.03 0.70 -4.50	16.24 1.14 -0.27	25.18 1.53 -5.39	30.01 1.71 -6.94	28.36 1.65 -6.60	24.69 1.75 -3.68	23.80 1.53 -5.10	21.65 1.48 -2.90	20.24 1.51 -1.90	20.13 1.46 -1.48	20.46 1.50 -2.25	21.91 1.73 -2.35	25.32 1.98 -3.36	33.56 2.36 -7.83	42.49 3.20 -7.32	40.95 3.72 -0.01	32.96 2.38 -6.29	28.24 2.27 -4.38	21.79 2.09 -0.01	18.91 1.53 0.00
FRANKLIN_FALL_HYD 24054	12.95 -0.68 0.00	10.32 -0.44 0.00	9.41 -0.41 0.00	9.43 -0.41 0.00	9.42 -0.41 0.00	14.12 -0.71 0.00	17.52 -0.73 0.00	20.57 -0.79 0.00	19.38 -0.72 0.00	18.56 -0.69 0.00	16.57 -0.60 0.00	16.68 -0.59 0.00	16.25 -0.57 0.00	16.64 -0.55 0.00	16.28 -0.43 0.00	17.40 -0.43 0.00	19.72 -0.26 0.00	23.00 -0.37 0.00	31.75 -0.22 0.00	37.07 -0.15 0.00	23.97 -0.32 0.00	21.21 -0.39 0.00	19.44 -0.26 0.00	17.15 -0.23 0.00
FREEPORT_EQUS_GT1 23764	16.24 1.17 -1.43	14.73 0.85 -3.12	13.72 0.71 -3.19	13.72 0.69 -3.19	15.00 0.67 -4.50	16.20 1.10 -0.27	25.12 1.48 -5.39	29.97 1.67 -6.94	28.30 1.59 -6.60	24.61 1.67 -3.68	23.82 1.55 -5.10	21.66 1.50 -2.90	20.26 1.53 -1.90	20.15 1.48 -1.48	20.48 1.52 -2.25	21.95 1.77 -2.35	25.36 2.02 -3.37	33.64 2.43 -7.83	42.56 3.26 -7.32	40.99 3.76 -0.01	33.01 2.43 -6.29	28.18 2.20 -4.38	21.73 2.03 -0.01	18.86 1.48 0.00
FREEPORT___CT2 23818	16.24 1.17 -1.43	14.73 0.85 -3.12	13.72 0.71 -3.19	13.72 0.69 -3.19	15.00 0.67 -4.50	16.20 1.10 -0.27	25.12 1.48 -5.39	29.97 1.67 -6.94	28.30 1.59 -6.60	24.61 1.67 -3.68	23.82 1.55 -5.10	21.66 1.50 -2.90	20.26 1.53 -1.90	20.15 1.48 -1.48	20.48 1.52 -2.25	21.95 1.77 -2.35	25.36 2.02 -3.37	33.64 2.43 -7.83	42.56 3.26 -7.32	40.99 3.76 -0.01	33.01 2.43 -6.29	28.18 2.20 -4.38	21.73 2.03 -0.01	18.86 1.48 0.00



FRESHKLS_33_KV_LOAD 356253	16.13 1.06 -1.43	14.71 0.83 -3.12	13.77 0.77 -3.19	13.78 0.76 -3.19	15.01 0.69 -4.49	16.20 1.10 -0.27	24.93 1.28 -5.40	29.90 1.60 -6.93	28.22 1.51 -6.61	24.32 1.46 -3.60	23.59 1.32 -5.10	21.49 1.33 -2.89	20.00 1.28 -1.90	19.99 1.32 -1.47	20.23 1.30 -2.22	21.59 1.41 -2.35	24.87 1.56 -3.34	32.57 1.94 -7.26	40.71 2.62 -6.11	40.12 2.90 0.00	29.30 1.72 -3.28	24.94 1.73 -1.61	21.31 1.61 0.00	18.67 1.29 0.00
FULTON COGEN____ 23766	13.98 0.22 -0.12	11.18 0.15 -0.26	10.25 0.16 -0.27	10.26 0.15 -0.27	10.38 0.17 -0.38	15.15 0.30 -0.02	18.86 0.35 -0.27	21.87 0.41 -0.10	20.47 0.36 0.00	19.66 0.31 -0.10	17.43 0.26 0.00	17.56 0.29 0.00	17.09 0.27 0.00	17.41 0.22 0.00	16.93 0.18 -0.03	17.99 0.16 0.00	20.13 0.14 -0.01	24.42 0.37 -0.67	32.49 0.51 0.00	37.93 0.71 0.00	24.93 0.34 -0.30	22.05 0.30 -0.15	19.79 0.10 0.00	17.61 0.23 0.00
FULTON____LFGE 323630	16.19 0.65 -1.90	15.41 0.51 -4.14	14.52 0.46 -4.24	14.53 0.45 -4.24	16.28 0.47 -5.98	16.08 0.89 -0.36	24.64 1.24 -5.15	26.91 1.73 -3.81	24.21 1.41 -2.69	22.86 1.16 -2.45	20.02 0.81 -2.04	19.13 0.71 -1.16	18.34 0.76 -0.76	18.69 0.91 -0.59	18.72 0.80 -1.20	19.88 1.11 -0.94	22.72 1.30 -1.44	34.83 1.82 -9.63	37.30 2.88 -2.44	40.57 3.35 0.00	30.82 2.19 -4.35	25.41 1.69 -2.13	20.97 1.28 0.00	18.27 0.89 0.00
G.F.CEMENT____DRP 24184	16.35 0.83 -1.89	15.52 0.65 -4.11	14.62 0.59 -4.21	14.62 0.57 -4.20	16.34 0.58 -5.93	16.17 0.98 -0.35	24.64 1.24 -5.15	26.80 1.58 -3.86	24.29 1.43 -2.75	22.91 1.25 -2.40	20.30 1.05 -2.09	19.47 1.02 -1.19	18.53 0.93 -0.78	18.76 0.96 -0.60	18.81 0.90 -1.20	19.86 1.07 -0.96	22.58 1.14 -1.46	34.06 1.50 -9.19	36.93 2.46 -2.50	40.05 2.83 0.00	30.47 2.04 -4.15	25.31 1.68 -2.03	21.03 1.34 0.00	18.42 1.04 0.00
GARDENVILLE____LBMP 24039	13.39 -0.48 -0.23	10.98 -0.29 -0.51	10.05 -0.29 -0.52	10.06 -0.31 -0.52	10.14 -0.42 -0.73	14.51 -0.37 -0.04	17.83 -0.93 -0.51	18.76 -1.52 1.09	18.98 -1.13 0.00	18.14 -1.31 -0.19	16.12 -1.05 0.00	16.40 -0.86 0.00	16.02 -0.81 0.00	16.35 -0.84 0.00	15.87 -0.90 -0.06	16.78 -1.05 0.00	18.66 -1.34 -0.02	23.49 -1.17 -1.29	29.96 -2.01 0.00	35.02 -2.20 0.00	23.75 -1.12 -0.58	21.02 -0.86 -0.28	18.96 -0.73 0.00	17.12 -0.26 0.00
GARDNVLA_35_KV_LD 355827	13.43 -0.44 -0.23	11.02 -0.25 -0.51	10.08 -0.26 -0.52	10.09 -0.28 -0.52	10.17 -0.39 -0.73	14.57 -0.31 -0.04	17.89 -0.88 -0.51	19.01 -1.47 0.88	19.08 -1.03 0.00	18.24 -1.21 -0.19	16.21 -0.96 0.00	16.49 -0.78 0.00	16.10 -0.72 0.00	16.43 -0.76 0.00	15.95 -0.82 -0.06	16.87 -0.96 0.00	18.76 -1.24 -0.02	23.61 -1.05 -1.29	30.12 -1.85 0.00	35.25 -1.97 0.00	23.90 -0.97 -0.58	21.15 -0.73 -0.28	19.08 -0.61 0.00	17.22 -0.16 0.00
GELCKHM__115KV_LOAD 80723	13.77 0.00 -0.13	11.02 -0.02 -0.28	10.11 0.00 -0.29	10.13 0.00 -0.29	10.24 0.00 -0.41	14.89 0.03 -0.02	18.56 0.02 -0.28	21.48 0.00 -0.11	20.09 -0.02 0.00	19.29 -0.08 -0.11	17.10 -0.07 0.00	17.21 -0.05 0.00	16.77 -0.05 0.00	17.11 -0.09 0.00	16.64 -0.10 -0.03	17.69 -0.14 0.00	19.79 -0.20 -0.01	23.99 -0.09 -0.72	31.78 -0.19 0.00	37.07 -0.15 0.00	24.46 -0.15 -0.32	21.63 -0.13 -0.16	19.48 -0.22 0.00	17.31 -0.07 0.00
GENERAL____MILLS 23808	13.41 -0.46 -0.23	11.00 -0.27 -0.51	10.06 -0.27 -0.52	10.07 -0.30 -0.52	10.15 -0.41 -0.73	14.55 -0.33 -0.04	17.85 -0.91 -0.51	18.91 -1.52 0.94	19.04 -1.07 0.00	18.20 -1.25 -0.19	16.17 -1.00 0.00	16.45 -0.81 0.00	16.07 -0.76 0.00	16.40 -0.79 0.00	15.92 -0.85 -0.06	16.83 -1.00 0.00	18.74 -1.26 -0.02	23.56 -1.10 -1.29	30.06 -1.92 0.00	35.17 -2.05 0.00	23.85 -1.02 -0.58	21.11 -0.78 -0.28	19.04 -0.65 0.00	17.19 -0.19 0.00
GE_PLASTICS____DRP 24183	15.81 0.34 -1.83	15.05 0.29 -4.00	14.17 0.27 -4.09	14.19 0.27 -4.09	15.84 0.25 -5.76	15.58 0.40 -0.34	23.73 0.44 -5.04	25.86 0.58 -3.92	23.50 0.52 -2.87	22.17 0.50 -2.41	19.78 0.43 -2.18	18.92 0.41 -1.24	18.09 0.45 -0.81	18.29 0.46 -0.63	18.38 0.45 -1.22	19.37 0.53 -1.01	22.11 0.62 -1.52	33.03 0.72 -8.93	35.57 0.99 -2.61	38.30 1.08 0.00	29.07 0.75 -4.03	24.24 0.67 -1.97	20.22 0.53 0.00	17.76 0.38 0.00
GILBOA____1 23756	15.50 0.44 -1.43	14.22 0.34 -3.11	13.32 0.31 -3.19	13.37 0.34 -3.18	14.67 0.34 -4.49	15.58 0.47 -0.27	22.58 0.57 -3.76	24.73 0.77 -2.60	22.47 0.68 -1.68	21.72 0.71 -1.76	18.99 0.62 -1.21	18.55 0.60 -0.68	17.86 0.59 -0.45	18.18 0.64 -0.35	18.14 0.62 -0.81	19.08 0.69 -0.56	21.64 0.78 -0.88	32.09 0.96 -7.76	34.63 1.21 -1.44	38.60 1.38 0.00	28.76 0.97 -3.50	24.20 0.89 -1.72	20.42 0.73 0.00	17.92 0.54 0.00
GILBOA____2 23757	15.50 0.44 -1.43	14.22 0.34 -3.11	13.32 0.31 -3.19	13.37 0.34 -3.18	14.67 0.34 -4.49	15.58 0.47 -0.27	22.58 0.57 -3.76	24.73 0.77 -2.60	22.47 0.68 -1.68	21.72 0.71 -1.76	18.99 0.62 -1.21	18.55 0.60 -0.68	17.86 0.59 -0.45	18.18 0.64 -0.35	18.14 0.62 -0.81	19.08 0.69 -0.56	21.64 0.78 -0.88	32.09 0.96 -7.76	34.63 1.21 -1.44	38.60 1.38 0.00	28.76 0.97 -3.50	24.20 0.89 -1.72	20.42 0.73 0.00	17.92 0.54 0.00
GILBOA____3 23758	15.50 0.44 -1.43	14.22 0.34 -3.11	13.32 0.31 -3.19	13.37 0.34 -3.18	14.67 0.34 -4.49	15.58 0.47 -0.27	22.58 0.57 -3.76	24.73 0.77 -2.60	22.47 0.68 -1.68	21.72 0.71 -1.76	18.99 0.62 -1.21	18.55 0.60 -0.68	17.86 0.59 -0.45	18.18 0.64 -0.35	18.14 0.62 -0.81	19.08 0.69 -0.56	21.64 0.78 -0.88	32.09 0.96 -7.76	34.63 1.21 -1.44	38.60 1.38 0.00	28.76 0.97 -3.50	24.20 0.89 -1.72	20.42 0.73 0.00	17.92 0.54 0.00
GILBOA____4 23759	15.50 0.44 -1.43	14.22 0.34 -3.11	13.32 0.31 -3.19	13.37 0.34 -3.18	14.67 0.34 -4.49	15.58 0.47 -0.27	22.58 0.57 -3.76	24.73 0.77 -2.60	22.47 0.68 -1.68	21.72 0.71 -1.76	18.99 0.62 -1.21	18.55 0.60 -0.68	17.86 0.59 -0.45	18.18 0.64 -0.35	18.14 0.62 -0.81	19.08 0.69 -0.56	21.64 0.78 -0.88	32.09 0.96 -7.76	34.63 1.21 -1.44	38.60 1.38 0.00	28.76 0.97 -3.50	24.20 0.89 -1.72	20.42 0.73 0.00	17.92 0.54 0.00
GILBOA____ 23599	15.50 0.44 -1.43	14.22 0.34 -3.11	13.32 0.31 -3.19	13.37 0.34 -3.18	14.67 0.34 -4.49	15.58 0.47 -0.27	22.58 0.57 -3.76	24.69 0.73 -2.60	22.47 0.68 -1.68	21.63 0.71 -1.66	18.99 0.62 -1.21	18.55 0.60 -0.68	17.88 0.61 -0.45	18.18 0.64 -0.35	18.11 0.62 -0.78	19.08 0.70 -0.56	21.63 0.78 -0.87	31.48 0.96 -7.15	34.63 1.22 -1.44	38.60 1.38 0.00	28.49 0.97 -3.23	24.07 0.89 -1.58	20.42 0.73 0.00	17.92 0.54 0.00
GINNA____ 23603	13.09 -0.71 -0.16	10.55 -0.56 -0.35	9.70 -0.48 -0.36	9.70 -0.50 -0.36	9.82 -0.52 -0.51	14.08 -0.79 -0.03	17.62 -0.99 -0.35	20.31 -1.20 -0.14	18.86 -1.25 0.00	17.97 -1.33 -0.04	16.02 -1.15 0.00	16.16 -1.11 0.00	15.75 -1.08 0.00	16.01 -1.19 0.00	15.57 -1.15 -0.01	16.64 -1.19 0.00	18.54 -1.44 0.00	22.17 -1.45 -0.25	29.99 -1.98 0.00	34.95 -2.27 0.00	22.87 -1.53 -0.11	20.29 -1.36 -0.06	18.39 -1.30 0.00	16.34 -1.04 0.00

GLEN PARK____ 23778	14.06 0.34 -0.08	11.16 0.23 -0.17	10.19 0.20 -0.18	10.20 0.18 -0.18	10.31 0.23 -0.25	15.12 0.27 -0.01	18.81 0.38 -0.18	22.01 0.58 -0.07	20.53 0.42 0.00	19.49 0.23 0.00	17.43 0.26 0.00	17.47 0.21 0.00	16.98 0.15 0.00	17.31 0.12 0.00	16.79 0.08 0.00	17.99 0.16 0.00	20.10 0.12 0.00	23.93 0.56 0.00	33.12 1.15 0.00	38.75 1.53 0.00	25.14 0.85 0.00	22.29 0.69 0.00	20.05 0.35 0.00	17.74 0.37 0.00
GLENDALE_27_KV_LOAD 356172	16.14 1.08 -1.43	14.72 0.84 -3.12	13.76 0.76 -3.19	13.76 0.73 -3.19	15.06 0.74 -4.49	16.21 1.11 -0.27	25.11 1.46 -5.40	30.13 1.82 -6.95	30.29 1.71 -8.47	27.40 1.69 -6.45	28.40 1.51 -9.72	28.40 1.52 -9.61	24.08 1.46 -5.80	24.06 1.51 -5.35	23.39 1.49 -5.20	27.45 1.60 -8.01	27.45 1.76 -5.72	32.78 2.13 -7.28	40.87 2.78 -6.11	40.35 3.13 0.00	29.54 1.97 -3.28	25.13 1.92 -1.61	21.39 1.69 0.00	18.61 1.23 0.00
GLENWOOD_IC_1_G5 23712	16.12 1.05 -1.43	14.67 0.79 -3.12	13.69 0.68 -3.19	13.69 0.66 -3.19	14.98 0.65 -4.50	16.12 1.02 -0.27	25.02 1.37 -5.39	29.91 1.60 -6.94	28.22 1.51 -6.60	24.46 1.60 -3.60	23.73 1.46 -5.10	21.60 1.43 -2.90	20.09 1.36 -1.90	20.08 1.41 -1.48	20.35 1.42 -2.22	21.79 1.60 -2.35	25.13 1.80 -3.36	32.87 2.17 -7.33	42.24 2.94 -7.32	40.61 3.39 0.00	32.53 2.19 -6.06	27.85 1.99 -4.27	21.47 1.77 0.00	18.67 1.29 0.00
GLENWOOD_IC_2_G1 23688	16.06 0.99 -1.43	14.63 0.75 -3.12	13.67 0.66 -3.19	13.67 0.64 -3.19	14.96 0.63 -4.50	16.08 0.98 -0.27	24.94 1.30 -5.39	29.86 1.56 -6.94	28.18 1.47 -6.60	24.44 1.50 -3.68	23.63 1.36 -5.10	21.51 1.35 -2.90	20.06 1.33 -1.90	20.03 1.36 -1.48	20.31 1.35 -2.25	21.68 1.50 -2.35	25.02 1.68 -3.36	33.21 2.01 -7.83	42.01 2.72 -7.32	40.36 3.13 -0.01	32.59 2.01 -6.29	27.81 1.83 -4.38	21.33 1.63 -0.01	18.56 1.18 0.00
GLENWOOD_IC_3_G1 23689	16.06 0.99 -1.43	14.63 0.75 -3.12	13.67 0.66 -3.19	13.67 0.64 -3.19	14.96 0.63 -4.50	16.08 0.98 -0.27	24.94 1.30 -5.39	29.86 1.56 -6.94	28.18 1.47 -6.60	24.44 1.50 -3.68	23.63 1.36 -5.10	21.51 1.35 -2.90	20.06 1.33 -1.90	20.03 1.36 -1.48	20.31 1.35 -2.25	21.68 1.50 -2.35	25.02 1.68 -3.36	33.21 2.01 -7.83	42.01 2.72 -7.32	40.36 3.13 -0.01	32.59 2.01 -6.29	27.81 1.83 -4.38	21.33 1.63 -0.01	18.56 1.18 0.00
GLENWOOD____4 23550	16.12 1.05 -1.43	14.67 0.79 -3.12	13.69 0.68 -3.19	13.69 0.66 -3.19	14.98 0.65 -4.50	16.12 1.02 -0.27	25.02 1.37 -5.39	29.91 1.60 -6.94	28.22 1.51 -6.60	24.46 1.60 -3.60	23.73 1.46 -5.10	21.60 1.43 -2.90	20.09 1.36 -1.90	20.08 1.41 -1.48	20.35 1.42 -2.22	21.79 1.60 -2.35	25.13 1.80 -3.36	32.87 2.17 -7.33	42.24 2.94 -7.32	40.61 3.39 0.00	32.53 2.19 -6.06	27.85 1.99 -4.27	21.47 1.77 0.00	18.67 1.29 0.00
GLENWOOD____5 23614	16.12 1.05 -1.43	14.67 0.79 -3.12	13.69 0.68 -3.19	13.69 0.66 -3.19	14.98 0.65 -4.50	16.12 1.02 -0.27	25.02 1.37 -5.39	29.91 1.60 -6.94	28.22 1.51 -6.60	24.46 1.60 -3.60	23.73 1.46 -5.10	21.60 1.43 -2.90	20.09 1.36 -1.90	20.08 1.41 -1.48	20.35 1.42 -2.22	21.79 1.60 -2.35	25.13 1.80 -3.36	32.87 2.17 -7.33	42.24 2.94 -7.32	40.61 3.39 0.00	32.53 2.19 -6.06	27.85 1.99 -4.27	21.47 1.77 0.00	18.67 1.29 0.00
GLOBAL GREEN_PORT_GT1 23814	16.93 1.87 -1.43	15.25 1.37 -3.12	14.15 1.14 -3.19	14.15 1.12 -3.19	15.41 1.08 -4.50	16.88 1.78 -0.27	26.02 2.37 -5.39	31.08 2.78 -6.94	29.20 2.49 -6.60	25.52 2.58 -3.68	24.52 2.25 -5.10	22.34 2.18 -2.90	20.95 2.22 -1.90	20.80 2.13 -1.48	21.18 2.22 -2.25	22.77 2.58 -2.35	26.39 3.04 -3.37	35.05 3.83 -7.84	44.55 5.18 -7.40	43.31 6.07 -0.02	34.50 3.91 -6.30	29.38 3.39 -4.39	22.82 3.11 -0.02	19.82 2.43 -0.01
GLOBE____DSASP 323697	13.13 -0.72 -0.22	10.75 -0.48 -0.48	9.85 -0.45 -0.49	9.85 -0.47 -0.49	9.93 -0.59 -0.69	14.10 -0.77 -0.04	17.49 -1.24 -0.48	19.00 -1.62 0.74	18.26 -1.85 0.00	17.47 -1.96 -0.18	15.55 -1.61 0.00	15.81 -1.45 0.00	15.44 -1.38 0.00	15.76 -1.43 0.00	15.30 -1.47 -0.06	16.19 -1.64 0.00	17.96 -2.04 -0.02	22.52 -2.06 -1.20	28.65 -3.33 0.00	33.46 -3.76 0.00	22.72 -2.11 -0.54	20.16 -1.71 -0.27	18.27 -1.42 0.00	16.48 -0.90 0.00
GOETHSLN____LBMP 323567	15.98 0.91 -1.43	14.61 0.73 -3.12	13.67 0.66 -3.19	13.66 0.63 -3.19	14.96 0.63 -4.49	16.07 0.96 -0.27	24.91 1.26 -5.40	29.89 1.58 -6.95	28.21 1.49 -6.61	24.35 1.48 -3.61	23.60 1.32 -5.11	21.50 1.33 -2.90	20.03 1.30 -1.91	20.01 1.34 -1.48	20.24 1.30 -2.23	21.60 1.41 -2.36	24.86 1.54 -3.34	32.47 1.82 -7.28	40.45 2.37 -6.11	39.94 2.72 0.00	29.35 1.77 -3.28	24.89 1.68 -1.61	21.19 1.50 0.00	18.42 1.04 0.00
GOLAH____69_KV_TB 1_2 80279	13.71 -0.10 -0.17	11.07 -0.06 -0.37	10.16 -0.04 -0.38	10.16 -0.06 -0.38	10.27 -0.10 -0.53	14.78 -0.09 -0.03	18.37 -0.26 -0.37	20.88 -0.49 -0.01	19.59 -0.52 0.00	18.74 -0.65 -0.14	16.65 -0.52 0.00	16.83 -0.43 0.00	16.35 -0.47 0.00	16.69 -0.50 0.00	16.24 -0.52 -0.04	17.24 -0.59 0.00	19.19 -0.80 -0.01	23.68 -0.63 -0.93	30.98 -0.99 0.00	36.25 -0.97 0.00	24.13 -0.58 -0.42	21.31 -0.50 -0.21	19.18 -0.51 0.00	17.10 -0.28 0.00
GOODYEAR_LAKE_HYD 323669	14.95 0.63 -0.69	12.73 0.47 -1.50	11.76 0.41 -1.53	11.80 0.43 -1.53	12.43 0.44 -2.16	15.60 0.64 -0.13	20.32 0.78 -1.29	22.20 1.03 0.19	20.18 0.97 0.89	20.56 1.10 -0.20	17.43 1.00 0.74	17.81 0.97 0.42	17.49 0.94 0.28	17.96 0.98 0.21	17.52 0.90 0.10	18.49 1.00 0.34	20.65 1.08 0.41	28.53 1.38 -3.78	33.04 1.95 0.88	39.42 2.20 0.00	27.47 1.48 -1.70	23.73 1.30 -0.83	20.74 1.04 0.00	18.20 0.82 0.00
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	14.21 0.12 -0.45	11.83 0.10 -0.97	10.91 0.10 -1.00	10.94 0.10 -1.00	11.32 0.08 -1.41	15.14 0.22 -0.08	19.36 0.13 -0.98	21.86 0.11 -0.39	20.33 0.22 0.00	19.49 -0.13 -0.37	17.06 -0.10 0.00	17.23 -0.03 0.00	16.82 0.00 0.00	17.14 -0.05 0.00	16.71 -0.12 -0.12	17.64 -0.20 0.00	19.76 -0.26 -0.04	25.79 -0.05 -2.46	31.81 -0.16 0.00	37.15 -0.07 0.00	25.37 -0.02 -1.11	22.14 0.00 -0.54	19.57 -0.12 0.00	17.48 0.10 0.00
GOUDEY____7 23579	14.22 0.14 -0.45	11.85 0.11 -0.97	10.92 0.11 -1.00	10.94 0.10 -1.00	11.33 0.09 -1.41	15.15 0.24 -0.08	19.38 0.15 -0.98	21.88 0.13 -0.39	20.35 0.24 0.00	19.51 -0.12 -0.37	17.08 -0.09 0.00	17.25 -0.02 0.00	16.84 0.02 0.00	17.17 -0.02 0.00	16.73 -0.10 -0.12	17.65 -0.18 0.00	19.78 -0.24 -0.04	25.81 -0.02 -2.46	31.85 -0.13 0.00	37.18 -0.04 0.00	25.40 0.00 -1.11	22.17 0.02 -0.54	19.59 -0.10 0.00	17.50 0.12 0.00
GOUDEY____8 23580	14.21 0.12 -0.45	11.83 0.10 -0.97	10.91 0.10 -1.00	10.94 0.10 -1.00	11.32 0.08 -1.41	15.14 0.22 -0.08	19.36 0.13 -0.98	21.86 0.11 -0.39	20.33 0.22 0.00	19.49 -0.13 -0.37	17.06 -0.10 0.00	17.23 -0.03 0.00	16.82 0.00 0.00	17.14 -0.05 0.00	16.71 -0.12 -0.12	17.64 -0.20 0.00	19.76 -0.26 -0.04	25.79 -0.05 -2.46	31.81 -0.16 0.00	37.15 -0.07 0.00	25.37 -0.02 -1.11	22.14 0.00 -0.54	19.57 -0.12 0.00	17.48 0.10 0.00

GOWANUS_GT1_1 24077	16.13 1.06 -1.43	14.70 0.82 -3.12	13.75 0.75 -3.19	13.75 0.72 -3.19	15.03 0.71 -4.49	16.18 1.08 -0.27	25.04 1.39 -5.40	30.06 1.75 -6.95	30.23 1.65 -8.47	27.32 1.62 -6.45	28.33 1.44 -9.72	28.35 1.47 -9.61	24.02 1.40 -5.80	24.01 1.46 -5.35	23.33 1.42 -5.20	27.38 1.53 -8.01	27.39 1.70 -5.72	32.73 2.08 -7.28	40.83 2.75 -6.11	40.31 3.09 0.00	29.44 1.87 -3.28	25.07 1.86 -1.61	21.35 1.65 0.00	18.60 1.22 0.00
GOWANUS_GT1_2 24078	16.13 1.06 -1.43	14.70 0.82 -3.12	13.75 0.75 -3.19	13.75 0.72 -3.19	15.03 0.71 -4.49	16.18 1.08 -0.27	25.04 1.39 -5.40	30.06 1.75 -6.95	30.23 1.65 -8.47	27.32 1.62 -6.45	28.33 1.44 -9.72	28.35 1.47 -9.61	24.02 1.40 -5.80	24.01 1.46 -5.35	23.33 1.42 -5.20	27.38 1.53 -8.01	27.39 1.70 -5.72	32.73 2.08 -7.28	40.83 2.75 -6.11	40.31 3.09 0.00	29.44 1.87 -3.28	25.07 1.86 -1.61	21.35 1.65 0.00	18.60 1.22 0.00
GOWANUS_GT1_3 24079	16.13 1.06 -1.43	14.70 0.82 -3.12	13.75 0.75 -3.19	13.75 0.72 -3.19	15.03 0.71 -4.49	16.18 1.08 -0.27	25.04 1.39 -5.40	30.06 1.75 -6.95	30.23 1.65 -8.47	27.32 1.62 -6.45	28.33 1.44 -9.72	28.35 1.47 -9.61	24.02 1.40 -5.80	24.01 1.46 -5.35	23.33 1.42 -5.20	27.38 1.53 -8.01	27.39 1.70 -5.72	32.73 2.08 -7.28	40.83 2.75 -6.11	40.31 3.09 0.00	29.44 1.87 -3.28	25.07 1.86 -1.61	21.35 1.65 0.00	18.60 1.22 0.00
GOWANUS_GT1_4 24080	16.13 1.06 -1.43	14.70 0.82 -3.12	13.75 0.75 -3.19	13.75 0.72 -3.19	15.03 0.71 -4.49	16.18 1.08 -0.27	25.04 1.39 -5.40	30.06 1.75 -6.95	30.23 1.65 -8.47	27.32 1.62 -6.45	28.33 1.44 -9.72	28.35 1.47 -9.61	24.02 1.40 -5.80	24.01 1.46 -5.35	23.33 1.42 -5.20	27.38 1.53 -8.01	27.39 1.70 -5.72	32.73 2.08 -7.28	40.83 2.75 -6.11	40.31 3.09 0.00	29.44 1.87 -3.28	25.07 1.86 -1.61	21.35 1.65 0.00	18.60 1.22 0.00
GOWANUS_GT1_5 24084	16.13 1.06 -1.43	14.70 0.82 -3.12	13.75 0.75 -3.19	13.75 0.72 -3.19	15.03 0.71 -4.49	16.18 1.08 -0.27	25.04 1.39 -5.40	30.06 1.75 -6.95	30.23 1.65 -8.47	27.32 1.62 -6.45	28.33 1.44 -9.72	28.35 1.47 -9.61	24.02 1.40 -5.80	24.01 1.46 -5.35	23.33 1.42 -5.20	27.38 1.53 -8.01	27.39 1.70 -5.72	32.73 2.08 -7.28	40.83 2.75 -6.11	40.31 3.09 0.00	29.44 1.87 -3.28	25.07 1.86 -1.61	21.35 1.65 0.00	18.60 1.22 0.00
GOWANUS_GT1_6 24111	16.13 1.06 -1.43	14.70 0.82 -3.12	13.75 0.75 -3.19	13.75 0.72 -3.19	15.03 0.71 -4.49	16.18 1.08 -0.27	25.04 1.39 -5.40	30.06 1.75 -6.95	30.23 1.65 -8.47	27.32 1.62 -6.45	28.33 1.44 -9.72	28.35 1.47 -9.61	24.02 1.40 -5.80	24.01 1.46 -5.35	23.33 1.42 -5.20	27.38 1.53 -8.01	27.39 1.70 -5.72	32.73 2.08 -7.28	40.83 2.75 -6.11	40.31 3.09 0.00	29.44 1.87 -3.28	25.07 1.86 -1.61	21.35 1.65 0.00	18.60 1.22 0.00
GOWANUS_GT1_7 24112	16.13 1.06 -1.43	14.70 0.82 -3.12	13.75 0.75 -3.19	13.75 0.72 -3.19	15.03 0.71 -4.49	16.18 1.08 -0.27	25.04 1.39 -5.40	30.06 1.75 -6.95	30.23 1.65 -8.47	27.32 1.62 -6.45	28.33 1.44 -9.72	28.35 1.47 -9.61	24.02 1.40 -5.80	24.01 1.46 -5.35	23.33 1.42 -5.20	27.38 1.53 -8.01	27.39 1.70 -5.72	32.73 2.08 -7.28	40.83 2.75 -6.11	40.31 3.09 0.00	29.44 1.87 -3.28	25.07 1.86 -1.61	21.35 1.65 0.00	18.60 1.22 0.00
GOWANUS_GT1_8 24113	16.13 1.06 -1.43	14.70 0.82 -3.12	13.75 0.75 -3.19	13.75 0.72 -3.19	15.03 0.71 -4.49	16.18 1.08 -0.27	25.04 1.39 -5.40	30.06 1.75 -6.95	30.23 1.65 -8.47	27.32 1.62 -6.45	28.33 1.44 -9.72	28.35 1.47 -9.61	24.02 1.40 -5.80	24.01 1.46 -5.35	23.33 1.42 -5.20	27.38 1.53 -8.01	27.39 1.70 -5.72	32.73 2.08 -7.28	40.83 2.75 -6.11	40.31 3.09 0.00	29.44 1.87 -3.28	25.07 1.86 -1.61	21.35 1.65 0.00	18.60 1.22 0.00
GOWANUS_GT2_1 24114	16.14 1.06 -1.44	14.71 0.82 -3.12	13.76 0.75 -3.20	13.75 0.72 -3.20	15.04 0.71 -4.50	16.19 1.08 -0.28	25.04 1.39 -5.40	30.09 1.77 -6.96	30.25 1.67 -8.47	27.38 1.60 -6.52	28.33 1.44 -9.72	28.33 1.45 -9.61	24.02 1.40 -5.80	24.00 1.46 -5.35	23.37 1.44 -5.22	27.38 1.53 -8.01	27.40 1.70 -5.72	33.24 2.08 -7.79	40.83 2.75 -6.11	40.31 3.09 0.00	29.70 1.90 -3.51	25.19 1.86 -1.73	21.35 1.65 -0.01	18.60 1.22 -0.01
GOWANUS_GT2_2 24115	16.14 1.06 -1.44	14.71 0.82 -3.12	13.76 0.75 -3.20	13.75 0.72 -3.20	15.04 0.71 -4.50	16.19 1.08 -0.28	25.04 1.39 -5.40	30.09 1.77 -6.96	30.25 1.67 -8.47	27.38 1.60 -6.52	28.33 1.44 -9.72	28.33 1.45 -9.61	24.02 1.40 -5.80	24.00 1.46 -5.35	23.37 1.44 -5.22	27.38 1.53 -8.01	27.40 1.70 -5.72	33.24 2.08 -7.79	40.83 2.75 -6.11	40.31 3.09 0.00	29.70 1.90 -3.51	25.19 1.86 -1.73	21.35 1.65 -0.01	18.60 1.22 -0.01
GOWANUS_GT2_3 24116	16.14 1.06 -1.44	14.71 0.82 -3.12	13.76 0.75 -3.20	13.75 0.72 -3.20	15.04 0.71 -4.50	16.19 1.08 -0.28	25.04 1.39 -5.40	30.09 1.77 -6.96	30.25 1.67 -8.47	27.38 1.60 -6.52	28.33 1.44 -9.72	28.33 1.45 -9.61	24.02 1.40 -5.80	24.00 1.46 -5.35	23.37 1.44 -5.22	27.38 1.53 -8.01	27.40 1.70 -5.72	33.24 2.08 -7.79	40.83 2.75 -6.11	40.31 3.09 0.00	29.70 1.90 -3.51	25.19 1.86 -1.73	21.35 1.65 -0.01	18.60 1.22 -0.01
GOWANUS_GT2_4 24117	16.14 1.06 -1.44	14.71 0.82 -3.12	13.76 0.75 -3.20	13.75 0.72 -3.20	15.04 0.71 -4.50	16.19 1.08 -0.28	25.04 1.39 -5.40	30.09 1.77 -6.96	30.25 1.67 -8.47	27.38 1.60 -6.52	28.33 1.44 -9.72	28.33 1.45 -9.61	24.02 1.40 -5.80	24.00 1.46 -5.35	23.37 1.44 -5.22	27.38 1.53 -8.01	27.40 1.70 -5.72	33.24 2.08 -7.79	40.83 2.75 -6.11	40.31 3.09 0.00	29.70 1.90 -3.51	25.19 1.86 -1.73	21.35 1.65 -0.01	18.60 1.22 -0.01
GOWANUS_GT2_5 24118	16.14 1.06 -1.44	14.71 0.82 -3.12	13.76 0.75 -3.20	13.75 0.72 -3.20	15.04 0.71 -4.50	16.19 1.08 -0.28	25.04 1.39 -5.40	30.09 1.77 -6.96	30.25 1.67 -8.47	27.38 1.60 -6.52	28.33 1.44 -9.72	28.33 1.45 -9.61	24.02 1.40 -5.80	24.00 1.46 -5.35	23.37 1.44 -5.22	27.38 1.53 -8.01	27.40 1.70 -5.72	33.24 2.08 -7.79	40.83 2.75 -6.11	40.31 3.09 0.00	29.70 1.90 -3.51	25.19 1.86 -1.73	21.35 1.65 -0.01	18.60 1.22 -0.01
GOWANUS_GT2_6 24119	16.14 1.06 -1.44	14.71 0.82 -3.12	13.76 0.75 -3.20	13.75 0.72 -3.20	15.04 0.71 -4.50	16.19 1.08 -0.28	25.04 1.39 -5.40	30.09 1.77 -6.96	30.25 1.67 -8.47	27.38 1.60 -6.52	28.33 1.44 -9.72	28.33 1.45 -9.61	24.02 1.40 -5.80	24.00 1.46 -5.35	23.37 1.44 -5.22	27.38 1.53 -8.01	27.40 1.70 -5.72	33.24 2.08 -7.79	40.83 2.75 -6.11	40.31 3.09 0.00	29.70 1.90 -3.51	25.19 1.86 -1.73	21.35 1.65 -0.01	18.60 1.22 -0.01
GOWANUS_GT2_7 24120	16.14 1.06 -1.44	14.71 0.82 -3.12	13.76 0.75 -3.20	13.75 0.72 -3.20	15.04 0.71 -4.50	16.19 1.08 -0.28	25.04 1.39 -5.40	30.09 1.77 -6.96	30.25 1.67 -8.47	27.38 1.60 -6.52	28.33 1.44 -9.72	28.33 1.45 -9.61	24.02 1.40 -5.80	24.00 1.46 -5.35	23.37 1.44 -5.22	27.38 1.53 -8.01	27.40 1.70 -5.72	33.24 2.08 -7.79	40.83 2.75 -6.11	40.31 3.09 0.00	29.70 1.90 -3.51	25.19 1.86 -1.73	21.35 1.65 -0.01	18.60 1.22 -0.01

GOWANUS_GT2_8 24121	16.14 1.06 -1.44	14.71 0.82 -3.12	13.76 0.75 -3.20	13.75 0.72 -3.20	15.04 0.71 -4.50	16.19 1.08 -0.28	25.04 1.39 -5.40	30.09 1.77 -6.96	30.25 1.67 -8.47	27.38 1.60 -6.52	28.33 1.44 -9.72	28.33 1.45 -9.61	24.02 1.40 -5.80	24.00 1.46 -5.35	23.37 1.44 -5.22	27.38 1.53 -8.01	27.40 1.70 -5.72	33.24 2.08 -7.79	40.83 2.75 -6.11	40.31 3.09 0.00	29.70 1.90 -3.51	25.19 1.86 -1.73	21.35 1.65 -0.01	18.60 1.22 -0.01
GOWANUS_GT3_1 24122	16.14 1.06 -1.44	14.71 0.82 -3.12	13.76 0.75 -3.20	13.75 0.72 -3.20	15.04 0.71 -4.50	16.19 1.08 -0.28	25.04 1.39 -5.40	30.09 1.77 -6.96	30.25 1.67 -8.47	27.38 1.60 -6.52	28.33 1.44 -9.72	28.33 1.45 -9.61	24.02 1.40 -5.80	24.00 1.46 -5.35	23.37 1.44 -5.22	27.38 1.53 -8.01	27.40 1.70 -5.72	33.24 2.08 -7.79	40.83 2.75 -6.11	40.31 3.09 0.00	29.70 1.90 -3.51	25.19 1.86 -1.73	21.35 1.65 -0.01	18.60 1.22 -0.01
GOWANUS_GT3_2 24123	16.14 1.06 -1.44	14.71 0.82 -3.12	13.76 0.75 -3.20	13.75 0.72 -3.20	15.04 0.71 -4.50	16.19 1.08 -0.28	25.04 1.39 -5.40	30.09 1.77 -6.96	30.25 1.67 -8.47	27.38 1.60 -6.52	28.33 1.44 -9.72	28.33 1.45 -9.61	24.02 1.40 -5.80	24.00 1.46 -5.35	23.37 1.44 -5.22	27.38 1.53 -8.01	27.40 1.70 -5.72	33.24 2.08 -7.79	40.83 2.75 -6.11	40.31 3.09 0.00	29.70 1.90 -3.51	25.19 1.86 -1.73	21.35 1.65 -0.01	18.60 1.22 -0.01
GOWANUS_GT3_3 24124	16.14 1.06 -1.44	14.71 0.82 -3.12	13.76 0.75 -3.20	13.75 0.72 -3.20	15.04 0.71 -4.50	16.19 1.08 -0.28	25.04 1.39 -5.40	30.09 1.77 -6.96	30.25 1.67 -8.47	27.38 1.60 -6.52	28.33 1.44 -9.72	28.33 1.45 -9.61	24.02 1.40 -5.80	24.00 1.46 -5.35	23.37 1.44 -5.22	27.38 1.53 -8.01	27.40 1.70 -5.72	33.24 2.08 -7.79	40.83 2.75 -6.11	40.31 3.09 0.00	29.70 1.90 -3.51	25.19 1.86 -1.73	21.35 1.65 -0.01	18.60 1.22 -0.01
GOWANUS_GT3_4 24125	16.14 1.06 -1.44	14.71 0.82 -3.12	13.76 0.75 -3.20	13.75 0.72 -3.20	15.04 0.71 -4.50	16.19 1.08 -0.28	25.04 1.39 -5.40	30.09 1.77 -6.96	30.25 1.67 -8.47	27.38 1.60 -6.52	28.33 1.44 -9.72	28.33 1.45 -9.61	24.02 1.40 -5.80	24.00 1.46 -5.35	23.37 1.44 -5.22	27.38 1.53 -8.01	27.40 1.70 -5.72	33.24 2.08 -7.79	40.83 2.75 -6.11	40.31 3.09 0.00	29.70 1.90 -3.51	25.19 1.86 -1.73	21.35 1.65 -0.01	18.60 1.22 -0.01
GOWANUS_GT3_5 24126	16.14 1.06 -1.44	14.71 0.82 -3.12	13.76 0.75 -3.20	13.75 0.72 -3.20	15.04 0.71 -4.50	16.19 1.08 -0.28	25.04 1.39 -5.40	30.09 1.77 -6.96	30.25 1.67 -8.47	27.38 1.60 -6.52	28.33 1.44 -9.72	28.33 1.45 -9.61	24.02 1.40 -5.80	24.00 1.46 -5.35	23.37 1.44 -5.22	27.38 1.53 -8.01	27.40 1.70 -5.72	33.24 2.08 -7.79	40.83 2.75 -6.11	40.31 3.09 0.00	29.70 1.90 -3.51	25.19 1.86 -1.73	21.35 1.65 -0.01	18.60 1.22 -0.01
GOWANUS_GT3_6 24127	16.14 1.06 -1.44	14.71 0.82 -3.12	13.76 0.75 -3.20	13.75 0.72 -3.20	15.04 0.71 -4.50	16.19 1.08 -0.28	25.04 1.39 -5.40	30.09 1.77 -6.96	30.25 1.67 -8.47	27.38 1.60 -6.52	28.33 1.44 -9.72	28.33 1.45 -9.61	24.02 1.40 -5.80	24.00 1.46 -5.35	23.37 1.44 -5.22	27.38 1.53 -8.01	27.40 1.70 -5.72	33.24 2.08 -7.79	40.83 2.75 -6.11	40.31 3.09 0.00	29.70 1.90 -3.51	25.19 1.86 -1.73	21.35 1.65 -0.01	18.60 1.22 -0.01
GOWANUS_GT3_7 24128	16.14 1.06 -1.44	14.71 0.82 -3.12	13.76 0.75 -3.20	13.75 0.72 -3.20	15.04 0.71 -4.50	16.19 1.08 -0.28	25.04 1.39 -5.40	30.09 1.77 -6.96	30.25 1.67 -8.47	27.38 1.60 -6.52	28.33 1.44 -9.72	28.33 1.45 -9.61	24.02 1.40 -5.80	24.00 1.46 -5.35	23.37 1.44 -5.22	27.38 1.53 -8.01	27.40 1.70 -5.72	33.24 2.08 -7.79	40.83 2.75 -6.11	40.31 3.09 0.00	29.70 1.90 -3.51	25.19 1.86 -1.73	21.35 1.65 -0.01	18.60 1.22 -0.01
GOWANUS_GT3_8 24129	16.14 1.06 -1.44	14.71 0.82 -3.12	13.76 0.75 -3.20	13.75 0.72 -3.20	15.04 0.71 -4.50	16.19 1.08 -0.28	25.04 1.39 -5.40	30.09 1.77 -6.96	30.25 1.67 -8.47	27.38 1.60 -6.52	28.33 1.44 -9.72	28.33 1.45 -9.61	24.02 1.40 -5.80	24.00 1.46 -5.35	23.37 1.44 -5.22	27.38 1.53 -8.01	27.40 1.70 -5.72	33.24 2.08 -7.79	40.83 2.75 -6.11	40.31 3.09 0.00	29.70 1.90 -3.51	25.19 1.86 -1.73	21.35 1.65 -0.01	18.60 1.22 -0.01
GOWANUS_GT4_1 24130	16.13 1.06 -1.43	14.70 0.82 -3.12	13.75 0.75 -3.19	13.75 0.72 -3.19	15.03 0.71 -4.49	16.18 1.08 -0.27	25.04 1.39 -5.40	30.06 1.75 -6.95	30.23 1.65 -8.47	27.32 1.62 -6.45	28.33 1.44 -9.72	28.35 1.47 -9.61	24.02 1.40 -5.80	24.01 1.46 -5.35	23.33 1.42 -5.20	27.38 1.53 -8.01	27.39 1.70 -5.72	32.73 2.08 -7.28	40.83 2.75 -6.11	40.31 3.09 0.00	29.44 1.87 -3.28	25.07 1.86 -1.61	21.35 1.65 0.00	18.60 1.22 0.00
GOWANUS_GT4_2 24131	16.13 1.06 -1.43	14.70 0.82 -3.12	13.75 0.75 -3.19	13.75 0.72 -3.19	15.03 0.71 -4.49	16.18 1.08 -0.27	25.04 1.39 -5.40	30.06 1.75 -6.95	30.23 1.65 -8.47	27.32 1.62 -6.45	28.33 1.44 -9.72	28.35 1.47 -9.61	24.02 1.40 -5.80	24.01 1.46 -5.35	23.33 1.42 -5.20	27.38 1.53 -8.01	27.39 1.70 -5.72	32.73 2.08 -7.28	40.83 2.75 -6.11	40.31 3.09 0.00	29.44 1.87 -3.28	25.07 1.86 -1.61	21.35 1.65 0.00	18.60 1.22 0.00
GOWANUS_GT4_3 24132	16.13 1.06 -1.43	14.70 0.82 -3.12	13.75 0.75 -3.19	13.75 0.72 -3.19	15.03 0.71 -4.49	16.18 1.08 -0.27	25.04 1.39 -5.40	30.06 1.75 -6.95	30.23 1.65 -8.47	27.32 1.62 -6.45	28.33 1.44 -9.72	28.35 1.47 -9.61	24.02 1.40 -5.80	24.01 1.46 -5.35	23.33 1.42 -5.20	27.38 1.53 -8.01	27.39 1.70 -5.72	32.73 2.08 -7.28	40.83 2.75 -6.11	40.31 3.09 0.00	29.44 1.87 -3.28	25.07 1.86 -1.61	21.35 1.65 0.00	18.60 1.22 0.00
GOWANUS_GT4_4 24133	16.13 1.06 -1.43	14.70 0.82 -3.12	13.75 0.75 -3.19	13.75 0.72 -3.19	15.03 0.71 -4.49	16.18 1.08 -0.27	25.04 1.39 -5.40	30.06 1.75 -6.95	30.23 1.65 -8.47	27.32 1.62 -6.45	28.33 1.44 -9.72	28.35 1.47 -9.61	24.02 1.40 -5.80	24.01 1.46 -5.35	23.33 1.42 -5.20	27.38 1.53 -8.01	27.39 1.70 -5.72	32.73 2.08 -7.28	40.83 2.75 -6.11	40.31 3.09 0.00	29.44 1.87 -3.28	25.07 1.86 -1.61	21.35 1.65 0.00	18.60 1.22 0.00
GOWANUS_GT4_5 24134	16.13 1.06 -1.43	14.70 0.82 -3.12	13.75 0.75 -3.19	13.75 0.72 -3.19	15.03 0.71 -4.49	16.18 1.08 -0.27	25.04 1.39 -5.40	30.06 1.75 -6.95	30.23 1.65 -8.47	27.32 1.62 -6.45	28.33 1.44 -9.72	28.35 1.47 -9.61	24.02 1.40 -5.80	24.01 1.46 -5.35	23.33 1.42 -5.20	27.38 1.53 -8.01	27.39 1.70 -5.72	32.73 2.08 -7.28	40.83 2.75 -6.11	40.31 3.09 0.00	29.44 1.87 -3.28	25.07 1.86 -1.61	21.35 1.65 0.00	18.60 1.22 0.00
GOWANUS_GT4_6 24135	16.13 1.06 -1.43	14.70 0.82 -3.12	13.75 0.75 -3.19	13.75 0.72 -3.19	15.03 0.71 -4.49	16.18 1.08 -0.27	25.04 1.39 -5.40	30.06 1.75 -6.95	30.23 1.65 -8.47	27.32 1.62 -6.45	28.33 1.44 -9.72	28.35 1.47 -9.61	24.02 1.40 -5.80	24.01 1.46 -5.35	23.33 1.42 -5.20	27.38 1.53 -8.01	27.39 1.70 -5.72	32.73 2.08 -7.28	40.83 2.75 -6.11	40.31 3.09 0.00	29.44 1.87 -3.28	25.07 1.86 -1.61	21.35 1.65 0.00	18.60 1.22 0.00

GOWANUS_GT4_7 24136	16.13 1.06 -1.43	14.70 0.82 -3.12	13.75 0.75 -3.19	13.75 0.72 -3.19	15.03 0.71 -4.49	16.18 1.08 -0.27	25.04 1.39 -5.40	30.06 1.75 -6.95	30.23 1.65 -8.47	27.32 1.62 -6.45	28.33 1.44 -9.72	28.35 1.47 -9.61	24.02 1.40 -5.80	24.01 1.46 -5.35	23.33 1.42 -5.20	27.38 1.53 -8.01	27.39 1.70 -5.72	32.73 2.08 -7.28	40.83 2.75 -6.11	40.31 3.09 0.00	29.44 1.87 -3.28	25.07 1.86 -1.61	21.35 1.65 0.00	18.60 1.22 0.00
GOWANUS_GT4_8 24137	16.13 1.06 -1.43	14.70 0.82 -3.12	13.75 0.75 -3.19	13.75 0.72 -3.19	15.03 0.71 -4.49	16.18 1.08 -0.27	25.04 1.39 -5.40	30.06 1.75 -6.95	30.23 1.65 -8.47	27.32 1.62 -6.45	28.33 1.44 -9.72	28.35 1.47 -9.61	24.02 1.40 -5.80	24.01 1.46 -5.35	23.33 1.42 -5.20	27.38 1.53 -8.01	27.39 1.70 -5.72	32.73 2.08 -7.28	40.83 2.75 -6.11	40.31 3.09 0.00	29.44 1.87 -3.28	25.07 1.86 -1.61	21.35 1.65 0.00	18.60 1.22 0.00
GREENBSH_115KV_TB3 55895	15.73 0.26 -1.84	15.01 0.24 -4.01	14.13 0.22 -4.10	14.15 0.22 -4.10	15.80 0.19 -5.78	15.50 0.33 -0.34	23.67 0.35 -5.07	25.79 0.47 -3.96	23.44 0.42 -2.91	22.07 0.39 -2.43	19.72 0.34 -2.21	18.83 0.31 -1.25	18.02 0.37 -0.82	18.21 0.38 -0.64	18.29 0.35 -1.23	19.30 0.45 -1.02	22.03 0.52 -1.53	32.93 0.61 -8.95	35.45 0.83 -2.64	38.11 0.89 0.00	28.96 0.63 -4.04	24.14 0.56 -1.98	20.11 0.41 0.00	17.66 0.28 0.00
GREENDGE_115KV_TB5 80291	13.98 0.07 -0.28	11.41 0.04 -0.60	10.50 0.07 -0.61	10.51 0.06 -0.61	10.76 0.06 -0.86	15.12 0.24 -0.05	19.00 0.15 -0.60	23.03 0.09 -1.58	20.29 0.18 0.00	19.46 -0.02 -0.23	17.15 -0.02 0.00	17.33 0.07 0.00	16.87 0.05 0.00	17.19 0.00 0.00	16.71 -0.07 -0.07	17.71 -0.12 0.00	19.84 -0.16 -0.02	25.05 0.16 -1.51	31.88 -0.10 0.00	37.18 -0.04 0.00	25.09 0.12 -0.68	22.04 0.11 -0.33	19.61 -0.08 0.00	17.54 0.16 0.00
GREENIDGE___3 23582	13.98 0.07 -0.28	11.41 0.04 -0.60	10.50 0.07 -0.61	10.51 0.06 -0.61	10.76 0.06 -0.86	15.12 0.24 -0.05	19.00 0.15 -0.60	23.03 0.09 -1.58	20.29 0.18 0.00	19.46 -0.02 -0.23	17.15 -0.02 0.00	17.33 0.07 0.00	16.87 0.05 0.00	17.19 0.00 0.00	16.71 -0.07 -0.07	17.71 -0.12 0.00	19.84 -0.16 -0.02	25.05 0.16 -1.51	31.88 -0.10 0.00	37.18 -0.04 0.00	25.09 0.12 -0.68	22.04 0.11 -0.33	19.61 -0.08 0.00	17.54 0.16 0.00
GREENIDGE___4 23583	13.98 0.07 -0.28	11.41 0.04 -0.60	10.50 0.07 -0.61	10.51 0.06 -0.61	10.76 0.06 -0.86	15.12 0.24 -0.05	19.00 0.15 -0.60	23.10 0.15 -1.58	20.27 0.16 0.00	19.28 -0.04 -0.06	17.12 -0.05 0.00	17.26 0.00 0.00	16.89 0.07 0.00	17.11 -0.09 0.00	16.60 -0.13 -0.02	17.73 -0.11 0.00	19.82 -0.16 -0.01	23.97 0.16 -0.43	31.88 -0.10 0.00	37.18 -0.04 0.00	24.61 0.12 -0.20	21.80 0.11 -0.10	19.61 -0.08 0.00	17.54 0.16 0.00
GREENLWN_69_KV_BK 3 55738	16.14 1.08 -1.43	14.66 0.77 -3.12	13.65 0.64 -3.19	13.64 0.61 -3.19	14.93 0.60 -4.50	16.10 0.99 -0.27	25.02 1.37 -5.39	29.69 1.39 -6.94	28.08 1.37 -6.60	24.44 1.58 -3.60	23.70 1.42 -5.10	21.56 1.40 -2.90	20.01 1.28 -1.90	20.03 1.36 -1.48	20.35 1.42 -2.22	21.84 1.66 -2.35	25.28 1.94 -3.36	32.99 2.29 -7.33	42.41 3.13 -7.31	40.64 3.42 0.00	32.66 2.31 -6.06	27.96 2.10 -4.27	21.67 1.97 -0.01	18.77 1.39 -0.01
GREENWD_138_KV_38B11_REV_LBMP_J 345004	16.13 1.06 -1.43	14.70 0.82 -3.12	13.75 0.75 -3.19	13.75 0.72 -3.19	15.03 0.71 -4.49	16.18 1.08 -0.27	25.04 1.39 -5.40	30.06 1.75 -6.95	30.23 1.65 -8.47	27.32 1.62 -6.45	28.33 1.44 -9.72	28.35 1.47 -9.61	24.02 1.40 -5.80	24.01 1.46 -5.35	23.33 1.42 -5.20	27.38 1.53 -8.01	27.39 1.70 -5.72	32.73 2.08 -7.28	40.83 2.75 -6.11	40.31 3.09 0.00	29.44 1.87 -3.28	25.07 1.86 -1.61	21.35 1.65 0.00	18.60 1.22 0.00
GRISSOM___SOLAR 323813	16.19 0.65 -1.90	15.41 0.51 -4.14	14.52 0.46 -4.24	14.53 0.45 -4.24	16.28 0.47 -5.98	16.08 0.89 -0.36	24.64 1.24 -5.15	26.91 1.73 -3.81	24.21 1.41 -2.69	22.86 1.16 -2.45	20.02 0.81 -2.04	19.13 0.71 -1.16	18.34 0.76 -0.76	18.69 0.91 -0.59	18.72 0.80 -1.20	19.88 1.11 -0.94	22.72 1.30 -1.44	34.83 1.82 -9.63	37.30 2.88 -2.44	40.57 3.35 0.00	30.82 2.19 -4.35	25.41 1.69 -2.13	20.97 1.28 0.00	18.27 0.89 0.00
GROVEVILLE___HYD 323602	16.00 0.91 -1.45	14.62 0.70 -3.15	13.65 0.60 -3.23	13.66 0.59 -3.23	15.00 0.62 -4.55	16.01 0.90 -0.27	24.74 1.17 -5.32	29.56 1.50 -6.71	27.84 1.41 -6.33	24.17 1.39 -3.53	23.33 1.22 -4.94	21.28 1.21 -2.81	19.76 1.09 -1.84	19.76 1.13 -1.43	19.99 1.12 -2.16	21.32 1.21 -2.28	24.62 1.40 -3.24	32.39 1.73 -7.29	40.38 2.49 -5.91	40.09 2.87 0.00	29.42 1.85 -3.29	24.83 1.62 -1.61	21.07 1.38 0.00	18.40 1.03 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	13.90 0.12 -0.14	11.16 0.09 -0.31	10.24 0.10 -0.32	10.25 0.09 -0.32	10.39 0.11 -0.45	15.05 0.19 -0.03	18.79 0.22 -0.31	21.72 0.23 -0.12	20.31 0.20 0.00	19.51 0.13 -0.12	17.29 0.12 0.00	17.40 0.14 0.00	16.96 0.13 0.00	17.29 0.10 0.00	16.81 0.07 -0.04	17.85 0.02 0.00	19.99 0.00 -0.01	24.33 0.16 -0.79	32.17 0.19 0.00	37.48 0.26 0.00	24.74 0.10 -0.36	21.88 0.11 -0.17	19.65 -0.04 0.00	17.48 0.10 0.00
HAMLTNNY_34_KV_TB 80303	13.87 0.08 -0.15	11.14 0.04 -0.34	10.23 0.07 -0.34	10.24 0.06 -0.34	10.39 0.07 -0.49	15.01 0.15 -0.03	18.74 0.15 -0.34	21.62 0.13 -0.13	20.23 0.12 0.00	19.40 0.02 -0.13	17.20 0.03 0.00	17.32 0.05 0.00	16.87 0.05 0.00	17.21 0.02 0.00	16.73 -0.02 -0.04	17.78 -0.05 0.00	19.89 -0.10 -0.01	24.27 0.05 -0.85	32.01 0.03 0.00	37.29 0.07 0.00	24.65 -0.02 -0.38	21.79 0.00 -0.19	19.57 -0.12 0.00	17.41 0.03 0.00
HAMPSHIRE___PAPER_HYD 323593	13.53 -0.15 -0.04	10.72 -0.13 -0.09	9.78 -0.13 -0.09	9.78 -0.15 -0.09	9.83 -0.13 -0.13	14.59 -0.25 -0.01	18.11 -0.24 -0.09	21.12 -0.28 -0.04	19.83 -0.28 0.00	18.95 -0.31 0.00	16.94 -0.22 0.00	17.01 -0.26 0.00	16.52 -0.30 0.00	16.88 -0.31 0.00	16.39 -0.32 0.00	17.53 -0.30 0.00	19.64 -0.34 0.00	23.09 -0.28 0.00	31.85 -0.13 0.00	37.22 0.00 0.00	24.17 -0.12 0.00	21.49 -0.11 0.00	19.57 -0.12 0.00	17.28 -0.10 0.00
HARDSCRABBLE_WT_PWR 323673	13.88 0.25 0.00	10.95 0.18 0.00	9.98 0.16 0.00	10.01 0.17 0.00	10.02 0.19 0.00	15.12 0.28 0.00	18.64 0.38 0.00	21.90 0.53 0.00	20.63 0.52 0.00	19.76 0.50 0.00	17.63 0.46 0.00	17.70 0.43 0.00	17.24 0.42 0.00	17.62 0.43 0.00	17.11 0.40 0.00	18.26 0.43 0.00	20.48 0.50 0.00	24.07 0.70 0.00	33.03 1.05 0.00	38.41 1.19 0.00	25.06 0.78 0.00	22.29 0.69 0.00	20.26 0.57 0.00	17.88 0.50 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	15.73 0.86 -1.24	14.12 0.66 -2.70	13.15 0.57 -2.76	13.15 0.55 -2.76	14.30 0.57 -3.89	15.91 0.85 -0.23	24.91 1.10 -5.56	30.87 1.37 -8.14	29.52 1.31 -8.10	24.63 1.31 -4.06	24.59 1.15 -6.27	21.98 1.16 -3.56	20.26 1.09 -2.34	20.14 1.13 -1.81	20.41 1.09 -2.62	21.90 1.18 -2.89	25.38 1.34 -4.06	31.55 1.66 -6.51	41.77 2.30 -7.49	39.86 2.64 0.00	28.93 1.70 -2.94	24.57 1.53 -1.44	21.01 1.32 0.00	18.34 0.96 0.00

HARSNRAD_115KV_TB1 81005	13.37 -0.48 -0.21	10.94 -0.29 -0.46	10.03 -0.27 -0.47	10.03 -0.29 -0.47	10.09 -0.41 -0.67	14.41 -0.46 -0.04	17.79 -0.93 -0.46	19.08 -1.58 0.71	18.72 -1.39 0.00	17.87 -1.56 -0.17	15.91 -1.25 0.00	16.18 -1.09 0.00	15.80 -1.03 0.00	16.11 -1.08 0.00	15.65 -1.12 -0.05	16.57 -1.27 0.00	18.42 -1.58 -0.02	23.05 -1.50 -1.17	29.48 -2.49 0.00	34.43 -2.79 0.00	23.31 -1.51 -0.53	20.67 -1.19 -0.26	18.71 -0.98 0.00	16.86 -0.52 0.00
HARZA MOOSE__RIVER 24016	13.89 0.20 -0.05	11.01 0.13 -0.12	10.05 0.11 -0.12	10.04 0.08 -0.12	10.11 0.11 -0.17	14.96 0.12 -0.01	18.55 0.18 -0.12	21.69 0.28 -0.05	20.35 0.24 0.00	19.51 0.21 -0.04	17.36 0.19 0.00	17.40 0.14 0.00	16.92 0.10 0.00	17.29 0.10 0.00	16.79 0.07 -0.01	17.94 0.11 0.00	20.04 0.06 0.00	24.05 0.37 -0.30	32.71 0.74 0.00	38.23 1.00 0.00	24.98 0.56 -0.14	22.12 0.45 -0.07	19.95 0.26 0.00	17.64 0.26 0.00
HDSNBRDG_115KV_BRDG_TB1 355580	13.74 -0.03 -0.13	11.02 -0.03 -0.29	10.10 -0.01 -0.29	10.11 -0.02 -0.29	10.23 -0.02 -0.41	14.87 0.01 -0.02	18.52 -0.02 -0.29	21.43 -0.04 -0.11	20.07 -0.04 0.00	19.23 -0.13 -0.11	17.06 -0.10 0.00	17.20 -0.07 0.00	16.74 -0.08 0.00	17.09 -0.10 0.00	16.61 -0.13 -0.03	17.65 -0.18 0.00	19.75 -0.24 -0.01	23.96 -0.14 -0.72	31.72 -0.26 0.00	36.96 -0.26 0.00	24.42 -0.19 -0.33	21.59 -0.17 -0.16	19.44 -0.26 0.00	17.29 -0.09 0.00
HELLGATE_13_KV_LD 55870	16.09 1.02 -1.43	14.68 0.80 -3.12	13.73 0.73 -3.19	13.73 0.70 -3.19	15.02 0.70 -4.49	16.15 1.05 -0.27	25.02 1.37 -5.40	30.02 1.71 -6.95	30.19 1.61 -8.47	27.30 1.60 -6.45	28.31 1.42 -9.72	28.31 1.43 -9.61	24.02 1.40 -5.80	23.99 1.44 -5.35	23.31 1.40 -5.20	27.36 1.52 -8.01	27.35 1.66 -5.72	32.64 1.99 -7.28	40.67 2.59 -6.11	40.12 2.90 0.00	29.42 1.85 -3.28	25.02 1.81 -1.61	21.31 1.61 0.00	18.54 1.16 0.00
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	16.09 1.02 -1.43	14.68 0.80 -3.12	13.73 0.73 -3.19	13.73 0.70 -3.19	15.02 0.70 -4.49	16.15 1.05 -0.27	25.02 1.37 -5.40	30.02 1.71 -6.95	30.19 1.61 -8.47	27.30 1.60 -6.45	28.31 1.42 -9.72	28.31 1.43 -9.61	24.02 1.40 -5.80	23.99 1.44 -5.35	23.31 1.40 -5.20	27.36 1.52 -8.01	27.35 1.66 -5.72	32.64 1.99 -7.28	40.67 2.59 -6.11	40.12 2.90 0.00	29.42 1.85 -3.28	25.02 1.81 -1.61	21.31 1.61 0.00	18.54 1.16 0.00
HEMPSTEAD____ 23647	16.12 1.05 -1.43	14.65 0.76 -3.12	13.66 0.65 -3.19	13.65 0.62 -3.19	14.94 0.61 -4.50	16.10 0.99 -0.27	24.98 1.33 -5.39	29.84 1.54 -6.94	28.18 1.47 -6.60	24.48 1.54 -3.68	23.70 1.42 -5.10	21.54 1.38 -2.90	20.12 1.40 -1.90	20.04 1.38 -1.48	20.36 1.40 -2.25	21.79 1.61 -2.35	25.16 1.82 -3.37	33.40 2.20 -7.83	42.23 2.94 -7.32	40.62 3.39 -0.01	32.76 2.19 -6.29	27.99 2.01 -4.38	21.51 1.81 -0.01	18.69 1.30 0.00
HEWLETT__69_KV_BK3 55828	16.23 1.16 -1.43	14.72 0.84 -3.12	13.72 0.71 -3.19	13.71 0.68 -3.19	15.00 0.67 -4.50	16.18 1.08 -0.27	25.11 1.46 -5.39	29.93 1.62 -6.94	28.24 1.53 -6.60	24.54 1.68 -3.60	23.78 1.51 -5.10	21.63 1.47 -2.90	20.09 1.36 -1.90	20.08 1.41 -1.48	20.39 1.45 -2.22	21.88 1.69 -2.35	25.25 1.92 -3.36	32.99 2.29 -7.33	42.40 3.10 -7.32	40.79 3.57 0.00	32.65 2.31 -6.06	28.02 2.16 -4.26	21.68 1.99 0.00	18.82 1.44 0.00
HICKLING__1 23621	14.00 0.01 -0.35	11.55 0.02 -0.77	10.64 0.04 -0.79	10.66 0.03 -0.79	10.94 0.00 -1.11	15.09 0.19 -0.07	18.99 -0.04 -0.77	22.00 -0.15 -0.78	20.21 0.10 0.00	19.37 -0.17 -0.29	17.03 -0.14 0.00	17.23 -0.03 0.00	16.82 0.00 0.00	17.14 -0.05 0.00	16.65 -0.15 -0.09	17.58 -0.25 0.00	19.67 -0.34 -0.03	25.29 -0.02 -1.94	31.75 -0.22 0.00	37.18 -0.04 0.00	25.19 0.02 -0.88	22.07 0.04 -0.43	19.59 -0.10 0.00	17.59 0.21 0.00
HICKLING__2 23622	14.00 0.01 -0.35	11.55 0.02 -0.77	10.64 0.04 -0.79	10.66 0.03 -0.79	10.94 0.00 -1.11	15.09 0.19 -0.07	18.99 -0.04 -0.77	22.00 -0.15 -0.78	20.21 0.10 0.00	19.37 -0.17 -0.29	17.03 -0.14 0.00	17.23 -0.03 0.00	16.82 0.00 0.00	17.14 -0.05 0.00	16.65 -0.15 -0.09	17.58 -0.25 0.00	19.67 -0.34 -0.03	25.29 -0.02 -1.94	31.75 -0.22 0.00	37.18 -0.04 0.00	25.19 0.02 -0.88	22.07 0.04 -0.43	19.59 -0.10 0.00	17.59 0.21 0.00
HIGH FALLS__HY 23754	16.01 0.95 -1.42	14.58 0.71 -3.10	13.59 0.60 -3.18	13.60 0.59 -3.17	14.95 0.64 -4.47	15.99 0.89 -0.27	23.78 1.17 -4.36	26.88 1.54 -3.98	24.79 1.45 -3.23	23.04 1.46 -2.32	20.96 1.27 -2.52	19.96 1.26 -1.43	18.93 1.16 -0.94	19.12 1.20 -0.73	19.15 1.17 -1.27	20.24 1.25 -1.16	23.12 1.44 -1.71	32.41 1.82 -7.22	37.58 2.59 -3.02	40.20 2.98 0.00	29.41 1.87 -3.26	24.88 1.68 -1.59	21.15 1.46 0.00	18.46 1.08 0.00
HILLBURN__GT 23639	15.78 0.87 -1.27	14.21 0.67 -2.77	13.26 0.60 -2.84	13.26 0.58 -2.84	14.42 0.59 -4.00	15.96 0.89 -0.24	25.34 1.15 -5.94	31.90 1.43 -9.11	30.64 1.35 -9.18	25.19 1.35 -4.58	25.49 1.20 -7.12	22.50 1.19 -4.04	20.64 1.16 -2.66	20.45 1.20 -2.06	20.82 1.15 -2.96	22.36 1.25 -3.28	25.99 1.40 -4.61	32.28 1.73 -7.18	42.82 2.33 -8.51	39.90 2.68 0.00	29.28 1.75 -3.24	24.76 1.58 -1.59	21.05 1.36 0.00	18.37 0.99 0.00
HILLSIDE_115KV_TB1 80332	13.88 -0.12 -0.37	11.48 -0.08 -0.80	10.56 -0.07 -0.81	10.58 -0.08 -0.81	10.87 -0.11 -1.15	14.93 0.03 -0.07	18.81 -0.24 -0.80	21.65 -0.38 -0.68	20.01 -0.10 0.00	19.15 -0.40 -0.30	16.82 -0.34 0.00	17.02 -0.24 0.00	16.66 -0.17 0.00	16.95 -0.24 0.00	16.47 -0.33 -0.09	17.39 -0.45 0.00	19.45 -0.56 -0.03	25.08 -0.30 -2.01	31.37 -0.61 0.00	36.70 -0.52 0.00	24.90 -0.29 -0.91	21.83 -0.22 -0.44	19.40 -0.30 0.00	17.38 0.00 0.00
HISHELDN_WT_PWR 323625	13.40 -0.49 -0.25	10.99 -0.32 -0.55	10.08 -0.30 -0.56	10.08 -0.32 -0.56	10.20 -0.42 -0.79	14.48 -0.40 -0.05	17.91 -0.89 -0.55	17.49 -1.37 2.50	18.90 -1.21 0.00	17.95 -1.37 -0.06	16.00 -1.17 0.00	16.19 -1.07 0.00	15.95 -0.88 0.00	16.13 -1.07 0.00	15.64 -1.09 -0.02	16.73 -1.11 0.00	18.67 -1.32 -0.01	22.61 -1.14 -0.39	30.06 -1.92 0.00	35.21 -2.01 0.00	23.39 -1.07 -0.17	20.84 -0.84 -0.09	18.94 -0.75 0.00	17.07 -0.31 0.00
HOLTSVILLE_IC_1 23690	16.47 1.40 -1.43	14.90 1.02 -3.12	13.85 0.84 -3.19	13.85 0.82 -3.19	15.13 0.80 -4.50	16.42 1.32 -0.27	25.40 1.75 -5.39	30.29 1.99 -6.94	28.50 1.79 -6.60	24.84 1.91 -3.68	23.95 1.68 -5.10	21.80 1.64 -2.90	20.41 1.68 -1.90	20.30 1.63 -1.48	20.66 1.71 -2.25	22.18 2.00 -2.35	25.67 2.32 -3.37	34.02 2.80 -7.84	43.04 3.68 -7.40	41.60 4.35 -0.02	33.42 2.84 -6.30	28.55 2.57 -4.39	22.09 2.38 -0.02	19.20 1.81 -0.01
HOLTSVILLE_IC_10 23699	16.54 1.47 -1.43	14.95 1.07 -3.12	13.89 0.88 -3.19	13.88 0.86 -3.19	15.16 0.83 -4.50	16.48 1.38 -0.27	25.49 1.84 -5.39	30.40 2.09 -6.94	28.60 1.89 -6.60	24.94 2.00 -3.68	24.02 1.75 -5.10	21.87 1.71 -2.90	20.49 1.77 -1.90	20.37 1.70 -1.48	20.75 1.79 -2.25	22.27 2.09 -2.35	25.79 2.44 -3.37	34.18 2.97 -7.84	43.31 3.93 -7.40	41.86 4.61 -0.03	33.60 3.01 -6.30	28.68 2.70 -4.39	22.19 2.48 -0.02	19.28 1.89 -0.01

HOLTSVILLE_IC_2 23691	16.47 1.40 -1.43	14.90 1.02 -3.12	13.85 0.84 -3.19	13.85 0.82 -3.19	15.13 0.80 -4.50	16.42 1.32 -0.27	25.40 1.75 -5.39	30.29 1.99 -6.94	28.50 1.79 -6.60	24.84 1.91 -3.68	23.95 1.68 -5.10	21.80 1.64 -2.90	20.41 1.68 -1.90	20.30 1.63 -1.48	20.66 1.71 -2.25	22.18 2.00 -2.35	25.67 2.32 -3.37	34.02 2.80 -7.84	43.04 3.68 -7.40	41.60 4.35 -0.02	33.42 2.84 -6.30	28.55 2.57 -4.39	22.09 2.38 -0.02	19.20 1.81 -0.01
HOLTSVILLE_IC_3 23692	16.47 1.40 -1.43	14.90 1.02 -3.12	13.85 0.84 -3.19	13.85 0.82 -3.19	15.13 0.80 -4.50	16.42 1.32 -0.27	25.40 1.75 -5.39	30.29 1.99 -6.94	28.50 1.79 -6.60	24.84 1.91 -3.68	23.95 1.68 -5.10	21.80 1.64 -2.90	20.41 1.68 -1.90	20.30 1.63 -1.48	20.66 1.71 -2.25	22.18 2.00 -2.35	25.67 2.32 -3.37	34.02 2.80 -7.84	43.04 3.68 -7.40	41.60 4.35 -0.02	33.42 2.84 -6.30	28.55 2.57 -4.39	22.09 2.38 -0.02	19.20 1.81 -0.01
HOLTSVILLE_IC_4 23693	16.47 1.40 -1.43	14.90 1.02 -3.12	13.85 0.84 -3.19	13.85 0.82 -3.19	15.13 0.80 -4.50	16.42 1.32 -0.27	25.40 1.75 -5.39	30.29 1.99 -6.94	28.50 1.79 -6.60	24.84 1.91 -3.68	23.95 1.68 -5.10	21.80 1.64 -2.90	20.41 1.68 -1.90	20.30 1.63 -1.48	20.66 1.71 -2.25	22.18 2.00 -2.35	25.67 2.32 -3.37	34.02 2.80 -7.84	43.04 3.68 -7.40	41.60 4.35 -0.02	33.42 2.84 -6.30	28.55 2.57 -4.39	22.09 2.38 -0.02	19.20 1.81 -0.01
HOLTSVILLE_IC_5 23694	16.47 1.40 -1.43	14.90 1.02 -3.12	13.85 0.84 -3.19	13.85 0.82 -3.19	15.13 0.80 -4.50	16.42 1.32 -0.27	25.40 1.75 -5.39	30.29 1.99 -6.94	28.50 1.79 -6.60	24.84 1.91 -3.68	23.95 1.68 -5.10	21.80 1.64 -2.90	20.41 1.68 -1.90	20.30 1.63 -1.48	20.66 1.71 -2.25	22.18 2.00 -2.35	25.67 2.32 -3.37	34.02 2.80 -7.84	43.04 3.68 -7.40	41.60 4.35 -0.02	33.42 2.84 -6.30	28.55 2.57 -4.39	22.09 2.38 -0.02	19.20 1.81 -0.01
HOLTSVILLE_IC_6 23695	16.54 1.47 -1.43	14.95 1.07 -3.12	13.89 0.88 -3.19	13.88 0.86 -3.19	15.16 0.83 -4.50	16.48 1.38 -0.27	25.49 1.84 -5.39	30.40 2.09 -6.94	28.60 1.89 -6.60	24.94 2.00 -3.68	24.02 1.75 -5.10	21.87 1.71 -2.90	20.49 1.77 -1.90	20.37 1.70 -1.48	20.75 1.79 -2.25	22.27 2.09 -2.35	25.79 2.44 -3.37	34.18 2.97 -7.84	43.31 3.93 -7.40	41.86 4.61 -0.03	33.60 3.01 -6.30	28.68 2.70 -4.39	22.19 2.48 -0.02	19.28 1.89 -0.01
HOLTSVILLE_IC_7 23696	16.54 1.47 -1.43	14.95 1.07 -3.12	13.89 0.88 -3.19	13.88 0.86 -3.19	15.16 0.83 -4.50	16.48 1.38 -0.27	25.49 1.84 -5.39	30.40 2.09 -6.94	28.60 1.89 -6.60	24.94 2.00 -3.68	24.02 1.75 -5.10	21.87 1.71 -2.90	20.49 1.77 -1.90	20.37 1.70 -1.48	20.75 1.79 -2.25	22.27 2.09 -2.35	25.79 2.44 -3.37	34.18 2.97 -7.84	43.31 3.93 -7.40	41.86 4.61 -0.03	33.60 3.01 -6.30	28.68 2.70 -4.39	22.19 2.48 -0.02	19.28 1.89 -0.01
HOLTSVILLE_IC_8 23697	16.54 1.47 -1.43	14.95 1.07 -3.12	13.89 0.88 -3.19	13.88 0.86 -3.19	15.16 0.83 -4.50	16.48 1.38 -0.27	25.49 1.84 -5.39	30.40 2.09 -6.94	28.60 1.89 -6.60	24.94 2.00 -3.68	24.02 1.75 -5.10	21.87 1.71 -2.90	20.49 1.77 -1.90	20.37 1.70 -1.48	20.75 1.79 -2.25	22.27 2.09 -2.35	25.79 2.44 -3.37	34.18 2.97 -7.84	43.31 3.93 -7.40	41.86 4.61 -0.03	33.60 3.01 -6.30	28.68 2.70 -4.39	22.19 2.48 -0.02	19.28 1.89 -0.01
HOLTSVILLE_IC_9 23698	16.54 1.47 -1.43	14.95 1.07 -3.12	13.89 0.88 -3.19	13.88 0.86 -3.19	15.16 0.83 -4.50	16.48 1.38 -0.27	25.49 1.84 -5.39	30.40 2.09 -6.94	28.60 1.89 -6.60	24.94 2.00 -3.68	24.02 1.75 -5.10	21.87 1.71 -2.90	20.49 1.77 -1.90	20.37 1.70 -1.48	20.75 1.79 -2.25	22.27 2.09 -2.35	25.79 2.44 -3.37	34.18 2.97 -7.84	43.31 3.93 -7.40	41.86 4.61 -0.03	33.60 3.01 -6.30	28.68 2.70 -4.39	22.19 2.48 -0.02	19.28 1.89 -0.01
HOMER_HL_115KV_TB2 355744	13.14 -0.75 -0.26	10.82 -0.51 -0.56	9.88 -0.51 -0.58	9.89 -0.52 -0.58	10.02 -0.62 -0.81	14.54 -0.34 -0.05	17.56 -1.26 -0.56	19.39 -1.82 0.16	19.38 -0.72 0.00	18.56 -0.91 -0.21	16.43 -0.74 0.00	16.71 -0.55 0.00	16.40 -0.42 0.00	16.71 -0.48 0.00	16.18 -0.60 -0.07	17.03 -0.80 0.00	18.98 -1.02 -0.02	24.05 -0.75 -1.42	30.63 -1.34 0.00	35.95 -1.27 0.00	24.37 -0.56 -0.64	21.50 -0.41 -0.31	19.30 -0.39 0.00	17.50 0.12 0.00
HOWARD_WT_PWR 323690	13.78 -0.15 -0.29	11.30 -0.10 -0.64	10.39 -0.08 -0.65	10.40 -0.09 -0.65	10.61 -0.14 -0.92	14.93 0.04 -0.05	18.64 -0.26 -0.64	24.00 -0.45 -3.08	19.79 -0.32 0.00	18.81 -0.52 -0.07	16.71 -0.46 0.00	16.88 -0.38 0.00	16.57 -0.25 0.00	16.76 -0.43 0.00	16.26 -0.47 -0.02	17.40 -0.43 0.00	19.47 -0.52 -0.01	23.69 -0.14 -0.46	31.59 -0.38 0.00	37.03 -0.19 0.00	24.44 -0.05 -0.21	21.72 0.02 -0.10	19.56 -0.14 0.00	17.57 0.19 0.00
HQ_GEN_CEDARS 23644	13.35 -0.29 0.00	10.56 -0.20 0.00	9.62 -0.20 0.00	9.65 -0.19 0.00	9.65 -0.19 0.00	14.51 -0.33 0.00	17.91 -0.35 0.00	20.98 -0.38 0.00	19.75 -0.36 0.00	18.93 -0.33 0.00	16.88 -0.29 0.00	16.97 -0.29 0.00	16.50 -0.32 0.00	16.86 -0.33 0.00	16.43 -0.28 0.00	17.53 -0.30 0.00	19.70 -0.28 0.00	22.88 -0.49 0.00	31.40 -0.58 0.00	36.62 -0.60 0.00	23.85 -0.44 0.00	21.19 -0.41 0.00	19.46 -0.24 0.00	17.15 -0.23 0.00
HQ_GEN_CEDARS_PROXY 323590	13.35 -0.29 0.00	10.56 -0.20 0.00	9.62 -0.20 0.00	9.65 -0.19 0.00	9.64 -0.19 0.00	14.51 -0.33 0.00	17.91 -0.35 0.00	20.87 -0.49 0.00	19.69 -0.42 0.00	18.89 -0.37 0.00	16.88 -0.29 0.00	16.97 -0.29 0.00	16.50 -0.32 0.00	16.86 -0.33 0.00	16.41 -0.30 0.00	17.53 -0.30 0.00	19.83 -0.28 -0.13	22.75 -0.49 0.13	31.40 -0.57 0.00	36.62 -0.60 0.00	23.85 -0.44 0.00	21.19 -0.41 0.00	19.46 -0.24 0.00	17.15 -0.23 0.00
HQ_GEN_IMPORT 323601	13.44 -0.19 0.00	10.62 -0.14 0.00	9.69 -0.13 0.00	9.71 -0.13 0.00	9.70 -0.13 0.00	14.63 -0.21 0.00	18.02 -0.24 0.00	21.00 -0.36 0.00	19.83 -0.28 0.00	19.01 -0.25 0.00	16.96 -0.21 0.00	17.06 -0.21 0.00	16.62 -0.20 0.00	16.99 -0.21 0.00	16.51 -0.20 0.00	17.62 -0.21 0.00	19.91 -0.20 -0.13	22.87 -0.37 0.13	31.50 -0.48 0.00	36.70 -0.52 0.00	23.92 -0.36 0.00	21.28 -0.32 0.00	19.50 -0.20 0.00	17.21 -0.17 0.00
HQ_GEN_WHEEL 23651	13.44 -0.19 0.00	10.62 -0.14 0.00	9.69 -0.13 0.00	9.71 -0.13 0.00	9.70 -0.13 0.00	14.63 -0.21 0.00	18.02 -0.24 0.00	21.00 -0.36 0.00	19.83 -0.28 0.00	19.01 -0.25 0.00	16.96 -0.21 0.00	17.06 -0.21 0.00	16.62 -0.20 0.00	16.99 -0.21 0.00	16.51 -0.20 0.00	17.62 -0.21 0.00	19.91 -0.20 -0.13	22.87 -0.37 0.13	31.50 -0.48 0.00	36.70 -0.52 0.00	23.92 -0.36 0.00	21.28 -0.32 0.00	19.50 -0.20 0.00	17.21 -0.17 0.00
HUDSON_AVE_GT_3 23810	16.06 1.00 -1.43	14.65 0.77 -3.12	13.71 0.70 -3.19	13.71 0.68 -3.19	15.00 0.68 -4.49	16.12 1.02 -0.27	25.00 1.35 -5.40	30.00 1.69 -6.95	28.31 1.59 -6.61	24.44 1.58 -3.61	23.69 1.41 -5.11	21.58 1.42 -2.90	20.09 1.36 -1.91	20.08 1.41 -1.48	20.32 1.39 -2.23	21.69 1.50 -2.36	24.96 1.64 -3.34	32.61 1.96 -7.28	40.67 2.59 -6.11	40.20 2.98 0.00	29.47 1.89 -3.28	24.98 1.77 -1.61	21.27 1.58 0.00	18.51 1.13 0.00

HUDSON AVE_GT_4 23540	16.06 1.00 -1.43	14.65 0.77 -3.12	13.71 0.70 -3.19	13.71 0.68 -3.19	15.00 0.68 -4.49	16.12 1.02 -0.27	25.00 1.35 -5.40	30.00 1.69 -6.95	28.31 1.59 -6.61	24.44 1.58 -3.61	23.69 1.41 -5.11	21.58 1.42 -2.90	20.09 1.36 -1.91	20.08 1.41 -1.48	20.32 1.39 -2.23	21.69 1.50 -2.36	24.96 1.64 -3.34	32.61 1.96 -7.28	40.67 2.59 -6.11	40.20 2.98 0.00	29.47 1.89 -3.28	24.98 1.77 -1.61	21.27 1.58 0.00	18.51 1.13 0.00
HUDSON AVE_GT_5 23657	16.06 1.00 -1.43	14.65 0.77 -3.12	13.71 0.70 -3.19	13.71 0.68 -3.19	15.00 0.68 -4.49	16.12 1.02 -0.27	25.00 1.35 -5.40	30.00 1.69 -6.95	28.31 1.59 -6.61	24.44 1.58 -3.61	23.69 1.41 -5.11	21.58 1.42 -2.90	20.09 1.36 -1.91	20.08 1.41 -1.48	20.32 1.39 -2.23	21.69 1.50 -2.36	24.96 1.64 -3.34	32.61 1.96 -7.28	40.67 2.59 -6.11	40.20 2.98 0.00	29.47 1.89 -3.28	24.98 1.77 -1.61	21.27 1.58 0.00	18.51 1.13 0.00
HUDSON_AVE_10 24168	16.03 0.97 -1.43	14.64 0.76 -3.12	13.70 0.69 -3.19	13.69 0.66 -3.19	14.99 0.66 -4.49	16.11 1.01 -0.27	24.98 1.33 -5.40	30.00 1.69 -6.95	28.31 1.59 -6.61	24.42 1.56 -3.61	23.65 1.37 -5.11	21.55 1.38 -2.90	20.06 1.33 -1.91	20.05 1.38 -1.48	20.27 1.34 -2.23	21.65 1.46 -2.36	24.92 1.60 -3.34	32.59 1.94 -7.28	40.64 2.56 -6.11	40.12 2.90 0.00	29.42 1.85 -3.28	24.94 1.73 -1.61	21.25 1.56 0.00	18.49 1.11 0.00
HUDSON___115KV_TB 4 355613	15.87 0.45 -1.79	15.03 0.37 -3.90	14.13 0.32 -3.99	14.14 0.31 -3.98	15.78 0.32 -5.62	15.69 0.52 -0.33	23.86 0.60 -5.01	26.24 0.83 -4.04	23.88 0.72 -3.04	22.34 0.64 -2.45	20.01 0.52 -2.33	19.05 0.47 -1.32	18.21 0.52 -0.87	18.40 0.53 -0.67	18.48 0.50 -1.27	19.51 0.61 -1.07	22.32 0.74 -1.60	33.02 0.91 -8.74	36.16 1.41 -2.78	38.71 1.49 0.00	29.23 1.00 -3.94	24.37 0.84 -1.93	20.32 0.63 0.00	17.85 0.47 0.00
HUNTER MOUNT___DRP 323613	15.83 0.46 -1.73	14.91 0.38 -3.77	14.01 0.32 -3.86	14.01 0.31 -3.86	15.61 0.33 -5.44	15.68 0.52 -0.32	23.81 0.60 -4.95	26.40 0.88 -4.16	24.07 0.74 -3.22	22.34 0.60 -2.49	20.12 0.48 -2.47	19.10 0.43 -1.40	18.20 0.45 -0.92	18.37 0.46 -0.72	18.47 0.45 -1.31	19.52 0.55 -1.14	22.37 0.70 -1.69	32.71 0.84 -8.50	36.37 1.44 -2.96	38.67 1.45 0.00	29.10 0.97 -3.84	24.28 0.80 -1.88	20.28 0.59 0.00	17.81 0.43 0.00
HUNTINGTON_RES_REC 323705	16.31 1.24 -1.43	14.77 0.89 -3.12	13.74 0.73 -3.19	13.74 0.71 -3.19	15.02 0.69 -4.50	16.24 1.14 -0.27	25.20 1.55 -5.39	29.97 1.67 -6.94	28.34 1.63 -6.60	24.67 1.73 -3.68	23.83 1.56 -5.10	21.68 1.52 -2.90	20.29 1.56 -1.90	20.18 1.51 -1.48	20.53 1.57 -2.25	22.02 1.84 -2.35	25.51 2.16 -3.37	33.81 2.59 -7.84	42.73 3.49 -7.27	41.20 3.98 0.00	33.21 2.62 -6.29	28.34 2.35 -4.38	21.91 2.21 -0.02	18.98 1.60 -0.01
HUNTLEY___63 23557	13.42 -0.44 -0.22	11.00 -0.25 -0.48	10.07 -0.25 -0.49	10.07 -0.27 -0.49	10.13 -0.39 -0.69	14.47 -0.40 -0.04	17.84 -0.89 -0.48	19.20 -1.39 0.77	18.82 -1.29 0.00	17.99 -1.44 -0.18	16.00 -1.17 0.00	16.30 -0.97 0.00	15.90 -0.93 0.00	16.23 -0.96 0.00	15.76 -1.00 -0.06	16.67 -1.16 0.00	18.54 -1.46 -0.02	23.23 -1.36 -1.21	29.67 -2.30 0.00	34.69 -2.53 0.00	23.52 -1.31 -0.55	20.85 -1.02 -0.27	18.85 -0.85 0.00	17.00 -0.38 0.00
HUNTLEY___64 23558	13.42 -0.44 -0.22	11.00 -0.25 -0.48	10.07 -0.25 -0.49	10.07 -0.27 -0.49	10.13 -0.39 -0.69	14.47 -0.40 -0.04	17.84 -0.89 -0.48	19.20 -1.39 0.77	18.82 -1.29 0.00	17.99 -1.44 -0.18	16.00 -1.17 0.00	16.30 -0.97 0.00	15.90 -0.93 0.00	16.23 -0.96 0.00	15.76 -1.00 -0.06	16.67 -1.16 0.00	18.54 -1.46 -0.02	23.23 -1.36 -1.21	29.67 -2.30 0.00	34.69 -2.53 0.00	23.52 -1.31 -0.55	20.85 -1.02 -0.27	18.85 -0.85 0.00	17.00 -0.38 0.00
HUNTLEY___65 23559	13.42 -0.44 -0.22	11.00 -0.25 -0.48	10.07 -0.25 -0.49	10.07 -0.27 -0.49	10.13 -0.39 -0.69	14.47 -0.40 -0.04	17.84 -0.89 -0.48	19.20 -1.39 0.77	18.82 -1.29 0.00	17.99 -1.44 -0.18	16.00 -1.17 0.00	16.30 -0.97 0.00	15.90 -0.93 0.00	16.23 -0.96 0.00	15.76 -1.00 -0.06	16.67 -1.16 0.00	18.54 -1.46 -0.02	23.23 -1.36 -1.21	29.67 -2.30 0.00	34.69 -2.53 0.00	23.52 -1.31 -0.55	20.85 -1.02 -0.27	18.85 -0.85 0.00	17.00 -0.38 0.00
HUNTLEY___66 23560	13.42 -0.44 -0.22	11.00 -0.25 -0.48	10.07 -0.25 -0.49	10.07 -0.27 -0.49	10.13 -0.39 -0.69	14.47 -0.40 -0.04	17.84 -0.89 -0.48	19.20 -1.39 0.77	18.82 -1.29 0.00	17.99 -1.44 -0.18	16.00 -1.17 0.00	16.30 -0.97 0.00	15.90 -0.93 0.00	16.23 -0.96 0.00	15.76 -1.00 -0.06	16.67 -1.16 0.00	18.54 -1.46 -0.02	23.23 -1.36 -1.21	29.67 -2.30 0.00	34.69 -2.53 0.00	23.52 -1.31 -0.55	20.85 -1.02 -0.27	18.85 -0.85 0.00	17.00 -0.38 0.00
HUNTLEY___67 23561	13.36 -0.50 -0.23	10.95 -0.30 -0.49	10.03 -0.29 -0.50	10.03 -0.31 -0.50	10.11 -0.43 -0.71	14.42 -0.46 -0.04	17.80 -0.95 -0.49	18.87 -1.58 0.91	18.78 -1.33 0.00	17.96 -1.48 -0.19	15.98 -1.18 0.00	16.25 -1.02 0.00	15.87 -0.96 0.00	16.19 -1.00 0.00	15.72 -1.05 -0.06	16.62 -1.21 0.00	18.48 -1.52 -0.02	23.19 -1.43 -1.24	29.58 -2.40 0.00	34.54 -2.68 0.00	23.44 -1.41 -0.56	20.75 -1.12 -0.28	18.77 -0.93 0.00	16.93 -0.45 0.00
HUNTLEY___68 23562	13.36 -0.50 -0.23	10.95 -0.30 -0.49	10.03 -0.29 -0.50	10.03 -0.31 -0.50	10.11 -0.43 -0.71	14.42 -0.46 -0.04	17.80 -0.95 -0.49	18.87 -1.58 0.91	18.78 -1.33 0.00	17.96 -1.48 -0.19	15.98 -1.18 0.00	16.25 -1.02 0.00	15.87 -0.96 0.00	16.19 -1.00 0.00	15.72 -1.05 -0.06	16.62 -1.21 0.00	18.48 -1.52 -0.02	23.19 -1.43 -1.24	29.58 -2.40 0.00	34.54 -2.68 0.00	23.44 -1.41 -0.56	20.75 -1.12 -0.28	18.77 -0.93 0.00	16.93 -0.45 0.00
HYLAND___LFGE 323620	14.20 0.33 -0.24	11.55 0.26 -0.52	10.63 0.27 -0.54	10.63 0.26 -0.54	10.79 0.21 -0.76	15.35 0.47 -0.04	19.22 0.44 -0.53	25.27 0.51 -3.39	20.47 0.36 0.00	19.29 -0.02 -0.06	17.10 -0.07 0.00	17.20 -0.07 0.00	16.55 -0.27 0.00	16.93 -0.26 0.00	16.53 -0.20 -0.02	17.76 -0.07 0.00	19.92 -0.06 -0.01	24.28 0.54 -0.37	32.90 0.93 0.00	38.60 1.38 0.00	25.21 0.75 -0.17	22.31 0.63 -0.08	20.09 0.39 0.00	17.88 0.50 0.00
INDECK___CORINTH 23802	16.34 0.82 -1.89	15.51 0.63 -4.12	14.61 0.58 -4.21	14.61 0.56 -4.21	16.34 0.57 -5.94	16.15 0.96 -0.35	24.62 1.22 -5.15	26.84 1.62 -3.85	24.26 1.41 -2.74	22.97 1.25 -2.46	20.24 1.00 -2.08	19.41 0.97 -1.18	18.39 0.79 -0.78	18.70 0.91 -0.60	18.76 0.84 -1.22	19.82 1.03 -0.96	22.50 1.06 -1.46	34.37 1.40 -9.59	36.86 2.40 -2.49	39.97 2.75 0.00	30.61 1.99 -4.33	25.38 1.66 -2.12	21.01 1.32 0.00	18.40 1.03 0.00
INDECK___ILION 23567	13.84 0.20 0.00	10.91 0.15 0.00	9.96 0.14 0.00	9.98 0.14 0.00	9.98 0.15 0.00	15.06 0.22 0.00	18.53 0.27 0.00	21.73 0.36 0.00	20.45 0.34 0.00	19.60 0.35 0.00	17.48 0.31 0.00	17.56 0.29 0.00	17.11 0.29 0.00	17.48 0.29 0.00	16.98 0.27 0.00	18.13 0.30 0.00	20.32 0.34 0.00	23.84 0.47 0.00	32.68 0.70 0.00	38.00 0.78 0.00	24.80 0.51 0.00	22.05 0.45 0.00	20.07 0.37 0.00	17.69 0.31 0.00



INDECK___OLEAN 23982	13.14 -0.75 -0.26	10.82 -0.51 -0.56	9.88 -0.51 -0.58	9.89 -0.52 -0.58	10.02 -0.62 -0.81	14.54 -0.34 -0.05	17.56 -1.26 -0.56	19.43 -1.77 0.16	19.26 -0.84 0.00	18.33 -0.98 -0.06	16.34 -0.82 0.00	16.57 -0.69 0.00	16.40 -0.42 0.00	16.50 -0.69 0.00	15.96 -0.77 -0.02	17.03 -0.80 0.00	18.97 -1.02 -0.01	23.02 -0.75 -0.40	30.63 -1.34 0.00	35.95 -1.27 0.00	23.91 -0.56 -0.18	21.28 -0.41 -0.09	19.30 -0.39 0.00	17.50 0.12 0.00
INDECK___OSWEGO 23783	14.04 0.29 -0.12	11.22 0.19 -0.26	10.29 0.21 -0.27	10.31 0.20 -0.27	10.43 0.22 -0.38	15.21 0.36 -0.02	18.94 0.42 -0.26	22.04 0.58 -0.10	20.61 0.50 0.00	19.69 0.41 -0.03	17.51 0.34 0.00	17.63 0.36 0.00	17.18 0.35 0.00	17.48 0.29 0.00	16.97 0.25 -0.01	18.06 0.23 0.00	20.20 0.22 0.00	24.07 0.51 -0.19	32.68 0.70 0.00	38.15 0.93 0.00	24.86 0.49 -0.08	22.07 0.43 -0.04	19.89 0.20 0.00	17.69 0.31 0.00
INDECK___YERKES 23781	13.43 -0.42 -0.22	11.01 -0.24 -0.48	10.08 -0.24 -0.49	10.08 -0.26 -0.49	10.14 -0.38 -0.69	14.49 -0.39 -0.04	17.86 -0.88 -0.48	19.27 -1.32 0.77	18.72 -1.39 0.00	17.79 -1.52 -0.05	15.90 -1.27 0.00	16.14 -1.12 0.00	15.92 -0.91 0.00	16.09 -1.10 0.00	15.61 -1.12 -0.02	16.69 -1.14 0.00	18.55 -1.44 -0.01	22.38 -1.33 -0.34	29.70 -2.27 0.00	34.73 -2.49 0.00	23.15 -1.29 -0.15	20.68 -0.99 -0.07	18.87 -0.83 0.00	17.01 -0.37 0.00
INDIAN POINT_GT_1 24139	15.90 0.87 -1.39	14.47 0.68 -3.03	13.52 0.60 -3.10	13.53 0.59 -3.10	14.79 0.59 -4.37	15.98 0.89 -0.26	24.87 1.15 -5.47	30.13 1.43 -7.33	28.56 1.37 -7.08	24.39 1.37 -3.77	23.85 1.20 -5.48	21.58 1.21 -3.11	20.03 1.16 -2.04	19.96 1.19 -1.59	20.22 1.15 -2.35	21.62 1.27 -2.53	24.95 1.40 -3.57	32.20 1.71 -7.12	40.86 2.33 -6.55	39.90 2.68 0.00	29.25 1.75 -3.21	24.75 1.58 -1.57	21.05 1.36 0.00	18.37 0.99 0.00
INDIAN POINT_GT_2 23659	15.90 0.87 -1.39	14.47 0.68 -3.03	13.52 0.60 -3.10	13.53 0.59 -3.10	14.79 0.59 -4.37	15.98 0.89 -0.26	24.87 1.15 -5.47	30.13 1.43 -7.33	28.56 1.37 -7.08	24.39 1.37 -3.77	23.85 1.20 -5.48	21.58 1.21 -3.11	20.03 1.16 -2.04	19.96 1.19 -1.59	20.22 1.15 -2.35	21.62 1.27 -2.53	24.95 1.40 -3.57	32.20 1.71 -7.12	40.86 2.33 -6.55	39.90 2.68 0.00	29.25 1.75 -3.21	24.75 1.58 -1.57	21.05 1.36 0.00	18.37 0.99 0.00
INDIAN POINT_GT_3 24019	15.90 0.87 -1.39	14.47 0.68 -3.03	13.52 0.60 -3.10	13.53 0.59 -3.10	14.79 0.59 -4.37	15.98 0.89 -0.26	24.87 1.15 -5.47	30.13 1.43 -7.33	28.56 1.37 -7.08	24.39 1.37 -3.77	23.85 1.20 -5.48	21.58 1.21 -3.11	20.03 1.16 -2.04	19.96 1.19 -1.59	20.22 1.15 -2.35	21.62 1.27 -2.53	24.95 1.40 -3.57	32.20 1.71 -7.12	40.86 2.33 -6.55	39.90 2.68 0.00	29.25 1.75 -3.21	24.75 1.58 -1.57	21.05 1.36 0.00	18.37 0.99 0.00
INDIAN POINT___2 23530	15.84 0.86 -1.35	14.37 0.67 -2.94	13.42 0.60 -3.01	13.42 0.58 -3.00	14.65 0.58 -4.23	15.96 0.87 -0.25	24.93 1.13 -5.54	30.55 1.43 -7.76	29.03 1.33 -7.59	24.60 1.33 -4.02	24.24 1.18 -5.89	21.78 1.17 -3.34	20.16 1.14 -2.20	20.08 1.19 -1.70	20.38 1.15 -2.52	21.79 1.25 -2.71	25.21 1.40 -3.84	32.52 1.68 -7.47	41.31 2.30 -7.04	39.86 2.64 0.00	29.36 1.70 -3.37	24.81 1.56 -1.65	21.05 1.36 0.00	18.35 0.97 0.00
INDIAN POINT___3 23531	15.89 0.86 -1.39	14.46 0.67 -3.03	13.51 0.59 -3.10	13.52 0.58 -3.10	14.79 0.58 -4.37	15.97 0.88 -0.26	24.85 1.13 -5.47	30.11 1.41 -7.33	28.51 1.33 -7.08	24.35 1.33 -3.76	23.83 1.18 -5.48	21.55 1.17 -3.11	20.01 1.14 -2.04	19.96 1.19 -1.58	20.22 1.15 -2.35	21.61 1.25 -2.53	24.95 1.40 -3.57	32.18 1.68 -7.12	40.79 2.27 -6.55	39.83 2.61 0.00	29.20 1.70 -3.22	24.73 1.56 -1.57	21.03 1.34 0.00	18.35 0.97 0.00
INGHAM_C_115KV_TB7 356103	14.03 0.40 0.00	11.06 0.30 0.00	10.08 0.27 0.00	10.12 0.28 0.00	10.12 0.29 0.00	15.28 0.45 0.00	18.82 0.57 0.00	22.07 0.70 0.00	20.79 0.68 0.00	19.93 0.67 0.00	17.79 0.62 0.00	17.85 0.59 0.00	17.38 0.56 0.00	17.78 0.58 0.00	17.26 0.55 0.00	18.40 0.57 0.00	20.64 0.66 0.00	24.26 0.89 0.00	33.28 1.31 0.00	38.71 1.49 0.00	25.26 0.97 0.00	22.49 0.89 0.00	20.42 0.73 0.00	18.04 0.66 0.00
IP CORINTH___1 23988	16.34 0.82 -1.89	15.51 0.64 -4.12	14.61 0.58 -4.21	14.61 0.56 -4.21	16.34 0.57 -5.94	16.15 0.96 -0.35	24.62 1.22 -5.15	26.77 1.56 -3.85	24.26 1.41 -2.74	22.91 1.25 -2.40	20.30 1.05 -2.08	19.45 1.00 -1.18	18.48 0.87 -0.78	18.70 0.91 -0.60	18.78 0.87 -1.20	19.83 1.03 -0.96	22.49 1.06 -1.46	33.97 1.40 -9.19	36.86 2.40 -2.49	39.97 2.75 0.00	30.43 1.99 -4.15	25.30 1.66 -2.03	21.01 1.32 0.00	18.40 1.03 0.00
IP___TICONDEROGA 23804	16.74 1.21 -1.89	15.82 0.95 -4.11	14.89 0.86 -4.21	14.88 0.84 -4.21	16.61 0.85 -5.93	16.64 1.45 -0.35	25.30 1.90 -5.15	27.63 2.41 -3.85	25.03 2.17 -2.75	23.56 1.91 -2.40	20.85 1.60 -2.09	19.99 1.54 -1.18	18.95 1.35 -0.78	19.19 1.39 -0.60	19.23 1.32 -1.20	20.34 1.55 -0.96	23.14 1.70 -1.46	34.81 2.24 -9.19	38.11 3.65 -2.49	41.50 4.28 0.00	31.50 3.06 -4.15	26.14 2.51 -2.03	21.70 2.01 0.00	18.98 1.60 0.00
ISLIP_RES_REC 323679	16.59 1.53 -1.43	14.99 1.11 -3.12	13.92 0.91 -3.19	13.91 0.89 -3.19	15.19 0.87 -4.50	16.54 1.44 -0.27	25.56 1.92 -5.39	30.50 2.20 -6.94	28.70 1.99 -6.60	25.03 2.10 -3.68	24.11 1.84 -5.10	21.96 1.80 -2.90	20.58 1.85 -1.90	20.46 1.79 -1.48	20.81 1.85 -2.25	22.36 2.17 -2.35	25.89 2.54 -3.37	34.35 3.13 -7.84	43.52 4.15 -7.39	42.12 4.87 -0.03	33.74 3.16 -6.30	28.79 2.81 -4.39	22.29 2.58 -0.02	19.37 1.98 -0.01
JAMAICA__27_KV_LOAD 355505	16.03 0.97 -1.43	14.63 0.75 -3.12	13.69 0.68 -3.19	13.68 0.65 -3.19	14.99 0.66 -4.49	16.11 1.01 -0.27	25.02 1.37 -5.40	30.09 1.77 -6.95	28.39 1.67 -6.61	24.48 1.62 -3.61	23.64 1.36 -5.11	21.53 1.36 -2.90	20.04 1.31 -1.91	20.03 1.36 -1.48	20.26 1.32 -2.23	21.63 1.44 -2.36	24.90 1.58 -3.34	32.61 1.96 -7.28	40.67 2.59 -6.11	40.20 2.98 0.00	29.39 1.82 -3.28	24.91 1.71 -1.61	21.29 1.60 0.00	18.49 1.11 0.00
JANIS___SOLAR 323808	14.64 0.61 -0.39	12.07 0.45 -0.85	11.10 0.41 -0.87	11.13 0.42 -0.87	11.51 0.45 -1.23	15.63 0.73 -0.07	19.96 0.86 -0.85	23.00 1.09 -0.54	21.07 0.97 0.00	20.04 0.62 -0.17	17.73 0.57 0.00	17.82 0.55 0.00	17.40 0.57 0.00	17.67 0.48 0.00	17.18 0.42 -0.05	18.33 0.50 0.00	20.51 0.52 -0.02	25.51 1.03 -1.11	33.51 1.53 0.00	39.12 1.90 0.00	25.93 1.14 -0.50	22.79 0.95 -0.24	20.28 0.59 0.00	18.08 0.70 0.00
JARVIS____ 23743	13.68 0.04 0.00	10.78 0.02 0.00	9.84 0.02 0.00	9.86 0.02 0.00	9.85 0.02 0.00	14.86 0.03 0.00	18.29 0.04 0.00	21.45 0.09 0.00	20.17 0.06 0.00	19.31 0.06 0.00	17.22 0.05 0.00	17.30 0.03 0.00	16.86 0.03 0.00	17.24 0.05 0.00	16.76 0.05 0.00	17.89 0.05 0.00	20.04 0.06 0.00	23.49 0.12 0.00	32.13 0.16 0.00	37.41 0.19 0.00	24.41 0.12 0.00	21.71 0.11 0.00	19.75 0.06 0.00	17.43 0.05 0.00

JENNISON___1 23625	14.88 0.72 -0.52	12.44 0.55 -1.13	11.44 0.47 -1.15	11.48 0.49 -1.15	11.98 0.52 -1.62	15.70 0.77 -0.10	20.29 0.91 -1.13	22.38 1.15 0.14	20.57 1.13 0.67	20.57 0.89 -0.43	17.99 0.82 0.00	18.08 0.81 0.00	17.63 0.81 0.00	18.00 0.81 0.00	17.53 0.69 -0.13	18.56 0.73 0.00	20.74 0.72 -0.04	27.43 1.22 -2.84	33.76 1.79 0.00	39.38 2.16 0.00	26.96 1.38 -1.28	23.39 1.17 -0.63	20.52 0.83 0.00	18.21 0.83 0.00
JENNISON___2 23626	14.88 0.72 -0.52	12.44 0.55 -1.13	11.44 0.47 -1.15	11.48 0.49 -1.15	11.98 0.52 -1.62	15.70 0.77 -0.10	20.29 0.91 -1.13	22.38 1.15 0.14	20.57 1.13 0.67	20.57 0.89 -0.43	17.99 0.82 0.00	18.08 0.81 0.00	17.63 0.81 0.00	18.00 0.81 0.00	17.53 0.69 -0.13	18.56 0.73 0.00	20.74 0.72 -0.04	27.43 1.22 -2.84	33.76 1.79 0.00	39.38 2.16 0.00	26.96 1.38 -1.28	23.39 1.17 -0.63	20.52 0.83 0.00	18.21 0.83 0.00
JERICHO_RISE_WT_PWR 323719	12.79 -0.85 0.00	10.20 -0.56 0.00	9.30 -0.52 0.00	9.32 -0.52 0.00	9.31 -0.52 0.00	13.96 -0.88 0.00	17.32 -0.93 0.00	20.21 -1.15 0.00	19.08 -1.02 0.00	18.33 -0.92 0.00	16.36 -0.81 0.00	16.47 -0.79 0.00	16.10 -0.72 0.00	16.50 -0.69 0.00	16.14 -0.57 0.00	17.30 -0.53 0.00	19.60 -0.38 0.00	22.88 -0.49 0.00	31.59 -0.38 0.00	36.81 -0.41 0.00	23.83 -0.46 0.00	21.06 -0.54 0.00	19.30 -0.39 0.00	17.03 -0.35 0.00
KATONAH___115KV_46KV_TB4 355592	16.09 0.98 -1.48	14.72 0.74 -3.22	13.78 0.67 -3.29	13.80 0.67 -3.29	15.12 0.65 -4.64	16.07 0.96 -0.28	24.85 1.30 -5.30	29.51 1.67 -6.48	27.66 1.51 -6.04	24.15 1.48 -3.42	23.16 1.32 -4.67	21.21 1.29 -2.65	19.74 1.18 -1.74	19.74 1.20 -1.35	19.98 1.20 -2.07	21.28 1.30 -2.15	24.50 1.46 -3.07	32.59 1.75 -7.46	40.14 2.59 -5.58	40.20 2.98 0.00	29.60 1.94 -3.37	24.96 1.71 -1.65	21.15 1.46 0.00	18.46 1.08 0.00
KCE_NY_1 323755	16.22 0.70 -1.89	15.41 0.54 -4.11	14.52 0.50 -4.21	14.52 0.48 -4.20	16.25 0.49 -5.93	15.99 0.80 -0.35	24.38 0.98 -5.15	26.55 1.32 -3.86	23.99 1.13 -2.75	22.72 1.00 -2.46	20.08 0.82 -2.09	19.26 0.81 -1.19	18.34 0.74 -0.78	18.64 0.84 -0.61	18.72 0.79 -1.22	19.74 0.94 -0.96	22.51 1.06 -1.47	34.29 1.33 -9.58	36.49 2.02 -2.50	39.53 2.31 0.00	30.22 1.60 -4.33	25.08 1.36 -2.12	20.77 1.08 0.00	18.23 0.85 0.00
KCE_NY_6_ESR 323823	13.42 -0.45 -0.23	11.00 -0.27 -0.51	10.08 -0.26 -0.52	10.08 -0.29 -0.52	10.16 -0.40 -0.73	14.55 -0.33 -0.04	17.87 -0.89 -0.51	18.99 -1.43 0.94	18.94 -1.17 0.00	18.00 -1.31 -0.05	16.07 -1.10 0.00	16.30 -0.97 0.00	16.08 -0.74 0.00	16.25 -0.95 0.00	15.76 -0.97 -0.02	16.85 -0.98 0.00	18.73 -1.26 -0.01	22.66 -1.07 -0.36	30.09 -1.89 0.00	35.21 -2.01 0.00	23.43 -1.02 -0.16	20.92 -0.76 0.00	19.06 -0.63 0.00	17.21 -0.17 0.00
KEDC_PORT_JEFF_GT2 24210	16.51 1.44 -1.43	14.93 1.04 -3.12	13.87 0.86 -3.19	13.86 0.84 -3.19	15.14 0.82 -4.50	16.45 1.35 -0.27	25.45 1.81 -5.39	30.35 2.05 -6.94	28.56 1.85 -6.60	24.90 1.97 -3.68	24.00 1.73 -5.10	21.84 1.67 -2.90	20.46 1.73 -1.90	20.35 1.69 -1.48	20.71 1.75 -2.25	22.23 2.05 -2.35	25.75 2.40 -3.37	34.13 2.92 -7.84	43.25 3.87 -7.41	41.79 4.54 -0.03	33.55 2.96 -6.30	28.62 2.63 -4.39	22.17 2.46 -0.02	19.25 1.86 -0.01
KEDC_PORT_JEFF_GT3 24211	16.51 1.44 -1.43	14.93 1.04 -3.12	13.87 0.86 -3.19	13.86 0.84 -3.19	15.14 0.82 -4.50	16.45 1.35 -0.27	25.45 1.81 -5.39	30.35 2.05 -6.94	28.56 1.85 -6.60	24.90 1.97 -3.68	24.00 1.73 -5.10	21.84 1.67 -2.90	20.46 1.73 -1.90	20.35 1.69 -1.48	20.71 1.75 -2.25	22.23 2.05 -2.35	25.75 2.40 -3.37	34.13 2.92 -7.84	43.25 3.87 -7.41	41.79 4.54 -0.03	33.55 2.96 -6.30	28.62 2.63 -4.39	22.17 2.46 -0.02	19.25 1.86 -0.01
KEDC_GLWD_GT4 24219	16.12 1.05 -1.43	14.67 0.79 -3.12	13.69 0.68 -3.19	13.69 0.66 -3.19	14.98 0.65 -4.50	16.12 1.02 -0.27	25.02 1.37 -5.39	29.93 1.62 -6.94	28.26 1.55 -6.60	24.51 1.58 -3.68	23.73 1.46 -5.10	21.59 1.43 -2.90	20.16 1.43 -1.90	20.09 1.43 -1.48	20.39 1.44 -2.25	21.79 1.61 -2.35	25.14 1.80 -3.36	33.38 2.17 -7.83	42.23 2.94 -7.32	40.62 3.39 -0.01	32.76 2.19 -6.29	27.96 1.99 -4.38	21.48 1.77 -0.01	18.67 1.29 0.00
KEDC_GLWD_GT5 24220	16.12 1.05 -1.43	14.67 0.79 -3.12	13.69 0.68 -3.19	13.69 0.66 -3.19	14.98 0.65 -4.50	16.12 1.02 -0.27	25.02 1.37 -5.39	29.93 1.62 -6.94	28.26 1.55 -6.60	24.51 1.58 -3.68	23.73 1.46 -5.10	21.59 1.43 -2.90	20.16 1.43 -1.90	20.09 1.43 -1.48	20.39 1.44 -2.25	21.79 1.61 -2.35	25.14 1.80 -3.36	33.38 2.17 -7.83	42.23 2.94 -7.32	40.62 3.39 -0.01	32.76 2.19 -6.29	27.96 1.99 -4.38	21.48 1.77 -0.01	18.67 1.29 0.00
KENSICO____ 23655	15.97 0.91 -1.42	14.56 0.70 -3.09	13.61 0.63 -3.17	13.61 0.61 -3.16	14.90 0.61 -4.46	16.03 0.93 -0.27	24.87 1.20 -5.41	29.91 1.50 -7.05	28.25 1.41 -6.73	24.31 1.41 -3.65	23.63 1.25 -5.21	21.46 1.24 -2.96	19.98 1.21 -1.94	19.95 1.25 -1.51	20.19 1.22 -2.26	21.55 1.32 -2.40	24.86 1.48 -3.40	32.39 1.78 -7.24	40.60 2.40 -6.22	39.97 2.75 0.00	29.33 1.77 -3.27	24.82 1.62 -1.60	21.11 1.42 0.00	18.40 1.03 0.00
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	15.90 0.95 -1.31	14.32 0.71 -2.85	13.34 0.61 -2.92	13.35 0.60 -2.91	14.58 0.64 -4.11	15.98 0.90 -0.24	23.22 1.19 -3.78	25.72 1.52 -2.84	23.56 1.43 -2.02	22.46 1.42 -1.78	19.96 1.24 -1.56	19.38 1.23 -0.89	18.53 1.13 -0.58	18.81 1.17 -0.45	18.74 1.14 -0.89	19.78 1.23 -0.72	22.49 1.42 -1.09	31.93 1.80 -6.76	36.40 2.56 -1.87	40.16 2.94 0.00	29.21 1.87 -3.05	24.76 1.66 -1.49	21.11 1.42 0.00	18.44 1.06 0.00
KIAC_JFK_GT1 23816	15.99 0.93 -1.43	14.61 0.73 -3.12	13.67 0.66 -3.19	13.65 0.62 -3.19	14.96 0.63 -4.49	16.07 0.96 -0.27	24.96 1.31 -5.40	30.02 1.71 -6.95	28.33 1.61 -6.61	24.44 1.58 -3.61	23.58 1.30 -5.11	21.48 1.31 -2.90	19.99 1.26 -1.91	19.98 1.31 -1.48	20.22 1.29 -2.23	21.58 1.39 -2.36	24.86 1.54 -3.34	32.54 1.89 -7.28	40.58 2.49 -6.11	40.05 2.83 0.00	29.32 1.75 -3.28	24.87 1.66 -1.61	21.23 1.54 0.00	18.44 1.06 0.00
KIAC_JFK_GT2 23817	15.99 0.93 -1.43	14.61 0.73 -3.12	13.67 0.66 -3.19	13.65 0.62 -3.19	14.96 0.63 -4.49	16.07 0.96 -0.27	24.96 1.31 -5.40	30.02 1.71 -6.95	28.33 1.61 -6.61	24.44 1.58 -3.61	23.58 1.30 -5.11	21.48 1.31 -2.90	19.99 1.26 -1.91	19.98 1.31 -1.48	20.22 1.29 -2.23	21.58 1.39 -2.36	24.86 1.54 -3.34	32.54 1.89 -7.28	40.58 2.49 -6.11	40.05 2.83 0.00	29.32 1.75 -3.28	24.87 1.66 -1.61	21.23 1.54 0.00	18.44 1.06 0.00
KIAC_JFK____ 323774	15.99 0.93 -1.43	14.61 0.73 -3.12	13.67 0.66 -3.19	13.65 0.62 -3.19	14.96 0.63 -4.49	16.06 0.96 -0.27	24.96 1.31 -5.40	30.02 1.71 -6.95	28.35 1.63 -6.61	24.50 1.56 -3.68	23.58 1.30 -5.11	21.48 1.31 -2.90	19.99 1.26 -1.91	19.99 1.32 -1.48	20.26 1.30 -2.25	21.58 1.39 -2.36	24.87 1.54 -3.35	33.05 1.89 -7.78	40.58 2.50 -6.11	40.05 2.83 0.00	29.57 1.77 -3.51	24.98 1.66 -1.72	21.23 1.54 0.00	18.44 1.06 0.00

KINTIGH____ 23543	13.48 -0.35 -0.20	10.99 -0.22 -0.44	10.07 -0.20 -0.45	10.07 -0.22 -0.45	10.15 -0.31 -0.63	14.43 -0.45 -0.04	17.98 -0.71 -0.44	19.62 -1.24 0.50	18.82 -1.29 0.00	18.02 -1.41 -0.17	16.02 -1.15 0.00	16.26 -1.00 0.00	15.87 -0.96 0.00	16.19 -1.00 0.00	15.71 -1.05 -0.05	16.65 -1.18 0.00	18.52 -1.48 -0.02	23.05 -1.43 -1.10	29.61 -2.37 0.00	34.54 -2.68 0.00	23.30 -1.48 -0.50	20.66 -1.19 -0.24	18.69 -1.00 0.00	16.77 -0.61 0.00
KNTFSRNC_46_KV_46KV_LOAD 80397	12.87 -0.76 0.00	10.29 -0.47 0.00	9.38 -0.44 0.00	9.40 -0.44 0.00	9.39 -0.44 0.00	14.06 -0.77 0.00	17.47 -0.78 0.00	20.53 -0.83 0.00	19.32 -0.78 0.00	18.51 -0.75 0.00	16.50 -0.67 0.00	16.63 -0.64 0.00	16.24 -0.59 0.00	16.62 -0.57 0.00	16.29 -0.42 0.00	17.46 -0.37 0.00	19.84 -0.14 0.00	23.19 -0.19 0.00	32.04 0.06 0.00	37.37 0.15 0.00	24.14 -0.15 0.00	21.32 -0.28 0.00	19.52 -0.18 0.00	17.24 -0.14 0.00
LACHUTE__HYDRO 323717	16.74 1.21 -1.89	15.82 0.95 -4.11	14.89 0.86 -4.21	14.88 0.84 -4.21	16.61 0.85 -5.93	16.64 1.45 -0.35	25.30 1.90 -5.15	27.69 2.48 -3.85	25.03 2.17 -2.75	23.62 1.91 -2.46	20.78 1.53 -2.09	19.92 1.47 -1.18	18.83 1.23 -0.78	19.17 1.38 -0.60	19.16 1.24 -1.22	20.34 1.55 -0.96	23.14 1.70 -1.47	35.21 2.24 -9.59	38.11 3.64 -2.49	41.50 4.28 0.00	31.68 3.06 -4.33	26.22 2.50 -2.12	21.70 2.01 0.00	18.98 1.60 0.00
LAWRNCV_115KV_TB1 80681	13.34 -0.30 0.00	10.55 -0.22 0.00	9.61 -0.21 0.00	9.63 -0.21 0.00	9.64 -0.20 0.00	14.48 -0.36 0.00	17.89 -0.37 0.00	20.96 -0.41 0.00	19.73 -0.38 0.00	18.89 -0.37 0.00	16.86 -0.31 0.00	16.94 -0.33 0.00	16.47 -0.35 0.00	16.81 -0.38 0.00	16.38 -0.33 0.00	17.49 -0.34 0.00	19.62 -0.36 0.00	22.79 -0.58 0.00	31.40 -0.58 0.00	36.62 -0.60 0.00	23.80 -0.49 0.00	21.21 -0.39 0.00	19.48 -0.22 0.00	17.17 -0.21 0.00
LEDERLE____ 23769	15.85 0.91 -1.30	14.30 0.70 -2.84	13.34 0.62 -2.90	13.34 0.60 -2.90	14.53 0.61 -4.09	16.00 0.92 -0.24	25.22 1.19 -5.79	31.44 1.47 -8.60	30.10 1.41 -8.58	24.95 1.41 -4.29	25.08 1.25 -6.66	22.29 1.24 -3.78	20.50 1.19 -2.48	20.36 1.24 -1.93	20.69 1.20 -2.77	22.18 1.28 -3.07	25.75 1.46 -4.31	31.92 1.78 -6.77	42.36 2.43 -7.96	40.01 2.79 0.00	29.14 1.80 -3.05	24.74 1.64 -1.50	21.11 1.42 0.00	18.40 1.03 0.00
LIGHTHSE_115KV_TB6 355974	13.92 0.18 -0.11	11.12 0.12 -0.23	10.18 0.12 -0.24	10.19 0.11 -0.24	10.30 0.13 -0.34	15.03 0.18 -0.02	18.69 0.20 -0.23	21.73 0.28 -0.09	20.31 0.20 0.00	19.48 0.13 -0.09	17.31 0.14 0.00	17.42 0.16 0.00	16.94 0.12 0.00	17.29 0.10 0.00	16.79 0.05 -0.03	17.87 0.04 0.00	19.97 -0.02 -0.01	24.20 0.23 -0.59	32.39 0.42 0.00	37.82 0.60 0.00	24.87 0.32 -0.27	22.01 0.28 -0.13	19.77 0.08 0.00	17.55 0.17 0.00
LINDEN COGEN____ 23786	15.98 0.91 -1.43	14.61 0.73 -3.12	13.67 0.66 -3.19	13.66 0.63 -3.19	14.95 0.62 -4.49	16.05 0.95 -0.27	24.91 1.26 -5.40	29.89 1.58 -6.95	28.21 1.49 -6.61	24.40 1.46 -3.68	23.58 1.30 -5.11	21.50 1.33 -2.90	20.01 1.28 -1.91	20.01 1.34 -1.48	20.28 1.32 -2.25	21.60 1.41 -2.36	24.85 1.52 -3.35	32.98 1.82 -7.78	40.45 2.37 -6.11	39.94 2.72 0.00	29.57 1.77 -3.51	24.98 1.66 -1.72	21.17 1.48 0.00	18.40 1.03 0.00
LINDHRST_69_KV_BK1 356055	16.42 1.35 -1.43	14.86 0.98 -3.12	13.82 0.81 -3.19	13.82 0.79 -3.19	15.10 0.77 -4.50	16.38 1.28 -0.27	25.36 1.72 -5.39	30.25 1.94 -6.94	28.46 1.75 -6.60	24.77 1.91 -3.60	23.99 1.72 -5.10	21.84 1.67 -2.90	20.29 1.56 -1.90	20.32 1.65 -1.48	20.65 1.72 -2.22	22.18 2.00 -2.35	25.64 2.30 -3.36	33.49 2.78 -7.33	43.01 3.71 -7.33	41.58 4.35 -0.01	33.17 2.82 -6.07	28.40 2.53 -4.27	22.02 2.32 -0.01	19.12 1.74 -0.01
LIPA_MISC_IPP 23656	16.53 1.46 -1.43	14.95 1.07 -3.12	13.88 0.87 -3.19	13.88 0.85 -3.19	15.16 0.83 -4.50	16.48 1.38 -0.27	25.47 1.83 -5.39	30.38 2.07 -6.94	28.52 1.81 -6.60	24.82 1.96 -3.60	24.01 1.73 -5.10	21.84 1.67 -2.90	20.26 1.53 -1.90	20.30 1.63 -1.48	20.67 1.74 -2.22	22.24 2.05 -2.35	25.74 2.40 -3.37	33.65 2.94 -7.33	43.27 3.90 -7.40	41.85 4.62 -0.02	33.34 2.99 -6.07	28.53 2.66 -4.27	22.18 2.48 -0.01	19.28 1.89 -0.01
LISF__SOLAR 323691	16.55 1.49 -1.43	14.96 1.08 -3.12	13.90 0.89 -3.19	13.89 0.87 -3.19	15.16 0.84 -4.50	16.50 1.39 -0.27	25.51 1.86 -5.39	30.44 2.14 -6.94	28.60 1.89 -6.60	24.92 1.98 -3.68	24.00 1.73 -5.10	21.84 1.67 -2.90	20.46 1.73 -1.90	20.33 1.67 -1.48	20.71 1.75 -2.25	22.25 2.07 -2.35	25.79 2.44 -3.37	34.21 2.99 -7.84	43.37 4.00 -7.40	41.93 4.69 -0.03	33.62 3.04 -6.30	28.69 2.70 -4.39	22.23 2.52 -0.02	19.32 1.93 -0.01
LITTLE FALLS__HYD 24013	14.03 0.40 0.00	11.06 0.30 0.00	10.08 0.27 0.00	10.12 0.28 0.00	10.12 0.29 0.00	15.28 0.45 0.00	18.82 0.57 0.00	22.07 0.70 0.00	20.79 0.68 0.00	19.93 0.67 0.00	17.79 0.62 0.00	17.85 0.59 0.00	17.38 0.56 0.00	17.78 0.58 0.00	17.26 0.55 0.00	18.40 0.57 0.00	20.64 0.66 0.00	24.26 0.89 0.00	33.28 1.31 0.00	38.71 1.49 0.00	25.26 0.97 0.00	22.49 0.89 0.00	20.42 0.73 0.00	18.04 0.66 0.00
LITTLRIV_115KV_TB1 356100	13.44 -0.19 0.00	10.63 -0.13 0.00	9.68 -0.14 0.00	9.71 -0.13 0.00	9.72 -0.11 0.00	14.60 -0.24 0.00	18.05 -0.20 0.00	21.32 -0.04 0.00	20.05 -0.06 0.00	19.20 -0.06 0.00	17.13 -0.03 0.00	17.18 -0.09 0.00	16.71 -0.12 0.00	17.07 -0.12 0.00	16.61 -0.10 0.00	17.74 -0.09 0.00	19.88 -0.10 0.00	23.14 -0.23 0.00	31.72 -0.26 0.00	37.00 -0.22 0.00	24.04 -0.24 0.00	21.41 -0.19 0.00	19.63 -0.06 0.00	17.29 -0.09 0.00
LI_NEWBRDGE__DRP 323616	16.09 1.02 -1.43	14.62 0.74 -3.12	13.63 0.62 -3.19	13.62 0.59 -3.19	14.91 0.58 -4.50	16.05 0.95 -0.27	24.94 1.30 -5.39	29.74 1.43 -6.94	28.06 1.35 -6.60	24.36 1.50 -3.60	23.64 1.37 -5.10	21.49 1.33 -2.90	19.96 1.23 -1.90	19.96 1.29 -1.48	20.29 1.35 -2.22	21.75 1.57 -2.35	25.11 1.78 -3.35	32.80 2.10 -7.32	42.11 2.81 -7.32	40.49 3.28 0.00	32.46 2.11 -6.06	27.81 1.94 -4.26	21.50 1.81 0.00	18.66 1.29 0.00
LOCKPORT_115KV_TB60_63_64 80432	13.37 -0.48 -0.21	10.93 -0.29 -0.46	10.02 -0.27 -0.47	10.03 -0.28 -0.47	10.08 -0.41 -0.66	14.41 -0.46 -0.04	17.76 -0.95 -0.46	19.13 -1.58 0.65	18.72 -1.39 0.00	17.89 -1.54 -0.17	15.91 -1.25 0.00	16.19 -1.07 0.00	15.80 -1.03 0.00	16.11 -1.08 0.00	15.65 -1.12 -0.05	16.58 -1.25 0.00	18.42 -1.58 -0.02	23.04 -1.50 -1.16	29.51 -2.46 0.00	34.47 -2.75 0.00	23.30 -1.51 -0.52	20.67 -1.19 -0.26	18.71 -0.98 0.00	16.84 -0.54 0.00
LOCKPORT__CC1 323769	13.37 -0.48 -0.21	10.94 -0.29 -0.46	10.03 -0.26 -0.47	10.03 -0.29 -0.47	10.09 -0.41 -0.67	14.41 -0.46 -0.04	17.79 -0.93 -0.46	19.12 -1.54 0.71	18.60 -1.51 0.00	17.67 -1.64 -0.05	15.79 -1.37 0.00	16.02 -1.24 0.00	15.80 -1.03 0.00	15.95 -1.24 0.00	15.49 -1.24 -0.02	16.57 -1.27 0.00	18.40 -1.58 0.00	22.20 -1.50 -0.33	29.48 -2.49 0.00	34.43 -2.79 0.00	22.93 -1.51 -0.15	20.48 -1.19 -0.07	18.71 -0.98 0.00	16.86 -0.52 0.00

LOCKPORT___CC2 323770	13.37 -0.48 -0.21	10.94 -0.29 -0.46	10.03 -0.26 -0.47	10.03 -0.29 -0.47	10.09 -0.41 -0.67	14.41 -0.46 -0.04	17.79 -0.93 -0.46	19.12 -1.54 0.71	18.60 -1.51 0.00	17.67 -1.64 -0.05	15.79 -1.37 0.00	16.02 -1.24 0.00	15.80 -1.03 0.00	15.95 -1.24 0.00	15.49 -1.24 -0.02	16.57 -1.27 0.00	18.40 -1.58 0.00	22.20 -1.50 -0.33	29.48 -2.49 0.00	34.43 -2.79 0.00	22.93 -1.51 -0.15	20.48 -1.19 -0.07	18.71 -0.98 0.00	16.86 -0.52 0.00
LOCKPORT___CC3 323771	13.37 -0.48 -0.21	10.94 -0.29 -0.46	10.03 -0.26 -0.47	10.03 -0.29 -0.47	10.09 -0.41 -0.67	14.41 -0.46 -0.04	17.79 -0.93 -0.46	19.12 -1.54 0.71	18.60 -1.51 0.00	17.67 -1.64 -0.05	15.79 -1.37 0.00	16.02 -1.24 0.00	15.80 -1.03 0.00	15.95 -1.24 0.00	15.49 -1.24 -0.02	16.57 -1.27 0.00	18.40 -1.58 0.00	22.20 -1.50 -0.33	29.48 -2.49 0.00	34.43 -2.79 0.00	22.93 -1.51 -0.15	20.48 -1.19 -0.07	18.71 -0.98 0.00	16.86 -0.52 0.00
LONG_LAKE_PHOENIX 24014	13.98 0.22 -0.12	11.18 0.15 -0.26	10.25 0.16 -0.27	10.26 0.15 -0.27	10.38 0.17 -0.38	15.15 0.30 -0.02	18.86 0.35 -0.27	21.87 0.41 -0.10	20.47 0.36 0.00	19.66 0.31 -0.10	17.43 0.26 0.00	17.56 0.29 0.00	17.09 0.27 0.00	17.41 0.22 0.00	16.93 0.18 -0.03	17.99 0.16 0.00	20.13 0.14 -0.01	24.42 0.37 -0.67	32.49 0.51 0.00	37.93 0.71 0.00	24.93 0.34 -0.30	22.05 0.30 -0.15	19.79 0.10 0.00	17.61 0.23 0.00
LOVETT___3 23632	15.81 0.86 -1.31	14.28 0.66 -2.86	13.34 0.59 -2.93	13.34 0.57 -2.93	14.53 0.57 -4.13	15.94 0.86 -0.25	25.07 1.11 -5.70	31.07 1.37 -8.34	29.69 1.31 -8.28	24.77 1.33 -4.18	24.75 1.17 -6.42	22.08 1.17 -3.65	20.35 1.13 -2.39	20.22 1.17 -1.86	20.53 1.14 -2.69	22.02 1.23 -2.96	25.52 1.38 -4.16	31.84 1.66 -6.81	41.92 2.27 -7.67	39.83 2.61 0.00	29.04 1.68 -3.07	24.64 1.53 -1.51	21.01 1.32 0.00	18.34 0.96 0.00
LOVETT___4 23642	15.81 0.86 -1.31	14.28 0.66 -2.86	13.34 0.59 -2.93	13.34 0.57 -2.93	14.53 0.57 -4.13	15.94 0.86 -0.25	25.07 1.11 -5.70	31.07 1.37 -8.34	29.69 1.31 -8.28	24.77 1.33 -4.18	24.75 1.17 -6.42	22.08 1.17 -3.65	20.35 1.13 -2.39	20.22 1.17 -1.86	20.53 1.14 -2.69	22.02 1.23 -2.96	25.52 1.38 -4.16	31.84 1.66 -6.81	41.92 2.27 -7.67	39.83 2.61 0.00	29.04 1.68 -3.07	24.64 1.53 -1.51	21.01 1.32 0.00	18.34 0.96 0.00
LOVETT___5 23593	15.81 0.86 -1.31	14.28 0.66 -2.86	13.34 0.59 -2.93	13.34 0.57 -2.93	14.53 0.57 -4.13	15.94 0.86 -0.25	25.07 1.11 -5.70	31.07 1.37 -8.34	29.69 1.31 -8.28	24.77 1.33 -4.18	24.75 1.17 -6.42	22.08 1.17 -3.65	20.35 1.13 -2.39	20.22 1.17 -1.86	20.53 1.14 -2.69	22.02 1.23 -2.96	25.52 1.38 -4.16	31.84 1.66 -6.81	41.92 2.27 -7.67	39.83 2.61 0.00	29.04 1.68 -3.07	24.64 1.53 -1.51	21.01 1.32 0.00	18.34 0.96 0.00
LOWER RAQUET___HYD 24057	13.32 -0.31 0.00	10.54 -0.23 0.00	9.60 -0.22 0.00	9.62 -0.22 0.00	9.64 -0.20 0.00	14.46 -0.37 0.00	17.89 -0.36 0.00	20.83 -0.53 0.00	19.65 -0.46 0.00	18.83 -0.42 0.00	16.84 -0.33 0.00	16.92 -0.35 0.00	16.45 -0.37 0.00	16.80 -0.39 0.00	16.36 -0.35 0.00	17.48 -0.36 0.00	19.60 -0.38 0.00	22.74 -0.63 0.00	31.37 -0.61 0.00	36.62 -0.60 0.00	23.80 -0.49 0.00	21.21 -0.39 0.00	19.48 -0.22 0.00	17.17 -0.21 0.00
LOWER___HUDSON 24059	16.00 0.50 -1.86	15.23 0.41 -4.06	14.34 0.37 -4.15	14.35 0.36 -4.15	16.05 0.36 -5.85	15.78 0.59 -0.35	24.06 0.68 -5.13	26.23 0.94 -3.93	23.77 0.81 -2.85	22.46 0.71 -2.49	19.94 0.60 -2.17	19.08 0.59 -1.23	18.19 0.55 -0.81	18.45 0.64 -0.63	18.57 0.62 -1.24	19.56 0.73 -1.00	22.33 0.84 -1.52	33.90 1.03 -9.50	36.00 1.44 -2.59	38.78 1.56 0.00	29.69 1.12 -4.29	24.67 0.97 -2.10	20.46 0.77 0.00	17.97 0.59 0.00
LOWVILLE_115KV_TB2 356335	13.80 0.11 -0.06	10.95 0.06 -0.12	9.99 0.05 -0.13	9.96 -0.01 -0.13	10.03 0.02 -0.18	14.81 -0.03 -0.01	18.39 0.02 -0.12	21.52 0.11 -0.05	20.17 0.06 0.00	19.32 0.02 -0.05	17.19 0.02 0.00	17.21 -0.05 0.00	16.74 -0.08 0.00	17.11 -0.09 0.00	16.61 -0.12 -0.01	17.74 -0.09 0.00	19.86 -0.12 0.00	23.92 0.23 -0.31	32.61 0.64 0.00	38.15 0.93 0.00	24.89 0.46 -0.14	22.04 0.37 -0.07	19.87 0.18 0.00	17.55 0.17 0.00
LUTHERFT_115KV_GLOB_FND_222 355753	16.22 0.70 -1.89	15.41 0.54 -4.11	14.51 0.49 -4.21	14.52 0.48 -4.20	16.24 0.48 -5.93	15.99 0.80 -0.35	24.38 0.99 -5.15	26.46 1.24 -3.86	23.99 1.13 -2.75	22.66 1.00 -2.40	20.12 0.86 -2.09	19.28 0.83 -1.19	18.41 0.81 -0.78	18.64 0.84 -0.61	18.71 0.80 -1.20	19.74 0.95 -0.96	22.48 1.04 -1.46	33.89 1.33 -9.18	36.46 1.98 -2.50	39.49 2.27 0.00	30.04 1.60 -4.15	24.97 1.34 -2.03	20.78 1.08 0.00	18.21 0.83 0.00
LUTHERNY_35_KV_BK2 355980	16.22 0.70 -1.89	15.41 0.54 -4.11	14.52 0.50 -4.21	14.52 0.48 -4.20	16.25 0.49 -5.93	15.99 0.80 -0.35	24.38 0.99 -5.15	26.48 1.26 -3.86	23.99 1.13 -2.75	22.68 1.02 -2.40	20.12 0.86 -2.09	19.28 0.83 -1.19	18.41 0.81 -0.78	18.64 0.84 -0.61	18.73 0.82 -1.20	19.74 0.95 -0.96	22.50 1.06 -1.46	33.89 1.33 -9.18	36.49 2.01 -2.50	39.53 2.31 0.00	30.04 1.60 -4.15	24.99 1.36 -2.03	20.78 1.08 0.00	18.23 0.85 0.00
LWR___OSWEGATCHIE_HYD 23850	13.53 -0.15 -0.04	10.72 -0.13 -0.09	9.78 -0.13 -0.09	9.78 -0.15 -0.09	9.83 -0.13 -0.13	14.59 -0.25 -0.01	18.11 -0.24 -0.09	21.16 -0.23 -0.04	19.87 -0.24 0.00	19.04 -0.25 -0.03	16.94 -0.22 0.00	17.01 -0.26 0.00	16.52 -0.30 0.00	16.88 -0.31 0.00	16.40 -0.32 -0.01	17.53 -0.30 0.00	19.64 -0.34 0.00	23.32 -0.28 -0.23	31.85 -0.13 0.00	37.22 0.00 0.00	24.27 -0.12 -0.10	21.54 -0.11 -0.05	19.57 -0.12 0.00	17.27 -0.10 0.00
LYONS_FALL_HYD 23570	13.89 0.20 -0.05	11.01 0.13 -0.12	10.05 0.11 -0.12	10.04 0.08 -0.12	10.11 0.11 -0.17	14.96 0.12 -0.01	18.55 0.18 -0.12	21.71 0.30 -0.05	20.35 0.24 0.00	19.43 0.17 0.00	17.36 0.19 0.00	17.40 0.14 0.00	16.94 0.12 0.00	17.29 0.10 0.00	16.78 0.07 0.00	17.94 0.11 0.00	20.04 0.06 0.00	23.75 0.37 0.00	32.71 0.74 0.00	38.23 1.01 0.00	24.85 0.56 0.00	22.05 0.45 0.00	19.95 0.26 0.00	17.64 0.26 0.00
MADISON___COUNTY_LFGE 323628	14.10 0.38 -0.09	11.22 0.27 -0.19	10.26 0.25 -0.20	10.28 0.25 -0.19	10.37 0.27 -0.27	15.25 0.40 -0.02	18.94 0.49 -0.19	22.06 0.62 -0.08	20.69 0.58 0.00	19.83 0.50 -0.07	17.63 0.46 0.00	17.70 0.43 0.00	17.24 0.42 0.00	17.60 0.41 0.00	17.07 0.33 -0.02	18.21 0.37 0.00	20.35 0.36 -0.01	24.46 0.61 -0.48	32.90 0.93 0.00	38.34 1.12 0.00	25.21 0.70 -0.22	22.29 0.58 -0.11	20.07 0.37 0.00	17.80 0.42 0.00
MALONE___115KV_TB1 356076	12.95 -0.68 0.00	10.32 -0.44 0.00	9.41 -0.41 0.00	9.43 -0.41 0.00	9.42 -0.41 0.00	14.12 -0.71 0.00	17.52 -0.73 0.00	20.57 -0.79 0.00	19.38 -0.72 0.00	18.56 -0.69 0.00	16.57 -0.60 0.00	16.68 -0.59 0.00	16.25 -0.57 0.00	16.64 -0.55 0.00	16.28 -0.43 0.00	17.40 -0.43 0.00	19.72 -0.26 0.00	23.00 -0.37 0.00	31.75 -0.22 0.00	37.07 -0.15 0.00	23.97 -0.32 0.00	21.21 -0.39 0.00	19.44 -0.26 0.00	17.15 -0.23 0.00

MAPLEWOD_115KV_TB3 80458	15.89 0.41 -1.85	15.13 0.33 -4.03	14.26 0.31 -4.13	14.27 0.31 -4.12	15.94 0.29 -5.81	15.67 0.49 -0.35	23.89 0.55 -5.09	26.04 0.73 -3.95	23.67 0.66 -2.89	22.28 0.60 -2.43	19.90 0.53 -2.20	19.01 0.50 -1.25	18.18 0.54 -0.82	18.39 0.57 -0.64	18.49 0.55 -1.23	19.49 0.64 -1.01	22.25 0.74 -1.53	33.29 0.91 -9.01	35.85 1.25 -2.63	38.56 1.34 0.00	29.33 0.97 -4.07	24.43 0.84 -1.99	20.34 0.65 0.00	17.87 0.49 0.00
MAPLE_RIDGE_WT_1 323574	12.95 -0.68 0.00	10.19 -0.57 0.00	9.29 -0.53 0.00	9.31 -0.53 0.00	9.31 -0.52 0.00	14.03 -0.80 0.00	17.30 -0.95 0.00	20.32 -1.05 0.00	19.14 -0.96 0.00	18.33 -0.92 0.00	16.22 -0.94 0.00	16.31 -0.95 0.00	15.93 -0.89 0.00	16.35 -0.84 0.00	15.96 -0.75 0.00	17.12 -0.71 0.00	19.30 -0.68 0.00	22.74 -0.63 0.00	31.24 -0.73 0.00	36.29 -0.93 0.00	23.61 -0.68 0.00	20.93 -0.67 0.00	19.00 -0.69 0.00	16.75 -0.62 0.00
MAPLE_RIDGE_WT_2 323611	12.95 -0.68 0.00	10.19 -0.57 0.00	9.29 -0.53 0.00	9.31 -0.53 0.00	9.31 -0.52 0.00	14.03 -0.80 0.00	17.30 -0.95 0.00	20.32 -1.05 0.00	19.14 -0.96 0.00	18.33 -0.92 0.00	16.22 -0.94 0.00	16.31 -0.95 0.00	15.93 -0.89 0.00	16.35 -0.84 0.00	15.96 -0.75 0.00	17.12 -0.71 0.00	19.30 -0.68 0.00	22.74 -0.63 0.00	31.24 -0.73 0.00	36.29 -0.93 0.00	23.61 -0.68 0.00	20.93 -0.67 0.00	19.00 -0.69 0.00	16.75 -0.62 0.00
MARBLE_RIVER_WT_PWR 323696	12.79 -0.85 0.00	10.21 -0.55 0.00	9.31 -0.51 0.00	9.33 -0.51 0.00	9.32 -0.51 0.00	13.97 -0.86 0.00	17.34 -0.91 0.00	20.25 -1.11 0.00	19.10 -1.00 0.00	18.35 -0.90 0.00	16.38 -0.79 0.00	16.51 -0.76 0.00	16.13 -0.69 0.00	16.54 -0.65 0.00	16.16 -0.55 0.00	17.33 -0.50 0.00	19.64 -0.34 0.00	22.95 -0.42 0.00	31.65 -0.32 0.00	36.92 -0.30 0.00	23.90 -0.39 0.00	21.12 -0.48 0.00	19.34 -0.35 0.00	17.07 -0.31 0.00
MARSHVLE_115KV_TB1 80742	15.77 0.23 -1.90	15.09 0.18 -4.14	14.23 0.17 -4.24	14.24 0.16 -4.24	15.99 0.18 -5.98	15.59 0.40 -0.36	24.04 0.64 -5.15	26.12 0.94 -3.81	23.55 0.74 -2.69	22.22 0.58 -2.39	19.61 0.39 -2.04	18.75 0.33 -1.16	17.96 0.37 -0.76	18.16 0.38 -0.59	18.26 0.37 -1.19	19.31 0.53 -0.94	22.07 0.66 -1.43	33.64 1.03 -9.24	36.11 1.69 -2.44	39.19 1.97 0.00	29.74 1.29 -4.17	24.59 0.95 -2.04	20.32 0.63 0.00	17.73 0.35 0.00
MARSH_HILL_WT_PWR 323713	13.79 -0.14 -0.29	11.30 -0.09 -0.63	10.39 -0.07 -0.64	10.39 -0.09 -0.64	10.60 -0.14 -0.91	14.93 0.04 -0.05	18.63 -0.26 -0.63	24.25 -0.45 -3.34	19.79 -0.32 0.00	18.78 -0.54 -0.07	16.71 -0.46 0.00	16.87 -0.40 0.00	16.55 -0.27 0.00	16.74 -0.45 0.00	16.26 -0.47 -0.02	17.39 -0.45 0.00	19.45 -0.54 -0.01	23.66 -0.16 -0.45	31.56 -0.42 0.00	37.00 -0.22 0.00	24.42 -0.07 -0.20	21.68 -0.02 -0.10	19.53 -0.16 0.00	17.55 0.17 0.00
MCINTYRE_115KV_TB2 80467	13.50 -0.14 0.00	10.68 -0.09 0.00	9.72 -0.10 0.00	9.75 -0.09 0.00	9.76 -0.07 0.00	14.64 -0.19 0.00	18.11 -0.15 0.00	21.45 0.09 0.00	20.15 0.04 0.00	19.29 0.04 0.00	17.22 0.05 0.00	17.26 0.00 0.00	16.77 -0.05 0.00	17.14 -0.05 0.00	16.68 -0.03 0.00	17.80 -0.04 0.00	19.98 0.00 0.00	23.28 -0.09 0.00	31.85 -0.13 0.00	37.15 -0.07 0.00	24.17 -0.12 0.00	21.47 -0.13 0.00	19.67 -0.02 0.00	17.33 -0.05 0.00
MECO____69_KV_BK1 80468	16.19 0.65 -1.90	15.41 0.51 -4.14	14.52 0.46 -4.24	14.53 0.45 -4.24	16.28 0.47 -5.98	16.08 0.89 -0.36	24.64 1.24 -5.15	26.86 1.69 -3.81	24.21 1.41 -2.69	22.80 1.16 -2.39	20.09 0.88 -2.04	19.19 0.76 -1.16	18.46 0.87 -0.76	18.69 0.91 -0.59	18.77 0.87 -1.19	19.88 1.11 -0.94	22.71 1.30 -1.43	34.43 1.82 -9.24	37.30 2.88 -2.44	40.57 3.35 0.00	30.64 2.19 -4.17	25.33 1.68 -2.04	20.97 1.28 0.00	18.27 0.89 0.00
MENANDS_115KV_TB5 355628	15.82 0.34 -1.85	15.08 0.29 -4.02	14.21 0.27 -4.12	14.22 0.27 -4.12	15.88 0.25 -5.80	15.59 0.42 -0.35	23.80 0.46 -5.09	25.94 0.62 -3.96	23.57 0.56 -2.90	22.19 0.50 -2.43	19.82 0.45 -2.20	18.93 0.41 -1.25	18.12 0.47 -0.82	18.31 0.48 -0.64	18.41 0.47 -1.23	19.40 0.55 -1.02	22.15 0.64 -1.53	33.14 0.77 -9.00	35.63 1.02 -2.64	38.34 1.12 0.00	29.15 0.80 -4.06	24.30 0.71 -1.99	20.22 0.53 0.00	17.76 0.38 0.00
MG INDUSTRY__DRP 24185	15.83 0.38 -1.81	15.03 0.32 -3.95	14.15 0.29 -4.04	14.17 0.30 -4.03	15.81 0.29 -5.69	15.63 0.46 -0.34	23.78 0.51 -5.02	25.97 0.64 -3.97	23.63 0.58 -2.94	22.20 0.52 -2.43	19.86 0.45 -2.24	18.97 0.43 -1.27	18.13 0.47 -0.84	18.34 0.50 -0.65	18.42 0.47 -1.24	19.42 0.55 -1.03	22.17 0.64 -1.55	33.00 0.79 -8.83	35.71 1.06 -2.68	38.41 1.19 0.00	29.12 0.85 -3.99	24.29 0.73 -1.95	20.26 0.57 0.00	17.81 0.43 0.00
MID__OSWEGATCHIE_HYD 23849	13.53 -0.15 -0.04	10.72 -0.13 -0.09	9.78 -0.13 -0.09	9.78 -0.15 -0.09	9.83 -0.13 -0.13	14.59 -0.25 -0.01	18.11 -0.24 -0.09	21.16 -0.23 -0.04	19.87 -0.24 0.00	19.04 -0.25 -0.03	16.94 -0.22 0.00	17.01 -0.26 0.00	16.52 -0.30 0.00	16.88 -0.31 0.00	16.40 -0.32 -0.01	17.53 -0.30 0.00	19.64 -0.34 0.00	23.32 -0.28 -0.23	31.85 -0.13 0.00	37.22 0.00 0.00	24.27 -0.12 -0.10	21.54 -0.11 -0.05	19.57 -0.12 0.00	17.27 -0.10 0.00
MID__RAQUETTE_HYD 23851	13.32 -0.31 0.00	10.54 -0.23 0.00	9.60 -0.22 0.00	9.62 -0.22 0.00	9.64 -0.20 0.00	14.46 -0.37 0.00	17.89 -0.37 0.00	20.94 -0.43 0.00	19.71 -0.40 0.00	18.87 -0.39 0.00	16.84 -0.33 0.00	16.92 -0.35 0.00	16.45 -0.37 0.00	16.80 -0.40 0.00	16.36 -0.35 0.00	17.47 -0.36 0.00	19.60 -0.38 0.00	22.74 -0.63 0.00	31.37 -0.61 0.00	36.62 -0.60 0.00	23.80 -0.49 0.00	21.21 -0.39 0.00	19.48 -0.22 0.00	17.17 -0.21 0.00
MILLIKEN__1 23584	14.25 0.33 -0.28	11.62 0.24 -0.62	10.69 0.24 -0.63	10.71 0.24 -0.63	10.98 0.26 -0.89	15.33 0.45 -0.05	19.37 0.49 -0.62	22.42 0.58 -0.47	20.67 0.56 0.00	19.84 0.35 -0.23	17.46 0.29 0.00	17.59 0.33 0.00	17.14 0.32 0.00	17.47 0.28 0.00	17.00 0.22 -0.07	18.03 0.20 0.00	20.20 0.20 -0.02	25.42 0.49 -1.56	32.61 0.64 0.00	38.08 0.86 0.00	25.45 0.46 -0.70	22.36 0.41 -0.34	19.89 0.20 0.00	17.73 0.35 0.00
MILLIKEN__2 23585	14.25 0.33 -0.28	11.62 0.24 -0.62	10.69 0.24 -0.63	10.71 0.24 -0.63	10.98 0.26 -0.89	15.33 0.45 -0.05	19.37 0.49 -0.62	22.42 0.58 -0.47	20.67 0.56 0.00	19.84 0.35 -0.23	17.46 0.29 0.00	17.59 0.33 0.00	17.14 0.32 0.00	17.47 0.28 0.00	17.00 0.22 -0.07	18.03 0.20 0.00	20.20 0.20 -0.02	25.42 0.49 -1.56	32.61 0.64 0.00	38.08 0.86 0.00	25.45 0.46 -0.70	22.36 0.41 -0.34	19.89 0.20 0.00	17.73 0.35 0.00
MILLIKEN__DIESEL 23629	14.25 0.33 -0.28	11.62 0.24 -0.62	10.69 0.24 -0.63	10.71 0.24 -0.63	10.98 0.26 -0.89	15.33 0.45 -0.05	19.37 0.49 -0.62	22.42 0.58 -0.47	20.67 0.56 0.00	19.84 0.35 -0.23	17.46 0.29 0.00	17.59 0.33 0.00	17.14 0.32 0.00	17.47 0.28 0.00	17.00 0.22 -0.07	18.03 0.20 0.00	20.20 0.20 -0.02	25.42 0.49 -1.56	32.61 0.64 0.00	38.08 0.86 0.00	25.45 0.46 -0.70	22.36 0.41 -0.34	19.89 0.20 0.00	17.73 0.35 0.00

MILLSEAT___LFGE 323607	13.57 -0.27 -0.20	11.06 -0.15 -0.44	10.14 -0.13 -0.45	10.15 -0.14 -0.45	10.21 -0.27 -0.64	14.63 -0.24 -0.04	18.09 -0.60 -0.44	19.79 -1.05 0.53	19.06 -1.05 0.00	18.07 -1.23 -0.05	16.16 -1.01 0.00	16.37 -0.90 0.00	16.07 -0.76 0.00	16.25 -0.95 0.00	15.81 -0.92 -0.01	16.92 -0.91 0.00	18.79 -1.20 0.00	22.68 -1.00 -0.31	30.31 -1.66 0.00	35.40 -1.82 0.00	23.43 -1.00 -0.14	20.89 -0.78 -0.07	19.02 -0.67 0.00	17.08 -0.30 0.00
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	15.93 0.89 -1.40	14.50 0.68 -3.06	13.56 0.61 -3.13	13.57 0.60 -3.13	14.84 0.59 -4.42	16.00 0.90 -0.26	24.86 1.17 -5.44	30.01 1.45 -7.20	28.39 1.37 -6.91	24.33 1.37 -3.71	23.74 1.22 -5.35	21.51 1.21 -3.04	19.98 1.16 -2.00	19.94 1.20 -1.55	20.19 1.17 -2.31	21.58 1.28 -2.47	24.89 1.42 -3.49	32.28 1.73 -7.18	40.70 2.33 -6.39	39.90 2.68 0.00	29.28 1.75 -3.24	24.76 1.58 -1.59	21.07 1.38 0.00	18.37 0.99 0.00
MILLWOOD_13_KV_LOAD 356217	15.97 0.93 -1.40	14.54 0.71 -3.06	13.59 0.64 -3.13	13.60 0.63 -3.13	14.87 0.62 -4.42	16.03 0.93 -0.26	24.92 1.22 -5.44	30.10 1.54 -7.20	28.47 1.45 -6.91	24.41 1.44 -3.71	23.79 1.27 -5.35	21.56 1.26 -3.04	20.01 1.19 -2.00	19.96 1.22 -1.55	20.22 1.20 -2.31	21.60 1.30 -2.47	24.93 1.46 -3.49	32.30 1.75 -7.18	40.83 2.46 -6.39	40.05 2.83 0.00	29.37 1.85 -3.24	24.85 1.66 -1.59	21.13 1.44 0.00	18.42 1.04 0.00
MODEL_CITY_ENERGY 24167	13.26 -0.59 -0.22	10.86 -0.38 -0.47	9.95 -0.34 -0.48	9.97 -0.35 -0.48	10.02 -0.49 -0.68	14.28 -0.59 -0.04	17.61 -1.11 -0.47	18.91 -1.75 0.70	18.40 -1.71 0.00	17.48 -1.83 -0.05	15.62 -1.55 0.00	15.83 -1.43 0.00	15.61 -1.21 0.00	15.78 -1.41 0.00	15.31 -1.42 -0.02	16.39 -1.44 0.00	18.19 -1.80 -0.01	21.95 -1.75 -0.33	29.10 -2.88 0.00	33.98 -3.24 0.00	22.64 -1.80 -0.15	20.23 -1.45 -0.07	18.49 -1.20 0.00	16.67 -0.71 0.00
MODERN_LFGE___ 323580	13.26 -0.59 -0.22	10.86 -0.38 -0.47	9.95 -0.34 -0.48	9.97 -0.35 -0.48	10.02 -0.49 -0.68	14.28 -0.59 -0.04	17.61 -1.11 -0.47	18.91 -1.75 0.70	18.40 -1.71 0.00	17.48 -1.83 -0.05	15.62 -1.55 0.00	15.83 -1.43 0.00	15.61 -1.21 0.00	15.78 -1.41 0.00	15.31 -1.42 -0.02	16.39 -1.44 0.00	18.19 -1.80 -0.01	21.95 -1.75 -0.33	29.10 -2.88 0.00	33.98 -3.24 0.00	22.64 -1.80 -0.15	20.23 -1.45 -0.07	18.49 -1.20 0.00	16.67 -0.71 0.00
MOHAWK_PAPER___DRP 24187	15.89 0.41 -1.85	15.13 0.33 -4.03	14.26 0.31 -4.13	14.27 0.31 -4.12	15.94 0.29 -5.81	15.67 0.49 -0.35	23.89 0.55 -5.09	26.04 0.73 -3.95	23.67 0.66 -2.89	22.28 0.60 -2.43	19.90 0.53 -2.20	19.01 0.50 -1.25	18.18 0.54 -0.82	18.39 0.57 -0.64	18.49 0.55 -1.23	19.49 0.64 -1.01	22.25 0.74 -1.53	33.29 0.91 -9.01	35.85 1.25 -2.63	38.56 1.34 0.00	29.33 0.97 -4.07	24.43 0.84 -1.99	20.34 0.65 0.00	17.87 0.49 0.00
MOHICAN___35_KV_115KV_LD 80490	16.35 0.83 -1.89	15.52 0.65 -4.11	14.62 0.59 -4.21	14.62 0.57 -4.20	16.34 0.58 -5.93	16.17 0.98 -0.35	24.64 1.24 -5.15	26.80 1.58 -3.86	24.29 1.43 -2.75	22.91 1.25 -2.40	20.30 1.05 -2.09	19.47 1.02 -1.19	18.53 0.93 -0.78	18.76 0.96 -0.60	18.81 0.90 -1.20	19.86 1.07 -0.96	22.58 1.14 -1.46	34.06 1.50 -9.19	36.93 2.46 -2.50	40.05 2.83 0.00	30.47 2.04 -4.15	25.31 1.68 -2.03	21.03 1.34 0.00	18.42 1.04 0.00
MONGAUP___HYD 23641	15.60 0.79 -1.18	13.92 0.59 -2.57	12.95 0.50 -2.63	12.96 0.49 -2.63	14.07 0.53 -3.70	15.81 0.76 -0.22	16.38 0.98 2.86	8.24 1.30 14.43	3.75 1.19 17.55	14.68 1.16 5.74	4.45 1.00 13.71	10.44 0.97 7.79	12.62 0.91 5.11	14.19 0.96 3.97	12.91 0.94 4.74	12.53 1.02 6.32	12.61 1.20 8.57	31.69 1.50 -6.82	17.79 2.20 16.39	39.68 2.46 0.00	28.97 1.60 -3.08	24.53 1.43 -1.51	20.89 1.20 0.00	18.25 0.87 0.00
MONTAUK___DIESEL 23721	16.96 1.90 -1.43	15.27 1.39 -3.12	14.17 1.16 -3.19	14.17 1.14 -3.19	15.43 1.10 -4.50	16.91 1.81 -0.27	26.06 2.41 -5.39	31.10 2.80 -6.94	29.19 2.47 -6.60	25.48 2.62 -3.60	24.57 2.30 -5.10	22.37 2.21 -2.90	20.76 2.04 -1.90	20.80 2.13 -1.48	21.19 2.26 -2.22	22.79 2.60 -2.35	26.40 3.06 -3.37	34.59 3.88 -7.33	44.61 5.24 -7.40	43.38 6.14 -0.02	34.29 3.93 -6.07	29.29 3.41 -4.27	22.83 3.13 -0.01	19.86 2.47 -0.01
MOONROAD_115KV_HARTFLD_TB1-2 355988	13.26 -0.63 -0.25	10.94 -0.37 -0.54	9.99 -0.38 -0.55	9.99 -0.40 -0.55	10.09 -0.52 -0.78	14.42 -0.46 -0.05	17.64 -1.15 -0.54	19.00 -1.73 0.63	18.92 -1.19 0.00	18.07 -1.39 -0.20	16.00 -1.17 0.00	16.28 -0.98 0.00	15.90 -0.93 0.00	16.18 -1.01 0.00	15.67 -1.10 -0.06	16.57 -1.27 0.00	18.52 -1.48 -0.02	23.49 -1.24 -1.36	30.02 -1.95 0.00	35.25 -1.97 0.00	23.93 -0.97 -0.61	21.14 -0.76 -0.30	18.98 -0.71 0.00	17.08 -0.30 0.00
MORTIMER_115KV_TB3 55949	13.72 -0.08 -0.17	11.09 -0.04 -0.37	10.17 -0.02 -0.37	10.17 -0.04 -0.37	10.27 -0.09 -0.53	14.76 -0.10 -0.03	18.44 -0.18 -0.37	21.10 -0.41 -0.14	19.69 -0.42 0.00	18.82 -0.58 -0.14	16.72 -0.45 0.00	16.92 -0.35 0.00	16.44 -0.39 0.00	16.78 -0.41 0.00	16.32 -0.43 -0.04	17.35 -0.48 0.00	19.35 -0.64 -0.01	23.81 -0.49 -0.92	31.21 -0.77 0.00	36.40 -0.82 0.00	24.19 -0.51 -0.42	21.37 -0.43 -0.20	19.26 -0.43 0.00	17.15 -0.23 0.00
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	16.03 0.97 -1.43	14.63 0.75 -3.12	13.69 0.68 -3.19	13.69 0.66 -3.19	14.99 0.66 -4.49	16.10 0.99 -0.27	24.94 1.30 -5.40	29.94 1.62 -6.95	28.25 1.53 -6.61	24.37 1.50 -3.61	23.62 1.34 -5.11	21.51 1.35 -2.90	20.03 1.30 -1.91	20.03 1.36 -1.48	20.26 1.32 -2.23	21.61 1.43 -2.36	24.90 1.58 -3.34	32.54 1.89 -7.28	40.61 2.53 -6.11	40.09 2.87 0.00	29.42 1.85 -3.28	24.94 1.73 -1.61	21.21 1.52 0.00	18.47 1.09 0.00
MUNSVILLE_WIND_PWR 323609	15.07 0.98 -0.45	12.47 0.72 -0.99	11.46 0.63 -1.01	11.51 0.66 -1.01	11.97 0.71 -1.43	15.94 1.02 -0.08	20.50 1.26 -0.99	23.58 1.67 -0.55	21.60 1.49 0.00	20.60 1.12 -0.23	18.28 1.12 0.00	18.32 1.05 0.00	17.90 1.08 0.00	18.22 1.03 0.00	17.65 0.87 -0.07	18.85 1.02 0.00	21.02 1.02 -0.02	26.64 1.73 -1.54	34.63 2.65 0.00	40.38 3.16 0.00	26.98 1.99 -0.70	23.60 1.66 -0.34	20.83 1.14 0.00	18.51 1.13 0.00
N SALMON___HYD 24042	12.95 -0.68 0.00	10.32 -0.44 0.00	9.41 -0.41 0.00	9.43 -0.41 0.00	9.42 -0.41 0.00	14.12 -0.71 0.00	17.52 -0.73 0.00	20.47 -0.90 0.00	19.30 -0.80 0.00	18.54 -0.71 0.00	16.57 -0.60 0.00	16.68 -0.59 0.00	16.25 -0.57 0.00	16.64 -0.55 0.00	16.26 -0.45 0.00	17.40 -0.43 0.00	19.72 -0.26 0.00	23.00 -0.37 0.00	31.75 -0.22 0.00	37.07 -0.15 0.00	23.97 -0.32 0.00	21.21 -0.39 0.00	19.44 -0.26 0.00	17.15 -0.23 0.00
N.AKRON___115KV_KNAPP 355671	13.57 -0.27 -0.20	11.07 -0.14 -0.45	10.15 -0.13 -0.46	10.16 -0.14 -0.46	10.21 -0.27 -0.64	14.63 -0.24 -0.04	18.10 -0.60 -0.45	19.70 -1.11 0.56	19.14 -0.97 0.00	18.25 -1.17 -0.17	16.24 -0.93 0.00	16.50 -0.76 0.00	16.07 -0.76 0.00	16.38 -0.81 0.00	15.94 -0.82 -0.05	16.90 -0.93 0.00	18.80 -1.20 -0.02	23.47 -1.03 -1.13	30.28 -1.69 0.00	35.36 -1.86 0.00	23.80 -1.00 -0.51	21.05 -0.80 -0.25	19.02 -0.67 0.00	17.08 -0.30 0.00

N.BELMOR_69_KV_BK1 55787	16.21 1.15 -1.43	14.71 0.83 -3.12	13.71 0.70 -3.19	13.70 0.67 -3.19	14.99 0.66 -4.50	16.17 1.07 -0.27	25.09 1.44 -5.39	29.93 1.62 -6.94	28.22 1.51 -6.60	24.52 1.66 -3.60	23.80 1.53 -5.10	21.65 1.48 -2.90	20.11 1.38 -1.90	20.11 1.44 -1.48	20.42 1.49 -2.22	21.91 1.73 -2.35	25.31 1.98 -3.36	33.06 2.36 -7.33	42.49 3.20 -7.32	40.91 3.68 0.00	32.73 2.38 -6.06	28.03 2.16 -4.27	21.68 1.99 0.00	18.82 1.44 0.00
N.E_GEN_SANDY PD 24062	15.92 0.60 -1.68	14.90 0.47 -3.66	14.00 0.43 -3.75	14.00 0.41 -3.75	15.53 0.41 -5.28	15.80 0.65 -0.31	24.08 0.75 -5.08	27.40 1.03 -5.01	25.23 0.88 -4.24	23.00 0.85 -2.90	21.13 0.72 -3.24	19.83 0.72 -1.84	18.74 0.71 -1.21	18.92 0.79 -0.94	19.10 0.79 -1.60	20.20 0.87 -1.49	23.31 1.02 -2.31	33.10 1.17 -8.56	37.38 1.53 -3.88	38.90 1.68 0.00	29.40 1.19 -3.92	24.60 1.08 -1.92	20.58 0.89 0.00	18.04 0.66 0.00
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	15.82 0.87 -1.31	14.28 0.67 -2.85	13.33 0.60 -2.92	13.34 0.58 -2.91	14.53 0.59 -4.11	15.95 0.88 -0.24	25.14 1.13 -5.75	31.27 1.41 -8.50	29.92 1.35 -8.46	24.85 1.35 -4.25	24.92 1.18 -6.56	22.18 1.19 -3.73	20.42 1.14 -2.45	20.28 1.19 -1.90	20.60 1.15 -2.74	22.11 1.25 -3.03	25.63 1.40 -4.25	31.87 1.71 -6.79	42.16 2.33 -7.85	39.90 2.68 0.00	29.08 1.72 -3.06	24.66 1.56 -1.50	21.05 1.36 0.00	18.35 0.97 0.00
N.QUEENS_27_KV_LOAD 356247	16.02 0.95 -1.43	14.63 0.75 -3.12	13.70 0.69 -3.19	13.69 0.66 -3.19	14.98 0.65 -4.49	16.08 0.99 -0.25	24.93 1.30 -5.38	29.90 1.60 -6.93	28.24 1.53 -6.61	24.38 1.52 -3.60	23.64 1.37 -5.10	21.54 1.38 -2.89	20.05 1.33 -1.90	20.04 1.38 -1.47	20.28 1.35 -2.22	21.64 1.46 -2.35	24.89 1.58 -3.34	32.50 1.87 -7.26	40.55 2.46 -6.11	39.97 2.75 0.00	29.30 1.72 -3.28	24.88 1.68 -1.59	21.19 1.52 0.02	18.47 1.09 0.00
N.TROY___115KV_TB1 355778	16.00 0.50 -1.86	15.23 0.41 -4.06	14.34 0.37 -4.15	14.35 0.36 -4.15	16.05 0.36 -5.85	15.78 0.59 -0.35	24.06 0.68 -5.13	26.17 0.88 -3.93	23.76 0.80 -2.85	22.42 0.73 -2.43	19.97 0.64 -2.17	19.10 0.60 -1.23	18.24 0.61 -0.81	18.47 0.65 -0.63	18.57 0.63 -1.22	19.56 0.73 -1.00	22.33 0.84 -1.51	33.49 1.03 -9.09	36.00 1.44 -2.59	38.82 1.60 0.00	29.51 1.12 -4.10	24.58 0.97 -2.01	20.46 0.77 0.00	17.97 0.59 0.00
NARROWS_GT1_1 24228	16.14 1.06 -1.44	14.71 0.82 -3.12	13.76 0.75 -3.20	13.75 0.72 -3.20	15.04 0.71 -4.50	16.19 1.08 -0.28	25.04 1.39 -5.40	30.09 1.77 -6.96	30.25 1.67 -8.47	27.38 1.60 -6.52	28.33 1.44 -9.72	28.33 1.45 -9.61	24.02 1.40 -5.80	24.00 1.46 -5.35	23.37 1.44 -5.22	27.38 1.53 -8.01	27.40 1.70 -5.72	33.24 2.08 -7.79	40.83 2.75 -6.11	40.31 3.09 0.00	29.70 1.90 -3.51	25.19 1.86 -1.73	21.35 1.65 -0.01	18.60 1.22 -0.01
NARROWS_GT1_2 24229	16.14 1.06 -1.44	14.71 0.82 -3.12	13.76 0.75 -3.20	13.75 0.72 -3.20	15.04 0.71 -4.50	16.19 1.08 -0.28	25.04 1.39 -5.40	30.09 1.77 -6.96	30.25 1.67 -8.47	27.38 1.60 -6.52	28.33 1.44 -9.72	28.33 1.45 -9.61	24.02 1.40 -5.80	24.00 1.46 -5.35	23.37 1.44 -5.22	27.38 1.53 -8.01	27.40 1.70 -5.72	33.24 2.08 -7.79	40.83 2.75 -6.11	40.31 3.09 0.00	29.70 1.90 -3.51	25.19 1.86 -1.73	21.35 1.65 -0.01	18.60 1.22 -0.01
NARROWS_GT1_3 24230	16.14 1.06 -1.44	14.71 0.82 -3.12	13.76 0.75 -3.20	13.75 0.72 -3.20	15.04 0.71 -4.50	16.19 1.08 -0.28	25.04 1.39 -5.40	30.09 1.77 -6.96	30.25 1.67 -8.47	27.38 1.60 -6.52	28.33 1.44 -9.72	28.33 1.45 -9.61	24.02 1.40 -5.80	24.00 1.46 -5.35	23.37 1.44 -5.22	27.38 1.53 -8.01	27.40 1.70 -5.72	33.24 2.08 -7.79	40.83 2.75 -6.11	40.31 3.09 0.00	29.70 1.90 -3.51	25.19 1.86 -1.73	21.35 1.65 -0.01	18.60 1.22 -0.01
NARROWS_GT1_4 24231	16.14 1.06 -1.44	14.71 0.82 -3.12	13.76 0.75 -3.20	13.75 0.72 -3.20	15.04 0.71 -4.50	16.19 1.08 -0.28	25.04 1.39 -5.40	30.09 1.77 -6.96	30.25 1.67 -8.47	27.38 1.60 -6.52	28.33 1.44 -9.72	28.33 1.45 -9.61	24.02 1.40 -5.80	24.00 1.46 -5.35	23.37 1.44 -5.22	27.38 1.53 -8.01	27.40 1.70 -5.72	33.24 2.08 -7.79	40.83 2.75 -6.11	40.31 3.09 0.00	29.70 1.90 -3.51	25.19 1.86 -1.73	21.35 1.65 -0.01	18.60 1.22 -0.01
NARROWS_GT1_5 24232	16.14 1.06 -1.44	14.71 0.82 -3.12	13.76 0.75 -3.20	13.75 0.72 -3.20	15.04 0.71 -4.50	16.19 1.08 -0.28	25.04 1.39 -5.40	30.09 1.77 -6.96	30.25 1.67 -8.47	27.38 1.60 -6.52	28.33 1.44 -9.72	28.33 1.45 -9.61	24.02 1.40 -5.80	24.00 1.46 -5.35	23.37 1.44 -5.22	27.38 1.53 -8.01	27.40 1.70 -5.72	33.24 2.08 -7.79	40.83 2.75 -6.11	40.31 3.09 0.00	29.70 1.90 -3.51	25.19 1.86 -1.73	21.35 1.65 -0.01	18.60 1.22 -0.01
NARROWS_GT1_6 24233	16.14 1.06 -1.44	14.71 0.82 -3.12	13.76 0.75 -3.20	13.75 0.72 -3.20	15.04 0.71 -4.50	16.19 1.08 -0.28	25.04 1.39 -5.40	30.09 1.77 -6.96	30.25 1.67 -8.47	27.38 1.60 -6.52	28.33 1.44 -9.72	28.33 1.45 -9.61	24.02 1.40 -5.80	24.00 1.46 -5.35	23.37 1.44 -5.22	27.38 1.53 -8.01	27.40 1.70 -5.72	33.24 2.08 -7.79	40.83 2.75 -6.11	40.31 3.09 0.00	29.70 1.90 -3.51	25.19 1.86 -1.73	21.35 1.65 -0.01	18.60 1.22 -0.01
NARROWS_GT1_7 24234	16.14 1.06 -1.44	14.71 0.82 -3.12	13.76 0.75 -3.20	13.75 0.72 -3.20	15.04 0.71 -4.50	16.19 1.08 -0.28	25.04 1.39 -5.40	30.09 1.77 -6.96	30.25 1.67 -8.47	27.38 1.60 -6.52	28.33 1.44 -9.72	28.33 1.45 -9.61	24.02 1.40 -5.80	24.00 1.46 -5.35	23.37 1.44 -5.22	27.38 1.53 -8.01	27.40 1.70 -5.72	33.24 2.08 -7.79	40.83 2.75 -6.11	40.31 3.09 0.00	29.70 1.90 -3.51	25.19 1.86 -1.73	21.35 1.65 -0.01	18.60 1.22 -0.01
NARROWS_GT1_8 24235	16.14 1.06 -1.44	14.71 0.82 -3.12	13.76 0.75 -3.20	13.75 0.72 -3.20	15.04 0.71 -4.50	16.19 1.08 -0.28	25.04 1.39 -5.40	30.09 1.77 -6.96	30.25 1.67 -8.47	27.38 1.60 -6.52	28.33 1.44 -9.72	28.33 1.45 -9.61	24.02 1.40 -5.80	24.00 1.46 -5.35	23.37 1.44 -5.22	27.38 1.53 -8.01	27.40 1.70 -5.72	33.24 2.08 -7.79	40.83 2.75 -6.11	40.31 3.09 0.00	29.70 1.90 -3.51	25.19 1.86 -1.73	21.35 1.65 -0.01	18.60 1.22 -0.01
NARROWS_GT2_1 24236	16.14 1.06 -1.44	14.71 0.82 -3.12	13.76 0.75 -3.20	13.75 0.72 -3.20	15.04 0.71 -4.50	16.19 1.08 -0.28	25.04 1.39 -5.40	30.09 1.77 -6.96	30.25 1.67 -8.47	27.38 1.60 -6.52	28.33 1.44 -9.72	28.33 1.45 -9.61	24.02 1.40 -5.80	24.00 1.46 -5.35	23.37 1.44 -5.22	27.38 1.53 -8.01	27.40 1.70 -5.72	33.24 2.08 -7.79	40.83 2.75 -6.11	40.31 3.09 0.00	29.70 1.90 -3.51	25.19 1.86 -1.73	21.35 1.65 -0.01	18.60 1.22 -0.01
NARROWS_GT2_2 24237	16.14 1.06 -1.44	14.71 0.82 -3.12	13.76 0.75 -3.20	13.75 0.72 -3.20	15.04 0.71 -4.50	16.19 1.08 -0.28	25.04 1.39 -5.40	30.09 1.77 -6.96	30.25 1.67 -8.47	27.38 1.60 -6.52	28.33 1.44 -9.72	28.33 1.45 -9.61	24.02 1.40 -5.80	24.00 1.46 -5.35	23.37 1.44 -5.22	27.38 1.53 -8.01	27.40 1.70 -5.72	33.24 2.08 -7.79	40.83 2.75 -6.11	40.31 3.09 0.00	29.70 1.90 -3.51	25.19 1.86 -1.73	21.35 1.65 -0.01	18.60 1.22 -0.01

NARROWS_GT2_3 24238	16.14 1.06 -1.44	14.71 0.82 -3.12	13.76 0.75 -3.20	13.75 0.72 -3.20	15.04 0.71 -4.50	16.19 1.08 -0.28	25.04 1.39 -5.40	30.09 1.77 -6.96	30.25 1.67 -8.47	27.38 1.60 -6.52	28.33 1.44 -9.72	28.33 1.45 -9.61	24.02 1.40 -5.80	24.00 1.46 -5.35	23.37 1.44 -5.22	27.38 1.53 -8.01	27.40 1.70 -5.72	33.24 2.08 -7.79	40.83 2.75 -6.11	40.31 3.09 0.00	29.70 1.90 -3.51	25.19 1.86 -1.73	21.35 1.65 -0.01	18.60 1.22 -0.01
NARROWS_GT2_4 24239	16.14 1.06 -1.44	14.71 0.82 -3.12	13.76 0.75 -3.20	13.75 0.72 -3.20	15.04 0.71 -4.50	16.19 1.08 -0.28	25.04 1.39 -5.40	30.09 1.77 -6.96	30.25 1.67 -8.47	27.38 1.60 -6.52	28.33 1.44 -9.72	28.33 1.45 -9.61	24.02 1.40 -5.80	24.00 1.46 -5.35	23.37 1.44 -5.22	27.38 1.53 -8.01	27.40 1.70 -5.72	33.24 2.08 -7.79	40.83 2.75 -6.11	40.31 3.09 0.00	29.70 1.90 -3.51	25.19 1.86 -1.73	21.35 1.65 -0.01	18.60 1.22 -0.01
NARROWS_GT2_5 24240	16.14 1.06 -1.44	14.71 0.82 -3.12	13.76 0.75 -3.20	13.75 0.72 -3.20	15.04 0.71 -4.50	16.19 1.08 -0.28	25.04 1.39 -5.40	30.09 1.77 -6.96	30.25 1.67 -8.47	27.38 1.60 -6.52	28.33 1.44 -9.72	28.33 1.45 -9.61	24.02 1.40 -5.80	24.00 1.46 -5.35	23.37 1.44 -5.22	27.38 1.53 -8.01	27.40 1.70 -5.72	33.24 2.08 -7.79	40.83 2.75 -6.11	40.31 3.09 0.00	29.70 1.90 -3.51	25.19 1.86 -1.73	21.35 1.65 -0.01	18.60 1.22 -0.01
NARROWS_GT2_6 24241	16.14 1.06 -1.44	14.71 0.82 -3.12	13.76 0.75 -3.20	13.75 0.72 -3.20	15.04 0.71 -4.50	16.19 1.08 -0.28	25.04 1.39 -5.40	30.09 1.77 -6.96	30.25 1.67 -8.47	27.38 1.60 -6.52	28.33 1.44 -9.72	28.33 1.45 -9.61	24.02 1.40 -5.80	24.00 1.46 -5.35	23.37 1.44 -5.22	27.38 1.53 -8.01	27.40 1.70 -5.72	33.24 2.08 -7.79	40.83 2.75 -6.11	40.31 3.09 0.00	29.70 1.90 -3.51	25.19 1.86 -1.73	21.35 1.65 -0.01	18.60 1.22 -0.01
NARROWS_GT2_7 24242	16.14 1.06 -1.44	14.71 0.82 -3.12	13.76 0.75 -3.20	13.75 0.72 -3.20	15.04 0.71 -4.50	16.19 1.08 -0.28	25.04 1.39 -5.40	30.09 1.77 -6.96	30.25 1.67 -8.47	27.38 1.60 -6.52	28.33 1.44 -9.72	28.33 1.45 -9.61	24.02 1.40 -5.80	24.00 1.46 -5.35	23.37 1.44 -5.22	27.38 1.53 -8.01	27.40 1.70 -5.72	33.24 2.08 -7.79	40.83 2.75 -6.11	40.31 3.09 0.00	29.70 1.90 -3.51	25.19 1.86 -1.73	21.35 1.65 -0.01	18.60 1.22 -0.01
NARROWS_GT2_8 24243	16.14 1.06 -1.44	14.71 0.82 -3.12	13.76 0.75 -3.20	13.75 0.72 -3.20	15.04 0.71 -4.50	16.19 1.08 -0.28	25.04 1.39 -5.40	30.09 1.77 -6.96	30.25 1.67 -8.47	27.38 1.60 -6.52	28.33 1.44 -9.72	28.33 1.45 -9.61	24.02 1.40 -5.80	24.00 1.46 -5.35	23.37 1.44 -5.22	27.38 1.53 -8.01	27.40 1.70 -5.72	33.24 2.08 -7.79	40.83 2.75 -6.11	40.31 3.09 0.00	29.70 1.90 -3.51	25.19 1.86 -1.73	21.35 1.65 -0.01	18.60 1.22 -0.01
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	15.83 0.46 -1.73	14.91 0.38 -3.77	14.01 0.32 -3.86	14.01 0.31 -3.86	15.61 0.33 -5.44	15.68 0.52 -0.32	23.81 0.60 -4.95	26.40 0.88 -4.16	24.07 0.74 -3.22	22.34 0.60 -2.49	20.12 0.48 -2.47	19.10 0.43 -1.40	18.20 0.45 -0.92	18.37 0.46 -0.72	18.47 0.45 -1.31	19.52 0.55 -1.14	22.37 0.70 -1.69	32.71 0.84 -8.50	36.37 1.44 -2.96	38.67 1.45 0.00	29.10 0.97 -3.84	24.28 0.80 -1.88	20.28 0.59 0.00	17.81 0.43 0.00
NCHELSEA_115KV_TR2 355582	15.98 0.90 -1.44	14.59 0.69 -3.14	13.62 0.59 -3.21	13.63 0.58 -3.21	14.97 0.61 -4.53	15.99 0.89 -0.27	24.72 1.13 -5.33	29.61 1.47 -6.77	27.91 1.39 -6.41	24.18 1.37 -3.56	23.39 1.20 -5.02	21.31 1.19 -2.85	19.79 1.09 -1.87	19.76 1.12 -1.45	20.00 1.10 -2.19	21.34 1.19 -2.32	24.64 1.38 -3.29	32.33 1.71 -7.25	40.44 2.46 -6.01	40.05 2.83 0.00	29.38 1.82 -3.27	24.82 1.62 -1.60	21.07 1.38 0.00	18.39 1.01 0.00
NEG CAPITAL___MECHNVIL 23645	16.20 0.68 -1.88	15.38 0.53 -4.09	14.50 0.49 -4.19	14.50 0.47 -4.19	16.21 0.47 -5.90	15.97 0.79 -0.35	24.36 0.97 -5.14	26.52 1.28 -3.88	23.99 1.11 -2.78	22.71 0.98 -2.47	20.09 0.81 -2.11	19.26 0.79 -1.20	18.35 0.74 -0.79	18.64 0.84 -0.61	18.72 0.79 -1.23	19.75 0.94 -0.97	22.52 1.06 -1.48	34.29 1.36 -9.56	36.51 2.02 -2.52	39.49 2.27 0.00	30.18 1.58 -4.32	25.05 1.34 -2.11	20.75 1.06 0.00	18.20 0.82 0.00
NEG CENTRAL_HIGH_ACRES 23767	13.53 -0.27 -0.16	10.91 -0.22 -0.36	10.02 -0.17 -0.37	10.02 -0.19 -0.37	10.14 -0.21 -0.52	14.60 -0.27 -0.03	18.25 -0.36 -0.36	21.02 -0.49 -0.14	19.55 -0.56 0.00	18.64 -0.65 -0.04	16.60 -0.57 0.00	16.75 -0.52 0.00	16.34 -0.49 0.00	16.59 -0.60 0.00	16.14 -0.59 -0.01	17.21 -0.62 0.00	19.20 -0.78 0.00	22.98 -0.65 -0.26	31.02 -0.96 0.00	36.14 -1.08 0.00	23.65 -0.75 -0.12	21.01 -0.65 -0.06	19.00 -0.69 0.00	16.91 -0.47 0.00
NEG CENTRAL___DRP 24199	13.89 0.07 -0.18	11.19 0.03 -0.40	10.29 0.06 -0.41	10.30 0.05 -0.41	10.47 0.06 -0.58	15.05 0.18 -0.03	18.82 0.16 -0.40	21.95 0.13 -0.46	20.27 0.16 0.00	19.43 0.02 -0.15	17.20 0.03 0.00	17.33 0.07 0.00	16.87 0.05 0.00	17.19 0.00 0.00	16.71 -0.05 -0.05	17.74 -0.09 0.00	19.87 -0.12 -0.02	24.50 0.12 -1.01	32.01 0.03 0.00	37.33 0.11 0.00	24.79 0.05 -0.46	21.87 0.04 -0.22	19.57 -0.12 0.00	17.45 0.07 0.00
NEG CENTRAL___INDECK 23768	14.08 0.20 -0.24	11.46 0.17 -0.52	10.55 0.20 -0.54	10.54 0.17 -0.54	10.72 0.13 -0.76	15.20 0.33 -0.04	19.03 0.26 -0.53	24.98 0.21 -3.41	20.23 0.12 0.00	19.16 -0.15 -0.06	17.01 -0.15 0.00	17.16 -0.10 0.00	16.66 -0.17 0.00	16.95 -0.24 0.00	16.51 -0.22 -0.02	17.69 -0.14 0.00	19.78 -0.20 -0.01	24.00 0.26 -0.37	32.36 0.39 0.00	37.93 0.71 0.00	24.82 0.36 -0.17	22.01 0.32 -0.08	19.83 0.14 0.00	17.71 0.33 0.00
NEG CENTRAL___SENECA 23627	13.92 0.08 -0.20	11.26 0.05 -0.44	10.34 0.07 -0.45	10.35 0.06 -0.45	10.53 0.07 -0.63	15.09 0.22 -0.04	18.88 0.18 -0.44	22.16 0.15 -0.65	20.31 0.20 0.00	19.44 0.02 -0.17	17.19 0.02 0.00	17.37 0.10 0.00	16.89 0.07 0.00	17.21 0.02 0.00	16.71 -0.05 -0.05	17.74 -0.09 0.00	19.88 -0.12 -0.02	24.67 0.19 -1.11	32.01 0.03 0.00	37.37 0.15 0.00	24.91 0.12 -0.50	21.95 0.11 -0.25	19.61 -0.08 0.00	17.50 0.12 0.00
NEG CENTRAL___STATE_STREET 24147	13.99 0.18 -0.18	11.27 0.12 -0.39	10.36 0.14 -0.40	10.37 0.13 -0.40	10.54 0.14 -0.57	15.15 0.28 -0.03	18.98 0.33 -0.39	21.99 0.34 -0.28	20.43 0.32 0.00	19.64 0.23 -0.15	17.37 0.21 0.00	17.51 0.24 0.00	17.04 0.22 0.00	17.36 0.17 0.00	16.89 0.13 -0.05	17.92 0.09 0.00	20.07 0.08 -0.02	24.69 0.33 -0.99	32.33 0.35 0.00	37.70 0.48 0.00	24.98 0.24 -0.45	22.04 0.22 -0.22	19.71 0.02 0.00	17.57 0.19 0.00
NEG MILLWOOD___DRP 24198	16.12 1.01 -1.47	14.73 0.75 -3.21	13.77 0.67 -3.29	13.79 0.67 -3.28	15.13 0.67 -4.63	16.09 0.98 -0.28	24.84 1.30 -5.29	29.53 1.71 -6.46	27.82 1.69 -6.03	24.31 1.66 -3.40	23.25 1.44 -4.64	21.30 1.40 -2.64	19.75 1.19 -1.73	19.74 1.20 -1.34	19.97 1.20 -2.06	21.29 1.32 -2.14	24.53 1.50 -3.05	32.65 1.85 -7.43	40.46 2.94 -5.55	40.64 3.42 0.00	29.88 2.23 -3.35	25.14 1.90 -1.64	21.27 1.58 0.00	18.56 1.18 0.00



NEG NORTH_FLCN_SEA 23793	12.87 -0.76 0.00	10.29 -0.47 0.00	9.38 -0.44 0.00	9.39 -0.45 0.00	9.39 -0.44 0.00	14.06 -0.77 0.00	17.47 -0.78 0.00	20.51 -0.85 0.00	19.30 -0.80 0.00	18.51 -0.75 0.00	16.50 -0.67 0.00	16.61 -0.66 0.00	16.25 -0.57 0.00	16.64 -0.55 0.00	16.29 -0.42 0.00	17.46 -0.37 0.00	19.82 -0.16 0.00	23.16 -0.21 0.00	31.97 0.00 0.00	37.29 0.07 0.00	24.12 -0.17 0.00	21.32 -0.28 0.00	19.50 -0.20 0.00	17.22 -0.16 0.00
NEG NORTH_KES_CHATEGAY 23792	12.80 -0.83 0.00	10.21 -0.55 0.00	9.32 -0.50 0.00	9.34 -0.50 0.00	9.33 -0.50 0.00	13.99 -0.85 0.00	17.36 -0.89 0.00	20.36 -1.00 0.00	19.18 -0.92 0.00	18.39 -0.87 0.00	16.38 -0.79 0.00	16.50 -0.76 0.00	16.13 -0.69 0.00	16.52 -0.67 0.00	16.18 -0.53 0.00	17.33 -0.50 0.00	19.66 -0.32 0.00	22.95 -0.42 0.00	31.65 -0.32 0.00	36.92 -0.30 0.00	23.90 -0.39 0.00	21.12 -0.48 0.00	19.34 -0.35 0.00	17.07 -0.31 0.00
NEG NORTH___ALICE_FALLS 23915	12.87 -0.76 0.00	10.29 -0.47 0.00	9.38 -0.44 0.00	9.40 -0.44 0.00	9.39 -0.44 0.00	14.06 -0.77 0.00	17.47 -0.78 0.00	20.53 -0.83 0.00	19.32 -0.78 0.00	18.51 -0.75 0.00	16.50 -0.67 0.00	16.63 -0.64 0.00	16.24 -0.59 0.00	16.62 -0.57 0.00	16.29 -0.42 0.00	17.46 -0.37 0.00	19.84 -0.14 0.00	23.19 -0.19 0.00	32.04 0.06 0.00	37.37 0.15 0.00	24.14 -0.15 0.00	21.32 -0.28 0.00	19.52 -0.18 0.00	17.24 -0.14 0.00
NEG NORTH___LWR_SARANAC 23913	12.87 -0.76 0.00	10.29 -0.47 0.00	9.38 -0.44 0.00	9.40 -0.44 0.00	9.39 -0.44 0.00	14.06 -0.77 0.00	17.47 -0.78 0.00	20.53 -0.83 0.00	19.32 -0.78 0.00	18.51 -0.75 0.00	16.50 -0.67 0.00	16.63 -0.64 0.00	16.24 -0.59 0.00	16.62 -0.57 0.00	16.29 -0.42 0.00	17.46 -0.37 0.00	19.84 -0.14 0.00	23.19 -0.19 0.00	32.04 0.06 0.00	37.37 0.15 0.00	24.14 -0.15 0.00	21.32 -0.28 0.00	19.52 -0.18 0.00	17.24 -0.14 0.00
NEG NORTH___PLATTSBURG 23628	12.87 -0.76 0.00	10.29 -0.47 0.00	9.38 -0.44 0.00	9.40 -0.44 0.00	9.39 -0.44 0.00	14.06 -0.77 0.00	17.47 -0.78 0.00	20.42 -0.94 0.00	19.26 -0.84 0.00	18.49 -0.77 0.00	16.50 -0.67 0.00	16.63 -0.64 0.00	16.23 -0.59 0.00	16.64 -0.55 0.00	16.28 -0.43 0.00	17.46 -0.38 0.00	19.84 -0.14 0.00	23.18 -0.19 0.00	32.04 0.06 0.00	37.37 0.15 0.00	24.14 -0.14 0.00	21.32 -0.28 0.00	19.51 -0.18 0.00	17.24 -0.14 0.00
NEG WEST_LEA_LOCKPORT 23791	13.37 -0.48 -0.21	10.94 -0.29 -0.46	10.03 -0.27 -0.47	10.03 -0.29 -0.47	10.09 -0.41 -0.67	14.41 -0.46 -0.04	17.79 -0.93 -0.46	19.08 -1.58 0.71	18.72 -1.39 0.00	17.87 -1.56 -0.17	15.91 -1.25 0.00	16.18 -1.09 0.00	15.80 -1.03 0.00	16.11 -1.08 0.00	15.65 -1.12 -0.05	16.57 -1.27 0.00	18.42 -1.58 -0.02	23.05 -1.50 -1.17	29.48 -2.49 0.00	34.43 -2.79 0.00	23.31 -1.51 -0.53	20.67 -1.19 -0.26	18.71 -0.98 0.00	16.86 -0.52 0.00
NEG WEST___LANCASTR 23811	13.05 -0.83 -0.24	10.73 -0.57 -0.53	9.80 -0.56 -0.54	9.81 -0.57 -0.54	9.93 -0.67 -0.77	14.48 -0.40 -0.05	17.40 -1.39 -0.53	18.63 -2.01 0.72	19.26 -0.84 0.00	18.42 -1.04 -0.20	16.34 -0.82 0.00	16.63 -0.64 0.00	16.27 -0.56 0.00	16.59 -0.60 0.00	16.09 -0.69 -0.06	16.98 -0.86 0.00	18.90 -1.10 -0.02	23.85 -0.86 -1.34	30.44 -1.53 0.00	35.66 -1.56 0.00	24.14 -0.75 -0.61	21.34 -0.56 -0.30	19.20 -0.49 0.00	17.45 0.07 0.00
NEG_PENN_ALLEGHNY 23528	14.25 0.16 -0.45	11.87 0.13 -0.98	10.95 0.13 -1.00	10.97 0.13 -1.00	11.36 0.12 -1.41	15.19 0.27 -0.08	19.44 0.20 -0.98	22.01 0.26 -0.39	20.39 0.28 0.00	19.30 -0.08 -0.12	17.12 -0.05 0.00	17.25 -0.02 0.00	16.91 0.08 0.00	17.14 -0.05 0.00	16.63 -0.12 -0.04	17.71 -0.12 0.00	19.79 -0.20 -0.01	24.21 0.05 -0.79	31.94 -0.03 0.00	37.29 0.07 0.00	24.69 0.05 -0.35	21.84 0.06 -0.17	19.61 -0.08 0.00	17.54 0.16 0.00
NEG___GEN_MONROE 24207	13.71 -0.10 -0.17	11.07 -0.06 -0.37	10.16 -0.04 -0.38	10.16 -0.06 -0.38	10.27 -0.10 -0.53	14.78 -0.09 -0.03	18.37 -0.26 -0.37	20.88 -0.49 -0.01	19.59 -0.52 0.00	18.74 -0.65 -0.14	16.65 -0.52 0.00	16.83 -0.43 0.00	16.35 -0.47 0.00	16.69 -0.50 0.00	16.24 -0.52 -0.04	17.24 -0.59 0.00	19.19 -0.80 -0.01	23.68 -0.63 -0.93	30.98 -0.99 0.00	36.25 -0.97 0.00	24.13 -0.58 -0.42	21.31 -0.50 -0.21	19.18 -0.51 0.00	17.10 -0.28 0.00
NEPA___ENERGY 23901	13.45 -0.44 -0.25	11.05 -0.26 -0.54	10.11 -0.27 -0.56	10.11 -0.29 -0.56	10.23 -0.38 -0.78	14.61 -0.27 -0.05	17.94 -0.86 -0.54	19.24 -1.37 0.76	19.26 -0.84 0.00	18.42 -1.04 -0.21	16.33 -0.84 0.00	16.61 -0.66 0.00	16.27 -0.56 0.00	16.59 -0.60 0.00	16.06 -0.72 -0.06	16.96 -0.87 0.00	18.88 -1.12 -0.02	23.83 -0.91 -1.37	30.41 -1.57 0.00	35.62 -1.60 0.00	24.13 -0.78 -0.62	21.32 -0.58 -0.30	19.18 -0.51 0.00	17.27 -0.10 0.00
NEVERSINK___HYD 23608	15.79 0.94 -1.21	14.10 0.70 -2.64	13.11 0.59 -2.70	13.12 0.58 -2.70	14.27 0.63 -3.81	15.95 0.89 -0.23	22.43 1.15 -3.02	23.89 1.52 -1.01	21.49 1.39 0.00	21.68 1.39 -1.04	18.39 1.22 0.00	18.47 1.21 0.00	17.92 1.09 0.00	18.33 1.13 0.00	18.15 1.12 -0.32	19.04 1.21 0.00	21.46 1.38 -0.11	32.07 1.78 -6.92	34.50 2.53 0.00	40.16 2.94 0.00	29.26 1.84 -3.12	24.77 1.64 -1.53	21.09 1.40 0.00	18.42 1.04 0.00
NEWKRMKL_115KV_TB1 55635	15.76 0.27 -1.85	15.04 0.25 -4.03	14.17 0.23 -4.12	14.19 0.23 -4.12	15.84 0.20 -5.81	15.54 0.36 -0.35	23.70 0.37 -5.08	25.81 0.51 -3.94	23.45 0.46 -2.88	22.10 0.42 -2.42	19.71 0.36 -2.18	18.83 0.33 -1.24	18.04 0.40 -0.81	18.24 0.41 -0.63	18.32 0.38 -1.23	19.30 0.46 -1.01	22.04 0.54 -1.52	33.03 0.65 -9.00	35.48 0.90 -2.61	38.19 0.97 0.00	29.05 0.70 -4.06	24.19 0.60 -1.99	20.13 0.43 0.00	17.67 0.30 0.00
NEWTON___FALLS_HYD 23847	13.53 -0.15 -0.04	10.72 -0.13 -0.09	9.78 -0.13 -0.09	9.78 -0.15 -0.09	9.83 -0.13 -0.13	14.59 -0.25 -0.01	18.11 -0.24 -0.09	21.16 -0.23 -0.04	19.87 -0.24 0.00	19.04 -0.25 -0.03	16.94 -0.22 0.00	17.01 -0.26 0.00	16.52 -0.30 0.00	16.88 -0.31 0.00	16.40 -0.32 -0.01	17.53 -0.30 0.00	19.64 -0.34 0.00	23.32 -0.28 -0.23	31.85 -0.13 0.00	37.22 0.00 0.00	24.27 -0.12 -0.10	21.54 -0.11 -0.05	19.57 -0.12 0.00	17.27 -0.10 0.00
NGRID_A1_DSASP 323792	13.17 -0.68 -0.22	10.79 -0.45 -0.48	9.88 -0.42 -0.49	9.88 -0.44 -0.49	9.95 -0.57 -0.69	14.15 -0.73 -0.04	17.52 -1.21 -0.48	19.09 -1.54 0.74	18.20 -1.91 0.00	17.30 -2.00 -0.05	15.47 -1.70 0.00	15.68 -1.59 0.00	15.48 -1.35 0.00	15.64 -1.55 0.00	15.17 -1.55 -0.02	16.23 -1.60 0.00	17.99 -2.00 -0.01	21.70 -2.01 -0.34	28.75 -3.23 0.00	33.53 -3.69 0.00	22.40 -2.04 -0.15	20.01 -1.66 -0.07	18.31 -1.38 0.00	16.51 -0.87 0.00
NGRID_A2_DSASP 323793	13.17 -0.68 -0.22	10.79 -0.45 -0.48	9.88 -0.42 -0.49	9.88 -0.44 -0.49	9.95 -0.57 -0.69	14.15 -0.73 -0.04	17.52 -1.21 -0.48	19.09 -1.54 0.74	18.20 -1.91 0.00	17.30 -2.00 -0.05	15.47 -1.70 0.00	15.68 -1.59 0.00	15.48 -1.35 0.00	15.64 -1.55 0.00	15.17 -1.55 -0.02	16.23 -1.60 0.00	17.99 -2.00 -0.01	21.70 -2.01 -0.34	28.75 -3.23 0.00	33.53 -3.69 0.00	22.40 -2.04 -0.15	20.01 -1.66 -0.07	18.31 -1.38 0.00	16.51 -0.87 0.00

NGRID_A4_DSASP 323807	13.17 -0.68 -0.22	10.79 -0.45 -0.48	9.88 -0.42 -0.49	9.88 -0.44 -0.49	9.95 -0.57 -0.69	14.15 -0.73 -0.04	17.52 -1.21 -0.48	19.09 -1.54 0.74	18.20 -1.91 0.00	17.30 -2.00 -0.05	15.47 -1.70 0.00	15.68 -1.59 0.00	15.48 -1.35 0.00	15.64 -1.55 0.00	15.17 -1.55 -0.02	16.23 -1.60 0.00	17.99 -2.00 -0.01	21.70 -2.01 -0.34	28.75 -3.23 0.00	33.53 -3.69 0.00	22.40 -2.04 -0.15	20.01 -1.66 -0.07	18.31 -1.38 0.00	16.51 -0.87 0.00
NIAGARA_115E_LBMP 323715	13.21 -0.64 -0.22	10.82 -0.42 -0.47	9.92 -0.38 -0.49	9.93 -0.39 -0.48	9.97 -0.54 -0.68	14.21 -0.67 -0.04	17.52 -1.21 -0.48	18.76 -1.88 0.72	18.26 -1.85 0.00	17.36 -1.94 -0.05	15.52 -1.65 0.00	15.73 -1.54 0.00	15.53 -1.30 0.00	15.68 -1.51 0.00	15.22 -1.50 -0.02	16.28 -1.55 0.00	18.07 -1.92 -0.01	21.79 -1.92 -0.33	28.87 -3.10 0.00	33.72 -3.50 0.00	22.49 -1.94 -0.15	20.10 -1.58 -0.07	18.37 -1.32 0.00	16.56 -0.82 0.00
NIAGARA_115W_LBMP 323714	13.13 -0.72 -0.22	10.75 -0.48 -0.48	9.85 -0.45 -0.49	9.85 -0.47 -0.49	9.93 -0.59 -0.69	14.10 -0.77 -0.04	17.49 -1.24 -0.48	19.07 -1.56 0.74	18.16 -1.95 0.00	17.26 -2.04 -0.05	15.43 -1.73 0.00	15.64 -1.62 0.00	15.44 -1.38 0.00	15.59 -1.60 0.00	15.14 -1.59 -0.02	16.19 -1.64 0.00	17.95 -2.04 -0.01	21.65 -2.06 -0.34	28.65 -3.33 0.00	33.46 -3.76 0.00	22.33 -2.11 -0.15	19.97 -1.71 -0.07	18.27 -1.42 0.00	16.47 -0.90 0.00
NIAGARA_230_LBMP 323716	13.31 -0.55 -0.22	10.89 -0.34 -0.47	9.98 -0.32 -0.48	9.98 -0.34 -0.48	10.05 -0.46 -0.68	14.31 -0.56 -0.04	17.72 -1.00 -0.47	19.05 -1.60 0.71	18.48 -1.63 0.00	17.57 -1.73 -0.05	15.71 -1.46 0.00	15.90 -1.36 0.00	15.70 -1.13 0.00	15.85 -1.34 0.00	15.39 -1.34 -0.02	16.46 -1.37 0.00	18.25 -1.74 -0.01	22.00 -1.71 -0.33	29.16 -2.81 0.00	34.02 -3.20 0.00	22.69 -1.75 -0.15	20.27 -1.40 -0.07	18.55 -1.14 0.00	16.72 -0.66 0.00
NIAGARA__115KV_198_GIBSON 55903	13.13 -0.72 -0.22	10.75 -0.48 -0.48	9.85 -0.45 -0.49	9.85 -0.47 -0.49	9.93 -0.59 -0.69	14.10 -0.77 -0.04	17.49 -1.24 -0.48	19.00 -1.62 0.74	18.26 -1.85 0.00	17.47 -1.96 -0.18	15.55 -1.61 0.00	15.81 -1.45 0.00	15.44 -1.38 0.00	15.76 -1.43 0.00	15.30 -1.47 -0.06	16.19 -1.64 0.00	17.96 -2.04 -0.02	22.52 -2.06 -1.20	28.65 -3.33 0.00	33.46 -3.76 0.00	22.72 -2.11 -0.54	20.16 -1.71 -0.27	18.27 -1.42 0.00	16.48 -0.90 0.00
NIAGARA____ 23760	13.31 -0.55 -0.22	10.89 -0.34 -0.47	9.98 -0.32 -0.49	9.98 -0.34 -0.49	10.05 -0.46 -0.68	14.31 -0.56 -0.04	17.72 -1.00 -0.48	19.05 -1.60 0.72	18.48 -1.63 0.00	17.57 -1.73 -0.05	15.71 -1.46 0.00	15.90 -1.36 0.00	15.70 -1.13 0.00	15.85 -1.34 0.00	15.39 -1.34 -0.02	16.46 -1.37 0.00	18.25 -1.74 -0.01	22.00 -1.71 -0.33	29.16 -2.81 0.00	34.02 -3.20 0.00	22.69 -1.75 -0.15	20.27 -1.40 -0.07	18.55 -1.14 0.00	16.72 -0.66 0.00
NINE_MILE_1 23575	13.44 -0.29 -0.09	10.72 -0.24 -0.19	9.81 -0.21 -0.20	9.83 -0.21 -0.20	9.90 -0.21 -0.28	14.55 -0.30 -0.02	18.06 -0.38 -0.19	20.99 -0.45 -0.08	19.67 -0.44 0.00	18.78 -0.48 0.00	16.74 -0.43 0.00	16.85 -0.41 0.00	16.42 -0.40 0.00	16.74 -0.45 0.00	16.28 -0.43 0.00	17.31 -0.52 0.00	19.36 -0.62 0.00	22.74 -0.63 0.00	31.08 -0.90 0.00	36.18 -1.04 0.00	23.61 -0.68 0.00	21.00 -0.60 0.00	19.10 -0.59 0.00	16.96 -0.42 0.00
NINE_MILE_2 23744	13.44 -0.29 -0.09	10.72 -0.24 -0.19	9.81 -0.21 -0.20	9.83 -0.21 -0.20	9.90 -0.21 -0.28	14.55 -0.30 -0.02	18.06 -0.38 -0.19	20.99 -0.45 -0.08	19.67 -0.44 0.00	18.78 -0.48 0.00	16.74 -0.43 0.00	16.85 -0.41 0.00	16.42 -0.40 0.00	16.74 -0.45 0.00	16.28 -0.43 0.00	17.31 -0.52 0.00	19.36 -0.62 0.00	22.74 -0.63 0.00	31.08 -0.90 0.00	36.18 -1.04 0.00	23.61 -0.68 0.00	21.00 -0.60 0.00	19.10 -0.59 0.00	16.98 -0.40 0.00
NM_CAPITAL____DRP 24208	15.79 0.31 -1.84	15.05 0.27 -4.02	14.19 0.26 -4.11	14.19 0.25 -4.11	15.85 0.23 -5.79	15.56 0.39 -0.34	23.75 0.42 -5.08	25.88 0.56 -3.96	23.52 0.50 -2.91	22.15 0.46 -2.43	19.79 0.41 -2.21	18.90 0.38 -1.26	18.09 0.44 -0.82	18.28 0.45 -0.64	18.38 0.43 -1.24	19.37 0.52 -1.02	22.11 0.60 -1.54	33.08 0.72 -8.98	35.58 0.96 -2.64	38.26 1.04 0.00	29.09 0.75 -4.05	24.23 0.65 -1.98	20.18 0.49 0.00	17.73 0.35 0.00
NM_CENTRAL____DRP 24181	13.76 0.00 -0.13	11.03 -0.01 -0.28	10.10 0.00 -0.28	10.12 0.00 -0.28	10.23 0.00 -0.40	14.89 0.03 -0.02	18.55 0.02 -0.28	21.47 0.00 -0.11	20.11 0.00 0.00	19.28 -0.08 -0.10	17.12 -0.05 0.00	17.23 -0.03 0.00	16.79 -0.03 0.00	17.12 -0.07 0.00	16.64 -0.10 -0.03	17.69 -0.14 0.00	19.79 -0.20 -0.01	23.98 -0.09 -0.70	31.78 -0.19 0.00	37.07 -0.15 0.00	24.46 -0.15 -0.32	21.62 -0.13 -0.15	19.48 -0.22 0.00	17.33 -0.05 0.00
NM_FRONTIER____DRP 24179	13.13 -0.72 -0.22	10.75 -0.48 -0.48	9.85 -0.45 -0.49	9.85 -0.47 -0.49	9.93 -0.59 -0.69	14.10 -0.77 -0.04	17.49 -1.24 -0.48	19.00 -1.62 0.74	18.26 -1.85 0.00	17.47 -1.96 -0.18	15.55 -1.61 0.00	15.81 -1.45 0.00	15.44 -1.38 0.00	15.76 -1.43 0.00	15.30 -1.47 -0.06	16.19 -1.64 0.00	17.96 -2.04 -0.02	22.52 -2.06 -1.20	28.65 -3.33 0.00	33.46 -3.76 0.00	22.72 -2.11 -0.54	20.16 -1.71 -0.27	18.27 -1.42 0.00	16.48 -0.90 0.00
NM_ST_REGIS____HYD 24053	13.21 -0.42 0.00	10.47 -0.29 0.00	9.54 -0.27 0.00	9.56 -0.28 0.00	9.57 -0.27 0.00	14.37 -0.46 0.00	17.78 -0.47 0.00	20.83 -0.53 0.00	19.61 -0.50 0.00	18.79 -0.46 0.00	16.76 -0.41 0.00	16.85 -0.41 0.00	16.39 -0.44 0.00	16.74 -0.45 0.00	16.33 -0.38 0.00	17.46 -0.37 0.00	19.62 -0.36 0.00	22.81 -0.56 0.00	31.46 -0.51 0.00	36.70 -0.52 0.00	23.83 -0.46 0.00	21.19 -0.41 0.00	19.46 -0.24 0.00	17.15 -0.23 0.00
NORTHPORT____1 23551	16.44 1.38 -1.43	14.88 1.00 -3.12	13.84 0.83 -3.19	13.84 0.81 -3.19	15.12 0.79 -4.50	16.39 1.29 -0.27	25.34 1.70 -5.39	30.20 1.90 -6.94	28.42 1.71 -6.60	24.77 1.83 -3.68	23.92 1.65 -5.10	21.80 1.64 -2.90	20.41 1.68 -1.90	20.32 1.65 -1.48	20.68 1.72 -2.25	22.18 2.00 -2.35	25.61 2.26 -3.37	33.79 2.57 -7.84	42.49 3.20 -7.32	41.11 3.87 -0.02	33.19 2.60 -6.30	28.45 2.46 -4.39	21.99 2.28 -0.02	19.13 1.74 -0.01
NORTHPORT____2 23552	16.44 1.38 -1.43	14.88 1.00 -3.12	13.84 0.83 -3.19	13.84 0.81 -3.19	15.12 0.79 -4.50	16.39 1.29 -0.27	25.34 1.70 -5.39	30.20 1.90 -6.94	28.42 1.71 -6.60	24.77 1.83 -3.68	23.92 1.65 -5.10	21.80 1.64 -2.90	20.41 1.68 -1.90	20.32 1.65 -1.48	20.68 1.72 -2.25	22.18 2.00 -2.35	25.61 2.26 -3.37	33.79 2.57 -7.84	42.49 3.20 -7.32	41.11 3.87 -0.02	33.19 2.60 -6.30	28.45 2.46 -4.39	21.99 2.28 -0.02	19.13 1.74 -0.01
NORTHPORT____3 23553	16.10 1.04 -1.43	14.62 0.74 -3.12	13.62 0.61 -3.19	13.62 0.59 -3.19	14.90 0.57 -4.50	16.05 0.95 -0.27	24.96 1.31 -5.39	29.59 1.28 -6.94	28.12 1.41 -6.60	24.44 1.50 -3.68	23.65 1.37 -5.10	21.49 1.33 -2.90	20.09 1.36 -1.90	19.99 1.32 -1.48	20.33 1.37 -2.25	21.77 1.59 -2.35	25.22 1.88 -3.37	33.40 2.20 -7.83	42.33 3.04 -7.31	40.58 3.35 -0.01	32.81 2.23 -6.29	28.01 2.03 -4.38	21.63 1.93 -0.01	18.72 1.34 0.00

NORTHPORT___4 23650	16.10 1.04 -1.43	14.62 0.74 -3.12	13.62 0.61 -3.19	13.62 0.59 -3.19	14.90 0.57 -4.50	16.05 0.95 -0.27	24.96 1.31 -5.39	29.59 1.28 -6.94	28.12 1.41 -6.60	24.44 1.50 -3.68	23.65 1.37 -5.10	21.49 1.33 -2.90	20.09 1.36 -1.90	19.99 1.32 -1.48	20.33 1.37 -2.25	21.77 1.59 -2.35	25.22 1.88 -3.37	33.40 2.20 -7.83	42.33 3.04 -7.31	40.58 3.35 -0.01	32.81 2.23 -6.29	28.01 2.03 -4.38	21.63 1.93 -0.01	18.72 1.34 0.00
NORTHPORT___IC 23718	16.44 1.38 -1.43	14.88 1.00 -3.12	13.84 0.83 -3.19	13.84 0.81 -3.19	15.12 0.79 -4.50	16.39 1.29 -0.27	25.34 1.70 -5.39	30.20 1.90 -6.94	28.42 1.71 -6.60	24.77 1.83 -3.68	23.92 1.65 -5.10	21.80 1.64 -2.90	20.41 1.68 -1.90	20.32 1.65 -1.48	20.68 1.72 -2.25	22.18 2.00 -2.35	25.61 2.26 -3.37	33.79 2.57 -7.84	42.49 3.20 -7.32	41.11 3.87 -0.02	33.19 2.60 -6.30	28.45 2.46 -4.39	21.99 2.28 -0.02	19.13 1.74 -0.01
NORTH___COUNTRY_ESR 323785	12.79 -0.85 0.00	10.20 -0.56 0.00	9.30 -0.52 0.00	9.32 -0.52 0.00	9.31 -0.52 0.00	13.96 -0.88 0.00	17.32 -0.93 0.00	20.21 -1.15 0.00	19.08 -1.02 0.00	18.33 -0.92 0.00	16.36 -0.81 0.00	16.47 -0.79 0.00	16.10 -0.72 0.00	16.50 -0.69 0.00	16.14 -0.57 0.00	17.30 -0.53 0.00	19.60 -0.38 0.00	22.88 -0.49 0.00	31.59 -0.38 0.00	36.81 -0.41 0.00	23.83 -0.46 0.00	21.06 -0.54 0.00	19.30 -0.39 0.00	17.03 -0.35 0.00
NPX_GEN_1385_PROXY 323591	16.44 1.38 -1.43	14.88 1.00 -3.12	13.84 0.83 -3.19	13.84 0.81 -3.19	15.12 0.79 -4.50	16.39 1.29 -0.27	25.18 1.53 -5.39	29.99 1.69 -6.94	27.94 1.23 -6.60	24.42 1.48 -3.68	23.59 1.32 -5.10	21.59 1.43 -2.90	20.19 1.46 -1.90	20.27 1.60 -1.48	20.61 1.65 -2.25	22.11 1.93 -2.35	25.60 2.12 -3.50	33.40 2.31 -7.71	41.76 2.46 -7.32	40.21 2.98 -0.02	32.94 2.36 -6.30	28.12 2.14 -4.39	21.94 2.22 -0.02	19.07 1.69 -0.01
NPX_GEN_CSC 323557	16.58 1.51 -1.43	14.98 1.10 -3.12	13.92 0.91 -3.19	13.91 0.89 -3.19	15.18 0.85 -4.50	16.53 1.42 -0.27	25.54 1.90 -5.39	30.48 2.18 -6.94	28.66 1.95 -6.60	24.98 2.04 -3.68	24.06 1.79 -5.10	21.89 1.73 -2.90	20.51 1.78 -1.90	20.39 1.72 -1.48	20.76 1.81 -2.25	22.31 2.12 -2.35	25.96 2.48 -3.50	34.14 3.06 -7.71	43.46 4.09 -7.40	42.05 4.80 -0.02	33.69 3.11 -6.30	28.75 2.77 -4.39	22.27 2.56 -0.02	19.35 1.96 -0.01
NSINS_S_GLNS_FALLS 23858	16.37 0.85 -1.89	15.53 0.66 -4.11	14.63 0.60 -4.21	14.64 0.59 -4.21	16.35 0.59 -5.93	16.20 1.01 -0.35	24.66 1.26 -5.15	26.82 1.60 -3.85	24.32 1.47 -2.75	22.95 1.29 -2.40	20.33 1.08 -2.09	19.48 1.04 -1.18	18.53 0.93 -0.78	18.76 0.96 -0.60	18.83 0.92 -1.20	19.88 1.09 -0.96	22.58 1.14 -1.46	34.08 1.52 -9.19	36.96 2.49 -2.49	40.12 2.90 0.00	30.50 2.06 -4.15	25.34 1.71 -2.03	21.07 1.38 0.00	18.46 1.08 0.00
NUCOR_STEEL___DRP 24197	14.01 0.20 -0.17	11.28 0.14 -0.38	10.36 0.16 -0.39	10.38 0.16 -0.39	10.54 0.17 -0.55	15.16 0.30 -0.03	18.96 0.33 -0.38	21.83 0.32 -0.15	20.41 0.30 0.00	19.61 0.21 -0.14	17.36 0.19 0.00	17.49 0.22 0.00	17.03 0.20 0.00	17.35 0.15 0.00	16.89 0.13 -0.04	17.92 0.09 0.00	20.07 0.08 -0.01	24.61 0.28 -0.95	32.29 0.32 0.00	37.67 0.45 0.00	24.94 0.22 -0.43	22.03 0.22 -0.21	19.71 0.02 0.00	17.57 0.19 0.00
NUMBER_THREE_WT_PWR 323818	13.79 0.10 -0.06	10.94 0.05 -0.12	9.98 0.04 -0.13	9.94 -0.03 -0.13	10.01 0.00 -0.18	14.80 -0.04 -0.01	18.38 0.00 -0.12	21.50 0.09 -0.05	20.13 0.02 0.00	19.20 -0.06 0.00	17.15 -0.02 0.00	17.20 -0.07 0.00	16.72 -0.10 0.00	17.07 -0.12 0.00	16.56 -0.15 0.00	17.73 -0.11 0.00	19.82 -0.16 0.00	23.58 0.21 0.00	32.55 0.58 0.00	38.11 0.89 0.00	24.72 0.44 0.00	21.92 0.32 0.00	19.85 0.16 0.00	17.54 0.16 0.00
NYISO_LBMP_REFERENCE 24008	13.64 0.00 0.00	10.76 0.00 0.00	9.82 0.00 0.00	9.84 0.00 0.00	9.83 0.00 0.00	14.83 0.00 0.00	18.25 0.00 0.00	21.36 0.00 0.00	20.11 0.00 0.00	19.26 0.00 0.00	17.17 0.00 0.00	17.26 0.00 0.00	16.82 0.00 0.00	17.19 0.00 0.00	16.71 0.00 0.00	17.83 0.00 0.00	19.98 0.00 0.00	23.37 0.00 0.00	31.97 0.00 0.00	37.22 0.00 0.00	24.29 0.00 0.00	21.60 0.00 0.00	19.69 0.00 0.00	17.38 0.00 0.00
NYPA_BRENTWD___GT 24164	16.53 1.46 -1.43	14.95 1.07 -3.12	13.89 0.88 -3.19	13.88 0.86 -3.19	15.16 0.84 -4.50	16.48 1.38 -0.27	25.47 1.83 -5.39	30.40 2.09 -6.94	28.60 1.89 -6.60	24.94 2.00 -3.68	24.06 1.79 -5.10	21.91 1.74 -2.90	20.53 1.80 -1.90	20.42 1.75 -1.48	20.78 1.82 -2.25	22.29 2.10 -2.35	25.77 2.42 -3.37	34.11 2.90 -7.84	43.08 3.77 -7.34	41.70 4.46 -0.02	33.52 2.94 -6.30	28.66 2.68 -4.39	22.17 2.46 -0.02	19.27 1.88 -0.01
NYPA_GOWANUS___GT5 24156	16.14 1.06 -1.44	14.71 0.82 -3.12	13.76 0.75 -3.20	13.75 0.72 -3.20	15.04 0.71 -4.50	16.19 1.08 -0.28	25.04 1.39 -5.40	30.09 1.77 -6.96	30.25 1.67 -8.47	27.38 1.60 -6.52	28.33 1.44 -9.72	28.33 1.45 -9.61	24.02 1.40 -5.80	24.00 1.46 -5.35	23.37 1.44 -5.22	27.38 1.53 -8.01	27.40 1.70 -5.72	33.24 2.08 -7.79	40.83 2.75 -6.11	40.31 3.09 0.00	29.70 1.90 -3.51	25.19 1.86 -1.73	21.35 1.65 -0.01	18.60 1.22 -0.01
NYPA_GOWANUS___GT6 24157	16.14 1.06 -1.44	14.71 0.82 -3.12	13.76 0.75 -3.20	13.75 0.72 -3.20	15.04 0.71 -4.50	16.19 1.08 -0.28	25.04 1.39 -5.40	30.09 1.77 -6.96	30.25 1.67 -8.47	27.38 1.60 -6.52	28.33 1.44 -9.72	28.33 1.45 -9.61	24.02 1.40 -5.80	24.00 1.46 -5.35	23.37 1.44 -5.22	27.38 1.53 -8.01	27.40 1.70 -5.72	33.24 2.08 -7.79	40.83 2.75 -6.11	40.31 3.09 0.00	29.70 1.90 -3.51	25.19 1.86 -1.73	21.35 1.65 -0.01	18.60 1.22 -0.01
NYPA_HARLEM__RVR_GT1 24160	16.03 0.95 -1.44	14.63 0.74 -3.12	13.69 0.68 -3.20	13.68 0.65 -3.20	14.98 0.65 -4.50	16.07 0.98 -0.26	24.92 1.28 -5.39	29.91 1.60 -6.94	28.24 1.53 -6.61	24.41 1.48 -3.67	23.61 1.34 -5.10	21.51 1.35 -2.89	20.04 1.31 -1.90	20.04 1.38 -1.47	20.29 1.34 -2.24	21.62 1.44 -2.35	24.88 1.56 -3.34	33.02 1.87 -7.78	40.50 2.43 -6.10	39.93 2.72 0.01	29.52 1.72 -3.51	25.00 1.69 -1.71	21.20 1.52 0.01	18.47 1.08 -0.01
NYPA_HARLEM__RVR_GT2 24161	16.03 0.95 -1.44	14.63 0.74 -3.12	13.69 0.68 -3.20	13.68 0.65 -3.20	14.98 0.65 -4.50	16.07 0.98 -0.26	24.92 1.28 -5.39	29.91 1.60 -6.94	28.24 1.53 -6.61	24.41 1.48 -3.67	23.61 1.34 -5.10	21.51 1.35 -2.89	20.04 1.31 -1.90	20.04 1.38 -1.47	20.29 1.34 -2.24	21.62 1.44 -2.35	24.88 1.56 -3.34	33.02 1.87 -7.78	40.50 2.43 -6.10	39.93 2.72 0.01	29.52 1.72 -3.51	25.00 1.69 -1.71	21.20 1.52 0.01	18.47 1.08 -0.01
NYPA_KENT___GT 24152	16.12 1.05 -1.44	14.71 0.82 -3.12	13.75 0.74 -3.20	13.75 0.72 -3.20	15.04 0.71 -4.50	16.19 1.08 -0.28	25.04 1.39 -5.40	30.09 1.77 -6.96	30.25 1.67 -8.47	27.40 1.62 -6.52	28.33 1.44 -9.72	28.33 1.45 -9.61	24.02 1.40 -5.80	24.02 1.48 -5.35	23.37 1.44 -5.22	27.38 1.53 -8.01	27.40 1.70 -5.72	33.22 2.06 -7.79	40.80 2.72 -6.11	40.23 3.01 0.00	29.67 1.87 -3.51	25.19 1.86 -1.73	21.33 1.63 -0.01	18.60 1.22 -0.01

NYPA_POUCH1____GT 24155	16.15	14.72	13.77	13.76	15.05	16.21	25.06	30.11	30.25	27.40	28.34	28.34	24.03	24.02	23.38	27.40	27.42	33.27	40.86	40.35	29.72	25.21	21.37	18.62
	1.08	0.83	0.76	0.73	0.72	1.10	1.41	1.79	1.67	1.62	1.46	1.47	1.41	1.48	1.45	1.55	1.72	2.10	2.78	3.13	1.92	1.88	1.67	1.23
	-1.44	-3.12	-3.20	-3.20	-4.50	-0.28	-5.40	-6.96	-8.47	-6.52	-9.72	-9.61	-5.80	-5.35	-5.22	-8.01	-5.72	-7.79	-6.11	0.00	-3.51	-1.73	-0.01	-0.01
NYPA_VERNON____GT2 24162	16.11	14.70	13.75	13.74	15.04	16.19	25.06	30.09	30.25	27.40	28.33	28.33	24.03	24.02	23.37	27.40	27.40	33.20	40.74	40.20	29.67	25.16	21.33	18.59
	1.04	0.81	0.74	0.71	0.71	1.08	1.41	1.77	1.67	1.62	1.44	1.45	1.41	1.48	1.44	1.55	1.70	2.03	2.65	2.98	1.87	1.83	1.63	1.20
	-1.44	-3.12	-3.20	-3.20	-4.50	-0.28	-5.40	-6.96	-8.47	-6.52	-9.72	-9.61	-5.80	-5.35	-5.22	-8.01	-5.72	-7.79	-6.11	0.00	-3.51	-1.73	-0.01	-0.01
NYPA_VERNON____GT3 24163	16.11	14.70	13.75	13.74	15.04	16.19	25.06	30.09	30.25	27.40	28.33	28.33	24.03	24.02	23.37	27.40	27.40	33.20	40.74	40.20	29.67	25.16	21.33	18.59
	1.04	0.81	0.74	0.71	0.71	1.08	1.41	1.77	1.67	1.62	1.44	1.45	1.41	1.48	1.44	1.55	1.70	2.03	2.65	2.98	1.87	1.83	1.63	1.20
	-1.44	-3.12	-3.20	-3.20	-4.50	-0.28	-5.40	-6.96	-8.47	-6.52	-9.72	-9.61	-5.80	-5.35	-5.22	-8.01	-5.72	-7.79	-6.11	0.00	-3.51	-1.73	-0.01	-0.01
NYPA____ASTORIA_CC1 323568	16.10	14.68	13.74	13.73	15.03	16.16	25.03	30.05	30.21	27.36	28.31	28.31	24.00	23.99	23.35	27.36	27.36	33.15	40.67	40.13	29.65	25.14	21.32	18.55
	1.02	0.80	0.73	0.70	0.70	1.05	1.37	1.73	1.63	1.58	1.42	1.43	1.38	1.44	1.42	1.51	1.66	1.99	2.59	2.91	1.84	1.81	1.62	1.16
	-1.44	-3.12	-3.20	-3.20	-4.50	-0.28	-5.40	-6.96	-8.47	-6.52	-9.72	-9.61	-5.80	-5.35	-5.22	-8.01	-5.72	-7.79	-6.11	0.00	-3.51	-1.73	-0.01	-0.01
NYPA____ASTORIA_CC2 323569	16.10	14.68	13.74	13.73	15.03	16.16	25.03	30.05	30.21	27.36	28.31	28.31	24.00	23.99	23.35	27.36	27.36	33.15	40.67	40.13	29.65	25.14	21.32	18.55
	1.02	0.80	0.73	0.70	0.70	1.05	1.37	1.73	1.63	1.58	1.42	1.43	1.38	1.44	1.42	1.51	1.66	1.99	2.59	2.91	1.84	1.81	1.62	1.16
	-1.44	-3.12	-3.20	-3.20	-4.50	-0.28	-5.40	-6.96	-8.47	-6.52	-9.72	-9.61	-5.80	-5.35	-5.22	-8.01	-5.72	-7.79	-6.11	0.00	-3.51	-1.73	-0.01	-0.01
NYPA____HOLTSVILL 23794	16.47	14.90	13.85	13.85	15.13	16.42	25.40	30.29	28.50	24.84	23.95	21.80	20.41	20.30	20.66	22.18	25.67	34.02	43.04	41.60	33.42	28.55	22.09	19.20
	1.40	1.02	0.84	0.82	0.80	1.32	1.75	1.99	1.79	1.91	1.68	1.64	1.68	1.63	1.71	2.00	2.32	2.80	3.68	4.35	2.84	2.57	2.38	1.81
	-1.43	-3.12	-3.19	-3.19	-4.50	-0.27	-5.39	-6.94	-6.60	-3.68	-5.10	-2.90	-1.90	-1.48	-2.25	-2.35	-3.37	-7.84	-7.40	-0.02	-6.30	-4.39	-0.02	-0.01
NYPA____HELLGATE_GT1 24158	16.03	14.63	13.69	13.68	14.98	16.07	24.92	29.91	28.24	24.41	23.61	21.51	20.04	20.04	20.29	21.62	24.88	32.97	40.48	39.86	29.47	25.00	21.20	18.47
	0.95	0.74	0.68	0.65	0.65	0.98	1.28	1.60	1.53	1.48	1.34	1.35	1.31	1.38	1.34	1.44	1.56	1.82	2.40	2.64	1.67	1.69	1.52	1.08
	-1.44	-3.12	-3.20	-3.20	-4.50	-0.26	-5.39	-6.94	-6.61	-3.67	-5.10	-2.89	-1.90	-1.47	-2.24	-2.35	-3.34	-7.78	-6.10	0.01	-3.51	-1.71	0.01	-0.01
NYPA____HELLGATE_GT2 24159	16.03	14.63	13.69	13.68	14.98	16.07	24.92	29.91	28.24	24.41	23.61	21.51	20.04	20.04	20.29	21.62	24.88	32.97	40.48	39.86	29.47	25.00	21.20	18.47
	0.95	0.74	0.68	0.65	0.65	0.98	1.28	1.60	1.53	1.48	1.34	1.35	1.31	1.38	1.34	1.44	1.56	1.82	2.40	2.64	1.67	1.69	1.52	1.08
	-1.44	-3.12	-3.20	-3.20	-4.50	-0.26	-5.39	-6.94	-6.61	-3.67	-5.10	-2.89	-1.90	-1.47	-2.24	-2.35	-3.34	-7.78	-6.10	0.01	-3.51	-1.71	0.01	-0.01
NYS_BARGE____HYD 23848	13.37	10.93	10.02	10.03	10.08	14.41	17.76	19.20	18.62	17.67	15.81	16.02	15.80	15.95	15.49	16.58	18.40	22.20	29.51	34.47	22.93	20.48	18.71	16.84
	-0.48	-0.29	-0.26	-0.28	-0.41	-0.46	-0.95	-1.52	-1.49	-1.64	-1.36	-1.24	-1.03	-1.24	-1.24	-1.25	-1.58	-1.50	-2.46	-2.75	-1.51	-1.19	-0.98	-0.54
	-0.21	-0.46	-0.47	-0.47	-0.66	-0.04	-0.46	0.65	0.00	-0.05	0.00	0.00	0.00	0.00	-0.02	0.00	0.00	-0.32	0.00	0.00	-0.15	-0.07	0.00	0.00
OAK ORCHARD____HYD 24046	13.72	11.09	10.17	10.17	10.27	14.78	18.44	21.17	19.65	18.70	16.69	16.85	16.45	16.71	16.25	17.37	19.34	23.14	31.21	36.40	23.89	21.23	19.26	17.15
	-0.08	-0.04	-0.02	-0.04	-0.09	-0.09	-0.18	-0.34	-0.46	-0.60	-0.48	-0.41	-0.37	-0.48	-0.47	-0.46	-0.64	-0.49	-0.77	-0.82	-0.51	-0.43	-0.43	-0.23
	-0.17	-0.37	-0.37	-0.37	-0.53	-0.03	-0.37	-0.14	0.00	-0.04	0.00	0.00	0.00	0.00	-0.01	0.00	0.00	-0.26	0.00	0.00	-0.12	-0.06	0.00	0.00
OAKDALE__35_KV_LOAD 356122	14.21	11.84	10.91	10.93	11.32	15.11	19.36	21.86	20.33	19.45	17.05	17.20	16.79	17.12	16.68	17.62	19.72	25.75	31.75	37.07	25.30	22.10	19.53	17.45
	0.12	0.10	0.09	0.09	0.08	0.19	0.13	0.11	0.22	-0.17	-0.12	-0.07	-0.03	-0.07	-0.15	-0.21	-0.30	-0.09	-0.22	-0.15	-0.10	-0.04	-0.16	0.07
	-0.45	-0.98	-1.00	-1.00	-1.41	-0.08	-0.98	-0.39	0.00	-0.37	0.00	0.00	0.00	0.00	-0.12	0.00	-0.04	-2.47	0.00	0.00	-1.11	-0.55	0.00	0.00
OCC_CHEM____DRP 24175	13.17	10.79	9.88	9.88	9.95	14.15	17.53	19.02	18.30	17.51	15.59	15.85	15.48	15.80	15.33	16.23	18.00	22.56	28.74	33.54	22.79	20.20	18.31	16.51
	-0.68	-0.45	-0.42	-0.44	-0.57	-0.73	-1.20	-1.60	-1.81	-1.93	-1.58	-1.42	-1.35	-1.39	-1.44	-1.60	-2.00	-2.01	-3.23	-3.68	-2.04	-1.66	-1.38	-0.87
	-0.22	-0.48	-0.49	-0.49	-0.69	-0.04	-0.48	0.74	0.00	-0.18	0.00	0.00	0.00	0.00	-0.06	0.00	-0.02	-1.20	0.00	0.00	-0.54	-0.27	0.00	0.00
OH_GEN_PROXY 24063	13.32	10.89	9.99	9.99	10.07	14.33	17.76	19.17	18.54	17.63	15.76	15.95	15.75	15.90	15.42	16.49	18.44	21.94	29.26	34.17	22.76	20.33	18.59	16.74
	-0.53	-0.34	-0.31	-0.33	-0.44	-0.55	-0.97	-1.56	-1.57	-1.68	-1.41	-1.31	-1.08	-1.29	-1.30	-1.34	-1.68	-1.64	-2.72	-3.05	-1.68	-1.34	-1.10	-0.64
	-0.22	-0.47	-0.48	-0.48	-0.68	-0.04	-0.47	0.64	0.00	-0.05	0.00	0.00	0.00	0.00	-0.02	0.00	-0.14	-0.20	0.00	0.00	-0.15	-0.07	0.00	0.00
OLIN_CORP_DRP 24177	13.24	10.84	9.94	9.95	10.00	14.24	17.58	18.74	18.42	17.61	15.67	15.94	15.56	15.88	15.41	16.32	18.12	22.71	28.97	33.80	22.94	20.33	18.43	16.61
	-0.61	-0.40	-0.36	-0.37	-0.52	-0.64	-1.15	-1.88	-1.69	-1.83	-1.49	-1.33	-1.26	-1.31	-1.35	-1.52	-1.88	-1.87	-3.01	-3.42	-1.89	-1.53	-1.26	-0.76
	-0.22	-0.48	-0.49	-0.49	-0.69	-0.04	-0.48	0.74	0.00	-0.18	0.00	0.00	0.00	0.00	-0.06	0.00	-0.02	-1.21	0.00	0.00	-0.54	-0.27	0.00	0.00
OLIN_CORP_DSASP 323712	13.17	10.79	9.88	9.88	9.95	14.15	17.52	19.09	18.20	17.30	15.47	15.68	15.48	15.64	15.17	16.23	17.99	21.70	28.75	33.53	22.40	20.01	18.31	16.51
	-0.68	-0.45	-0.42	-0.44	-0.57	-0.73	-1.21	-1.54	-1.91	-2.00	-1.70	-1.59	-1.35	-1.55	-1.55	-1.60	-2.00	-2.01	-3.23	-3.69	-2.04	-1.66	-1.38	-0.87
	-0.22	-0.48	-0.49	-0.49	-0.69	-0.04	-0.48	0.74	0.00	-0.05	0.00	0.00	0.00	0.00	-0.02	0.00	-0.01	-0.34	0.00	0.00	-0.15	-0.07	0.00	0.00

ONEIDA_HERK_LFGE 323681	13.93 0.25 -0.05	11.04 0.16 -0.11	10.07 0.14 -0.11	10.07 0.12 -0.11	10.14 0.15 -0.16	15.04 0.19 -0.01	18.62 0.26 -0.11	21.81 0.40 -0.04	20.45 0.34 0.00	19.53 0.27 0.00	17.44 0.27 0.00	17.49 0.22 0.00	17.03 0.20 0.00	17.40 0.21 0.00	16.86 0.15 0.00	18.03 0.20 0.00	20.16 0.18 0.00	23.82 0.44 0.00	32.77 0.80 0.00	38.23 1.01 0.00	24.89 0.61 0.00	22.07 0.47 0.00	19.99 0.30 0.00	17.67 0.30 0.00
ONEIDA___115KV_TB4 55905	14.10 0.38 -0.09	11.22 0.27 -0.19	10.26 0.25 -0.20	10.28 0.25 -0.19	10.37 0.27 -0.27	15.25 0.40 -0.02	18.94 0.49 -0.19	22.06 0.62 -0.08	20.69 0.58 0.00	19.83 0.50 -0.07	17.63 0.46 0.00	17.70 0.43 0.00	17.24 0.42 0.00	17.60 0.41 0.00	17.07 0.33 -0.02	18.21 0.37 0.00	20.35 0.36 -0.01	24.46 0.61 -0.48	32.90 0.93 0.00	38.34 1.12 0.00	25.21 0.70 -0.22	22.29 0.58 -0.11	20.07 0.37 0.00	17.80 0.42 0.00
ONONDAGA_REF_OCCRA 23987	13.83 0.04 -0.16	11.12 0.02 -0.34	10.19 0.03 -0.35	10.22 0.03 -0.35	10.36 0.04 -0.49	14.95 0.09 -0.03	18.68 0.09 -0.34	21.58 0.09 -0.13	20.21 0.10 0.00	19.36 -0.02 -0.13	17.17 0.00 0.00	17.28 0.02 0.00	16.84 0.02 0.00	17.17 -0.02 0.00	16.70 -0.05 -0.04	17.74 -0.09 0.00	19.85 -0.14 -0.01	24.23 0.00 -0.86	31.94 -0.03 0.00	37.22 0.00 0.00	24.62 -0.05 -0.39	21.75 -0.04 -0.19	19.53 -0.16 0.00	17.38 0.00 0.00
ONONDAGA___COGEN 23986	13.90 0.12 -0.14	11.16 0.09 -0.31	10.24 0.10 -0.32	10.25 0.09 -0.32	10.39 0.11 -0.45	15.05 0.19 -0.03	18.79 0.22 -0.31	21.72 0.23 -0.12	20.31 0.20 0.00	19.51 0.13 -0.12	17.29 0.12 0.00	17.40 0.14 0.00	16.96 0.13 0.00	17.29 0.10 0.00	16.81 0.07 -0.04	17.85 0.02 0.00	19.99 0.00 -0.01	24.33 0.16 -0.79	32.17 0.19 0.00	37.48 0.26 0.00	24.74 0.10 -0.36	21.88 0.11 -0.17	19.65 -0.04 0.00	17.48 0.10 0.00
ONTARIO___LFGE 23819	13.92 0.08 -0.20	11.26 0.05 -0.44	10.34 0.07 -0.45	10.35 0.06 -0.45	10.54 0.07 -0.63	15.09 0.22 -0.04	18.88 0.18 -0.44	22.20 0.19 -0.65	20.29 0.18 0.00	19.30 0.00 -0.05	17.17 0.00 0.00	17.32 0.05 0.00	16.91 0.08 0.00	17.14 -0.05 0.00	16.63 -0.10 -0.01	17.74 -0.09 0.00	19.86 -0.12 0.00	23.87 0.19 -0.32	32.01 0.03 0.00	37.37 0.15 0.00	24.55 0.12 -0.14	21.78 0.11 -0.07	19.61 -0.08 0.00	17.50 0.12 0.00
ORANGEVILLE_WT_PWR 323706	13.42 -0.48 -0.26	11.01 -0.32 -0.57	10.09 -0.30 -0.58	10.10 -0.32 -0.58	10.24 -0.41 -0.82	14.50 -0.39 -0.05	17.96 -0.86 -0.57	17.02 -1.28 3.06	18.96 -1.15 0.00	18.01 -1.31 -0.06	16.05 -1.12 0.00	16.25 -1.02 0.00	15.98 -0.84 0.00	16.16 -1.03 0.00	15.66 -1.07 -0.02	16.76 -1.07 0.00	18.73 -1.26 -0.01	22.70 -1.07 -0.40	30.18 -1.79 0.00	35.36 -1.86 0.00	23.47 -1.00 -0.18	20.91 -0.78 -0.09	18.96 -0.73 0.00	17.08 -0.30 0.00
ORANGEVILLE___ESR 323794	13.42 -0.48 -0.26	11.01 -0.32 -0.57	10.09 -0.30 -0.58	10.10 -0.32 -0.58	10.24 -0.41 -0.82	14.50 -0.39 -0.05	17.96 -0.86 -0.57	17.02 -1.28 3.06	18.96 -1.15 0.00	18.01 -1.31 -0.06	16.05 -1.12 0.00	16.25 -1.02 0.00	15.98 -0.84 0.00	16.16 -1.03 0.00	15.66 -1.07 -0.02	16.76 -1.07 0.00	18.73 -1.26 -0.01	22.70 -1.07 -0.40	30.18 -1.79 0.00	35.36 -1.86 0.00	23.47 -1.00 -0.18	20.91 -0.78 -0.09	18.96 -0.73 0.00	17.08 -0.30 0.00
OSWEGATCHIE___HYD 24044	13.53 -0.15 -0.04	10.72 -0.13 -0.09	9.78 -0.13 -0.09	9.78 -0.15 -0.09	9.83 -0.13 -0.13	14.59 -0.25 -0.01	18.11 -0.24 -0.09	21.12 -0.28 -0.04	19.83 -0.28 0.00	18.95 -0.31 0.00	16.94 -0.22 0.00	17.01 -0.26 0.00	16.52 -0.30 0.00	16.88 -0.31 0.00	16.39 -0.32 0.00	17.53 -0.30 0.00	19.64 -0.34 0.00	23.09 -0.28 0.00	31.85 -0.13 0.00	37.22 0.00 0.00	24.17 -0.12 0.00	21.49 -0.11 0.00	19.57 -0.12 0.00	17.28 -0.10 0.00
OSWEGO___5 23606	13.53 -0.20 -0.10	10.82 -0.16 -0.22	9.90 -0.15 -0.22	9.92 -0.15 -0.22	10.00 -0.15 -0.32	14.65 -0.21 -0.02	18.20 -0.27 -0.22	21.15 -0.30 -0.09	19.79 -0.32 0.00	18.89 -0.38 -0.02	16.84 -0.33 0.00	16.94 -0.33 0.00	16.52 -0.30 0.00	16.85 -0.34 0.00	16.37 -0.35 -0.01	17.42 -0.41 0.00	19.48 -0.50 0.00	23.03 -0.49 -0.15	31.27 -0.70 0.00	36.44 -0.78 0.00	23.82 -0.53 -0.07	21.18 -0.45 -0.03	19.22 -0.47 0.00	17.08 -0.30 0.00
OSWEGO___6 23613	13.53 -0.20 -0.10	10.82 -0.16 -0.22	9.90 -0.15 -0.22	9.92 -0.15 -0.22	10.00 -0.15 -0.32	14.65 -0.21 -0.02	18.20 -0.27 -0.22	21.15 -0.30 -0.09	19.79 -0.32 0.00	18.89 -0.38 -0.02	16.84 -0.33 0.00	16.94 -0.33 0.00	16.52 -0.30 0.00	16.85 -0.34 0.00	16.37 -0.35 -0.01	17.42 -0.41 0.00	19.48 -0.50 0.00	23.03 -0.49 -0.15	31.27 -0.70 0.00	36.44 -0.78 0.00	23.82 -0.53 -0.07	21.18 -0.45 -0.03	19.22 -0.47 0.00	17.08 -0.30 0.00
OUTOKUMPU-AB___DRP 24206	13.42 -0.44 -0.22	11.00 -0.25 -0.48	10.07 -0.25 -0.49	10.07 -0.27 -0.49	10.13 -0.39 -0.69	14.47 -0.40 -0.04	17.84 -0.89 -0.48	19.20 -1.39 0.77	18.82 -1.29 0.00	17.99 -1.44 -0.18	16.00 -1.17 0.00	16.30 -0.97 0.00	15.90 -0.93 0.00	16.23 -0.96 0.00	15.76 -1.00 -0.06	16.67 -1.16 0.00	18.54 -1.46 -0.02	23.23 -1.36 -1.21	29.67 -2.30 0.00	34.69 -2.53 0.00	23.52 -1.31 -0.55	20.85 -1.02 -0.27	18.85 -0.85 0.00	17.00 -0.38 0.00
OXBOW___ 24026	13.32 -0.53 -0.22	10.92 -0.32 -0.48	9.99 -0.31 -0.49	9.99 -0.33 -0.49	10.06 -0.46 -0.69	14.34 -0.53 -0.04	17.71 -1.02 -0.48	19.22 -1.39 0.76	18.50 -1.61 0.00	17.57 -1.73 -0.05	15.71 -1.46 0.00	15.94 -1.33 0.00	15.73 -1.09 0.00	15.88 -1.31 0.00	15.42 -1.30 -0.02	16.49 -1.34 0.00	18.31 -1.68 -0.01	22.10 -1.61 -0.34	29.29 -2.69 0.00	34.21 -3.01 0.00	22.81 -1.63 -0.15	20.40 -1.27 -0.07	18.63 -1.06 0.00	16.79 -0.59 0.00
OXY_CHEM_DSASP 323612	13.17 -0.68 -0.22	10.79 -0.45 -0.48	9.88 -0.42 -0.49	9.88 -0.44 -0.49	9.95 -0.57 -0.69	14.15 -0.73 -0.04	17.53 -1.20 -0.48	19.02 -1.60 0.74	18.30 -1.81 0.00	17.51 -1.93 -0.18	15.59 -1.58 0.00	15.85 -1.42 0.00	15.48 -1.35 0.00	15.80 -1.39 0.00	15.33 -1.44 -0.06	16.23 -1.60 0.00	18.00 -2.00 -0.02	22.56 -2.01 -1.20	28.74 -3.23 0.00	33.54 -3.68 0.00	22.79 -2.04 -0.54	20.20 -1.66 -0.27	18.31 -1.38 0.00	16.51 -0.87 0.00
OZONE_PARK_ESR 323760	16.13 1.06 -1.43	14.71 0.83 -3.12	13.75 0.75 -3.19	13.75 0.72 -3.19	15.05 0.73 -4.49	16.20 1.10 -0.27	25.09 1.44 -5.40	30.13 1.82 -6.95	28.43 1.71 -6.61	24.54 1.68 -3.61	23.77 1.49 -5.11	21.67 1.50 -2.90	20.18 1.45 -1.91	20.17 1.50 -1.48	20.41 1.47 -2.23	21.78 1.59 -2.36	25.06 1.74 -3.34	32.75 2.10 -7.28	40.90 2.81 -6.11	40.42 3.20 0.00	29.61 2.04 -3.28	25.11 1.90 -1.61	21.39 1.69 0.00	18.60 1.22 0.00
PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	13.17 -0.68 -0.22	10.79 -0.45 -0.48	9.88 -0.42 -0.49	9.88 -0.44 -0.49	9.95 -0.57 -0.69	14.15 -0.73 -0.04	17.53 -1.20 -0.48	19.02 -1.60 0.74	18.30 -1.81 0.00	17.51 -1.93 -0.18	15.59 -1.58 0.00	15.85 -1.42 0.00	15.48 -1.35 0.00	15.80 -1.39 0.00	15.33 -1.44 -0.06	16.23 -1.60 0.00	18.00 -2.00 -0.02	22.56 -2.01 -1.20	28.74 -3.23 0.00	33.54 -3.68 0.00	22.79 -2.04 -0.54	20.20 -1.66 -0.27	18.31 -1.38 0.00	16.51 -0.87 0.00

PACKARD__115KV_DUPONT_184 80571	13.17 -0.68 -0.22	10.79 -0.45 -0.48	9.88 -0.42 -0.49	9.88 -0.44 -0.49	9.95 -0.57 -0.69	14.15 -0.73 -0.04	17.53 -1.20 -0.48	19.02 -1.60 0.74	18.30 -1.81 0.00	17.51 -1.93 -0.18	15.59 -1.58 0.00	15.85 -1.42 0.00	15.48 -1.35 0.00	15.80 -1.39 0.00	15.33 -1.44 -0.06	16.23 -1.60 0.00	18.00 -2.00 -0.02	22.56 -2.01 -1.20	28.74 -3.23 0.00	33.54 -3.68 0.00	22.79 -2.04 -0.54	20.20 -1.66 -0.27	18.31 -1.38 0.00	16.51 -0.87 0.00
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	16.03 0.97 -1.43	14.63 0.75 -3.12	13.70 0.69 -3.19	13.69 0.66 -3.19	14.99 0.66 -4.49	16.08 0.99 -0.25	24.95 1.31 -5.38	29.92 1.62 -6.93	28.26 1.55 -6.61	24.38 1.52 -3.60	23.63 1.36 -5.10	21.52 1.36 -2.89	20.05 1.33 -1.90	20.04 1.38 -1.47	20.26 1.34 -2.22	21.62 1.44 -2.35	24.91 1.60 -3.34	32.53 1.89 -7.26	40.58 2.49 -6.11	39.97 2.75 0.00	29.32 1.75 -3.28	24.92 1.73 -1.59	21.21 1.54 0.02	18.47 1.09 0.00
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	16.17 1.10 -1.43	14.74 0.86 -3.12	13.79 0.79 -3.19	13.77 0.75 -3.19	15.08 0.76 -4.49	16.23 1.14 -0.25	25.11 1.48 -5.38	30.15 1.86 -6.93	28.44 1.73 -6.61	24.55 1.69 -3.60	23.78 1.51 -5.10	21.68 1.52 -2.89	20.19 1.46 -1.90	20.16 1.50 -1.47	20.40 1.47 -2.22	21.77 1.59 -2.35	25.05 1.74 -3.34	32.71 2.08 -7.26	40.83 2.75 -6.11	40.31 3.09 0.00	29.52 1.94 -3.28	25.11 1.92 -1.59	21.39 1.71 0.02	18.63 1.25 0.00
PATROON__115KV_TB1 80586	15.79 0.30 -1.85	15.07 0.27 -4.04	14.20 0.25 -4.13	14.21 0.25 -4.13	15.87 0.22 -5.82	15.57 0.39 -0.35	23.76 0.42 -5.09	25.87 0.58 -3.93	23.48 0.50 -2.87	22.14 0.46 -2.42	19.74 0.39 -2.18	18.86 0.36 -1.24	18.07 0.44 -0.81	18.27 0.45 -0.63	18.35 0.42 -1.23	19.35 0.52 -1.00	22.09 0.60 -1.52	33.12 0.72 -9.02	35.57 0.99 -2.61	38.30 1.08 0.00	29.14 0.78 -4.07	24.26 0.67 -1.99	20.18 0.49 0.00	17.73 0.35 0.00
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	13.21 -0.67 -0.24	10.85 -0.43 -0.52	9.92 -0.43 -0.53	9.93 -0.44 -0.53	10.02 -0.56 -0.75	14.54 -0.34 -0.04	17.60 -1.17 -0.52	18.79 -1.77 0.80	19.20 -0.90 0.00	18.37 -1.08 -0.20	16.31 -0.86 0.00	16.59 -0.67 0.00	16.24 -0.59 0.00	16.56 -0.64 0.00	16.07 -0.70 -0.06	16.98 -0.86 0.00	18.90 -1.10 -0.02	23.79 -0.89 -1.31	30.38 -1.60 0.00	35.58 -1.64 0.00	24.10 -0.78 -0.59	21.31 -0.58 -0.29	19.20 -0.49 0.00	17.40 0.02 0.00
PAWLING_115_KV_BK3_REV_LBMP_H 345028	16.12 1.01 -1.47	14.73 0.75 -3.21	13.77 0.67 -3.29	13.79 0.67 -3.28	15.13 0.67 -4.63	16.09 0.98 -0.28	24.84 1.30 -5.29	29.53 1.71 -6.46	27.82 1.69 -6.03	24.31 1.66 -3.40	23.25 1.44 -4.64	21.30 1.40 -2.64	19.75 1.19 -1.73	19.74 1.20 -1.34	19.97 1.20 -2.06	21.29 1.32 -2.14	24.53 1.50 -3.05	32.65 1.85 -7.43	40.46 2.94 -5.55	40.64 3.42 0.00	29.88 2.23 -3.35	25.14 1.90 -1.64	21.27 1.58 0.00	18.56 1.18 0.00
PEEKSKILL____ 23653	15.90 0.87 -1.39	14.47 0.68 -3.03	13.52 0.60 -3.10	13.53 0.59 -3.10	14.79 0.59 -4.37	15.98 0.89 -0.26	24.87 1.15 -5.47	30.17 1.47 -7.33	28.56 1.37 -7.08	24.45 1.35 -3.84	23.85 1.20 -5.48	21.57 1.19 -3.11	20.01 1.14 -2.04	19.96 1.19 -1.59	20.26 1.17 -2.38	21.62 1.27 -2.53	24.96 1.40 -3.58	32.71 1.71 -7.63	40.86 2.33 -6.55	39.90 2.68 0.00	29.48 1.75 -3.45	24.86 1.58 -1.69	21.05 1.36 0.00	18.37 0.99 0.00
PGE MADISON__WINDPWR 24146	15.07 0.98 -0.45	12.47 0.72 -0.99	11.46 0.63 -1.01	11.51 0.66 -1.01	11.97 0.71 -1.43	15.94 1.02 -0.08	20.50 1.26 -0.99	23.58 1.67 -0.55	21.60 1.49 0.00	20.60 1.12 -0.23	18.28 1.12 0.00	18.32 1.05 0.00	17.90 1.08 0.00	18.22 1.03 0.00	17.65 0.87 -0.07	18.85 1.02 0.00	21.02 1.02 -0.02	26.64 1.73 -1.54	34.63 2.65 0.00	40.38 3.16 0.00	26.98 1.99 -0.70	23.60 1.66 -0.34	20.83 1.14 0.00	18.51 1.13 0.00
PIERCEFIELD____HYD 23852	13.32 -0.31 0.00	10.54 -0.23 0.00	9.60 -0.22 0.00	9.62 -0.22 0.00	9.64 -0.20 0.00	14.46 -0.37 0.00	17.89 -0.37 0.00	20.94 -0.43 0.00	19.71 -0.40 0.00	18.87 -0.39 0.00	16.84 -0.33 0.00	16.92 -0.35 0.00	16.45 -0.37 0.00	16.80 -0.40 0.00	16.36 -0.35 0.00	17.47 -0.36 0.00	19.60 -0.38 0.00	22.74 -0.63 0.00	31.37 -0.61 0.00	36.62 -0.60 0.00	23.80 -0.49 0.00	21.21 -0.39 0.00	19.48 -0.22 0.00	17.17 -0.21 0.00
PINELAWN_CC_1 323563	16.33 1.27 -1.43	14.80 0.91 -3.12	13.78 0.77 -3.19	13.77 0.74 -3.19	15.05 0.72 -4.50	16.29 1.19 -0.27	25.25 1.61 -5.39	30.12 1.81 -6.94	28.42 1.71 -6.60	24.73 1.79 -3.68	23.88 1.61 -5.10	21.73 1.57 -2.90	20.34 1.62 -1.90	20.23 1.56 -1.48	20.58 1.62 -2.25	22.06 1.87 -2.35	25.53 2.18 -3.37	33.83 2.62 -7.84	42.79 3.49 -7.33	41.29 4.06 -0.01	33.23 2.65 -6.30	28.38 2.40 -4.38	21.91 2.21 -0.02	19.02 1.63 -0.01
PJM_GEN_HTP_PROXY 323702	16.05 0.98 -1.43	14.64 0.76 -3.12	13.70 0.69 -3.19	13.70 0.67 -3.19	15.00 0.67 -4.49	16.11 1.01 -0.27	24.98 1.33 -5.40	29.98 1.67 -6.95	28.29 1.57 -6.61	24.46 1.52 -3.68	23.65 1.37 -5.11	21.55 1.38 -2.90	20.06 1.33 -1.91	20.08 1.41 -1.48	20.33 1.37 -2.25	21.65 1.46 -2.36	25.06 1.60 -3.48	32.94 1.92 -7.65	40.61 2.53 -6.11	40.13 2.91 0.00	29.67 1.87 -3.51	25.07 1.75 -1.72	21.25 1.56 0.00	18.49 1.11 0.00
PJM_GEN_KEystone 24065	14.66 0.19 -0.83	12.75 0.17 -1.81	11.66 0.10 -1.74	11.66 0.08 -1.74	12.33 0.04 -2.46	15.17 0.19 -0.15	21.30 0.04 -3.01	24.96 -0.06 -3.66	23.91 0.06 -3.74	21.29 -0.02 -2.05	20.19 0.02 -3.00	19.04 0.07 -1.71	18.13 0.19 -1.12	18.13 0.07 -0.87	18.03 0.03 -1.29	19.27 0.05 -1.39	22.05 -0.02 -2.09	27.26 0.21 -3.68	35.66 0.10 -3.59	37.41 0.19 0.00	26.25 0.24 -1.72	22.72 0.28 -0.84	19.93 0.24 0.00	17.71 0.33 0.00
PJM_GEN_NEPTUNE_PROXY 323594	16.09 1.02 -1.43	14.61 0.73 -3.12	13.62 0.61 -3.19	13.62 0.59 -3.19	14.90 0.57 -4.50	16.04 0.94 -0.27	24.92 1.28 -5.39	29.74 1.43 -6.94	28.10 1.39 -6.60	24.42 1.48 -3.68	23.61 1.34 -5.10	21.47 1.31 -2.90	20.06 1.33 -1.90	19.97 1.31 -1.48	20.29 1.34 -2.25	21.73 1.55 -2.35	25.25 1.78 -3.49	33.18 2.10 -7.70	42.11 2.81 -7.32	40.46 3.24 -0.01	32.69 2.11 -6.29	27.92 1.94 -4.38	21.49 1.79 -0.01	18.65 1.27 0.00
PJM_GEN_VFT_PROXY 323633	15.98 0.91 -1.43	14.61 0.73 -3.12	13.67 0.66 -3.19	13.66 0.63 -3.19	14.95 0.62 -4.49	16.05 0.95 -0.27	24.91 1.26 -5.40	29.89 1.58 -6.95	28.21 1.49 -6.61	24.40 1.46 -3.68	23.58 1.30 -5.11	21.50 1.33 -2.90	20.01 1.28 -1.91	20.01 1.34 -1.48	20.28 1.32 -2.25	21.60 1.41 -2.36	24.98 1.52 -3.48	32.85 1.82 -7.65	40.45 2.37 -6.11	39.94 2.72 0.00	29.57 1.77 -3.51	24.98 1.66 -1.72	21.17 1.48 0.00	18.40 1.03 0.00
PLATSBRG_115KV_PMLD1 355749	12.87 -0.76 0.00	10.28 -0.48 0.00	9.38 -0.44 0.00	9.39 -0.45 0.00	9.38 -0.45 0.00	14.06 -0.77 0.00	17.45 -0.80 0.00	20.49 -0.88 0.00	19.30 -0.80 0.00	18.51 -0.75 0.00	16.48 -0.69 0.00	16.61 -0.66 0.00	16.24 -0.59 0.00	16.62 -0.57 0.00	16.28 -0.43 0.00	17.44 -0.39 0.00	19.80 -0.18 0.00	23.14 -0.23 0.00	31.97 0.00 0.00	37.29 0.07 0.00	24.09 -0.19 0.00	21.30 -0.30 0.00	19.50 -0.20 0.00	17.22 -0.16 0.00

PLEASANTVLY___LBMP 24000	15.96 0.78 -1.55	14.74 0.60 -3.38	13.81 0.54 -3.45	13.81 0.52 -3.45	15.22 0.52 -4.87	15.92 0.80 -0.29	24.43 1.00 -5.18	28.40 1.26 -5.77	26.49 1.19 -5.19	23.57 1.19 -3.12	22.20 1.05 -3.99	20.56 1.04 -2.26	19.32 1.01 -1.49	19.39 1.05 -1.15	19.58 1.04 -1.83	20.79 1.12 -1.84	23.90 1.28 -2.64	32.64 1.52 -7.75	38.79 2.05 -4.77	39.53 2.31 0.00	29.32 1.53 -3.50	24.72 1.40 -1.71	20.89 1.20 0.00	18.25 0.87 0.00
PLSNTVLE_13_KV_13.8KVDIST 80602	16.01 0.91 -1.46	14.66 0.71 -3.19	13.72 0.64 -3.26	13.72 0.62 -3.26	15.05 0.62 -4.60	16.04 0.93 -0.27	24.79 1.20 -5.33	29.51 1.52 -6.63	27.76 1.43 -6.22	24.16 1.42 -3.47	23.24 1.27 -4.80	21.25 1.26 -2.73	19.83 1.21 -1.79	19.84 1.25 -1.39	20.05 1.22 -2.12	21.38 1.34 -2.21	24.63 1.50 -3.15	32.58 1.80 -7.41	40.15 2.43 -5.74	39.97 2.75 0.00	29.40 1.77 -3.34	24.86 1.62 -1.64	21.11 1.42 0.00	18.40 1.03 0.00
PLSNTVLE_13_KV_13KVDSA_REV_LBMP_I 345020	16.01 0.91 -1.46	14.66 0.71 -3.19	13.72 0.64 -3.26	13.72 0.62 -3.26	15.05 0.62 -4.60	16.04 0.93 -0.27	24.79 1.20 -5.33	29.51 1.52 -6.63	27.76 1.43 -6.22	24.16 1.42 -3.47	23.24 1.27 -4.80	21.25 1.26 -2.73	19.83 1.21 -1.79	19.84 1.25 -1.39	20.05 1.22 -2.12	21.38 1.34 -2.21	24.63 1.50 -3.15	32.58 1.80 -7.41	40.15 2.43 -5.74	39.97 2.75 0.00	29.40 1.77 -3.34	24.86 1.62 -1.64	21.11 1.42 0.00	18.40 1.03 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	15.96 0.83 -1.50	14.67 0.65 -3.26	13.72 0.56 -3.34	13.73 0.55 -3.34	15.11 0.57 -4.71	15.94 0.83 -0.28	24.54 1.06 -5.23	28.83 1.35 -6.12	26.97 1.25 -5.62	23.71 1.23 -3.22	22.46 1.08 -4.21	20.71 1.05 -2.39	19.41 1.01 -1.57	19.46 1.05 -1.22	19.66 1.04 -1.91	20.90 1.12 -1.94	24.06 1.30 -2.78	32.59 1.59 -7.62	39.19 2.17 -5.04	39.71 2.49 0.00	29.36 1.63 -3.44	24.75 1.47 -1.68	20.93 1.24 0.00	18.28 0.90 0.00
POLETTI____ 23519	16.02 0.95 -1.43	14.63 0.75 -3.12	13.70 0.69 -3.19	13.69 0.66 -3.19	14.98 0.65 -4.49	16.10 0.99 -0.27	24.94 1.30 -5.40	29.94 1.62 -6.95	28.25 1.53 -6.61	24.37 1.50 -3.61	23.62 1.34 -5.11	21.51 1.35 -2.90	20.04 1.31 -1.91	20.03 1.36 -1.48	20.26 1.32 -2.23	21.61 1.43 -2.36	24.88 1.56 -3.34	32.52 1.87 -7.28	40.55 2.46 -6.11	40.05 2.83 0.00	29.37 1.80 -3.28	24.91 1.71 -1.61	21.21 1.52 0.00	18.46 1.08 0.00
POMONA___ESR 323819	15.82 0.87 -1.31	14.28 0.67 -2.85	13.33 0.60 -2.92	13.34 0.58 -2.91	14.53 0.59 -4.11	15.95 0.87 -0.24	25.14 1.13 -5.75	31.29 1.43 -8.50	29.90 1.33 -8.46	24.91 1.33 -4.33	24.92 1.18 -6.56	22.17 1.17 -3.73	20.42 1.14 -2.45	20.28 1.19 -1.90	20.63 1.15 -2.76	22.11 1.25 -3.03	25.64 1.40 -4.26	32.39 1.71 -7.31	42.15 2.33 -7.85	39.90 2.68 0.00	29.31 1.72 -3.30	24.77 1.56 -1.62	21.05 1.36 0.00	18.35 0.97 0.00
PORT_JEFF_3 23555	16.50 1.43 -1.43	14.91 1.03 -3.12	13.86 0.85 -3.19	13.86 0.83 -3.19	15.14 0.81 -4.50	16.44 1.34 -0.27	25.44 1.79 -5.39	30.33 2.03 -6.94	28.54 1.83 -6.60	24.88 1.94 -3.68	23.99 1.72 -5.10	21.84 1.67 -2.90	20.44 1.72 -1.90	20.33 1.67 -1.48	20.69 1.74 -2.25	22.22 2.03 -2.35	25.73 2.38 -3.37	34.09 2.87 -7.84	43.18 3.80 -7.40	41.71 4.46 -0.03	33.50 2.91 -6.30	28.60 2.61 -4.39	22.13 2.42 -0.02	19.23 1.84 -0.01
PORT_JEFF_4 23616	16.50 1.43 -1.43	14.91 1.03 -3.12	13.86 0.85 -3.19	13.86 0.83 -3.19	15.14 0.81 -4.50	16.44 1.34 -0.27	25.44 1.79 -5.39	30.33 2.03 -6.94	28.54 1.83 -6.60	24.88 1.94 -3.68	23.99 1.72 -5.10	21.84 1.67 -2.90	20.44 1.72 -1.90	20.33 1.67 -1.48	20.69 1.74 -2.25	22.22 2.03 -2.35	25.73 2.38 -3.37	34.09 2.87 -7.84	43.18 3.80 -7.40	41.71 4.46 -0.03	33.50 2.91 -6.30	28.60 2.61 -4.39	22.13 2.42 -0.02	19.23 1.84 -0.01
PORT_JEFF_IC 23713	16.51 1.44 -1.43	14.93 1.04 -3.12	13.87 0.86 -3.19	13.86 0.84 -3.19	15.14 0.82 -4.50	16.45 1.35 -0.27	25.45 1.81 -5.39	30.35 2.05 -6.94	28.56 1.85 -6.60	24.90 1.97 -3.68	24.00 1.73 -5.10	21.84 1.67 -2.90	20.46 1.73 -1.90	20.35 1.69 -1.48	20.71 1.75 -2.25	22.23 2.05 -2.35	25.75 2.40 -3.37	34.13 2.92 -7.84	43.25 3.87 -7.41	41.79 4.54 -0.03	33.55 2.96 -6.30	28.62 2.63 -4.39	22.17 2.46 -0.02	19.25 1.86 -0.01
PPL PILGRIM_ST_GT1 24216	16.53 1.46 -1.43	14.95 1.07 -3.12	13.89 0.88 -3.19	13.88 0.86 -3.19	15.16 0.84 -4.50	16.48 1.38 -0.27	25.47 1.83 -5.39	30.40 2.09 -6.94	28.60 1.89 -6.60	24.94 2.00 -3.68	24.06 1.79 -5.10	21.91 1.74 -2.90	20.53 1.80 -1.90	20.42 1.75 -1.48	20.78 1.82 -2.25	22.29 2.10 -2.35	25.77 2.42 -3.37	34.11 2.90 -7.84	43.08 3.77 -7.34	41.70 4.46 -0.02	33.52 2.94 -6.30	28.66 2.68 -4.39	22.17 2.46 -0.02	19.27 1.88 -0.01
PPL PILGRIM_ST_GT2 24217	16.53 1.46 -1.43	14.95 1.07 -3.12	13.89 0.88 -3.19	13.88 0.86 -3.19	15.16 0.84 -4.50	16.48 1.38 -0.27	25.47 1.83 -5.39	30.40 2.09 -6.94	28.60 1.89 -6.60	24.94 2.00 -3.68	24.06 1.79 -5.10	21.91 1.74 -2.90	20.53 1.80 -1.90	20.42 1.75 -1.48	20.78 1.82 -2.25	22.29 2.10 -2.35	25.77 2.42 -3.37	34.11 2.90 -7.84	43.08 3.77 -7.34	41.70 4.46 -0.02	33.52 2.94 -6.30	28.66 2.68 -4.39	22.17 2.46 -0.02	19.27 1.88 -0.01
PPL_SHRM_GT3 24213	16.59 1.53 -1.43	14.99 1.11 -3.12	13.92 0.91 -3.19	13.91 0.89 -3.19	15.19 0.87 -4.50	16.54 1.44 -0.27	25.54 1.90 -5.39	30.48 2.18 -6.94	28.66 1.95 -6.60	24.98 2.04 -3.68	24.06 1.79 -5.10	21.87 1.71 -2.90	20.51 1.78 -1.90	20.39 1.72 -1.48	20.76 1.81 -2.25	22.31 2.12 -2.35	25.85 2.50 -3.37	34.30 3.08 -7.84	43.47 4.09 -7.40	42.05 4.80 -0.03	33.72 3.13 -6.30	28.75 2.77 -4.39	22.29 2.58 -0.02	19.37 1.98 -0.01
PPL_SHRM_GT4 24214	16.59 1.53 -1.43	14.99 1.11 -3.12	13.92 0.91 -3.19	13.91 0.89 -3.19	15.19 0.87 -4.50	16.54 1.44 -0.27	25.54 1.90 -5.39	30.48 2.18 -6.94	28.66 1.95 -6.60	24.98 2.04 -3.68	24.06 1.79 -5.10	21.87 1.71 -2.90	20.51 1.78 -1.90	20.39 1.72 -1.48	20.76 1.81 -2.25	22.31 2.12 -2.35	25.85 2.50 -3.37	34.30 3.08 -7.84	43.47 4.09 -7.40	42.05 4.80 -0.03	33.72 3.13 -6.30	28.75 2.77 -4.39	22.29 2.58 -0.02	19.37 1.98 -0.01
PROJECT___ORANGE 1 24174	13.76 0.00 -0.13	11.03 -0.01 -0.28	10.12 0.01 -0.29	10.13 0.00 -0.29	10.25 0.01 -0.40	14.90 0.04 -0.02	18.57 0.04 -0.28	21.47 0.00 -0.11	20.11 0.00 0.00	19.29 -0.08 -0.11	17.12 -0.05 0.00	17.23 -0.03 0.00	16.79 -0.03 0.00	17.12 -0.07 0.00	16.66 -0.08 -0.03	17.69 -0.14 0.00	19.79 -0.20 -0.01	23.99 -0.09 -0.71	31.81 -0.16 0.00	37.07 -0.15 0.00	24.46 -0.15 -0.32	21.63 -0.13 -0.16	19.48 -0.22 0.00	17.33 -0.05 0.00
PROJECT___ORANGE 2 24166	13.76 0.00 -0.13	11.03 -0.01 -0.28	10.12 0.01 -0.29	10.13 0.00 -0.29	10.25 0.01 -0.40	14.90 0.04 -0.02	18.57 0.04 -0.28	21.47 0.00 -0.11	20.11 0.00 0.00	19.29 -0.08 -0.11	17.12 -0.05 0.00	17.23 -0.03 0.00	16.79 -0.03 0.00	17.12 -0.07 0.00	16.66 -0.08 -0.03	17.69 -0.14 0.00	19.79 -0.20 -0.01	23.99 -0.09 -0.71	31.81 -0.16 0.00	37.07 -0.15 0.00	24.46 -0.15 -0.32	21.63 -0.13 -0.16	19.48 -0.22 0.00	17.33 -0.05 0.00

PUCKETT___SOLAR 323809	14.48 0.37 -0.47	12.06 0.27 -1.03	11.12 0.25 -1.05	11.15 0.26 -1.05	11.57 0.26 -1.48	15.38 0.46 -0.09	19.76 0.47 -1.03	22.35 0.58 -0.41	20.65 0.54 0.00	19.60 0.17 -0.17	17.34 0.17 0.00	17.45 0.19 0.00	17.09 0.27 0.00	17.35 0.15 0.00	16.85 0.08 -0.05	17.96 0.13 0.00	20.08 0.08 -0.02	24.97 0.44 -1.16	32.58 0.61 0.00	38.04 0.82 0.00	25.32 0.51 -0.52	22.31 0.45 -0.26	19.93 0.24 0.00	17.76 0.38 0.00
PYRITES___HYD 24023	13.50 -0.14 0.00	10.67 -0.10 0.00	9.71 -0.11 0.00	9.75 -0.09 0.00	9.76 -0.07 0.00	14.64 -0.19 0.00	18.13 -0.13 0.00	21.64 0.28 0.00	20.33 0.22 0.00	19.45 0.19 0.00	17.37 0.21 0.00	17.40 0.14 0.00	16.91 0.08 0.00	17.28 0.09 0.00	16.79 0.08 0.00	17.92 0.09 0.00	20.10 0.12 0.00	23.44 0.07 0.00	31.85 -0.13 0.00	37.15 -0.07 0.00	24.14 -0.15 0.00	21.47 -0.13 0.00	19.67 -0.02 0.00	17.34 -0.03 0.00
QUAKERRD_115KV_BK1 80622	13.42 -0.38 -0.16	10.82 -0.29 -0.35	9.92 -0.26 -0.36	9.93 -0.27 -0.36	10.04 -0.29 -0.51	14.43 -0.43 -0.03	18.06 -0.55 -0.35	20.71 -0.79 -0.14	19.30 -0.80 0.00	18.48 -0.91 -0.13	16.43 -0.74 0.00	16.59 -0.67 0.00	16.12 -0.71 0.00	16.45 -0.74 0.00	16.02 -0.74 -0.04	17.03 -0.80 0.00	18.99 -1.00 -0.01	23.33 -0.93 -0.89	30.63 -1.34 0.00	35.69 -1.53 0.00	23.69 -1.00 -0.40	20.91 -0.89 -0.20	18.85 -0.85 0.00	16.75 -0.63 0.00
QUEENSBRY_115KV_TB8 356137	16.38 0.86 -1.89	15.55 0.67 -4.11	14.64 0.61 -4.21	14.64 0.59 -4.21	16.37 0.60 -5.93	16.21 1.02 -0.35	24.69 1.30 -5.15	26.88 1.67 -3.85	24.36 1.51 -2.74	22.99 1.33 -2.40	20.37 1.12 -2.08	19.52 1.07 -1.18	18.54 0.94 -0.78	18.77 0.98 -0.60	18.84 0.94 -1.20	19.90 1.11 -0.96	22.60 1.16 -1.46	34.11 1.54 -9.19	37.02 2.56 -2.49	40.20 2.98 0.00	30.57 2.14 -4.15	25.38 1.75 -2.03	21.09 1.40 0.00	18.47 1.09 0.00
RAMAPO___LBMP 323565	15.76 0.83 -1.30	14.22 0.64 -2.82	13.28 0.57 -2.89	13.28 0.55 -2.89	14.45 0.55 -4.07	15.91 0.83 -0.24	24.97 1.08 -5.64	30.95 1.32 -8.27	29.58 1.27 -8.21	24.69 1.29 -4.15	24.67 1.13 -6.37	22.02 1.14 -3.62	20.31 1.11 -2.38	20.19 1.15 -1.84	20.48 1.10 -2.66	21.96 1.19 -2.94	25.45 1.34 -4.13	31.75 1.64 -6.74	41.80 2.21 -7.62	39.75 2.53 0.00	28.98 1.65 -3.04	24.58 1.49 -1.49	20.99 1.30 0.00	18.32 0.94 0.00
RANKINE____ 23646	13.41 -0.46 -0.23	11.00 -0.27 -0.51	10.06 -0.27 -0.52	10.07 -0.30 -0.52	10.15 -0.41 -0.73	14.55 -0.33 -0.04	17.85 -0.91 -0.51	18.91 -1.52 0.94	19.04 -1.07 0.00	18.20 -1.25 -0.19	16.17 -1.00 0.00	16.45 -0.81 0.00	16.07 -0.76 0.00	16.40 -0.79 0.00	15.92 -0.85 -0.06	16.83 -1.00 0.00	18.74 -1.26 -0.02	23.56 -1.10 -1.29	30.06 -1.92 0.00	35.17 -2.05 0.00	23.85 -1.02 -0.58	21.11 -0.78 -0.28	19.04 -0.65 0.00	17.19 -0.19 0.00
RAVENSWOOD_GT2_1 24244	16.05 0.98 -1.43	14.64 0.76 -3.12	13.70 0.69 -3.19	13.69 0.66 -3.19	14.99 0.66 -4.49	16.11 1.01 -0.27	24.96 1.31 -5.40	29.96 1.64 -6.95	28.27 1.55 -6.61	24.38 1.52 -3.61	23.64 1.36 -5.11	21.53 1.36 -2.90	20.06 1.33 -1.91	20.05 1.38 -1.48	20.27 1.34 -2.23	21.63 1.44 -2.36	24.92 1.60 -3.34	32.57 1.92 -7.28	40.61 2.53 -6.11	40.09 2.87 0.00	29.42 1.85 -3.28	24.94 1.73 -1.61	21.23 1.54 0.00	18.49 1.11 0.00
RAVENSWOOD_GT2_2 24245	16.05 0.98 -1.43	14.64 0.76 -3.12	13.70 0.69 -3.19	13.69 0.66 -3.19	14.99 0.66 -4.49	16.11 1.01 -0.27	24.96 1.31 -5.40	29.96 1.64 -6.95	28.27 1.55 -6.61	24.38 1.52 -3.61	23.64 1.36 -5.11	21.53 1.36 -2.90	20.06 1.33 -1.91	20.05 1.38 -1.48	20.27 1.34 -2.23	21.63 1.44 -2.36	24.92 1.60 -3.34	32.57 1.92 -7.28	40.61 2.53 -6.11	40.09 2.87 0.00	29.42 1.85 -3.28	24.94 1.73 -1.61	21.23 1.54 0.00	18.49 1.11 0.00
RAVENSWOOD_GT2_3 24246	16.03 0.97 -1.43	14.63 0.75 -3.12	13.70 0.69 -3.19	13.69 0.66 -3.19	14.99 0.66 -4.49	16.11 1.01 -0.27	24.96 1.31 -5.40	29.96 1.64 -6.95	28.27 1.55 -6.61	24.38 1.52 -3.61	23.64 1.36 -5.11	21.53 1.36 -2.90	20.04 1.31 -1.91	20.03 1.36 -1.48	20.27 1.34 -2.23	21.63 1.44 -2.36	24.90 1.58 -3.34	32.57 1.92 -7.28	40.61 2.53 -6.11	40.09 2.87 0.00	29.42 1.85 -3.28	24.94 1.73 -1.61	21.23 1.54 0.00	18.49 1.11 0.00
RAVENSWOOD_GT2_4 24247	16.03 0.97 -1.43	14.63 0.75 -3.12	13.70 0.69 -3.19	13.69 0.66 -3.19	14.99 0.66 -4.49	16.11 1.01 -0.27	24.96 1.31 -5.40	29.96 1.64 -6.95	28.27 1.55 -6.61	24.38 1.52 -3.61	23.64 1.36 -5.11	21.53 1.36 -2.90	20.04 1.31 -1.91	20.03 1.36 -1.48	20.27 1.34 -2.23	21.63 1.44 -2.36	24.90 1.58 -3.34	32.57 1.92 -7.28	40.61 2.53 -6.11	40.09 2.87 0.00	29.42 1.85 -3.28	24.94 1.73 -1.61	21.23 1.54 0.00	18.49 1.11 0.00
RAVENSWOOD_GT3_1 24248	16.05 0.98 -1.43	14.64 0.76 -3.12	13.70 0.69 -3.19	13.70 0.67 -3.19	14.99 0.66 -4.49	16.11 1.01 -0.27	24.96 1.31 -5.40	29.96 1.64 -6.95	28.27 1.55 -6.61	24.38 1.52 -3.61	23.65 1.37 -5.11	21.53 1.36 -2.90	20.06 1.33 -1.91	20.05 1.38 -1.48	20.27 1.34 -2.23	21.63 1.44 -2.36	24.92 1.60 -3.34	32.57 1.92 -7.28	40.61 2.53 -6.11	40.09 2.87 0.00	29.42 1.85 -3.28	24.96 1.75 -1.61	21.23 1.54 0.00	18.49 1.11 0.00
RAVENSWOOD_GT3_2 24249	16.05 0.98 -1.43	14.64 0.76 -3.12	13.70 0.69 -3.19	13.70 0.67 -3.19	14.99 0.66 -4.49	16.11 1.01 -0.27	24.96 1.31 -5.40	29.96 1.64 -6.95	28.27 1.55 -6.61	24.38 1.52 -3.61	23.65 1.37 -5.11	21.53 1.36 -2.90	20.06 1.33 -1.91	20.05 1.38 -1.48	20.27 1.34 -2.23	21.63 1.44 -2.36	24.92 1.60 -3.34	32.57 1.92 -7.28	40.61 2.53 -6.11	40.09 2.87 0.00	29.42 1.85 -3.28	24.96 1.75 -1.61	21.23 1.54 0.00	18.49 1.11 0.00
RAVENSWOOD_GT3_3 24250	16.05 0.98 -1.43	14.65 0.77 -3.12	13.71 0.70 -3.19	13.70 0.67 -3.19	15.00 0.67 -4.49	16.12 1.02 -0.27	24.98 1.33 -5.40	29.98 1.67 -6.95	28.29 1.57 -6.61	24.42 1.56 -3.61	23.67 1.39 -5.11	21.55 1.38 -2.90	20.08 1.35 -1.91	20.06 1.39 -1.48	20.29 1.35 -2.23	21.65 1.46 -2.36	24.94 1.62 -3.34	32.59 1.94 -7.28	40.64 2.56 -6.11	40.16 2.94 0.00	29.44 1.87 -3.28	24.98 1.77 -1.61	21.25 1.56 0.00	18.51 1.13 0.00
RAVENSWOOD_GT3_4 24251	16.05 0.98 -1.43	14.65 0.77 -3.12	13.71 0.70 -3.19	13.70 0.67 -3.19	15.00 0.67 -4.49	16.12 1.02 -0.27	24.98 1.33 -5.40	29.98 1.67 -6.95	28.29 1.57 -6.61	24.42 1.56 -3.61	23.67 1.39 -5.11	21.55 1.38 -2.90	20.08 1.35 -1.91	20.06 1.39 -1.48	20.29 1.35 -2.23	21.65 1.46 -2.36	24.94 1.62 -3.34	32.59 1.94 -7.28	40.64 2.56 -6.11	40.16 2.94 0.00	29.44 1.87 -3.28	24.98 1.77 -1.61	21.25 1.56 0.00	18.51 1.13 0.00
RAVENSWOOD_GT_1 23729	16.11 1.04 -1.44	14.70 0.81 -3.12	13.75 0.74 -3.20	13.74 0.71 -3.20	15.04 0.71 -4.50	16.19 1.08 -0.28	25.06 1.41 -5.40	30.09 1.77 -6.96	30.25 1.67 -8.47	27.40 1.62 -6.52	28.33 1.44 -9.72	28.33 1.45 -9.61	24.03 1.41 -5.80	24.02 1.48 -5.35	23.37 1.44 -5.22	27.40 1.55 -8.01	27.40 1.70 -5.72	33.20 2.03 -7.79	40.74 2.65 -6.11	40.20 2.98 0.00	29.67 1.87 -3.51	25.16 1.83 -1.73	21.33 1.63 -0.01	18.59 1.20 -0.01



RAVENSWOOD_GT_10 24258	16.05 0.98 -1.43	14.64 0.76 -3.12	13.70 0.69 -3.19	13.70 0.67 -3.19	14.99 0.66 -4.49	16.11 1.01 -0.27	24.96 1.31 -5.40	29.96 1.64 -6.95	28.27 1.55 -6.61	24.40 1.54 -3.61	23.65 1.37 -5.11	21.53 1.36 -2.90	20.06 1.33 -1.91	20.05 1.38 -1.48	20.27 1.34 -2.23	21.63 1.44 -2.36	24.92 1.60 -3.34	32.57 1.92 -7.28	40.61 2.53 -6.11	40.09 2.87 0.00	29.42 1.85 -3.28	24.96 1.75 -1.61	21.23 1.54 0.00	18.49 1.11 0.00
RAVENSWOOD_GT_11 24259	16.05 0.98 -1.43	14.64 0.76 -3.12	13.70 0.69 -3.19	13.70 0.67 -3.19	14.99 0.66 -4.49	16.11 1.01 -0.27	24.96 1.31 -5.40	29.98 1.67 -6.95	28.27 1.55 -6.61	24.46 1.52 -3.68	23.64 1.36 -5.11	21.53 1.36 -2.90	20.04 1.31 -1.91	20.06 1.39 -1.48	20.31 1.35 -2.25	21.63 1.44 -2.36	24.93 1.60 -3.35	33.07 1.92 -7.78	40.61 2.53 -6.11	40.09 2.87 0.00	29.67 1.87 -3.51	25.07 1.75 -1.72	21.23 1.54 0.00	18.49 1.11 0.00
RAVENSWOOD_GT_4 24252	16.03 0.97 -1.43	14.63 0.75 -3.12	13.69 0.68 -3.19	13.69 0.66 -3.19	14.99 0.66 -4.49	16.10 0.99 -0.27	24.94 1.30 -5.40	29.94 1.62 -6.95	28.25 1.53 -6.61	24.38 1.52 -3.61	23.64 1.36 -5.11	21.53 1.36 -2.90	20.04 1.31 -1.91	20.03 1.36 -1.48	20.27 1.34 -2.23	21.63 1.44 -2.36	24.90 1.58 -3.34	32.57 1.92 -7.28	40.61 2.53 -6.11	40.09 2.87 0.00	29.42 1.85 -3.28	24.94 1.73 -1.61	21.23 1.54 0.00	18.47 1.09 0.00
RAVENSWOOD_GT_5 24254	16.03 0.97 -1.43	14.63 0.75 -3.12	13.69 0.68 -3.19	13.69 0.66 -3.19	14.99 0.66 -4.49	16.10 0.99 -0.27	24.94 1.30 -5.40	29.94 1.62 -6.95	28.25 1.53 -6.61	24.38 1.52 -3.61	23.64 1.36 -5.11	21.53 1.36 -2.90	20.04 1.31 -1.91	20.03 1.36 -1.48	20.27 1.34 -2.23	21.63 1.44 -2.36	24.90 1.58 -3.34	32.57 1.92 -7.28	40.61 2.53 -6.11	40.09 2.87 0.00	29.42 1.85 -3.28	24.94 1.73 -1.61	21.23 1.54 0.00	18.47 1.09 0.00
RAVENSWOOD_GT_6 24253	16.03 0.97 -1.43	14.63 0.75 -3.12	13.69 0.68 -3.19	13.69 0.66 -3.19	14.99 0.66 -4.49	16.10 0.99 -0.27	24.94 1.30 -5.40	29.94 1.62 -6.95	28.25 1.53 -6.61	24.38 1.52 -3.61	23.64 1.36 -5.11	21.53 1.36 -2.90	20.04 1.31 -1.91	20.03 1.36 -1.48	20.27 1.34 -2.23	21.63 1.44 -2.36	24.90 1.58 -3.34	32.57 1.92 -7.28	40.61 2.53 -6.11	40.09 2.87 0.00	29.42 1.85 -3.28	24.94 1.73 -1.61	21.23 1.54 0.00	18.47 1.09 0.00
RAVENSWOOD_GT_7 24255	16.03 0.97 -1.43	14.63 0.75 -3.12	13.69 0.68 -3.19	13.69 0.66 -3.19	14.99 0.66 -4.49	16.10 0.99 -0.27	24.94 1.30 -5.40	29.94 1.62 -6.95	28.25 1.53 -6.61	24.38 1.52 -3.61	23.64 1.36 -5.11	21.53 1.36 -2.90	20.04 1.31 -1.91	20.03 1.36 -1.48	20.27 1.34 -2.23	21.63 1.44 -2.36	24.90 1.58 -3.34	32.57 1.92 -7.28	40.61 2.53 -6.11	40.09 2.87 0.00	29.42 1.85 -3.28	24.94 1.73 -1.61	21.23 1.54 0.00	18.47 1.09 0.00
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	16.05 0.98 -1.43	14.64 0.76 -3.12	13.70 0.69 -3.19	13.70 0.67 -3.19	14.99 0.66 -4.49	16.11 1.01 -0.27	24.96 1.31 -5.40	29.96 1.64 -6.95	28.27 1.55 -6.61	24.40 1.54 -3.61	23.65 1.37 -5.11	21.53 1.36 -2.90	20.06 1.33 -1.91	20.05 1.38 -1.48	20.27 1.34 -2.23	21.63 1.44 -2.36	24.92 1.60 -3.34	32.57 1.92 -7.28	40.61 2.53 -6.11	40.09 2.87 0.00	29.42 1.85 -3.28	24.96 1.75 -1.61	21.23 1.54 0.00	18.49 1.11 0.00
RAVENSWOOD_GT_9 24257	16.05 0.98 -1.43	14.64 0.76 -3.12	13.70 0.69 -3.19	13.70 0.67 -3.19	14.99 0.66 -4.49	16.11 1.01 -0.27	24.96 1.31 -5.40	29.96 1.64 -6.95	28.27 1.55 -6.61	24.40 1.54 -3.61	23.65 1.37 -5.11	21.53 1.36 -2.90	20.06 1.33 -1.91	20.05 1.38 -1.48	20.27 1.34 -2.23	21.63 1.44 -2.36	24.92 1.60 -3.34	32.57 1.92 -7.28	40.61 2.53 -6.11	40.09 2.87 0.00	29.42 1.85 -3.28	24.96 1.75 -1.61	21.23 1.54 0.00	18.49 1.11 0.00
RAVENSWOOD___1 23533	16.11 1.04 -1.44	14.70 0.81 -3.12	13.74 0.73 -3.20	13.74 0.71 -3.20	15.04 0.71 -4.50	16.18 1.07 -0.28	25.04 1.39 -5.40	30.07 1.75 -6.96	30.23 1.65 -8.47	27.38 1.60 -6.52	28.33 1.44 -9.72	28.33 1.45 -9.61	24.02 1.40 -5.80	24.00 1.46 -5.35	23.35 1.42 -5.22	27.38 1.53 -8.01	27.38 1.68 -5.72	33.17 2.01 -7.79	40.74 2.65 -6.11	40.20 2.98 0.00	29.67 1.87 -3.51	25.16 1.83 -1.73	21.33 1.63 -0.01	18.57 1.18 -0.01
RAVENSWOOD___2 23534	16.10 1.02 -1.44	14.70 0.81 -3.12	13.74 0.73 -3.20	13.73 0.70 -3.20	15.03 0.70 -4.50	16.18 1.07 -0.28	25.04 1.39 -5.40	30.07 1.75 -6.96	30.21 1.63 -8.47	27.38 1.60 -6.52	28.31 1.42 -9.72	28.31 1.43 -9.61	24.02 1.40 -5.80	24.00 1.46 -5.35	23.35 1.42 -5.22	27.36 1.51 -8.01	27.38 1.68 -5.72	33.17 2.01 -7.79	40.71 2.62 -6.11	40.20 2.98 0.00	29.67 1.87 -3.51	25.16 1.83 -1.73	21.32 1.62 -0.01	18.57 1.18 -0.01
RAVENSWOOD___3 23535	16.03 0.97 -1.43	14.63 0.75 -3.12	13.70 0.69 -3.19	13.69 0.66 -3.19	14.99 0.66 -4.49	16.11 1.01 -0.27	24.96 1.31 -5.40	29.96 1.65 -6.95	28.27 1.55 -6.61	24.46 1.52 -3.68	23.63 1.36 -5.11	21.53 1.36 -2.90	20.04 1.31 -1.91	20.05 1.38 -1.48	20.31 1.35 -2.25	21.63 1.44 -2.36	24.91 1.58 -3.35	33.07 1.92 -7.78	40.61 2.53 -6.11	40.09 2.87 0.00	29.65 1.84 -3.51	25.05 1.73 -1.72	21.23 1.54 0.00	18.47 1.10 0.00
RAVENSWOOD___4 23820	16.10 1.02 -1.44	14.68 0.80 -3.12	13.74 0.73 -3.20	13.73 0.70 -3.20	15.03 0.70 -4.50	16.18 1.07 -0.28	25.04 1.39 -5.40	30.05 1.73 -6.96	30.21 1.63 -8.47	27.36 1.58 -6.52	28.31 1.42 -9.72	28.31 1.43 -9.61	24.00 1.38 -5.80	23.99 1.44 -5.35	23.35 1.42 -5.22	27.36 1.51 -8.01	27.36 1.66 -5.72	33.17 2.01 -7.79	40.71 2.62 -6.11	40.16 2.94 0.00	29.67 1.87 -3.51	25.14 1.81 -1.73	21.32 1.62 -0.01	18.55 1.16 -0.01
RCPL_TRUST___DRP 24196	16.06 1.00 -1.43	14.65 0.77 -3.12	13.71 0.70 -3.19	13.71 0.68 -3.19	15.00 0.68 -4.49	16.12 1.02 -0.27	25.00 1.35 -5.40	30.02 1.71 -6.95	28.31 1.59 -6.61	24.44 1.58 -3.61	23.69 1.41 -5.11	21.58 1.42 -2.90	20.09 1.36 -1.91	20.08 1.41 -1.48	20.32 1.39 -2.23	21.69 1.50 -2.36	24.96 1.64 -3.34	32.59 1.94 -7.28	40.64 2.56 -6.11	40.16 2.94 0.00	29.47 1.89 -3.28	24.98 1.77 -1.61	21.27 1.58 0.00	18.51 1.13 0.00
RED___ROCHESTER 323720	13.79 -0.01 -0.17	11.13 0.00 -0.36	10.21 0.02 -0.37	10.21 0.00 -0.37	10.32 -0.04 -0.52	14.84 -0.03 -0.03	18.53 -0.09 -0.36	21.27 -0.23 -0.14	19.77 -0.34 0.00	18.79 -0.50 -0.04	16.77 -0.39 0.00	16.94 -0.33 0.00	16.54 -0.29 0.00	16.80 -0.39 0.00	16.34 -0.38 -0.01	17.46 -0.38 0.00	19.44 -0.54 0.00	23.30 -0.33 -0.26	31.43 -0.54 0.00	36.66 -0.56 0.00	24.04 -0.36 -0.12	21.35 -0.30 -0.06	19.36 -0.33 0.00	17.22 -0.16 0.00
REGAN___SOLAR 323812	16.19 0.65 -1.90	15.41 0.51 -4.14	14.52 0.46 -4.24	14.53 0.45 -4.24	16.28 0.47 -5.98	16.08 0.89 -0.36	24.64 1.24 -5.15	26.91 1.73 -3.81	24.21 1.41 -2.69	22.86 1.16 -2.45	20.02 0.81 -2.04	19.13 0.71 -1.16	18.34 0.76 -0.76	18.69 0.91 -0.59	18.72 0.80 -1.20	19.88 1.11 -0.94	22.72 1.30 -1.44	34.83 1.82 -9.63	37.30 2.88 -2.44	40.57 3.35 0.00	30.82 2.19 -4.35	25.41 1.69 -2.13	20.97 1.28 0.00	18.27 0.89 0.00

RENSSELAER___COGEN 23796	15.73 0.26 -1.84	15.01 0.24 -4.01	14.13 0.22 -4.10	14.15 0.22 -4.10	15.80 0.19 -5.78	15.50 0.33 -0.34	23.67 0.35 -5.07	25.90 0.58 -3.96	23.46 0.44 -2.91	22.13 0.38 -2.49	19.69 0.31 -2.21	18.81 0.29 -1.25	17.93 0.29 -0.82	18.19 0.36 -0.64	18.32 0.35 -1.25	19.28 0.43 -1.02	22.04 0.52 -1.54	33.35 0.61 -9.37	35.44 0.83 -2.64	38.11 0.89 0.00	29.15 0.63 -4.23	24.23 0.56 -2.07	20.11 0.41 0.00	17.66 0.28 0.00
REPUBLIC_115KV_BARTNBRK 55605	16.80 1.28 -1.89	15.87 0.99 -4.11	14.93 0.90 -4.21	14.91 0.87 -4.21	16.65 0.88 -5.93	16.71 1.53 -0.35	25.37 1.97 -5.15	27.76 2.54 -3.85	25.15 2.29 -2.75	23.66 2.00 -2.40	20.95 1.70 -2.09	20.07 1.62 -1.18	19.05 1.45 -0.78	19.29 1.50 -0.60	19.31 1.40 -1.20	20.45 1.66 -0.96	23.26 1.82 -1.46	34.97 2.41 -9.19	38.37 3.90 -2.49	41.80 4.58 0.00	31.69 3.25 -4.15	26.29 2.66 -2.03	21.82 2.13 0.00	19.08 1.70 0.00
REVERE_CPFR_DRP 24186	14.16 0.45 -0.08	11.25 0.32 -0.17	10.28 0.29 -0.17	10.29 0.29 -0.17	10.39 0.31 -0.24	15.29 0.45 -0.01	18.97 0.55 -0.17	22.16 0.73 -0.07	20.79 0.68 0.00	19.94 0.62 -0.06	17.73 0.57 0.00	17.78 0.52 0.00	17.31 0.49 0.00	17.69 0.50 0.00	17.15 0.42 -0.02	18.28 0.45 0.00	20.42 0.44 -0.01	24.56 0.77 -0.42	33.19 1.22 0.00	38.71 1.49 0.00	25.40 0.92 -0.19	22.45 0.76 -0.09	20.20 0.51 0.00	17.90 0.52 0.00
REYNOLDS_115KV_TB3 80639	15.84 0.37 -1.84	15.07 0.30 -4.01	14.21 0.28 -4.10	14.22 0.28 -4.10	15.88 0.27 -5.78	15.61 0.43 -0.34	23.81 0.47 -5.08	25.97 0.62 -3.99	23.61 0.56 -2.94	22.22 0.52 -2.44	19.86 0.46 -2.23	18.96 0.43 -1.27	18.13 0.47 -0.83	18.34 0.50 -0.65	18.44 0.48 -1.24	19.43 0.57 -1.03	22.19 0.66 -1.55	33.11 0.77 -8.96	35.67 1.02 -2.67	38.34 1.12 0.00	29.14 0.80 -4.05	24.29 0.71 -1.98	20.24 0.55 0.00	17.78 0.40 0.00
RIVERBAY____ 323610	16.17 1.10 -1.43	14.74 0.86 -3.12	13.79 0.79 -3.19	13.77 0.75 -3.19	15.08 0.76 -4.49	16.23 1.14 -0.25	25.11 1.48 -5.38	30.15 1.86 -6.93	28.44 1.73 -6.61	24.55 1.69 -3.60	23.78 1.51 -5.10	21.68 1.52 -2.89	20.19 1.46 -1.90	20.16 1.50 -1.47	20.40 1.47 -2.22	21.77 1.59 -2.35	25.05 1.74 -3.34	32.71 2.08 -7.26	40.83 2.75 -6.11	40.31 3.09 0.00	29.52 1.94 -3.28	25.11 1.92 -1.59	21.39 1.71 0.02	18.63 1.25 0.00
RIVERSDE_115KV_TB3 55908	15.79 0.31 -1.84	15.05 0.27 -4.02	14.19 0.26 -4.11	14.19 0.25 -4.11	15.85 0.23 -5.79	15.56 0.39 -0.34	23.75 0.42 -5.08	25.88 0.56 -3.96	23.52 0.50 -2.91	22.15 0.46 -2.43	19.79 0.41 -2.21	18.90 0.38 -1.26	18.09 0.44 -0.82	18.28 0.45 -0.64	18.38 0.43 -1.24	19.37 0.52 -1.02	22.11 0.60 -1.54	33.08 0.72 -8.98	35.58 0.96 -2.64	38.26 1.04 0.00	29.09 0.75 -4.05	24.23 0.65 -1.98	20.18 0.49 0.00	17.73 0.35 0.00
ROARING___BROOK_WT_PWR 323790	12.95 -0.68 0.00	10.19 -0.57 0.00	9.29 -0.53 0.00	9.31 -0.53 0.00	9.31 -0.52 0.00	14.03 -0.80 0.00	17.30 -0.95 0.00	20.32 -1.05 0.00	19.14 -0.96 0.00	18.33 -0.92 0.00	16.22 -0.94 0.00	16.31 -0.95 0.00	15.93 -0.89 0.00	16.35 -0.84 0.00	15.96 -0.75 0.00	17.12 -0.71 0.00	19.30 -0.68 0.00	22.74 -0.63 0.00	31.24 -0.73 0.00	36.29 -0.93 0.00	23.61 -0.68 0.00	20.93 -0.67 0.00	19.00 -0.69 0.00	16.75 -0.62 0.00
ROCHESRG_115KV_T4 355643	13.68 -0.12 -0.16	11.04 -0.09 -0.36	10.13 -0.06 -0.37	10.14 -0.07 -0.37	10.23 -0.12 -0.52	14.72 -0.15 -0.03	18.36 -0.26 -0.36	20.88 -0.49 -0.01	19.59 -0.52 0.00	18.74 -0.65 -0.14	16.67 -0.50 0.00	16.85 -0.41 0.00	16.37 -0.45 0.00	16.71 -0.48 0.00	16.27 -0.48 -0.04	17.28 -0.55 0.00	19.27 -0.72 -0.01	23.70 -0.58 -0.91	31.05 -0.93 0.00	36.22 -1.00 0.00	24.07 -0.63 -0.41	21.28 -0.52 -0.20	19.18 -0.51 0.00	17.08 -0.30 0.00
ROCHESTER_9_IC 23652	13.73 -0.07 -0.17	11.09 -0.03 -0.36	10.17 -0.02 -0.37	10.18 -0.03 -0.37	10.28 -0.08 -0.52	14.78 -0.09 -0.03	18.45 -0.16 -0.36	21.12 -0.38 -0.14	19.71 -0.40 0.00	18.83 -0.56 -0.14	16.76 -0.41 0.00	16.94 -0.33 0.00	16.45 -0.37 0.00	16.80 -0.40 0.00	16.35 -0.40 -0.04	17.39 -0.45 0.00	19.37 -0.62 -0.01	23.85 -0.44 -0.92	31.27 -0.70 0.00	36.44 -0.78 0.00	24.22 -0.49 -0.41	21.39 -0.41 -0.20	19.28 -0.41 0.00	17.17 -0.21 0.00
ROCKVIEW_13_KV_LD 356306	16.05 0.98 -1.43	14.63 0.75 -3.12	13.69 0.68 -3.19	13.69 0.66 -3.19	14.98 0.66 -4.49	16.09 0.99 -0.27	24.94 1.30 -5.40	29.92 1.60 -6.95	28.25 1.53 -6.62	24.39 1.52 -3.61	23.64 1.36 -5.11	21.52 1.35 -2.90	20.03 1.30 -1.91	20.01 1.34 -1.48	20.24 1.30 -2.23	21.62 1.43 -2.36	24.90 1.58 -3.34	32.57 1.92 -7.28	40.68 2.59 -6.11	40.16 2.94 0.00	29.47 1.89 -3.28	24.94 1.73 -1.61	21.21 1.52 0.00	18.47 1.09 0.00
ROME____115KV_TB2 80656	14.16 0.45 -0.08	11.25 0.32 -0.17	10.28 0.29 -0.17	10.29 0.29 -0.17	10.39 0.31 -0.24	15.29 0.45 -0.01	18.97 0.55 -0.17	22.16 0.73 -0.07	20.79 0.68 0.00	19.94 0.62 -0.06	17.73 0.57 0.00	17.78 0.52 0.00	17.31 0.49 0.00	17.69 0.50 0.00	17.15 0.42 -0.02	18.28 0.45 0.00	20.42 0.44 -0.01	24.56 0.77 -0.42	33.19 1.22 0.00	38.71 1.49 0.00	25.40 0.92 -0.19	22.45 0.76 -0.09	20.20 0.51 0.00	17.90 0.52 0.00
ROSETON___1 23587	15.86 0.59 -1.64	14.80 0.46 -3.57	13.89 0.41 -3.66	13.91 0.41 -3.65	15.40 0.41 -5.15	15.76 0.62 -0.31	23.89 0.77 -4.87	26.85 1.00 -4.48	24.67 0.91 -3.65	22.80 0.89 -2.66	20.73 0.77 -2.79	19.61 0.76 -1.58	18.59 0.72 -1.04	18.77 0.77 -0.81	18.91 0.77 -1.43	19.97 0.86 -1.29	22.83 0.96 -1.90	33.15 1.19 -8.58	36.88 1.57 -3.34	39.01 1.79 0.00	29.38 1.21 -3.87	24.60 1.10 -1.90	20.60 0.91 0.00	18.06 0.68 0.00
ROSETON___2 23588	15.86 0.59 -1.64	14.80 0.46 -3.57	13.89 0.41 -3.66	13.91 0.41 -3.65	15.40 0.41 -5.15	15.76 0.62 -0.31	23.89 0.77 -4.87	26.85 1.00 -4.48	24.67 0.91 -3.65	22.80 0.89 -2.66	20.73 0.77 -2.79	19.61 0.76 -1.58	18.59 0.72 -1.04	18.77 0.77 -0.81	18.91 0.77 -1.43	19.97 0.86 -1.29	22.83 0.96 -1.90	33.15 1.19 -8.58	36.88 1.57 -3.34	39.01 1.79 0.00	29.38 1.21 -3.87	24.60 1.10 -1.90	20.60 0.91 0.00	18.06 0.68 0.00
ROTTDAM_115KV_TB3 80664	16.03 0.49 -1.90	15.30 0.39 -4.14	14.41 0.35 -4.24	14.43 0.35 -4.24	16.16 0.35 -5.98	15.75 0.56 -0.36	24.09 0.69 -5.15	26.05 0.88 -3.81	23.61 0.80 -2.69	22.40 0.75 -2.39	19.85 0.64 -2.04	19.05 0.62 -1.16	18.19 0.61 -0.76	18.42 0.64 -0.59	18.51 0.62 -1.19	19.49 0.71 -0.94	22.21 0.80 -1.43	33.62 1.01 -9.24	35.82 1.41 -2.44	38.82 1.60 0.00	29.57 1.12 -4.17	24.61 0.97 -2.04	20.48 0.79 0.00	17.97 0.59 0.00
RUSSELL___1 23602	13.77 -0.03 -0.17	11.13 0.00 -0.36	10.21 0.02 -0.37	10.21 0.00 -0.37	10.32 -0.04 -0.52	14.84 -0.03 -0.03	18.53 -0.09 -0.36	21.21 -0.30 -0.14	19.79 -0.32 0.00	18.91 -0.48 -0.14	16.82 -0.34 0.00	17.01 -0.26 0.00	16.52 -0.30 0.00	16.86 -0.33 0.00	16.42 -0.33 -0.04	17.46 -0.37 0.00	19.45 -0.54 -0.01	23.96 -0.33 -0.92	31.43 -0.54 0.00	36.66 -0.56 0.00	24.34 -0.36 -0.41	21.50 -0.30 -0.20	19.36 -0.33 0.00	17.22 -0.16 0.00

RUSSELL___2 23532	13.77 -0.03 -0.17	11.13 0.00 -0.36	10.21 0.02 -0.37	10.21 0.00 -0.37	10.32 -0.04 -0.52	14.84 -0.03 -0.03	18.53 -0.09 -0.36	21.21 -0.30 -0.14	19.79 -0.32 0.00	18.91 -0.48 -0.14	16.82 -0.34 0.00	17.01 -0.26 0.00	16.52 -0.30 0.00	16.86 -0.33 0.00	16.42 -0.33 -0.04	17.46 -0.37 0.00	19.45 -0.54 -0.01	23.96 -0.33 -0.92	31.43 -0.54 0.00	36.66 -0.56 0.00	24.34 -0.36 -0.41	21.50 -0.30 -0.20	19.36 -0.33 0.00	17.22 -0.16 0.00
RUSSELL___3 23549	13.77 -0.03 -0.17	11.13 0.00 -0.36	10.21 0.02 -0.37	10.21 0.00 -0.37	10.32 -0.04 -0.52	14.84 -0.03 -0.03	18.53 -0.09 -0.36	21.21 -0.30 -0.14	19.79 -0.32 0.00	18.91 -0.48 -0.14	16.82 -0.34 0.00	17.01 -0.26 0.00	16.52 -0.30 0.00	16.86 -0.33 0.00	16.42 -0.33 -0.04	17.46 -0.37 0.00	19.45 -0.54 -0.01	23.96 -0.33 -0.92	31.43 -0.54 0.00	36.66 -0.56 0.00	24.34 -0.36 -0.41	21.50 -0.30 -0.20	19.36 -0.33 0.00	17.22 -0.16 0.00
RUSSELL___4 23556	13.77 -0.03 -0.17	11.13 0.00 -0.36	10.21 0.02 -0.37	10.21 0.00 -0.37	10.32 -0.04 -0.52	14.84 -0.03 -0.03	18.53 -0.09 -0.36	21.21 -0.30 -0.14	19.79 -0.32 0.00	18.91 -0.48 -0.14	16.82 -0.34 0.00	17.01 -0.26 0.00	16.52 -0.30 0.00	16.86 -0.33 0.00	16.42 -0.33 -0.04	17.46 -0.37 0.00	19.45 -0.54 -0.01	23.96 -0.33 -0.92	31.43 -0.54 0.00	36.66 -0.56 0.00	24.34 -0.36 -0.41	21.50 -0.30 -0.20	19.36 -0.33 0.00	17.22 -0.16 0.00
RUSSELL___STATION 23914	13.77 -0.03 -0.17	11.13 0.00 -0.36	10.21 0.02 -0.37	10.21 0.00 -0.37	10.32 -0.04 -0.52	14.84 -0.03 -0.03	18.53 -0.09 -0.36	21.21 -0.30 -0.14	19.79 -0.32 0.00	18.91 -0.48 -0.14	16.82 -0.34 0.00	17.01 -0.26 0.00	16.52 -0.30 0.00	16.86 -0.33 0.00	16.42 -0.33 -0.04	17.46 -0.37 0.00	19.45 -0.54 -0.01	23.96 -0.33 -0.92	31.43 -0.54 0.00	36.66 -0.56 0.00	24.34 -0.36 -0.41	21.50 -0.30 -0.20	19.36 -0.33 0.00	17.22 -0.16 0.00
S SALMON___HYD 24043	13.92 0.18 -0.11	11.12 0.12 -0.23	10.18 0.12 -0.24	10.19 0.11 -0.24	10.30 0.13 -0.34	15.03 0.18 -0.02	18.69 0.20 -0.23	21.78 0.32 -0.09	20.35 0.24 0.00	19.40 0.12 -0.02	17.30 0.14 0.00	17.42 0.16 0.00	16.98 0.15 0.00	17.28 0.09 0.00	16.77 0.05 -0.01	17.87 0.04 0.00	19.96 -0.02 0.00	23.77 0.23 -0.17	32.39 0.41 0.00	37.81 0.59 0.00	24.68 0.31 -0.08	21.92 0.28 -0.04	19.77 0.08 0.00	17.55 0.17 0.00
S.PERRY___115KV_TB1 80734	14.08 0.20 -0.24	11.46 0.17 -0.52	10.55 0.20 -0.54	10.54 0.17 -0.54	10.72 0.13 -0.76	15.21 0.33 -0.04	19.03 0.26 -0.53	24.94 0.17 -3.41	20.29 0.18 0.00	19.34 -0.12 -0.20	17.08 -0.09 0.00	17.25 -0.02 0.00	16.66 -0.17 0.00	17.05 -0.14 0.00	16.62 -0.15 -0.06	17.69 -0.14 0.00	19.80 -0.20 -0.02	24.95 0.26 -1.32	32.36 0.38 0.00	37.89 0.67 0.00	25.27 0.39 -0.60	22.22 0.32 -0.29	19.83 0.14 0.00	17.71 0.33 0.00
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	13.40 -0.46 -0.23	10.98 -0.28 -0.49	10.05 -0.27 -0.50	10.06 -0.29 -0.50	10.13 -0.41 -0.71	14.45 -0.43 -0.04	17.83 -0.91 -0.49	18.92 -1.54 0.91	18.82 -1.29 0.00	18.00 -1.44 -0.19	16.02 -1.15 0.00	16.28 -0.98 0.00	15.90 -0.93 0.00	16.23 -0.96 0.00	15.75 -1.02 -0.06	16.67 -1.16 0.00	18.52 -1.48 -0.02	23.24 -1.38 -1.24	29.64 -2.33 0.00	34.65 -2.57 0.00	23.49 -1.36 -0.56	20.82 -1.06 -0.27	18.83 -0.87 0.00	16.96 -0.42 0.00
SAWYER___23_KV_LOAD 55526	13.40 -0.46 -0.23	10.98 -0.28 -0.49	10.05 -0.27 -0.50	10.06 -0.29 -0.50	10.13 -0.41 -0.71	14.45 -0.43 -0.04	17.83 -0.91 -0.49	18.92 -1.54 0.91	18.82 -1.29 0.00	18.00 -1.44 -0.19	16.02 -1.15 0.00	16.28 -0.98 0.00	15.90 -0.93 0.00	16.23 -0.96 0.00	15.75 -1.02 -0.06	16.67 -1.16 0.00	18.52 -1.48 -0.02	23.24 -1.38 -1.24	29.64 -2.33 0.00	34.65 -2.57 0.00	23.49 -1.36 -0.56	20.82 -1.06 -0.27	18.83 -0.87 0.00	16.96 -0.42 0.00
SELKIRK___I 23801	15.83 0.38 -1.81	15.03 0.32 -3.95	14.15 0.29 -4.04	14.17 0.29 -4.03	15.81 0.29 -5.69	15.63 0.46 -0.34	23.78 0.51 -5.02	26.06 0.73 -3.97	23.63 0.58 -2.94	22.27 0.52 -2.49	19.84 0.43 -2.24	18.95 0.41 -1.27	18.06 0.40 -0.84	18.32 0.48 -0.65	18.42 0.45 -1.26	19.42 0.55 -1.03	22.18 0.64 -1.56	33.42 0.80 -9.26	35.71 1.05 -2.68	38.41 1.19 0.00	29.32 0.85 -4.18	24.38 0.73 -2.05	20.26 0.57 0.00	17.81 0.43 0.00
SELKIRK___II 23799	15.81 0.34 -1.83	15.05 0.29 -4.00	14.17 0.27 -4.09	14.19 0.27 -4.09	15.84 0.25 -5.76	15.58 0.40 -0.34	23.73 0.44 -5.04	25.95 0.66 -3.92	23.52 0.54 -2.87	22.23 0.50 -2.47	19.76 0.41 -2.18	18.90 0.40 -1.24	18.03 0.39 -0.81	18.29 0.46 -0.63	18.40 0.45 -1.24	19.36 0.52 -1.01	22.12 0.62 -1.52	33.45 0.73 -9.35	35.58 0.99 -2.61	38.30 1.08 0.00	29.26 0.75 -4.22	24.34 0.67 -2.07	20.22 0.53 0.00	17.76 0.38 0.00
SENECA OSWGO___HYD 24041	13.97 0.22 -0.12	11.18 0.15 -0.26	10.25 0.16 -0.27	10.26 0.15 -0.27	10.38 0.17 -0.38	15.15 0.30 -0.02	18.86 0.35 -0.27	21.96 0.49 -0.10	20.51 0.40 0.00	19.59 0.31 -0.03	17.44 0.27 0.00	17.56 0.29 0.00	17.11 0.29 0.00	17.41 0.22 0.00	16.90 0.18 -0.01	17.99 0.16 0.00	20.12 0.14 0.00	23.93 0.37 -0.19	32.48 0.51 0.00	37.93 0.71 0.00	24.71 0.34 -0.08	21.94 0.30 -0.04	19.79 0.10 0.00	17.60 0.23 0.00
SENECA___115KV_TB3 355854	13.43 -0.44 -0.23	11.01 -0.26 -0.51	10.07 -0.27 -0.52	10.09 -0.28 -0.52	10.16 -0.40 -0.73	14.57 -0.31 -0.04	17.89 -0.88 -0.51	18.95 -1.47 0.94	19.06 -1.05 0.00	18.24 -1.21 -0.19	16.19 -0.98 0.00	16.49 -0.78 0.00	16.10 -0.72 0.00	16.43 -0.76 0.00	15.95 -0.82 -0.06	16.87 -0.96 0.00	18.76 -1.24 -0.02	23.61 -1.05 -1.29	30.12 -1.85 0.00	35.25 -1.97 0.00	23.90 -0.97 -0.58	21.15 -0.73 -0.28	19.08 -0.61 0.00	17.22 -0.16 0.00
SENECA___ENERGY 23797	13.78 -0.04 -0.18	11.12 -0.04 -0.40	10.20 -0.02 -0.41	10.23 -0.02 -0.41	10.39 -0.01 -0.57	14.94 0.07 -0.03	18.69 0.04 -0.40	21.79 0.04 -0.38	20.13 0.02 0.00	19.18 -0.11 -0.04	17.07 -0.10 0.00	17.18 -0.09 0.00	16.77 -0.05 0.00	17.04 -0.16 0.00	16.52 -0.20 -0.01	17.62 -0.21 0.00	19.70 -0.28 0.00	23.59 -0.07 -0.29	31.78 -0.19 0.00	37.07 -0.15 0.00	24.30 -0.12 -0.13	21.56 -0.11 -0.06	19.44 -0.26 0.00	17.33 -0.05 0.00
SHOEMAKER___GT 23640	15.51 0.70 -1.18	13.86 0.53 -2.57	12.91 0.46 -2.63	12.92 0.45 -2.63	14.01 0.47 -3.70	15.75 0.70 -0.22	16.27 0.88 2.86	8.09 1.15 14.43	3.63 1.07 17.55	14.60 1.08 5.74	4.40 0.94 13.71	10.41 0.93 7.79	12.60 0.89 5.11	14.15 0.93 3.97	12.88 0.90 4.74	12.49 0.98 6.32	12.53 1.12 8.57	31.57 1.38 -6.82	17.50 1.92 16.39	39.42 2.20 0.00	28.80 1.43 -3.08	24.38 1.27 -1.51	20.79 1.10 0.00	18.18 0.80 0.00
SHOEMAKR_138KV_BK 111 55601	15.50 0.70 -1.16	13.83 0.53 -2.54	12.88 0.46 -2.60	12.89 0.45 -2.60	13.96 0.47 -3.66	15.75 0.70 -0.22	13.82 0.89 5.33	1.44 1.13 21.06	-3.92 1.07 25.09	11.63 1.10 8.72	-1.45 0.96 19.58	7.09 0.95 11.12	10.43 0.91 7.31	12.47 0.95 5.67	10.70 0.92 6.93	9.80 1.00 9.03	8.81 1.12 12.29	30.99 1.40 -6.22	10.48 1.92 23.41	39.42 2.20 0.00	28.53 1.43 -2.81	24.27 1.30 -1.37	20.80 1.10 0.00	18.18 0.80 0.00

SHOREHAM_IC_1 23715	16.59 1.53 -1.43	14.99 1.11 -3.12	13.92 0.91 -3.19	13.91 0.89 -3.19	15.19 0.87 -4.50	16.54 1.44 -0.27	25.54 1.90 -5.39	30.48 2.18 -6.94	28.66 1.95 -6.60	24.98 2.04 -3.68	24.06 1.79 -5.10	21.87 1.71 -2.90	20.51 1.78 -1.90	20.39 1.72 -1.48	20.76 1.81 -2.25	22.31 2.12 -2.35	25.85 2.50 -3.37	34.30 3.08 -7.84	43.47 4.09 -7.40	42.05 4.80 -0.03	33.72 3.13 -6.30	28.75 2.77 -4.39	22.29 2.58 -0.02	19.37 1.98 -0.01
SHOREHAM_IC_2 23716	16.59 1.53 -1.43	14.99 1.11 -3.12	13.92 0.91 -3.19	13.91 0.89 -3.19	15.19 0.87 -4.50	16.54 1.44 -0.27	25.54 1.90 -5.39	30.48 2.18 -6.94	28.66 1.95 -6.60	24.98 2.04 -3.68	24.06 1.79 -5.10	21.87 1.71 -2.90	20.51 1.78 -1.90	20.39 1.72 -1.48	20.76 1.81 -2.25	22.31 2.12 -2.35	25.85 2.50 -3.37	34.30 3.08 -7.84	43.47 4.09 -7.40	42.05 4.80 -0.03	33.72 3.13 -6.30	28.75 2.77 -4.39	22.29 2.58 -0.02	19.37 1.98 -0.01
SISSONVILLE____ 23735	13.32 -0.31 0.00	10.54 -0.23 0.00	9.60 -0.22 0.00	9.62 -0.22 0.00	9.64 -0.20 0.00	14.46 -0.37 0.00	17.89 -0.37 0.00	20.94 -0.43 0.00	19.71 -0.40 0.00	18.87 -0.39 0.00	16.84 -0.33 0.00	16.92 -0.35 0.00	16.45 -0.37 0.00	16.80 -0.40 0.00	16.36 -0.35 0.00	17.47 -0.36 0.00	19.60 -0.38 0.00	22.74 -0.63 0.00	31.37 -0.61 0.00	36.62 -0.60 0.00	23.80 -0.49 0.00	21.21 -0.39 0.00	19.48 -0.22 0.00	17.17 -0.21 0.00
SITHE_IND_GS1 24169	13.45 -0.27 -0.09	10.73 -0.23 -0.19	9.82 -0.20 -0.20	9.84 -0.20 -0.20	9.91 -0.20 -0.28	14.57 -0.28 -0.02	18.08 -0.36 -0.19	21.01 -0.43 -0.08	19.69 -0.42 0.00	18.78 -0.48 0.00	16.76 -0.41 0.00	16.85 -0.41 0.00	16.44 -0.39 0.00	16.76 -0.43 0.00	16.28 -0.43 0.00	17.31 -0.52 0.00	19.36 -0.62 0.00	22.74 -0.63 0.00	31.08 -0.90 0.00	36.18 -1.04 0.00	23.61 -0.68 0.00	21.00 -0.60 0.00	19.10 -0.59 0.00	16.98 -0.40 0.00
SITHE_IND_GS2 24170	13.45 -0.27 -0.09	10.73 -0.23 -0.19	9.82 -0.20 -0.20	9.84 -0.20 -0.20	9.91 -0.20 -0.28	14.57 -0.28 -0.02	18.08 -0.36 -0.19	21.01 -0.43 -0.08	19.69 -0.42 0.00	18.78 -0.48 0.00	16.76 -0.41 0.00	16.85 -0.41 0.00	16.44 -0.39 0.00	16.76 -0.43 0.00	16.28 -0.43 0.00	17.31 -0.52 0.00	19.36 -0.62 0.00	22.74 -0.63 0.00	31.08 -0.90 0.00	36.18 -1.04 0.00	23.61 -0.68 0.00	21.00 -0.60 0.00	19.10 -0.59 0.00	16.98 -0.40 0.00
SITHE_IND_GS3 24171	13.45 -0.27 -0.09	10.73 -0.23 -0.19	9.82 -0.20 -0.20	9.84 -0.20 -0.20	9.91 -0.20 -0.28	14.57 -0.28 -0.02	18.08 -0.36 -0.19	21.01 -0.43 -0.08	19.69 -0.42 0.00	18.78 -0.48 0.00	16.76 -0.41 0.00	16.85 -0.41 0.00	16.44 -0.39 0.00	16.76 -0.43 0.00	16.28 -0.43 0.00	17.31 -0.52 0.00	19.36 -0.62 0.00	22.74 -0.63 0.00	31.08 -0.90 0.00	36.18 -1.04 0.00	23.61 -0.68 0.00	21.00 -0.60 0.00	19.10 -0.59 0.00	16.98 -0.40 0.00
SITHE_IND_GS4 24172	13.45 -0.27 -0.09	10.73 -0.23 -0.19	9.82 -0.20 -0.20	9.84 -0.20 -0.20	9.91 -0.20 -0.28	14.57 -0.28 -0.02	18.08 -0.36 -0.19	21.01 -0.43 -0.08	19.69 -0.42 0.00	18.78 -0.48 0.00	16.76 -0.41 0.00	16.85 -0.41 0.00	16.44 -0.39 0.00	16.76 -0.43 0.00	16.28 -0.43 0.00	17.31 -0.52 0.00	19.36 -0.62 0.00	22.74 -0.63 0.00	31.08 -0.90 0.00	36.18 -1.04 0.00	23.61 -0.68 0.00	21.00 -0.60 0.00	19.10 -0.59 0.00	16.98 -0.40 0.00
SITHE____BATAVIA 24024	13.68 -0.15 -0.20	11.14 -0.05 -0.43	10.22 -0.04 -0.44	10.23 -0.05 -0.44	10.29 -0.16 -0.62	14.77 -0.10 -0.04	18.30 -0.38 -0.43	20.20 -0.73 0.43	19.34 -0.76 0.00	18.34 -0.96 -0.05	16.38 -0.79 0.00	16.57 -0.69 0.00	16.25 -0.57 0.00	16.45 -0.74 0.00	16.01 -0.72 -0.01	17.14 -0.70 0.00	19.04 -0.94 0.00	22.98 -0.70 -0.30	30.79 -1.18 0.00	35.95 -1.27 0.00	23.74 -0.68 -0.14	21.15 -0.52 -0.07	19.24 -0.45 0.00	17.22 -0.16 0.00
SITHE____INDEPEND 23800	13.45 -0.27 -0.09	10.73 -0.23 -0.19	9.82 -0.20 -0.20	9.84 -0.20 -0.20	9.91 -0.20 -0.28	14.57 -0.28 -0.02	18.08 -0.37 -0.19	20.95 -0.49 -0.08	19.63 -0.48 0.00	18.83 -0.50 -0.07	16.74 -0.43 0.00	16.85 -0.41 0.00	16.40 -0.42 0.00	16.74 -0.45 0.00	16.30 -0.43 -0.02	17.31 -0.52 0.00	19.37 -0.62 -0.01	23.23 -0.63 -0.49	31.08 -0.90 0.00	36.18 -1.04 0.00	23.83 -0.68 -0.22	21.10 -0.60 -0.11	19.10 -0.59 0.00	16.98 -0.40 0.00
SITHE____MASSENA 23902	13.36 -0.27 0.00	10.57 -0.19 0.00	9.63 -0.19 0.00	9.66 -0.18 0.00	9.66 -0.18 0.00	14.52 -0.31 0.00	17.93 -0.33 0.00	20.89 -0.47 0.00	19.71 -0.40 0.00	18.91 -0.35 0.00	16.89 -0.28 0.00	16.99 -0.28 0.00	16.52 -0.30 0.00	16.88 -0.31 0.00	16.43 -0.28 0.00	17.55 -0.29 0.00	19.72 -0.26 0.00	22.91 -0.47 0.00	31.43 -0.54 0.00	36.66 -0.56 0.00	23.85 -0.44 0.00	21.21 -0.39 0.00	19.46 -0.24 0.00	17.17 -0.21 0.00
SITHE____OGDNSBRG 24021	13.49 -0.15 0.00	10.67 -0.10 0.00	9.71 -0.11 0.00	9.74 -0.10 0.00	9.75 -0.08 0.00	14.63 -0.21 0.00	18.09 -0.16 0.00	21.38 0.02 0.00	20.09 -0.02 0.00	19.24 -0.02 0.00	17.19 0.02 0.00	17.21 -0.05 0.00	16.74 -0.08 0.00	17.11 -0.09 0.00	16.64 -0.07 0.00	17.76 -0.07 0.00	19.94 -0.04 0.00	23.23 -0.14 0.00	31.81 -0.16 0.00	37.11 -0.11 0.00	24.12 -0.17 0.00	21.45 -0.15 0.00	19.65 -0.04 0.00	17.31 -0.07 0.00
SITHE____STERLING 23777	14.10 0.38 -0.09	11.22 0.27 -0.19	10.26 0.25 -0.20	10.28 0.25 -0.19	10.37 0.27 -0.27	15.25 0.40 -0.02	18.94 0.49 -0.19	22.10 0.66 -0.08	20.71 0.60 0.00	19.74 0.48 0.00	17.63 0.46 0.00	17.70 0.43 0.00	17.24 0.42 0.00	17.59 0.40 0.00	17.04 0.33 0.00	18.21 0.38 0.00	20.34 0.36 0.00	23.98 0.61 0.00	32.90 0.93 0.00	38.34 1.12 0.00	24.97 0.68 0.00	22.18 0.58 0.00	20.07 0.37 0.00	17.80 0.42 0.00
SLEIGHT__34_KV_TB1 80719	14.13 0.33 -0.17	11.37 0.24 -0.37	10.45 0.26 -0.38	10.46 0.25 -0.38	10.63 0.27 -0.53	15.34 0.47 -0.03	19.19 0.57 -0.37	22.15 0.64 -0.15	20.71 0.60 0.00	19.90 0.50 -0.14	17.61 0.45 0.00	17.77 0.50 0.00	17.26 0.44 0.00	17.59 0.40 0.00	17.09 0.33 -0.04	18.17 0.34 0.00	20.31 0.32 -0.01	24.96 0.65 -0.93	32.81 0.83 0.00	38.30 1.08 0.00	25.24 0.53 -0.42	22.26 0.45 -0.21	19.91 0.22 0.00	17.73 0.35 0.00
SOUTH CAIRO____GT 23612	15.93 0.56 -1.73	14.99 0.45 -3.77	14.05 0.37 -3.86	14.06 0.36 -3.86	15.68 0.40 -5.44	15.77 0.61 -0.32	23.91 0.71 -4.95	26.66 1.13 -4.16	24.19 0.86 -3.22	22.53 0.71 -2.56	20.16 0.51 -2.47	19.15 0.48 -1.40	18.12 0.37 -0.92	18.41 0.50 -0.72	18.53 0.48 -1.33	19.58 0.61 -1.14	22.48 0.80 -1.70	33.32 1.00 -8.94	36.62 1.69 -2.96	38.97 1.75 0.00	29.47 1.14 -4.04	24.50 0.93 -1.98	20.38 0.69 0.00	17.88 0.50 0.00
SOUTH HAMPTN____IC 23720	16.74 1.68 -1.43	15.10 1.22 -3.12	14.02 1.01 -3.19	14.01 0.98 -3.19	15.28 0.95 -4.50	16.69 1.59 -0.27	25.74 2.10 -5.39	30.74 2.43 -6.94	28.90 2.19 -6.60	25.21 2.27 -3.68	24.26 1.99 -5.10	22.08 1.92 -2.90	20.71 1.98 -1.90	20.58 1.91 -1.48	20.94 1.99 -2.25	22.50 2.32 -2.35	26.07 2.72 -3.37	34.63 3.41 -7.84	43.94 4.57 -7.40	42.57 5.32 -0.02	34.03 3.45 -6.30	29.01 3.02 -4.39	22.51 2.80 -0.02	19.56 2.17 -0.01

SOUTHDOWN_115KV_TB1 355954	13.48 -0.41 -0.25	11.12 -0.19 -0.55	10.14 -0.24 -0.56	10.14 -0.26 -0.56	10.25 -0.37 -0.79	14.73 -0.15 -0.05	17.98 -0.82 -0.55	19.55 -1.35 0.47	19.36 -0.74 0.00	18.50 -0.96 -0.21	16.40 -0.77 0.00	16.71 -0.55 0.00	16.32 -0.50 0.00	16.61 -0.58 0.00	16.11 -0.67 -0.06	16.99 -0.84 0.00	18.96 -1.04 -0.02	24.03 -0.72 -1.38	30.69 -1.28 0.00	36.03 -1.19 0.00	24.45 -0.46 -0.62	21.58 -0.32 -0.31	19.38 -0.32 0.00	17.47 0.09 0.00
SOUTHOLD_69_KV_BK 2 55809	16.93 1.87 -1.43	15.25 1.37 -3.12	14.15 1.14 -3.19	14.15 1.12 -3.19	15.41 1.08 -4.50	16.88 1.78 -0.27	26.02 2.37 -5.39	31.06 2.76 -6.94	29.16 2.45 -6.60	25.46 2.60 -3.60	24.54 2.27 -5.10	22.34 2.18 -2.90	20.73 2.00 -1.90	20.78 2.11 -1.48	21.16 2.22 -2.22	22.77 2.59 -2.35	26.38 3.04 -3.37	34.54 3.83 -7.33	44.55 5.18 -7.40	43.34 6.10 -0.02	34.24 3.89 -6.07	29.26 3.39 -4.27	22.81 3.11 -0.01	19.82 2.43 -0.01
SOUTHOLD___IC 23719	16.93 1.87 -1.43	15.25 1.37 -3.12	14.15 1.14 -3.19	14.15 1.12 -3.19	15.41 1.08 -4.50	16.88 1.78 -0.27	26.02 2.37 -5.39	31.08 2.78 -6.94	29.20 2.49 -6.60	25.52 2.58 -3.68	24.52 2.25 -5.10	22.34 2.18 -2.90	20.95 2.22 -1.90	20.80 2.13 -1.48	21.18 2.22 -2.25	22.77 2.58 -2.35	26.39 3.04 -3.37	35.05 3.83 -7.84	44.55 5.18 -7.40	43.31 6.07 -0.02	34.50 3.91 -6.30	29.38 3.39 -4.39	22.82 3.11 -0.02	19.82 2.43 -0.01
SPIERFLS_115KV_TB 1 80737	16.34 0.82 -1.89	15.51 0.64 -4.12	14.61 0.58 -4.21	14.61 0.56 -4.21	16.34 0.57 -5.94	16.15 0.96 -0.35	24.62 1.22 -5.15	26.77 1.56 -3.85	24.26 1.41 -2.74	22.91 1.25 -2.40	20.30 1.05 -2.08	19.45 1.00 -1.18	18.48 0.87 -0.78	18.70 0.91 -0.60	18.78 0.87 -1.20	19.83 1.03 -0.96	22.49 1.06 -1.46	33.97 1.40 -9.19	36.86 2.40 -2.49	39.97 2.75 0.00	30.43 1.99 -4.15	25.30 1.66 -2.03	21.01 1.32 0.00	18.40 1.03 0.00
ST LAWRENCE____ 23600	13.28 -0.35 0.00	10.50 -0.26 0.00	9.58 -0.24 0.00	9.60 -0.24 0.00	9.60 -0.24 0.00	14.45 -0.39 0.00	17.81 -0.44 0.00	20.77 -0.60 0.00	19.59 -0.52 0.00	18.79 -0.46 0.00	16.79 -0.38 0.00	16.88 -0.38 0.00	16.44 -0.39 0.00	16.80 -0.39 0.00	16.34 -0.37 0.00	17.44 -0.39 0.00	19.60 -0.38 0.00	22.76 -0.61 0.00	31.21 -0.77 0.00	36.37 -0.85 0.00	23.70 -0.58 0.00	21.06 -0.54 0.00	19.32 -0.37 0.00	17.05 -0.33 0.00
STATE_CA_115KV_115_LB 55624	15.79 0.30 -1.85	15.07 0.27 -4.04	14.21 0.26 -4.13	14.22 0.25 -4.13	15.88 0.23 -5.82	15.57 0.39 -0.35	23.76 0.42 -5.09	25.87 0.58 -3.93	23.48 0.50 -2.87	22.14 0.46 -2.42	19.76 0.41 -2.18	18.88 0.38 -1.24	18.09 0.45 -0.81	18.27 0.45 -0.63	18.35 0.42 -1.23	19.35 0.52 -1.00	22.09 0.60 -1.51	33.12 0.72 -9.02	35.57 0.99 -2.60	38.30 1.08 0.00	29.14 0.78 -4.07	24.26 0.67 -1.99	20.18 0.49 0.00	17.73 0.35 0.00
STATE_ST_34_KV_LOAD 55959	13.99 0.18 -0.18	11.27 0.12 -0.39	10.36 0.14 -0.40	10.37 0.13 -0.40	10.54 0.14 -0.57	15.15 0.28 -0.03	18.98 0.33 -0.39	21.99 0.34 -0.28	20.43 0.32 0.00	19.64 0.23 -0.15	17.37 0.21 0.00	17.51 0.24 0.00	17.04 0.22 0.00	17.36 0.17 0.00	16.89 0.13 -0.05	17.92 0.09 0.00	20.07 0.08 -0.02	24.69 0.33 -0.99	32.33 0.35 0.00	37.70 0.48 0.00	24.98 0.24 -0.45	22.04 0.22 -0.22	19.71 0.02 0.00	17.57 0.19 0.00
STATION 5_MISC_HYD 23604	13.73 -0.07 -0.17	11.09 -0.03 -0.36	10.17 -0.02 -0.37	10.18 -0.03 -0.37	10.28 -0.08 -0.52	14.78 -0.09 -0.03	18.45 -0.16 -0.36	21.19 -0.32 -0.14	19.69 -0.42 0.00	18.72 -0.58 -0.04	16.71 -0.46 0.00	16.87 -0.40 0.00	16.47 -0.35 0.00	16.73 -0.46 0.00	16.27 -0.45 -0.01	17.39 -0.45 0.00	19.36 -0.62 0.00	23.18 -0.44 -0.26	31.27 -0.70 0.00	36.44 -0.78 0.00	23.92 -0.49 -0.12	21.25 -0.41 -0.06	19.28 -0.41 0.00	17.17 -0.21 0.00
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	13.82 0.01 -0.17	11.14 0.01 -0.37	10.23 0.04 -0.38	10.25 0.03 -0.38	10.37 0.01 -0.53	14.94 0.07 -0.03	18.66 0.04 -0.37	21.47 -0.04 -0.15	20.05 -0.06 0.00	19.18 -0.21 -0.14	17.01 -0.15 0.00	17.18 -0.09 0.00	16.69 -0.13 0.00	17.00 -0.19 0.00	16.55 -0.20 -0.04	17.62 -0.21 0.00	19.67 -0.32 -0.01	24.21 -0.09 -0.93	31.78 -0.19 0.00	37.07 -0.15 0.00	24.56 -0.15 -0.42	21.68 -0.13 -0.21	19.46 -0.24 0.00	17.31 -0.07 0.00
STA_56_34_KV_BUS2_REV_LBMP_B 345033	13.65 -0.15 -0.17	11.03 -0.10 -0.36	10.12 -0.07 -0.37	10.12 -0.09 -0.37	10.22 -0.13 -0.52	14.70 -0.16 -0.03	18.36 -0.26 -0.36	21.06 -0.45 -0.14	19.65 -0.46 0.00	18.78 -0.62 -0.14	16.69 -0.48 0.00	16.88 -0.38 0.00	16.39 -0.44 0.00	16.73 -0.46 0.00	16.29 -0.47 -0.04	17.31 -0.52 0.00	19.31 -0.68 -0.01	23.75 -0.54 -0.91	31.17 -0.80 0.00	36.33 -0.89 0.00	24.12 -0.58 -0.41	21.30 -0.50 -0.20	19.18 -0.51 0.00	17.07 -0.31 0.00
STA_56___34_KV_BUS2 355983	13.65 -0.15 -0.17	11.03 -0.10 -0.36	10.12 -0.07 -0.37	10.12 -0.09 -0.37	10.22 -0.13 -0.52	14.70 -0.16 -0.03	18.36 -0.26 -0.36	21.06 -0.45 -0.14	19.65 -0.46 0.00	18.78 -0.62 -0.14	16.69 -0.48 0.00	16.88 -0.38 0.00	16.39 -0.44 0.00	16.73 -0.46 0.00	16.29 -0.47 -0.04	17.31 -0.52 0.00	19.31 -0.68 -0.01	23.75 -0.54 -0.91	31.17 -0.80 0.00	36.33 -0.89 0.00	24.12 -0.58 -0.41	21.30 -0.50 -0.20	19.18 -0.51 0.00	17.07 -0.31 0.00
STA_67___115KV_BK2 355882	13.71 -0.10 -0.17	11.07 -0.05 -0.36	10.16 -0.03 -0.37	10.16 -0.05 -0.37	10.27 -0.09 -0.52	14.76 -0.10 -0.03	18.42 -0.20 -0.36	21.10 -0.41 -0.14	19.67 -0.44 0.00	18.80 -0.60 -0.14	16.72 -0.45 0.00	16.90 -0.36 0.00	16.42 -0.40 0.00	16.76 -0.43 0.00	16.32 -0.43 -0.04	17.35 -0.48 0.00	19.33 -0.66 -0.01	23.77 -0.51 -0.92	31.17 -0.80 0.00	36.36 -0.86 0.00	24.17 -0.53 -0.41	21.35 -0.45 -0.20	19.24 -0.45 0.00	17.14 -0.24 0.00
STA_7___115KV_9TRANS 80674	13.77 -0.03 -0.17	11.13 0.00 -0.36	10.21 0.02 -0.37	10.21 0.00 -0.37	10.32 -0.04 -0.52	14.84 -0.03 -0.03	18.53 -0.09 -0.36	21.21 -0.30 -0.14	19.79 -0.32 0.00	18.91 -0.48 -0.14	16.82 -0.34 0.00	17.01 -0.26 0.00	16.52 -0.30 0.00	16.86 -0.33 0.00	16.42 -0.33 -0.04	17.46 -0.37 0.00	19.45 -0.54 -0.01	23.96 -0.33 -0.92	31.43 -0.54 0.00	36.66 -0.56 0.00	24.34 -0.36 -0.41	21.50 -0.30 -0.20	19.36 -0.33 0.00	17.22 -0.16 0.00
STA_82___115KV_TB1 80780	13.72 -0.08 -0.17	11.09 -0.04 -0.37	10.16 -0.03 -0.37	10.17 -0.04 -0.37	10.27 -0.09 -0.53	14.76 -0.10 -0.03	18.44 -0.18 -0.37	21.10 -0.41 -0.14	19.67 -0.44 0.00	18.82 -0.58 -0.14	16.72 -0.45 0.00	16.90 -0.36 0.00	16.44 -0.39 0.00	16.76 -0.43 0.00	16.32 -0.43 -0.04	17.35 -0.48 0.00	19.33 -0.66 -0.01	23.80 -0.49 -0.92	31.21 -0.77 0.00	36.36 -0.86 0.00	24.17 -0.53 -0.42	21.37 -0.43 -0.20	19.26 -0.43 0.00	17.14 -0.24 0.00
STEEL___WIND 323596	13.42 -0.45 -0.23	11.00 -0.27 -0.51	10.08 -0.26 -0.52	10.08 -0.29 -0.52	10.16 -0.40 -0.73	14.55 -0.33 -0.04	17.87 -0.89 -0.51	18.99 -1.43 0.94	18.94 -1.17 0.00	18.00 -1.31 -0.05	16.07 -1.10 0.00	16.30 -0.97 0.00	16.08 -0.74 0.00	16.25 -0.95 0.00	15.76 -0.97 -0.02	16.85 -0.98 0.00	18.73 -1.26 -0.01	22.66 -1.07 -0.36	30.09 -1.89 0.00	35.21 -2.01 0.00	23.43 -1.02 -0.16	20.92 -0.76 -0.08	19.06 -0.63 0.00	17.21 -0.17 0.00

STEPHTWN_115KV_BK_2 55603	15.83 0.35 -1.84	15.08 0.31 -4.01	14.20 0.28 -4.10	14.21 0.28 -4.10	15.86 0.26 -5.78	15.64 0.46 -0.34	23.85 0.53 -5.07	26.03 0.70 -3.96	23.64 0.62 -2.91	22.26 0.58 -2.43	19.87 0.50 -2.21	18.99 0.47 -1.25	18.19 0.54 -0.82	18.38 0.55 -0.64	18.46 0.52 -1.23	19.47 0.62 -1.02	22.25 0.74 -1.53	33.24 0.91 -8.95	35.89 1.28 -2.64	38.63 1.41 0.00	29.30 0.97 -4.04	24.42 0.84 -1.98	20.32 0.63 0.00	17.83 0.45 0.00
STEUBEN_REC_LFGE 323667	13.85 -0.10 -0.31	11.37 -0.05 -0.66	10.47 -0.03 -0.68	10.47 -0.05 -0.68	10.70 -0.09 -0.96	15.04 0.15 -0.06	18.77 -0.15 -0.67	23.31 -0.38 -2.33	20.01 -0.10 0.00	19.20 -0.31 -0.25	16.91 -0.26 0.00	17.13 -0.14 0.00	16.69 -0.13 0.00	17.02 -0.17 0.00	16.54 -0.25 -0.08	17.51 -0.32 0.00	19.60 -0.40 -0.03	25.07 0.02 -1.68	31.81 -0.16 0.00	37.29 0.07 0.00	25.14 0.10 -0.76	22.10 0.13 -0.37	19.65 -0.04 0.00	17.67 0.30 0.00
STONY__BROOK 24151	16.48 1.42 -1.43	14.91 1.03 -3.12	13.85 0.84 -3.19	13.86 0.83 -3.19	15.13 0.80 -4.50	16.42 1.32 -0.27	25.42 1.77 -5.39	30.31 2.01 -6.94	28.56 1.85 -6.60	24.90 1.97 -3.68	24.00 1.73 -5.10	21.86 1.69 -2.90	20.48 1.75 -1.90	20.35 1.69 -1.48	20.71 1.75 -2.25	22.23 2.05 -2.35	25.75 2.40 -3.37	34.13 2.92 -7.84	43.29 3.90 -7.42	41.75 4.50 -0.03	33.55 2.96 -6.30	28.62 2.63 -4.39	22.15 2.44 -0.02	19.23 1.84 -0.01
STURGEON_POOL_HYD 23609	15.96 0.83 -1.50	14.65 0.62 -3.26	13.69 0.54 -3.34	13.70 0.53 -3.33	15.09 0.56 -4.70	15.90 0.79 -0.28	24.00 1.02 -4.73	27.39 1.35 -4.68	25.38 1.29 -3.99	23.21 1.29 -2.66	21.42 1.13 -3.12	20.16 1.12 -1.77	19.01 1.03 -1.16	19.16 1.07 -0.90	19.26 1.05 -1.50	20.41 1.14 -1.44	23.39 1.32 -2.09	32.39 1.52 -7.50	37.94 2.24 -3.73	39.64 2.42 0.00	29.23 1.55 -3.39	24.66 1.40 -1.66	20.91 1.22 0.00	18.28 0.90 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	15.64 0.78 -1.22	14.02 0.59 -2.67	13.07 0.52 -2.73	13.08 0.51 -2.73	14.20 0.52 -3.85	15.83 0.77 -0.23	24.65 1.00 -5.39	30.32 1.24 -7.72	28.93 1.19 -7.63	24.32 1.19 -3.87	24.13 1.06 -5.90	21.67 1.05 -3.35	20.05 1.03 -2.20	19.95 1.05 -1.71	20.21 1.02 -2.48	21.66 1.11 -2.72	25.04 1.24 -3.83	31.35 1.52 -6.45	41.13 2.11 -7.05	39.64 2.42 0.00	28.76 1.55 -2.91	24.43 1.40 -1.43	20.89 1.20 0.00	18.25 0.87 0.00
SWANROAD_115KV_TB1 355699	13.22 -0.63 -0.22	10.83 -0.41 -0.47	9.94 -0.36 -0.48	9.95 -0.37 -0.48	9.99 -0.52 -0.68	14.24 -0.64 -0.04	17.56 -1.17 -0.47	18.77 -1.88 0.71	18.42 -1.69 0.00	17.60 -1.83 -0.18	15.67 -1.49 0.00	15.94 -1.33 0.00	15.56 -1.26 0.00	15.88 -1.31 0.00	15.41 -1.35 -0.06	16.32 -1.52 0.00	18.12 -1.85 -0.02	22.72 -1.87 -1.19	28.97 -3.01 0.00	33.83 -3.39 0.00	22.95 -1.87 -0.54	20.35 -1.51 -0.26	18.43 -1.26 0.00	16.61 -0.76 0.00
SYNERGY__BIOGAS 323694	13.68 -0.15 -0.20	11.14 -0.05 -0.43	10.22 -0.04 -0.44	10.23 -0.05 -0.44	10.29 -0.16 -0.62	14.77 -0.10 -0.04	18.30 -0.38 -0.43	20.20 -0.73 0.43	19.34 -0.76 0.00	18.34 -0.96 -0.05	16.38 -0.79 0.00	16.57 -0.69 0.00	16.25 -0.57 0.00	16.45 -0.74 0.00	16.01 -0.72 -0.01	17.14 -0.70 0.00	19.04 -0.94 0.00	22.98 -0.70 -0.30	30.79 -1.18 0.00	35.95 -1.27 0.00	23.74 -0.68 -0.14	21.15 -0.52 -0.07	19.24 -0.45 0.00	17.22 -0.16 0.00
SYRACUSE__ENERGY_ST1 323597	13.90 0.12 -0.14	11.16 0.09 -0.31	10.24 0.10 -0.32	10.25 0.09 -0.32	10.39 0.11 -0.45	15.05 0.19 -0.03	18.79 0.22 -0.31	21.72 0.23 -0.12	20.31 0.20 0.00	19.51 0.13 -0.12	17.29 0.12 0.00	17.40 0.14 0.00	16.96 0.13 0.00	17.29 0.10 0.00	16.81 0.07 -0.04	17.85 0.02 0.00	19.99 0.00 -0.01	24.33 0.16 -0.79	32.17 0.19 0.00	37.48 0.26 0.00	24.74 0.10 -0.36	21.88 0.11 -0.17	19.65 -0.04 0.00	17.48 0.10 0.00
SYRACUSE__ENERGY_ST2 323598	13.90 0.12 -0.14	11.16 0.09 -0.31	10.24 0.10 -0.32	10.25 0.09 -0.32	10.39 0.11 -0.45	15.05 0.19 -0.03	18.79 0.22 -0.31	21.72 0.23 -0.12	20.31 0.20 0.00	19.51 0.13 -0.12	17.29 0.12 0.00	17.40 0.14 0.00	16.96 0.13 0.00	17.29 0.10 0.00	16.81 0.07 -0.04	17.85 0.02 0.00	19.99 0.00 -0.01	24.33 0.16 -0.79	32.17 0.19 0.00	37.48 0.26 0.00	24.74 0.10 -0.36	21.88 0.11 -0.17	19.65 -0.04 0.00	17.48 0.10 0.00
SYRACUSE__POWER 24017	13.83 0.04 -0.15	11.11 0.02 -0.33	10.18 0.03 -0.34	10.21 0.03 -0.34	10.33 0.03 -0.47	14.95 0.09 -0.03	18.67 0.09 -0.33	21.58 0.09 -0.13	20.19 0.08 0.00	19.36 -0.02 -0.12	17.15 -0.02 0.00	17.28 0.02 0.00	16.82 0.00 0.00	17.17 -0.02 0.00	16.70 -0.05 -0.04	17.74 -0.09 0.00	19.85 -0.14 -0.01	24.20 0.00 -0.83	31.91 -0.06 0.00	37.22 0.00 0.00	24.59 -0.07 -0.37	21.74 -0.04 -0.18	19.53 -0.16 0.00	17.38 0.00 0.00
TALLMAN__138KV_BK151 55660	15.79 0.86 -1.29	14.23 0.66 -2.81	13.29 0.59 -2.88	13.29 0.57 -2.88	14.47 0.58 -4.06	15.95 0.88 -0.24	25.30 1.13 -5.92	31.74 1.39 -8.99	30.47 1.33 -9.04	25.05 1.33 -4.46	25.36 1.18 -7.01	22.44 1.19 -3.98	20.58 1.14 -2.62	20.41 1.19 -2.03	20.76 1.15 -2.90	22.29 1.23 -3.23	25.89 1.38 -4.54	31.78 1.68 -6.72	42.66 2.30 -8.38	39.86 2.64 0.00	29.02 1.70 -3.04	24.64 1.56 -1.49	21.03 1.34 0.00	18.35 0.97 0.00
TEALLAVE_115KV_TB7 355573	13.76 0.00 -0.13	11.03 -0.01 -0.28	10.10 0.00 -0.28	10.12 0.00 -0.28	10.23 0.00 -0.40	14.89 0.03 -0.02	18.55 0.02 -0.28	21.47 0.00 -0.11	20.11 0.00 0.00	19.28 -0.08 -0.10	17.12 -0.05 0.00	17.23 -0.03 0.00	16.79 -0.03 0.00	17.12 -0.07 0.00	16.64 -0.10 -0.03	17.69 -0.14 0.00	19.79 -0.20 -0.01	23.98 -0.09 -0.70	31.78 -0.19 0.00	37.07 -0.15 0.00	24.46 -0.15 -0.32	21.62 -0.13 -0.15	19.48 -0.22 0.00	17.33 -0.05 0.00
TELGRAPH_34_KV_EAST 80808	13.50 -0.34 -0.20	11.02 -0.19 -0.45	10.11 -0.17 -0.46	10.11 -0.19 -0.46	10.17 -0.30 -0.64	14.56 -0.31 -0.04	18.01 -0.69 -0.45	19.57 -1.24 0.55	19.02 -1.09 0.00	18.15 -1.27 -0.17	16.16 -1.01 0.00	16.42 -0.85 0.00	16.00 -0.82 0.00	16.31 -0.88 0.00	15.86 -0.90 -0.05	16.83 -1.00 0.00	18.70 -1.30 -0.02	23.35 -1.15 -1.13	30.06 -1.92 0.00	35.10 -2.12 0.00	23.65 -1.14 -0.51	20.94 -0.91 -0.25	18.92 -0.77 0.00	17.00 -0.38 0.00
TEMPLE__115KV_TB 2 55572	13.76 0.00 -0.13	11.03 -0.01 -0.28	10.12 0.01 -0.29	10.13 0.00 -0.29	10.25 0.01 -0.40	14.90 0.04 -0.02	18.57 0.04 -0.28	21.47 0.00 -0.11	20.11 0.00 0.00	19.29 -0.08 -0.11	17.12 -0.05 0.00	17.23 -0.03 0.00	16.79 -0.03 0.00	17.12 -0.07 0.00	16.66 -0.08 -0.03	17.69 -0.14 0.00	19.79 -0.20 -0.01	23.99 -0.09 -0.71	31.81 -0.16 0.00	37.07 -0.15 0.00	24.46 -0.15 -0.32	21.63 -0.13 -0.16	19.48 -0.22 0.00	17.33 -0.05 0.00
TIANA__69_KV_BK 1 55817	16.69 1.62 -1.43	15.07 1.18 -3.12	13.99 0.98 -3.19	13.98 0.95 -3.19	15.25 0.92 -4.50	16.63 1.53 -0.27	25.69 2.04 -5.39	30.65 2.35 -6.94	28.76 2.05 -6.60	25.07 2.21 -3.60	24.21 1.94 -5.10	22.03 1.86 -2.90	20.44 1.72 -1.90	20.49 1.82 -1.48	20.87 1.94 -2.22	22.45 2.26 -2.35	26.00 2.66 -3.37	34.00 3.30 -7.33	43.78 4.41 -7.40	42.45 5.21 -0.02	33.71 3.35 -6.07	28.83 2.96 -4.27	22.44 2.74 -0.01	19.49 2.10 -0.01

TILDEN___115KV_TB1 80814	13.83 0.04 -0.15	11.11 0.02 -0.33	10.18 0.03 -0.34	10.21 0.03 -0.34	10.33 0.03 -0.47	14.95 0.09 -0.03	18.67 0.09 -0.33	21.58 0.09 -0.13	20.19 0.08 0.00	19.36 -0.02 -0.12	17.15 -0.02 0.00	17.28 0.02 0.00	16.82 0.00 0.00	17.17 -0.02 0.00	16.70 -0.05 -0.04	17.74 -0.09 0.00	19.85 -0.14 -0.01	24.20 0.00 -0.83	31.91 -0.06 0.00	37.22 0.00 0.00	24.59 -0.07 -0.37	21.74 -0.04 -0.18	19.53 -0.16 0.00	17.38 0.00 0.00
TRIGEN___CC 323695	16.12 1.05 -1.43	14.65 0.76 -3.12	13.65 0.64 -3.19	13.65 0.62 -3.19	14.94 0.61 -4.50	16.08 0.98 -0.27	24.98 1.33 -5.39	29.80 1.50 -6.94	28.12 1.41 -6.60	24.40 1.54 -3.60	23.68 1.41 -5.10	21.54 1.38 -2.90	20.02 1.30 -1.90	20.01 1.34 -1.48	20.32 1.39 -2.22	21.77 1.59 -2.35	25.13 1.80 -3.36	32.85 2.15 -7.33	42.17 2.88 -7.32	40.57 3.35 0.00	32.48 2.14 -6.06	27.83 1.97 -4.27	21.50 1.81 0.00	18.68 1.30 0.00
TRINITY__115KV__4 BK 55933	15.75 0.27 -1.84	15.02 0.25 -4.01	14.15 0.23 -4.11	14.17 0.23 -4.10	15.82 0.20 -5.79	15.53 0.36 -0.34	23.69 0.37 -5.07	25.83 0.51 -3.95	23.45 0.44 -2.90	22.09 0.40 -2.43	19.73 0.36 -2.20	18.84 0.33 -1.25	18.05 0.40 -0.82	18.22 0.40 -0.64	18.33 0.38 -1.23	19.31 0.46 -1.01	22.05 0.54 -1.53	33.00 0.65 -8.97	35.47 0.86 -2.63	38.15 0.93 0.00	29.02 0.68 -4.05	24.19 0.60 -1.98	20.13 0.43 0.00	17.67 0.30 0.00
UNION___PROCESSING_DRP 323587	13.72 -0.08 -0.17	11.09 -0.04 -0.37	10.17 -0.02 -0.37	10.17 -0.04 -0.37	10.27 -0.09 -0.53	14.76 -0.10 -0.03	18.44 -0.18 -0.37	21.10 -0.41 -0.14	19.69 -0.42 0.00	18.82 -0.58 -0.14	16.72 -0.45 0.00	16.92 -0.35 0.00	16.44 -0.39 0.00	16.78 -0.41 0.00	16.32 -0.43 -0.04	17.35 -0.48 0.00	19.35 -0.64 -0.01	23.81 -0.49 -0.92	31.21 -0.77 0.00	36.40 -0.82 0.00	24.19 -0.51 -0.42	21.37 -0.43 -0.20	19.26 -0.43 0.00	17.15 -0.23 0.00
UPPER HUDSON___HYD 24058	16.34 0.82 -1.89	15.51 0.63 -4.12	14.61 0.58 -4.21	14.61 0.56 -4.21	16.34 0.57 -5.94	16.15 0.96 -0.35	24.62 1.22 -5.15	26.84 1.62 -3.85	24.26 1.41 -2.74	22.97 1.25 -2.46	20.24 1.00 -2.08	19.41 0.97 -1.18	18.39 0.79 -0.78	18.70 0.91 -0.60	18.76 0.84 -1.22	19.82 1.03 -0.96	22.50 1.06 -1.46	34.37 1.40 -9.59	36.86 2.40 -2.49	39.97 2.75 0.00	30.61 1.99 -4.33	25.38 1.66 -2.12	21.01 1.32 0.00	18.40 1.03 0.00
UPPER RAQUET___HYD 24056	13.32 -0.31 0.00	10.54 -0.23 0.00	9.60 -0.22 0.00	9.62 -0.22 0.00	9.64 -0.20 0.00	14.46 -0.37 0.00	17.89 -0.36 0.00	20.83 -0.53 0.00	19.65 -0.46 0.00	18.83 -0.42 0.00	16.84 -0.33 0.00	16.92 -0.35 0.00	16.45 -0.37 0.00	16.80 -0.39 0.00	16.36 -0.35 0.00	17.48 -0.36 0.00	19.60 -0.38 0.00	22.74 -0.63 0.00	31.37 -0.61 0.00	36.62 -0.60 0.00	23.80 -0.49 0.00	21.21 -0.39 0.00	19.48 -0.22 0.00	17.17 -0.21 0.00
VALLEY44_115KV_TB2 355964	13.17 -0.72 -0.26	10.83 -0.50 -0.56	9.90 -0.49 -0.57	9.91 -0.50 -0.57	10.04 -0.60 -0.80	14.54 -0.34 -0.05	17.57 -1.24 -0.56	19.22 -1.79 0.35	19.36 -0.74 0.00	18.52 -0.94 -0.21	16.40 -0.77 0.00	16.69 -0.57 0.00	16.37 -0.45 0.00	16.68 -0.52 0.00	16.14 -0.63 -0.07	17.01 -0.82 0.00	18.94 -1.06 -0.02	23.99 -0.79 -1.41	30.57 -1.41 0.00	35.84 -1.38 0.00	24.29 -0.63 -0.64	21.44 -0.48 -0.31	19.26 -0.43 0.00	17.47 0.09 0.00
VALLEY___115KV_TB 1-4 80826	13.85 0.22 0.00	10.92 0.16 0.00	9.96 0.14 0.00	9.99 0.15 0.00	10.00 0.17 0.00	15.09 0.25 0.00	18.60 0.35 0.00	21.81 0.45 0.00	20.55 0.44 0.00	19.70 0.44 0.00	17.58 0.41 0.00	17.64 0.38 0.00	17.19 0.37 0.00	17.57 0.38 0.00	17.06 0.35 0.00	18.21 0.37 0.00	20.40 0.42 0.00	23.98 0.61 0.00	32.90 0.93 0.00	38.26 1.04 0.00	24.97 0.68 0.00	22.20 0.60 0.00	20.18 0.49 0.00	17.81 0.43 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	15.10 0.79 -0.68	12.84 0.60 -1.48	11.85 0.52 -1.51	11.90 0.55 -1.51	12.53 0.56 -2.13	15.75 0.79 -0.13	20.70 0.97 -1.48	22.43 1.26 0.19	20.43 1.21 0.88	20.77 1.31 -0.20	17.65 1.20 0.72	18.01 1.16 0.41	17.67 1.11 0.27	18.15 1.17 0.21	17.69 1.07 0.09	18.68 1.18 0.33	20.82 1.24 0.40	28.72 1.61 -3.73	33.42 2.30 0.86	39.86 2.64 0.00	27.74 1.77 -1.68	23.96 1.53 -0.82	20.93 1.24 0.00	18.37 0.99 0.00
VISCHER___FERRY HYD 24020	16.00 0.50 -1.86	15.23 0.41 -4.06	14.34 0.37 -4.15	14.35 0.36 -4.15	16.05 0.36 -5.85	15.78 0.59 -0.35	24.06 0.68 -5.13	26.23 0.94 -3.93	23.77 0.81 -2.85	22.46 0.71 -2.49	19.94 0.60 -2.17	19.08 0.59 -1.23	18.19 0.55 -0.81	18.45 0.64 -0.63	18.57 0.62 -1.24	19.56 0.73 -1.00	22.33 0.84 -1.52	33.90 1.03 -9.50	36.00 1.44 -2.59	38.78 1.56 0.00	29.69 1.12 -4.29	24.67 0.97 -2.10	20.46 0.77 0.00	17.97 0.59 0.00
V_A_10_SYNC_DSASP 323832	13.48 -0.35 -0.20	10.99 -0.22 -0.44	10.07 -0.20 -0.45	10.07 -0.22 -0.45	10.15 -0.32 -0.63	14.44 -0.43 -0.04	17.98 -0.71 -0.44	19.69 -1.17 0.50	18.74 -1.37 0.00	17.82 -1.48 -0.05	15.93 -1.24 0.00	16.12 -1.14 0.00	15.87 -0.96 0.00	16.06 -1.14 0.00	15.57 -1.15 -0.01	16.65 -1.18 0.00	18.51 -1.48 0.00	22.25 -1.43 -0.31	29.61 -2.37 0.00	34.58 -2.64 0.00	22.94 -1.48 -0.14	20.48 -1.19 -0.07	18.69 -1.00 0.00	16.77 -0.61 0.00
V_CMM_10_SYNC_DSASP 323787	13.35 -0.29 0.00	10.57 -0.19 0.00	9.63 -0.19 0.00	9.66 -0.18 0.00	9.66 -0.18 0.00	14.52 -0.31 0.00	17.93 -0.33 0.00	20.87 -0.49 0.00	19.71 -0.40 0.00	18.91 -0.35 0.00	16.89 -0.28 0.00	16.99 -0.28 0.00	16.52 -0.30 0.00	16.88 -0.31 0.00	16.44 -0.27 0.00	17.55 -0.29 0.00	19.64 -0.34 0.00	22.81 -0.56 0.00	31.27 -0.70 0.00	36.48 -0.74 0.00	23.75 -0.53 0.00	21.10 -0.50 0.00	19.38 -0.32 0.00	17.08 -0.30 0.00
V_CMP_10_SYNC_DSASP 323788	12.87 -0.76 0.00	10.28 -0.48 0.00	9.38 -0.44 0.00	9.39 -0.45 0.00	9.38 -0.45 0.00	14.06 -0.77 0.00	17.45 -0.80 0.00	20.38 -0.98 0.00	19.24 -0.86 0.00	18.47 -0.79 0.00	16.48 -0.69 0.00	16.61 -0.66 0.00	16.23 -0.59 0.00	16.64 -0.55 0.00	16.28 -0.43 0.00	17.44 -0.39 0.00	19.80 -0.18 0.00	23.14 -0.23 0.00	31.97 0.00 0.00	37.29 0.07 0.00	24.09 -0.20 0.00	21.30 -0.30 0.00	19.50 -0.20 0.00	17.22 -0.16 0.00
V_E_10_SYNC_DSASP 323830	15.07 0.98 -0.45	12.47 0.72 -0.99	11.46 0.63 -1.01	11.51 0.66 -1.01	11.97 0.71 -1.43	15.94 1.02 -0.08	20.50 1.26 -0.99	23.58 1.67 -0.55	21.60 1.49 0.00	20.60 1.12 -0.23	18.28 1.12 0.00	18.32 1.05 0.00	17.90 1.08 0.00	18.22 1.03 0.00	17.65 0.87 -0.07	18.85 1.02 0.00	21.02 1.02 -0.02	26.64 1.73 -1.54	34.63 2.65 0.00	40.38 3.16 0.00	26.98 1.99 -0.70	23.60 1.66 -0.34	20.83 1.14 0.00	18.51 1.13 0.00
V_F_30_NSYNC___DSASP 323816	16.22 0.70 -1.89	15.41 0.54 -4.11	14.51 0.49 -4.21	14.52 0.48 -4.20	16.24 0.48 -5.93	15.99 0.80 -0.35	24.38 0.98 -5.15	26.53 1.30 -3.86	23.99 1.13 -2.75	22.72 1.00 -2.46	20.08 0.82 -2.09	19.25 0.79 -1.19	18.34 0.74 -0.78	18.62 0.83 -0.61	18.72 0.79 -1.22	19.74 0.94 -0.96	22.49 1.04 -1.47	34.29 1.33 -9.58	36.46 1.98 -2.50	39.49 2.27 0.00	30.19 1.58 -4.33	25.06 1.34 -2.12	20.77 1.08 0.00	18.21 0.83 0.00

V_F_30_SYNC_DSASP 323786	15.79 0.30 -1.85	15.07 0.27 -4.04	14.20 0.25 -4.13	14.21 0.25 -4.13	15.87 0.22 -5.82	15.57 0.39 -0.35	23.76 0.42 -5.09	25.87 0.58 -3.93	23.48 0.50 -2.87	22.14 0.46 -2.42	19.74 0.39 -2.18	18.86 0.36 -1.24	18.07 0.44 -0.81	18.27 0.45 -0.63	18.35 0.42 -1.23	19.35 0.52 -1.00	22.09 0.60 -1.52	33.12 0.72 -9.02	35.57 0.99 -2.61	38.30 1.08 0.00	29.14 0.78 -4.07	24.26 0.67 -1.99	20.18 0.49 0.00	17.73 0.35 0.00
V_XM_10_SYNC_DSASP 323789	12.87 -0.76 0.00	10.28 -0.48 0.00	9.38 -0.44 0.00	9.39 -0.45 0.00	9.38 -0.45 0.00	14.06 -0.77 0.00	17.45 -0.80 0.00	20.38 -0.98 0.00	19.24 -0.86 0.00	18.47 -0.79 0.00	16.48 -0.69 0.00	16.61 -0.66 0.00	16.23 -0.59 0.00	16.64 -0.55 0.00	16.28 -0.43 0.00	17.44 -0.39 0.00	19.80 -0.18 0.00	23.14 -0.23 0.00	31.97 0.00 0.00	37.29 0.07 0.00	24.09 -0.20 0.00	21.30 -0.30 0.00	19.50 -0.20 0.00	17.22 -0.16 0.00
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	15.84 0.90 -1.31	14.30 0.69 -2.85	13.35 0.61 -2.92	13.35 0.59 -2.92	14.54 0.60 -4.11	15.98 0.90 -0.24	25.16 1.17 -5.74	31.26 1.45 -8.44	29.90 1.39 -8.40	24.87 1.39 -4.23	24.90 1.22 -6.52	22.19 1.23 -3.70	20.43 1.18 -2.43	20.30 1.22 -1.89	20.62 1.19 -2.72	22.10 1.27 -3.00	25.64 1.44 -4.22	31.92 1.75 -6.79	42.16 2.40 -7.79	39.97 2.75 0.00	29.13 1.77 -3.07	24.70 1.60 -1.50	21.09 1.40 0.00	18.39 1.01 0.00
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	16.06 1.00 -1.43	14.65 0.77 -3.12	13.71 0.70 -3.19	13.71 0.68 -3.19	15.00 0.68 -4.49	16.12 1.02 -0.27	25.00 1.35 -5.40	30.02 1.71 -6.95	28.31 1.59 -6.61	24.44 1.58 -3.61	23.69 1.41 -5.11	21.58 1.42 -2.90	20.09 1.36 -1.91	20.08 1.41 -1.48	20.32 1.39 -2.23	21.69 1.50 -2.36	24.96 1.64 -3.34	32.59 1.94 -7.28	40.64 2.56 -6.11	40.16 2.94 0.00	29.47 1.89 -3.28	24.98 1.77 -1.61	21.27 1.58 0.00	18.51 1.13 0.00
W50THST__13_KV_LOAD 356117	16.10 1.04 -1.43	14.69 0.81 -3.12	13.73 0.73 -3.19	13.74 0.71 -3.19	15.04 0.72 -4.49	16.18 1.08 -0.27	25.07 1.42 -5.40	30.13 1.82 -6.95	28.43 1.71 -6.61	24.54 1.68 -3.61	23.79 1.51 -5.11	21.69 1.52 -2.90	20.19 1.46 -1.91	20.18 1.51 -1.48	20.41 1.47 -2.23	21.78 1.59 -2.36	25.06 1.74 -3.34	32.71 2.06 -7.28	40.80 2.72 -6.11	40.31 3.09 0.00	29.54 1.97 -3.28	25.04 1.84 -1.61	21.33 1.63 0.00	18.56 1.18 0.00
WADING RIVER_IC_1 23522	16.59 1.53 -1.43	14.99 1.11 -3.12	13.92 0.91 -3.19	13.91 0.89 -3.19	15.19 0.87 -4.50	16.53 1.42 -0.27	25.54 1.90 -5.39	30.48 2.18 -6.94	28.66 1.95 -6.60	24.98 2.04 -3.68	24.06 1.79 -5.10	21.89 1.73 -2.90	20.51 1.78 -1.90	20.39 1.72 -1.48	20.76 1.81 -2.25	22.31 2.12 -2.35	25.85 2.50 -3.37	34.30 3.08 -7.84	43.46 4.09 -7.40	42.05 4.80 -0.02	33.72 3.13 -6.30	28.75 2.77 -4.39	22.29 2.58 -0.02	19.37 1.98 -0.01
WADING RIVER_IC_2 23547	16.59 1.53 -1.43	14.99 1.11 -3.12	13.92 0.91 -3.19	13.91 0.89 -3.19	15.19 0.87 -4.50	16.53 1.42 -0.27	25.54 1.90 -5.39	30.48 2.18 -6.94	28.66 1.95 -6.60	24.98 2.04 -3.68	24.06 1.79 -5.10	21.89 1.73 -2.90	20.51 1.78 -1.90	20.39 1.72 -1.48	20.76 1.81 -2.25	22.31 2.12 -2.35	25.85 2.50 -3.37	34.30 3.08 -7.84	43.46 4.09 -7.40	42.05 4.80 -0.02	33.72 3.13 -6.30	28.75 2.77 -4.39	22.29 2.58 -0.02	19.37 1.98 -0.01
WADING RIVER_IC_3 23601	16.59 1.53 -1.43	14.99 1.11 -3.12	13.92 0.91 -3.19	13.91 0.89 -3.19	15.19 0.87 -4.50	16.53 1.42 -0.27	25.54 1.90 -5.39	30.48 2.18 -6.94	28.66 1.95 -6.60	24.98 2.04 -3.68	24.06 1.79 -5.10	21.89 1.73 -2.90	20.51 1.78 -1.90	20.39 1.72 -1.48	20.76 1.81 -2.25	22.31 2.12 -2.35	25.85 2.50 -3.37	34.30 3.08 -7.84	43.46 4.09 -7.40	42.05 4.80 -0.02	33.72 3.13 -6.30	28.75 2.77 -4.39	22.29 2.58 -0.02	19.37 1.98 -0.01
WALDENNY_12_KV_BK2 80841	13.43 -0.44 -0.23	11.02 -0.25 -0.51	10.08 -0.26 -0.52	10.09 -0.27 -0.52	10.17 -0.39 -0.73	14.55 -0.33 -0.04	17.88 -0.88 -0.51	18.97 -1.47 0.91	19.02 -1.09 0.00	18.20 -1.25 -0.19	16.17 -1.00 0.00	16.45 -0.81 0.00	16.08 -0.74 0.00	16.40 -0.79 0.00	15.92 -0.85 -0.06	16.85 -0.98 0.00	18.74 -1.26 -0.02	23.55 -1.10 -1.28	30.06 -1.92 0.00	35.17 -2.05 0.00	23.84 -1.02 -0.58	21.10 -0.78 -0.28	19.04 -0.65 0.00	17.19 -0.19 0.00
WALDEN__HYDRO 24148	15.80 0.83 -1.33	14.29 0.62 -2.91	13.34 0.55 -2.97	13.34 0.53 -2.97	14.58 0.56 -4.19	15.90 0.82 -0.25	24.86 1.06 -5.55	30.58 1.39 -7.83	29.08 1.29 -7.68	24.60 1.27 -4.07	24.31 1.12 -6.03	21.79 1.11 -3.42	20.10 1.03 -2.25	20.02 1.08 -1.74	20.33 1.05 -2.57	21.75 1.14 -2.78	25.22 1.32 -3.92	32.40 1.66 -7.36	41.51 2.33 -7.20	39.90 2.68 0.00	29.34 1.72 -3.32	24.76 1.53 -1.63	20.99 1.30 0.00	18.33 0.96 0.00
WARRENSBURG____ 23737	16.34 0.82 -1.89	15.51 0.63 -4.12	14.61 0.58 -4.21	14.61 0.56 -4.21	16.34 0.57 -5.94	16.15 0.96 -0.35	24.62 1.22 -5.15	26.84 1.62 -3.85	24.26 1.41 -2.74	22.97 1.25 -2.46	20.24 1.00 -2.08	19.41 0.97 -1.18	18.39 0.79 -0.78	18.70 0.91 -0.60	18.76 0.84 -1.22	19.82 1.03 -0.96	22.50 1.06 -1.46	34.37 1.40 -9.59	36.86 2.40 -2.49	39.97 2.75 0.00	30.61 1.99 -4.33	25.38 1.66 -2.12	21.01 1.32 0.00	18.40 1.03 0.00
WATERSIDE____6 8 9 23538	16.09 1.02 -1.43	14.68 0.80 -3.12	13.73 0.73 -3.19	13.73 0.70 -3.19	15.02 0.70 -4.49	16.17 1.07 -0.27	25.04 1.39 -5.40	30.04 1.73 -6.95	30.21 1.63 -8.47	27.30 1.60 -6.45	28.31 1.42 -9.72	28.31 1.43 -9.61	24.00 1.38 -5.80	23.99 1.44 -5.35	23.31 1.40 -5.20	27.36 1.52 -8.01	27.35 1.66 -5.72	32.66 2.01 -7.28	40.71 2.62 -6.11	40.20 2.98 0.00	29.44 1.87 -3.28	25.02 1.81 -1.61	21.31 1.61 0.00	18.54 1.16 0.00
WATKINRD_115KV_LN8_ILLION 55919	13.84 0.20 0.00	10.91 0.15 0.00	9.96 0.14 0.00	9.98 0.14 0.00	9.98 0.15 0.00	15.06 0.22 0.00	18.53 0.27 0.00	21.73 0.36 0.00	20.45 0.34 0.00	19.60 0.35 0.00	17.48 0.31 0.00	17.56 0.29 0.00	17.11 0.29 0.00	17.48 0.29 0.00	16.98 0.27 0.00	18.13 0.30 0.00	20.32 0.34 0.00	23.84 0.47 0.00	32.68 0.70 0.00	38.00 0.78 0.00	24.80 0.51 0.00	22.05 0.45 0.00	20.07 0.37 0.00	17.69 0.31 0.00
WATSON__69_KV_BK 1 55734	16.59 1.53 -1.43	14.99 1.11 -3.12	13.93 0.92 -3.19	13.92 0.90 -3.19	15.19 0.87 -4.50	16.54 1.44 -0.27	25.58 1.93 -5.39	30.50 2.20 -6.94	28.66 1.95 -6.60	24.98 2.12 -3.60	24.14 1.87 -5.10	21.99 1.83 -2.90	20.43 1.70 -1.90	20.46 1.79 -1.48	20.80 1.87 -2.22	22.36 2.18 -2.35	25.88 2.54 -3.36	33.82 3.11 -7.33	43.46 4.12 -7.36	42.11 4.88 -0.01	33.51 3.16 -6.07	28.68 2.81 -4.27	22.28 2.58 -0.01	19.37 1.98 0.00
WDELAWARE__HYD 323627	15.80 0.94 -1.22	14.13 0.71 -2.66	13.13 0.59 -2.72	13.14 0.58 -2.72	14.29 0.63 -3.83	15.95 0.89 -0.23	22.51 1.17 -3.09	23.89 1.52 -1.01	21.49 1.39 0.00	21.68 1.39 -1.04	18.39 1.22 0.00	18.47 1.21 0.00	17.92 1.09 0.00	18.34 1.15 0.00	18.16 1.12 -0.33	19.04 1.21 0.00	21.46 1.38 -0.11	32.10 1.78 -6.95	34.50 2.53 0.00	40.16 2.94 0.00	29.27 1.84 -3.14	24.78 1.64 -1.54	21.11 1.42 0.00	18.42 1.04 0.00



WEST BABYLON___IC 23714	16.48 1.42 -1.43	14.91 1.03 -3.12	13.86 0.85 -3.19	13.86 0.83 -3.19	15.14 0.81 -4.50	16.44 1.34 -0.27	25.44 1.79 -5.39	30.33 2.03 -6.94	28.54 1.83 -6.60	24.84 1.98 -3.60	24.06 1.79 -5.10	21.91 1.74 -2.90	20.34 1.62 -1.90	20.37 1.70 -1.48	20.70 1.77 -2.22	22.25 2.07 -2.35	25.74 2.40 -3.36	33.60 2.90 -7.33	43.17 3.87 -7.33	41.80 4.58 -0.01	33.29 2.94 -6.07	28.51 2.64 -4.27	22.12 2.42 -0.01	19.21 1.82 -0.01
WEST CANADA___HYD 24049	13.68 0.04 0.00	10.78 0.02 0.00	9.84 0.02 0.00	9.86 0.02 0.00	9.85 0.02 0.00	14.86 0.03 0.00	18.29 0.04 0.00	21.45 0.09 0.00	20.17 0.06 0.00	19.31 0.06 0.00	17.22 0.05 0.00	17.30 0.03 0.00	16.86 0.03 0.00	17.24 0.05 0.00	16.76 0.05 0.00	17.89 0.05 0.00	20.04 0.06 0.00	23.49 0.12 0.00	32.13 0.16 0.00	37.41 0.19 0.00	24.41 0.12 0.00	21.71 0.11 0.00	19.75 0.06 0.00	17.43 0.05 0.00
WESTERN_NY_WIND 24143	13.67 -0.16 -0.20	11.14 -0.06 -0.44	10.22 -0.05 -0.45	10.22 -0.07 -0.45	10.28 -0.18 -0.63	14.75 -0.12 -0.04	18.27 -0.42 -0.44	20.09 -0.79 0.48	19.30 -0.80 0.00	18.30 -1.00 -0.05	16.34 -0.82 0.00	16.54 -0.72 0.00	16.22 -0.60 0.00	16.42 -0.77 0.00	15.97 -0.75 -0.01	17.10 -0.73 0.00	19.00 -0.98 0.00	22.93 -0.75 -0.31	30.73 -1.25 0.00	35.88 -1.34 0.00	23.70 -0.73 -0.14	21.11 -0.56 -0.07	19.20 -0.49 0.00	17.21 -0.17 0.00
WESTOVER___LESR 323668	14.22 0.14 -0.45	11.85 0.11 -0.97	10.92 0.11 -1.00	10.94 0.10 -1.00	11.33 0.09 -1.41	15.15 0.24 -0.08	19.38 0.15 -0.98	21.88 0.13 -0.39	20.35 0.24 0.00	19.51 -0.12 -0.37	17.08 -0.09 0.00	17.25 -0.02 0.00	16.84 0.02 0.00	17.17 -0.02 0.00	16.73 -0.10 -0.12	17.65 -0.18 0.00	19.78 -0.24 -0.04	25.81 -0.02 -2.46	31.85 -0.13 0.00	37.18 -0.04 0.00	25.40 0.00 -1.11	22.17 0.02 -0.54	19.59 -0.10 0.00	17.50 0.12 0.00
WETHRSFD_WT_PWR 323626	13.42 -0.48 -0.26	11.02 -0.31 -0.57	10.10 -0.30 -0.59	10.11 -0.32 -0.58	10.24 -0.41 -0.82	14.50 -0.39 -0.05	17.97 -0.86 -0.57	16.90 -1.26 3.21	18.98 -1.13 0.00	18.03 -1.29 -0.06	16.07 -1.10 0.00	16.26 -1.00 0.00	15.98 -0.84 0.00	16.18 -1.01 0.00	15.68 -1.05 -0.02	16.78 -1.05 0.00	18.73 -1.26 -0.01	22.72 -1.05 -0.40	30.22 -1.76 0.00	35.40 -1.82 0.00	23.50 -0.97 -0.18	20.93 -0.76 -0.09	18.98 -0.71 0.00	17.10 -0.28 0.00
WHAVSTOR_138KV_BK127 55557	15.81 0.86 -1.31	14.28 0.66 -2.86	13.33 0.59 -2.93	13.33 0.57 -2.92	14.53 0.57 -4.12	15.94 0.86 -0.25	25.08 1.11 -5.71	31.10 1.37 -8.37	29.73 1.31 -8.32	24.78 1.33 -4.20	24.79 1.17 -6.45	22.10 1.17 -3.66	20.36 1.13 -2.41	20.23 1.17 -1.87	20.54 1.14 -2.70	22.04 1.23 -2.97	25.54 1.38 -4.18	31.84 1.66 -6.81	41.96 2.27 -7.71	39.83 2.61 0.00	29.04 1.68 -3.07	24.64 1.53 -1.50	21.01 1.32 0.00	18.34 0.96 0.00
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	15.81 0.86 -1.31	14.28 0.66 -2.86	13.33 0.59 -2.93	13.33 0.57 -2.92	14.53 0.57 -4.12	15.94 0.86 -0.25	25.08 1.11 -5.71	31.10 1.37 -8.37	29.73 1.31 -8.32	24.78 1.33 -4.20	24.79 1.17 -6.45	22.10 1.17 -3.66	20.36 1.13 -2.41	20.23 1.17 -1.87	20.54 1.14 -2.70	22.04 1.23 -2.97	25.54 1.38 -4.18	31.84 1.66 -6.81	41.96 2.27 -7.71	39.83 2.61 0.00	29.04 1.68 -3.07	24.64 1.53 -1.50	21.01 1.32 0.00	18.34 0.96 0.00
WHITEHAL_115KV_TB1 80871	16.50 0.98 -1.89	15.64 0.76 -4.11	14.73 0.70 -4.21	14.73 0.68 -4.21	16.45 0.69 -5.93	16.37 1.19 -0.35	24.93 1.53 -5.15	27.16 1.94 -3.85	24.60 1.75 -2.75	23.20 1.54 -2.40	20.54 1.29 -2.09	19.67 1.23 -1.18	18.70 1.09 -0.78	18.93 1.13 -0.60	19.00 1.09 -1.20	20.08 1.28 -0.96	22.82 1.38 -1.46	34.39 1.82 -9.19	37.47 3.01 -2.49	40.72 3.50 0.00	30.94 2.50 -4.15	25.68 2.05 -2.03	21.31 1.61 0.00	18.67 1.29 0.00
WHITEPLN_13_KV_LOAD 356215	16.12 1.06 -1.42	14.67 0.81 -3.09	13.72 0.74 -3.17	13.71 0.71 -3.16	14.99 0.70 -4.46	16.15 1.05 -0.27	25.07 1.41 -5.41	30.16 1.75 -7.05	28.51 1.67 -6.73	24.56 1.66 -3.65	23.85 1.48 -5.21	21.69 1.47 -2.96	20.16 1.40 -1.94	20.14 1.44 -1.51	20.34 1.37 -2.26	21.73 1.50 -2.40	25.08 1.70 -3.40	32.64 2.03 -7.24	41.01 2.81 -6.22	40.38 3.16 0.00	29.55 1.99 -3.27	24.99 1.79 -1.60	21.27 1.58 0.00	18.53 1.15 0.00
WM_FLOYD_69_KV_BK2 356380	16.58 1.51 -1.43	14.98 1.10 -3.12	13.91 0.90 -3.19	13.90 0.88 -3.19	15.18 0.86 -4.50	16.53 1.42 -0.27	25.53 1.88 -5.39	30.46 2.16 -6.94	28.58 1.87 -6.60	24.90 2.04 -3.60	24.04 1.77 -5.10	21.87 1.71 -2.90	20.31 1.58 -1.90	20.34 1.67 -1.48	20.72 1.79 -2.22	22.29 2.10 -2.35	25.82 2.48 -3.36	33.77 3.06 -7.33	43.43 4.06 -7.40	42.04 4.80 -0.02	33.44 3.08 -6.07	28.62 2.74 -4.27	22.24 2.54 -0.01	19.35 1.96 -0.01
WOODARD___115KV_TB2 355635	13.75 -0.01 -0.13	11.02 -0.02 -0.28	10.11 0.00 -0.29	10.12 -0.01 -0.29	10.24 0.00 -0.40	14.89 0.03 -0.02	18.55 0.02 -0.28	21.45 -0.02 -0.11	20.09 -0.02 0.00	19.27 -0.10 -0.11	17.10 -0.07 0.00	17.21 -0.05 0.00	16.77 -0.05 0.00	17.11 -0.09 0.00	16.64 -0.10 -0.03	17.69 -0.14 0.00	19.79 -0.20 -0.01	23.96 -0.12 -0.71	31.78 -0.19 0.00	37.03 -0.19 0.00	24.44 -0.17 -0.32	21.63 -0.13 -0.16	19.48 -0.22 0.00	17.31 -0.07 0.00
YORK___WARBASSE 23770	16.13 1.06 -1.43	14.70 0.82 -3.12	13.75 0.75 -3.19	13.75 0.72 -3.19	15.03 0.71 -4.49	16.18 1.08 -0.27	25.04 1.39 -5.40	30.06 1.75 -6.95	30.23 1.65 -8.47	27.32 1.62 -6.45	28.33 1.44 -9.72	28.35 1.47 -9.61	24.02 1.40 -5.80	24.01 1.46 -5.35	23.33 1.42 -5.20	27.38 1.53 -8.01	27.39 1.70 -5.72	32.73 2.08 -7.28	40.83 2.75 -6.11	40.31 3.09 0.00	29.44 1.87 -3.28	25.07 1.86 -1.61	21.35 1.65 0.00	18.60 1.22 0.00