

Time Weighted/Integrated Real Time LBMP- Generator

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

Generator Data

05/25/2026

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
PTID	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT
59TH STREET_GT_1	28.33	24.70	16.58	16.13	14.95	23.03	26.81	28.46	27.12	30.02	31.38	24.45	18.89	10.44	5.04	-13.93	22.23	24.36	32.51	40.67	42.78	43.05	38.64
24138	1.56	1.00	0.88	0.84	0.77	1.15	1.29	1.42	1.31	1.45	1.67	1.56	1.35	0.80	0.43	-1.23	2.03	2.16	2.67	3.07	3.39	3.41	3.06
	-2.22	-6.91	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
74TH STREET_GT_1	28.32	24.68	16.57	16.12	14.94	23.01	26.79	28.43	27.08	29.98	31.34	24.42	18.85	10.42	5.03	-13.89	22.16	24.30	32.43	40.60	42.74	42.99	38.60
24260	1.55	0.98	0.87	0.83	0.76	1.13	1.27	1.39	1.27	1.41	1.63	1.53	1.31	0.78	0.42	-1.18	1.96	2.10	2.59	3.01	3.35	3.36	3.02
	-2.22	-6.91	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
74TH STREET_GT_2	28.32	24.68	16.57	16.12	14.94	23.01	26.79	28.43	27.08	29.98	31.34	24.42	18.85	10.42	5.03	-13.89	22.16	24.30	32.43	40.60	42.74	42.99	38.60
24261	1.55	0.98	0.87	0.83	0.76	1.13	1.27	1.39	1.27	1.41	1.63	1.53	1.31	0.78	0.42	-1.18	1.96	2.10	2.59	3.01	3.35	3.36	3.02
	-2.22	-6.91	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
ADK HUDSON___FALLS	28.95	26.06	16.80	16.38	15.22	23.35	27.15	28.71	27.33	30.31	31.27	23.96	18.23	10.02	4.83	-13.09	21.12	23.58	31.92	40.33	42.47	42.88	38.39
24011	1.80	1.17	1.09	1.08	1.03	1.47	1.63	1.67	1.52	1.73	1.56	1.08	0.69	0.37	0.21	-0.39	0.93	1.38	2.08	2.74	3.08	3.25	2.81
	-2.60	-8.10	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
ADK RESOURCE___RCVRY	29.17	26.19	16.93	16.52	15.36	23.50	27.31	28.85	27.48	30.50	31.46	24.07	18.29	10.04	4.84	-13.12	21.22	23.76	32.19	40.66	42.90	43.30	38.68
23798	2.02	1.30	1.22	1.22	1.18	1.62	1.79	1.81	1.67	1.92	1.75	1.18	0.75	0.40	0.23	-0.41	1.02	1.56	2.36	3.07	3.51	3.67	3.09
	-2.60	-8.10	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
ADK S GLENS___FALLS	28.95	26.06	16.80	16.38	15.22	23.35	27.15	28.71	27.33	30.31	31.27	23.96	18.23	10.02	4.83	-13.09	21.12	23.58	31.92	40.33	42.47	42.88	38.39
24028	1.80	1.17	1.09	1.08	1.03	1.47	1.63	1.67	1.52	1.73	1.56	1.08	0.69	0.37	0.21	-0.39	0.93	1.38	2.08	2.74	3.08	3.25	2.81
	-2.60	-8.10	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
ADK_NYS___DAM	28.40	25.54	16.52	16.09	14.92	22.97	26.71	28.11	26.71	29.63	30.71	23.65	18.11	10.01	4.80	-13.02	20.93	23.17	31.05	39.09	41.26	41.67	37.61
23527	1.32	0.87	0.81	0.80	0.74	1.10	1.19	1.06	0.90	1.05	1.00	0.76	0.57	0.36	0.19	-0.31	0.73	0.96	1.22	1.50	1.87	2.03	2.03
	-2.53	-7.88	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
AIR_PRODUCTS___DRP	27.81	25.14	16.14	15.72	14.58	22.46	26.09	27.55	26.08	28.88	30.11	23.23	17.80	9.81	4.71	-12.87	20.55	22.63	30.29	38.11	40.13	40.45	36.50
24190	0.73	0.48	0.44	0.43	0.39	0.58	0.57	0.51	0.27	0.30	0.40	0.34	0.26	0.17	0.10	-0.16	0.35	0.43	0.45	0.51	0.73	0.81	0.92
	-2.53	-7.87	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
AKWESSNE_115KV_BK	24.35	16.66	15.58	15.18	14.06	21.73	25.41	26.98	25.80	28.54	29.64	22.79	17.43	9.57	4.56	-12.63	20.01	21.99	29.61	37.33	38.99	39.16	35.12
355683	-0.20	-0.12	-0.12	-0.11	-0.13	-0.15	-0.11	-0.06	-0.01	-0.04	-0.06	-0.10	-0.11	-0.08	-0.05	0.07	-0.18	-0.21	-0.23	-0.27	-0.40	-0.47	-0.46
	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_SOLAR	28.12	25.27	16.37	15.94	14.79	22.79	26.53	28.03	26.58	29.40	30.60	23.56	17.95	9.87	4.72	-13.08	20.65	22.74	30.67	38.81	40.93	41.26	37.18
323833	1.07	0.71	0.67	0.65	0.60	0.92	1.00	0.99	0.78	0.82	0.89	0.67	0.41	0.22	0.11	-0.38	0.45	0.54	0.83	1.21	1.54	1.62	1.60
	-2.49	-7.77	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_2_SOLAR	28.11	25.27	16.37	15.94	14.79	22.79	26.52	28.03	26.58	29.40	30.59	23.56	17.95	9.87	4.72	-13.08	20.65	22.74	30.67	38.79	40.90	41.25	37.18
323834	1.07	0.71	0.66	0.64	0.60	0.92	1.00	0.99	0.77	0.82	0.88	0.67	0.41	0.22	0.11	-0.37	0.45	0.54	0.83	1.20	1.51	1.61	1.59
	-2.49	-7.77	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ALBANY___1	27.81	25.14	16.14	15.72	14.58	22.46	26.09	27.55	26.08	28.88	30.11	23.23	17.80	9.81	4.71	-12.87	20.55	22.63	30.29	38.11	40.13	40.45	36.50
23571	0.73	0.48	0.44	0.43	0.39	0.58	0.57	0.51	0.27	0.30	0.40	0.34	0.26	0.17	0.10	-0.16	0.35	0.43	0.45	0.51	0.73	0.81	0.92
	-2.53	-7.87	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___2	27.81	25.14	16.14	15.72	14.58	22.46	26.09	27.55	26.08	28.88	30.11	23.23	17.80	9.81	4.71	-12.87	20.55	22.63	30.29	38.11	40.13	40.45	36.50

23572	0.73 -2.53	0.48 -7.87	0.44 0.00	0.43 0.00	0.39 0.00	0.58 0.00	0.57 0.00	0.51 0.00	0.27 0.00	0.30 0.00	0.40 0.00	0.34 0.00	0.26 0.00	0.17 0.00	0.10 0.00	-0.16 0.00	0.35 0.00	0.43 0.00	0.45 0.00	0.51 0.00	0.73 0.00	0.81 0.00	0.92 0.00
ALBANY___3 23573	27.81 0.73 -2.53	25.14 0.48 -7.87	16.14 0.44 0.00	15.72 0.43 0.00	14.58 0.39 0.00	22.46 0.58 0.00	26.09 0.57 0.00	27.55 0.51 0.00	26.08 0.27 0.00	28.88 0.30 0.00	30.11 0.40 0.00	23.23 0.34 0.00	17.80 0.26 0.00	9.81 0.17 0.00	4.71 0.10 0.00	-12.87 -0.16 0.00	20.55 0.35 0.00	22.63 0.43 0.00	30.29 0.45 0.00	38.11 0.51 0.00	40.13 0.73 0.00	40.45 0.81 0.00	36.50 0.92 0.00
ALBANY___4 23574	27.81 0.73 -2.53	25.14 0.48 -7.87	16.14 0.44 0.00	15.72 0.43 0.00	14.58 0.39 0.00	22.46 0.58 0.00	26.09 0.57 0.00	27.55 0.51 0.00	26.08 0.27 0.00	28.88 0.30 0.00	30.11 0.40 0.00	23.23 0.34 0.00	17.80 0.26 0.00	9.81 0.17 0.00	4.71 0.10 0.00	-12.87 -0.16 0.00	20.55 0.35 0.00	22.63 0.43 0.00	30.29 0.45 0.00	38.11 0.51 0.00	40.13 0.73 0.00	40.45 0.81 0.00	36.50 0.92 0.00
ALBANY___LFGE 323615	28.01 0.91 -2.55	25.32 0.60 -7.94	16.26 0.55 0.00	15.83 0.54 0.00	14.69 0.50 0.00	22.62 0.74 0.00	26.29 0.77 0.00	27.78 0.74 0.00	26.31 0.51 0.00	29.16 0.58 0.00	30.37 0.66 0.00	23.43 0.54 0.00	17.95 0.41 0.00	9.89 0.25 0.00	4.75 0.14 0.00	-12.98 -0.27 0.00	20.72 0.52 0.00	22.84 0.64 0.00	30.60 0.76 0.00	38.50 0.91 0.00	40.53 1.14 0.00	40.86 1.22 0.00	36.86 1.28 0.00
ALCOA_PA_115KV_PL-6C 55860	24.42 -0.13 0.00	16.71 -0.08 0.00	15.63 -0.08 0.00	15.22 -0.07 0.00	14.10 -0.08 0.00	21.79 -0.09 0.00	25.48 -0.04 0.00	27.06 0.02 0.00	25.87 0.07 0.00	28.59 0.02 0.00	29.67 -0.04 0.00	22.80 -0.09 0.00	17.44 -0.10 0.00	9.57 -0.07 0.00	4.56 -0.05 0.00	-12.62 0.09 0.00	19.98 -0.21 0.00	21.97 -0.23 0.00	29.61 -0.23 0.00	37.37 -0.22 0.00	39.05 -0.34 0.00	39.21 -0.42 0.00	35.20 -0.39 0.00
ALCOA_RYNLDS___DRP 24188	24.42 -0.13 0.00	16.71 -0.08 0.00	15.63 -0.08 0.00	15.22 -0.07 0.00	14.10 -0.08 0.00	21.79 -0.09 0.00	25.48 -0.04 0.00	27.06 0.02 0.00	25.87 0.07 0.00	28.59 0.02 0.00	29.67 -0.04 0.00	22.80 -0.09 0.00	17.44 -0.10 0.00	9.57 -0.07 0.00	4.56 -0.05 0.00	-12.62 0.09 0.00	19.98 -0.21 0.00	21.97 -0.23 0.00	29.61 -0.23 0.00	37.37 -0.22 0.00	39.05 -0.35 0.00	39.21 -0.42 0.00	35.19 -0.39 0.00
ALCOA___DSASP 323711	24.42 -0.13 0.00	16.71 -0.08 0.00	15.63 -0.08 0.00	15.22 -0.07 0.00	14.10 -0.08 0.00	21.79 -0.09 0.00	25.48 -0.04 0.00	27.06 0.02 0.00	25.87 0.07 0.00	28.59 0.02 0.00	29.67 -0.04 0.00	22.80 -0.09 0.00	17.44 -0.10 0.00	9.57 -0.07 0.00	4.56 -0.05 0.00	-12.62 0.09 0.00	19.98 -0.21 0.00	21.97 -0.23 0.00	29.61 -0.23 0.00	37.37 -0.22 0.00	39.05 -0.35 0.00	39.21 -0.42 0.00	35.19 -0.39 0.00
ALLEGHENY___COGEN 23514	25.08 0.14 -0.38	18.06 0.10 -1.17	15.87 0.17 0.00	15.40 0.10 0.00	14.35 0.16 0.00	22.26 0.38 0.00	26.20 0.67 0.00	27.95 0.91 0.00	26.50 0.70 0.00	29.06 0.49 0.00	29.94 0.23 0.00	22.86 -0.03 0.00	17.34 -0.20 0.00	9.44 -0.20 0.00	4.50 -0.11 0.00	-12.73 -0.02 0.00	19.93 -0.26 0.00	21.90 -0.30 0.00	29.68 -0.16 0.00	38.12 0.52 0.00	40.60 1.21 0.00	41.02 1.38 0.00	36.48 0.89 0.00
ALTAMONT_115KV_TB 2 55880	27.85 0.78 -2.52	25.16 0.52 -7.86	16.18 0.47 0.00	15.76 0.46 0.00	14.62 0.43 0.00	22.51 0.64 0.00	26.20 0.68 0.00	27.71 0.67 0.00	26.32 0.51 0.00	29.15 0.58 0.00	30.33 0.62 0.00	23.40 0.51 0.00	17.94 0.40 0.00	9.89 0.24 0.00	4.75 0.13 0.00	-13.00 -0.30 0.00	20.74 0.54 0.00	22.83 0.63 0.00	30.64 0.80 0.00	38.58 0.99 0.00	40.60 1.21 0.00	40.92 1.29 0.00	36.82 1.25 0.00
ALTONA_WT_PWR 323606	24.36 -0.19 0.00	16.76 -0.03 0.00	15.68 -0.02 0.00	15.28 -0.01 0.00	14.17 -0.02 0.00	21.90 0.02 0.00	25.59 0.07 0.00	27.11 0.07 0.00	25.90 0.09 0.00	28.66 0.08 0.00	29.78 0.07 0.00	22.82 -0.07 0.00	17.44 -0.10 0.00	9.59 -0.05 0.00	4.58 -0.04 0.00	-12.62 0.08 0.00	20.00 -0.20 0.00	21.98 -0.22 0.00	29.60 -0.24 0.00	37.47 -0.13 0.00	39.22 -0.17 0.00	39.27 -0.37 0.00	35.26 -0.32 0.00
AMERICAN_REF_FUEL 24010	22.91 -1.99 -0.35	16.54 -1.33 -1.09	14.64 -1.06 0.00	14.15 -1.14 0.00	13.16 -1.02 0.00	20.31 -1.57 0.00	23.98 -1.54 0.00	25.56 -1.49 0.00	24.29 -1.52 0.00	26.80 -1.78 0.00	27.83 -1.88 0.00	21.36 -1.53 0.00	16.40 -1.14 0.00	9.04 -0.61 0.00	4.31 -0.30 0.00	-12.54 0.17 0.00	19.14 -1.06 0.00	20.66 -1.55 0.00	27.51 -2.33 0.00	34.33 -3.27 0.00	35.62 -3.78 0.00	35.89 -3.75 0.00	32.12 -3.46 0.00
ARKWRIGHT___SUMMIT_WT_PWR 323751	23.57 -1.37 -0.39	17.02 -0.97 -1.21	14.99 -0.71 0.00	14.65 -0.65 0.00	13.64 -0.55 0.00	21.15 -0.73 0.00	24.87 -0.66 0.00	26.54 -0.50 0.00	25.12 -0.69 0.00	27.80 -0.77 0.00	28.88 -0.83 0.00	22.04 -0.85 0.00	16.95 -0.59 0.00	9.34 -0.31 0.00	4.44 -0.17 0.00	-12.69 0.02 0.00	19.84 -0.35 0.00	21.57 -0.63 0.00	28.97 -0.87 0.00	36.33 -1.27 0.00	37.95 -1.44 0.00	38.28 -1.36 0.00	33.87 -1.71 0.00
ARTHUR_KILL_GT_1 23520	28.30 1.53 -2.22	24.67 0.97 -6.91	16.55 0.85 0.00	16.11 0.81 0.00	14.93 0.74 0.00	22.98 1.10 0.00	26.75 1.23 0.00	28.39 1.35 0.00	27.06 1.25 0.00	29.92 1.35 0.00	31.28 1.57 0.00	24.35 1.46 0.00	18.80 1.26 0.00	10.41 0.76 0.00	5.03 0.42 0.00	-13.88 -1.17 0.00	22.14 1.94 0.00	24.30 2.10 0.00	32.45 2.61 0.00	40.68 3.09 0.00	42.84 3.45 0.00	43.06 3.43 0.00	38.64 3.06 0.00
ARTHUR_KILL_2 23512	28.23 1.46 -2.22	24.62 0.93 -6.91	16.51 0.80 0.00	16.07 0.77 0.00	14.89 0.70 0.00	22.92 1.04 0.00	26.68 1.16 0.00	28.33 1.28 0.00	26.99 1.18 0.00	29.85 1.27 0.00	31.19 1.49 0.00	24.29 1.40 0.00	18.76 1.22 0.00	10.38 0.74 0.00	5.02 0.41 0.00	-13.84 -1.14 0.00	22.08 1.89 0.00	24.23 2.03 0.00	32.36 2.52 0.00	40.57 2.98 0.00	42.71 3.32 0.00	42.93 3.30 0.00	38.53 2.95 0.00
ARTHUR_KILL_3 23513	28.10 1.33 -2.22	24.53 0.83 -6.91	16.43 0.72 0.00	15.98 0.69 0.00	14.81 0.63 0.00	22.81 0.93 0.00	26.55 1.03 0.00	28.19 1.15 0.00	26.83 1.03 0.00	29.70 1.12 0.00	31.04 1.33 0.00	24.18 1.29 0.00	18.68 1.14 0.00	10.33 0.68 0.00	4.99 0.38 0.00	-13.77 -1.07 0.00	21.97 1.78 0.00	24.09 1.88 0.00	32.15 2.31 0.00	40.23 2.64 0.00	42.34 2.95 0.00	42.61 2.98 0.00	38.25 2.67 0.00
ARTHUR_KILL_COGEN	28.30	24.67	16.55	16.10	14.93	22.98	26.75	28.40	27.06	29.93	31.28	24.35	18.80	10.41	5.03	-13.88	22.14	24.30	32.45	40.68	42.84	43.06	38.64

323718	1.53 -2.22	0.97 -6.91	0.85 0.00	0.81 0.00	0.74 0.00	1.11 0.00	1.23 0.00	1.36 0.00	1.25 0.00	1.35 0.00	1.57 0.00	1.46 0.00	1.26 0.00	0.76 0.00	0.42 0.00	-1.17 0.00	1.94 0.00	2.10 0.00	2.61 0.00	3.09 0.00	3.45 0.00	3.42 0.00	3.06 0.00
ASHOKAN____ 23654	28.09 1.15 -2.38	24.86 0.64 -7.44	16.38 0.67 0.00	15.94 0.64 0.00	14.77 0.59 0.00	22.76 0.88 0.00	26.53 1.01 0.00	28.13 1.08 0.00	26.82 1.02 0.00	29.64 1.07 0.00	31.08 1.37 0.00	24.02 1.13 0.00	18.30 0.76 0.00	10.07 0.43 0.00	4.85 0.23 0.00	-13.32 -0.62 0.00	21.32 1.12 0.00	23.53 1.33 0.00	31.62 1.78 0.00	39.87 2.28 0.00	42.06 2.67 0.00	42.29 2.66 0.00	37.90 2.32 0.00
ASTORIA_EAST_ENERGY_CC1 323581	28.19 1.42 -2.22	24.58 0.88 -6.91	16.47 0.77 0.00	16.03 0.73 0.00	14.85 0.67 0.00	22.87 0.99 0.00	26.61 1.09 0.00	28.21 1.17 0.00	26.88 1.07 0.00	29.71 1.13 0.00	31.02 1.32 0.00	24.19 1.30 0.00	18.65 1.12 0.01	10.30 0.67 0.01	4.97 0.37 0.01	-13.74 -1.03 0.01	21.93 1.74 0.00	24.05 1.85 0.00	32.11 2.27 0.00	40.21 2.62 0.01	42.33 2.95 0.01	42.63 3.00 0.01	38.24 2.67 0.01
ASTORIA_EAST_ENERGY_CC2 323582	28.19 1.42 -2.22	24.58 0.89 -6.91	16.47 0.77 0.00	16.03 0.73 0.00	14.85 0.67 0.00	22.88 1.00 0.00	26.62 1.10 0.00	28.21 1.17 0.00	26.88 1.07 0.00	29.71 1.13 0.00	31.02 1.32 0.00	24.18 1.30 0.00	18.65 1.12 0.01	10.30 0.67 0.01	4.97 0.37 0.01	-13.74 -1.03 0.01	21.93 1.73 0.00	24.05 1.85 0.00	32.11 2.27 0.00	40.21 2.62 0.01	42.33 2.95 0.01	42.63 3.00 0.01	38.24 2.67 0.01
ASTORIA_GT2_1 24094	28.19 1.42 -2.22	24.58 0.89 -6.91	16.47 0.77 0.00	16.03 0.73 0.00	14.85 0.67 0.00	22.88 1.00 0.00	26.62 1.10 0.00	28.22 1.17 0.00	26.88 1.08 0.00	29.72 1.14 0.00	31.03 1.32 0.00	24.19 1.31 0.00	18.65 1.12 0.01	10.31 0.67 0.01	4.98 0.37 0.01	-13.75 -1.04 0.01	21.93 1.74 0.00	24.06 1.86 0.00	32.11 2.28 0.00	40.23 2.64 0.01	42.36 2.97 0.01	42.65 3.02 0.01	38.27 2.70 0.01
ASTORIA_GT2_2 24095	28.19 1.42 -2.22	24.58 0.89 -6.91	16.47 0.77 0.00	16.03 0.73 0.00	14.85 0.67 0.00	22.88 1.00 0.00	26.62 1.10 0.00	28.22 1.17 0.00	26.88 1.08 0.00	29.72 1.14 0.00	31.03 1.32 0.00	24.19 1.31 0.00	18.65 1.12 0.01	10.31 0.67 0.01	4.98 0.37 0.01	-13.75 -1.04 0.01	21.93 1.74 0.00	24.06 1.86 0.00	32.11 2.28 0.00	40.23 2.64 0.01	42.36 2.97 0.01	42.65 3.02 0.01	38.27 2.70 0.01
ASTORIA_GT2_3 24096	28.19 1.42 -2.22	24.58 0.89 -6.91	16.47 0.77 0.00	16.03 0.73 0.00	14.85 0.67 0.00	22.88 1.00 0.00	26.62 1.10 0.00	28.22 1.17 0.00	26.88 1.08 0.00	29.72 1.14 0.00	31.03 1.32 0.00	24.19 1.31 0.00	18.65 1.12 0.01	10.31 0.67 0.01	4.98 0.37 0.01	-13.75 -1.04 0.01	21.93 1.74 0.00	24.06 1.86 0.00	32.11 2.28 0.00	40.23 2.64 0.01	42.36 2.97 0.01	42.65 3.02 0.01	38.27 2.70 0.01
ASTORIA_GT2_4 24097	28.19 1.42 -2.22	24.58 0.89 -6.91	16.47 0.77 0.00	16.03 0.73 0.00	14.85 0.67 0.00	22.88 1.00 0.00	26.62 1.10 0.00	28.22 1.17 0.00	26.88 1.08 0.00	29.72 1.14 0.00	31.03 1.32 0.00	24.19 1.31 0.00	18.65 1.12 0.01	10.31 0.67 0.01	4.98 0.37 0.01	-13.75 -1.04 0.01	21.93 1.74 0.00	24.06 1.86 0.00	32.11 2.28 0.00	40.23 2.64 0.01	42.36 2.97 0.01	42.65 3.02 0.01	38.27 2.70 0.01
ASTORIA_GT3_1 24098	28.19 1.42 -2.22	24.58 0.89 -6.91	16.47 0.77 0.00	16.03 0.73 0.00	14.85 0.67 0.00	22.88 1.00 0.00	26.62 1.10 0.00	28.22 1.17 0.00	26.88 1.08 0.00	29.72 1.14 0.00	31.03 1.32 0.00	24.19 1.31 0.00	18.65 1.12 0.01	10.31 0.67 0.01	4.98 0.37 0.01	-13.75 -1.04 0.01	21.93 1.74 0.00	24.06 1.86 0.00	32.11 2.28 0.00	40.23 2.64 0.01	42.36 2.97 0.01	42.65 3.02 0.01	38.27 2.70 0.01
ASTORIA_GT3_2 24099	28.19 1.42 -2.22	24.58 0.89 -6.91	16.47 0.77 0.00	16.03 0.73 0.00	14.85 0.67 0.00	22.88 1.00 0.00	26.62 1.10 0.00	28.22 1.17 0.00	26.88 1.08 0.00	29.72 1.14 0.00	31.03 1.32 0.00	24.19 1.31 0.00	18.65 1.12 0.01	10.31 0.67 0.01	4.98 0.37 0.01	-13.75 -1.04 0.01	21.93 1.74 0.00	24.06 1.86 0.00	32.11 2.28 0.00	40.23 2.64 0.01	42.36 2.97 0.01	42.65 3.02 0.01	38.27 2.70 0.01
ASTORIA_GT3_3 24100	28.19 1.42 -2.22	24.58 0.89 -6.91	16.47 0.77 0.00	16.03 0.73 0.00	14.85 0.67 0.00	22.88 1.00 0.00	26.62 1.10 0.00	28.22 1.17 0.00	26.88 1.08 0.00	29.72 1.14 0.00	31.03 1.32 0.00	24.19 1.31 0.00	18.65 1.12 0.01	10.31 0.67 0.01	4.98 0.37 0.01	-13.75 -1.04 0.01	21.93 1.74 0.00	24.06 1.86 0.00	32.11 2.28 0.00	40.23 2.64 0.01	42.36 2.97 0.01	42.65 3.02 0.01	38.27 2.70 0.01
ASTORIA_GT3_4 24101	28.19 1.42 -2.22	24.58 0.89 -6.91	16.47 0.77 0.00	16.03 0.73 0.00	14.85 0.67 0.00	22.88 1.00 0.00	26.62 1.10 0.00	28.22 1.17 0.00	26.88 1.08 0.00	29.72 1.14 0.00	31.03 1.32 0.00	24.19 1.31 0.00	18.65 1.12 0.01	10.31 0.67 0.01	4.98 0.37 0.01	-13.75 -1.04 0.01	21.93 1.74 0.00	24.06 1.86 0.00	32.11 2.28 0.00	40.23 2.64 0.01	42.36 2.97 0.01	42.65 3.02 0.01	38.27 2.70 0.01
ASTORIA_GT4_1 24102	28.19 1.42 -2.22	24.58 0.89 -6.91	16.47 0.77 0.00	16.03 0.73 0.00	14.85 0.67 0.00	22.88 1.00 0.00	26.62 1.10 0.00	28.22 1.17 0.00	26.88 1.08 0.00	29.72 1.14 0.00	31.03 1.32 0.00	24.19 1.31 0.00	18.65 1.12 0.01	10.31 0.67 0.01	4.98 0.37 0.01	-13.75 -1.04 0.01	21.93 1.74 0.00	24.06 1.86 0.00	32.11 2.28 0.00	40.23 2.64 0.01	42.36 2.97 0.01	42.65 3.02 0.01	38.27 2.70 0.01
ASTORIA_GT4_2 24103	28.19 1.42 -2.22	24.58 0.89 -6.91	16.47 0.77 0.00	16.03 0.73 0.00	14.85 0.67 0.00	22.88 1.00 0.00	26.62 1.10 0.00	28.22 1.17 0.00	26.88 1.08 0.00	29.72 1.14 0.00	31.03 1.32 0.00	24.19 1.31 0.00	18.65 1.12 0.01	10.31 0.67 0.01	4.98 0.37 0.01	-13.75 -1.04 0.01	21.93 1.74 0.00	24.06 1.86 0.00	32.11 2.28 0.00	40.23 2.64 0.01	42.36 2.97 0.01	42.65 3.02 0.01	38.27 2.70 0.01
ASTORIA_GT4_3 24104	28.19 1.42 -2.22	24.58 0.89 -6.91	16.47 0.77 0.00	16.03 0.73 0.00	14.85 0.67 0.00	22.88 1.00 0.00	26.62 1.10 0.00	28.22 1.17 0.00	26.88 1.08 0.00	29.72 1.14 0.00	31.03 1.32 0.00	24.19 1.31 0.00	18.65 1.12 0.01	10.31 0.67 0.01	4.98 0.37 0.01	-13.75 -1.04 0.01	21.93 1.74 0.00	24.06 1.86 0.00	32.11 2.28 0.00	40.23 2.64 0.01	42.36 2.97 0.01	42.65 3.02 0.01	38.27 2.70 0.01
ASTORIA_GT4_4	28.19	24.58	16.47	16.03	14.85	22.88	26.62	28.22	26.88	29.72	31.03	24.19	18.65	10.31	4.98	-13.75	21.93	24.06	32.11	40.23	42.36	42.65	38.27

24105	1.42 -2.22	0.89 -6.91	0.77 0.00	0.73 0.00	0.67 0.00	1.00 0.00	1.10 0.00	1.17 0.00	1.08 0.00	1.14 0.00	1.32 0.00	1.31 0.00	1.12 0.01	0.67 0.01	0.37 0.01	-1.04 0.01	1.74 0.00	1.86 0.00	2.28 0.00	2.64 0.01	2.97 0.01	3.02 0.01	2.70 0.01
ASTORIA_GT_1 23523	28.23 1.46 -2.22	24.61 0.91 -6.91	16.50 0.80 0.00	16.05 0.76 0.00	14.88 0.69 0.00	22.90 1.03 0.00	26.66 1.13 0.00	28.26 1.22 0.00	26.93 1.12 0.00	29.76 1.19 0.00	31.08 1.38 0.00	24.24 1.34 0.00	18.68 1.15 0.01	10.32 0.69 0.01	4.98 0.38 0.01	-13.77 -1.06 0.01	21.97 1.78 0.00	24.10 1.90 0.00	32.17 2.33 0.00	40.29 2.71 0.01	42.42 3.04 0.01	42.72 3.10 0.01	38.31 2.74 0.01
ASTORIA_GT_10 24110	28.24 1.47 -2.22	24.63 0.93 -6.91	16.52 0.81 0.00	16.07 0.78 0.00	14.89 0.71 0.00	22.93 1.05 0.00	26.68 1.16 0.00	28.31 1.27 0.00	26.98 1.17 0.00	29.80 1.23 0.00	31.12 1.42 0.00	24.30 1.41 0.00	18.77 1.23 0.00	10.37 0.73 0.00	5.01 0.40 0.00	-13.82 -1.12 0.00	22.07 1.88 0.00	24.18 1.98 0.00	32.22 2.39 0.00	40.33 2.74 0.00	42.45 3.06 0.00	42.75 3.12 0.00	38.39 2.81 0.00
ASTORIA_GT_11 24225	28.24 1.47 -2.22	24.63 0.93 -6.91	16.52 0.81 0.00	16.07 0.78 0.00	14.89 0.71 0.00	22.93 1.05 0.00	26.68 1.16 0.00	28.31 1.27 0.00	26.98 1.17 0.00	29.80 1.23 0.00	31.12 1.42 0.00	24.30 1.41 0.00	18.77 1.23 0.00	10.37 0.73 0.00	5.01 0.40 0.00	-13.82 -1.12 0.00	22.07 1.88 0.00	24.18 1.98 0.00	32.22 2.39 0.00	40.33 2.74 0.00	42.45 3.06 0.00	42.75 3.12 0.00	38.39 2.81 0.00
ASTORIA_GT_12 24226	28.24 1.47 -2.22	24.63 0.93 -6.91	16.52 0.81 0.00	16.07 0.78 0.00	14.89 0.71 0.00	22.93 1.05 0.00	26.68 1.16 0.00	28.31 1.27 0.00	26.98 1.17 0.00	29.80 1.23 0.00	31.12 1.42 0.00	24.30 1.41 0.00	18.77 1.23 0.00	10.37 0.73 0.00	5.01 0.40 0.00	-13.82 -1.12 0.00	22.07 1.88 0.00	24.18 1.98 0.00	32.22 2.39 0.00	40.33 2.74 0.00	42.45 3.06 0.00	42.75 3.12 0.00	38.39 2.81 0.00
ASTORIA_GT_13 24227	28.24 1.47 -2.22	24.63 0.93 -6.91	16.52 0.81 0.00	16.07 0.78 0.00	14.89 0.71 0.00	22.93 1.05 0.00	26.68 1.16 0.00	28.31 1.27 0.00	26.98 1.17 0.00	29.80 1.23 0.00	31.12 1.42 0.00	24.30 1.41 0.00	18.77 1.23 0.00	10.37 0.73 0.00	5.01 0.40 0.00	-13.82 -1.12 0.00	22.07 1.88 0.00	24.18 1.98 0.00	32.22 2.39 0.00	40.33 2.74 0.00	42.45 3.06 0.00	42.75 3.12 0.00	38.39 2.81 0.00
ASTORIA_GT_5 24106	28.23 1.46 -2.22	24.61 0.91 -6.91	16.50 0.80 0.00	16.05 0.76 0.00	14.88 0.69 0.00	22.90 1.03 0.00	26.66 1.13 0.00	28.26 1.22 0.00	26.93 1.12 0.00	29.76 1.19 0.00	31.08 1.38 0.00	24.24 1.34 0.00	18.68 1.15 0.01	10.32 0.69 0.01	4.98 0.38 0.01	-13.77 -1.06 0.01	21.97 1.78 0.00	24.10 1.90 0.00	32.17 2.33 0.00	40.29 2.71 0.01	42.42 3.04 0.01	42.72 3.10 0.01	38.31 2.74 0.01
ASTORIA_GT_7 24107	28.23 1.46 -2.22	24.61 0.91 -6.91	16.50 0.80 0.00	16.05 0.76 0.00	14.88 0.69 0.00	22.90 1.03 0.00	26.66 1.13 0.00	28.26 1.22 0.00	26.93 1.12 0.00	29.76 1.19 0.00	31.08 1.38 0.00	24.24 1.34 0.00	18.68 1.15 0.01	10.32 0.69 0.01	4.98 0.38 0.01	-13.77 -1.06 0.01	21.97 1.78 0.00	24.10 1.90 0.00	32.17 2.33 0.00	40.29 2.71 0.01	42.42 3.04 0.01	42.72 3.10 0.01	38.31 2.74 0.01
ASTORIA_GT_8 24108	28.23 1.46 -2.22	24.61 0.91 -6.91	16.50 0.80 0.00	16.05 0.76 0.00	14.88 0.69 0.00	22.90 1.03 0.00	26.66 1.13 0.00	28.26 1.22 0.00	26.93 1.12 0.00	29.76 1.19 0.00	31.08 1.38 0.00	24.24 1.34 0.00	18.68 1.15 0.01	10.32 0.69 0.01	4.98 0.38 0.01	-13.77 -1.06 0.01	21.97 1.78 0.00	24.10 1.90 0.00	32.17 2.33 0.00	40.29 2.71 0.01	42.42 3.04 0.01	42.72 3.10 0.01	38.31 2.74 0.01
ASTORIA___2 24149	28.19 1.42 -2.22	24.58 0.89 -6.91	16.47 0.77 0.00	16.03 0.73 0.00	14.85 0.67 0.00	22.88 1.00 0.00	26.62 1.10 0.00	28.21 1.17 0.00	26.88 1.08 0.00	29.72 1.15 0.00	31.03 1.32 0.00	24.19 1.31 0.00	18.65 1.12 0.01	10.31 0.67 0.01	4.98 0.37 0.01	-13.75 -1.04 0.01	21.94 1.74 0.00	24.06 1.86 0.00	32.11 2.28 0.00	40.23 2.64 0.01	42.36 2.97 0.01	42.64 3.02 0.01	38.24 2.67 0.01
ASTORIA___3 23516	28.24 1.47 -2.22	24.63 0.93 -6.91	16.52 0.81 0.00	16.07 0.77 0.00	14.89 0.71 0.00	22.93 1.05 0.00	26.68 1.16 0.00	28.31 1.27 0.00	26.98 1.18 0.00	29.81 1.23 0.00	31.12 1.42 0.00	24.30 1.41 0.00	18.77 1.23 0.00	10.37 0.73 0.00	5.01 0.40 0.00	-13.82 -1.12 0.00	22.07 1.88 0.00	24.18 1.98 0.00	32.22 2.39 0.00	40.33 2.73 0.00	42.45 3.06 0.00	42.75 3.11 0.00	38.39 2.81 0.00
ASTORIA___4 23517	28.24 1.47 -2.22	24.63 0.93 -6.91	16.52 0.81 0.00	16.07 0.78 0.00	14.89 0.71 0.00	22.93 1.05 0.00	26.68 1.16 0.00	28.31 1.27 0.00	26.98 1.17 0.00	29.80 1.23 0.00	31.12 1.42 0.00	24.30 1.41 0.00	18.77 1.23 0.00	10.37 0.73 0.00	5.01 0.40 0.00	-13.82 -1.12 0.00	22.07 1.88 0.00	24.18 1.98 0.00	32.22 2.39 0.00	40.33 2.73 0.00	42.45 3.06 0.00	42.75 3.11 0.00	38.39 2.81 0.00
ASTORIA___5 23518	28.23 1.46 -2.22	24.63 0.93 -6.91	16.52 0.81 0.00	16.07 0.77 0.00	14.89 0.71 0.00	22.93 1.05 0.00	26.68 1.16 0.00	28.31 1.27 0.00	26.98 1.18 0.00	29.81 1.23 0.00	31.12 1.42 0.00	24.30 1.41 0.00	18.77 1.23 0.00	10.37 0.73 0.00	5.01 0.40 0.00	-13.82 -1.12 0.00	22.07 1.88 0.00	24.18 1.98 0.00	32.22 2.39 0.00	40.33 2.74 0.00	42.45 3.06 0.00	42.75 3.11 0.00	38.39 2.81 0.00
AST_ENERGY_2_CC3 323677	28.19 1.42 -2.22	24.60 0.90 -6.91	16.50 0.79 0.00	16.05 0.76 0.00	14.87 0.69 0.00	22.90 1.03 0.00	26.66 1.14 0.00	28.29 1.25 0.00	26.94 1.13 0.00	29.82 1.24 0.00	31.16 1.46 0.00	24.28 1.39 0.00	18.75 1.21 0.00	10.37 0.72 0.00	5.00 0.39 0.00	-13.81 -1.11 0.00	22.03 1.84 0.00	24.16 1.96 0.00	32.25 2.41 0.00	40.36 2.76 0.00	42.47 3.07 0.00	42.73 3.10 0.00	38.39 2.80 0.00
AST_ENERGY_2_CC4 323678	28.19 1.42 -2.22	24.60 0.90 -6.91	16.50 0.79 0.00	16.05 0.76 0.00	14.87 0.69 0.00	22.90 1.03 0.00	26.66 1.14 0.00	28.29 1.25 0.00	26.94 1.13 0.00	29.82 1.24 0.00	31.16 1.46 0.00	24.28 1.39 0.00	18.75 1.21 0.00	10.37 0.72 0.00	5.00 0.39 0.00	-13.81 -1.11 0.00	22.03 1.84 0.00	24.16 1.96 0.00	32.25 2.41 0.00	40.36 2.76 0.00	42.47 3.07 0.00	42.73 3.10 0.00	38.39 2.80 0.00
ATHENS_STG_1	27.80	24.64	16.25	15.83	14.67	22.60	26.31	27.83	26.48	29.34	30.59	23.67	18.19	10.04	4.83	-13.25	21.14	23.24	31.17	39.17	41.20	41.51	37.29

23668	0.92 -2.33	0.61 -7.25	0.54 0.00	0.53 0.00	0.49 0.00	0.72 0.00	0.78 0.00	0.79 0.00	0.67 0.00	0.76 0.00	0.88 0.00	0.78 0.00	0.66 0.00	0.40 0.00	0.21 0.00	-0.54 0.00	0.95 0.00	1.04 0.00	1.34 0.00	1.58 0.00	1.81 0.00	1.87 0.00	1.71 0.00
ATHENS_STG_2 23670	27.80 0.92 -2.33	24.64 0.61 -7.25	16.25 0.54 0.00	15.83 0.53 0.00	14.67 0.49 0.00	22.60 0.72 0.00	26.31 0.78 0.00	27.83 0.79 0.00	26.48 0.67 0.00	29.34 0.76 0.00	30.59 0.88 0.00	23.67 0.78 0.00	18.19 0.66 0.00	10.04 0.40 0.00	4.83 0.21 0.00	-13.25 -0.54 0.00	21.14 0.95 0.00	23.24 1.04 0.00	31.17 1.34 0.00	39.17 1.58 0.00	41.20 1.81 0.00	41.51 1.87 0.00	37.29 1.71 0.00
ATHENS_STG_3 23677	27.80 0.92 -2.33	24.64 0.61 -7.25	16.25 0.54 0.00	15.83 0.53 0.00	14.67 0.49 0.00	22.60 0.72 0.00	26.31 0.78 0.00	27.83 0.79 0.00	26.48 0.67 0.00	29.34 0.76 0.00	30.59 0.88 0.00	23.67 0.78 0.00	18.19 0.66 0.00	10.04 0.40 0.00	4.83 0.21 0.00	-13.25 -0.54 0.00	21.14 0.95 0.00	23.24 1.04 0.00	31.17 1.34 0.00	39.17 1.58 0.00	41.20 1.81 0.00	41.51 1.87 0.00	37.29 1.71 0.00
AUBURN___LFGE 323710	24.84 -0.01 -0.29	17.75 0.05 -0.91	15.77 0.06 0.00	15.35 0.06 0.00	14.25 0.07 0.00	22.01 0.13 0.00	25.69 0.16 0.00	27.17 0.13 0.00	25.86 0.05 0.00	28.63 0.05 0.00	29.74 0.03 0.00	22.85 -0.03 0.00	17.51 -0.03 0.00	9.61 -0.03 0.00	4.58 -0.03 0.00	-12.65 0.06 0.00	20.08 -0.12 0.00	22.11 -0.09 0.00	29.84 0.00 0.00	37.80 0.20 0.00	39.73 0.34 0.00	39.97 0.34 0.00	35.75 0.18 0.00
BABYLON_RES_REC 323704	28.64 1.87 -2.22	24.88 1.18 -6.92	16.74 1.04 0.00	16.25 0.96 0.00	15.08 0.90 0.00	23.10 1.23 0.00	26.86 1.34 0.00	28.51 1.46 0.00	27.22 1.42 0.00	30.32 1.74 0.00	31.81 2.10 0.00	24.70 1.81 0.00	19.04 1.49 0.00	10.51 0.86 0.00	5.05 0.44 0.00	-13.96 -1.26 0.00	22.23 2.04 0.00	24.50 2.30 0.00	32.69 2.85 0.00	41.16 3.56 0.00	43.38 3.99 0.00	43.56 3.93 0.00	39.45 3.87 0.00
BALL_HILL_WT_PWR 323825	23.59 -1.34 -0.38	17.03 -0.94 -1.18	14.99 -0.72 0.00	14.57 -0.72 0.00	13.54 -0.65 0.00	20.94 -0.94 0.00	24.62 -0.91 0.00	26.28 -0.77 0.00	24.88 -0.92 0.00	27.51 -1.07 0.00	28.59 -1.12 0.00	21.87 -1.02 0.00	16.80 -0.74 0.00	9.25 -0.40 0.00	4.40 -0.21 0.00	-12.62 0.08 0.00	19.64 -0.56 0.00	21.36 -0.84 0.00	28.64 -1.20 0.00	35.85 -1.74 0.00	37.39 -2.00 0.00	37.68 -1.96 0.00	33.44 -2.14 0.00
BARON_WINDS___WT_PWR 323822	23.98 -1.04 -0.47	17.59 -0.66 -1.46	15.15 -0.55 0.00	14.74 -0.55 0.00	13.75 -0.44 0.00	21.39 -0.48 0.00	25.16 -0.36 0.00	26.86 -0.18 0.00	25.50 -0.30 0.00	28.17 -0.41 0.00	29.25 -0.46 0.00	22.27 -0.61 0.00	16.98 -0.56 0.00	9.27 -0.38 0.00	4.40 -0.21 0.00	-12.44 0.26 0.00	19.55 -0.64 0.00	21.44 -0.76 0.00	29.10 -0.74 0.00	37.10 -0.49 0.00	39.06 -0.33 0.00	39.36 -0.28 0.00	35.01 -0.57 0.00
BARRETT_IC_1 23704	28.30 1.53 -2.22	24.65 0.94 -6.92	16.53 0.82 0.00	16.06 0.77 0.00	14.89 0.71 0.00	22.83 0.96 0.00	26.53 1.01 0.00	28.15 1.11 0.00	26.86 1.06 0.00	29.87 1.29 0.00	31.43 1.72 0.00	24.42 1.54 0.00	18.83 1.29 0.00	10.39 0.75 0.00	5.01 0.40 0.00	-13.81 -1.11 0.00	21.98 1.79 0.00	24.17 1.97 0.00	32.21 2.37 0.00	40.49 2.90 0.00	42.66 3.27 0.00	42.85 3.22 0.00	38.78 3.19 0.00
BARRETT_IC_10 23701	28.30 1.53 -2.22	24.65 0.94 -6.92	16.53 0.82 0.00	16.06 0.77 0.00	14.89 0.71 0.00	22.83 0.96 0.00	26.53 1.01 0.00	28.15 1.11 0.00	26.86 1.06 0.00	29.87 1.29 0.00	31.43 1.72 0.00	24.42 1.54 0.00	18.83 1.29 0.00	10.39 0.75 0.00	5.01 0.40 0.00	-13.81 -1.11 0.00	21.98 1.79 0.00	24.17 1.97 0.00	32.21 2.37 0.00	40.49 2.90 0.00	42.66 3.27 0.00	42.85 3.22 0.00	38.78 3.19 0.00
BARRETT_IC_11 23702	28.30 1.53 -2.22	24.65 0.94 -6.92	16.53 0.82 0.00	16.06 0.77 0.00	14.89 0.71 0.00	22.83 0.96 0.00	26.53 1.01 0.00	28.15 1.11 0.00	26.86 1.06 0.00	29.87 1.29 0.00	31.43 1.72 0.00	24.42 1.54 0.00	18.83 1.29 0.00	10.39 0.75 0.00	5.01 0.40 0.00	-13.81 -1.11 0.00	21.98 1.79 0.00	24.17 1.97 0.00	32.21 2.37 0.00	40.49 2.90 0.00	42.66 3.27 0.00	42.85 3.22 0.00	38.78 3.19 0.00
BARRETT_IC_12 23703	28.30 1.53 -2.22	24.65 0.94 -6.92	16.53 0.82 0.00	16.06 0.77 0.00	14.89 0.71 0.00	22.83 0.96 0.00	26.53 1.01 0.00	28.15 1.11 0.00	26.86 1.06 0.00	29.87 1.29 0.00	31.43 1.72 0.00	24.42 1.54 0.00	18.83 1.29 0.00	10.39 0.75 0.00	5.01 0.40 0.00	-13.81 -1.11 0.00	21.98 1.79 0.00	24.17 1.97 0.00	32.21 2.37 0.00	40.49 2.90 0.00	42.66 3.27 0.00	42.85 3.22 0.00	38.78 3.19 0.00
BARRETT_IC_2 23705	28.30 1.53 -2.22	24.65 0.94 -6.92	16.53 0.82 0.00	16.06 0.77 0.00	14.89 0.71 0.00	22.83 0.96 0.00	26.53 1.01 0.00	28.15 1.11 0.00	26.86 1.06 0.00	29.87 1.29 0.00	31.43 1.72 0.00	24.42 1.54 0.00	18.83 1.29 0.00	10.39 0.75 0.00	5.01 0.40 0.00	-13.81 -1.11 0.00	21.98 1.79 0.00	24.17 1.97 0.00	32.21 2.37 0.00	40.49 2.90 0.00	42.66 3.27 0.00	42.85 3.22 0.00	38.78 3.19 0.00
BARRETT_IC_3 23706	28.30 1.53 -2.22	24.65 0.94 -6.92	16.53 0.82 0.00	16.06 0.77 0.00	14.89 0.71 0.00	22.83 0.96 0.00	26.53 1.01 0.00	28.15 1.11 0.00	26.86 1.06 0.00	29.87 1.29 0.00	31.43 1.72 0.00	24.42 1.54 0.00	18.83 1.29 0.00	10.39 0.75 0.00	5.01 0.40 0.00	-13.81 -1.11 0.00	21.98 1.79 0.00	24.17 1.97 0.00	32.21 2.37 0.00	40.49 2.90 0.00	42.66 3.27 0.00	42.85 3.22 0.00	38.78 3.19 0.00
BARRETT_IC_4 23707	28.30 1.53 -2.22	24.65 0.94 -6.92	16.53 0.82 0.00	16.06 0.77 0.00	14.89 0.71 0.00	22.83 0.96 0.00	26.53 1.01 0.00	28.15 1.11 0.00	26.86 1.06 0.00	29.87 1.29 0.00	31.43 1.72 0.00	24.42 1.54 0.00	18.83 1.29 0.00	10.39 0.75 0.00	5.01 0.40 0.00	-13.81 -1.11 0.00	21.98 1.79 0.00	24.17 1.97 0.00	32.21 2.37 0.00	40.49 2.90 0.00	42.66 3.27 0.00	42.85 3.22 0.00	38.78 3.19 0.00
BARRETT_IC_5 23708	28.30 1.53 -2.22	24.65 0.94 -6.92	16.53 0.82 0.00	16.06 0.77 0.00	14.89 0.71 0.00	22.83 0.96 0.00	26.53 1.01 0.00	28.15 1.11 0.00	26.86 1.06 0.00	29.87 1.29 0.00	31.43 1.72 0.00	24.42 1.54 0.00	18.83 1.29 0.00	10.39 0.75 0.00	5.01 0.40 0.00	-13.81 -1.11 0.00	21.98 1.79 0.00	24.17 1.97 0.00	32.21 2.37 0.00	40.49 2.90 0.00	42.66 3.27 0.00	42.85 3.22 0.00	38.78 3.19 0.00
BARRETT_IC_6	28.30	24.65	16.53	16.06	14.89	22.83	26.53	28.15	26.86	29.87	31.43	24.42	18.83	10.39	5.01	-13.81	21.98	24.17	32.21	40.49	42.66	42.85	38.78

23709	1.53 -2.22	0.94 -6.92	0.82 0.00	0.77 0.00	0.71 0.00	0.96 0.00	1.01 0.00	1.11 0.00	1.06 0.00	1.29 0.00	1.72 0.00	1.54 0.00	1.29 0.00	0.75 0.00	0.40 0.00	-1.11 0.00	1.79 0.00	1.97 0.00	2.37 0.00	2.90 0.00	3.27 0.00	3.22 0.00	3.19 0.00
BARRETT_IC_7 23710	28.30 1.53 -2.22	24.65 0.94 -6.92	16.53 0.82 0.00	16.06 0.77 0.00	14.89 0.71 0.00	22.83 0.96 0.00	26.53 1.01 0.00	28.15 1.11 0.00	26.86 1.05 0.00	29.87 1.29 0.00	31.43 1.72 0.00	24.43 1.54 0.00	18.84 1.30 0.00	10.39 0.75 0.00	5.01 0.40 0.00	-13.81 -1.11 0.00	21.98 1.79 0.00	24.16 1.96 0.00	32.21 2.37 0.00	40.49 2.90 0.00	42.66 3.27 0.00	42.86 3.22 0.00	38.78 3.19 0.00
BARRETT_IC_8 23711	28.30 1.53 -2.22	24.65 0.94 -6.92	16.53 0.82 0.00	16.06 0.77 0.00	14.89 0.71 0.00	22.83 0.96 0.00	26.53 1.01 0.00	28.15 1.11 0.00	26.86 1.06 0.00	29.87 1.29 0.00	31.43 1.72 0.00	24.42 1.54 0.00	18.83 1.29 0.00	10.39 0.75 0.00	5.01 0.40 0.00	-13.81 -1.11 0.00	21.98 1.79 0.00	24.17 1.97 0.00	32.21 2.37 0.00	40.49 2.90 0.00	42.66 3.27 0.00	42.85 3.22 0.00	38.78 3.19 0.00
BARRETT_IC_9 23700	28.30 1.53 -2.22	24.65 0.94 -6.92	16.53 0.82 0.00	16.06 0.77 0.00	14.89 0.71 0.00	22.83 0.96 0.00	26.53 1.01 0.00	28.15 1.11 0.00	26.86 1.06 0.00	29.87 1.29 0.00	31.43 1.72 0.00	24.42 1.54 0.00	18.83 1.29 0.00	10.39 0.75 0.00	5.01 0.40 0.00	-13.81 -1.11 0.00	21.98 1.79 0.00	24.17 1.97 0.00	32.21 2.37 0.00	40.49 2.90 0.00	42.66 3.27 0.00	42.85 3.22 0.00	38.78 3.19 0.00
BARRETT___1 23545	28.30 1.53 -2.22	24.65 0.94 -6.92	16.53 0.82 0.00	16.06 0.77 0.00	14.89 0.71 0.00	22.83 0.96 0.00	26.53 1.01 0.00	28.15 1.11 0.00	26.86 1.06 0.00	29.87 1.29 0.00	31.43 1.72 0.00	24.42 1.54 0.00	18.83 1.29 0.00	10.39 0.75 0.00	5.01 0.40 0.00	-13.81 -1.11 0.00	21.98 1.79 0.00	24.17 1.97 0.00	32.21 2.37 0.00	40.49 2.90 0.00	42.66 3.27 0.00	42.85 3.22 0.00	38.78 3.19 0.00
BARRETT___2 23546	28.30 1.53 -2.22	24.65 0.94 -6.92	16.53 0.82 0.00	16.06 0.77 0.00	14.89 0.71 0.00	22.83 0.96 0.00	26.53 1.01 0.00	28.15 1.11 0.00	26.86 1.06 0.00	29.87 1.29 0.00	31.43 1.72 0.00	24.42 1.54 0.00	18.83 1.29 0.00	10.39 0.75 0.00	5.01 0.40 0.00	-13.81 -1.11 0.00	21.98 1.79 0.00	24.17 1.97 0.00	32.21 2.37 0.00	40.49 2.90 0.00	42.66 3.27 0.00	42.85 3.22 0.00	38.78 3.19 0.00
BATAVIA___115KV_TB1 55881	23.99 -0.88 -0.32	17.18 -0.60 -0.99	15.28 -0.42 0.00	14.78 -0.51 0.00	13.75 -0.44 0.00	21.23 -0.64 0.00	25.01 -0.52 0.00	26.65 -0.39 0.00	25.34 -0.47 0.00	27.93 -0.65 0.00	28.93 -0.78 0.00	22.16 -0.73 0.00	16.87 -0.67 0.00	9.36 -0.29 0.00	4.40 -0.21 0.00	-12.64 0.07 0.00	19.49 -0.70 0.00	21.23 -0.97 0.00	28.53 -1.31 0.00	36.14 -1.46 0.00	37.91 -1.48 0.00	38.21 -1.42 0.00	34.08 -1.50 0.00
BAYONEEC___CTG1 323682	28.18 1.41 -2.22	24.59 0.89 -6.91	16.48 0.78 0.00	16.04 0.74 0.00	14.87 0.68 0.00	22.88 1.01 0.00	26.65 1.13 0.00	28.27 1.23 0.00	26.93 1.12 0.00	29.81 1.23 0.00	31.15 1.44 0.00	24.27 1.38 0.00	18.75 1.21 0.00	10.36 0.72 0.00	5.01 0.39 0.00	-13.81 -1.11 0.00	22.03 1.84 0.00	24.16 1.96 0.00	32.25 2.41 0.00	40.36 2.76 0.00	42.47 3.07 0.00	42.74 3.10 0.00	38.39 2.80 0.00
BAYONEEC___CTG10 323750	28.18 1.41 -2.22	24.59 0.89 -6.91	16.48 0.78 0.00	16.04 0.74 0.00	14.87 0.68 0.00	22.88 1.01 0.00	26.65 1.13 0.00	28.27 1.23 0.00	26.93 1.12 0.00	29.81 1.23 0.00	31.15 1.44 0.00	24.27 1.38 0.00	18.75 1.21 0.00	10.36 0.72 0.00	5.01 0.39 0.00	-13.81 -1.11 0.00	22.03 1.84 0.00	24.16 1.96 0.00	32.25 2.41 0.00	40.36 2.76 0.00	42.47 3.07 0.00	42.74 3.10 0.00	38.39 2.80 0.00
BAYONEEC___CTG2 323683	28.18 1.41 -2.22	24.59 0.89 -6.91	16.48 0.78 0.00	16.04 0.74 0.00	14.87 0.68 0.00	22.88 1.01 0.00	26.65 1.13 0.00	28.27 1.23 0.00	26.93 1.12 0.00	29.81 1.23 0.00	31.15 1.44 0.00	24.27 1.38 0.00	18.75 1.21 0.00	10.36 0.72 0.00	5.01 0.39 0.00	-13.81 -1.11 0.00	22.03 1.84 0.00	24.16 1.96 0.00	32.25 2.41 0.00	40.36 2.76 0.00	42.47 3.07 0.00	42.74 3.10 0.00	38.39 2.80 0.00
BAYONEEC___CTG3 323684	28.18 1.41 -2.22	24.59 0.89 -6.91	16.48 0.78 0.00	16.04 0.74 0.00	14.87 0.68 0.00	22.88 1.01 0.00	26.65 1.13 0.00	28.27 1.23 0.00	26.93 1.12 0.00	29.81 1.23 0.00	31.15 1.44 0.00	24.27 1.38 0.00	18.75 1.21 0.00	10.36 0.72 0.00	5.01 0.39 0.00	-13.81 -1.11 0.00	22.03 1.84 0.00	24.16 1.96 0.00	32.25 2.41 0.00	40.36 2.76 0.00	42.47 3.07 0.00	42.74 3.10 0.00	38.39 2.80 0.00
BAYONEEC___CTG4 323685	28.18 1.41 -2.22	24.59 0.89 -6.91	16.48 0.78 0.00	16.04 0.74 0.00	14.87 0.68 0.00	22.88 1.01 0.00	26.65 1.13 0.00	28.27 1.23 0.00	26.93 1.12 0.00	29.81 1.23 0.00	31.15 1.44 0.00	24.27 1.38 0.00	18.75 1.21 0.00	10.36 0.72 0.00	5.01 0.39 0.00	-13.81 -1.11 0.00	22.03 1.84 0.00	24.16 1.96 0.00	32.25 2.41 0.00	40.36 2.76 0.00	42.47 3.07 0.00	42.74 3.10 0.00	38.39 2.80 0.00
BAYONEEC___CTG5 323686	28.18 1.41 -2.22	24.59 0.89 -6.91	16.48 0.78 0.00	16.04 0.74 0.00	14.87 0.68 0.00	22.88 1.01 0.00	26.65 1.13 0.00	28.27 1.23 0.00	26.93 1.12 0.00	29.81 1.23 0.00	31.15 1.44 0.00	24.27 1.38 0.00	18.75 1.21 0.00	10.36 0.72 0.00	5.01 0.39 0.00	-13.81 -1.11 0.00	22.03 1.84 0.00	24.16 1.96 0.00	32.25 2.41 0.00	40.36 2.76 0.00	42.47 3.07 0.00	42.74 3.10 0.00	38.39 2.80 0.00
BAYONEEC___CTG6 323687	28.18 1.41 -2.22	24.59 0.89 -6.91	16.48 0.78 0.00	16.04 0.74 0.00	14.87 0.68 0.00	22.88 1.01 0.00	26.65 1.13 0.00	28.27 1.23 0.00	26.93 1.12 0.00	29.81 1.23 0.00	31.15 1.44 0.00	24.27 1.38 0.00	18.75 1.21 0.00	10.36 0.72 0.00	5.01 0.39 0.00	-13.81 -1.11 0.00	22.03 1.84 0.00	24.16 1.96 0.00	32.25 2.41 0.00	40.36 2.76 0.00	42.47 3.07 0.00	42.74 3.10 0.00	38.39 2.80 0.00
BAYONEEC___CTG7 323688	28.18 1.41 -2.22	24.59 0.89 -6.91	16.48 0.78 0.00	16.04 0.74 0.00	14.87 0.68 0.00	22.88 1.01 0.00	26.65 1.13 0.00	28.27 1.23 0.00	26.93 1.12 0.00	29.81 1.23 0.00	31.15 1.44 0.00	24.27 1.38 0.00	18.75 1.21 0.00	10.36 0.72 0.00	5.01 0.39 0.00	-13.81 -1.11 0.00	22.03 1.84 0.00	24.16 1.96 0.00	32.25 2.41 0.00	40.36 2.76 0.00	42.47 3.07 0.00	42.74 3.10 0.00	38.39 2.80 0.00
BAYONEEC___CTG8	28.18	24.59	16.48	16.04	14.87	22.88	26.65	28.27	26.93	29.81	31.15	24.27	18.75	10.36	5.01	-13.81	22.03	24.16	32.25	40.36	42.47	42.74	38.39

323689	1.41 -2.22	0.89 -6.91	0.78 0.00	0.74 0.00	0.68 0.00	1.01 0.00	1.13 0.00	1.23 0.00	1.12 0.00	1.23 0.00	1.44 0.00	1.38 0.00	1.21 0.00	0.72 0.00	0.39 0.00	-1.11 0.00	1.84 0.00	1.96 0.00	2.41 0.00	2.76 0.00	3.07 0.00	3.10 0.00	2.80 0.00
BAYONEEC___CTG9 323749	28.18 1.41 -2.22	24.59 0.89 -6.91	16.48 0.78 0.00	16.04 0.74 0.00	14.87 0.68 0.00	22.88 1.01 0.00	26.65 1.13 0.00	28.27 1.23 0.00	26.93 1.12 0.00	29.81 1.23 0.00	31.15 1.44 0.00	24.27 1.38 0.00	18.75 1.21 0.00	10.36 0.72 0.00	5.01 0.39 0.00	-13.81 -1.11 0.00	22.03 1.84 0.00	24.16 1.96 0.00	32.25 2.41 0.00	40.36 2.76 0.00	42.47 3.07 0.00	42.74 3.10 0.00	38.39 2.80 0.00
BAYPORT_69_KV_BK 2 356364	28.93 2.15 -2.22	25.09 1.39 -6.92	16.94 1.23 0.00	16.44 1.14 0.00	15.25 1.06 0.00	23.31 1.43 0.00	27.09 1.57 0.00	28.76 1.72 0.00	27.49 1.68 0.00	30.71 2.13 0.00	32.19 2.48 0.00	24.97 2.09 0.00	19.25 1.71 0.00	10.61 0.97 0.00	5.10 0.49 0.00	-14.13 -1.43 0.00	22.47 2.28 0.00	24.85 2.65 0.00	33.17 3.33 0.00	41.78 4.18 0.00	44.01 4.62 0.00	44.09 4.46 0.00	40.06 4.47 0.00
BEACON___LESR 323632	28.07 0.99 -2.53	25.31 0.65 -7.87	16.30 0.60 0.00	15.88 0.58 0.00	14.72 0.54 0.00	22.69 0.81 0.00	26.38 0.86 0.00	27.88 0.84 0.00	26.41 0.61 0.00	29.29 0.71 0.00	30.52 0.81 0.00	23.53 0.64 0.00	18.02 0.48 0.00	9.92 0.28 0.00	4.76 0.15 0.00	-13.00 -0.30 0.00	20.77 0.58 0.00	22.90 0.70 0.00	30.71 0.87 0.00	38.65 1.06 0.00	40.69 1.30 0.00	41.02 1.38 0.00	37.00 1.42 0.00
BEAVER RIVER___HYD 24048	24.42 -0.23 -0.10	16.92 -0.17 -0.31	15.59 -0.12 0.00	15.27 -0.03 0.00	14.19 0.00 0.00	21.87 -0.01 0.00	25.43 -0.09 0.00	27.06 0.02 0.00	25.73 -0.08 0.00	28.40 -0.17 0.00	29.29 -0.42 0.00	22.51 -0.38 0.00	17.12 -0.42 0.00	9.29 -0.35 0.00	4.41 -0.21 0.00	-12.18 0.52 0.00	19.37 -0.82 0.00	21.43 -0.78 0.00	28.90 -0.94 0.00	37.01 -0.59 0.00	38.63 -0.76 0.00	38.52 -1.12 0.00	34.42 -1.16 0.00
BEEBEE_GT_13 23619	24.30 -0.52 -0.27	17.26 -0.37 -0.84	15.42 -0.28 0.00	14.96 -0.34 0.00	13.89 -0.29 0.00	21.45 -0.43 0.00	25.14 -0.38 0.00	26.76 -0.28 0.00	25.48 -0.33 0.00	28.19 -0.39 0.00	29.30 -0.41 0.00	22.50 -0.39 0.00	17.20 -0.34 0.00	9.40 -0.25 0.00	4.49 -0.12 0.00	-12.67 0.04 0.00	19.84 -0.35 0.00	21.79 -0.41 0.00	29.33 -0.51 0.00	36.97 -0.62 0.00	38.64 -0.75 0.00	38.88 -0.76 0.00	34.72 -0.85 0.00
BENSHRST_27_KV_BENSHRST_1 355998	28.38 1.61 -2.22	24.72 1.02 -6.91	16.60 0.90 0.00	16.14 0.85 0.00	14.96 0.78 0.00	23.04 1.16 0.00	26.82 1.30 0.00	28.48 1.44 0.00	27.14 1.34 0.00	30.03 1.46 0.00	31.40 1.69 0.00	24.47 1.58 0.00	18.90 1.36 0.00	10.46 0.81 0.00	5.05 0.44 0.00	-13.94 -1.24 0.00	22.25 2.05 0.00	24.41 2.20 0.00	32.56 2.73 0.00	40.80 3.21 0.00	42.95 3.56 0.00	43.22 3.58 0.00	38.78 3.20 0.00
BETHLEHEM___GRP 23843	27.81 0.73 -2.53	25.14 0.48 -7.87	16.14 0.44 0.00	15.72 0.43 0.00	14.58 0.39 0.00	22.46 0.58 0.00	26.09 0.57 0.00	27.55 0.51 0.00	26.08 0.27 0.00	28.88 0.30 0.00	30.11 0.40 0.00	23.23 0.34 0.00	17.80 0.26 0.00	9.81 0.17 0.00	4.71 0.10 0.00	-12.87 -0.16 0.00	20.55 0.35 0.00	22.63 0.43 0.00	30.29 0.45 0.00	38.11 0.51 0.00	40.13 0.73 0.00	40.45 0.81 0.00	36.50 0.92 0.00
BETHLEHEM___GS1 323560	27.81 0.73 -2.53	25.14 0.48 -7.87	16.14 0.44 0.00	15.72 0.43 0.00	14.58 0.39 0.00	22.46 0.58 0.00	26.09 0.57 0.00	27.55 0.51 0.00	26.08 0.27 0.00	28.88 0.30 0.00	30.11 0.40 0.00	23.23 0.34 0.00	17.80 0.26 0.00	9.81 0.17 0.00	4.71 0.10 0.00	-12.87 -0.16 0.00	20.55 0.35 0.00	22.63 0.43 0.00	30.29 0.45 0.00	38.11 0.51 0.00	40.12 0.74 0.00	40.45 0.81 0.00	36.54 0.96 0.00
BETHLEHEM___GS2 323561	27.81 0.73 -2.53	25.14 0.48 -7.87	16.14 0.44 0.00	15.72 0.43 0.00	14.58 0.39 0.00	22.46 0.58 0.00	26.09 0.57 0.00	27.55 0.51 0.00	26.08 0.27 0.00	28.88 0.30 0.00	30.11 0.40 0.00	23.23 0.34 0.00	17.80 0.26 0.00	9.81 0.17 0.00	4.71 0.10 0.00	-12.87 -0.16 0.00	20.55 0.35 0.00	22.63 0.43 0.00	30.29 0.45 0.00	38.11 0.51 0.00	40.12 0.74 0.00	40.45 0.81 0.00	36.54 0.96 0.00
BETHLEHEM___GS3 323562	27.81 0.73 -2.53	25.14 0.48 -7.87	16.14 0.44 0.00	15.72 0.43 0.00	14.58 0.39 0.00	22.46 0.58 0.00	26.09 0.57 0.00	27.55 0.51 0.00	26.08 0.27 0.00	28.88 0.30 0.00	30.11 0.40 0.00	23.23 0.34 0.00	17.80 0.26 0.00	9.81 0.17 0.00	4.71 0.10 0.00	-12.87 -0.16 0.00	20.55 0.35 0.00	22.63 0.43 0.00	30.29 0.45 0.00	38.11 0.51 0.00	40.12 0.74 0.00	40.45 0.81 0.00	36.54 0.96 0.00
BETHLEHEM___STEEL 23779	23.58 -1.35 -0.37	17.01 -0.93 -1.16	14.99 -0.71 0.00	14.52 -0.77 0.00	13.50 -0.69 0.00	20.86 -1.02 0.00	24.56 -0.96 0.00	26.22 -0.83 0.00	24.87 -0.93 0.00	27.50 -1.08 0.00	28.56 -1.15 0.00	21.88 -1.01 0.00	16.80 -0.75 0.00	9.23 -0.42 0.00	4.40 -0.21 0.00	-12.67 0.03 0.00	19.57 -0.62 0.00	21.29 -0.91 0.00	28.53 -1.31 0.00	35.71 -1.89 0.00	37.16 -2.23 0.00	37.43 -2.20 0.00	33.30 -2.29 0.00
BETHLHEM_115KV_TB1 79974	27.82 0.74 -2.52	25.14 0.48 -7.87	16.15 0.45 0.00	15.73 0.43 0.00	14.59 0.40 0.00	22.47 0.59 0.00	26.12 0.59 0.00	27.59 0.55 0.00	26.13 0.33 0.00	28.94 0.37 0.00	30.17 0.46 0.00	23.28 0.39 0.00	17.84 0.30 0.00	9.83 0.19 0.00	4.72 0.11 0.00	-12.90 -0.20 0.00	20.60 0.40 0.00	22.68 0.48 0.00	30.37 0.53 0.00	38.21 0.61 0.00	40.23 0.83 0.00	40.55 0.92 0.00	36.57 1.00 0.00
BETHPAGE_CC_5 323564	28.59 1.81 -2.22	24.85 1.15 -6.92	16.72 1.01 0.00	16.23 0.94 0.00	15.06 0.87 0.00	23.09 1.21 0.00	26.85 1.33 0.00	28.50 1.46 0.00	27.21 1.40 0.00	30.28 1.71 0.00	31.76 2.05 0.00	24.67 1.78 0.00	19.03 1.48 0.00	10.50 0.85 0.00	5.05 0.44 0.00	-13.96 -1.26 0.00	22.23 2.04 0.00	24.44 2.24 0.00	32.60 2.76 0.00	41.01 3.41 0.00	43.21 3.82 0.00	43.39 3.76 0.00	39.31 3.72 0.00
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	23.60 -1.33 -0.38	17.03 -0.93 -1.17	15.00 -0.71 0.00	14.53 -0.77 0.00	13.50 -0.68 0.00	20.88 -1.00 0.00	24.57 -0.95 0.00	26.23 -0.81 0.00	24.89 -0.92 0.00	27.52 -1.06 0.00	28.59 -1.12 0.00	21.90 -0.99 0.00	16.81 -0.73 0.00	9.23 -0.41 0.00	4.40 -0.21 0.00	-12.68 0.02 0.00	19.59 -0.60 0.00	21.32 -0.89 0.00	28.57 -1.27 0.00	35.76 -1.84 0.00	37.22 -2.17 0.00	37.48 -2.16 0.00	33.33 -2.25 0.00
BINGHAMTON___COGEN	25.39	19.20	15.75	15.34	14.24	21.97	25.64	27.21	25.86	28.63	29.79	22.93	17.60	9.68	4.62	-12.76	20.30	22.30	30.03	37.92	39.82	40.09	35.86

23790	0.07 -0.76	0.03 -2.38	0.05 0.00	0.05 0.00	0.06 0.00	0.09 0.00	0.12 0.00	0.17 0.00	0.05 0.00	0.05 0.00	0.08 0.00	0.04 0.00	0.06 0.00	0.03 0.00	0.01 0.00	-0.06 0.00	0.10 0.00	0.10 0.00	0.19 0.00	0.33 0.00	0.43 0.00	0.46 0.00	0.28 0.00
BIXINCNT_115KV_LOAD 355685	23.59 -1.36 -0.39	17.03 -0.99 -1.23	14.97 -0.73 0.00	14.57 -0.73 0.00	13.53 -0.65 0.00	20.94 -0.94 0.00	24.64 -0.89 0.00	26.31 -0.74 0.00	24.91 -0.90 0.00	27.55 -1.03 0.00	28.60 -1.11 0.00	21.89 -1.00 0.00	16.80 -0.74 0.00	9.24 -0.41 0.00	4.41 -0.20 0.00	-12.65 0.06 0.00	19.61 -0.59 0.00	21.40 -0.80 0.00	28.72 -1.12 0.00	35.91 -1.69 0.00	37.48 -1.91 0.00	37.77 -1.86 0.00	33.58 -2.00 0.00
BLACK RIVER___HYD 24047	24.54 -0.14 -0.13	17.05 -0.13 -0.40	15.61 -0.09 0.00	15.27 -0.03 0.00	14.22 0.04 0.00	21.92 0.04 0.00	25.49 -0.03 0.00	27.10 0.05 0.00	25.76 -0.05 0.00	28.47 -0.11 0.00	29.19 -0.51 0.00	22.51 -0.38 0.00	17.09 -0.46 0.00	9.26 -0.39 0.00	4.39 -0.23 0.00	-12.11 0.59 0.00	19.29 -0.91 0.00	21.37 -0.83 0.00	28.74 -1.10 0.00	36.87 -0.72 0.00	38.62 -0.77 0.00	38.59 -1.05 0.00	34.46 -1.13 0.00
BLACKRVR_115KV_TB2 79977	24.54 -0.14 -0.13	17.05 -0.13 -0.40	15.61 -0.09 0.00	15.27 -0.03 0.00	14.22 0.04 0.00	21.92 0.04 0.00	25.49 -0.04 0.00	27.10 0.05 0.00	25.76 -0.05 0.00	28.47 -0.11 0.00	29.20 -0.51 0.00	22.51 -0.37 0.00	17.09 -0.46 0.00	9.26 -0.39 0.00	4.39 -0.23 0.00	-12.11 0.60 0.00	19.29 -0.91 0.00	21.37 -0.83 0.00	28.74 -1.10 0.00	36.87 -0.72 0.00	38.62 -0.78 0.00	38.58 -1.05 0.00	34.46 -1.13 0.00
BLISS_WT_PWR 323608	23.55 -1.40 -0.39	16.99 -1.02 -1.23	14.96 -0.75 0.00	14.56 -0.73 0.00	13.53 -0.66 0.00	20.94 -0.94 0.00	24.63 -0.89 0.00	26.30 -0.74 0.00	24.90 -0.90 0.00	27.55 -1.03 0.00	28.61 -1.10 0.00	21.89 -1.00 0.00	16.80 -0.74 0.00	9.24 -0.41 0.00	4.41 -0.20 0.00	-12.66 0.05 0.00	19.61 -0.58 0.00	21.41 -0.79 0.00	28.73 -1.11 0.00	35.92 -1.67 0.00	37.50 -1.88 0.00	37.80 -1.84 0.00	33.62 -1.97 0.00
BLUESTONE___WT_PWR 323821	25.57 0.20 -0.82	19.46 0.12 -2.56	15.81 0.11 0.00	15.44 0.15 0.00	14.57 0.39 0.00	22.52 0.64 0.00	26.46 0.93 0.00	28.11 1.06 0.00	26.72 0.92 0.00	29.54 0.96 0.00	30.83 1.12 0.00	23.61 0.72 0.00	18.07 0.53 0.00	9.93 0.28 0.00	4.65 0.04 0.00	-13.09 -0.38 0.00	20.37 0.17 0.00	22.59 0.39 0.00	30.96 1.12 0.00	39.55 1.95 0.00	41.52 2.13 0.00	41.59 1.95 0.00	37.18 1.60 0.00
BLUE_CIRC_CHEM_DRP 24182	27.95 0.89 -2.50	25.17 0.60 -7.79	16.26 0.56 0.00	15.84 0.54 0.00	14.69 0.51 0.00	22.64 0.76 0.00	26.35 0.82 0.00	27.84 0.80 0.00	26.41 0.61 0.00	29.24 0.66 0.00	30.43 0.72 0.00	23.46 0.57 0.00	17.93 0.39 0.00	9.87 0.22 0.00	4.73 0.12 0.00	-13.03 -0.32 0.00	20.66 0.47 0.00	22.75 0.55 0.00	30.58 0.75 0.00	38.58 0.99 0.00	40.63 1.24 0.00	40.97 1.33 0.00	36.89 1.32 0.00
BOC_GAS_DRP 24189	27.78 0.72 -2.51	25.09 0.48 -7.83	16.14 0.44 0.00	15.72 0.43 0.00	14.58 0.39 0.00	22.47 0.59 0.00	26.14 0.62 0.00	27.63 0.59 0.00	26.25 0.44 0.00	29.09 0.51 0.00	30.29 0.58 0.00	23.38 0.50 0.00	17.94 0.40 0.00	9.89 0.24 0.00	4.75 0.13 0.00	-13.00 -0.30 0.00	20.74 0.54 0.00	22.82 0.62 0.00	30.59 0.75 0.00	38.47 0.88 0.00	40.47 1.08 0.00	40.80 1.16 0.00	36.72 1.14 0.00
BOONVILLE_115KV_TB1 79983	24.98 0.33 -0.10	17.30 0.22 -0.30	15.94 0.23 0.00	15.57 0.28 0.00	14.47 0.28 0.00	22.30 0.42 0.00	25.98 0.45 0.00	27.59 0.55 0.00	26.28 0.48 0.00	29.08 0.50 0.00	30.15 0.44 0.00	23.16 0.28 0.00	17.68 0.14 0.00	9.63 -0.02 0.00	4.57 -0.04 0.00	-12.62 0.09 0.00	20.09 -0.11 0.00	22.18 -0.03 0.00	29.96 0.13 0.00	38.21 0.62 0.00	39.98 0.59 0.00	39.99 0.35 0.00	35.76 0.19 0.00
BORALEX_4TH_BRANCH 23824	28.40 1.32 -2.53	25.54 0.88 -7.88	16.52 0.81 0.00	16.09 0.80 0.00	14.93 0.74 0.00	22.97 1.10 0.00	26.71 1.19 0.00	28.11 1.06 0.00	26.71 0.90 0.00	29.63 1.05 0.00	30.71 1.00 0.00	23.65 0.76 0.00	18.11 0.57 0.00	10.01 0.36 0.00	4.80 0.19 0.00	-13.02 -0.31 0.00	20.93 0.73 0.00	23.17 0.96 0.00	31.05 1.22 0.00	39.10 1.50 0.00	41.26 1.87 0.00	41.67 2.03 0.00	37.61 2.03 0.00
BOWLINE___1 23526	27.99 1.26 -2.19	24.38 0.79 -6.81	16.40 0.69 0.00	15.96 0.67 0.00	14.80 0.61 0.00	22.77 0.89 0.00	26.50 0.98 0.00	28.13 1.09 0.00	26.76 0.96 0.00	29.64 1.07 0.00	30.99 1.28 0.00	24.07 1.18 0.00	18.57 1.03 0.00	10.27 0.63 0.00	4.96 0.35 0.00	-13.65 -0.94 0.00	21.79 1.59 0.00	23.90 1.70 0.00	32.00 2.17 0.00	40.12 2.52 0.00	42.21 2.82 0.00	42.50 2.86 0.00	38.14 2.56 0.00
BOWLINE___2 23595	27.99 1.26 -2.19	24.38 0.79 -6.81	16.40 0.69 0.00	15.96 0.67 0.00	14.80 0.61 0.00	22.77 0.89 0.00	26.50 0.98 0.00	28.13 1.09 0.00	26.76 0.96 0.00	29.64 1.07 0.00	30.99 1.28 0.00	24.07 1.18 0.00	18.57 1.03 0.00	10.27 0.63 0.00	4.96 0.34 0.00	-13.65 -0.94 0.00	21.79 1.59 0.00	23.90 1.70 0.00	32.00 2.17 0.00	40.12 2.52 0.00	42.21 2.82 0.00	42.50 2.86 0.00	38.14 2.56 0.00
BRADY___115KV_TB2 356060	24.59 0.04 0.00	16.82 0.03 0.00	15.73 0.03 0.00	15.33 0.04 0.00	14.20 0.02 0.00	21.95 0.07 0.00	25.67 0.15 0.00	27.26 0.21 0.00	26.06 0.25 0.00	28.73 0.15 0.00	29.74 0.03 0.00	22.78 -0.10 0.00	17.40 -0.14 0.00	9.54 -0.11 0.00	4.54 -0.07 0.00	-12.54 0.16 0.00	19.85 -0.34 0.00	21.83 -0.37 0.00	29.48 -0.35 0.00	37.43 -0.17 0.00	39.28 -0.11 0.00	39.45 -0.18 0.00	35.37 -0.21 0.00
BRANSCOMB___SOLAR 323811	28.53 1.39 -2.59	25.77 0.91 -8.07	16.55 0.85 0.00	16.12 0.83 0.00	14.97 0.78 0.00	23.02 1.14 0.00	26.79 1.26 0.00	28.31 1.27 0.00	26.92 1.12 0.00	29.84 1.26 0.00	30.87 1.17 0.00	23.71 0.82 0.00	18.08 0.54 0.00	9.96 0.31 0.00	4.79 0.18 0.00	-13.01 -0.31 0.00	20.89 0.70 0.00	23.21 1.01 0.00	31.34 1.50 0.00	39.62 2.03 0.00	41.76 2.37 0.00	42.11 2.48 0.00	37.79 2.21 0.00
BRDGHMPT_69_KV_BK1 55812	29.03 2.26 -2.22	25.19 1.49 -6.92	17.09 1.39 0.00	16.61 1.32 0.00	15.29 1.11 0.00	23.13 1.25 0.00	26.80 1.28 0.00	28.46 1.42 0.00	27.36 1.56 0.00	30.60 2.02 0.00	32.01 2.30 0.00	24.90 2.01 0.00	19.11 1.57 0.00	10.54 0.90 0.00	5.09 0.48 0.00	-14.10 -1.40 0.00	22.47 2.27 0.00	24.97 2.77 0.00	33.48 3.64 0.00	42.22 4.63 0.00	44.26 4.86 0.00	44.00 4.37 0.00	40.20 4.61 0.00
BRENTWOD_69_KV_W. BRTWOOD	28.79	25.00	16.85	16.35	15.18	23.23	27.00	28.65	27.34	30.50	31.99	24.84	19.16	10.56	5.08	-14.05	22.36	24.67	32.87	41.41	43.66	43.78	39.73

56703	2.02 -2.22	1.30 -6.92	1.15 0.00	1.06 0.00	0.99 0.00	1.35 0.00	1.47 0.00	1.61 0.00	1.54 0.00	1.92 0.00	2.28 0.00	1.95 0.00	1.62 0.00	0.92 0.00	0.47 0.00	-1.35 0.00	2.17 0.00	2.46 0.00	3.03 0.00	3.82 0.00	4.27 0.00	4.15 0.00	4.15 0.00
BRISTLHL_115KV_TB1 79998	24.14 -0.60 -0.19	16.95 -0.42 -0.59	15.32 -0.39 0.00	14.91 -0.38 0.00	13.83 -0.35 0.00	21.34 -0.54 0.00	24.90 -0.62 0.00	26.41 -0.64 0.00	25.17 -0.63 0.00	27.89 -0.69 0.00	28.96 -0.74 0.00	22.31 -0.57 0.00	17.09 -0.45 0.00	9.38 -0.26 0.00	4.48 -0.13 0.00	-12.34 0.36 0.00	19.58 -0.62 0.00	21.51 -0.69 0.00	28.91 -0.93 0.00	36.50 -1.09 0.00	38.33 -1.06 0.00	38.57 -1.07 0.00	34.58 -1.00 0.00
BROOKHAVEN___DRP 24191	28.77 2.00 -2.22	24.99 1.29 -6.92	16.85 1.15 0.00	16.36 1.07 0.00	15.16 0.98 0.00	23.15 1.28 0.00	26.90 1.38 0.00	28.54 1.50 0.00	27.29 1.48 0.00	30.48 1.90 0.00	31.93 2.23 0.00	24.77 1.88 0.00	19.07 1.53 0.00	10.51 0.87 0.00	5.06 0.45 0.00	-14.04 -1.34 0.00	22.31 2.12 0.00	24.68 2.48 0.00	32.93 3.09 0.00	41.44 3.85 0.00	43.62 4.23 0.00	43.67 4.04 0.00	39.77 4.19 0.00
BROOKLYN_NAVY_YARD 23515	28.12 1.35 -2.22	24.55 0.85 -6.91	16.45 0.74 0.00	16.00 0.71 0.00	14.83 0.65 0.00	22.84 0.96 0.00	26.59 1.07 0.00	28.21 1.17 0.00	26.85 1.04 0.00	24.06 1.15 5.67	31.05 1.35 0.01	24.19 1.31 0.01	18.67 1.15 0.02	10.31 0.68 0.02	4.97 0.38 0.02	-13.78 -1.06 0.02	21.96 1.77 0.01	24.08 1.88 0.01	32.14 2.31 0.01	40.22 2.64 0.02	42.33 2.95 0.02	42.59 2.97 0.02	38.28 2.70 0.00
BROOKLYN___ARMY_DRP 323595	28.28 1.51 -2.22	24.65 0.95 -6.91	16.53 0.83 0.00	16.08 0.79 0.00	14.91 0.73 0.00	22.95 1.07 0.00	26.72 1.20 0.00	28.36 1.32 0.00	27.03 1.23 0.00	29.90 1.32 0.00	31.25 1.54 0.00	24.36 1.47 0.00	18.81 1.28 0.00	10.41 0.76 0.00	5.03 0.42 0.00	-13.88 -1.17 0.00	22.14 1.95 0.00	24.28 2.08 0.00	32.39 2.55 0.00	40.58 2.99 0.00	42.73 3.34 0.00	42.99 3.35 0.00	38.60 3.02 0.00
BROOME_2_LFGE 323671	25.39 0.07 -0.76	19.20 0.03 -2.38	15.75 0.05 0.00	15.34 0.05 0.00	14.24 0.06 0.00	21.98 0.10 0.00	25.64 0.12 0.00	27.21 0.17 0.00	25.86 0.05 0.00	28.63 0.05 0.00	29.79 0.08 0.00	22.93 0.04 0.00	17.60 0.06 0.00	9.68 0.03 0.00	4.62 0.01 0.00	-12.76 -0.06 0.00	20.30 0.10 0.00	22.30 0.10 0.00	30.03 0.19 0.00	37.93 0.33 0.00	39.82 0.43 0.00	40.09 0.46 0.00	35.86 0.28 0.00
BROOME___LFGE 323600	25.39 0.07 -0.76	19.20 0.03 -2.38	15.75 0.05 0.00	15.34 0.05 0.00	14.24 0.06 0.00	21.98 0.10 0.00	25.64 0.12 0.00	27.21 0.17 0.00	25.86 0.05 0.00	28.63 0.05 0.00	29.79 0.08 0.00	22.93 0.04 0.00	17.60 0.06 0.00	9.68 0.03 0.00	4.62 0.01 0.00	-12.76 -0.06 0.00	20.30 0.10 0.00	22.30 0.10 0.00	30.03 0.19 0.00	37.93 0.33 0.00	39.82 0.43 0.00	40.09 0.46 0.00	35.86 0.28 0.00
BROWNFLS_115KV_TB_3_5 80003	24.25 -0.37 -0.07	16.73 -0.27 -0.21	15.49 -0.22 0.00	15.13 -0.16 0.00	14.05 -0.14 0.00	21.68 -0.20 0.00	25.27 -0.26 0.00	26.87 -0.17 0.00	25.61 -0.20 0.00	28.20 -0.38 0.00	29.14 -0.57 0.00	22.39 -0.50 0.00	17.04 -0.50 0.00	9.28 -0.36 0.00	4.41 -0.20 0.00	-12.17 0.54 0.00	19.29 -0.91 0.00	21.28 -0.92 0.00	28.80 -1.04 0.00	36.72 -0.87 0.00	38.37 -1.02 0.00	38.36 -1.27 0.00	34.34 -1.24 0.00
BROWNSV1_27_KV_LOAD 356125	28.33 1.56 -2.22	24.69 0.99 -6.91	16.57 0.87 0.00	16.13 0.83 0.00	14.94 0.76 0.00	23.01 1.13 0.00	26.79 1.26 0.00	28.43 1.39 0.00	27.08 1.28 0.00	29.99 1.41 0.00	31.35 1.64 0.00	24.42 1.53 0.00	18.86 1.32 0.00	10.43 0.78 0.00	5.04 0.43 0.00	-13.89 -1.19 0.00	22.17 1.98 0.00	24.32 2.11 0.00	32.45 2.61 0.00	40.62 3.03 0.00	42.74 3.35 0.00	43.02 3.39 0.00	38.64 3.05 0.00
BURROWS___LYONSDAL 23803	24.82 0.17 -0.10	17.20 0.11 -0.30	15.84 0.14 0.00	15.50 0.21 0.00	14.40 0.22 0.00	22.20 0.32 0.00	25.84 0.32 0.00	27.47 0.42 0.00	26.15 0.34 0.00	28.91 0.33 0.00	29.95 0.24 0.00	23.01 0.12 0.00	17.54 0.00 0.00	9.54 -0.10 0.00	4.53 -0.08 0.00	-12.51 0.19 0.00	19.91 -0.28 0.00	21.99 -0.21 0.00	29.71 -0.13 0.00	37.94 0.35 0.00	39.65 0.26 0.00	39.60 -0.04 0.00	35.41 -0.17 0.00
CAITHNESS_CC_1 323624	28.72 1.94 -2.22	24.95 1.25 -6.92	16.81 1.11 0.00	16.32 1.03 0.00	15.13 0.95 0.00	23.13 1.25 0.00	26.86 1.34 0.00	28.51 1.46 0.00	27.24 1.43 0.00	30.42 1.84 0.00	31.87 2.17 0.00	24.73 1.84 0.00	19.05 1.51 0.00	10.50 0.86 0.00	5.06 0.44 0.00	-14.02 -1.31 0.00	22.28 2.08 0.00	24.63 2.43 0.00	32.84 3.01 0.00	41.33 3.73 0.00	43.52 4.13 0.00	43.59 3.95 0.00	39.63 4.04 0.00
CALPINE BETH_PAGE_GT4 24209	28.58 1.81 -2.22	24.84 1.14 -6.92	16.71 1.01 0.00	16.23 0.93 0.00	15.06 0.87 0.00	23.08 1.21 0.00	26.85 1.32 0.00	28.50 1.46 0.00	27.20 1.40 0.00	30.27 1.69 0.00	31.75 2.04 0.00	24.67 1.78 0.00	19.02 1.48 0.00	10.49 0.85 0.00	5.05 0.44 0.00	-13.96 -1.25 0.00	22.22 2.03 0.00	24.39 2.19 0.00	32.54 2.70 0.00	40.93 3.34 0.00	43.13 3.74 0.00	43.32 3.69 0.00	39.31 3.73 0.00
CALPINE_BETH_PAGE_GT_4 323586	28.58 1.81 -2.22	24.84 1.14 -6.92	16.71 1.01 0.00	16.23 0.93 0.00	15.06 0.87 0.00	23.08 1.21 0.00	26.85 1.32 0.00	28.50 1.46 0.00	27.20 1.40 0.00	30.27 1.69 0.00	31.75 2.04 0.00	24.67 1.78 0.00	19.02 1.48 0.00	10.49 0.85 0.00	5.05 0.44 0.00	-13.96 -1.25 0.00	22.22 2.03 0.00	24.39 2.19 0.00	32.54 2.70 0.00	40.93 3.34 0.00	43.13 3.74 0.00	43.32 3.68 0.00	39.28 3.69 0.00
CALPINE_BP_GT1 23823	28.58 1.81 -2.22	24.84 1.14 -6.92	16.71 1.01 0.00	16.23 0.93 0.00	15.06 0.87 0.00	23.08 1.21 0.00	26.85 1.32 0.00	28.50 1.46 0.00	27.20 1.40 0.00	30.27 1.69 0.00	31.75 2.04 0.00	24.67 1.78 0.00	19.02 1.48 0.00	10.49 0.85 0.00	5.05 0.44 0.00	-13.96 -1.25 0.00	22.22 2.03 0.00	24.39 2.19 0.00	32.54 2.70 0.00	40.93 3.34 0.00	43.13 3.74 0.00	43.32 3.68 0.00	39.28 3.69 0.00
CALSPAN___DRP 24200	23.58 -1.35 -0.37	17.01 -0.93 -1.16	14.99 -0.71 0.00	14.52 -0.77 0.00	13.50 -0.69 0.00	20.86 -1.02 0.00	24.56 -0.96 0.00	26.22 -0.83 0.00	24.87 -0.93 0.00	27.50 -1.08 0.00	28.56 -1.15 0.00	21.88 -1.01 0.00	16.80 -0.75 0.00	9.23 -0.42 0.00	4.40 -0.21 0.00	-12.67 0.03 0.00	19.57 -0.62 0.00	21.29 -0.91 0.00	28.53 -1.31 0.00	35.71 -1.89 0.00	37.16 -2.23 0.00	37.43 -2.20 0.00	33.30 -2.29 0.00
CALVERTON___SOLAR	28.83	25.03	16.89	16.40	15.19	23.19	26.93	28.57	27.34	30.54	31.99	24.81	19.10	10.53	5.07	-14.07	22.35	24.74	33.04	41.57	43.74	43.76	39.84

323806	2.06 -2.22	1.34 -6.92	1.19 0.00	1.11 0.00	1.01 0.00	1.31 0.00	1.40 0.00	1.53 0.00	1.53 0.00	1.96 0.00	2.28 0.00	1.92 0.00	1.56 0.00	0.88 0.00	0.46 0.00	-1.36 0.00	2.16 0.00	2.54 0.00	3.20 0.00	3.98 0.00	4.35 0.00	4.13 0.00	4.26 0.00
CANDIGU_WT_PWR 323617	23.98 -1.04 -0.47	17.59 -0.66 -1.46	15.15 -0.55 0.00	14.74 -0.55 0.00	13.75 -0.44 0.00	21.39 -0.48 0.00	25.16 -0.36 0.00	26.86 -0.18 0.00	25.50 -0.30 0.00	28.17 -0.41 0.00	29.25 -0.46 0.00	22.27 -0.61 0.00	16.98 -0.56 0.00	9.27 -0.38 0.00	4.40 -0.21 0.00	-12.44 0.26 0.00	19.55 -0.64 0.00	21.44 -0.76 0.00	29.10 -0.74 0.00	37.10 -0.49 0.00	39.06 -0.33 0.00	39.36 -0.28 0.00	35.01 -0.57 0.00
CARR STREET_E_SYR 24060	24.54 -0.22 -0.21	17.29 -0.16 -0.67	15.56 -0.14 0.00	15.15 -0.15 0.00	14.05 -0.13 0.00	21.68 -0.19 0.00	25.30 -0.22 0.00	26.83 -0.22 0.00	25.57 -0.24 0.00	28.33 -0.25 0.00	29.44 -0.27 0.00	22.67 -0.21 0.00	17.38 -0.16 0.00	9.54 -0.11 0.00	4.55 -0.07 0.00	-12.55 0.15 0.00	19.92 -0.27 0.00	21.90 -0.30 0.00	29.45 -0.39 0.00	37.17 -0.42 0.00	39.01 -0.38 0.00	39.24 -0.39 0.00	35.15 -0.43 0.00
CARTHAGE___PAPER 23857	24.50 -0.17 -0.12	17.01 -0.14 -0.37	15.61 -0.10 0.00	15.27 -0.02 0.00	14.21 0.03 0.00	21.90 0.02 0.00	25.47 -0.05 0.00	27.09 0.05 0.00	25.76 -0.05 0.00	28.44 -0.13 0.00	29.26 -0.45 0.00	22.52 -0.37 0.00	17.11 -0.43 0.00	9.28 -0.37 0.00	4.40 -0.21 0.00	-12.15 0.55 0.00	19.34 -0.85 0.00	21.41 -0.79 0.00	28.85 -0.99 0.00	36.96 -0.63 0.00	38.65 -0.74 0.00	38.57 -1.07 0.00	34.46 -1.13 0.00
CASSADAGA_WT_PWR 323784	23.62 -1.32 -0.39	17.08 -0.92 -1.22	15.07 -0.63 0.00	14.72 -0.58 0.00	13.70 -0.48 0.00	21.26 -0.62 0.00	24.99 -0.53 0.00	26.67 -0.38 0.00	25.23 -0.58 0.00	27.95 -0.63 0.00	29.03 -0.68 0.00	22.14 -0.75 0.00	17.01 -0.53 0.00	9.37 -0.28 0.00	4.46 -0.15 0.00	-12.73 -0.03 0.00	19.90 -0.30 0.00	21.65 -0.56 0.00	29.11 -0.73 0.00	36.56 -1.03 0.00	38.22 -1.17 0.00	38.55 -1.09 0.00	34.12 -1.46 0.00
CE_DUNWOOD___DRP 24194	28.14 1.37 -2.22	24.56 0.86 -6.91	16.47 0.76 0.00	16.02 0.73 0.00	14.85 0.67 0.00	22.86 0.98 0.00	26.61 1.09 0.00	28.23 1.19 0.00	26.88 1.07 0.00	29.77 1.20 0.00	31.13 1.42 0.00	24.19 1.31 0.00	18.67 1.13 0.00	10.32 0.67 0.00	4.98 0.37 0.00	-13.71 -1.00 0.00	21.88 1.69 0.00	24.02 1.81 0.00	32.12 2.29 0.00	40.26 2.67 0.00	42.38 2.98 0.00	42.64 3.01 0.00	38.28 2.70 0.00
CE_MILLWOOD___DRP 24193	28.08 1.32 -2.21	24.52 0.84 -6.90	16.44 0.74 0.00	16.00 0.71 0.00	14.83 0.65 0.00	22.83 0.95 0.00	26.57 1.05 0.00	28.19 1.15 0.00	26.83 1.03 0.00	29.73 1.15 0.00	31.08 1.37 0.00	24.15 1.26 0.00	18.63 1.09 0.00	10.30 0.65 0.00	4.97 0.36 0.00	-13.68 -0.97 0.00	21.83 1.64 0.00	23.96 1.76 0.00	32.06 2.22 0.00	40.19 2.59 0.00	42.29 2.90 0.00	42.57 2.94 0.00	38.21 2.63 0.00
CE_NYC2_DRP 24202	28.25 1.48 -2.22	24.63 0.93 -6.91	16.52 0.82 0.00	16.07 0.78 0.00	14.90 0.71 0.00	22.94 1.06 0.00	26.69 1.17 0.00	28.33 1.28 0.00	26.99 1.18 0.00	29.82 1.25 0.00	31.16 1.45 0.00	24.32 1.43 0.00	18.78 1.24 0.00	10.38 0.74 0.00	5.02 0.40 0.00	-13.84 -1.13 0.00	22.08 1.89 0.00	24.21 2.00 0.00	32.26 2.42 0.00	40.38 2.79 0.00	42.50 3.11 0.00	42.79 3.16 0.00	38.42 2.85 0.00
CE_NYC_DRP 24195	28.19 1.43 -2.22	24.60 0.91 -6.91	16.50 0.79 0.00	16.05 0.76 0.00	14.88 0.69 0.00	22.90 1.03 0.00	26.67 1.15 0.00	28.30 1.25 0.00	26.95 1.14 0.00	29.84 1.26 0.00	31.18 1.47 0.00	24.29 1.40 0.00	18.77 1.23 0.00	10.37 0.73 0.00	5.01 0.40 0.00	-13.82 -1.12 0.00	22.06 1.87 0.00	24.18 1.98 0.00	32.28 2.44 0.00	40.40 2.81 0.00	42.51 3.12 0.00	42.78 3.15 0.00	38.42 2.84 0.00
CHAFFEE___LFGE 323603	23.61 -1.33 -0.39	17.06 -0.93 -1.20	14.99 -0.71 0.00	14.52 -0.77 0.00	13.50 -0.69 0.00	20.87 -1.01 0.00	24.55 -0.97 0.00	26.23 -0.82 0.00	24.88 -0.92 0.00	27.52 -1.06 0.00	28.58 -1.13 0.00	21.88 -1.00 0.00	16.80 -0.74 0.00	9.23 -0.42 0.00	4.40 -0.21 0.00	-12.67 0.03 0.00	19.58 -0.61 0.00	21.31 -0.89 0.00	28.57 -1.27 0.00	35.77 -1.82 0.00	37.24 -2.15 0.00	37.52 -2.12 0.00	33.37 -2.22 0.00
CHATEAUG_35_KV_LOAD 355732	24.35 -0.20 0.00	16.69 -0.09 0.00	15.61 -0.09 0.00	15.22 -0.08 0.00	14.09 -0.09 0.00	21.79 -0.09 0.00	25.47 -0.05 0.00	26.98 -0.06 0.00	25.77 -0.04 0.00	28.50 -0.08 0.00	29.59 -0.11 0.00	22.69 -0.20 0.00	17.33 -0.21 0.00	9.54 -0.11 0.00	4.55 -0.06 0.00	-12.57 0.14 0.00	19.90 -0.30 0.00	21.87 -0.34 0.00	29.48 -0.36 0.00	37.28 -0.31 0.00	39.02 -0.37 0.00	39.10 -0.53 0.00	35.12 -0.46 0.00
CHATEAUG_WT_PWR 323614	24.34 -0.22 0.00	16.68 -0.10 0.00	15.61 -0.09 0.00	15.21 -0.09 0.00	14.09 -0.09 0.00	21.78 -0.10 0.00	25.45 -0.07 0.00	26.98 -0.06 0.00	25.78 -0.03 0.00	28.51 -0.07 0.00	29.61 -0.09 0.00	22.71 -0.17 0.00	17.35 -0.19 0.00	9.55 -0.10 0.00	4.55 -0.06 0.00	-12.57 0.13 0.00	19.93 -0.27 0.00	21.89 -0.31 0.00	29.51 -0.33 0.00	37.30 -0.30 0.00	39.01 -0.38 0.00	39.09 -0.54 0.00	35.09 -0.50 0.00
CHAT_HIGH_FALL_HYD 323578	24.35 -0.20 0.00	16.69 -0.09 0.00	15.61 -0.09 0.00	15.22 -0.08 0.00	14.09 -0.09 0.00	21.79 -0.09 0.00	25.47 -0.05 0.00	26.98 -0.06 0.00	25.77 -0.04 0.00	28.50 -0.08 0.00	29.59 -0.11 0.00	22.69 -0.20 0.00	17.33 -0.21 0.00	9.54 -0.11 0.00	4.55 -0.06 0.00	-12.57 0.14 0.00	19.90 -0.30 0.00	21.87 -0.34 0.00	29.48 -0.36 0.00	37.28 -0.31 0.00	39.02 -0.37 0.00	39.10 -0.53 0.00	35.12 -0.46 0.00
CHAUTAUQUA___LFGE 323629	23.69 -1.25 -0.39	17.09 -0.89 -1.20	15.04 -0.67 0.00	14.66 -0.63 0.00	13.63 -0.55 0.00	21.11 -0.77 0.00	24.79 -0.73 0.00	26.47 -0.57 0.00	25.04 -0.77 0.00	27.70 -0.88 0.00	28.78 -0.93 0.00	21.97 -0.92 0.00	16.90 -0.65 0.00	9.31 -0.34 0.00	4.43 -0.18 0.00	-12.65 0.06 0.00	19.78 -0.41 0.00	21.51 -0.69 0.00	28.87 -0.97 0.00	36.18 -1.41 0.00	37.80 -1.59 0.00	38.12 -1.51 0.00	33.73 -1.85 0.00
CHERRYST_13_KV_LD 356241	28.25 1.48 -2.22	24.64 0.94 -6.91	16.53 0.83 0.00	16.09 0.79 0.00	14.91 0.73 0.00	22.96 1.08 0.00	26.73 1.21 0.00	28.36 1.32 0.00	27.01 1.21 0.00	29.91 1.33 0.00	31.26 1.55 0.00	24.36 1.47 0.00	18.81 1.28 0.00	10.40 0.75 0.00	5.02 0.41 0.00	-13.86 -1.16 0.00	22.12 1.92 0.00	24.25 2.05 0.00	32.37 2.53 0.00	40.51 2.91 0.00	42.62 3.23 0.00	42.89 3.25 0.00	38.49 2.92 0.00
CHESTROR_138KV_BK263	27.84	24.17	16.35	15.92	14.76	22.71	26.43	28.03	26.67	29.54	30.86	23.93	18.45	10.20	4.92	-13.53	21.60	23.72	31.79	39.90	41.97	42.26	37.92

355645	1.15 -2.14	0.72 -6.65	0.65 0.00	0.62 0.00	0.57 0.00	0.84 0.00	0.91 0.00	0.99 0.00	0.86 0.00	0.96 0.00	1.15 0.00	1.05 0.00	0.91 0.00	0.55 0.00	0.30 0.00	-0.83 0.00	1.40 0.00	1.52 0.00	1.95 0.00	2.30 0.00	2.58 0.00	2.62 0.00	2.35 0.00
CH_MIDHUDSON___DRP 24192	28.11 1.31 -2.25	24.63 0.84 -7.01	16.45 0.75 0.00	16.02 0.73 0.00	14.85 0.66 0.00	22.86 0.98 0.00	26.62 1.09 0.00	28.21 1.16 0.00	26.85 1.05 0.00	29.75 1.17 0.00	31.08 1.38 0.00	24.10 1.21 0.00	18.57 1.03 0.00	10.25 0.61 0.00	4.94 0.33 0.00	-13.58 -0.87 0.00	21.70 1.50 0.00	23.85 1.65 0.00	31.96 2.13 0.00	40.13 2.53 0.00	42.23 2.83 0.00	42.50 2.86 0.00	38.14 2.56 0.00
CH_MISC_IPPS 23765	28.20 1.42 -2.22	24.62 0.91 -6.93	16.52 0.81 0.00	16.08 0.78 0.00	14.90 0.72 0.00	22.95 1.07 0.00	26.72 1.19 0.00	28.33 1.28 0.00	26.96 1.16 0.00	29.87 1.30 0.00	31.21 1.51 0.00	24.21 1.32 0.00	18.65 1.11 0.00	10.30 0.65 0.00	4.96 0.35 0.00	-13.66 -0.95 0.00	21.83 1.63 0.00	24.00 1.80 0.00	32.18 2.34 0.00	40.39 2.79 0.00	42.50 3.11 0.00	42.77 3.13 0.00	38.35 2.78 0.00
CH_RES_BVR_FALLS 23983	24.43 -0.12 0.00	16.71 -0.07 0.00	15.64 -0.07 0.00	15.24 -0.05 0.00	14.13 -0.06 0.00	21.81 -0.07 0.00	25.45 -0.07 0.00	26.99 -0.05 0.00	25.76 -0.04 0.00	28.52 -0.06 0.00	29.64 -0.06 0.00	22.82 -0.07 0.00	17.48 -0.06 0.00	9.60 -0.04 0.00	4.59 -0.03 0.00	-12.66 0.05 0.00	20.11 -0.08 0.00	22.11 -0.09 0.00	29.73 -0.11 0.00	37.48 -0.11 0.00	39.22 -0.17 0.00	39.44 -0.20 0.00	35.37 -0.21 0.00
CH_RES_NIAGARA 23895	22.96 -1.94 -0.35	16.56 -1.30 -1.08	14.67 -1.03 0.00	14.17 -1.12 0.00	13.18 -1.01 0.00	20.34 -1.54 0.00	23.99 -1.53 0.00	25.59 -1.46 0.00	24.33 -1.48 0.00	26.87 -1.71 0.00	27.90 -1.81 0.00	21.42 -1.47 0.00	16.45 -1.09 0.00	9.04 -0.61 0.00	4.31 -0.31 0.00	-12.56 0.14 0.00	19.25 -0.95 0.00	20.88 -1.32 0.00	27.90 -1.94 0.00	34.71 -2.89 0.00	35.83 -3.56 0.00	35.90 -3.74 0.00	32.08 -3.50 0.00
CH_RES_SYRACUSE 23985	24.68 -0.11 -0.24	17.45 -0.07 -0.74	15.64 -0.06 0.00	15.23 -0.07 0.00	14.13 -0.05 0.00	21.81 -0.07 0.00	25.44 -0.09 0.00	26.96 -0.08 0.00	25.69 -0.11 0.00	28.46 -0.11 0.00	29.58 -0.13 0.00	22.77 -0.12 0.00	17.44 -0.09 0.00	9.58 -0.07 0.00	4.56 -0.05 0.00	-12.58 0.12 0.00	19.99 -0.21 0.00	21.99 -0.21 0.00	29.60 -0.24 0.00	37.40 -0.20 0.00	39.25 -0.14 0.00	39.49 -0.15 0.00	35.36 -0.21 0.00
CLINTON_WT_PWR 323605	24.34 -0.22 0.00	16.68 -0.10 0.00	15.61 -0.09 0.00	15.21 -0.09 0.00	14.09 -0.09 0.00	21.78 -0.10 0.00	25.45 -0.07 0.00	26.98 -0.06 0.00	25.78 -0.03 0.00	28.51 -0.07 0.00	29.61 -0.09 0.00	22.71 -0.17 0.00	17.35 -0.19 0.00	9.55 -0.10 0.00	4.55 -0.06 0.00	-12.57 0.13 0.00	19.93 -0.27 0.00	21.89 -0.31 0.00	29.51 -0.33 0.00	37.30 -0.30 0.00	39.01 -0.38 0.00	39.09 -0.54 0.00	35.09 -0.50 0.00
CLINTON___LFGE 323618	24.55 0.00 0.00	16.87 0.08 0.00	15.78 0.08 0.00	15.38 0.08 0.00	14.25 0.07 0.00	22.03 0.15 0.00	25.74 0.22 0.00	27.27 0.23 0.00	26.04 0.23 0.00	28.80 0.22 0.00	29.97 0.26 0.00	22.94 0.05 0.00	17.51 -0.02 0.00	9.64 -0.01 0.00	4.60 -0.02 0.00	-12.67 0.04 0.00	20.09 -0.11 0.00	22.07 -0.13 0.00	29.72 -0.12 0.00	37.66 0.06 0.00	39.51 0.12 0.00	39.58 -0.06 0.00	35.48 -0.11 0.00
COBBLENY_34_KV_TB1 80064	23.61 -1.33 -0.39	17.06 -0.93 -1.20	14.99 -0.71 0.00	14.52 -0.77 0.00	13.50 -0.69 0.00	20.86 -1.02 0.00	24.55 -0.97 0.00	26.23 -0.82 0.00	24.88 -0.92 0.00	27.52 -1.06 0.00	28.58 -1.13 0.00	21.88 -1.01 0.00	16.80 -0.74 0.00	9.23 -0.42 0.00	4.40 -0.21 0.00	-12.67 0.03 0.00	19.58 -0.61 0.00	21.31 -0.89 0.00	28.57 -1.27 0.00	35.77 -1.83 0.00	37.24 -2.15 0.00	37.52 -2.12 0.00	33.37 -2.22 0.00
COFFEEN___115KV_TB3 355620	24.60 -0.09 -0.13	17.09 -0.10 -0.41	15.65 -0.06 0.00	15.29 0.00 0.00	14.24 0.06 0.00	21.95 0.07 0.00	25.53 0.01 0.00	27.13 0.09 0.00	25.80 -0.01 0.00	28.52 -0.06 0.00	29.24 -0.47 0.00	22.55 -0.34 0.00	17.11 -0.43 0.00	9.27 -0.37 0.00	4.39 -0.23 0.00	-12.11 0.60 0.00	19.29 -0.91 0.00	21.39 -0.81 0.00	28.75 -1.09 0.00	36.92 -0.67 0.00	38.74 -0.65 0.00	38.72 -0.92 0.00	34.56 -1.02 0.00
COLDSPRG_115KV_BK1 355956	23.94 -1.01 -0.40	17.31 -0.72 -1.25	15.21 -0.49 0.00	14.80 -0.49 0.00	13.76 -0.42 0.00	21.30 -0.58 0.00	25.02 -0.51 0.00	26.73 -0.31 0.00	25.26 -0.54 0.00	27.98 -0.60 0.00	29.07 -0.64 0.00	22.19 -0.70 0.00	17.02 -0.52 0.00	9.37 -0.28 0.00	4.46 -0.15 0.00	-12.75 -0.05 0.00	19.91 -0.29 0.00	21.74 -0.46 0.00	29.27 -0.57 0.00	36.60 -0.99 0.00	38.27 -1.12 0.00	38.59 -1.05 0.00	34.22 -1.36 0.00
COLONIE_LFGE___ 323577	28.16 1.04 -2.57	25.47 0.69 -8.00	16.34 0.64 0.00	15.91 0.62 0.00	14.76 0.58 0.00	22.72 0.84 0.00	26.43 0.91 0.00	27.90 0.86 0.00	26.52 0.72 0.00	29.41 0.83 0.00	30.52 0.81 0.00	23.51 0.62 0.00	18.00 0.46 0.00	9.94 0.29 0.00	4.77 0.16 0.00	-12.98 -0.28 0.00	20.80 0.60 0.00	22.99 0.78 0.00	30.88 1.04 0.00	38.90 1.30 0.00	40.98 1.59 0.00	41.33 1.70 0.00	37.22 1.64 0.00
COOPERNY_115KV_TB1 80082	27.43 0.95 -1.92	23.38 0.61 -5.99	16.25 0.55 0.00	15.82 0.53 0.00	14.67 0.48 0.00	22.59 0.71 0.00	26.28 0.76 0.00	27.87 0.82 0.00	26.51 0.71 0.00	29.36 0.78 0.00	30.65 0.95 0.00	23.75 0.86 0.00	18.30 0.76 0.00	10.10 0.46 0.00	4.86 0.25 0.00	-13.38 -0.68 0.00	21.34 1.14 0.00	23.45 1.25 0.00	31.44 1.60 0.00	39.48 1.88 0.00	41.50 2.11 0.00	41.78 2.15 0.00	37.50 1.92 0.00
COPENHAGEN_WT_PWR 323753	24.43 -0.25 -0.14	16.99 -0.22 -0.42	15.54 -0.17 0.00	15.20 -0.10 0.00	14.17 -0.02 0.00	21.84 -0.04 0.00	25.38 -0.15 0.00	27.01 -0.04 0.00	25.66 -0.15 0.00	28.37 -0.21 0.00	29.11 -0.60 0.00	22.45 -0.44 0.00	17.04 -0.50 0.00	9.23 -0.41 0.00	4.38 -0.23 0.00	-12.11 0.60 0.00	19.28 -0.92 0.00	21.35 -0.85 0.00	28.69 -1.15 0.00	36.77 -0.82 0.00	38.36 -1.03 0.00	38.27 -1.37 0.00	34.21 -1.38 0.00
CORNELL_____ 23752	25.33 0.25 -0.52	18.57 0.17 -1.61	15.88 0.17 0.00	15.47 0.17 0.00	14.36 0.18 0.00	22.18 0.30 0.00	25.91 0.38 0.00	27.48 0.43 0.00	26.12 0.32 0.00	28.89 0.31 0.00	30.02 0.32 0.00	23.07 0.18 0.00	17.70 0.16 0.00	9.69 0.05 0.00	4.60 -0.01 0.00	-12.68 0.02 0.00	20.14 -0.06 0.00	22.19 -0.01 0.00	30.08 0.23 0.00	38.31 0.71 0.00	40.40 1.00 0.00	40.68 1.05 0.00	36.36 0.78 0.00
CORONAAV_69_KV_TB1	28.43	24.74	16.62	16.15	14.98	22.99	26.74	28.38	27.07	30.08	31.58	24.54	18.93	10.45	5.04	-13.90	22.13	24.34	32.47	40.80	42.98	43.17	38.98

355595	1.66 -2.22	1.04 -6.92	0.91 0.00	0.85 0.00	0.80 0.00	1.11 0.00	1.22 0.00	1.34 0.00	1.26 0.00	1.50 0.00	1.87 0.00	1.65 0.00	1.39 0.00	0.80 0.00	0.42 0.00	-1.19 0.00	1.94 0.00	2.13 0.00	2.63 0.00	3.21 0.00	3.58 0.00	3.54 0.00	3.41 0.00
CORTLAND_115KV_TB3 80093	25.15 0.18 -0.42	18.22 0.11 -1.32	15.82 0.12 0.00	15.41 0.11 0.00	14.30 0.11 0.00	22.06 0.18 0.00	25.74 0.22 0.00	27.30 0.26 0.00	25.98 0.17 0.00	28.76 0.18 0.00	29.90 0.19 0.00	23.00 0.11 0.00	17.64 0.10 0.00	9.68 0.03 0.00	4.60 -0.01 0.00	-12.69 0.02 0.00	20.18 -0.02 0.00	22.20 0.00 0.00	29.94 0.10 0.00	37.95 0.36 0.00	39.93 0.54 0.00	40.20 0.56 0.00	35.98 0.39 0.00
COXSACKIE___GT 23611	28.66 1.66 -2.45	25.48 1.06 -7.63	16.71 1.01 0.00	16.27 0.98 0.00	15.09 0.91 0.00	23.27 1.39 0.00	27.12 1.60 0.00	28.78 1.74 0.00	27.29 1.48 0.00	30.18 1.61 0.00	31.50 1.79 0.00	24.00 1.12 0.00	18.27 0.73 0.00	10.00 0.36 0.00	4.81 0.20 0.00	-13.18 -0.48 0.00	21.13 0.93 0.00	23.25 1.04 0.00	31.35 1.51 0.00	39.79 2.20 0.00	42.15 2.76 0.00	42.48 2.84 0.00	38.17 2.60 0.00
CPV_VALLEY___CC1 323721	27.60 0.99 -2.06	23.83 0.63 -6.42	16.27 0.56 0.00	15.84 0.55 0.00	14.69 0.50 0.00	22.60 0.72 0.00	26.28 0.76 0.00	27.87 0.82 0.00	26.52 0.71 0.00	29.37 0.79 0.00	30.67 0.97 0.00	23.81 0.92 0.00	18.35 0.81 0.00	10.14 0.50 0.00	4.89 0.28 0.00	-13.46 -0.75 0.00	21.47 1.27 0.00	23.56 1.36 0.00	31.56 1.73 0.00	39.58 1.99 0.00	41.64 2.24 0.00	41.92 2.29 0.00	37.64 2.06 0.00
CPV_VALLEY___CC2 323722	27.60 0.99 -2.06	23.83 0.63 -6.42	16.27 0.56 0.00	15.84 0.55 0.00	14.69 0.50 0.00	22.60 0.72 0.00	26.28 0.76 0.00	27.87 0.82 0.00	26.52 0.71 0.00	29.37 0.79 0.00	30.67 0.97 0.00	23.81 0.92 0.00	18.35 0.81 0.00	10.14 0.50 0.00	4.89 0.28 0.00	-13.46 -0.75 0.00	21.47 1.27 0.00	23.56 1.36 0.00	31.56 1.73 0.00	39.58 1.99 0.00	41.64 2.24 0.00	41.92 2.29 0.00	37.64 2.06 0.00
CRESCENT___HYD 24018	28.16 1.04 -2.57	25.47 0.69 -8.00	16.34 0.64 0.00	15.91 0.62 0.00	14.76 0.58 0.00	22.72 0.84 0.00	26.43 0.91 0.00	27.90 0.86 0.00	26.52 0.72 0.00	29.41 0.83 0.00	30.52 0.81 0.00	23.51 0.62 0.00	18.00 0.46 0.00	9.94 0.29 0.00	4.77 0.16 0.00	-12.98 -0.28 0.00	20.80 0.60 0.00	22.99 0.78 0.00	30.88 1.04 0.00	38.90 1.30 0.00	40.98 1.59 0.00	41.33 1.70 0.00	37.22 1.64 0.00
CRICKET___VALLEY_CC1 323756	27.98 1.15 -2.28	24.60 0.71 -7.10	16.33 0.63 0.00	15.92 0.63 0.00	14.76 0.57 0.00	22.73 0.85 0.00	26.44 0.92 0.00	28.01 0.96 0.00	26.66 0.85 0.00	29.54 0.96 0.00	30.91 1.20 0.00	23.98 1.09 0.00	18.51 0.97 0.00	10.22 0.58 0.00	4.93 0.31 0.00	-13.50 -0.79 0.00	21.57 1.37 0.00	23.64 1.44 0.00	31.72 1.88 0.00	39.82 2.23 0.00	41.95 2.56 0.00	42.22 2.58 0.00	37.89 2.31 0.00
CRICKET___VALLEY_CC2 323757	27.98 1.15 -2.28	24.60 0.71 -7.10	16.33 0.63 0.00	15.92 0.63 0.00	14.76 0.57 0.00	22.73 0.85 0.00	26.44 0.92 0.00	28.01 0.96 0.00	26.66 0.85 0.00	29.54 0.96 0.00	30.91 1.20 0.00	23.98 1.09 0.00	18.51 0.97 0.00	10.22 0.58 0.00	4.93 0.31 0.00	-13.50 -0.79 0.00	21.57 1.37 0.00	23.64 1.44 0.00	31.72 1.88 0.00	39.82 2.23 0.00	41.95 2.56 0.00	42.22 2.58 0.00	37.89 2.31 0.00
CRICKET___VALLEY_CC3 323758	27.98 1.15 -2.28	24.60 0.71 -7.10	16.33 0.63 0.00	15.92 0.63 0.00	14.76 0.57 0.00	22.73 0.85 0.00	26.44 0.92 0.00	28.01 0.96 0.00	26.66 0.85 0.00	29.54 0.96 0.00	30.91 1.20 0.00	23.98 1.09 0.00	18.51 0.97 0.00	10.22 0.58 0.00	4.93 0.31 0.00	-13.50 -0.79 0.00	21.57 1.37 0.00	23.64 1.44 0.00	31.72 1.88 0.00	39.82 2.23 0.00	41.95 2.56 0.00	42.22 2.58 0.00	37.89 2.31 0.00
CRUCIBLE_METL_DRP 24180	24.68 -0.11 -0.24	17.45 -0.07 -0.74	15.64 -0.06 0.00	15.23 -0.07 0.00	14.13 -0.05 0.00	21.81 -0.07 0.00	25.44 -0.09 0.00	26.96 -0.08 0.00	25.69 -0.11 0.00	28.46 -0.11 0.00	29.58 -0.13 0.00	22.77 -0.12 0.00	17.44 -0.09 0.00	9.57 -0.07 0.00	4.56 -0.05 0.00	-12.58 0.12 0.00	19.99 -0.21 0.00	21.99 -0.21 0.00	29.59 -0.24 0.00	37.40 -0.20 0.00	39.25 -0.14 0.00	39.48 -0.15 0.00	35.36 -0.21 0.00
DAHOWA___HYDRO 323763	28.68 1.54 -2.59	25.87 1.00 -8.08	16.63 0.93 0.00	16.21 0.92 0.00	15.05 0.87 0.00	23.13 1.25 0.00	26.91 1.38 0.00	28.45 1.41 0.00	27.06 1.26 0.00	29.99 1.41 0.00	31.00 1.29 0.00	23.78 0.90 0.00	18.13 0.59 0.00	9.97 0.33 0.00	4.80 0.19 0.00	-13.04 -0.33 0.00	20.96 0.77 0.00	23.32 1.12 0.00	31.52 1.68 0.00	39.86 2.26 0.00	42.00 2.61 0.00	42.37 2.73 0.00	38.01 2.42 0.00
DANC___LFGE 323619	24.38 -0.33 -0.16	17.02 -0.25 -0.49	15.49 -0.21 0.00	15.13 -0.17 0.00	14.07 -0.11 0.00	21.69 -0.19 0.00	25.25 -0.27 0.00	26.84 -0.20 0.00	25.53 -0.28 0.00	28.25 -0.32 0.00	29.13 -0.58 0.00	22.45 -0.43 0.00	17.11 -0.43 0.00	9.32 -0.32 0.00	4.43 -0.18 0.00	-12.24 0.46 0.00	19.45 -0.74 0.00	21.47 -0.73 0.00	28.86 -0.98 0.00	36.75 -0.85 0.00	38.44 -0.95 0.00	38.52 -1.12 0.00	34.45 -1.13 0.00
DANSKAMMER___1 23586	28.20 1.42 -2.22	24.62 0.91 -6.93	16.52 0.81 0.00	16.08 0.78 0.00	14.90 0.72 0.00	22.95 1.07 0.00	26.72 1.19 0.00	28.33 1.28 0.00	26.96 1.16 0.00	29.87 1.30 0.00	31.21 1.51 0.00	24.21 1.32 0.00	18.65 1.11 0.00	10.30 0.65 0.00	4.96 0.35 0.00	-13.66 -0.95 0.00	21.83 1.63 0.00	24.00 1.80 0.00	32.18 2.34 0.00	40.39 2.79 0.00	42.50 3.11 0.00	42.77 3.13 0.00	38.35 2.78 0.00
DANSKAMMER___2 23589	28.20 1.42 -2.22	24.62 0.91 -6.93	16.52 0.81 0.00	16.08 0.78 0.00	14.90 0.72 0.00	22.95 1.07 0.00	26.72 1.19 0.00	28.33 1.28 0.00	26.96 1.16 0.00	29.87 1.30 0.00	31.21 1.51 0.00	24.21 1.32 0.00	18.65 1.11 0.00	10.30 0.65 0.00	4.96 0.35 0.00	-13.66 -0.95 0.00	21.83 1.63 0.00	24.00 1.80 0.00	32.18 2.34 0.00	40.39 2.79 0.00	42.50 3.11 0.00	42.77 3.13 0.00	38.35 2.78 0.00
DANSKAMMER___3 23590	28.20 1.42 -2.22	24.62 0.91 -6.93	16.52 0.81 0.00	16.08 0.78 0.00	14.90 0.72 0.00	22.95 1.07 0.00	26.72 1.19 0.00	28.33 1.28 0.00	26.96 1.16 0.00	29.87 1.30 0.00	31.21 1.51 0.00	24.21 1.32 0.00	18.65 1.11 0.00	10.30 0.65 0.00	4.96 0.35 0.00	-13.66 -0.95 0.00	21.83 1.63 0.00	24.00 1.80 0.00	32.18 2.34 0.00	40.39 2.79 0.00	42.50 3.11 0.00	42.77 3.13 0.00	38.35 2.78 0.00
DANSKAMMER___4	28.20	24.62	16.52	16.08	14.90	22.95	26.72	28.33	26.96	29.87	31.21	24.21	18.65	10.30	4.96	-13.66	21.83	24.00	32.18	40.39	42.50	42.77	38.35

23591	1.42 -2.22	0.91 -6.93	0.81 0.00	0.78 0.00	0.72 0.00	1.07 0.00	1.19 0.00	1.28 0.00	1.16 0.00	1.30 0.00	1.51 0.00	1.32 0.00	1.11 0.00	0.65 0.00	0.35 0.00	-0.95 0.00	1.63 0.00	1.80 0.00	2.34 0.00	2.79 0.00	3.11 0.00	3.13 0.00	2.78 0.00
DANSKAMMER___DIESEL 23592	28.20 1.42 -2.22	24.62 0.91 -6.93	16.52 0.82 0.00	16.08 0.78 0.00	14.90 0.72 0.00	22.95 1.07 0.00	26.72 1.19 0.00	28.33 1.28 0.00	26.96 1.16 0.00	29.88 1.30 0.00	31.21 1.51 0.00	24.21 1.32 0.00	18.65 1.11 0.00	10.30 0.65 0.00	4.96 0.35 0.00	-13.66 -0.95 0.00	21.83 1.63 0.00	24.00 1.80 0.00	32.18 2.34 0.00	40.39 2.80 0.00	42.50 3.11 0.00	42.77 3.13 0.00	38.39 2.80 0.00
DARBY___SOLAR 323810	28.56 1.42 -2.59	25.78 0.93 -8.07	16.57 0.86 0.00	16.14 0.85 0.00	14.98 0.80 0.00	23.04 1.16 0.00	26.80 1.28 0.00	28.34 1.30 0.00	26.94 1.14 0.00	29.87 1.29 0.00	30.89 1.18 0.00	23.73 0.84 0.00	18.09 0.55 0.00	9.96 0.32 0.00	4.79 0.18 0.00	-13.02 -0.31 0.00	20.92 0.72 0.00	23.25 1.05 0.00	31.40 1.56 0.00	39.67 2.08 0.00	41.80 2.41 0.00	42.16 2.52 0.00	37.83 2.24 0.00
DASHVILLE___HYD 23610	27.96 1.14 -2.26	24.53 0.70 -7.05	16.36 0.65 0.00	15.92 0.63 0.00	14.76 0.57 0.00	22.73 0.85 0.00	26.47 0.94 0.00	28.05 1.01 0.00	26.72 0.91 0.00	29.59 1.02 0.00	30.93 1.22 0.00	23.98 1.09 0.00	18.46 0.92 0.00	10.19 0.55 0.00	4.91 0.30 0.00	-13.50 -0.79 0.00	21.58 1.38 0.00	23.72 1.52 0.00	31.80 1.97 0.00	39.92 2.33 0.00	42.01 2.62 0.00	42.29 2.66 0.00	37.93 2.35 0.00
DELAWARE___LFGE 323621	26.23 0.66 -1.02	20.40 0.44 -3.17	16.12 0.41 0.00	15.69 0.40 0.00	14.57 0.39 0.00	22.47 0.59 0.00	26.20 0.68 0.00	27.74 0.69 0.00	26.43 0.62 0.00	29.27 0.69 0.00	30.48 0.77 0.00	23.52 0.63 0.00	18.05 0.51 0.00	9.94 0.30 0.00	4.76 0.15 0.00	-13.10 -0.40 0.00	20.85 0.65 0.00	22.92 0.72 0.00	30.86 1.03 0.00	38.92 1.32 0.00	40.85 1.46 0.00	41.12 1.49 0.00	36.86 1.28 0.00
DERFIELD_115KV_TB7 355931	24.70 0.15 0.00	16.88 0.10 0.00	15.80 0.09 0.00	15.38 0.09 0.00	14.27 0.08 0.00	22.01 0.12 0.00	25.65 0.13 0.00	27.16 0.12 0.00	25.88 0.08 0.00	28.67 0.09 0.00	29.81 0.10 0.00	22.98 0.09 0.00	17.62 0.07 0.00	9.69 0.04 0.00	4.64 0.03 0.00	-12.75 -0.05 0.00	20.29 0.09 0.00	22.31 0.11 0.00	29.98 0.15 0.00	37.78 0.19 0.00	39.66 0.26 0.00	39.91 0.28 0.00	35.86 0.28 0.00
DOGLEVILLE___HYD 23807	25.79 1.24 0.00	17.64 0.85 0.00	16.48 0.78 0.00	16.04 0.75 0.00	14.95 0.77 0.00	23.07 1.19 0.00	26.84 1.32 0.00	28.20 1.16 0.00	26.70 0.89 0.00	29.38 0.80 0.00	30.17 0.46 0.00	23.16 0.27 0.00	17.64 0.10 0.00	9.68 0.04 0.00	4.68 0.07 0.00	-12.57 0.13 0.00	20.18 -0.02 0.00	22.69 0.48 0.00	30.94 1.10 0.00	39.58 1.98 0.00	42.14 2.75 0.00	42.49 2.85 0.00	38.24 2.66 0.00
DUNKIRK___115KV_TB_200 55889	23.69 -1.24 -0.38	17.09 -0.88 -1.20	15.03 -0.67 0.00	14.65 -0.64 0.00	13.62 -0.57 0.00	21.08 -0.80 0.00	24.77 -0.76 0.00	26.45 -0.60 0.00	25.00 -0.80 0.00	27.66 -0.91 0.00	28.74 -0.97 0.00	21.95 -0.94 0.00	16.88 -0.66 0.00	9.30 -0.35 0.00	4.42 -0.19 0.00	-12.63 0.07 0.00	19.77 -0.43 0.00	21.50 -0.70 0.00	28.85 -0.99 0.00	36.13 -1.46 0.00	37.74 -1.65 0.00	38.06 -1.58 0.00	33.69 -1.89 0.00
DUNKIRK___1 23563	23.69 -1.24 -0.38	17.09 -0.88 -1.20	15.03 -0.67 0.00	14.65 -0.64 0.00	13.62 -0.57 0.00	21.08 -0.80 0.00	24.77 -0.76 0.00	26.45 -0.60 0.00	25.00 -0.80 0.00	27.66 -0.91 0.00	28.74 -0.97 0.00	21.95 -0.94 0.00	16.88 -0.66 0.00	9.30 -0.35 0.00	4.42 -0.19 0.00	-12.63 0.07 0.00	19.77 -0.43 0.00	21.50 -0.70 0.00	28.85 -0.99 0.00	36.13 -1.46 0.00	37.74 -1.65 0.00	38.06 -1.58 0.00	33.69 -1.89 0.00
DUNKIRK___2 23564	23.69 -1.24 -0.38	17.09 -0.88 -1.20	15.03 -0.67 0.00	14.65 -0.64 0.00	13.62 -0.57 0.00	21.08 -0.80 0.00	24.77 -0.76 0.00	26.45 -0.60 0.00	25.00 -0.80 0.00	27.66 -0.91 0.00	28.74 -0.97 0.00	21.95 -0.94 0.00	16.88 -0.66 0.00	9.30 -0.35 0.00	4.42 -0.19 0.00	-12.63 0.07 0.00	19.77 -0.43 0.00	21.50 -0.70 0.00	28.85 -0.99 0.00	36.13 -1.46 0.00	37.74 -1.65 0.00	38.06 -1.58 0.00	33.69 -1.89 0.00
DUNKIRK___3 23565	23.63 -1.30 -0.38	17.06 -0.92 -1.19	15.00 -0.70 0.00	14.59 -0.70 0.00	13.56 -0.62 0.00	20.98 -0.90 0.00	24.65 -0.87 0.00	26.31 -0.73 0.00	24.90 -0.91 0.00	27.54 -1.04 0.00	28.62 -1.09 0.00	21.88 -1.01 0.00	16.82 -0.73 0.00	9.26 -0.39 0.00	4.41 -0.20 0.00	-12.61 0.10 0.00	19.67 -0.52 0.00	21.40 -0.80 0.00	28.70 -1.14 0.00	35.93 -1.66 0.00	37.49 -1.90 0.00	37.78 -1.85 0.00	33.51 -2.07 0.00
DUNKIRK___4 23566	23.63 -1.30 -0.38	17.06 -0.92 -1.19	15.00 -0.70 0.00	14.59 -0.70 0.00	13.56 -0.62 0.00	20.98 -0.90 0.00	24.65 -0.87 0.00	26.31 -0.73 0.00	24.90 -0.91 0.00	27.54 -1.04 0.00	28.62 -1.09 0.00	21.88 -1.01 0.00	16.82 -0.73 0.00	9.26 -0.39 0.00	4.41 -0.20 0.00	-12.61 0.10 0.00	19.67 -0.52 0.00	21.40 -0.80 0.00	28.70 -1.14 0.00	35.93 -1.66 0.00	37.49 -1.90 0.00	37.78 -1.85 0.00	33.51 -2.07 0.00
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	28.19 1.42 -2.22	24.60 0.90 -6.91	16.50 0.79 0.00	16.05 0.76 0.00	14.88 0.70 0.00	22.90 1.03 0.00	26.66 1.14 0.00	28.28 1.24 0.00	26.92 1.12 0.00	29.82 1.24 0.00	31.17 1.47 0.00	24.24 1.36 0.00	18.71 1.17 0.00	10.34 0.70 0.00	4.99 0.38 0.00	-13.74 -1.04 0.00	21.94 1.74 0.00	24.08 1.88 0.00	32.18 2.34 0.00	40.31 2.72 0.00	42.43 3.03 0.00	42.69 3.06 0.00	38.35 2.76 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	28.01 1.28 -2.19	24.40 0.81 -6.81	16.42 0.72 0.00	15.99 0.69 0.00	14.82 0.64 0.00	22.81 0.94 0.00	26.56 1.04 0.00	28.17 1.13 0.00	26.80 1.00 0.00	29.69 1.11 0.00	31.02 1.31 0.00	24.05 1.17 0.00	18.54 1.00 0.00	10.24 0.59 0.00	4.94 0.33 0.00	-13.59 -0.88 0.00	21.70 1.50 0.00	23.84 1.64 0.00	31.97 2.14 0.00	40.13 2.53 0.00	42.23 2.84 0.00	42.51 2.88 0.00	38.14 2.56 0.00
E179THST_138_KV_TB4_REV_LBMP_J 345001	28.24 1.47 -2.22	24.63 0.93 -6.91	16.51 0.81 0.00	16.07 0.77 0.00	14.89 0.71 0.00	22.93 1.05 0.00	26.68 1.16 0.00	28.30 1.26 0.00	26.95 1.15 0.00	29.78 1.21 0.00	31.12 1.42 0.00	24.26 1.37 0.00	18.74 1.20 0.00	10.36 0.72 0.00	5.00 0.39 0.00	-13.80 -1.10 0.00	22.03 1.84 0.00	24.15 1.95 0.00	32.24 2.40 0.00	40.41 2.82 0.00	42.54 3.15 0.00	42.85 3.21 0.00	38.43 2.85 0.00
E179THST_13_KV_LOAD	28.32	24.67	16.55	16.11	14.93	22.99	26.75	28.37	27.04	29.89	31.24	24.35	18.81	10.40	5.03	-13.86	22.13	24.25	32.38	40.60	42.75	43.04	38.60

356214	1.54 -2.22	0.97 -6.91	0.85 0.00	0.81 0.00	0.74 0.00	1.11 0.00	1.22 0.00	1.33 0.00	1.23 0.00	1.31 0.00	1.53 0.00	1.46 0.00	1.28 0.00	0.76 0.00	0.41 0.00	-1.15 0.00	1.93 0.00	2.05 0.00	2.54 0.00	3.01 0.00	3.36 0.00	3.40 0.00	3.02 0.00
EAST HAMPTON___GT 23717	28.97 2.20 -2.22	25.17 1.47 -6.92	17.11 1.41 0.00	16.64 1.35 0.00	15.25 1.07 0.00	22.91 1.03 0.00	26.47 0.95 0.00	28.13 1.08 0.00	27.13 1.32 0.00	30.35 1.77 0.00	31.67 1.97 0.00	24.72 1.83 0.00	18.93 1.39 0.00	10.46 0.82 0.00	5.06 0.45 0.00	-14.01 -1.30 0.00	22.34 2.15 0.00	24.92 2.72 0.00	33.51 3.67 0.00	42.32 4.73 0.00	44.28 4.89 0.00	43.82 4.18 0.00	40.06 4.47 0.00
EAST RIVER___6 23660	28.16 1.38 -2.22	24.58 0.88 -6.91	16.47 0.77 0.00	16.03 0.73 0.00	14.85 0.67 0.00	22.87 1.00 0.00	26.64 1.12 0.00	28.25 1.20 0.00	26.91 1.10 0.00	29.80 1.22 0.00	31.15 1.44 0.00	24.26 1.37 0.00	18.76 1.22 0.00	10.37 0.73 0.00	5.01 0.40 0.00	-13.82 -1.12 0.00	22.05 1.86 0.00	24.18 1.98 0.00	32.28 2.44 0.00	40.39 2.79 0.00	42.50 3.11 0.00	42.76 3.13 0.00	38.39 2.81 0.00
EAST RIVER___7 23524	28.16 1.38 -2.22	24.58 0.88 -6.91	16.47 0.77 0.00	16.03 0.73 0.00	14.85 0.67 0.00	22.87 1.00 0.00	26.64 1.12 0.00	28.25 1.20 0.00	26.91 1.10 0.00	29.80 1.22 0.00	31.15 1.44 0.00	24.26 1.37 0.00	18.76 1.22 0.00	10.37 0.73 0.00	5.01 0.40 0.00	-13.82 -1.12 0.00	22.05 1.86 0.00	24.18 1.98 0.00	32.28 2.44 0.00	40.39 2.79 0.00	42.50 3.11 0.00	42.76 3.13 0.00	38.39 2.81 0.00
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	28.14 1.37 -2.22	24.56 0.86 -6.91	16.47 0.76 0.00	16.02 0.73 0.00	14.85 0.67 0.00	22.86 0.98 0.00	26.61 1.09 0.00	28.23 1.19 0.00	26.88 1.07 0.00	29.77 1.20 0.00	31.13 1.42 0.00	24.19 1.31 0.00	18.67 1.13 0.00	10.32 0.67 0.00	4.98 0.37 0.00	-13.71 -1.00 0.00	21.88 1.69 0.00	24.02 1.81 0.00	32.12 2.29 0.00	40.26 2.67 0.00	42.38 2.98 0.00	42.64 3.01 0.00	38.28 2.70 0.00
EAST_HAMPTON___DIESEL 23722	28.96 2.19 -2.22	25.16 1.46 -6.92	17.11 1.40 0.00	16.64 1.35 0.00	15.24 1.06 0.00	22.86 0.99 0.00	26.42 0.90 0.00	28.08 1.03 0.00	27.09 1.28 0.00	30.29 1.72 0.00	31.62 1.91 0.00	24.69 1.80 0.00	18.90 1.36 0.00	10.45 0.80 0.00	5.05 0.44 0.00	-13.99 -1.28 0.00	22.32 2.12 0.00	24.90 2.70 0.00	33.49 3.65 0.00	42.30 4.71 0.00	44.25 4.86 0.00	43.78 4.14 0.00	40.06 4.47 0.00
EAST_POINT___SOLAR 323840	28.37 1.02 -2.80	26.21 0.69 -8.74	16.36 0.66 0.00	15.93 0.64 0.00	14.80 0.62 0.00	22.88 1.01 0.00	26.76 1.24 0.00	28.21 1.17 0.00	26.90 1.09 0.00	29.50 0.92 0.00	30.03 0.32 0.00	23.10 0.21 0.00	17.58 0.04 0.00	9.62 -0.03 0.00	4.62 0.01 0.00	-12.55 0.15 0.00	19.91 -0.28 0.00	21.99 -0.21 0.00	29.85 0.01 0.00	38.82 1.22 0.00	41.49 2.10 0.00	41.77 2.13 0.00	37.36 1.79 0.00
EAST_PULASKI___ESR 323781	24.37 -0.36 -0.18	17.08 -0.24 -0.55	15.48 -0.23 0.00	15.07 -0.22 0.00	13.99 -0.19 0.00	21.58 -0.29 0.00	25.17 -0.35 0.00	26.71 -0.34 0.00	25.44 -0.37 0.00	28.17 -0.41 0.00	29.20 -0.51 0.00	22.50 -0.39 0.00	17.21 -0.33 0.00	9.43 -0.22 0.00	4.50 -0.12 0.00	-12.39 0.31 0.00	19.66 -0.54 0.00	21.65 -0.56 0.00	29.09 -0.75 0.00	36.79 -0.81 0.00	38.59 -0.81 0.00	38.81 -0.83 0.00	34.77 -0.82 0.00
EAST_RIVER___1 323558	28.19 1.42 -2.22	24.60 0.91 -6.91	16.50 0.79 0.00	16.05 0.76 0.00	14.88 0.69 0.00	22.90 1.03 0.00	26.67 1.15 0.00	28.30 1.26 0.00	26.95 1.14 0.00	29.84 1.26 0.00	31.18 1.47 0.00	24.29 1.40 0.00	18.77 1.23 0.00	10.37 0.73 0.00	5.01 0.40 0.00	-13.82 -1.12 0.00	22.06 1.87 0.00	24.18 1.98 0.00	32.28 2.44 0.00	40.40 2.81 0.00	42.51 3.12 0.00	42.78 3.15 0.00	38.42 2.84 0.00
EAST_RIVER___2 323559	28.16 1.38 -2.22	24.58 0.88 -6.91	16.47 0.77 0.00	16.03 0.73 0.00	14.85 0.67 0.00	22.87 1.00 0.00	26.64 1.12 0.00	28.25 1.20 0.00	26.91 1.10 0.00	29.80 1.22 0.00	31.15 1.44 0.00	24.26 1.37 0.00	18.76 1.22 0.00	10.37 0.73 0.00	5.01 0.40 0.00	-13.82 -1.12 0.00	22.05 1.86 0.00	24.18 1.98 0.00	32.28 2.44 0.00	40.39 2.79 0.00	42.50 3.11 0.00	42.76 3.13 0.00	38.39 2.81 0.00
EAST___DELAWARE_HYD 23607	27.92 1.25 -2.12	24.17 0.79 -6.60	16.41 0.71 0.00	15.97 0.68 0.00	14.81 0.63 0.00	22.80 0.92 0.00	26.54 1.02 0.00	28.14 1.10 0.00	26.49 0.68 0.00	29.36 0.78 0.00	30.67 0.96 0.00	23.73 0.84 0.00	18.22 0.68 0.00	9.95 0.31 0.00	4.80 0.19 0.00	-13.21 -0.51 0.00	21.13 0.93 0.00	23.29 1.09 0.00	31.31 1.47 0.00	39.30 1.70 0.00	41.33 1.94 0.00	41.59 1.95 0.00	37.28 1.71 0.00
EIGHT_POINT___WT_PWR 323820	23.80 -1.20 -0.45	17.46 -0.74 -1.41	15.14 -0.57 0.00	14.77 -0.53 0.00	13.80 -0.38 0.00	21.45 -0.42 0.00	25.27 -0.25 0.00	27.03 -0.01 0.00	25.73 -0.07 0.00	28.46 -0.12 0.00	29.53 -0.17 0.00	22.46 -0.43 0.00	17.05 -0.49 0.00	9.25 -0.39 0.00	4.39 -0.22 0.00	-12.47 0.23 0.00	19.48 -0.71 0.00	21.43 -0.77 0.00	29.23 -0.61 0.00	37.46 -0.13 0.00	39.52 0.13 0.00	39.82 0.19 0.00	35.40 -0.18 0.00
ELBRIDGE_115KV_TB2 80188	24.58 -0.22 -0.25	17.42 -0.14 -0.78	15.58 -0.12 0.00	15.17 -0.13 0.00	14.08 -0.11 0.00	21.72 -0.16 0.00	25.35 -0.17 0.00	26.85 -0.19 0.00	25.58 -0.23 0.00	28.33 -0.25 0.00	29.44 -0.27 0.00	22.66 -0.23 0.00	17.36 -0.18 0.00	9.53 -0.12 0.00	4.55 -0.07 0.00	-12.54 0.16 0.00	19.92 -0.27 0.00	21.90 -0.30 0.00	29.48 -0.35 0.00	37.24 -0.35 0.00	39.10 -0.29 0.00	39.34 -0.29 0.00	35.22 -0.36 0.00
ELEC_TRO_TEK 24086	28.36 1.58 -2.22	24.69 0.99 -6.92	16.57 0.87 0.00	16.11 0.81 0.00	14.94 0.76 0.00	22.93 1.05 0.00	26.67 1.15 0.00	28.31 1.27 0.00	27.01 1.20 0.00	30.01 1.44 0.00	31.47 1.77 0.00	24.46 1.57 0.00	18.87 1.33 0.00	10.41 0.77 0.00	5.02 0.40 0.00	-13.85 -1.15 0.00	22.06 1.86 0.00	24.26 2.06 0.00	32.36 2.52 0.00	40.66 3.06 0.00	42.82 3.43 0.00	43.02 3.38 0.00	38.88 3.30 0.00
ELLENBURG_WT_PWR 323604	24.34 -0.22 0.00	16.68 -0.10 0.00	15.61 -0.09 0.00	15.21 -0.09 0.00	14.09 -0.09 0.00	21.78 -0.10 0.00	25.45 -0.07 0.00	26.98 -0.06 0.00	25.78 -0.03 0.00	28.51 -0.07 0.00	29.61 -0.09 0.00	22.71 -0.17 0.00	17.35 -0.19 0.00	9.55 -0.10 0.00	4.55 -0.06 0.00	-12.57 0.13 0.00	19.93 -0.27 0.00	21.89 -0.31 0.00	29.51 -0.33 0.00	37.30 -0.30 0.00	39.01 -0.38 0.00	39.09 -0.54 0.00	35.09 -0.50 0.00
ELM_ST_23_KV_LD_REV_LBMP_A	23.46	16.92	14.93	14.45	13.44	20.76	24.45	26.10	24.78	27.38	28.44	21.80	16.73	9.20	4.38	-12.65	19.50	21.20	28.37	35.48	36.89	37.14	33.09

345012	-1.46 -0.36	-0.99 -1.13	-0.77 0.00	-0.84 0.00	-0.74 0.00	-1.12 0.00	-1.07 0.00	-0.95 0.00	-1.03 0.00	-1.20 0.00	-1.28 0.00	-1.09 0.00	-0.81 0.00	-0.45 0.00	-0.23 0.00	0.05 0.00	-0.70 0.00	-1.00 0.00	-1.47 0.00	-2.12 0.00	-2.50 0.00	-2.49 0.00	-2.50 0.00
EMPIRE_CC_1 323656	28.01 1.00 -2.45	25.10 0.67 -7.65	16.32 0.62 0.00	15.90 0.60 0.00	14.74 0.56 0.00	22.71 0.83 0.00	26.40 0.88 0.00	27.86 0.82 0.00	26.46 0.65 0.00	29.36 0.78 0.00	30.49 0.78 0.00	23.53 0.64 0.00	18.03 0.49 0.00	9.96 0.31 0.00	4.78 0.17 0.00	-12.96 -0.26 0.00	20.69 0.49 0.00	22.81 0.61 0.00	30.51 0.68 0.00	38.31 0.72 0.00	40.41 1.02 0.00	40.81 1.17 0.00	36.94 1.35 0.00
EMPIRE_CC_2 323658	28.01 1.00 -2.45	25.10 0.67 -7.65	16.32 0.62 0.00	15.90 0.60 0.00	14.74 0.56 0.00	22.71 0.83 0.00	26.40 0.88 0.00	27.86 0.82 0.00	26.46 0.65 0.00	29.36 0.78 0.00	30.49 0.78 0.00	23.53 0.64 0.00	18.03 0.49 0.00	9.96 0.31 0.00	4.78 0.17 0.00	-12.96 -0.26 0.00	20.69 0.49 0.00	22.81 0.61 0.00	30.51 0.68 0.00	38.31 0.72 0.00	40.41 1.02 0.00	40.81 1.17 0.00	36.94 1.35 0.00
ENORWICH_115KV_TB1 80156	26.11 0.84 -0.73	19.51 0.47 -2.27	16.29 0.59 0.00	15.94 0.65 0.00	14.90 0.72 0.00	23.02 1.14 0.00	26.96 1.43 0.00	28.67 1.62 0.00	27.26 1.45 0.00	30.12 1.54 0.00	31.21 1.50 0.00	23.89 1.00 0.00	18.17 0.64 0.00	9.99 0.34 0.00	4.69 0.08 0.00	-12.98 -0.28 0.00	20.40 0.21 0.00	22.59 0.39 0.00	31.02 1.18 0.00	40.12 2.53 0.00	42.43 3.04 0.00	42.60 2.96 0.00	38.03 2.45 0.00
ERIE_ST__34_KV_TB1-2 80199	23.56 -1.37 -0.38	16.99 -0.96 -1.17	14.97 -0.73 0.00	14.49 -0.80 0.00	13.47 -0.72 0.00	20.81 -1.07 0.00	24.49 -1.03 0.00	26.15 -0.89 0.00	24.82 -0.99 0.00	27.44 -1.14 0.00	28.51 -1.20 0.00	21.85 -1.04 0.00	16.77 -0.77 0.00	9.21 -0.43 0.00	4.39 -0.22 0.00	-12.63 0.07 0.00	19.54 -0.65 0.00	21.28 -0.92 0.00	28.54 -1.30 0.00	35.71 -1.88 0.00	37.16 -2.23 0.00	37.40 -2.23 0.00	33.29 -2.29 0.00
ERIE_WT_PWR 323693	23.59 -1.34 -0.37	17.02 -0.92 -1.16	15.00 -0.71 0.00	14.52 -0.77 0.00	13.50 -0.68 0.00	20.88 -1.00 0.00	24.57 -0.95 0.00	26.23 -0.82 0.00	24.87 -0.93 0.00	27.52 -1.06 0.00	28.57 -1.13 0.00	21.88 -1.00 0.00	16.80 -0.75 0.00	9.23 -0.42 0.00	4.40 -0.21 0.00	-12.67 0.03 0.00	19.57 -0.62 0.00	21.29 -0.91 0.00	28.53 -1.31 0.00	35.73 -1.86 0.00	37.20 -2.19 0.00	37.48 -2.16 0.00	33.34 -2.25 0.00
ESPRGFLD_115KV_TB1 80157	25.21 0.50 -0.16	17.62 0.34 -0.49	16.05 0.35 0.00	15.64 0.35 0.00	14.54 0.36 0.00	22.48 0.60 0.00	26.30 0.78 0.00	27.88 0.84 0.00	26.63 0.82 0.00	29.43 0.85 0.00	30.49 0.78 0.00	23.47 0.58 0.00	17.97 0.43 0.00	9.84 0.20 0.00	4.69 0.08 0.00	-12.90 -0.20 0.00	20.48 0.28 0.00	22.46 0.25 0.00	30.41 0.57 0.00	38.79 1.19 0.00	40.81 1.42 0.00	41.05 1.42 0.00	36.69 1.11 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	25.30 0.23 -0.52	18.55 0.16 -1.61	15.86 0.16 0.00	15.45 0.16 0.00	14.35 0.17 0.00	22.15 0.28 0.00	25.88 0.36 0.00	27.43 0.39 0.00	26.10 0.29 0.00	28.86 0.28 0.00	30.00 0.29 0.00	23.04 0.16 0.00	17.68 0.13 0.00	9.69 0.04 0.00	4.60 -0.01 0.00	-12.68 0.02 0.00	20.14 -0.06 0.00	22.19 -0.01 0.00	30.05 0.21 0.00	38.22 0.63 0.00	40.28 0.88 0.00	40.55 0.91 0.00	36.25 0.68 0.00
ETNA_____115KV_TB2 80207	25.30 0.23 -0.52	18.55 0.16 -1.61	15.86 0.16 0.00	15.45 0.16 0.00	14.35 0.17 0.00	22.15 0.28 0.00	25.88 0.36 0.00	27.43 0.39 0.00	26.10 0.29 0.00	28.86 0.28 0.00	30.00 0.29 0.00	23.04 0.16 0.00	17.68 0.13 0.00	9.69 0.04 0.00	4.60 -0.01 0.00	-12.68 0.02 0.00	20.14 -0.06 0.00	22.19 -0.01 0.00	30.05 0.21 0.00	38.22 0.63 0.00	40.28 0.88 0.00	40.55 0.91 0.00	36.25 0.68 0.00
EUCLID__115KV_TB2 356179	24.42 -0.33 -0.20	17.17 -0.23 -0.62	15.49 -0.21 0.00	15.08 -0.21 0.00	13.99 -0.19 0.00	21.59 -0.29 0.00	25.20 -0.32 0.00	26.72 -0.33 0.00	25.47 -0.34 0.00	28.20 -0.37 0.00	29.32 -0.39 0.00	22.58 -0.31 0.00	17.30 -0.24 0.00	9.49 -0.15 0.00	4.53 -0.08 0.00	-12.50 0.20 0.00	19.84 -0.36 0.00	21.80 -0.40 0.00	29.30 -0.54 0.00	36.97 -0.62 0.00	38.80 -0.59 0.00	39.02 -0.61 0.00	34.97 -0.60 0.00
E_CANADA_CAP_HY 24051	28.05 0.58 -2.92	26.29 0.41 -9.10	16.12 0.41 0.00	15.70 0.41 0.00	14.59 0.40 0.00	22.57 0.69 0.00	26.40 0.87 0.00	27.93 0.89 0.00	26.65 0.84 0.00	29.38 0.80 0.00	30.26 0.56 0.00	23.28 0.39 0.00	17.78 0.24 0.00	9.72 0.07 0.00	4.64 0.03 0.00	-12.70 0.01 0.00	20.14 -0.06 0.00	22.12 -0.08 0.00	30.00 0.16 0.00	38.49 0.89 0.00	40.70 1.31 0.00	40.96 1.33 0.00	36.65 1.08 0.00
E_CANADA_MHWK_HY 24050	25.79 1.24 0.00	17.64 0.85 0.00	16.48 0.78 0.00	16.04 0.75 0.00	14.95 0.77 0.00	23.07 1.19 0.00	26.84 1.32 0.00	28.20 1.16 0.00	26.70 0.89 0.00	29.38 0.80 0.00	30.17 0.46 0.00	23.16 0.27 0.00	17.64 0.10 0.00	9.68 0.04 0.00	4.68 0.07 0.00	-12.57 0.13 0.00	20.18 -0.02 0.00	22.69 0.48 0.00	30.94 1.10 0.00	39.57 1.98 0.00	42.14 2.75 0.00	42.49 2.86 0.00	38.25 2.66 0.00
E_FISHKILL__LBMP 23776	28.00 1.20 -2.25	24.56 0.76 -7.02	16.38 0.67 0.00	15.95 0.65 0.00	14.78 0.60 0.00	22.77 0.88 0.00	26.49 0.97 0.00	28.08 1.04 0.00	26.72 0.92 0.00	29.61 1.03 0.00	30.94 1.23 0.00	24.01 1.12 0.00	18.51 0.97 0.00	10.22 0.58 0.00	4.93 0.32 0.00	-13.55 -0.84 0.00	21.63 1.43 0.00	23.74 1.54 0.00	31.80 1.96 0.00	39.90 2.31 0.00	41.99 2.60 0.00	42.27 2.64 0.00	37.96 2.38 0.00
FALCON__SEABRD_CC1 323796	24.51 -0.04 0.00	16.87 0.08 0.00	15.78 0.07 0.00	15.38 0.08 0.00	14.25 0.07 0.00	22.03 0.15 0.00	25.74 0.22 0.00	27.25 0.21 0.00	26.02 0.22 0.00	28.81 0.23 0.00	29.96 0.25 0.00	22.95 0.06 0.00	17.54 0.00 0.00	9.65 0.01 0.00	4.61 -0.01 0.00	-12.68 0.02 0.00	20.13 -0.07 0.00	22.13 -0.08 0.00	29.76 -0.07 0.00	37.66 0.07 0.00	39.47 0.08 0.00	39.54 -0.10 0.00	35.47 -0.11 0.00
FALCON__SEABRD_CC2 323797	24.51 -0.04 0.00	16.87 0.08 0.00	15.78 0.07 0.00	15.38 0.08 0.00	14.25 0.07 0.00	22.03 0.15 0.00	25.74 0.22 0.00	27.25 0.21 0.00	26.02 0.22 0.00	28.81 0.23 0.00	29.96 0.25 0.00	22.95 0.06 0.00	17.54 0.00 0.00	9.65 0.01 0.00	4.61 -0.01 0.00	-12.68 0.02 0.00	20.13 -0.07 0.00	22.13 -0.08 0.00	29.76 -0.07 0.00	37.66 0.07 0.00	39.47 0.08 0.00	39.54 -0.10 0.00	35.47 -0.11 0.00
FAR ROCKAWAY__4	28.62	24.85	16.73	16.25	15.08	23.13	26.90	28.56	27.27	30.31	31.83	24.74	19.07	10.52	5.07	-14.00	22.29	24.53	32.72	41.11	43.33	43.51	39.30

23548	1.85 -2.22	1.15 -6.92	1.02 0.00	0.95 0.00	0.89 0.00	1.25 0.00	1.38 0.00	1.52 0.00	1.47 0.00	1.73 0.00	2.12 0.00	1.85 0.00	1.54 0.00	0.88 0.00	0.46 0.00	-1.29 0.00	2.10 0.00	2.33 0.00	2.88 0.00	3.52 0.00	3.94 0.00	3.87 0.00	3.73 0.00
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	28.23 1.45 -2.22	24.62 0.92 -6.91	16.51 0.81 0.00	16.06 0.77 0.00	14.89 0.70 0.00	22.92 1.05 0.00	26.69 1.17 0.00	28.32 1.28 0.00	26.97 1.17 0.00	29.87 1.29 0.00	31.21 1.50 0.00	24.31 1.42 0.00	18.78 1.24 0.00	10.38 0.74 0.00	5.01 0.40 0.00	-13.83 -1.13 0.00	22.07 1.88 0.00	24.20 2.00 0.00	32.30 2.47 0.00	40.43 2.84 0.00	42.54 3.15 0.00	42.81 3.17 0.00	38.46 2.88 0.00
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	28.22 1.45 -2.22	24.62 0.92 -6.91	16.51 0.81 0.00	16.06 0.77 0.00	14.89 0.70 0.00	22.92 1.04 0.00	26.68 1.16 0.00	28.32 1.28 0.00	26.97 1.16 0.00	29.85 1.28 0.00	31.21 1.50 0.00	24.31 1.42 0.00	18.78 1.24 0.00	10.38 0.73 0.00	5.01 0.40 0.00	-13.83 -1.12 0.00	22.07 1.87 0.00	24.20 2.00 0.00	32.30 2.46 0.00	40.42 2.83 0.00	42.54 3.15 0.00	42.81 3.17 0.00	38.46 2.88 0.00
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	28.21 1.44 -2.22	24.61 0.91 -6.91	16.50 0.80 0.00	16.06 0.76 0.00	14.88 0.70 0.00	22.91 1.04 0.00	26.68 1.16 0.00	28.31 1.26 0.00	26.96 1.15 0.00	29.85 1.27 0.00	31.19 1.48 0.00	24.30 1.41 0.00	18.77 1.23 0.00	10.37 0.73 0.00	5.01 0.40 0.00	-13.82 -1.12 0.00	22.06 1.86 0.00	24.18 1.98 0.00	32.28 2.44 0.00	40.40 2.81 0.00	42.51 3.12 0.00	42.79 3.15 0.00	38.42 2.85 0.00
FARRAGUT___LBMP 323566	28.19 1.42 -2.22	24.60 0.90 -6.91	16.49 0.79 0.00	16.05 0.75 0.00	14.87 0.69 0.00	22.90 1.02 0.00	26.66 1.13 0.00	28.29 1.25 0.00	26.94 1.14 0.00	29.82 1.25 0.00	31.17 1.46 0.00	24.28 1.39 0.00	18.76 1.22 0.00	10.37 0.72 0.00	5.01 0.40 0.00	-13.82 -1.11 0.00	22.04 1.85 0.00	24.17 1.96 0.00	32.26 2.42 0.00	40.37 2.78 0.00	42.49 3.10 0.00	42.76 3.12 0.00	38.39 2.81 0.00
FARRCKWY_69_KV_BK2 55825	28.62 1.85 -2.22	24.85 1.15 -6.92	16.73 1.02 0.00	16.25 0.95 0.00	15.08 0.89 0.00	23.13 1.25 0.00	26.90 1.38 0.00	28.56 1.52 0.00	27.27 1.47 0.00	30.31 1.73 0.00	31.83 2.12 0.00	24.74 1.85 0.00	19.07 1.54 0.00	10.52 0.88 0.00	5.07 0.46 0.00	-14.00 -1.29 0.00	22.29 2.10 0.00	24.53 2.33 0.00	32.72 2.88 0.00	41.11 3.52 0.00	43.33 3.94 0.00	43.51 3.87 0.00	39.30 3.73 0.00
FENNER___WINDPWR 24204	25.20 0.36 -0.28	17.93 0.25 -0.89	15.95 0.24 0.00	15.53 0.23 0.00	14.40 0.21 0.00	22.19 0.31 0.00	25.88 0.36 0.00	27.47 0.43 0.00	26.18 0.38 0.00	28.99 0.41 0.00	30.14 0.43 0.00	23.17 0.29 0.00	17.76 0.22 0.00	9.73 0.08 0.00	4.63 0.01 0.00	-12.73 -0.03 0.00	20.25 0.05 0.00	22.30 0.10 0.00	30.09 0.25 0.00	38.22 0.63 0.00	40.22 0.83 0.00	40.43 0.79 0.00	36.22 0.64 0.00
FIBERTEK___ENERGY 23856	24.68 -0.11 -0.24	17.45 -0.07 -0.74	15.64 -0.06 0.00	15.23 -0.07 0.00	14.13 -0.05 0.00	21.81 -0.07 0.00	25.44 -0.09 0.00	26.96 -0.08 0.00	25.69 -0.11 0.00	28.46 -0.11 0.00	29.58 -0.13 0.00	22.77 -0.12 0.00	17.44 -0.09 0.00	9.57 -0.07 0.00	4.56 -0.05 0.00	-12.58 0.12 0.00	19.99 -0.21 0.00	21.99 -0.21 0.00	29.59 -0.24 0.00	37.40 -0.20 0.00	39.25 -0.14 0.00	39.48 -0.15 0.00	35.36 -0.21 0.00
FITZPATRICK___ 23598	24.07 -0.62 -0.14	16.80 -0.42 -0.44	15.31 -0.39 0.00	14.91 -0.39 0.00	13.83 -0.36 0.00	21.34 -0.54 0.00	24.90 -0.63 0.00	26.39 -0.65 0.00	25.16 -0.65 0.00	27.86 -0.71 0.00	28.96 -0.75 0.00	22.30 -0.59 0.00	17.09 -0.45 0.00	9.39 -0.26 0.00	4.48 -0.13 0.00	-12.36 0.35 0.00	19.60 -0.60 0.00	21.53 -0.67 0.00	28.91 -0.93 0.00	36.44 -1.15 0.00	38.22 -1.17 0.00	38.45 -1.18 0.00	34.47 -1.10 0.00
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	28.25 1.46 -2.23	24.68 0.94 -6.95	16.54 0.84 0.00	16.11 0.81 0.00	14.93 0.74 0.00	22.99 1.11 0.00	26.77 1.25 0.00	28.38 1.34 0.00	27.02 1.21 0.00	29.94 1.36 0.00	31.28 1.57 0.00	24.26 1.37 0.00	18.69 1.15 0.00	10.32 0.67 0.00	4.97 0.36 0.00	-13.68 -0.98 0.00	21.88 1.68 0.00	24.06 1.85 0.00	32.26 2.42 0.00	40.49 2.89 0.00	42.60 3.21 0.00	42.87 3.24 0.00	38.46 2.88 0.00
FORT ORANGE___ 23900	27.99 0.92 -2.52	25.24 0.60 -7.85	16.26 0.56 0.00	15.83 0.54 0.00	14.69 0.50 0.00	22.62 0.75 0.00	26.31 0.78 0.00	27.81 0.76 0.00	26.34 0.53 0.00	29.15 0.57 0.00	30.38 0.67 0.00	23.40 0.51 0.00	17.92 0.38 0.00	9.87 0.22 0.00	4.74 0.13 0.00	-12.95 -0.25 0.00	20.68 0.48 0.00	22.77 0.57 0.00	30.52 0.68 0.00	38.47 0.88 0.00	40.57 1.18 0.00	40.91 1.27 0.00	36.89 1.32 0.00
FORT_DRUM_COGEN 23780	24.54 -0.14 -0.13	17.05 -0.13 -0.40	15.62 -0.09 0.00	15.27 -0.03 0.00	14.22 0.04 0.00	21.92 0.04 0.00	25.49 -0.03 0.00	27.10 0.06 0.00	25.76 -0.04 0.00	28.47 -0.11 0.00	29.21 -0.50 0.00	22.52 -0.37 0.00	17.09 -0.45 0.00	9.26 -0.38 0.00	4.39 -0.22 0.00	-12.12 0.58 0.00	19.30 -0.90 0.00	21.38 -0.82 0.00	28.77 -1.07 0.00	36.90 -0.69 0.00	38.64 -0.76 0.00	38.59 -1.04 0.00	34.46 -1.13 0.00
FOX_HILLS___ESR 323835	28.25 1.48 -2.22	24.63 0.93 -6.91	16.52 0.81 0.00	16.07 0.78 0.00	14.90 0.71 0.00	22.93 1.05 0.00	26.70 1.17 0.00	28.34 1.30 0.00	27.00 1.20 0.00	29.87 1.29 0.00	31.22 1.51 0.00	24.32 1.43 0.00	18.78 1.24 0.00	10.39 0.75 0.00	5.02 0.41 0.00	-13.86 -1.15 0.00	22.11 1.92 0.00	24.26 2.05 0.00	32.37 2.53 0.00	40.57 2.98 0.00	42.72 3.33 0.00	42.96 3.33 0.00	38.56 2.99 0.00
FPL_FAR_ROCK_GT1 24212	28.62 1.85 -2.22	24.85 1.16 -6.92	16.73 1.02 0.00	16.25 0.95 0.00	15.08 0.89 0.00	23.13 1.25 0.00	26.90 1.38 0.00	28.56 1.52 0.00	27.28 1.47 0.00	30.31 1.73 0.00	31.83 2.13 0.00	24.74 1.85 0.00	19.07 1.54 0.00	10.52 0.88 0.00	5.07 0.46 0.00	-14.00 -1.29 0.00	22.29 2.10 0.00	24.53 2.33 0.00	32.72 2.88 0.00	41.11 3.52 0.00	43.33 3.94 0.00	43.51 3.87 0.00	39.28 3.69 0.00
FPL_FAR_ROCK_GT2 23815	28.62 1.85 -2.22	24.85 1.16 -6.92	16.73 1.02 0.00	16.25 0.95 0.00	15.08 0.89 0.00	23.13 1.25 0.00	26.90 1.38 0.00	28.56 1.52 0.00	27.28 1.47 0.00	30.31 1.73 0.00	31.83 2.13 0.00	24.74 1.85 0.00	19.07 1.54 0.00	10.52 0.88 0.00	5.07 0.46 0.00	-14.00 -1.29 0.00	22.29 2.10 0.00	24.53 2.33 0.00	32.72 2.88 0.00	41.11 3.52 0.00	43.33 3.94 0.00	43.51 3.87 0.00	39.28 3.69 0.00
FRANKLIN_FALL_HYD	24.44	16.72	15.65	15.25	14.13	21.84	25.53	27.10	25.90	28.61	29.71	22.78	17.37	9.55	4.55	-12.53	19.81	21.78	29.43	37.34	39.08	39.16	35.12

24054	-0.11 0.00	-0.06 0.00	-0.06 0.00	-0.04 0.00	-0.06 0.00	-0.04 0.00	0.01 0.00	0.06 0.00	0.10 0.00	0.03 0.00	0.00 0.00	-0.11 0.00	-0.17 0.00	-0.10 0.00	-0.07 0.00	0.18 0.00	-0.39 0.00	-0.42 0.00	-0.41 0.00	-0.25 0.00	-0.32 0.00	-0.48 0.00	-0.45 0.00
FREEPORT_EQUS_GT1 23764	28.54 1.76 -2.22	24.81 1.11 -6.92	16.68 0.97 0.00	16.20 0.90 0.00	15.03 0.84 0.00	23.05 1.17 0.00	26.81 1.29 0.00	28.46 1.42 0.00	27.17 1.37 0.00	30.21 1.64 0.00	31.72 2.01 0.00	24.64 1.76 0.00	19.00 1.46 0.00	10.49 0.84 0.00	5.05 0.44 0.00	-13.94 -1.24 0.00	22.19 2.00 0.00	24.43 2.23 0.00	32.60 2.76 0.00	40.99 3.39 0.00	43.20 3.81 0.00	43.37 3.74 0.00	39.21 3.62 0.00
FREEPORT___CT2 23818	28.54 1.76 -2.22	24.81 1.11 -6.92	16.68 0.97 0.00	16.20 0.90 0.00	15.03 0.84 0.00	23.05 1.17 0.00	26.81 1.29 0.00	28.46 1.42 0.00	27.17 1.37 0.00	30.21 1.64 0.00	31.72 2.01 0.00	24.64 1.76 0.00	19.00 1.46 0.00	10.49 0.84 0.00	5.05 0.44 0.00	-13.94 -1.24 0.00	22.19 2.00 0.00	24.43 2.23 0.00	32.60 2.76 0.00	40.99 3.39 0.00	43.20 3.81 0.00	43.37 3.74 0.00	39.21 3.62 0.00
FRESHKLS_33_KV_LOAD 356253	28.30 1.53 -2.22	24.67 0.97 -6.91	16.55 0.85 0.00	16.10 0.81 0.00	14.93 0.74 0.00	22.98 1.11 0.00	26.75 1.23 0.00	28.40 1.36 0.00	27.06 1.25 0.00	29.93 1.35 0.00	31.28 1.57 0.00	24.35 1.46 0.00	18.80 1.26 0.00	10.41 0.76 0.00	5.03 0.42 0.00	-13.88 -1.17 0.00	22.14 1.94 0.00	24.30 2.10 0.00	32.45 2.61 0.00	40.68 3.09 0.00	42.84 3.45 0.00	43.06 3.42 0.00	38.64 3.06 0.00
FULTON COGEN____ 23766	24.14 -0.60 -0.19	16.95 -0.42 -0.59	15.32 -0.39 0.00	14.91 -0.38 0.00	13.83 -0.35 0.00	21.34 -0.54 0.00	24.90 -0.62 0.00	26.41 -0.64 0.00	25.17 -0.63 0.00	27.89 -0.69 0.00	28.96 -0.74 0.00	22.31 -0.57 0.00	17.09 -0.45 0.00	9.38 -0.26 0.00	4.48 -0.13 0.00	-12.34 0.36 0.00	19.58 -0.62 0.00	21.51 -0.69 0.00	28.91 -0.93 0.00	36.50 -1.09 0.00	38.33 -1.06 0.00	38.57 -1.07 0.00	34.58 -1.00 0.00
FULTON___LFGE 323630	28.30 0.97 -2.78	26.10 0.66 -8.65	16.33 0.62 0.00	15.90 0.60 0.00	14.77 0.58 0.00	22.81 0.94 0.00	26.66 1.14 0.00	28.16 1.12 0.00	26.82 1.01 0.00	29.53 0.95 0.00	30.30 0.59 0.00	23.26 0.37 0.00	17.72 0.18 0.00	9.71 0.07 0.00	4.66 0.04 0.00	-12.69 0.01 0.00	20.19 -0.01 0.00	22.26 0.05 0.00	30.25 0.41 0.00	38.95 1.35 0.00	41.33 1.94 0.00	41.62 1.98 0.00	37.26 1.68 0.00
G.F.CEMENT___DRP 24184	28.95 1.80 -2.60	26.06 1.17 -8.10	16.80 1.09 0.00	16.38 1.08 0.00	15.22 1.03 0.00	23.35 1.47 0.00	27.15 1.63 0.00	28.71 1.67 0.00	27.33 1.52 0.00	30.31 1.73 0.00	31.27 1.56 0.00	23.96 1.08 0.00	18.23 0.69 0.00	10.02 0.37 0.00	4.83 0.21 0.00	-13.09 -0.39 0.00	21.12 0.93 0.00	23.58 1.38 0.00	31.92 2.08 0.00	40.33 2.74 0.00	42.47 3.08 0.00	42.88 3.25 0.00	38.39 2.81 0.00
GARDENVILLE___LBMP 24039	23.53 -1.39 -0.37	16.99 -0.96 -1.16	14.97 -0.73 0.00	14.51 -0.79 0.00	13.48 -0.70 0.00	20.84 -1.04 0.00	24.54 -0.99 0.00	26.19 -0.85 0.00	24.84 -0.96 0.00	27.46 -1.11 0.00	28.53 -1.18 0.00	21.85 -1.04 0.00	16.77 -0.78 0.00	9.21 -0.43 0.00	4.39 -0.22 0.00	-12.65 0.06 0.00	19.54 -0.66 0.00	21.25 -0.95 0.00	28.48 -1.36 0.00	35.66 -1.94 0.00	37.12 -2.27 0.00	37.38 -2.25 0.00	33.26 -2.32 0.00
GARDNVLA_35_KV_LD 355827	23.61 -1.31 -0.37	17.04 -0.91 -1.16	15.01 -0.70 0.00	14.54 -0.76 0.00	13.51 -0.67 0.00	20.89 -0.99 0.00	24.60 -0.93 0.00	26.25 -0.79 0.00	24.91 -0.89 0.00	27.55 -1.03 0.00	28.61 -1.09 0.00	21.92 -0.97 0.00	16.83 -0.71 0.00	9.24 -0.40 0.00	4.41 -0.21 0.00	-12.70 0.01 0.00	19.61 -0.58 0.00	21.34 -0.87 0.00	28.59 -1.25 0.00	35.80 -1.80 0.00	37.24 -2.15 0.00	37.51 -2.12 0.00	33.37 -2.22 0.00
GELCKHM__115KV_LOAD 80723	24.52 -0.25 -0.21	17.28 -0.17 -0.66	15.55 -0.15 0.00	15.14 -0.16 0.00	14.05 -0.13 0.00	21.68 -0.20 0.00	25.29 -0.24 0.00	26.83 -0.22 0.00	25.57 -0.23 0.00	28.31 -0.27 0.00	29.41 -0.30 0.00	22.65 -0.24 0.00	17.35 -0.19 0.00	9.52 -0.12 0.00	4.54 -0.07 0.00	-12.53 0.18 0.00	19.89 -0.31 0.00	21.86 -0.35 0.00	29.39 -0.45 0.00	37.11 -0.48 0.00	38.97 -0.42 0.00	39.19 -0.44 0.00	35.11 -0.46 0.00
GENERAL___MILLS 23808	23.58 -1.35 -0.37	17.01 -0.93 -1.16	14.99 -0.71 0.00	14.52 -0.77 0.00	13.50 -0.69 0.00	20.86 -1.02 0.00	24.56 -0.96 0.00	26.22 -0.83 0.00	24.87 -0.93 0.00	27.50 -1.08 0.00	28.56 -1.15 0.00	21.88 -1.01 0.00	16.80 -0.75 0.00	9.23 -0.42 0.00	4.40 -0.21 0.00	-12.67 0.03 0.00	19.57 -0.62 0.00	21.29 -0.91 0.00	28.53 -1.31 0.00	35.71 -1.89 0.00	37.16 -2.23 0.00	37.43 -2.20 0.00	33.30 -2.29 0.00
GE_PLASTICS___DRP 24183	27.85 0.79 -2.51	25.14 0.52 -7.84	16.19 0.48 0.00	15.76 0.47 0.00	14.62 0.43 0.00	22.52 0.64 0.00	26.20 0.67 0.00	27.68 0.64 0.00	26.27 0.46 0.00	29.11 0.52 0.00	30.31 0.60 0.00	23.39 0.51 0.00	17.93 0.39 0.00	9.88 0.24 0.00	4.74 0.13 0.00	-12.99 -0.28 0.00	20.71 0.51 0.00	22.80 0.60 0.00	30.56 0.72 0.00	38.46 0.87 0.00	40.48 1.09 0.00	40.81 1.17 0.00	36.75 1.17 0.00
GILBOA___1 23756	27.35 0.74 -2.05	23.72 0.54 -6.40	16.19 0.49 0.00	15.77 0.47 0.00	14.62 0.44 0.00	22.53 0.65 0.00	26.23 0.71 0.00	27.68 0.64 0.00	26.34 0.53 0.00	29.18 0.60 0.00	30.39 0.68 0.00	23.49 0.60 0.00	18.04 0.50 0.00	9.95 0.30 0.00	4.78 0.16 0.00	-13.11 -0.41 0.00	20.91 0.72 0.00	23.00 0.80 0.00	30.86 1.02 0.00	38.78 1.18 0.00	40.74 1.35 0.00	41.10 1.46 0.00	36.93 1.35 0.00
GILBOA___2 23757	27.35 0.74 -2.05	23.72 0.54 -6.40	16.19 0.49 0.00	15.77 0.47 0.00	14.62 0.44 0.00	22.53 0.65 0.00	26.23 0.71 0.00	27.68 0.64 0.00	26.34 0.53 0.00	29.18 0.60 0.00	30.39 0.68 0.00	23.49 0.60 0.00	18.04 0.50 0.00	9.95 0.30 0.00	4.78 0.16 0.00	-13.11 -0.41 0.00	20.91 0.72 0.00	23.00 0.80 0.00	30.86 1.02 0.00	38.78 1.18 0.00	40.74 1.35 0.00	41.10 1.46 0.00	36.93 1.35 0.00
GILBOA___3 23758	27.35 0.74 -2.05	23.72 0.54 -6.40	16.19 0.49 0.00	15.77 0.47 0.00	14.62 0.44 0.00	22.53 0.65 0.00	26.23 0.71 0.00	27.68 0.64 0.00	26.34 0.53 0.00	29.18 0.60 0.00	30.39 0.68 0.00	23.49 0.60 0.00	18.04 0.50 0.00	9.95 0.30 0.00	4.78 0.16 0.00	-13.11 -0.41 0.00	20.91 0.72 0.00	23.00 0.80 0.00	30.86 1.02 0.00	38.78 1.18 0.00	40.74 1.35 0.00	41.10 1.46 0.00	36.93 1.35 0.00
GILBOA___4	27.35	23.72	16.19	15.77	14.62	22.53	26.23	27.68	26.34	29.18	30.39	23.49	18.04	9.95	4.78	-13.11	20.91	23.00	30.86	38.78	40.74	41.10	36.93

23759	0.74 -2.05	0.54 -6.40	0.49 0.00	0.47 0.00	0.44 0.00	0.65 0.00	0.71 0.00	0.64 0.00	0.53 0.00	0.60 0.00	0.68 0.00	0.60 0.00	0.50 0.00	0.30 0.00	0.16 0.00	-0.41 0.00	0.72 0.00	0.80 0.00	1.02 0.00	1.18 0.00	1.35 0.00	1.46 0.00	1.35 0.00
GILBOA____ 23599	27.35 0.74 -2.05	23.72 0.54 -6.40	16.19 0.49 0.00	15.77 0.47 0.00	14.62 0.44 0.00	22.53 0.65 0.00	26.23 0.71 0.00	27.69 0.64 0.00	26.34 0.53 0.00	29.18 0.60 0.00	30.39 0.68 0.00	23.49 0.60 0.00	18.04 0.50 0.00	9.95 0.30 0.00	4.78 0.16 0.00	-13.11 -0.41 0.00	20.91 0.72 0.00	23.00 0.80 0.00	30.86 1.02 0.00	38.78 1.18 0.00	40.74 1.35 0.00	41.10 1.46 0.00	36.93 1.35 0.00
GINNA____ 23603	23.25 -1.56 -0.26	16.52 -1.08 -0.82	14.74 -0.96 0.00	14.30 -0.99 0.00	13.28 -0.90 0.00	20.51 -1.37 0.00	24.02 -1.50 0.00	25.55 -1.49 0.00	24.34 -1.46 0.00	26.95 -1.63 0.00	28.01 -1.70 0.00	21.51 -1.38 0.00	16.44 -1.10 0.00	8.96 -0.68 0.00	4.28 -0.33 0.00	-12.03 0.67 0.00	18.94 -1.26 0.00	20.81 -1.40 0.00	28.05 -1.79 0.00	35.41 -2.18 0.00	37.00 -2.39 0.00	37.21 -2.43 0.00	33.23 -2.35 0.00
GLEN PARK____ 23778	24.57 -0.12 -0.13	17.07 -0.12 -0.41	15.62 -0.08 0.00	15.27 -0.03 0.00	14.22 0.04 0.00	21.92 0.04 0.00	25.49 -0.03 0.00	27.10 0.06 0.00	25.76 -0.05 0.00	28.48 -0.10 0.00	29.21 -0.50 0.00	22.52 -0.37 0.00	17.09 -0.45 0.00	9.26 -0.39 0.00	4.38 -0.23 0.00	-12.10 0.61 0.00	19.27 -0.93 0.00	21.37 -0.84 0.00	28.72 -1.12 0.00	36.88 -0.71 0.00	38.68 -0.72 0.00	38.64 -0.99 0.00	34.49 -1.09 0.00
GLENDALE_27_KV_LOAD 356172	28.33 1.56 -2.22	24.69 0.99 -6.91	16.57 0.87 0.00	16.12 0.83 0.00	14.94 0.76 0.00	23.01 1.13 0.00	26.78 1.26 0.00	28.42 1.38 0.00	27.09 1.28 0.00	29.96 1.38 0.00	31.30 1.59 0.00	24.42 1.53 0.00	18.86 1.32 0.00	10.43 0.78 0.00	5.04 0.43 0.00	-13.89 -1.19 0.00	22.17 1.98 0.00	24.31 2.11 0.00	32.42 2.58 0.00	40.58 2.98 0.00	42.70 3.31 0.00	42.99 3.35 0.00	38.60 3.02 0.00
GLENWOOD_IC_1_G5 23712	28.38 1.61 -2.22	24.71 1.02 -6.92	16.60 0.90 0.00	16.14 0.84 0.00	14.96 0.78 0.00	22.99 1.12 0.00	26.76 1.23 0.00	28.40 1.36 0.00	27.08 1.28 0.00	30.06 1.48 0.00	31.49 1.79 0.00	24.48 1.59 0.00	18.89 1.35 0.00	10.43 0.79 0.00	5.03 0.42 0.00	-13.87 -1.16 0.00	22.11 1.92 0.00	24.32 2.12 0.00	32.46 2.63 0.00	40.74 3.15 0.00	42.90 3.51 0.00	43.12 3.49 0.00	38.85 3.26 0.00
GLENWOOD_IC_2_G1 23688	28.28 1.51 -2.22	24.65 0.95 -6.92	16.54 0.83 0.00	16.09 0.79 0.00	14.92 0.73 0.00	22.94 1.06 0.00	26.68 1.16 0.00	28.32 1.28 0.00	26.98 1.18 0.00	29.93 1.35 0.00	31.35 1.64 0.00	24.37 1.48 0.00	18.80 1.26 0.00	10.38 0.74 0.00	5.01 0.40 0.00	-13.81 -1.10 0.00	22.02 1.82 0.00	24.20 2.00 0.00	32.32 2.48 0.00	40.53 2.94 0.00	42.68 3.29 0.00	42.91 3.28 0.00	38.60 3.02 0.00
GLENWOOD_IC_3_G1 23689	28.28 1.51 -2.22	24.65 0.95 -6.92	16.54 0.83 0.00	16.09 0.79 0.00	14.92 0.73 0.00	22.94 1.06 0.00	26.68 1.16 0.00	28.32 1.28 0.00	26.98 1.18 0.00	29.93 1.35 0.00	31.35 1.64 0.00	24.37 1.48 0.00	18.80 1.26 0.00	10.38 0.74 0.00	5.01 0.40 0.00	-13.81 -1.10 0.00	22.02 1.82 0.00	24.20 2.00 0.00	32.32 2.48 0.00	40.53 2.94 0.00	42.68 3.29 0.00	42.91 3.28 0.00	38.60 3.02 0.00
GLENWOOD____4 23550	28.38 1.61 -2.22	24.71 1.02 -6.92	16.60 0.90 0.00	16.14 0.84 0.00	14.96 0.78 0.00	22.99 1.12 0.00	26.76 1.23 0.00	28.40 1.36 0.00	27.08 1.28 0.00	30.06 1.48 0.00	31.49 1.79 0.00	24.48 1.59 0.00	18.89 1.35 0.00	10.43 0.79 0.00	5.03 0.42 0.00	-13.87 -1.16 0.00	22.11 1.92 0.00	24.32 2.12 0.00	32.46 2.63 0.00	40.74 3.15 0.00	42.90 3.51 0.00	43.12 3.49 0.00	38.85 3.26 0.00
GLENWOOD____5 23614	28.38 1.61 -2.22	24.71 1.02 -6.92	16.60 0.90 0.00	16.14 0.84 0.00	14.96 0.78 0.00	22.99 1.12 0.00	26.76 1.23 0.00	28.40 1.36 0.00	27.08 1.28 0.00	30.06 1.48 0.00	31.49 1.79 0.00	24.48 1.59 0.00	18.89 1.35 0.00	10.43 0.79 0.00	5.03 0.42 0.00	-13.87 -1.16 0.00	22.11 1.92 0.00	24.32 2.12 0.00	32.46 2.63 0.00	40.74 3.15 0.00	42.90 3.51 0.00	43.12 3.49 0.00	38.85 3.26 0.00
GLOBAL GREEN_PORT_GT1 23814	29.07 2.30 -2.22	25.22 1.52 -6.92	17.13 1.42 0.00	16.65 1.36 0.00	15.30 1.12 0.00	23.09 1.22 0.00	26.74 1.21 0.00	28.41 1.36 0.00	27.35 1.54 0.00	30.60 2.02 0.00	31.97 2.27 0.00	24.90 2.01 0.00	19.10 1.56 0.00	10.54 0.90 0.00	5.09 0.48 0.00	-14.10 -1.39 0.00	22.47 2.27 0.00	25.02 2.81 0.00	33.57 3.73 0.00	42.35 4.76 0.00	44.38 4.99 0.00	44.06 4.42 0.00	40.20 4.61 0.00
GLOBE____DSASP 323697	22.92 -1.98 -0.34	16.53 -1.33 -1.08	14.64 -1.06 0.00	14.14 -1.16 0.00	13.15 -1.03 0.00	20.30 -1.58 0.00	23.94 -1.58 0.00	25.53 -1.51 0.00	24.28 -1.53 0.00	26.81 -1.76 0.00	27.84 -1.87 0.00	21.38 -1.51 0.00	16.42 -1.12 0.00	9.02 -0.62 0.00	4.30 -0.31 0.00	-12.54 0.16 0.00	19.21 -0.99 0.00	20.85 -1.36 0.00	27.85 -1.99 0.00	34.64 -2.96 0.00	35.75 -3.64 0.00	35.82 -3.82 0.00	32.01 -3.57 0.00
GOETHSLN____LBMP 323567	28.10 1.32 -2.22	24.53 0.83 -6.91	16.43 0.72 0.00	15.98 0.69 0.00	14.81 0.63 0.00	22.81 0.93 0.00	26.55 1.03 0.00	28.18 1.14 0.00	26.83 1.02 0.00	29.70 1.12 0.00	31.04 1.33 0.00	24.18 1.29 0.00	18.68 1.14 0.00	10.33 0.68 0.00	4.99 0.38 0.00	-13.77 -1.07 0.00	21.97 1.77 0.00	24.08 1.88 0.00	32.14 2.30 0.00	40.23 2.63 0.00	42.34 2.95 0.00	42.61 2.98 0.00	38.24 2.67 0.00
GOLAH____69_KV_TB 1_2 80279	24.26 -0.57 -0.27	17.25 -0.39 -0.86	15.41 -0.29 0.00	14.94 -0.36 0.00	13.88 -0.31 0.00	21.43 -0.45 0.00	25.15 -0.37 0.00	26.77 -0.27 0.00	25.48 -0.33 0.00	28.16 -0.42 0.00	29.25 -0.46 0.00	22.43 -0.46 0.00	17.13 -0.41 0.00	9.37 -0.27 0.00	4.46 -0.15 0.00	-12.64 0.06 0.00	19.74 -0.45 0.00	21.63 -0.57 0.00	29.12 -0.72 0.00	36.77 -0.82 0.00	38.53 -0.86 0.00	38.79 -0.85 0.00	34.62 -0.96 0.00
GOODYEAR_LAKE_HYD 323669	25.99 0.66 -0.77	19.63 0.44 -2.41	16.12 0.42 0.00	15.71 0.41 0.00	14.59 0.41 0.00	22.53 0.65 0.00	26.31 0.78 0.00	27.87 0.83 0.00	26.58 0.78 0.00	29.43 0.85 0.00	30.60 0.90 0.00	23.60 0.71 0.00	18.10 0.56 0.00	9.95 0.30 0.00	4.75 0.14 0.00	-13.08 -0.37 0.00	20.80 0.60 0.00	22.85 0.65 0.00	30.85 1.01 0.00	39.07 1.48 0.00	41.02 1.63 0.00	41.27 1.64 0.00	36.94 1.35 0.00
GOUDEY_115_KV_TB6_REV_LBMP_C	25.42	19.21	15.77	15.36	14.26	22.01	25.68	27.25	25.90	28.67	29.83	22.96	17.62	9.69	4.62	-12.78	20.33	22.34	30.07	37.97	39.87	40.15	35.90

345031		0.11 -0.76	0.06 -2.37	0.06 0.00	0.07 0.00	0.07 0.00	0.12 0.00	0.16 0.00	0.21 0.00	0.09 0.00	0.09 0.00	0.12 0.00	0.07 0.00	0.08 0.00	0.04 0.00	0.01 0.00	-0.08 0.00	0.14 0.00	0.14 0.00	0.24 0.00	0.38 0.00	0.48 0.00	0.51 0.00	0.32 0.00
GOUDEY___7 23579		25.42 0.11 -0.76	19.21 0.06 -2.37	15.77 0.06 0.00	15.36 0.07 0.00	14.26 0.07 0.00	22.01 0.12 0.00	25.68 0.16 0.00	27.25 0.21 0.00	25.90 0.09 0.00	28.67 0.09 0.00	29.83 0.12 0.00	22.96 0.07 0.00	17.62 0.08 0.00	9.69 0.04 0.00	4.62 0.01 0.00	-12.78 -0.08 0.00	20.33 0.14 0.00	22.34 0.14 0.00	30.07 0.24 0.00	37.97 0.38 0.00	39.87 0.48 0.00	40.15 0.51 0.00	35.90 0.32 0.00
GOUDEY___8 23580		25.42 0.11 -0.76	19.21 0.06 -2.37	15.77 0.06 0.00	15.36 0.07 0.00	14.26 0.07 0.00	22.01 0.12 0.00	25.68 0.16 0.00	27.25 0.21 0.00	25.90 0.09 0.00	28.67 0.09 0.00	29.83 0.12 0.00	22.96 0.07 0.00	17.62 0.08 0.00	9.69 0.04 0.00	4.62 0.01 0.00	-12.78 -0.08 0.00	20.33 0.14 0.00	22.34 0.14 0.00	30.07 0.24 0.00	37.97 0.38 0.00	39.87 0.48 0.00	40.15 0.51 0.00	35.90 0.32 0.00
GOWANUS_GT1_1 24077		28.28 1.51 -2.22	24.65 0.95 -6.91	16.53 0.83 0.00	16.08 0.79 0.00	14.91 0.73 0.00	22.95 1.07 0.00	26.72 1.20 0.00	28.36 1.32 0.00	27.03 1.23 0.00	29.90 1.32 0.00	31.25 1.54 0.00	24.36 1.47 0.00	18.81 1.28 0.00	10.41 0.76 0.00	5.03 0.42 0.00	-13.88 -1.17 0.00	22.14 1.95 0.00	24.28 2.08 0.00	32.39 2.55 0.00	40.58 2.99 0.00	42.73 3.34 0.00	42.99 3.35 0.00	38.60 3.02 0.00
GOWANUS_GT1_2 24078		28.28 1.51 -2.22	24.65 0.95 -6.91	16.53 0.83 0.00	16.08 0.79 0.00	14.91 0.73 0.00	22.95 1.07 0.00	26.72 1.20 0.00	28.36 1.32 0.00	27.03 1.23 0.00	29.90 1.32 0.00	31.25 1.54 0.00	24.36 1.47 0.00	18.81 1.28 0.00	10.41 0.76 0.00	5.03 0.42 0.00	-13.88 -1.17 0.00	22.14 1.95 0.00	24.28 2.08 0.00	32.39 2.55 0.00	40.58 2.99 0.00	42.73 3.34 0.00	42.99 3.35 0.00	38.60 3.02 0.00
GOWANUS_GT1_3 24079		28.28 1.51 -2.22	24.65 0.95 -6.91	16.53 0.83 0.00	16.08 0.79 0.00	14.91 0.73 0.00	22.95 1.07 0.00	26.72 1.20 0.00	28.36 1.32 0.00	27.03 1.23 0.00	29.90 1.32 0.00	31.25 1.54 0.00	24.36 1.47 0.00	18.81 1.28 0.00	10.41 0.76 0.00	5.03 0.42 0.00	-13.88 -1.17 0.00	22.14 1.95 0.00	24.28 2.08 0.00	32.39 2.55 0.00	40.58 2.99 0.00	42.73 3.34 0.00	42.99 3.35 0.00	38.60 3.02 0.00
GOWANUS_GT1_4 24080		28.28 1.51 -2.22	24.65 0.95 -6.91	16.53 0.83 0.00	16.08 0.79 0.00	14.91 0.73 0.00	22.95 1.07 0.00	26.72 1.20 0.00	28.36 1.32 0.00	27.03 1.23 0.00	29.90 1.32 0.00	31.25 1.54 0.00	24.36 1.47 0.00	18.81 1.28 0.00	10.41 0.76 0.00	5.03 0.42 0.00	-13.88 -1.17 0.00	22.14 1.95 0.00	24.28 2.08 0.00	32.39 2.55 0.00	40.58 2.99 0.00	42.73 3.34 0.00	42.99 3.35 0.00	38.60 3.02 0.00
GOWANUS_GT1_5 24084		28.28 1.51 -2.22	24.65 0.95 -6.91	16.53 0.83 0.00	16.08 0.79 0.00	14.91 0.73 0.00	22.95 1.07 0.00	26.72 1.20 0.00	28.36 1.32 0.00	27.03 1.23 0.00	29.90 1.32 0.00	31.25 1.54 0.00	24.36 1.47 0.00	18.81 1.28 0.00	10.41 0.76 0.00	5.03 0.42 0.00	-13.88 -1.17 0.00	22.14 1.95 0.00	24.28 2.08 0.00	32.39 2.55 0.00	40.58 2.99 0.00	42.73 3.34 0.00	42.99 3.35 0.00	38.60 3.02

24118	1.51 -2.22	0.95 -6.91	0.83 0.00	0.79 0.00	0.73 0.00	1.07 0.00	1.20 0.00	1.32 0.00	1.22 0.00	1.32 0.00	1.54 0.00	1.47 0.00	1.27 0.00	0.76 0.00	0.42 0.00	-1.17 0.00	1.95 0.00	2.08 0.00	2.55 0.00	2.99 0.00	3.34 0.00	3.35 0.00	2.99 0.00
GOWANUS_GT2_6 24119	28.28 1.51 -2.22	24.64 0.95 -6.91	16.53 0.83 0.00	16.08 0.79 0.00	14.91 0.73 0.00	22.95 1.07 0.00	26.72 1.20 0.00	28.36 1.32 0.00	27.03 1.22 0.00	29.90 1.32 0.00	31.25 1.54 0.00	24.36 1.47 0.00	18.81 1.27 0.00	10.41 0.76 0.00	5.03 0.42 0.00	-13.88 -1.17 0.00	22.14 1.95 0.00	24.28 2.08 0.00	32.39 2.55 0.00	40.58 2.99 0.00	42.73 3.34 0.00	42.99 3.35 0.00	38.57 2.99 0.00
GOWANUS_GT2_7 24120	28.28 1.51 -2.22	24.64 0.95 -6.91	16.53 0.83 0.00	16.08 0.79 0.00	14.91 0.73 0.00	22.95 1.07 0.00	26.72 1.20 0.00	28.36 1.32 0.00	27.03 1.22 0.00	29.90 1.32 0.00	31.25 1.54 0.00	24.36 1.47 0.00	18.81 1.27 0.00	10.41 0.76 0.00	5.03 0.42 0.00	-13.88 -1.17 0.00	22.14 1.95 0.00	24.28 2.08 0.00	32.39 2.55 0.00	40.58 2.99 0.00	42.73 3.34 0.00	42.99 3.35 0.00	38.57 2.99 0.00
GOWANUS_GT2_8 24121	28.28 1.51 -2.22	24.64 0.95 -6.91	16.53 0.83 0.00	16.08 0.79 0.00	14.91 0.73 0.00	22.95 1.07 0.00	26.72 1.20 0.00	28.36 1.32 0.00	27.03 1.22 0.00	29.90 1.32 0.00	31.25 1.54 0.00	24.36 1.47 0.00	18.81 1.27 0.00	10.41 0.76 0.00	5.03 0.42 0.00	-13.88 -1.17 0.00	22.14 1.95 0.00	24.28 2.08 0.00	32.39 2.55 0.00	40.58 2.99 0.00	42.73 3.34 0.00	42.99 3.35 0.00	38.57 2.99 0.00
GOWANUS_GT3_1 24122	28.28 1.51 -2.22	24.64 0.95 -6.91	16.53 0.83 0.00	16.08 0.79 0.00	14.91 0.73 0.00	22.95 1.07 0.00	26.72 1.20 0.00	28.36 1.32 0.00	27.03 1.22 0.00	29.90 1.32 0.00	31.25 1.54 0.00	24.36 1.47 0.00	18.81 1.27 0.00	10.41 0.76 0.00	5.03 0.42 0.00	-13.88 -1.17 0.00	22.14 1.95 0.00	24.28 2.08 0.00	32.39 2.55 0.00	40.58 2.99 0.00	42.73 3.34 0.00	42.99 3.35 0.00	38.57 2.99 0.00
GOWANUS_GT3_2 24123	28.28 1.51 -2.22	24.64 0.95 -6.91	16.53 0.83 0.00	16.08 0.79 0.00	14.91 0.73 0.00	22.95 1.07 0.00	26.72 1.20 0.00	28.36 1.32 0.00	27.03 1.22 0.00	29.90 1.32 0.00	31.25 1.54 0.00	24.36 1.47 0.00	18.81 1.27 0.00	10.41 0.76 0.00	5.03 0.42 0.00	-13.88 -1.17 0.00	22.14 1.95 0.00	24.28 2.08 0.00	32.39 2.55 0.00	40.58 2.99 0.00	42.73 3.34 0.00	42.99 3.35 0.00	38.57 2.99 0.00
GOWANUS_GT3_3 24124	28.28 1.51 -2.22	24.64 0.95 -6.91	16.53 0.83 0.00	16.08 0.79 0.00	14.91 0.73 0.00	22.95 1.07 0.00	26.72 1.20 0.00	28.36 1.32 0.00	27.03 1.22 0.00	29.90 1.32 0.00	31.25 1.54 0.00	24.36 1.47 0.00	18.81 1.27 0.00	10.41 0.76 0.00	5.03 0.42 0.00	-13.88 -1.17 0.00	22.14 1.95 0.00	24.28 2.08 0.00	32.39 2.55 0.00	40.58 2.99 0.00	42.73 3.34 0.00	42.99 3.35 0.00	38.57 2.99 0.00
GOWANUS_GT3_4 24125	28.28 1.51 -2.22	24.64 0.95 -6.91	16.53 0.83 0.00	16.08 0.79 0.00	14.91 0.73 0.00	22.95 1.07 0.00	26.72 1.20 0.00	28.36 1.32 0.00	27.03 1.22 0.00	29.90 1.32 0.00	31.25 1.54 0.00	24.36 1.47 0.00	18.81 1.27 0.00	10.41 0.76 0.00	5.03 0.42 0.00	-13.88 -1.17 0.00	22.14 1.95 0.00	24.28 2.08 0.00	32.39 2.55 0.00	40.58 2.99 0.00	42.73 3.34 0.00	42.99 3.35 0.00	38.57 2.99 0.00
GOWANUS_GT3_5 24126	28.28 1.51 -2.22	24.64 0.95 -6.91	16.53 0.83 0.00	16.08 0.79 0.00	14.91 0.73 0.00	22.95 1.07 0.00	26.72 1.20 0.00	28.36 1.32 0.00	27.03 1.22 0.00	29.90 1.32 0.00	31.25 1.54 0.00	24.36 1.47 0.00	18.81 1.27 0.00	10.41 0.76 0.00	5.03 0.42 0.00	-13.88 -1.17 0.00	22.14 1.95 0.00	24.28 2.08 0.00	32.39 2.55 0.00	40.58 2.99 0.00	42.73 3.34 0.00	42.99 3.35 0.00	38.57 2.99 0.00
GOWANUS_GT3_6 24127	28.28 1.51 -2.22	24.64 0.95 -6.91	16.53 0.83 0.00	16.08 0.79 0.00	14.91 0.73 0.00	22.95 1.07 0.00	26.72 1.20 0.00	28.36 1.32 0.00	27.03 1.22 0.00	29.90 1.32 0.00	31.25 1.54 0.00	24.36 1.47 0.00	18.81 1.27 0.00	10.41 0.76 0.00	5.03 0.42 0.00	-13.88 -1.17 0.00	22.14 1.95 0.00	24.28 2.08 0.00	32.39 2.55 0.00	40.58 2.99 0.00	42.73 3.34 0.00	42.99 3.35 0.00	38.57 2.99 0.00
GOWANUS_GT3_7 24128	28.28 1.51 -2.22	24.64 0.95 -6.91	16.53 0.83 0.00	16.08 0.79 0.00	14.91 0.73 0.00	22.95 1.07 0.00	26.72 1.20 0.00	28.36 1.32 0.00	27.03 1.22 0.00	29.90 1.32 0.00	31.25 1.54 0.00	24.36 1.47 0.00	18.81 1.27 0.00	10.41 0.76 0.00	5.03 0.42 0.00	-13.88 -1.17 0.00	22.14 1.95 0.00	24.28 2.08 0.00	32.39 2.55 0.00	40.58 2.99 0.00	42.73 3.34 0.00	42.99 3.35 0.00	38.57 2.99 0.00
GOWANUS_GT3_8 24129	28.28 1.51 -2.22	24.64 0.95 -6.91	16.53 0.83 0.00	16.08 0.79 0.00	14.91 0.73 0.00	22.95 1.07 0.00	26.72 1.20 0.00	28.36 1.32 0.00	27.03 1.22 0.00	29.90 1.32 0.00	31.25 1.54 0.00	24.36 1.47 0.00	18.81 1.27 0.00	10.41 0.76 0.00	5.03 0.42 0.00	-13.88 -1.17 0.00	22.14 1.95 0.00	24.28 2.08 0.00	32.39 2.55 0.00	40.58 2.99 0.00	42.73 3.34 0.00	42.99 3.35 0.00	38.57 2.99 0.00
GOWANUS_GT4_1 24130	28.28 1.51 -2.22	24.65 0.95 -6.91	16.53 0.83 0.00	16.08 0.79 0.00	14.91 0.73 0.00	22.95 1.07 0.00	26.72 1.20 0.00	28.36 1.32 0.00	27.03 1.23 0.00	29.90 1.32 0.00	31.25 1.54 0.00	24.36 1.47 0.00	18.81 1.28 0.00	10.41 0.76 0.00	5.03 0.42 0.00	-13.88 -1.17 0.00	22.14 1.95 0.00	24.28 2.08 0.00	32.39 2.55 0.00	40.58 2.99 0.00	42.73 3.34 0.00	42.99 3.35 0.00	38.60 3.02 0.00
GOWANUS_GT4_2 24131	28.28 1.51 -2.22	24.65 0.95 -6.91	16.53 0.83 0.00	16.08 0.79 0.00	14.91 0.73 0.00	22.95 1.07 0.00	26.72 1.20 0.00	28.36 1.32 0.00	27.03 1.23 0.00	29.90 1.32 0.00	31.25 1.54 0.00	24.36 1.47 0.00	18.81 1.28 0.00	10.41 0.76 0.00	5.03 0.42 0.00	-13.88 -1.17 0.00	22.14 1.95 0.00	24.28 2.08 0.00	32.39 2.55 0.00	40.58 2.99 0.00	42.73 3.34 0.00	42.99 3.35 0.00	38.60 3.02 0.00
GOWANUS_GT4_3 24132	28.28 1.51 -2.22	24.65 0.95 -6.91	16.53 0.83 0.00	16.08 0.79 0.00	14.91 0.73 0.00	22.95 1.07 0.00	26.72 1.20 0.00	28.36 1.32 0.00	27.03 1.23 0.00	29.90 1.32 0.00	31.25 1.54 0.00	24.36 1.47 0.00	18.81 1.28 0.00	10.41 0.76 0.00	5.03 0.42 0.00	-13.88 -1.17 0.00	22.14 1.95 0.00	24.28 2.08 0.00	32.39 2.55 0.00	40.58 2.99 0.00	42.73 3.34 0.00	42.99 3.35 0.00	38.60 3.02 0.00
GOWANUS_GT4_4	28.28	24.65	16.53	16.08	14.91	22.95	26.72	28.36	27.03	29.90	31.25	24.36	18.81	10.41	5.03	-13.88	22.14	24.28	32.39	40.58	42.73	42.99	38.60

24133	1.51 -2.22	0.95 -6.91	0.83 0.00	0.79 0.00	0.73 0.00	1.07 0.00	1.20 0.00	1.32 0.00	1.23 0.00	1.32 0.00	1.54 0.00	1.47 0.00	1.28 0.00	0.76 0.00	0.42 0.00	-1.17 0.00	1.95 0.00	2.08 0.00	2.55 0.00	2.99 0.00	3.34 0.00	3.35 0.00	3.02 0.00
GOWANUS_GT4_5 24134	28.28 1.51 -2.22	24.65 0.95 -6.91	16.53 0.83 0.00	16.08 0.79 0.00	14.91 0.73 0.00	22.95 1.07 0.00	26.72 1.20 0.00	28.36 1.32 0.00	27.03 1.23 0.00	29.90 1.32 0.00	31.25 1.54 0.00	24.36 1.47 0.00	18.81 1.28 0.00	10.41 0.76 0.00	5.03 0.42 0.00	-13.88 -1.17 0.00	22.14 1.95 0.00	24.28 2.08 0.00	32.39 2.55 0.00	40.58 2.99 0.00	42.73 3.34 0.00	42.99 3.35 0.00	38.60 3.02 0.00
GOWANUS_GT4_6 24135	28.28 1.51 -2.22	24.65 0.95 -6.91	16.53 0.83 0.00	16.08 0.79 0.00	14.91 0.73 0.00	22.95 1.07 0.00	26.72 1.20 0.00	28.36 1.32 0.00	27.03 1.23 0.00	29.90 1.32 0.00	31.25 1.54 0.00	24.36 1.47 0.00	18.81 1.28 0.00	10.41 0.76 0.00	5.03 0.42 0.00	-13.88 -1.17 0.00	22.14 1.95 0.00	24.28 2.08 0.00	32.39 2.55 0.00	40.58 2.99 0.00	42.73 3.34 0.00	42.99 3.35 0.00	38.60 3.02 0.00
GOWANUS_GT4_7 24136	28.28 1.51 -2.22	24.65 0.95 -6.91	16.53 0.83 0.00	16.08 0.79 0.00	14.91 0.73 0.00	22.95 1.07 0.00	26.72 1.20 0.00	28.36 1.32 0.00	27.03 1.23 0.00	29.90 1.32 0.00	31.25 1.54 0.00	24.36 1.47 0.00	18.81 1.28 0.00	10.41 0.76 0.00	5.03 0.42 0.00	-13.88 -1.17 0.00	22.14 1.95 0.00	24.28 2.08 0.00	32.39 2.55 0.00	40.58 2.99 0.00	42.73 3.34 0.00	42.99 3.35 0.00	38.60 3.02 0.00
GOWANUS_GT4_8 24137	28.28 1.51 -2.22	24.65 0.95 -6.91	16.53 0.83 0.00	16.08 0.79 0.00	14.91 0.73 0.00	22.95 1.07 0.00	26.72 1.20 0.00	28.36 1.32 0.00	27.03 1.23 0.00	29.90 1.32 0.00	31.25 1.54 0.00	24.36 1.47 0.00	18.81 1.28 0.00	10.41 0.76 0.00	5.03 0.42 0.00	-13.88 -1.17 0.00	22.14 1.95 0.00	24.28 2.08 0.00	32.39 2.55 0.00	40.58 2.99 0.00	42.73 3.34 0.00	42.99 3.35 0.00	38.60 3.02 0.00
GREENBSH_115KV_TB3 55895	27.89 0.81 -2.53	25.19 0.53 -7.87	16.19 0.49 0.00	15.77 0.48 0.00	14.63 0.44 0.00	22.53 0.65 0.00	26.18 0.66 0.00	27.66 0.62 0.00	26.20 0.40 0.00	29.02 0.44 0.00	30.23 0.53 0.00	23.33 0.43 0.00	17.87 0.33 0.00	9.85 0.21 0.00	4.73 0.12 0.00	-12.92 -0.21 0.00	20.63 0.43 0.00	22.73 0.52 0.00	30.43 0.59 0.00	38.28 0.68 0.00	40.32 0.93 0.00	40.65 1.01 0.00	36.68 1.10 0.00
GREENDGE_115KV_TB5 80291	24.78 -0.22 -0.44	18.00 -0.15 -1.37	15.61 -0.10 0.00	15.19 -0.10 0.00	14.12 -0.06 0.00	21.87 0.00 0.00	25.63 0.11 0.00	27.29 0.25 0.00	25.95 0.14 0.00	28.65 0.07 0.00	29.77 0.06 0.00	22.78 -0.11 0.00	17.43 -0.11 0.00	9.49 -0.15 0.00	4.51 -0.11 0.00	-12.57 0.14 0.00	19.85 -0.35 0.00	21.84 -0.36 0.00	29.62 -0.22 0.00	37.80 0.21 0.00	39.80 0.41 0.00	40.07 0.43 0.00	35.68 0.11 0.00
GREENIDGE___3 23582	24.78 -0.22 -0.44	18.00 -0.15 -1.37	15.61 -0.10 0.00	15.19 -0.10 0.00	14.12 -0.06 0.00	21.87 0.00 0.00	25.63 0.11 0.00	27.29 0.25 0.00	25.95 0.14 0.00	28.65 0.07 0.00	29.77 0.06 0.00	22.78 -0.11 0.00	17.43 -0.11 0.00	9.49 -0.15 0.00	4.51 -0.11 0.00	-12.57 0.14 0.00	19.85 -0.35 0.00	21.84 -0.36 0.00	29.62 -0.22 0.00	37.80 0.21 0.00	39.80 0.41 0.00	40.07 0.43 0.00	35.68 0.11 0.00
GREENIDGE___4 23583	24.78 -0.22 -0.44	18.00 -0.15 -1.37	15.61 -0.10 0.00	15.19 -0.10 0.00	14.12 -0.06 0.00	21.87 0.00 0.00	25.63 0.11 0.00	27.29 0.25 0.00	25.95 0.14 0.00	28.65 0.07 0.00	29.77 0.06 0.00	22.78 -0.11 0.00	17.43 -0.11 0.00	9.49 -0.15 0.00	4.51 -0.11 0.00	-12.57 0.14 0.00	19.85 -0.35 0.00	21.85 -0.36 0.00	29.62 -0.22 0.00	37.80 0.21 0.00	39.80 0.40 0.00	40.07 0.44 0.00	35.68 0.11 0.00
GREENLWN_69_KV_BK 3 55738	28.49 1.72 -2.22	24.81 1.11 -6.92	16.67 0.97 0.00	16.19 0.89 0.00	15.02 0.84 0.00	23.01 1.13 0.00	26.72 1.20 0.00	28.32 1.28 0.00	27.01 1.20 0.00	30.12 1.54 0.00	31.63 1.92 0.00	24.58 1.69 0.00	18.96 1.42 0.00	10.45 0.81 0.00	5.03 0.42 0.00	-13.92 -1.21 0.00	22.12 1.93 0.00	24.36 2.15 0.00	32.41 2.57 0.00	40.79 3.20 0.00	43.00 3.61 0.00	43.14 3.50 0.00	39.13 3.55 0.00
GREENWD_138_KV_38B11_REV_LBMP_J 345004	28.28 1.51 -2.22	24.65 0.95 -6.91	16.53 0.83 0.00	16.08 0.79 0.00	14.91 0.73 0.00	22.95 1.07 0.00	26.72 1.20 0.00	28.36 1.32 0.00	27.03 1.23 0.00	29.90 1.32 0.00	31.25 1.54 0.00	24.36 1.47 0.00	18.81 1.28 0.00	10.41 0.76 0.00	5.03 0.42 0.00	-13.88 -1.17 0.00	22.14 1.95 0.00	24.28 2.08 0.00	32.39 2.55 0.00	40.58 2.99 0.00	42.73 3.34 0.00	42.99 3.35 0.00	38.60 3.02 0.00
GRISSOM___SOLAR 323813	28.32 1.02 -2.75	26.04 0.69 -8.57	16.35 0.65 0.00	15.92 0.63 0.00	14.78 0.60 0.00	22.83 0.95 0.00	26.66 1.14 0.00	28.14 1.10 0.00	26.77 0.97 0.00	29.48 0.90 0.00	30.23 0.52 0.00	23.20 0.31 0.00	17.68 0.14 0.00	9.70 0.06 0.00	4.65 0.04 0.00	-12.69 0.01 0.00	20.20 0.00 0.00	22.28 0.08 0.00	30.25 0.41 0.00	38.96 1.37 0.00	41.36 1.97 0.00	41.66 2.03 0.00	37.33 1.74 0.00
GROVEVILLE___HYD 323602	28.25 1.46 -2.23	24.68 0.94 -6.95	16.54 0.84 0.00	16.11 0.81 0.00	14.93 0.74 0.00	22.99 1.11 0.00	26.77 1.25 0.00	28.38 1.34 0.00	27.02 1.21 0.00	29.94 1.36 0.00	31.28 1.57 0.00	24.26 1.37 0.00	18.69 1.15 0.00	10.32 0.67 0.00	4.97 0.36 0.00	-13.68 -0.98 0.00	21.88 1.68 0.00	24.06 1.85 0.00	32.26 2.42 0.00	40.49 2.89 0.00	42.60 3.21 0.00	42.87 3.24 0.00	38.46 2.88 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	24.68 -0.11 -0.24	17.45 -0.07 -0.74	15.64 -0.06 0.00	15.23 -0.07 0.00	14.13 -0.05 0.00	21.81 -0.07 0.00	25.44 -0.09 0.00	26.96 -0.08 0.00	25.69 -0.11 0.00	28.46 -0.11 0.00	29.58 -0.13 0.00	22.77 -0.12 0.00	17.44 -0.09 0.00	9.57 -0.07 0.00	4.56 -0.05 0.00	-12.58 0.12 0.00	19.99 -0.21 0.00	21.99 -0.21 0.00	29.59 -0.24 0.00	37.40 -0.20 0.00	39.25 -0.14 0.00	39.48 -0.15 0.00	35.36 -0.21 0.00
HAMLTNNY_34_KV_TB 80303	24.67 -0.14 -0.25	17.49 -0.08 -0.78	15.63 -0.07 0.00	15.22 -0.07 0.00	14.13 -0.06 0.00	21.81 -0.07 0.00	25.44 -0.08 0.00	26.97 -0.08 0.00	25.69 -0.12 0.00	28.46 -0.12 0.00	29.57 -0.13 0.00	22.74 -0.15 0.00	17.39 -0.15 0.00	9.54 -0.10 0.00	4.55 -0.06 0.00	-12.56 0.15 0.00	19.93 -0.26 0.00	21.94 -0.26 0.00	29.57 -0.27 0.00	37.43 -0.17 0.00	39.33 -0.06 0.00	39.57 -0.06 0.00	35.40 -0.18 0.00
HAMPSHIRE___PAPER_HYD	24.25	16.73	15.49	15.13	14.05	21.68	25.27	26.87	25.61	28.20	29.14	22.38	17.05	9.28	4.41	-12.17	19.29	21.28	28.80	36.72	38.37	38.36	34.34

323593	-0.37 -0.07	-0.27 -0.21	-0.22 0.00	-0.16 0.00	-0.14 0.00	-0.20 0.00	-0.26 0.00	-0.17 0.00	-0.20 0.00	-0.38 0.00	-0.57 0.00	-0.50 0.00	-0.50 0.00	-0.36 0.00	-0.20 0.00	0.54 0.00	-0.91 0.00	-0.92 0.00	-1.04 0.00	-0.87 0.00	-1.02 0.00	-1.27 0.00	-1.24 0.00
HARDSCRABBLE_WT_PWR 323673	25.45 0.89 0.00	17.43 0.64 0.00	16.31 0.61 0.00	15.89 0.59 0.00	14.81 0.62 0.00	22.88 1.00 0.00	26.65 1.13 0.00	28.05 1.01 0.00	26.59 0.78 0.00	29.28 0.70 0.00	30.12 0.42 0.00	23.16 0.27 0.00	17.66 0.12 0.00	9.68 0.03 0.00	4.66 0.05 0.00	-12.59 0.12 0.00	20.14 -0.06 0.00	22.54 0.34 0.00	30.69 0.85 0.00	39.18 1.58 0.00	41.60 2.21 0.00	41.93 2.30 0.00	37.75 2.16 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	28.03 1.33 -2.15	24.32 0.84 -6.70	16.45 0.75 0.00	16.01 0.72 0.00	14.84 0.66 0.00	22.85 0.97 0.00	26.60 1.08 0.00	28.23 1.19 0.00	26.87 1.06 0.00	29.76 1.19 0.00	31.12 1.41 0.00	24.15 1.26 0.00	18.62 1.08 0.00	10.29 0.65 0.00	4.97 0.36 0.00	-13.69 -0.98 0.00	21.87 1.68 0.00	24.03 1.83 0.00	32.19 2.35 0.00	40.35 2.76 0.00	42.42 3.03 0.00	42.69 3.05 0.00	38.28 2.70 0.00
HARSNRAD_115KV_TB1 81005	23.23 -1.67 -0.34	16.72 -1.12 -1.06	14.83 -0.87 0.00	14.34 -0.96 0.00	13.33 -0.85 0.00	20.58 -1.30 0.00	24.29 -1.23 0.00	25.89 -1.15 0.00	24.60 -1.20 0.00	27.14 -1.44 0.00	28.18 -1.52 0.00	21.62 -1.27 0.00	16.57 -0.97 0.00	9.14 -0.50 0.00	4.35 -0.26 0.00	-12.61 0.09 0.00	19.31 -0.89 0.00	20.91 -1.29 0.00	27.95 -1.89 0.00	34.94 -2.65 0.00	36.33 -3.06 0.00	36.60 -3.03 0.00	32.69 -2.89 0.00
HARZA MOOSE__RIVER 24016	24.82 0.17 -0.10	17.20 0.11 -0.30	15.84 0.14 0.00	15.50 0.21 0.00	14.40 0.22 0.00	22.20 0.32 0.00	25.84 0.32 0.00	27.47 0.42 0.00	26.15 0.34 0.00	28.91 0.33 0.00	29.95 0.24 0.00	23.01 0.12 0.00	17.54 0.00 0.00	9.54 -0.10 0.00	4.53 -0.08 0.00	-12.51 0.19 0.00	19.91 -0.28 0.00	21.99 -0.21 0.00	29.71 -0.13 0.00	37.94 0.35 0.00	39.65 0.26 0.00	39.60 -0.04 0.00	35.41 -0.17 0.00
HDSNBRDG_115KV_BRDG_TB1 355580	24.54 -0.23 -0.22	17.29 -0.17 -0.67	15.56 -0.15 0.00	15.15 -0.15 0.00	14.05 -0.13 0.00	21.68 -0.20 0.00	25.29 -0.23 0.00	26.82 -0.22 0.00	25.56 -0.25 0.00	28.32 -0.26 0.00	29.43 -0.28 0.00	22.67 -0.22 0.00	17.38 -0.17 0.00	9.53 -0.11 0.00	4.55 -0.06 0.00	-12.54 0.16 0.00	19.92 -0.28 0.00	21.89 -0.31 0.00	29.44 -0.40 0.00	37.15 -0.45 0.00	38.99 -0.40 0.00	39.22 -0.41 0.00	35.15 -0.43 0.00
HELLGATE_13_KV_LD 55870	28.39 1.62 -2.22	24.73 1.03 -6.91	16.61 0.91 0.00	16.16 0.86 0.00	14.97 0.79 0.00	23.06 1.18 0.00	26.83 1.31 0.00	28.48 1.44 0.00	27.14 1.33 0.00	29.99 1.41 0.00	31.31 1.61 0.00	24.45 1.56 0.00	18.88 1.34 0.00	10.44 0.80 0.00	5.04 0.43 0.00	-13.92 -1.21 0.00	22.22 2.02 0.00	24.36 2.16 0.00	32.46 2.62 0.00	40.63 3.04 0.00	42.77 3.38 0.00	43.06 3.42 0.00	38.60 3.02 0.00
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	28.39 1.62 -2.22	24.73 1.03 -6.91	16.61 0.91 0.00	16.16 0.86 0.00	14.97 0.79 0.00	23.06 1.18 0.00	26.83 1.31 0.00	28.48 1.44 0.00	27.14 1.33 0.00	29.99 1.41 0.00	31.31 1.61 0.00	24.45 1.56 0.00	18.88 1.34 0.00	10.44 0.80 0.00	5.04 0.43 0.00	-13.92 -1.21 0.00	22.22 2.02 0.00	24.36 2.16 0.00	32.46 2.62 0.00	40.63 3.04 0.00	42.77 3.38 0.00	43.06 3.42 0.00	38.60 3.02 0.00
HEMPSTEAD____ 23647	28.35 1.58 -2.22	24.69 1.00 -6.92	16.58 0.87 0.00	16.11 0.81 0.00	14.93 0.75 0.00	22.92 1.04 0.00	26.67 1.15 0.00	28.32 1.28 0.00	27.02 1.21 0.00	30.01 1.44 0.00	31.47 1.77 0.00	24.46 1.57 0.00	18.87 1.33 0.00	10.41 0.77 0.00	5.02 0.41 0.00	-13.85 -1.14 0.00	22.06 1.86 0.00	24.27 2.07 0.00	32.37 2.53 0.00	40.68 3.09 0.00	42.86 3.47 0.00	43.04 3.41 0.00	38.89 3.30 0.00
HICKLING__1 23621	24.78 -0.33 -0.56	18.30 -0.22 -1.74	15.55 -0.15 0.00	15.15 -0.14 0.00	14.09 -0.09 0.00	21.85 -0.02 0.00	25.63 0.11 0.00	27.33 0.29 0.00	25.92 0.11 0.00	28.64 0.06 0.00	29.79 0.08 0.00	22.77 -0.12 0.00	17.41 -0.13 0.00	9.51 -0.13 0.00	4.52 -0.09 0.00	-12.65 0.05 0.00	20.03 -0.16 0.00	22.02 -0.18 0.00	29.82 -0.02 0.00	37.94 0.34 0.00	39.85 0.46 0.00	40.13 0.49 0.00	35.68 0.11 0.00
HICKLING__2 23622	24.78 -0.33 -0.56	18.30 -0.22 -1.74	15.55 -0.15 0.00	15.15 -0.14 0.00	14.09 -0.09 0.00	21.85 -0.02 0.00	25.63 0.11 0.00	27.33 0.29 0.00	25.92 0.11 0.00	28.64 0.06 0.00	29.79 0.08 0.00	22.77 -0.12 0.00	17.41 -0.13 0.00	9.51 -0.13 0.00	4.52 -0.09 0.00	-12.65 0.05 0.00	20.03 -0.16 0.00	22.02 -0.18 0.00	29.82 -0.02 0.00	37.94 0.34 0.00	39.85 0.46 0.00	40.13 0.49 0.00	35.68 0.11 0.00
HIGH FALLS__HY 23754	28.25 1.47 -2.22	24.65 0.93 -6.94	16.53 0.83 0.00	16.10 0.80 0.00	14.92 0.74 0.00	22.97 1.09 0.00	26.76 1.24 0.00	28.38 1.34 0.00	26.98 1.18 0.00	29.90 1.32 0.00	31.24 1.53 0.00	24.15 1.26 0.00	18.57 1.03 0.00	10.24 0.60 0.00	4.93 0.32 0.00	-13.60 -0.89 0.00	21.75 1.56 0.00	23.98 1.77 0.00	32.23 2.39 0.00	40.46 2.87 0.00	42.55 3.16 0.00	42.82 3.18 0.00	38.39 2.81 0.00
HIGH_RIVER__SOLAR 323847	28.10 0.87 -2.68	25.72 0.59 -8.34	16.25 0.55 0.00	15.83 0.54 0.00	14.69 0.50 0.00	22.66 0.78 0.00	26.41 0.89 0.00	27.88 0.84 0.00	26.49 0.68 0.00	29.25 0.67 0.00	30.16 0.45 0.00	23.18 0.30 0.00	17.73 0.19 0.00	9.71 0.06 0.00	4.67 0.06 0.00	-12.71 0.00 0.00	20.29 0.10 0.00	22.46 0.26 0.00	30.48 0.64 0.00	38.82 1.23 0.00	41.00 1.61 0.00	41.30 1.66 0.00	37.07 1.49 0.00
HILLBURN__GT 23639	28.04 1.32 -2.16	24.35 0.82 -6.75	16.43 0.72 0.00	15.99 0.70 0.00	14.82 0.64 0.00	22.81 0.94 0.00	26.57 1.04 0.00	28.21 1.16 0.00	26.83 1.03 0.00	29.72 1.14 0.00	31.08 1.38 0.00	24.14 1.25 0.00	18.63 1.08 0.00	10.30 0.66 0.00	4.98 0.36 0.00	-13.70 -1.00 0.00	21.88 1.68 0.00	24.01 1.81 0.00	32.14 2.30 0.00	40.28 2.68 0.00	42.37 2.98 0.00	42.64 3.01 0.00	38.28 2.70 0.00
HILLSIDE_115KV_TB1 80332	24.74 -0.40 -0.59	18.34 -0.28 -1.84	15.47 -0.23 0.00	15.09 -0.20 0.00	14.01 -0.17 0.00	21.70 -0.18 0.00	25.39 -0.13 0.00	27.04 -0.01 0.00	25.63 -0.18 0.00	28.34 -0.24 0.00	29.48 -0.22 0.00	22.57 -0.32 0.00	17.30 -0.24 0.00	9.49 -0.16 0.00	4.51 -0.10 0.00	-12.57 0.13 0.00	19.98 -0.22 0.00	21.93 -0.27 0.00	29.62 -0.22 0.00	37.54 -0.05 0.00	39.43 0.04 0.00	39.73 0.09 0.00	35.33 -0.25 0.00
HISHELDN_WT_PWR	23.60	17.09	14.97	14.52	13.52	20.94	24.65	26.32	24.98	27.58	28.63	21.87	16.73	9.17	4.37	-12.53	19.42	21.17	28.48	35.92	37.55	37.83	33.69

323625	-1.35 -0.39	-0.92 -1.23	-0.73 0.00	-0.77 0.00	-0.67 0.00	-0.94 0.00	-0.87 0.00	-0.72 0.00	-0.83 0.00	-1.00 0.00	-1.08 0.00	-1.02 0.00	-0.81 0.00	-0.47 0.00	-0.25 0.00	0.18 0.00	-0.78 0.00	-1.04 0.00	-1.36 0.00	-1.67 0.00	-1.84 0.00	-1.81 0.00	-1.90 0.00
HOLTSVILLE_IC_1 23690	28.70 1.93 -2.22	24.95 1.25 -6.92	16.80 1.10 0.00	16.31 1.02 0.00	15.13 0.94 0.00	23.14 1.26 0.00	26.88 1.36 0.00	28.53 1.49 0.00	27.24 1.43 0.00	30.40 1.83 0.00	31.87 2.16 0.00	24.74 1.85 0.00	19.07 1.53 0.00	10.51 0.87 0.00	5.06 0.45 0.00	-14.01 -1.31 0.00	22.28 2.08 0.00	24.61 2.40 0.00	32.80 2.96 0.00	41.29 3.70 0.00	43.50 4.10 0.00	43.59 3.95 0.00	39.59 4.01 0.00
HOLTSVILLE_IC_10 23699	28.81 2.04 -2.22	25.02 1.31 -6.92	16.87 1.16 0.00	16.37 1.07 0.00	15.18 1.00 0.00	23.22 1.34 0.00	26.98 1.46 0.00	28.63 1.59 0.00	27.36 1.55 0.00	30.55 1.97 0.00	32.01 2.31 0.00	24.85 1.96 0.00	19.15 1.61 0.00	10.56 0.92 0.00	5.08 0.47 0.00	-14.07 -1.36 0.00	22.37 2.17 0.00	24.72 2.52 0.00	32.98 3.14 0.00	41.52 3.93 0.00	43.74 4.34 0.00	43.83 4.19 0.00	39.81 4.22 0.00
HOLTSVILLE_IC_2 23691	28.70 1.93 -2.22	24.95 1.25 -6.92	16.80 1.10 0.00	16.31 1.02 0.00	15.13 0.94 0.00	23.14 1.26 0.00	26.88 1.36 0.00	28.53 1.49 0.00	27.24 1.43 0.00	30.40 1.83 0.00	31.87 2.16 0.00	24.74 1.85 0.00	19.07 1.53 0.00	10.51 0.87 0.00	5.06 0.45 0.00	-14.01 -1.31 0.00	22.28 2.08 0.00	24.61 2.40 0.00	32.80 2.96 0.00	41.29 3.70 0.00	43.50 4.10 0.00	43.59 3.95 0.00	39.59 4.01 0.00
HOLTSVILLE_IC_3 23692	28.70 1.93 -2.22	24.95 1.25 -6.92	16.80 1.10 0.00	16.31 1.02 0.00	15.13 0.94 0.00	23.14 1.26 0.00	26.88 1.36 0.00	28.53 1.49 0.00	27.24 1.43 0.00	30.40 1.83 0.00	31.87 2.16 0.00	24.74 1.85 0.00	19.07 1.53 0.00	10.51 0.87 0.00	5.06 0.45 0.00	-14.01 -1.31 0.00	22.28 2.08 0.00	24.61 2.40 0.00	32.80 2.96 0.00	41.29 3.70 0.00	43.50 4.10 0.00	43.59 3.95 0.00	39.59 4.01 0.00
HOLTSVILLE_IC_4 23693	28.70 1.93 -2.22	24.95 1.25 -6.92	16.80 1.10 0.00	16.31 1.02 0.00	15.13 0.94 0.00	23.14 1.26 0.00	26.88 1.36 0.00	28.53 1.49 0.00	27.24 1.43 0.00	30.40 1.83 0.00	31.87 2.16 0.00	24.74 1.85 0.00	19.07 1.53 0.00	10.51 0.87 0.00	5.06 0.45 0.00	-14.01 -1.31 0.00	22.28 2.08 0.00	24.61 2.40 0.00	32.80 2.96 0.00	41.29 3.70 0.00	43.50 4.10 0.00	43.59 3.95 0.00	39.59 4.01 0.00
HOLTSVILLE_IC_5 23694	28.70 1.93 -2.22	24.95 1.25 -6.92	16.80 1.10 0.00	16.31 1.02 0.00	15.13 0.94 0.00	23.14 1.26 0.00	26.88 1.36 0.00	28.53 1.49 0.00	27.24 1.43 0.00	30.40 1.83 0.00	31.87 2.16 0.00	24.74 1.85 0.00	19.07 1.53 0.00	10.51 0.87 0.00	5.06 0.45 0.00	-14.01 -1.31 0.00	22.28 2.08 0.00	24.61 2.40 0.00	32.80 2.96 0.00	41.29 3.70 0.00	43.50 4.10 0.00	43.59 3.95 0.00	39.59 4.01 0.00
HOLTSVILLE_IC_6 23695	28.81 2.04 -2.22	25.02 1.31 -6.92	16.87 1.16 0.00	16.37 1.07 0.00	15.18 1.00 0.00	23.22 1.34 0.00	26.98 1.46 0.00	28.63 1.59 0.00	27.36 1.55 0.00	30.55 1.97 0.00	32.01 2.31 0.00	24.85 1.96 0.00	19.15 1.61 0.00	10.56 0.92 0.00	5.08 0.47 0.00	-14.07 -1.36 0.00	22.37 2.17 0.00	24.72 2.52 0.00	32.98 3.14 0.00	41.52 3.93 0.00	43.74 4.34 0.00	43.83 4.19 0.00	39.81 4.22 0.00
HOLTSVILLE_IC_7 23696	28.81 2.04 -2.22	25.02 1.31 -6.92	16.87 1.16 0.00	16.37 1.07 0.00	15.18 1.00 0.00	23.22 1.34 0.00	26.98 1.46 0.00	28.63 1.59 0.00	27.36 1.55 0.00	30.55 1.97 0.00	32.01 2.31 0.00	24.85 1.96 0.00	19.15 1.61 0.00	10.56 0.92 0.00	5.08 0.47 0.00	-14.07 -1.36 0.00	22.37 2.17 0.00	24.72 2.52 0.00	32.98 3.14 0.00	41.52 3.93 0.00	43.74 4.34 0.00	43.83 4.19 0.00	39.81 4.22 0.00
HOLTSVILLE_IC_8 23697	28.81 2.04 -2.22	25.02 1.31 -6.92	16.87 1.16 0.00	16.37 1.07 0.00	15.18 1.00 0.00	23.22 1.34 0.00	26.98 1.46 0.00	28.63 1.59 0.00	27.36 1.55 0.00	30.55 1.97 0.00	32.01 2.31 0.00	24.85 1.96 0.00	19.15 1.61 0.00	10.56 0.92 0.00	5.08 0.47 0.00	-14.07 -1.36 0.00	22.37 2.17 0.00	24.72 2.52 0.00	32.98 3.14 0.00	41.52 3.93 0.00	43.74 4.34 0.00	43.83 4.19 0.00	39.81 4.22 0.00
HOLTSVILLE_IC_9 23698	28.81 2.04 -2.22	25.02 1.31 -6.92	16.87 1.16 0.00	16.37 1.07 0.00	15.18 1.00 0.00	23.22 1.34 0.00	26.98 1.46 0.00	28.63 1.59 0.00	27.36 1.55 0.00	30.55 1.97 0.00	32.01 2.31 0.00	24.85 1.96 0.00	19.15 1.61 0.00	10.56 0.92 0.00	5.08 0.47 0.00	-14.07 -1.36 0.00	22.37 2.17 0.00	24.72 2.52 0.00	32.98 3.14 0.00	41.52 3.93 0.00	43.74 4.34 0.00	43.83 4.19 0.00	39.81 4.22 0.00
HOMER_HL_115KV_TB2 355744	23.60 -1.36 -0.41	17.09 -0.97 -1.28	14.96 -0.74 0.00	14.53 -0.76 0.00	13.49 -0.69 0.00	20.86 -1.02 0.00	24.44 -1.09 0.00	26.10 -0.94 0.00	24.62 -1.19 0.00	27.24 -1.33 0.00	28.33 -1.38 0.00	21.67 -1.22 0.00	16.60 -0.94 0.00	9.14 -0.51 0.00	4.37 -0.25 0.00	-12.44 0.26 0.00	19.39 -0.81 0.00	21.18 -1.02 0.00	28.46 -1.38 0.00	35.56 -2.04 0.00	37.24 -2.15 0.00	37.52 -2.12 0.00	33.40 -2.19 0.00
HOWARD_WT_PWR 323690	23.85 -1.16 -0.46	17.51 -0.71 -1.44	15.16 -0.55 0.00	14.78 -0.51 0.00	13.81 -0.37 0.00	21.48 -0.40 0.00	25.31 -0.21 0.00	27.07 0.03 0.00	25.77 -0.04 0.00	28.51 -0.07 0.00	29.58 -0.12 0.00	22.50 -0.39 0.00	17.08 -0.46 0.00	9.27 -0.38 0.00	4.40 -0.21 0.00	-12.50 0.21 0.00	19.51 -0.68 0.00	21.47 -0.73 0.00	29.29 -0.55 0.00	37.53 -0.06 0.00	39.57 0.18 0.00	39.87 0.24 0.00	35.47 -0.12 0.00
HQ_GEN_CEDARS 23644	24.39 -0.16 0.00	16.68 -0.10 0.00	15.60 -0.10 0.00	15.21 -0.09 0.00	14.09 -0.10 0.00	21.77 -0.11 0.00	25.45 -0.07 0.00	27.03 -0.01 0.00	25.84 0.04 0.00	28.54 -0.03 0.00	29.61 -0.09 0.00	22.75 -0.13 0.00	17.40 -0.15 0.00	9.54 -0.10 0.00	4.55 -0.06 0.00	-12.58 0.12 0.00	19.91 -0.29 0.00	21.90 -0.31 0.00	29.53 -0.30 0.00	37.29 -0.30 0.00	38.97 -0.43 0.00	39.12 -0.51 0.00	35.09 -0.50 0.00
HQ_GEN_CEDARS_PROXY 323590	24.39 -0.16 0.00	16.68 -0.10 0.00	15.61 -0.10 0.00	15.21 -0.09 0.00	14.09 -0.10 0.00	21.77 -0.11 0.00	25.45 -0.07 0.00	27.03 -0.01 0.00	25.84 0.04 0.00	28.54 -0.03 0.00	29.61 -0.09 0.00	22.75 -0.13 0.00	17.40 -0.15 0.00	9.54 -0.10 0.00	4.55 -0.06 0.00	-12.58 0.12 0.00	19.91 -0.28 0.00	21.90 -0.31 0.00	29.53 -0.30 0.00	37.29 -0.30 0.00	38.96 -0.43 0.00	39.12 -0.51 0.00	35.09 -0.50 0.00
HQ_GEN_CHPE_PROXY	28.19	24.60	16.50	16.05	14.87	22.90	26.66	28.29	26.94	29.82	31.16	24.28	18.75	10.37	5.00	-13.81	22.03	24.16	32.25	40.36	42.47	42.73	38.39

323851	1.42 -2.22	0.90 -6.91	0.79 0.00	0.76 0.00	0.69 0.00	1.03 0.00	1.14 0.00	1.25 0.00	1.13 0.00	1.24 0.00	1.46 0.00	1.39 0.00	1.21 0.00	0.72 0.00	0.39 0.00	-1.11 0.00	1.84 0.00	1.96 0.00	2.41 0.00	2.76 0.00	3.07 0.00	3.10 0.00	2.80 0.00
HQ_GEN_IMPORT 323601	24.41 -0.14 0.00	16.69 -0.10 0.00	15.61 -0.09 0.00	15.21 -0.08 0.00	14.10 -0.08 0.00	21.76 -0.11 0.00	25.42 -0.11 0.00	26.96 -0.08 0.00	25.79 -0.02 0.00	28.55 -0.03 0.00	29.67 -0.04 0.00	22.84 -0.05 0.00	17.48 -0.06 0.00	9.61 -0.03 0.00	4.59 -0.02 0.00	-12.66 0.04 0.00	20.11 -0.09 0.00	22.10 -0.11 0.00	29.72 -0.12 0.00	37.45 -0.14 0.00	39.13 -0.26 0.00	39.34 -0.29 0.00	35.30 -0.29 0.00
HQ_GEN_WHEEL 23651	24.41 -0.14 0.00	16.69 -0.10 0.00	15.61 -0.09 0.00	15.21 -0.08 0.00	14.10 -0.08 0.00	21.76 -0.11 0.00	25.42 -0.11 0.00	26.96 -0.08 0.00	25.79 -0.02 0.00	28.55 -0.03 0.00	29.67 -0.04 0.00	22.84 -0.05 0.00	17.48 -0.06 0.00	9.61 -0.03 0.00	4.59 -0.02 0.00	-12.66 0.04 0.00	20.11 -0.09 0.00	22.10 -0.11 0.00	29.72 -0.12 0.00	37.45 -0.14 0.00	39.13 -0.26 0.00	39.34 -0.29 0.00	35.30 -0.29 0.00
HUDSON AVE_GT_3 23810	28.24 1.46 -2.22	24.63 0.93 -6.91	16.52 0.81 0.00	16.07 0.78 0.00	14.90 0.71 0.00	22.93 1.05 0.00	26.70 1.18 0.00	28.33 1.29 0.00	26.98 1.18 0.00	29.88 1.30 0.00	31.23 1.52 0.00	24.33 1.44 0.00	18.79 1.25 0.00	10.39 0.74 0.00	5.02 0.40 0.00	-13.84 -1.14 0.00	22.08 1.89 0.00	24.22 2.02 0.00	32.32 2.48 0.00	40.45 2.86 0.00	42.57 3.18 0.00	42.84 3.20 0.00	38.46 2.88 0.00
HUDSON AVE_GT_4 23540	28.24 1.46 -2.22	24.63 0.93 -6.91	16.52 0.81 0.00	16.07 0.78 0.00	14.90 0.71 0.00	22.93 1.05 0.00	26.70 1.18 0.00	28.33 1.29 0.00	26.98 1.18 0.00	29.88 1.30 0.00	31.23 1.52 0.00	24.33 1.44 0.00	18.79 1.25 0.00	10.39 0.74 0.00	5.02 0.40 0.00	-13.84 -1.14 0.00	22.08 1.89 0.00	24.22 2.02 0.00	32.32 2.48 0.00	40.45 2.86 0.00	42.57 3.18 0.00	42.84 3.20 0.00	38.46 2.88 0.00
HUDSON AVE_GT_5 23657	28.24 1.46 -2.22	24.63 0.93 -6.91	16.52 0.81 0.00	16.07 0.78 0.00	14.90 0.71 0.00	22.93 1.05 0.00	26.70 1.18 0.00	28.33 1.29 0.00	26.98 1.18 0.00	29.88 1.30 0.00	31.23 1.52 0.00	24.33 1.44 0.00	18.79 1.25 0.00	10.39 0.74 0.00	5.02 0.40 0.00	-13.84 -1.14 0.00	22.08 1.89 0.00	24.22 2.02 0.00	32.32 2.48 0.00	40.45 2.86 0.00	42.57 3.18 0.00	42.84 3.20 0.00	38.46 2.88 0.00
HUDSON_AVE_10 24168	28.12 1.35 -2.22	24.55 0.85 -6.91	16.45 0.74 0.00	16.00 0.71 0.00	14.83 0.65 0.00	22.84 0.96 0.00	26.59 1.07 0.00	28.21 1.17 0.00	26.85 1.05 0.00	24.06 1.15 5.67	31.05 1.35 0.01	24.19 1.31 0.01	18.67 1.15 0.02	10.31 0.68 0.02	4.97 0.38 0.02	-13.78 -1.06 0.02	21.96 1.77 0.01	24.08 1.88 0.01	32.14 2.31 0.01	40.22 2.64 0.02	42.33 2.95 0.02	42.59 2.97 0.02	38.28 2.70 0.00
HUDSON___115KV_TB 4 355613	28.23 1.19 -2.49	25.31 0.77 -7.75	16.43 0.72 0.00	16.00 0.70 0.00	14.84 0.66 0.00	22.87 0.99 0.00	26.62 1.10 0.00	28.16 1.12 0.00	26.69 0.89 0.00	29.51 0.94 0.00	30.79 1.08 0.00	23.62 0.74 0.00	18.03 0.49 0.00	9.91 0.27 0.00	4.76 0.15 0.00	-13.04 -0.34 0.00	20.80 0.61 0.00	22.93 0.72 0.00	30.81 0.97 0.00	39.00 1.41 0.00	41.21 1.82 0.00	41.54 1.90 0.00	37.39 1.81 0.00
HUNTER MOUNT___DRP 323613	28.26 1.26 -2.45	25.22 0.81 -7.63	16.48 0.77 0.00	16.04 0.75 0.00	14.88 0.69 0.00	22.93 1.05 0.00	26.71 1.18 0.00	28.27 1.23 0.00	26.81 1.00 0.00	29.66 1.08 0.00	30.94 1.23 0.00	23.71 0.83 0.00	18.08 0.54 0.00	9.93 0.29 0.00	4.77 0.16 0.00	-13.07 -0.37 0.00	20.86 0.66 0.00	23.00 0.79 0.00	30.95 1.11 0.00	39.19 1.59 0.00	41.40 2.01 0.00	41.72 2.09 0.00	37.53 1.96 0.00
HUNTINGTON_RES_REC 323705	28.62 1.85 -2.22	24.89 1.19 -6.92	16.75 1.04 0.00	16.26 0.96 0.00	15.08 0.90 0.00	23.09 1.21 0.00	26.81 1.29 0.00	28.44 1.39 0.00	27.15 1.34 0.00	30.30 1.73 0.00	31.79 2.09 0.00	24.69 1.80 0.00	19.04 1.50 0.00	10.49 0.85 0.00	5.05 0.44 0.00	-13.98 -1.28 0.00	22.21 2.02 0.00	24.52 2.31 0.00	32.68 2.84 0.00	41.15 3.55 0.00	43.36 3.97 0.00	43.47 3.84 0.00	39.42 3.83 0.00
HUNTLEY___63 23557	23.43 -1.47 -0.35	16.89 -0.99 -1.09	14.95 -0.75 0.00	14.45 -0.85 0.00	13.44 -0.74 0.00	20.76 -1.12 0.00	24.47 -1.05 0.00	26.10 -0.95 0.00	24.78 -1.02 0.00	27.38 -1.20 0.00	28.43 -1.28 0.00	21.81 -1.08 0.00	16.73 -0.81 0.00	9.20 -0.44 0.00	4.38 -0.23 0.00	-12.72 -0.02 0.00	19.53 -0.66 0.00	21.21 -1.00 0.00	28.38 -1.46 0.00	35.43 -2.17 0.00	36.76 -2.64 0.00	36.94 -2.69 0.00	32.94 -2.64 0.00
HUNTLEY___64 23558	23.43 -1.47 -0.35	16.89 -0.99 -1.09	14.95 -0.75 0.00	14.45 -0.85 0.00	13.44 -0.74 0.00	20.76 -1.12 0.00	24.47 -1.05 0.00	26.10 -0.95 0.00	24.78 -1.02 0.00	27.38 -1.20 0.00	28.43 -1.28 0.00	21.81 -1.08 0.00	16.73 -0.81 0.00	9.20 -0.44 0.00	4.38 -0.23 0.00	-12.72 -0.02 0.00	19.53 -0.66 0.00	21.21 -1.00 0.00	28.38 -1.46 0.00	35.43 -2.17 0.00	36.76 -2.64 0.00	36.94 -2.69 0.00	32.94 -2.64 0.00
HUNTLEY___65 23559	23.43 -1.47 -0.35	16.89 -0.99 -1.09	14.95 -0.75 0.00	14.45 -0.85 0.00	13.44 -0.74 0.00	20.76 -1.12 0.00	24.47 -1.05 0.00	26.10 -0.95 0.00	24.78 -1.02 0.00	27.38 -1.20 0.00	28.43 -1.28 0.00	21.81 -1.08 0.00	16.73 -0.81 0.00	9.20 -0.44 0.00	4.38 -0.23 0.00	-12.72 -0.02 0.00	19.53 -0.66 0.00	21.21 -1.00 0.00	28.38 -1.46 0.00	35.43 -2.17 0.00	36.76 -2.64 0.00	36.94 -2.69 0.00	32.94 -2.64 0.00
HUNTLEY___66 23560	23.43 -1.47 -0.35	16.89 -0.99 -1.09	14.95 -0.75 0.00	14.45 -0.85 0.00	13.44 -0.74 0.00	20.76 -1.12 0.00	24.47 -1.05 0.00	26.10 -0.95 0.00	24.78 -1.02 0.00	27.38 -1.20 0.00	28.43 -1.28 0.00	21.81 -1.08 0.00	16.73 -0.81 0.00	9.20 -0.44 0.00	4.38 -0.23 0.00	-12.72 -0.02 0.00	19.53 -0.66 0.00	21.21 -1.00 0.00	28.38 -1.46 0.00	35.43 -2.17 0.00	36.76 -2.64 0.00	36.94 -2.69 0.00	32.94 -2.64 0.00
HUNTLEY___67 23561	23.29 -1.62 -0.35	16.80 -1.09 -1.11	14.84 -0.86 0.00	14.35 -0.94 0.00	13.35 -0.84 0.00	20.61 -1.27 0.00	24.28 -1.24 0.00	25.91 -1.14 0.00	24.61 -1.20 0.00	27.20 -1.38 0.00	28.24 -1.47 0.00	21.67 -1.23 0.00	16.63 -0.90 0.00	9.14 -0.50 0.00	4.35 -0.26 0.00	-12.61 0.10 0.00	19.37 -0.82 0.00	21.04 -1.16 0.00	28.15 -1.69 0.00	35.15 -2.44 0.00	36.50 -2.90 0.00	36.74 -2.90 0.00	32.76 -2.82 0.00
HUNTLEY___68	23.29	16.80	14.84	14.35	13.35	20.61	24.28	25.91	24.61	27.20	28.24	21.67	16.63	9.14	4.35	-12.61	19.37	21.04	28.15	35.15	36.50	36.74	32.76

23562	-1.62 -0.35	-1.09 -1.11	-0.86 0.00	-0.94 0.00	-0.84 0.00	-1.27 0.00	-1.24 0.00	-1.14 0.00	-1.20 0.00	-1.38 0.00	-1.47 0.00	-1.23 0.00	-0.90 0.00	-0.50 0.00	-0.26 0.00	0.10 0.00	-0.82 0.00	-1.16 0.00	-1.69 0.00	-2.44 0.00	-2.90 0.00	-2.90 0.00	-2.82 0.00
HYLAND___LFGE 323620	25.19 0.26 -0.38	18.14 0.18 -1.17	15.95 0.24 0.00	15.47 0.17 0.00	14.41 0.23 0.00	22.37 0.49 0.00	26.33 0.80 0.00	28.09 1.05 0.00	26.61 0.80 0.00	29.12 0.54 0.00	29.94 0.23 0.00	22.86 -0.03 0.00	17.34 -0.20 0.00	9.44 -0.20 0.00	4.50 -0.11 0.00	-12.73 -0.02 0.00	19.93 -0.26 0.00	21.90 -0.30 0.00	29.68 -0.16 0.00	38.18 0.58 0.00	40.81 1.42 0.00	41.25 1.62 0.00	36.68 1.10 0.00
INDECK___CORINTH 23802	28.84 1.68 -2.60	25.99 1.10 -8.11	16.73 1.03 0.00	16.31 1.01 0.00	15.15 0.97 0.00	23.26 1.38 0.00	27.04 1.52 0.00	28.63 1.58 0.00	27.26 1.45 0.00	30.22 1.64 0.00	31.14 1.43 0.00	23.89 1.00 0.00	18.18 0.64 0.00	9.99 0.34 0.00	4.81 0.20 0.00	-13.07 -0.36 0.00	21.09 0.90 0.00	23.51 1.30 0.00	31.84 2.00 0.00	40.22 2.62 0.00	42.27 2.88 0.00	42.71 3.08 0.00	38.25 2.67 0.00
INDECK___ILION 23567	25.79 1.24 0.00	17.64 0.85 0.00	16.48 0.78 0.00	16.04 0.75 0.00	14.95 0.77 0.00	23.07 1.19 0.00	26.84 1.32 0.00	28.20 1.16 0.00	26.70 0.89 0.00	29.38 0.80 0.00	30.17 0.46 0.00	23.16 0.27 0.00	17.64 0.10 0.00	9.68 0.04 0.00	4.68 0.07 0.00	-12.57 0.13 0.00	20.18 -0.02 0.00	22.69 0.48 0.00	30.94 1.10 0.00	39.58 1.98 0.00	42.14 2.75 0.00	42.49 2.85 0.00	38.24 2.66 0.00
INDECK___OLEAN 23982	23.60 -1.36 -0.41	17.09 -0.97 -1.28	14.96 -0.74 0.00	14.53 -0.76 0.00	13.49 -0.69 0.00	20.86 -1.02 0.00	24.44 -1.08 0.00	26.10 -0.94 0.00	24.62 -1.19 0.00	27.25 -1.33 0.00	28.33 -1.38 0.00	21.66 -1.22 0.00	16.60 -0.94 0.00	9.13 -0.51 0.00	4.37 -0.25 0.00	-12.45 0.26 0.00	19.39 -0.81 0.00	21.18 -1.02 0.00	28.45 -1.38 0.00	35.56 -2.04 0.00	37.24 -2.15 0.00	37.52 -2.11 0.00	33.39 -2.19 0.00
INDECK___OSWEGO 23783	24.20 -0.53 -0.18	16.99 -0.36 -0.57	15.37 -0.34 0.00	14.96 -0.34 0.00	13.88 -0.30 0.00	21.42 -0.46 0.00	24.99 -0.54 0.00	26.49 -0.55 0.00	25.25 -0.56 0.00	27.97 -0.61 0.00	29.04 -0.67 0.00	22.38 -0.51 0.00	17.14 -0.40 0.00	9.41 -0.24 0.00	4.49 -0.12 0.00	-12.38 0.33 0.00	19.64 -0.56 0.00	21.58 -0.62 0.00	28.99 -0.85 0.00	36.57 -1.03 0.00	38.37 -1.02 0.00	38.61 -1.03 0.00	34.62 -0.96 0.00
INDECK___YERKES 23781	23.45 -1.45 -0.35	16.90 -0.97 -1.09	14.96 -0.75 0.00	14.46 -0.83 0.00	13.45 -0.73 0.00	20.78 -1.10 0.00	24.50 -1.03 0.00	26.12 -0.92 0.00	24.81 -1.00 0.00	27.40 -1.18 0.00	28.45 -1.26 0.00	21.82 -1.07 0.00	16.74 -0.80 0.00	9.21 -0.44 0.00	4.38 -0.23 0.00	-12.72 -0.02 0.00	19.55 -0.65 0.00	21.23 -0.97 0.00	28.39 -1.44 0.00	35.46 -2.14 0.00	36.79 -2.61 0.00	36.97 -2.66 0.00	32.98 -2.61 0.00
INDIAN POINT_GT_1 24139	28.06 1.30 -2.21	24.48 0.82 -6.88	16.42 0.72 0.00	15.98 0.69 0.00	14.82 0.63 0.00	22.80 0.93 0.00	26.54 1.02 0.00	28.16 1.12 0.00	26.80 1.00 0.00	29.69 1.11 0.00	31.04 1.34 0.00	24.12 1.23 0.00	18.61 1.07 0.00	10.29 0.64 0.00	4.96 0.35 0.00	-13.66 -0.96 0.00	21.82 1.62 0.00	23.95 1.74 0.00	32.04 2.20 0.00	40.16 2.57 0.00	42.27 2.88 0.00	42.54 2.91 0.00	38.21 2.63 0.00
INDIAN POINT_GT_2 23659	28.06 1.30 -2.21	24.48 0.82 -6.88	16.42 0.72 0.00	15.98 0.69 0.00	14.82 0.63 0.00	22.80 0.93 0.00	26.54 1.02 0.00	28.16 1.12 0.00	26.80 1.00 0.00	29.69 1.11 0.00	31.04 1.34 0.00	24.12 1.23 0.00	18.61 1.07 0.00	10.29 0.64 0.00	4.96 0.35 0.00	-13.66 -0.96 0.00	21.82 1.62 0.00	23.95 1.74 0.00	32.04 2.20 0.00	40.16 2.57 0.00	42.27 2.88 0.00	42.54 2.91 0.00	38.21 2.63 0.00
INDIAN POINT_GT_3 24019	28.06 1.30 -2.21	24.48 0.82 -6.88	16.42 0.72 0.00	15.98 0.69 0.00	14.82 0.63 0.00	22.80 0.93 0.00	26.54 1.02 0.00	28.16 1.12 0.00	26.80 1.00 0.00	29.69 1.11 0.00	31.04 1.34 0.00	24.12 1.23 0.00	18.61 1.07 0.00	10.29 0.64 0.00	4.96 0.35 0.00	-13.66 -0.96 0.00	21.82 1.62 0.00	23.95 1.74 0.00	32.04 2.20 0.00	40.16 2.57 0.00	42.27 2.88 0.00	42.54 2.91 0.00	38.21 2.63 0.00
INDIAN POINT___2 23530	28.03 1.29 -2.19	24.42 0.80 -6.83	16.42 0.71 0.00	15.97 0.68 0.00	14.81 0.63 0.00	22.79 0.92 0.00	26.53 1.00 0.00	28.15 1.11 0.00	26.79 0.98 0.00	29.68 1.10 0.00	31.02 1.32 0.00	24.10 1.21 0.00	18.59 1.05 0.00	10.28 0.64 0.00	4.96 0.35 0.00	-13.67 -0.96 0.00	21.81 1.61 0.00	23.94 1.74 0.00	32.03 2.20 0.00	40.15 2.56 0.00	42.25 2.86 0.00	42.53 2.89 0.00	38.17 2.60 0.00
INDIAN POINT___3 23531	28.06 1.29 -2.21	24.48 0.81 -6.88	16.42 0.72 0.00	15.98 0.69 0.00	14.81 0.63 0.00	22.80 0.93 0.00	26.54 1.02 0.00	28.16 1.12 0.00	26.80 0.99 0.00	29.68 1.10 0.00	31.03 1.32 0.00	24.11 1.22 0.00	18.60 1.06 0.00	10.28 0.64 0.00	4.96 0.35 0.00	-13.66 -0.96 0.00	21.81 1.61 0.00	23.93 1.73 0.00	32.02 2.18 0.00	40.15 2.55 0.00	42.24 2.85 0.00	42.52 2.88 0.00	38.17 2.60 0.00
INDIANHD_69_KV_BK1 55831	28.70 1.93 -2.22	24.95 1.25 -6.92	16.80 1.09 0.00	16.30 1.01 0.00	15.13 0.94 0.00	23.14 1.27 0.00	26.88 1.36 0.00	28.52 1.48 0.00	27.24 1.43 0.00	30.41 1.83 0.00	31.90 2.20 0.00	24.77 1.88 0.00	19.10 1.56 0.00	10.53 0.88 0.00	5.07 0.45 0.00	-14.02 -1.32 0.00	22.28 2.08 0.00	24.60 2.40 0.00	32.81 2.97 0.00	41.33 3.74 0.00	43.55 4.16 0.00	43.65 4.02 0.00	39.63 4.05 0.00
INGHAM_C_115KV_TB7 356103	25.79 1.24 0.00	17.64 0.85 0.00	16.48 0.78 0.00	16.04 0.75 0.00	14.95 0.77 0.00	23.07 1.19 0.00	26.84 1.32 0.00	28.20 1.16 0.00	26.70 0.89 0.00	29.38 0.80 0.00	30.17 0.46 0.00	23.16 0.27 0.00	17.64 0.10 0.00	9.68 0.04 0.00	4.68 0.07 0.00	-12.57 0.13 0.00	20.18 -0.02 0.00	22.69 0.48 0.00	30.94 1.10 0.00	39.58 1.98 0.00	42.14 2.75 0.00	42.49 2.85 0.00	38.24 2.66 0.00
IP CORINTH___1 23988	28.84 1.68 -2.60	25.99 1.10 -8.11	16.73 1.03 0.00	16.31 1.01 0.00	15.15 0.97 0.00	23.26 1.38 0.00	27.04 1.52 0.00	28.63 1.58 0.00	27.26 1.45 0.00	30.22 1.64 0.00	31.14 1.43 0.00	23.89 1.00 0.00	18.18 0.64 0.00	9.99 0.34 0.00	4.81 0.20 0.00	-13.06 -0.36 0.00	21.09 0.90 0.00	23.51 1.30 0.00	31.83 2.00 0.00	40.22 2.62 0.00	42.27 2.88 0.00	42.71 3.07 0.00	38.25 2.67 0.00
IP___TICONDEROGA	30.03	26.70	17.43	17.04	15.88	24.08	28.01	29.51	28.12	31.17	32.17	24.49	18.57	10.21	4.95	-13.28	21.58	24.42	33.11	41.71	44.37	44.76	39.71

23804	2.88 -2.60	1.81 -8.10	1.73 0.00	1.74 0.00	1.70 0.00	2.20 0.00	2.49 0.00	2.47 0.00	2.31 0.00	2.60 0.00	2.46 0.00	1.60 0.00	1.03 0.00	0.57 0.00	0.34 0.00	-0.58 0.00	1.38 0.00	2.21 0.00	3.27 0.00	4.12 0.00	4.98 0.00	5.12 0.00	4.14 0.00
ISLIP_RES_REC 323679	28.87 2.10 -2.22	25.05 1.35 -6.92	16.90 1.20 0.00	16.41 1.11 0.00	15.22 1.04 0.00	23.27 1.39 0.00	27.04 1.52 0.00	28.70 1.66 0.00	27.43 1.62 0.00	30.64 2.07 0.00	32.11 2.41 0.00	24.92 2.03 0.00	19.21 1.66 0.00	10.59 0.94 0.00	5.09 0.48 0.00	-14.10 -1.40 0.00	22.42 2.22 0.00	24.80 2.59 0.00	33.09 3.25 0.00	41.67 4.08 0.00	43.91 4.51 0.00	43.99 4.35 0.00	39.95 4.36 0.00
JAMAICA__27_KV_LOAD 355505	28.23 1.46 -2.22	24.62 0.92 -6.91	16.51 0.81 0.00	16.07 0.78 0.00	14.88 0.70 0.00	22.93 1.05 0.00	26.70 1.18 0.00	28.32 1.28 0.00	26.93 1.13 0.00	24.13 1.23 5.67	31.09 1.39 0.01	24.21 1.33 0.01	18.69 1.16 0.02	10.32 0.69 0.02	4.98 0.38 0.02	-13.79 -1.07 0.02	21.96 1.78 0.01	24.09 1.89 0.01	32.15 2.32 0.01	40.24 2.66 0.02	42.36 2.98 0.02	42.64 3.02 0.02	38.40 2.81 0.00
JANIS__SOLAR 323808	25.72 0.54 -0.63	19.07 0.32 -1.97	16.07 0.37 0.00	15.69 0.40 0.00	14.61 0.43 0.00	22.57 0.69 0.00	26.40 0.88 0.00	28.04 1.00 0.00	26.63 0.83 0.00	29.38 0.80 0.00	30.44 0.73 0.00	23.27 0.38 0.00	17.82 0.28 0.00	9.76 0.12 0.00	4.60 -0.01 0.00	-12.71 -0.01 0.00	20.08 -0.12 0.00	22.21 0.01 0.00	30.36 0.52 0.00	39.11 1.52 0.00	41.34 1.95 0.00	41.58 1.94 0.00	37.11 1.53 0.00
JARVIS____ 23743	24.70 0.15 0.00	16.88 0.10 0.00	15.80 0.09 0.00	15.38 0.09 0.00	14.27 0.08 0.00	22.01 0.12 0.00	25.65 0.13 0.00	27.16 0.12 0.00	25.88 0.08 0.00	28.66 0.09 0.00	29.81 0.10 0.00	22.98 0.09 0.00	17.62 0.07 0.00	9.69 0.04 0.00	4.64 0.03 0.00	-12.75 -0.05 0.00	20.29 0.09 0.00	22.31 0.11 0.00	29.98 0.15 0.00	37.78 0.19 0.00	39.66 0.27 0.00	39.91 0.28 0.00	35.86 0.28 0.00
JENNISON____1 23625	25.81 0.44 -0.82	19.61 0.27 -2.56	15.98 0.28 0.00	15.60 0.31 0.00	14.62 0.43 0.00	22.58 0.70 0.00	26.46 0.93 0.00	28.10 1.05 0.00	26.72 0.91 0.00	29.55 0.97 0.00	30.75 1.04 0.00	23.59 0.70 0.00	18.04 0.50 0.00	9.91 0.27 0.00	4.67 0.06 0.00	-13.02 -0.32 0.00	20.46 0.26 0.00	22.62 0.42 0.00	30.88 1.04 0.00	39.42 1.82 0.00	41.45 2.06 0.00	41.59 1.96 0.00	37.18 1.60 0.00
JENNISON____2 23626	25.81 0.44 -0.82	19.61 0.27 -2.56	15.98 0.28 0.00	15.60 0.31 0.00	14.62 0.43 0.00	22.58 0.70 0.00	26.46 0.93 0.00	28.10 1.05 0.00	26.72 0.91 0.00	29.55 0.97 0.00	30.75 1.04 0.00	23.59 0.70 0.00	18.04 0.50 0.00	9.91 0.27 0.00	4.67 0.06 0.00	-13.02 -0.32 0.00	20.46 0.26 0.00	22.62 0.42 0.00	30.88 1.04 0.00	39.42 1.82 0.00	41.45 2.06 0.00	41.59 1.96 0.00	37.18 1.60 0.00
JERICOHO_RISE_WT_PWR 323719	24.32 -0.23 0.00	16.67 -0.11 0.00	15.60 -0.11 0.00	15.20 -0.09 0.00	14.08 -0.11 0.00	21.76 -0.12 0.00	25.43 -0.09 0.00	26.96 -0.08 0.00	25.76 -0.05 0.00	28.49 -0.09 0.00	29.58 -0.12 0.00	22.69 -0.20 0.00	17.33 -0.21 0.00	9.54 -0.11 0.00	4.55 -0.06 0.00	-12.56 0.14 0.00	19.90 -0.30 0.00	21.86 -0.34 0.00	29.48 -0.36 0.00	37.27 -0.32 0.00	38.97 -0.42 0.00	39.03 -0.60 0.00	35.05 -0.53 0.00
KATONAH__115KV_46KV_TB4 355592	28.17 1.38 -2.24	24.64 0.88 -6.98	16.47 0.77 0.00	16.04 0.74 0.00	14.87 0.69 0.00	22.89 1.02 0.00	26.65 1.12 0.00	28.26 1.22 0.00	26.91 1.11 0.00	29.84 1.26 0.00	31.18 1.47 0.00	24.22 1.34 0.00	18.68 1.14 0.00	10.32 0.67 0.00	4.97 0.36 0.00	-13.69 -0.99 0.00	21.87 1.67 0.00	24.01 1.80 0.00	32.14 2.30 0.00	40.31 2.71 0.00	42.41 3.02 0.00	42.68 3.04 0.00	38.32 2.73 0.00
KCE_NY_1 323755	28.53 1.38 -2.60	25.79 0.91 -8.09	16.55 0.84 0.00	16.11 0.81 0.00	14.95 0.77 0.00	23.02 1.15 0.00	26.81 1.29 0.00	28.34 1.30 0.00	26.96 1.16 0.00	29.88 1.30 0.00	30.93 1.23 0.00	23.80 0.91 0.00	18.17 0.63 0.00	10.01 0.36 0.00	4.81 0.20 0.00	-13.11 -0.40 0.00	21.01 0.81 0.00	23.29 1.09 0.00	31.45 1.62 0.00	39.70 2.11 0.00	41.78 2.39 0.00	42.12 2.48 0.00	37.83 2.24 0.00
KCE_NY_6_ESR 323823	23.59 -1.34 -0.37	17.02 -0.92 -1.16	15.00 -0.71 0.00	14.52 -0.77 0.00	13.50 -0.68 0.00	20.88 -1.00 0.00	24.57 -0.95 0.00	26.23 -0.82 0.00	24.87 -0.93 0.00	27.52 -1.06 0.00	28.57 -1.13 0.00	21.88 -1.00 0.00	16.80 -0.75 0.00	9.23 -0.42 0.00	4.40 -0.21 0.00	-12.67 0.03 0.00	19.57 -0.62 0.00	21.29 -0.91 0.00	28.53 -1.31 0.00	35.73 -1.86 0.00	37.20 -2.19 0.00	37.48 -2.16 0.00	33.34 -2.25 0.00
KEDC_PORT_JEFF_GT2 24210	28.78 2.01 -2.22	25.00 1.30 -6.92	16.85 1.15 0.00	16.36 1.06 0.00	15.17 0.99 0.00	23.20 1.32 0.00	26.95 1.43 0.00	28.61 1.57 0.00	27.33 1.52 0.00	30.51 1.94 0.00	31.99 2.28 0.00	24.83 1.94 0.00	19.14 1.59 0.00	10.55 0.90 0.00	5.07 0.46 0.00	-14.06 -1.35 0.00	22.35 2.15 0.00	24.70 2.50 0.00	32.94 3.10 0.00	41.48 3.88 0.00	43.69 4.30 0.00	43.77 4.14 0.00	39.74 4.15 0.00
KEDC_PORT_JEFF_GT3 24211	28.78 2.01 -2.22	25.00 1.30 -6.92	16.85 1.15 0.00	16.36 1.06 0.00	15.17 0.99 0.00	23.20 1.32 0.00	26.95 1.43 0.00	28.61 1.57 0.00	27.33 1.52 0.00	30.51 1.94 0.00	31.99 2.28 0.00	24.83 1.94 0.00	19.14 1.59 0.00	10.55 0.90 0.00	5.07 0.46 0.00	-14.06 -1.35 0.00	22.35 2.15 0.00	24.70 2.50 0.00	32.94 3.10 0.00	41.48 3.88 0.00	43.69 4.30 0.00	43.77 4.14 0.00	39.74 4.15 0.00
KEDC_GLWD_GT4 24219	28.38 1.61 -2.22	24.71 1.02 -6.92	16.60 0.90 0.00	16.14 0.84 0.00	14.96 0.78 0.00	22.99 1.11 0.00	26.76 1.23 0.00	28.40 1.36 0.00	27.08 1.28 0.00	30.06 1.48 0.00	31.49 1.79 0.00	24.48 1.59 0.00	18.89 1.35 0.00	10.43 0.79 0.00	5.03 0.42 0.00	-13.87 -1.16 0.00	22.11 1.92 0.00	24.32 2.12 0.00	32.47 2.63 0.00	40.74 3.15 0.00	42.90 3.51 0.00	43.12 3.49 0.00	38.81 3.23 0.00
KEDC_GLWD_GT5 24220	28.38 1.61 -2.22	24.71 1.02 -6.92	16.60 0.90 0.00	16.14 0.84 0.00	14.96 0.78 0.00	22.99 1.11 0.00	26.76 1.23 0.00	28.40 1.36 0.00	27.08 1.28 0.00	30.06 1.48 0.00	31.49 1.79 0.00	24.48 1.59 0.00	18.89 1.35 0.00	10.43 0.79 0.00	5.03 0.42 0.00	-13.87 -1.16 0.00	22.11 1.92 0.00	24.32 2.12 0.00	32.47 2.63 0.00	40.74 3.15 0.00	42.90 3.51 0.00	43.12 3.49 0.00	38.81 3.23 0.00
KENSICO____	28.14	24.56	16.47	16.02	14.85	22.86	26.61	28.23	26.88	29.77	31.13	24.19	18.67	10.32	4.98	-13.71	21.88	24.02	32.12	40.26	42.38	42.64	38.28

23655	1.37 -2.22	0.86 -6.91	0.76 0.00	0.73 0.00	0.67 0.00	0.98 0.00	1.09 0.00	1.19 0.00	1.07 0.00	1.20 0.00	1.42 0.00	1.31 0.00	1.13 0.00	0.67 0.00	0.37 0.00	-1.00 0.00	1.69 0.00	1.81 0.00	2.29 0.00	2.67 0.00	2.98 0.00	3.01 0.00	2.70 0.00
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	28.19 1.46 -2.17	24.49 0.93 -6.78	16.53 0.83 0.00	16.10 0.80 0.00	14.92 0.74 0.00	22.97 1.10 0.00	26.76 1.23 0.00	28.37 1.33 0.00	26.96 1.15 0.00	29.86 1.28 0.00	31.20 1.49 0.00	24.11 1.22 0.00	18.53 0.99 0.00	10.20 0.56 0.00	4.92 0.31 0.00	-13.56 -0.85 0.00	21.68 1.48 0.00	23.91 1.70 0.00	32.13 2.29 0.00	40.36 2.76 0.00	42.45 3.06 0.00	42.72 3.09 0.00	38.32 2.74 0.00
KIAC_JFK_GT1 23816	28.11 1.34 -2.22	24.54 0.84 -6.91	16.43 0.73 0.00	15.99 0.70 0.00	14.81 0.63 0.00	22.82 0.94 0.00	26.57 1.05 0.00	28.20 1.15 0.00	26.81 1.01 0.00	24.00 1.09 5.67	30.96 1.26 0.01	24.11 1.23 0.01	18.61 1.08 0.02	10.28 0.65 0.02	4.95 0.36 0.02	-13.72 -1.01 0.02	21.87 1.68 0.01	23.98 1.78 0.01	32.00 2.17 0.01	40.04 2.46 0.02	42.14 2.77 0.02	42.43 2.81 0.02	38.22 2.63 0.00
KIAC_JFK_GT2 23817	28.11 1.34 -2.22	24.54 0.84 -6.91	16.43 0.73 0.00	15.99 0.70 0.00	14.81 0.63 0.00	22.82 0.94 0.00	26.57 1.05 0.00	28.20 1.15 0.00	26.81 1.01 0.00	24.00 1.09 5.67	30.96 1.26 0.01	24.11 1.23 0.01	18.61 1.08 0.02	10.28 0.65 0.02	4.95 0.36 0.02	-13.72 -1.01 0.02	21.87 1.68 0.01	23.98 1.78 0.01	32.00 2.17 0.01	40.04 2.46 0.02	42.14 2.77 0.02	42.43 2.81 0.02	38.22 2.63 0.00
KIAC_JFK____ 323774	28.11 1.34 -2.22	24.54 0.84 -6.91	16.43 0.73 0.00	15.99 0.70 0.00	14.81 0.63 0.00	22.82 0.94 0.00	26.57 1.05 0.00	28.20 1.16 0.00	26.81 1.00 0.00	24.00 1.09 5.67	30.96 1.26 0.01	24.11 1.23 0.01	18.61 1.08 0.02	10.28 0.65 0.02	4.95 0.36 0.02	-13.72 -1.01 0.02	21.87 1.68 0.01	23.98 1.78 0.01	32.01 2.18 0.01	40.04 2.46 0.02	42.14 2.76 0.02	42.43 2.81 0.02	38.22 2.63 0.00
KINTIGH__24_KV_GSU 356498	23.51 -1.36 -0.31	16.85 -0.91 -0.98	14.98 -0.73 0.00	14.49 -0.81 0.00	13.47 -0.71 0.00	20.79 -1.09 0.00	24.45 -1.07 0.00	26.06 -0.98 0.00	24.77 -1.04 0.00	27.37 -1.21 0.00	28.43 -1.28 0.00	21.82 -1.06 0.00	16.71 -0.83 0.00	9.17 -0.47 0.00	4.38 -0.24 0.00	-12.58 0.13 0.00	19.41 -0.78 0.00	21.14 -1.06 0.00	28.31 -1.53 0.00	35.41 -2.18 0.00	36.82 -2.57 0.00	37.07 -2.57 0.00	33.08 -2.50 0.00
KINTIGH____ 23543	23.50 -1.37 -0.31	16.85 -0.92 -0.98	14.97 -0.73 0.00	14.48 -0.81 0.00	13.46 -0.73 0.00	20.78 -1.10 0.00	24.44 -1.09 0.00	26.05 -0.99 0.00	24.75 -1.06 0.00	27.36 -1.22 0.00	28.41 -1.30 0.00	21.82 -1.08 0.00	16.71 -0.83 0.00	9.17 -0.47 0.00	4.38 -0.24 0.00	-12.58 0.12 0.00	19.41 -0.78 0.00	21.14 -1.06 0.00	28.32 -1.52 0.00	35.41 -2.19 0.00	36.82 -2.58 0.00	37.07 -2.57 0.00	33.09 -2.50 0.00
KNTFSRNC_46_KV_46KV_LOAD 80397	24.55 0.00 0.00	16.87 0.08 0.00	15.78 0.07 0.00	15.38 0.08 0.00	14.25 0.07 0.00	22.03 0.15 0.00	25.74 0.22 0.00	27.27 0.23 0.00	26.04 0.23 0.00	28.80 0.22 0.00	29.97 0.26 0.00	22.94 0.05 0.00	17.51 -0.02 0.00	9.64 -0.01 0.00	4.60 -0.02 0.00	-12.67 0.04 0.00	20.09 -0.11 0.00	22.07 -0.13 0.00	29.72 -0.12 0.00	37.66 0.06 0.00	39.51 0.12 0.00	39.58 -0.06 0.00	35.48 -0.11 0.00
LACHUTE____HYDRO 323717	30.03 2.87 -2.60	26.70 1.81 -8.10	17.43 1.73 0.00	17.04 1.74 0.00	15.88 1.69 0.00	24.08 2.20 0.00	28.01 2.49 0.00	29.51 2.47 0.00	28.12 2.31 0.00	31.17 2.60 0.00	32.17 2.46 0.00	24.49 1.60 0.00	18.57 1.03 0.00	10.21 0.57 0.00	4.95 0.34 0.00	-13.28 -0.58 0.00	21.58 1.38 0.00	24.42 2.21 0.00	33.10 3.27 0.00	41.72 4.12 0.00	44.37 4.98 0.00	44.76 5.12 0.00	39.71 4.13 0.00
LAWRNCALV_115KV_TB1 80681	24.25 -0.33 -0.03	16.66 -0.22 -0.10	15.50 -0.20 0.00	15.11 -0.18 0.00	14.00 -0.18 0.00	21.64 -0.24 0.00	25.29 -0.23 0.00	26.88 -0.17 0.00	25.68 -0.13 0.00	28.25 -0.32 0.00	29.27 -0.44 0.00	22.48 -0.41 0.00	17.15 -0.39 0.00	9.40 -0.25 0.00	4.48 -0.13 0.00	-12.34 0.37 0.00	19.49 -0.71 0.00	21.45 -0.76 0.00	29.07 -0.77 0.00	36.84 -0.75 0.00	38.52 -0.87 0.00	38.64 -0.99 0.00	34.66 -0.91 0.00
LEDERLE____ 23769	28.15 1.42 -2.18	24.46 0.89 -6.79	16.49 0.79 0.00	16.05 0.76 0.00	14.88 0.70 0.00	22.90 1.03 0.00	26.67 1.15 0.00	28.32 1.27 0.00	26.94 1.14 0.00	29.85 1.27 0.00	31.21 1.50 0.00	24.24 1.35 0.00	18.70 1.15 0.00	10.34 0.70 0.00	4.99 0.38 0.00	-13.75 -1.05 0.00	21.97 1.77 0.00	24.11 1.91 0.00	32.28 2.44 0.00	40.45 2.86 0.00	42.55 3.16 0.00	42.83 3.19 0.00	38.42 2.85 0.00
LIGHTHSE_115KV_TB6 355974	24.38 -0.35 -0.17	17.07 -0.24 -0.54	15.49 -0.22 0.00	15.09 -0.20 0.00	14.02 -0.16 0.00	21.62 -0.26 0.00	25.20 -0.32 0.00	26.75 -0.29 0.00	25.47 -0.34 0.00	28.20 -0.38 0.00	29.20 -0.51 0.00	22.50 -0.39 0.00	17.20 -0.34 0.00	9.41 -0.24 0.00	4.48 -0.13 0.00	-12.37 0.34 0.00	19.63 -0.57 0.00	21.60 -0.60 0.00	29.04 -0.79 0.00	36.78 -0.81 0.00	38.56 -0.82 0.00	38.78 -0.86 0.00	34.73 -0.85 0.00
LINDEN COGEN____ 23786	28.09 1.32 -2.22	24.52 0.82 -6.91	16.42 0.72 0.00	15.98 0.68 0.00	14.81 0.63 0.00	22.80 0.92 0.00	26.54 1.02 0.00	28.17 1.13 0.00	26.82 1.02 0.00	29.69 1.11 0.00	31.02 1.32 0.00	24.17 1.28 0.00	18.67 1.13 0.00	10.32 0.68 0.00	4.99 0.38 0.00	-13.77 -1.07 0.00	21.96 1.76 0.00	24.07 1.87 0.00	32.13 2.29 0.00	40.21 2.61 0.00	42.31 2.92 0.00	42.59 2.96 0.00	38.25 2.67 0.00
LINDHRST_69_KV_BK1 356055	28.83 2.06 -2.22	25.02 1.32 -6.92	16.86 1.16 0.00	16.36 1.07 0.00	15.18 1.00 0.00	23.27 1.39 0.00	27.06 1.54 0.00	28.72 1.68 0.00	27.44 1.64 0.00	30.58 2.00 0.00	32.07 2.37 0.00	24.92 2.03 0.00	19.21 1.67 0.00	10.60 0.96 0.00	5.10 0.48 0.00	-14.08 -1.38 0.00	22.42 2.23 0.00	24.72 2.51 0.00	32.99 3.16 0.00	41.53 3.94 0.00	43.78 4.39 0.00	43.96 4.32 0.00	39.81 4.22 0.00
LIPA_MISC_IPP 23656	28.77 2.00 -2.22	24.99 1.29 -6.92	16.85 1.15 0.00	16.36 1.07 0.00	15.16 0.98 0.00	23.15 1.28 0.00	26.90 1.38 0.00	28.54 1.50 0.00	27.29 1.48 0.00	30.48 1.90 0.00	31.93 2.23 0.00	24.77 1.88 0.00	19.07 1.53 0.00	10.51 0.87 0.00	5.06 0.45 0.00	-14.04 -1.34 0.00	22.31 2.12 0.00	24.68 2.48 0.00	32.93 3.09 0.00	41.44 3.85 0.00	43.62 4.23 0.00	43.67 4.04 0.00	39.77 4.19 0.00
LISF____SOLAR	28.81	25.02	16.88	16.38	15.19	23.20	26.94	28.59	27.34	30.53	31.99	24.81	19.11	10.53	5.07	-14.06	22.34	24.72	32.99	41.53	43.72	43.76	39.81

323691	2.04 -2.22	1.32 -6.92	1.17 0.00	1.09 0.00	1.00 0.00	1.32 0.00	1.42 0.00	1.55 0.00	1.53 0.00	1.96 0.00	2.28 0.00	1.92 0.00	1.57 0.00	0.89 0.00	0.46 0.00	-1.36 0.00	2.15 0.00	2.52 0.00	3.16 0.00	3.94 0.00	4.32 0.00	4.13 0.00	4.22 0.00
LITTLE FALLS___HYD 24013	25.79 1.24 0.00	17.64 0.85 0.00	16.48 0.78 0.00	16.04 0.75 0.00	14.95 0.77 0.00	23.07 1.19 0.00	26.84 1.32 0.00	28.20 1.16 0.00	26.70 0.89 0.00	29.38 0.80 0.00	30.17 0.46 0.00	23.16 0.27 0.00	17.64 0.10 0.00	9.68 0.04 0.00	4.68 0.07 0.00	-12.57 0.13 0.00	20.18 -0.02 0.00	22.69 0.48 0.00	30.94 1.10 0.00	39.58 1.98 0.00	42.14 2.75 0.00	42.49 2.85 0.00	38.24 2.66 0.00
LITTLRIV_115KV_TB1 356100	24.49 -0.10 -0.03	16.83 -0.06 -0.10	15.65 -0.06 0.00	15.25 -0.04 0.00	14.13 -0.05 0.00	21.84 -0.03 0.00	25.55 0.03 0.00	27.13 0.09 0.00	25.93 0.12 0.00	28.51 -0.07 0.00	29.47 -0.23 0.00	22.58 -0.31 0.00	17.21 -0.34 0.00	9.42 -0.22 0.00	4.49 -0.12 0.00	-12.36 0.34 0.00	19.53 -0.67 0.00	21.49 -0.71 0.00	29.12 -0.71 0.00	37.08 -0.52 0.00	38.93 -0.46 0.00	39.06 -0.57 0.00	34.98 -0.59 0.00
LI_NEWBRDGE___DRP 323616	28.33 1.56 -2.22	24.68 0.98 -6.92	16.56 0.85 0.00	16.09 0.79 0.00	14.93 0.74 0.00	22.89 1.01 0.00	26.62 1.09 0.00	28.24 1.20 0.00	26.94 1.13 0.00	29.96 1.38 0.00	31.43 1.73 0.00	24.42 1.53 0.00	18.83 1.29 0.00	10.39 0.75 0.00	5.01 0.39 0.00	-13.83 -1.12 0.00	22.01 1.82 0.00	24.22 2.02 0.00	32.29 2.45 0.00	40.60 3.00 0.00	42.77 3.38 0.00	42.94 3.31 0.00	38.88 3.30 0.00
LOCKPORT_115KV_TB60_63_64 80432	23.22 -1.66 -0.34	16.71 -1.12 -1.05	14.83 -0.87 0.00	14.33 -0.96 0.00	13.33 -0.85 0.00	20.58 -1.30 0.00	24.29 -1.23 0.00	25.89 -1.15 0.00	24.60 -1.20 0.00	27.14 -1.44 0.00	28.18 -1.53 0.00	21.61 -1.28 0.00	16.57 -0.97 0.00	9.15 -0.50 0.00	4.35 -0.27 0.00	-12.61 0.09 0.00	19.30 -0.90 0.00	20.89 -1.31 0.00	27.91 -1.93 0.00	34.91 -2.68 0.00	36.29 -3.10 0.00	36.58 -3.06 0.00	32.68 -2.89 0.00
LOCKPORT___CC1 323769	23.23 -1.66 -0.34	16.73 -1.11 -1.06	14.83 -0.87 0.00	14.34 -0.96 0.00	13.33 -0.85 0.00	20.59 -1.29 0.00	24.29 -1.24 0.00	25.89 -1.15 0.00	24.60 -1.20 0.00	27.14 -1.44 0.00	28.19 -1.52 0.00	21.62 -1.27 0.00	16.58 -0.96 0.00	9.14 -0.50 0.00	4.35 -0.26 0.00	-12.61 0.10 0.00	19.30 -0.89 0.00	20.91 -1.29 0.00	27.94 -1.90 0.00	34.95 -2.65 0.00	36.33 -3.07 0.00	36.60 -3.03 0.00	32.69 -2.89 0.00
LOCKPORT___CC2 323770	23.23 -1.66 -0.34	16.73 -1.11 -1.06	14.83 -0.87 0.00	14.34 -0.96 0.00	13.33 -0.85 0.00	20.59 -1.29 0.00	24.29 -1.24 0.00	25.89 -1.15 0.00	24.60 -1.20 0.00	27.14 -1.44 0.00	28.19 -1.52 0.00	21.62 -1.27 0.00	16.58 -0.96 0.00	9.14 -0.50 0.00	4.35 -0.26 0.00	-12.61 0.10 0.00	19.30 -0.89 0.00	20.91 -1.29 0.00	27.94 -1.90 0.00	34.95 -2.65 0.00	36.33 -3.07 0.00	36.60 -3.03 0.00	32.69 -2.89 0.00
LOCKPORT___CC3 323771	23.23 -1.66 -0.34	16.73 -1.11 -1.06	14.83 -0.87 0.00	14.34 -0.96 0.00	13.33 -0.85 0.00	20.59 -1.29 0.00	24.29 -1.24 0.00	25.89 -1.15 0.00	24.60 -1.20 0.00	27.14 -1.44 0.00	28.19 -1.52 0.00	21.62 -1.27 0.00	16.58 -0.96 0.00	9.14 -0.50 0.00	4.35 -0.26 0.00	-12.61 0.10 0.00	19.30 -0.89 0.00	20.91 -1.29 0.00	27.94 -1.90 0.00	34.95 -2.65 0.00	36.33 -3.07 0.00	36.60 -3.03 0.00	32.69 -2.89 0.00
LOCUSVLY_69_KV_BK2 55797	28.50 1.73 -2.22	24.79 1.10 -6.92	16.67 0.96 0.00	16.19 0.90 0.00	15.02 0.84 0.00	23.06 1.18 0.00	26.83 1.31 0.00	28.47 1.43 0.00	27.17 1.37 0.00	30.20 1.62 0.00	31.65 1.95 0.00	24.59 1.71 0.00	18.97 1.43 0.00	10.47 0.82 0.00	5.05 0.43 0.00	-13.93 -1.23 0.00	22.20 2.00 0.00	24.43 2.23 0.00	32.58 2.75 0.00	40.93 3.34 0.00	43.10 3.71 0.00	43.31 3.68 0.00	39.10 3.51 0.00
LONG_LAKE_PHOENIX 24014	24.14 -0.60 -0.19	16.95 -0.42 -0.59	15.32 -0.39 0.00	14.91 -0.38 0.00	13.83 -0.35 0.00	21.34 -0.54 0.00	24.90 -0.62 0.00	26.41 -0.64 0.00	25.17 -0.63 0.00	27.89 -0.69 0.00	28.96 -0.74 0.00	22.31 -0.57 0.00	17.09 -0.45 0.00	9.38 -0.26 0.00	4.48 -0.13 0.00	-12.34 0.36 0.00	19.58 -0.62 0.00	21.51 -0.69 0.00	28.91 -0.93 0.00	36.50 -1.09 0.00	38.33 -1.06 0.00	38.57 -1.07 0.00	34.58 -1.00 0.00
LOVETT___3 23632	28.01 1.28 -2.19	24.40 0.80 -6.82	16.40 0.70 0.00	15.97 0.67 0.00	14.80 0.61 0.00	22.78 0.90 0.00	26.52 1.00 0.00	28.14 1.09 0.00	26.78 0.97 0.00	29.65 1.08 0.00	31.00 1.29 0.00	24.09 1.19 0.00	18.58 1.04 0.00	10.28 0.63 0.00	4.96 0.35 0.00	-13.66 -0.95 0.00	21.80 1.60 0.00	23.92 1.72 0.00	32.02 2.18 0.00	40.12 2.53 0.00	42.22 2.83 0.00	42.50 2.87 0.00	38.17 2.59 0.00
LOVETT___4 23642	28.01 1.28 -2.19	24.40 0.80 -6.82	16.40 0.70 0.00	15.97 0.67 0.00	14.80 0.61 0.00	22.78 0.90 0.00	26.52 1.00 0.00	28.14 1.09 0.00	26.78 0.97 0.00	29.65 1.08 0.00	31.00 1.29 0.00	24.09 1.19 0.00	18.58 1.04 0.00	10.28 0.63 0.00	4.96 0.35 0.00	-13.66 -0.95 0.00	21.80 1.60 0.00	23.92 1.72 0.00	32.02 2.18 0.00	40.12 2.53 0.00	42.22 2.83 0.00	42.50 2.87 0.00	38.17 2.59 0.00
LOVETT___5 23593	28.01 1.28 -2.19	24.40 0.80 -6.82	16.40 0.70 0.00	15.97 0.67 0.00	14.80 0.61 0.00	22.78 0.90 0.00	26.52 1.00 0.00	28.14 1.09 0.00	26.78 0.97 0.00	29.65 1.08 0.00	31.00 1.29 0.00	24.09 1.19 0.00	18.58 1.04 0.00	10.28 0.63 0.00	4.96 0.35 0.00	-13.66 -0.95 0.00	21.80 1.60 0.00	23.92 1.72 0.00	32.02 2.18 0.00	40.12 2.53 0.00	42.22 2.83 0.00	42.50 2.87 0.00	38.17 2.59 0.00
LOWER RAQUET___HYD 24057	24.21 -0.38 -0.04	16.64 -0.25 -0.11	15.47 -0.24 0.00	15.08 -0.21 0.00	13.98 -0.21 0.00	21.60 -0.28 0.00	25.24 -0.28 0.00	26.83 -0.21 0.00	25.62 -0.18 0.00	28.17 -0.41 0.00	29.16 -0.54 0.00	22.39 -0.50 0.00	17.07 -0.46 0.00	9.35 -0.29 0.00	4.46 -0.16 0.00	-12.26 0.44 0.00	19.35 -0.84 0.00	21.30 -0.90 0.00	28.92 -0.91 0.00	36.69 -0.90 0.00	38.39 -1.01 0.00	38.49 -1.15 0.00	34.48 -1.09 0.00
LOWER___HUDSON 24059	28.16 1.04 -2.57	25.47 0.69 -8.00	16.34 0.64 0.00	15.91 0.62 0.00	14.76 0.58 0.00	22.72 0.84 0.00	26.43 0.91 0.00	27.90 0.86 0.00	26.52 0.72 0.00	29.41 0.83 0.00	30.52 0.81 0.00	23.51 0.62 0.00	18.00 0.46 0.00	9.94 0.29 0.00	4.77 0.16 0.00	-12.98 -0.28 0.00	20.80 0.60 0.00	22.99 0.78 0.00	30.88 1.04 0.00	38.90 1.30 0.00	40.98 1.59 0.00	41.33 1.70 0.00	37.22 1.64 0.00
LOWVILLE_115KV_TB2	24.58	17.03	15.71	15.41	14.33	22.07	25.65	27.31	25.96	28.69	29.64	22.76	17.32	9.39	4.46	-12.33	19.63	21.71	29.28	37.52	39.10	38.92	34.78

356335	-0.07 -0.10	-0.06 -0.31	0.01 0.00	0.11 0.00	0.14 0.00	0.20 0.00	0.12 0.00	0.26 0.00	0.15 0.00	0.11 0.00	-0.07 0.00	-0.13 0.00	-0.22 0.00	-0.25 0.00	-0.16 0.00	0.38 0.00	-0.57 0.00	-0.49 0.00	-0.55 0.00	-0.08 0.00	-0.29 0.00	-0.72 0.00	-0.81 0.00
LUTHERFT_115KV_GLOB_FND_222 355753	28.50 1.35 -2.60	25.77 0.89 -8.09	16.53 0.83 0.00	16.10 0.80 0.00	14.94 0.76 0.00	23.00 1.12 0.00	26.78 1.25 0.00	28.31 1.26 0.00	26.93 1.12 0.00	29.85 1.27 0.00	30.90 1.19 0.00	23.77 0.88 0.00	18.15 0.61 0.00	10.00 0.35 0.00	4.80 0.19 0.00	-13.09 -0.38 0.00	20.98 0.79 0.00	23.27 1.07 0.00	31.40 1.56 0.00	39.64 2.04 0.00	41.73 2.33 0.00	42.06 2.42 0.00	37.75 2.17 0.00
LUTHERNY_35_KV_BK2 355980	28.53 1.38 -2.60	25.79 0.91 -8.09	16.55 0.84 0.00	16.11 0.81 0.00	14.95 0.77 0.00	23.03 1.15 0.00	26.81 1.29 0.00	28.34 1.30 0.00	26.96 1.16 0.00	29.88 1.30 0.00	30.93 1.23 0.00	23.80 0.91 0.00	18.17 0.63 0.00	10.01 0.36 0.00	4.81 0.20 0.00	-13.10 -0.40 0.00	21.01 0.81 0.00	23.29 1.09 0.00	31.45 1.62 0.00	39.71 2.11 0.00	41.78 2.39 0.00	42.12 2.48 0.00	37.83 2.24 0.00
LWR__OSWEGATCHIE_HYD 23850	24.25 -0.37 -0.07	16.73 -0.27 -0.21	15.49 -0.22 0.00	15.13 -0.16 0.00	14.05 -0.14 0.00	21.68 -0.20 0.00	25.27 -0.26 0.00	26.87 -0.17 0.00	25.61 -0.20 0.00	28.20 -0.38 0.00	29.14 -0.57 0.00	22.39 -0.50 0.00	17.04 -0.50 0.00	9.28 -0.36 0.00	4.41 -0.20 0.00	-12.17 0.54 0.00	19.29 -0.91 0.00	21.28 -0.92 0.00	28.80 -1.04 0.00	36.72 -0.87 0.00	38.37 -1.02 0.00	38.36 -1.27 0.00	34.34 -1.24 0.00
LYONS_FALL_HYD 23570	24.82 0.17 -0.10	17.20 0.11 -0.30	15.84 0.14 0.00	15.50 0.21 0.00	14.40 0.22 0.00	22.20 0.32 0.00	25.84 0.32 0.00	27.47 0.42 0.00	26.15 0.34 0.00	28.91 0.34 0.00	29.95 0.24 0.00	23.01 0.12 0.00	17.54 0.00 0.00	9.54 -0.10 0.00	4.53 -0.08 0.00	-12.51 0.19 0.00	19.91 -0.28 0.00	21.99 -0.20 0.00	29.70 -0.13 0.00	37.94 0.35 0.00	39.65 0.26 0.00	39.60 -0.04 0.00	35.41 -0.17 0.00
MADISON__COUNTY_LFGE 323628	25.21 0.52 -0.14	17.59 0.36 -0.45	16.04 0.33 0.00	15.62 0.33 0.00	14.50 0.31 0.00	22.35 0.47 0.00	26.08 0.56 0.00	27.65 0.61 0.00	26.35 0.54 0.00	29.16 0.58 0.00	30.32 0.61 0.00	23.32 0.43 0.00	17.86 0.32 0.00	9.77 0.13 0.00	4.65 0.04 0.00	-12.78 -0.07 0.00	20.33 0.13 0.00	22.40 0.20 0.00	30.24 0.40 0.00	38.45 0.86 0.00	40.47 1.08 0.00	40.66 1.03 0.00	36.40 0.82 0.00
MALONE__115KV_TB1 356076	24.44 -0.11 0.00	16.72 -0.06 0.00	15.65 -0.06 0.00	15.25 -0.04 0.00	14.13 -0.06 0.00	21.84 -0.04 0.00	25.53 0.01 0.00	27.10 0.06 0.00	25.90 0.10 0.00	28.61 0.03 0.00	29.71 0.00 0.00	22.78 -0.11 0.00	17.37 -0.17 0.00	9.55 -0.10 0.00	4.55 -0.07 0.00	-12.53 0.18 0.00	19.81 -0.39 0.00	21.78 -0.42 0.00	29.43 -0.41 0.00	37.34 -0.25 0.00	39.08 -0.32 0.00	39.16 -0.48 0.00	35.12 -0.45 0.00
MAPLEWOD_115KV_TB3 80458	28.12 1.02 -2.54	25.39 0.67 -7.93	16.32 0.62 0.00	15.89 0.60 0.00	14.74 0.55 0.00	22.70 0.83 0.00	26.40 0.88 0.00	27.89 0.85 0.00	26.46 0.66 0.00	29.33 0.76 0.00	30.51 0.80 0.00	23.53 0.64 0.00	18.02 0.48 0.00	9.93 0.29 0.00	4.77 0.16 0.00	-13.02 -0.31 0.00	20.78 0.58 0.00	22.93 0.73 0.00	30.76 0.92 0.00	38.72 1.13 0.00	40.78 1.39 0.00	41.13 1.49 0.00	37.07 1.49 0.00
MAPLE_RIDGE_WT_1 323574	24.26 -0.29 0.00	16.60 -0.19 0.00	15.54 -0.16 0.00	15.20 -0.10 0.00	14.10 -0.08 0.00	21.75 -0.12 0.00	25.37 -0.15 0.00	26.97 -0.07 0.00	25.72 -0.08 0.00	28.50 -0.08 0.00	29.61 -0.09 0.00	22.78 -0.11 0.00	17.45 -0.09 0.00	9.57 -0.07 0.00	4.57 -0.04 0.00	-12.63 0.07 0.00	20.10 -0.10 0.00	22.11 -0.10 0.00	29.72 -0.12 0.00	37.49 -0.10 0.00	39.14 -0.25 0.00	39.25 -0.38 0.00	35.16 -0.42 0.00
MAPLE_RIDGE_WT_2 323611	24.26 -0.29 0.00	16.60 -0.19 0.00	15.54 -0.16 0.00	15.20 -0.10 0.00	14.10 -0.08 0.00	21.75 -0.12 0.00	25.37 -0.15 0.00	26.97 -0.07 0.00	25.72 -0.08 0.00	28.50 -0.08 0.00	29.61 -0.09 0.00	22.78 -0.11 0.00	17.45 -0.09 0.00	9.57 -0.07 0.00	4.57 -0.04 0.00	-12.63 0.07 0.00	20.10 -0.10 0.00	22.11 -0.10 0.00	29.72 -0.12 0.00	37.49 -0.10 0.00	39.14 -0.25 0.00	39.25 -0.38 0.00	35.16 -0.42 0.00
MARBLE_RIVER_WT_PWR 323696	24.33 -0.22 0.00	16.68 -0.10 0.00	15.61 -0.09 0.00	15.21 -0.08 0.00	14.09 -0.09 0.00	21.78 -0.10 0.00	25.46 -0.06 0.00	26.98 -0.06 0.00	25.78 -0.03 0.00	28.51 -0.07 0.00	29.61 -0.09 0.00	22.71 -0.18 0.00	17.36 -0.19 0.00	9.55 -0.10 0.00	4.55 -0.06 0.00	-12.57 0.13 0.00	19.92 -0.27 0.00	21.89 -0.31 0.00	29.51 -0.33 0.00	37.30 -0.29 0.00	39.01 -0.38 0.00	39.08 -0.55 0.00	35.09 -0.50 0.00
MARSHVLE_115KV_TB1 80742	28.12 0.68 -2.88	26.25 0.47 -8.99	16.18 0.47 0.00	15.76 0.46 0.00	14.64 0.46 0.00	22.64 0.76 0.00	26.48 0.96 0.00	28.01 0.97 0.00	26.71 0.91 0.00	29.44 0.86 0.00	30.28 0.57 0.00	23.29 0.40 0.00	17.77 0.23 0.00	9.72 0.07 0.00	4.65 0.03 0.00	-12.70 0.01 0.00	20.15 -0.05 0.00	22.16 -0.05 0.00	30.05 0.21 0.00	38.62 1.02 0.00	40.89 1.50 0.00	41.16 1.52 0.00	36.83 1.26 0.00
MARSH_HILL_WT_PWR 323713	23.80 -1.20 -0.45	17.46 -0.74 -1.41	15.14 -0.57 0.00	14.77 -0.53 0.00	13.80 -0.38 0.00	21.45 -0.43 0.00	25.27 -0.25 0.00	27.03 -0.01 0.00	25.73 -0.07 0.00	28.46 -0.12 0.00	29.53 -0.17 0.00	22.46 -0.43 0.00	17.05 -0.49 0.00	9.25 -0.39 0.00	4.39 -0.22 0.00	-12.47 0.23 0.00	19.48 -0.71 0.00	21.43 -0.77 0.00	29.23 -0.61 0.00	37.46 -0.13 0.00	39.52 0.13 0.00	39.82 0.19 0.00	35.40 -0.18 0.00
MCINTYRE_115KV_TB2 80467	24.70 0.15 0.00	16.89 0.11 0.00	15.80 0.09 0.00	15.40 0.10 0.00	14.26 0.08 0.00	22.05 0.18 0.00	25.80 0.27 0.00	27.39 0.35 0.00	26.18 0.38 0.00	28.82 0.24 0.00	29.77 0.06 0.00	22.77 -0.12 0.00	17.35 -0.20 0.00	9.51 -0.13 0.00	4.52 -0.09 0.00	-12.48 0.22 0.00	19.74 -0.46 0.00	21.71 -0.49 0.00	29.37 -0.47 0.00	37.43 -0.17 0.00	39.42 0.02 0.00	39.58 -0.06 0.00	35.44 -0.13 0.00
MECO____69_KV_BK1 80468	28.58 1.25 -2.78	26.28 0.84 -8.66	16.49 0.79 0.00	16.06 0.76 0.00	14.92 0.73 0.00	23.05 1.16 0.00	26.93 1.41 0.00	28.45 1.41 0.00	27.10 1.30 0.00	29.83 1.25 0.00	30.64 0.94 0.00	23.49 0.60 0.00	17.88 0.34 0.00	9.77 0.13 0.00	4.68 0.07 0.00	-12.75 -0.05 0.00	20.31 0.11 0.00	22.41 0.20 0.00	30.60 0.76 0.00	39.48 1.89 0.00	41.91 2.52 0.00	42.18 2.54 0.00	37.76 2.18 0.00
MENANDS__115KV_TB5	28.03	25.32	16.28	15.85	14.70	22.64	26.31	27.79	26.35	29.21	30.41	23.46	17.97	9.91	4.76	-12.98	20.73	22.86	30.62	38.51	40.57	40.90	36.89

355628	0.94 -2.54	0.62 -7.92	0.57 0.00	0.55 0.00	0.52 0.00	0.76 0.00	0.79 0.00	0.75 0.00	0.55 0.00	0.64 0.00	0.70 0.00	0.57 0.00	0.43 0.00	0.27 0.00	0.15 0.00	-0.28 0.00	0.54 0.00	0.66 0.00	0.78 0.00	0.92 0.00	1.18 0.00	1.27 0.00	1.32 0.00
MG INDUSTRY___DRP 24185	27.95 0.89 -2.50	25.17 0.60 -7.79	16.26 0.56 0.00	15.84 0.54 0.00	14.69 0.51 0.00	22.64 0.76 0.00	26.35 0.82 0.00	27.84 0.80 0.00	26.41 0.61 0.00	29.24 0.66 0.00	30.43 0.72 0.00	23.46 0.57 0.00	17.93 0.39 0.00	9.87 0.22 0.00	4.73 0.12 0.00	-13.03 -0.32 0.00	20.66 0.47 0.00	22.75 0.55 0.00	30.58 0.75 0.00	38.58 0.99 0.00	40.63 1.24 0.00	40.97 1.33 0.00	36.89 1.32 0.00
MID___OSWEGATCHIE_HYD 23849	24.25 -0.37 -0.07	16.73 -0.27 -0.21	15.49 -0.22 0.00	15.13 -0.16 0.00	14.05 -0.14 0.00	21.68 -0.20 0.00	25.27 -0.26 0.00	26.87 -0.17 0.00	25.61 -0.20 0.00	28.20 -0.38 0.00	29.14 -0.57 0.00	22.39 -0.50 0.00	17.04 -0.50 0.00	9.28 -0.36 0.00	4.41 -0.20 0.00	-12.17 0.54 0.00	19.29 -0.91 0.00	21.28 -0.92 0.00	28.80 -1.04 0.00	36.72 -0.87 0.00	38.37 -1.02 0.00	38.36 -1.27 0.00	34.34 -1.24 0.00
MID___RAQUETTE_HYD 23851	24.21 -0.38 -0.04	16.64 -0.25 -0.11	15.47 -0.24 0.00	15.08 -0.21 0.00	13.98 -0.21 0.00	21.60 -0.28 0.00	25.24 -0.28 0.00	26.83 -0.21 0.00	25.62 -0.18 0.00	28.16 -0.41 0.00	29.16 -0.54 0.00	22.39 -0.50 0.00	17.08 -0.46 0.00	9.35 -0.29 0.00	4.46 -0.15 0.00	-12.26 0.44 0.00	19.35 -0.84 0.00	21.30 -0.90 0.00	28.92 -0.91 0.00	36.69 -0.90 0.00	38.39 -1.01 0.00	38.49 -1.15 0.00	34.48 -1.09 0.00
MILLIKEN___1 23584	25.26 0.24 -0.47	18.41 0.17 -1.45	15.88 0.17 0.00	15.47 0.17 0.00	14.36 0.18 0.00	22.18 0.30 0.00	25.90 0.38 0.00	27.45 0.41 0.00	26.10 0.30 0.00	28.88 0.30 0.00	30.01 0.30 0.00	23.06 0.17 0.00	17.68 0.14 0.00	9.69 0.05 0.00	4.60 -0.01 0.00	-12.69 0.02 0.00	20.15 -0.04 0.00	22.21 0.01 0.00	30.06 0.22 0.00	38.22 0.63 0.00	40.28 0.88 0.00	40.55 0.91 0.00	36.25 0.68 0.00
MILLIKEN___2 23585	25.26 0.24 -0.47	18.41 0.17 -1.45	15.88 0.17 0.00	15.47 0.17 0.00	14.36 0.18 0.00	22.18 0.30 0.00	25.90 0.38 0.00	27.45 0.41 0.00	26.10 0.30 0.00	28.88 0.30 0.00	30.01 0.30 0.00	23.06 0.17 0.00	17.68 0.14 0.00	9.69 0.05 0.00	4.60 -0.01 0.00	-12.69 0.02 0.00	20.15 -0.04 0.00	22.21 0.01 0.00	30.06 0.22 0.00	38.22 0.63 0.00	40.28 0.88 0.00	40.55 0.91 0.00	36.25 0.68 0.00
MILLIKEN___DIESEL 23629	25.26 0.24 -0.47	18.41 0.17 -1.45	15.88 0.17 0.00	15.47 0.17 0.00	14.36 0.18 0.00	22.18 0.30 0.00	25.90 0.38 0.00	27.45 0.41 0.00	26.10 0.30 0.00	28.88 0.30 0.00	30.01 0.30 0.00	23.06 0.17 0.00	17.68 0.14 0.00	9.69 0.05 0.00	4.60 -0.01 0.00	-12.69 0.02 0.00	20.15 -0.04 0.00	22.21 0.01 0.00	30.06 0.22 0.00	38.22 0.63 0.00	40.28 0.88 0.00	40.55 0.91 0.00	36.25 0.68 0.00
MILLSEAT___LFGE 323607	23.74 -1.14 -0.32	17.02 -0.77 -1.01	15.14 -0.57 0.00	14.63 -0.66 0.00	13.61 -0.57 0.00	21.02 -0.86 0.00	24.77 -0.75 0.00	26.41 -0.64 0.00	25.09 -0.71 0.00	27.67 -0.91 0.00	28.69 -1.02 0.00	21.97 -0.92 0.00	16.76 -0.79 0.00	9.27 -0.37 0.00	4.38 -0.23 0.00	-12.62 0.09 0.00	19.40 -0.79 0.00	21.10 -1.10 0.00	28.29 -1.54 0.00	35.74 -1.86 0.00	37.40 -1.99 0.00	37.70 -1.94 0.00	33.65 -1.93 0.00
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	28.08 1.32 -2.21	24.52 0.84 -6.90	16.44 0.74 0.00	16.00 0.71 0.00	14.83 0.65 0.00	22.83 0.95 0.00	26.57 1.05 0.00	28.19 1.15 0.00	26.83 1.03 0.00	29.73 1.15 0.00	31.08 1.37 0.00	24.15 1.26 0.00	18.63 1.09 0.00	10.30 0.65 0.00	4.97 0.36 0.00	-13.68 -0.97 0.00	21.83 1.64 0.00	23.96 1.76 0.00	32.06 2.22 0.00	40.19 2.59 0.00	42.29 2.90 0.00	42.57 2.94 0.00	38.21 2.63 0.00
MILLWOOD_13_KV_LOAD 356217	28.12 1.36 -2.21	24.54 0.86 -6.90	16.46 0.76 0.00	16.02 0.73 0.00	14.85 0.67 0.00	22.86 0.98 0.00	26.61 1.09 0.00	28.24 1.19 0.00	26.88 1.07 0.00	29.77 1.19 0.00	31.12 1.42 0.00	24.19 1.30 0.00	18.66 1.12 0.00	10.31 0.66 0.00	4.97 0.36 0.00	-13.69 -0.98 0.00	21.86 1.67 0.00	24.00 1.80 0.00	32.12 2.28 0.00	40.27 2.68 0.00	42.39 2.99 0.00	42.65 3.01 0.00	38.32 2.73 0.00
MODEL_CITY_ENERGY 24167	22.99 -1.91 -0.34	16.57 -1.28 -1.07	14.69 -1.02 0.00	14.20 -1.10 0.00	13.21 -0.98 0.00	20.38 -1.50 0.00	24.06 -1.46 0.00	25.64 -1.40 0.00	24.37 -1.43 0.00	26.88 -1.69 0.00	27.92 -1.79 0.00	21.42 -1.47 0.00	16.44 -1.10 0.00	9.07 -0.58 0.00	4.32 -0.29 0.00	-12.55 0.16 0.00	19.17 -1.03 0.00	20.70 -1.50 0.00	27.60 -2.24 0.00	34.46 -3.13 0.00	35.79 -3.60 0.00	36.07 -3.56 0.00	32.26 -3.32 0.00
MODERN_LFGE___ 323580	22.99 -1.91 -0.34	16.57 -1.28 -1.07	14.69 -1.02 0.00	14.20 -1.10 0.00	13.21 -0.98 0.00	20.38 -1.50 0.00	24.06 -1.46 0.00	25.64 -1.40 0.00	24.37 -1.43 0.00	26.88 -1.69 0.00	27.92 -1.79 0.00	21.42 -1.47 0.00	16.44 -1.10 0.00	9.07 -0.58 0.00	4.32 -0.29 0.00	-12.55 0.16 0.00	19.17 -1.03 0.00	20.70 -1.50 0.00	27.60 -2.24 0.00	34.46 -3.13 0.00	35.79 -3.60 0.00	36.07 -3.56 0.00	32.26 -3.32 0.00
MOHAWK_PAPER___DRP 24187	28.12 1.02 -2.54	25.39 0.67 -7.93	16.32 0.62 0.00	15.89 0.60 0.00	14.74 0.55 0.00	22.70 0.83 0.00	26.40 0.88 0.00	27.89 0.85 0.00	26.46 0.66 0.00	29.33 0.76 0.00	30.51 0.80 0.00	23.53 0.64 0.00	18.02 0.48 0.00	9.93 0.29 0.00	4.77 0.16 0.00	-13.02 -0.31 0.00	20.78 0.58 0.00	22.93 0.73 0.00	30.76 0.92 0.00	38.72 1.13 0.00	40.78 1.39 0.00	41.13 1.49 0.00	37.07 1.49 0.00
MOHICAN___35_KV_115KV_LD 80490	28.95 1.80 -2.60	26.06 1.17 -8.10	16.80 1.09 0.00	16.38 1.08 0.00	15.22 1.03 0.00	23.35 1.47 0.00	27.15 1.63 0.00	28.71 1.67 0.00	27.33 1.52 0.00	30.31 1.73 0.00	31.27 1.56 0.00	23.96 1.08 0.00	18.23 0.69 0.00	10.02 0.37 0.00	4.83 0.21 0.00	-13.09 -0.39 0.00	21.12 0.93 0.00	23.58 1.38 0.00	31.92 2.08 0.00	40.33 2.74 0.00	42.47 3.08 0.00	42.88 3.25 0.00	38.39 2.81 0.00
MONGAUP___HYD 23641	28.01 1.35 -2.12	24.24 0.86 -6.59	16.47 0.77 0.00	16.03 0.74 0.00	14.87 0.68 0.00	22.88 1.01 0.00	26.64 1.12 0.00	28.23 1.19 0.00	26.86 1.05 0.00	29.68 1.10 0.00	30.97 1.26 0.00	23.89 1.00 0.00	18.36 0.82 0.00	10.13 0.49 0.00	4.88 0.27 0.00	-13.43 -0.73 0.00	21.43 1.24 0.00	23.56 1.35 0.00	31.60 1.76 0.00	40.09 2.49 0.00	42.34 2.94 0.00	42.64 3.01 0.00	38.25 2.67 0.00
MONTAUK___DIESEL	28.97	25.17	17.11	16.65	15.25	22.91	26.47	28.13	27.13	30.35	31.67	24.72	18.93	10.46	5.06	-14.01	22.34	24.91	33.51	42.32	44.28	43.82	40.12

23721	2.20 -2.22	1.47 -6.92	1.41 0.00	1.35 0.00	1.07 0.00	1.03 0.00	0.95 0.00	1.08 0.00	1.32 0.00	1.77 0.00	1.97 0.00	1.83 0.00	1.39 0.00	0.82 0.00	0.45 0.00	-1.30 0.00	2.15 0.00	2.71 0.00	3.67 0.00	4.73 0.00	4.89 0.00	4.18 0.00	4.54 0.00
MOONROAD_115KV_HARTFLD_TB1-2 355988	23.62 -1.32 -0.39	17.08 -0.92 -1.22	15.07 -0.63 0.00	14.72 -0.58 0.00	13.70 -0.48 0.00	21.26 -0.62 0.00	24.99 -0.53 0.00	26.67 -0.37 0.00	25.22 -0.58 0.00	27.95 -0.63 0.00	29.02 -0.68 0.00	22.14 -0.75 0.00	17.01 -0.53 0.00	9.37 -0.28 0.00	4.46 -0.15 0.00	-12.73 -0.03 0.00	19.90 -0.30 0.00	21.65 -0.55 0.00	29.12 -0.72 0.00	36.56 -1.04 0.00	38.22 -1.18 0.00	38.55 -1.09 0.00	34.12 -1.46 0.00
MORRIS_RIDGE___SOLAR 323848	23.83 -1.16 -0.43	17.37 -0.76 -1.34	15.08 -0.62 0.00	14.66 -0.63 0.00	13.66 -0.52 0.00	21.22 -0.66 0.00	24.97 -0.55 0.00	26.66 -0.38 0.00	25.29 -0.52 0.00	27.91 -0.67 0.00	28.96 -0.75 0.00	22.02 -0.87 0.00	16.77 -0.76 0.00	9.16 -0.48 0.00	4.36 -0.26 0.00	-12.38 0.33 0.00	19.33 -0.86 0.00	21.16 -1.05 0.00	28.67 -1.17 0.00	36.57 -1.02 0.00	38.49 -0.90 0.00	38.79 -0.85 0.00	34.51 -1.08 0.00
MORTIMER_115KV_TB3 55949	24.24 -0.59 -0.27	17.22 -0.41 -0.85	15.38 -0.32 0.00	14.92 -0.38 0.00	13.86 -0.33 0.00	21.39 -0.49 0.00	25.08 -0.45 0.00	26.69 -0.35 0.00	25.41 -0.40 0.00	28.11 -0.47 0.00	29.21 -0.49 0.00	22.43 -0.46 0.00	17.15 -0.39 0.00	9.38 -0.27 0.00	4.48 -0.13 0.00	-12.64 0.07 0.00	19.79 -0.41 0.00	21.71 -0.49 0.00	29.22 -0.62 0.00	36.82 -0.77 0.00	38.49 -0.90 0.00	38.73 -0.90 0.00	34.58 -1.00 0.00
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	28.20 1.43 -2.22	24.61 0.91 -6.92	16.50 0.79 0.00	16.06 0.76 0.00	14.88 0.70 0.00	22.91 1.03 0.00	26.67 1.15 0.00	28.30 1.25 0.00	26.94 1.14 0.00	29.83 1.26 0.00	31.18 1.47 0.00	24.28 1.39 0.00	18.75 1.21 0.00	10.36 0.72 0.00	5.00 0.39 0.00	-13.80 -1.09 0.00	22.01 1.82 0.00	24.15 1.95 0.00	32.25 2.41 0.00	40.36 2.77 0.00	42.49 3.09 0.00	42.76 3.12 0.00	38.39 2.81 0.00
MUNSVILLE_WIND_PWR 323609	26.16 0.88 -0.73	19.52 0.47 -2.27	16.34 0.63 0.00	16.01 0.72 0.00	14.96 0.78 0.00	23.11 1.23 0.00	27.07 1.55 0.00	28.80 1.76 0.00	27.40 1.60 0.00	30.29 1.72 0.00	31.37 1.66 0.00	24.01 1.12 0.00	18.22 0.68 0.00	10.03 0.38 0.00	4.71 0.10 0.00	-13.03 -0.33 0.00	20.44 0.25 0.00	22.62 0.42 0.00	31.10 1.27 0.00	40.32 2.73 0.00	42.69 3.30 0.00	42.84 3.20 0.00	38.25 2.67 0.00
N SALMON___HYD 24042	24.44 -0.11 0.00	16.72 -0.06 0.00	15.65 -0.06 0.00	15.25 -0.04 0.00	14.13 -0.06 0.00	21.84 -0.04 0.00	25.53 0.01 0.00	27.10 0.06 0.00	25.90 0.10 0.00	28.61 0.03 0.00	29.71 0.00 0.00	22.78 -0.11 0.00	17.37 -0.17 0.00	9.55 -0.10 0.00	4.55 -0.07 0.00	-12.53 0.18 0.00	19.81 -0.39 0.00	21.78 -0.42 0.00	29.43 -0.41 0.00	37.34 -0.25 0.00	39.08 -0.31 0.00	39.16 -0.47 0.00	35.12 -0.45 0.00
N.AKRON__115KV_KNAPP 355671	23.60 -1.28 -0.33	16.95 -0.86 -1.02	15.07 -0.64 0.00	14.56 -0.73 0.00	13.54 -0.64 0.00	20.91 -0.97 0.00	24.66 -0.86 0.00	26.28 -0.76 0.00	24.99 -0.82 0.00	27.53 -1.05 0.00	28.57 -1.14 0.00	21.89 -0.99 0.00	16.73 -0.81 0.00	9.39 -0.25 0.00	4.38 -0.23 0.00	-12.65 0.06 0.00	19.41 -0.78 0.00	21.08 -1.12 0.00	28.24 -1.60 0.00	35.53 -2.06 0.00	37.10 -2.30 0.00	37.39 -2.24 0.00	33.37 -2.22 0.00
N.BELMOR_69_KV_BK1 55787	28.50 1.73 -2.22	24.78 1.08 -6.92	16.65 0.95 0.00	16.18 0.88 0.00	15.00 0.82 0.00	23.02 1.14 0.00	26.78 1.26 0.00	28.43 1.39 0.00	27.13 1.33 0.00	30.17 1.60 0.00	31.66 1.95 0.00	24.60 1.71 0.00	18.96 1.42 0.00	10.47 0.82 0.00	5.04 0.43 0.00	-13.92 -1.22 0.00	22.16 1.97 0.00	24.39 2.18 0.00	32.55 2.71 0.00	40.92 3.33 0.00	43.12 3.73 0.00	43.30 3.67 0.00	39.17 3.58 0.00
N.E_GEN_SANDY PD 24062	30.92 1.09 -5.28	24.96 0.71 -7.47	16.35 0.65 0.00	17.26 0.64 -1.33	14.77 0.59 0.00	22.75 0.87 0.00	26.45 0.93 0.00	27.93 0.89 0.00	26.55 0.74 0.00	29.47 0.89 0.00	30.65 0.94 0.00	23.68 0.80 0.00	18.19 0.65 0.00	10.06 0.42 0.00	-1.08 0.22 5.92	-25.02 -0.45 11.86	24.65 0.92 -3.54	23.25 1.05 0.00	30.33 1.31 0.82	36.58 1.56 2.58	44.10 1.92 -2.78	47.90 2.03 -6.24	47.92 1.96 -10.38
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	28.06 1.32 -2.18	24.41 0.83 -6.80	16.44 0.73 0.00	16.00 0.71 0.00	14.83 0.64 0.00	22.82 0.95 0.00	26.57 1.05 0.00	28.20 1.16 0.00	26.83 1.02 0.00	29.72 1.14 0.00	31.08 1.37 0.00	24.14 1.25 0.00	18.62 1.08 0.00	10.30 0.65 0.00	4.97 0.36 0.00	-13.69 -0.99 0.00	21.87 1.67 0.00	24.00 1.80 0.00	32.13 2.30 0.00	40.27 2.67 0.00	42.35 2.96 0.00	42.64 3.00 0.00	38.28 2.70 0.00
N.QUEENS_27_KV_LOAD 356247	28.23 1.46 -2.22	24.61 0.91 -6.91	16.50 0.80 0.00	16.05 0.76 0.00	14.88 0.69 0.00	22.90 1.03 0.00	26.66 1.13 0.00	28.26 1.22 0.00	26.93 1.12 0.00	29.76 1.19 0.00	31.08 1.38 0.00	24.24 1.34 0.00	18.68 1.15 0.01	10.32 0.69 0.01	4.98 0.38 0.01	-13.77 -1.06 0.01	21.97 1.78 0.00	24.10 1.90 0.00	32.17 2.33 0.00	40.29 2.71 0.01	42.42 3.04 0.01	42.72 3.10 0.01	38.31 2.74 0.01
N.TROY___115KV_TB1 355778	28.16 1.04 -2.57	25.47 0.69 -8.00	16.34 0.64 0.00	15.91 0.62 0.00	14.76 0.57 0.00	22.72 0.84 0.00	26.43 0.91 0.00	27.90 0.86 0.00	26.52 0.72 0.00	29.41 0.83 0.00	30.52 0.82 0.00	23.51 0.62 0.00	18.00 0.46 0.00	9.94 0.29 0.00	4.77 0.16 0.00	-12.98 -0.28 0.00	20.80 0.60 0.00	22.99 0.78 0.00	30.88 1.04 0.00	38.90 1.30 0.00	40.98 1.59 0.00	41.33 1.70 0.00	37.21 1.64 0.00
NARROWS_GT1_1 24228	28.28 1.51 -2.22	24.64 0.95 -6.91	16.53 0.83 0.00	16.08 0.79 0.00	14.91 0.73 0.00	22.95 1.07 0.00	26.72 1.20 0.00	28.36 1.32 0.00	27.03 1.22 0.00	29.90 1.32 0.00	31.25 1.54 0.00	24.36 1.47 0.00	18.81 1.27 0.00	10.41 0.76 0.00	5.03 0.42 0.00	-13.88 -1.17 0.00	22.14 1.95 0.00	24.28 2.08 0.00	32.39 2.55 0.00	40.58 2.99 0.00	42.73 3.34 0.00	42.99 3.35 0.00	38.57 2.99 0.00
NARROWS_GT1_2 24229	28.28 1.51 -2.22	24.64 0.95 -6.91	16.53 0.83 0.00	16.08 0.79 0.00	14.91 0.73 0.00	22.95 1.07 0.00	26.72 1.20 0.00	28.36 1.32 0.00	27.03 1.22 0.00	29.90 1.32 0.00	31.25 1.54 0.00	24.36 1.47 0.00	18.81 1.27 0.00	10.41 0.76 0.00	5.03 0.42 0.00	-13.88 -1.17 0.00	22.14 1.95 0.00	24.28 2.08 0.00	32.39 2.55 0.00	40.58 2.99 0.00	42.73 3.34 0.00	42.99 3.35 0.00	38.57 2.99 0.00
NARROWS_GT1_3	28.28	24.64	16.53	16.08	14.91	22.95	26.72	28.36	27.03	29.90	31.25	24.36	18.81	10.41	5.03	-13.88	22.14	24.28	32.39	40.58	42.73	42.99	38.57

24230	1.51 -2.22	0.95 -6.91	0.83 0.00	0.79 0.00	0.73 0.00	1.07 0.00	1.20 0.00	1.32 0.00	1.22 0.00	1.32 0.00	1.54 0.00	1.47 0.00	1.27 0.00	0.76 0.00	0.42 0.00	-1.17 0.00	1.95 0.00	2.08 0.00	2.55 0.00	2.99 0.00	3.34 0.00	3.35 0.00	2.99 0.00
NARROWS_GT1_4 24231	28.28 1.51 -2.22	24.64 0.95 -6.91	16.53 0.83 0.00	16.08 0.79 0.00	14.91 0.73 0.00	22.95 1.07 0.00	26.72 1.20 0.00	28.36 1.32 0.00	27.03 1.22 0.00	29.90 1.32 0.00	31.25 1.54 0.00	24.36 1.47 0.00	18.81 1.27 0.00	10.41 0.76 0.00	5.03 0.42 0.00	-13.88 -1.17 0.00	22.14 1.95 0.00	24.28 2.08 0.00	32.39 2.55 0.00	40.58 2.99 0.00	42.73 3.34 0.00	42.99 3.35 0.00	38.57 2.99 0.00
NARROWS_GT1_5 24232	28.28 1.51 -2.22	24.64 0.95 -6.91	16.53 0.83 0.00	16.08 0.79 0.00	14.91 0.73 0.00	22.95 1.07 0.00	26.72 1.20 0.00	28.36 1.32 0.00	27.03 1.22 0.00	29.90 1.32 0.00	31.25 1.54 0.00	24.36 1.47 0.00	18.81 1.27 0.00	10.41 0.76 0.00	5.03 0.42 0.00	-13.88 -1.17 0.00	22.14 1.95 0.00	24.28 2.08 0.00	32.39 2.55 0.00	40.58 2.99 0.00	42.73 3.34 0.00	42.99 3.35 0.00	38.57 2.99 0.00
NARROWS_GT1_6 24233	28.28 1.51 -2.22	24.64 0.95 -6.91	16.53 0.83 0.00	16.08 0.79 0.00	14.91 0.73 0.00	22.95 1.07 0.00	26.72 1.20 0.00	28.36 1.32 0.00	27.03 1.22 0.00	29.90 1.32 0.00	31.25 1.54 0.00	24.36 1.47 0.00	18.81 1.27 0.00	10.41 0.76 0.00	5.03 0.42 0.00	-13.88 -1.17 0.00	22.14 1.95 0.00	24.28 2.08 0.00	32.39 2.55 0.00	40.58 2.99 0.00	42.73 3.34 0.00	42.99 3.35 0.00	38.57 2.99 0.00
NARROWS_GT1_7 24234	28.28 1.51 -2.22	24.64 0.95 -6.91	16.53 0.83 0.00	16.08 0.79 0.00	14.91 0.73 0.00	22.95 1.07 0.00	26.72 1.20 0.00	28.36 1.32 0.00	27.03 1.22 0.00	29.90 1.32 0.00	31.25 1.54 0.00	24.36 1.47 0.00	18.81 1.27 0.00	10.41 0.76 0.00	5.03 0.42 0.00	-13.88 -1.17 0.00	22.14 1.95 0.00	24.28 2.08 0.00	32.39 2.55 0.00	40.58 2.99 0.00	42.73 3.34 0.00	42.99 3.35 0.00	38.57 2.99 0.00
NARROWS_GT1_8 24235	28.28 1.51 -2.22	24.64 0.95 -6.91	16.53 0.83 0.00	16.08 0.79 0.00	14.91 0.73 0.00	22.95 1.07 0.00	26.72 1.20 0.00	28.36 1.32 0.00	27.03 1.22 0.00	29.90 1.32 0.00	31.25 1.54 0.00	24.36 1.47 0.00	18.81 1.27 0.00	10.41 0.76 0.00	5.03 0.42 0.00	-13.88 -1.17 0.00	22.14 1.95 0.00	24.28 2.08 0.00	32.39 2.55 0.00	40.58 2.99 0.00	42.73 3.34 0.00	42.99 3.35 0.00	38.57 2.99 0.00
NARROWS_GT2_1 24236	28.28 1.51 -2.22	24.64 0.95 -6.91	16.53 0.83 0.00	16.08 0.79 0.00	14.91 0.73 0.00	22.95 1.07 0.00	26.72 1.20 0.00	28.36 1.32 0.00	27.03 1.22 0.00	29.90 1.32 0.00	31.25 1.54 0.00	24.36 1.47 0.00	18.81 1.27 0.00	10.41 0.76 0.00	5.03 0.42 0.00	-13.88 -1.17 0.00	22.14 1.95 0.00	24.28 2.08 0.00	32.39 2.55 0.00	40.58 2.99 0.00	42.73 3.34 0.00	42.99 3.35 0.00	38.57 2.99 0.00
NARROWS_GT2_2 24237	28.28 1.51 -2.22	24.64 0.95 -6.91	16.53 0.83 0.00	16.08 0.79 0.00	14.91 0.73 0.00	22.95 1.07 0.00	26.72 1.20 0.00	28.36 1.32 0.00	27.03 1.22 0.00	29.90 1.32 0.00	31.25 1.54 0.00	24.36 1.47 0.00	18.81 1.27 0.00	10.41 0.76 0.00	5.03 0.42 0.00	-13.88 -1.17 0.00	22.14 1.95 0.00	24.28 2.08 0.00	32.39 2.55 0.00	40.58 2.99 0.00	42.73 3.34 0.00	42.99 3.35 0.00	38.57 2.99 0.00
NARROWS_GT2_3 24238	28.28 1.51 -2.22	24.64 0.95 -6.91	16.53 0.83 0.00	16.08 0.79 0.00	14.91 0.73 0.00	22.95 1.07 0.00	26.72 1.20 0.00	28.36 1.32 0.00	27.03 1.22 0.00	29.90 1.32 0.00	31.25 1.54 0.00	24.36 1.47 0.00	18.81 1.27 0.00	10.41 0.76 0.00	5.03 0.42 0.00	-13.88 -1.17 0.00	22.14 1.95 0.00	24.28 2.08 0.00	32.39 2.55 0.00	40.58 2.99 0.00	42.73 3.34 0.00	42.99 3.35 0.00	38.57 2.99 0.00
NARROWS_GT2_4 24239	28.28 1.51 -2.22	24.64 0.95 -6.91	16.53 0.83 0.00	16.08 0.79 0.00	14.91 0.73 0.00	22.95 1.07 0.00	26.72 1.20 0.00	28.36 1.32 0.00	27.03 1.22 0.00	29.90 1.32 0.00	31.25 1.54 0.00	24.36 1.47 0.00	18.81 1.27 0.00	10.41 0.76 0.00	5.03 0.42 0.00	-13.88 -1.17 0.00	22.14 1.95 0.00	24.28 2.08 0.00	32.39 2.55 0.00	40.58 2.99 0.00	42.73 3.34 0.00	42.99 3.35 0.00	38.57 2.99 0.00
NARROWS_GT2_5 24240	28.28 1.51 -2.22	24.64 0.95 -6.91	16.53 0.83 0.00	16.08 0.79 0.00	14.91 0.73 0.00	22.95 1.07 0.00	26.72 1.20 0.00	28.36 1.32 0.00	27.03 1.22 0.00	29.90 1.32 0.00	31.25 1.54 0.00	24.36 1.47 0.00	18.81 1.27 0.00	10.41 0.76 0.00	5.03 0.42 0.00	-13.88 -1.17 0.00	22.14 1.95 0.00	24.28 2.08 0.00	32.39 2.55 0.00	40.58 2.99 0.00	42.73 3.34 0.00	42.99 3.35 0.00	38.57 2.99 0.00
NARROWS_GT2_6 24241	28.28 1.51 -2.22	24.64 0.95 -6.91	16.53 0.83 0.00	16.08 0.79 0.00	14.91 0.73 0.00	22.95 1.07 0.00	26.72 1.20 0.00	28.36 1.32 0.00	27.03 1.22 0.00	29.90 1.32 0.00	31.25 1.54 0.00	24.36 1.47 0.00	18.81 1.27 0.00	10.41 0.76 0.00	5.03 0.42 0.00	-13.88 -1.17 0.00	22.14 1.95 0.00	24.28 2.08 0.00	32.39 2.55 0.00	40.58 2.99 0.00	42.73 3.34 0.00	42.99 3.35 0.00	38.57 2.99 0.00
NARROWS_GT2_7 24242	28.28 1.51 -2.22	24.64 0.95 -6.91	16.53 0.83 0.00	16.08 0.79 0.00	14.91 0.73 0.00	22.95 1.07 0.00	26.72 1.20 0.00	28.36 1.32 0.00	27.03 1.22 0.00	29.90 1.32 0.00	31.25 1.54 0.00	24.36 1.47 0.00	18.81 1.27 0.00	10.41 0.76 0.00	5.03 0.42 0.00	-13.88 -1.17 0.00	22.14 1.95 0.00	24.28 2.08 0.00	32.39 2.55 0.00	40.58 2.99 0.00	42.73 3.34 0.00	42.99 3.35 0.00	38.57 2.99 0.00
NARROWS_GT2_8 24243	28.28 1.51 -2.22	24.64 0.95 -6.91	16.53 0.83 0.00	16.08 0.79 0.00	14.91 0.73 0.00	22.95 1.07 0.00	26.72 1.20 0.00	28.36 1.32 0.00	27.03 1.22 0.00	29.90 1.32 0.00	31.25 1.54 0.00	24.36 1.47 0.00	18.81 1.27 0.00	10.41 0.76 0.00	5.03 0.42 0.00	-13.88 -1.17 0.00	22.14 1.95 0.00	24.28 2.08 0.00	32.39 2.55 0.00	40.58 2.99 0.00	42.73 3.34 0.00	42.99 3.35 0.00	38.57 2.99 0.00
NCATSKLL_69_KV_NC- LINE_REV_LBMP_G 345022	28.26 1.26 -2.45	25.22 0.81 -7.63	16.48 0.77 0.00	16.04 0.75 0.00	14.88 0.69 0.00	22.93 1.05 0.00	26.71 1.18 0.00	28.27 1.23 0.00	26.81 1.00 0.00	29.66 1.08 0.00	30.94 1.23 0.00	23.71 0.83 0.00	18.08 0.54 0.00	9.93 0.29 0.00	4.77 0.16 0.00	-13.07 -0.37 0.00	20.86 0.66 0.00	23.00 0.79 0.00	30.95 1.11 0.00	39.19 1.59 0.00	41.40 2.01 0.00	41.72 2.09 0.00	37.53 1.96 0.00

NCHelsea_I15KV_TR2 355582	28.22 1.44 -2.23	24.64 0.92 -6.94	16.52 0.82 0.00	16.09 0.79 0.00	14.91 0.73 0.00	22.96 1.08 0.00	26.73 1.21 0.00	28.35 1.30 0.00	26.98 1.18 0.00	29.90 1.32 0.00	31.24 1.53 0.00	24.23 1.34 0.00	18.67 1.12 0.00	10.30 0.66 0.00	4.97 0.35 0.00	-13.66 -0.96 0.00	21.84 1.65 0.00	24.01 1.81 0.00	32.20 2.36 0.00	40.42 2.83 0.00	42.53 3.14 0.00	42.80 3.17 0.00	38.39 2.81 0.00
NEG CAPITAL___MECHNVIL 23645	28.51 1.37 -2.59	25.77 0.91 -8.07	16.55 0.84 0.00	16.11 0.81 0.00	14.95 0.77 0.00	23.02 1.14 0.00	26.80 1.28 0.00	28.33 1.28 0.00	26.94 1.14 0.00	29.88 1.30 0.00	30.96 1.25 0.00	23.83 0.94 0.00	18.20 0.66 0.00	10.02 0.38 0.00	4.82 0.21 0.00	-13.12 -0.42 0.00	21.04 0.84 0.00	23.32 1.11 0.00	31.45 1.61 0.00	39.68 2.08 0.00	41.76 2.37 0.00	42.08 2.45 0.00	37.83 2.24 0.00
NEG CENTRAL_HIGH_ACRES 23767	23.89 -0.92 -0.27	16.97 -0.63 -0.82	15.16 -0.55 0.00	14.71 -0.59 0.00	13.66 -0.52 0.00	21.09 -0.79 0.00	24.71 -0.82 0.00	26.28 -0.77 0.00	25.02 -0.79 0.00	27.69 -0.89 0.00	28.78 -0.93 0.00	22.12 -0.77 0.00	16.91 -0.63 0.00	9.23 -0.41 0.00	4.41 -0.20 0.00	-12.37 0.34 0.00	19.44 -0.75 0.00	21.37 -0.83 0.00	28.81 -1.03 0.00	36.36 -1.24 0.00	38.04 -1.36 0.00	38.24 -1.39 0.00	34.15 -1.42 0.00
NEG CENTRAL___DRP 24199	24.70 -0.15 -0.30	17.61 -0.10 -0.92	15.64 -0.07 0.00	15.23 -0.07 0.00	14.14 -0.05 0.00	21.86 -0.02 0.00	25.56 0.03 0.00	27.13 0.09 0.00	25.81 0.01 0.00	28.55 -0.03 0.00	29.66 -0.05 0.00	22.77 -0.11 0.00	17.43 -0.10 0.00	9.54 -0.11 0.00	4.54 -0.07 0.00	-12.59 0.12 0.00	19.94 -0.26 0.00	21.94 -0.26 0.00	29.65 -0.19 0.00	37.63 0.03 0.00	39.56 0.17 0.00	39.82 0.18 0.00	35.54 -0.04 0.00
NEG CENTRAL___INDECK 23768	24.85 -0.08 -0.38	17.91 -0.05 -1.18	15.74 0.03 0.00	15.27 -0.03 0.00	14.22 0.03 0.00	22.06 0.18 0.00	25.94 0.42 0.00	27.70 0.66 0.00	26.32 0.51 0.00	28.94 0.36 0.00	29.93 0.22 0.00	22.86 -0.03 0.00	17.34 -0.20 0.00	9.44 -0.20 0.00	4.50 -0.11 0.00	-12.73 -0.02 0.00	19.93 -0.26 0.00	21.90 -0.30 0.00	29.68 -0.16 0.00	37.98 0.39 0.00	40.22 0.82 0.00	40.56 0.92 0.00	36.07 0.50 0.00
NEG CENTRAL___SENECA 23627	24.72 -0.16 -0.32	17.68 -0.12 -1.01	15.64 -0.07 0.00	15.22 -0.07 0.00	14.14 -0.04 0.00	21.89 0.01 0.00	25.62 0.10 0.00	27.25 0.21 0.00	25.92 0.11 0.00	28.62 0.05 0.00	29.75 0.04 0.00	22.81 -0.08 0.00	17.45 -0.09 0.00	9.52 -0.13 0.00	4.52 -0.09 0.00	-12.60 0.11 0.00	19.91 -0.29 0.00	21.92 -0.28 0.00	29.67 -0.17 0.00	37.78 0.18 0.00	39.73 0.33 0.00	40.00 0.36 0.00	35.65 0.07 0.00
NEG CENTRAL___STATE_STREET 24147	24.84 -0.01 -0.29	17.75 0.05 -0.91	15.77 0.06 0.00	15.35 0.06 0.00	14.25 0.07 0.00	22.01 0.13 0.00	25.69 0.16 0.00	27.17 0.13 0.00	25.86 0.05 0.00	28.63 0.05 0.00	29.74 0.03 0.00	22.85 -0.03 0.00	17.51 -0.03 0.00	9.61 -0.03 0.00	4.58 -0.03 0.00	-12.65 0.06 0.00	20.08 -0.12 0.00	22.11 -0.09 0.00	29.84 0.00 0.00	37.80 0.20 0.00	39.73 0.34 0.00	39.97 0.34 0.00	35.75 0.18 0.00
NEG MILLWOOD___DRP 24198	28.26 1.46 -2.24	24.69 0.93 -6.98	16.53 0.83 0.00	16.10 0.80 0.00	14.92 0.74 0.00	22.97 1.09 0.00	26.75 1.23 0.00	28.37 1.33 0.00	27.02 1.21 0.00	29.95 1.37 0.00	31.30 1.59 0.00	24.29 1.40 0.00	18.73 1.19 0.00	10.34 0.69 0.00	4.98 0.37 0.00	-13.71 -1.01 0.00	21.91 1.72 0.00	24.08 1.88 0.00	32.28 2.44 0.00	40.49 2.90 0.00	42.60 3.21 0.00	42.88 3.24 0.00	38.46 2.88 0.00
NEG NORTH_FLCN_SEA 23793	24.51 -0.04 0.00	16.87 0.08 0.00	15.78 0.07 0.00	15.38 0.08 0.00	14.25 0.07 0.00	22.03 0.15 0.00	25.74 0.22 0.00	27.25 0.21 0.00	26.02 0.22 0.00	28.81 0.23 0.00	29.96 0.25 0.00	22.95 0.06 0.00	17.54 0.00 0.00	9.65 0.01 0.00	4.61 -0.01 0.00	-12.68 0.02 0.00	20.13 -0.07 0.00	22.13 -0.08 0.00	29.76 -0.07 0.00	37.66 0.07 0.00	39.47 0.08 0.00	39.54 -0.10 0.00	35.47 -0.11 0.00
NEG NORTH_KES_CHATEGAY 23792	24.35 -0.20 0.00	16.69 -0.09 0.00	15.61 -0.09 0.00	15.22 -0.08 0.00	14.09 -0.09 0.00	21.79 -0.09 0.00	25.47 -0.05 0.00	26.98 -0.06 0.00	25.77 -0.04 0.00	28.50 -0.08 0.00	29.59 -0.11 0.00	22.69 -0.20 0.00	17.33 -0.21 0.00	9.54 -0.11 0.00	4.55 -0.06 0.00	-12.57 0.14 0.00	19.90 -0.30 0.00	21.87 -0.34 0.00	29.48 -0.36 0.00	37.28 -0.31 0.00	39.02 -0.37 0.00	39.10 -0.53 0.00	35.12 -0.46 0.00
NEG NORTH___ALICE_FALLS 23915	24.55 0.00 0.00	16.87 0.08 0.00	15.78 0.07 0.00	15.38 0.08 0.00	14.25 0.07 0.00	22.03 0.15 0.00	25.74 0.22 0.00	27.27 0.23 0.00	26.04 0.23 0.00	28.80 0.22 0.00	29.97 0.26 0.00	22.94 0.05 0.00	17.51 -0.02 0.00	9.64 -0.01 0.00	4.60 -0.02 0.00	-12.67 0.04 0.00	20.09 -0.11 0.00	22.07 -0.13 0.00	29.72 -0.12 0.00	37.66 0.06 0.00	39.51 0.12 0.00	39.58 -0.06 0.00	35.48 -0.11 0.00
NEG NORTH___LWR_SARANAC 23913	24.55 0.00 0.00	16.87 0.08 0.00	15.78 0.07 0.00	15.38 0.08 0.00	14.25 0.07 0.00	22.03 0.15 0.00	25.74 0.22 0.00	27.27 0.23 0.00	26.04 0.23 0.00	28.80 0.22 0.00	29.97 0.26 0.00	22.94 0.05 0.00	17.51 -0.02 0.00	9.64 -0.01 0.00	4.60 -0.02 0.00	-12.67 0.04 0.00	20.09 -0.11 0.00	22.07 -0.13 0.00	29.72 -0.12 0.00	37.66 0.06 0.00	39.51 0.12 0.00	39.58 -0.06 0.00	35.48 -0.11 0.00
NEG NORTH___PLATTSBURG 23628	24.55 0.00 0.00	16.87 0.08 0.00	15.78 0.08 0.00	15.38 0.08 0.00	14.25 0.07 0.00	22.03 0.15 0.00	25.74 0.22 0.00	27.27 0.23 0.00	26.04 0.23 0.00	28.80 0.22 0.00	29.97 0.26 0.00	22.94 0.05 0.00	17.51 -0.02 0.00	9.64 -0.01 0.00	4.60 -0.02 0.00	-12.67 0.04 0.00	20.09 -0.11 0.00	22.07 -0.13 0.00	29.72 -0.12 0.00	37.66 0.06 0.00	39.51 0.12 0.00	39.58 -0.06 0.00	35.48 -0.11 0.00
NEG WEST_LEA_LOCKPORT 23791	23.23 -1.67 -0.34	16.72 -1.12 -1.06	14.83 -0.87 0.00	14.34 -0.96 0.00	13.33 -0.85 0.00	20.58 -1.30 0.00	24.29 -1.23 0.00	25.89 -1.15 0.00	24.60 -1.20 0.00	27.14 -1.44 0.00	28.18 -1.52 0.00	21.62 -1.27 0.00	16.57 -0.97 0.00	9.14 -0.50 0.00	4.35 -0.26 0.00	-12.61 0.09 0.00	19.31 -0.89 0.00	20.91 -1.29 0.00	27.95 -1.89 0.00	34.94 -2.65 0.00	36.33 -3.06 0.00	36.60 -3.03 0.00	32.69 -2.89 0.00
NEG WEST___LANCASTR 23811	23.41 -1.53 -0.39	16.92 -1.08 -1.22	14.86 -0.84 0.00	14.40 -0.89 0.00	13.38 -0.81 0.00	20.67 -1.21 0.00	24.30 -1.23 0.00	25.95 -1.09 0.00	24.60 -1.20 0.00	27.22 -1.36 0.00	28.29 -1.42 0.00	21.67 -1.21 0.00	16.64 -0.90 0.00	9.15 -0.50 0.00	4.36 -0.26 0.00	-12.50 0.21 0.00	19.38 -0.81 0.00	21.11 -1.09 0.00	28.30 -1.54 0.00	35.38 -2.21 0.00	36.87 -2.52 0.00	37.08 -2.55 0.00	33.00 -2.57 0.00

NEG_PENN_ALLEGHNY 23528	25.39 0.08 -0.76	19.20 0.03 -2.38	15.75 0.05 0.00	15.34 0.05 0.00	14.24 0.06 0.00	21.98 0.10 0.00	25.65 0.12 0.00	27.22 0.17 0.00	25.87 0.06 0.00	28.64 0.06 0.00	29.80 0.09 0.00	22.94 0.05 0.00	17.60 0.06 0.00	9.68 0.04 0.00	4.62 0.01 0.00	-12.76 -0.06 0.00	20.31 0.11 0.00	22.32 0.12 0.00	30.06 0.22 0.00	37.97 0.38 0.00	39.85 0.46 0.00	40.12 0.48 0.00	35.86 0.28 0.00
NEG___GEN_MONROE 24207	24.26 -0.57 -0.27	17.25 -0.39 -0.86	15.41 -0.29 0.00	14.94 -0.36 0.00	13.88 -0.31 0.00	21.43 -0.45 0.00	25.15 -0.37 0.00	26.77 -0.27 0.00	25.48 -0.33 0.00	28.16 -0.42 0.00	29.25 -0.46 0.00	22.43 -0.46 0.00	17.13 -0.41 0.00	9.37 -0.27 0.00	4.46 -0.15 0.00	-12.64 0.06 0.00	19.74 -0.45 0.00	21.63 -0.57 0.00	29.12 -0.72 0.00	36.77 -0.82 0.00	38.53 -0.86 0.00	38.79 -0.85 0.00	34.62 -0.96 0.00
NEPA___ENERGY 23901	23.68 -1.27 -0.39	17.10 -0.91 -1.23	14.97 -0.74 0.00	14.61 -0.68 0.00	13.55 -0.63 0.00	20.94 -0.93 0.00	24.55 -0.97 0.00	26.22 -0.83 0.00	24.73 -1.08 0.00	27.36 -1.22 0.00	28.48 -1.23 0.00	21.74 -1.15 0.00	16.77 -0.78 0.00	9.25 -0.39 0.00	4.40 -0.21 0.00	-12.49 0.22 0.00	19.71 -0.48 0.00	21.43 -0.77 0.00	28.71 -1.13 0.00	35.89 -1.70 0.00	37.48 -1.91 0.00	37.79 -1.84 0.00	33.37 -2.21 0.00
NEVERSINK___HYD 23608	27.98 1.32 -2.11	24.20 0.84 -6.58	16.46 0.75 0.00	16.02 0.73 0.00	14.84 0.66 0.00	22.86 0.98 0.00	26.62 1.09 0.00	28.22 1.18 0.00	26.65 0.84 0.00	29.54 0.97 0.00	30.87 1.16 0.00	23.87 0.98 0.00	18.35 0.81 0.00	10.05 0.40 0.00	4.84 0.23 0.00	-13.35 -0.64 0.00	21.32 1.12 0.00	23.51 1.31 0.00	31.60 1.76 0.00	39.68 2.09 0.00	41.72 2.33 0.00	41.99 2.35 0.00	37.64 2.06 0.00
NEWKRMKL_115KV_TB1 55635	27.95 0.86 -2.54	25.27 0.57 -7.92	16.22 0.52 0.00	15.80 0.51 0.00	14.65 0.47 0.00	22.57 0.69 0.00	26.24 0.71 0.00	27.71 0.67 0.00	26.24 0.44 0.00	29.08 0.50 0.00	30.29 0.58 0.00	23.37 0.48 0.00	17.91 0.37 0.00	9.87 0.23 0.00	4.74 0.13 0.00	-12.95 -0.24 0.00	20.66 0.47 0.00	22.78 0.57 0.00	30.51 0.67 0.00	38.39 0.79 0.00	40.41 1.02 0.00	40.74 1.10 0.00	36.75 1.17 0.00
NEWTON___FALLS_HYD 23847	24.25 -0.37 -0.07	16.73 -0.27 -0.21	15.49 -0.22 0.00	15.13 -0.16 0.00	14.05 -0.14 0.00	21.68 -0.20 0.00	25.27 -0.26 0.00	26.87 -0.17 0.00	25.61 -0.20 0.00	28.20 -0.38 0.00	29.14 -0.57 0.00	22.39 -0.50 0.00	17.04 -0.50 0.00	9.28 -0.36 0.00	4.41 -0.20 0.00	-12.17 0.54 0.00	19.29 -0.91 0.00	21.28 -0.92 0.00	28.80 -1.04 0.00	36.72 -0.87 0.00	38.37 -1.02 0.00	38.36 -1.27 0.00	34.34 -1.24 0.00
NGRID_A1_DSASP 323792	22.96 -1.94 -0.35	16.56 -1.30 -1.08	14.67 -1.03 0.00	14.17 -1.12 0.00	13.18 -1.01 0.00	20.34 -1.54 0.00	23.99 -1.53 0.00	25.59 -1.46 0.00	24.33 -1.48 0.00	26.87 -1.71 0.00	27.90 -1.81 0.00	21.42 -1.47 0.00	16.45 -1.09 0.00	9.04 -0.61 0.00	4.31 -0.31 0.00	-12.56 0.14 0.00	19.25 -0.95 0.00	20.88 -1.32 0.00	27.90 -1.94 0.00	34.71 -2.89 0.00	35.83 -3.56 0.00	35.90 -3.74 0.00	32.08 -3.50 0.00
NGRID_A2_DSASP 323793	22.96 -1.94 -0.35	16.56 -1.30 -1.08	14.67 -1.03 0.00	14.17 -1.12 0.00	13.18 -1.01 0.00	20.34 -1.54 0.00	23.99 -1.53 0.00	25.59 -1.46 0.00	24.33 -1.48 0.00	26.87 -1.71 0.00	27.90 -1.81 0.00	21.42 -1.47 0.00	16.45 -1.09 0.00	9.04 -0.61 0.00	4.31 -0.31 0.00	-12.56 0.14 0.00	19.25 -0.95 0.00	20.88 -1.32 0.00	27.90 -1.94 0.00	34.71 -2.89 0.00	35.83 -3.56 0.00	35.90 -3.74 0.00	32.08 -3.50 0.00
NGRID_A4_DSASP 323807	22.96 -1.94 -0.35	16.56 -1.30 -1.08	14.67 -1.03 0.00	14.17 -1.12 0.00	13.18 -1.01 0.00	20.34 -1.54 0.00	23.99 -1.53 0.00	25.59 -1.46 0.00	24.33 -1.48 0.00	26.87 -1.71 0.00	27.90 -1.81 0.00	21.42 -1.47 0.00	16.45 -1.09 0.00	9.04 -0.61 0.00	4.31 -0.31 0.00	-12.56 0.14 0.00	19.25 -0.95 0.00	20.88 -1.32 0.00	27.90 -1.94 0.00	34.71 -2.89 0.00	35.83 -3.56 0.00	35.90 -3.74 0.00	32.08 -3.50 0.00
NIAGARA_115E_LBMP 323715	22.85 -2.05 -0.34	16.49 -1.37 -1.08	14.61 -1.10 0.00	14.12 -1.17 0.00	13.13 -1.05 0.00	20.27 -1.61 0.00	23.94 -1.58 0.00	25.51 -1.53 0.00	24.24 -1.56 0.00	26.74 -1.84 0.00	27.77 -1.57 0.00	21.32 -1.57 0.00	16.37 -1.17 0.00	9.02 -0.63 0.00	4.30 -0.31 0.00	-12.52 0.19 0.00	19.10 -1.09 0.00	20.60 -1.60 0.00	27.42 -2.42 0.00	34.21 -3.38 0.00	35.50 -3.89 0.00	35.78 -3.85 0.00	32.01 -3.57 0.00
NIAGARA_115W_LBMP 323714	22.91 -1.98 -0.34	16.54 -1.32 -1.08	14.64 -1.06 0.00	14.14 -1.16 0.00	13.15 -1.03 0.00	20.30 -1.58 0.00	23.94 -1.58 0.00	25.54 -1.51 0.00	24.28 -1.53 0.00	26.81 -1.76 0.00	27.84 -1.87 0.00	21.38 -1.51 0.00	16.42 -1.12 0.00	9.02 -0.62 0.00	4.30 -0.31 0.00	-12.54 0.16 0.00	19.21 -0.98 0.00	20.85 -1.36 0.00	27.84 -1.99 0.00	34.64 -2.96 0.00	35.75 -3.64 0.00	35.81 -3.82 0.00	32.01 -3.57 0.00
NIAGARA_230_LBMP 323716	23.12 -1.77 -0.34	16.66 -1.19 -1.07	14.75 -0.95 0.00	14.25 -1.05 0.00	13.25 -0.93 0.00	20.45 -1.43 0.00	24.10 -1.42 0.00	25.71 -1.33 0.00	24.43 -1.37 0.00	26.99 -1.58 0.00	28.03 -1.68 0.00	21.52 -1.37 0.00	16.53 -1.01 0.00	9.08 -0.56 0.00	4.33 -0.28 0.00	-12.55 0.15 0.00	19.24 -0.96 0.00	20.88 -1.32 0.00	27.90 -1.94 0.00	34.80 -2.79 0.00	36.10 -3.29 0.00	36.33 -3.31 0.00	32.44 -3.14 0.00
NIAGARA___115KV_198_GIBSON 55903	22.92 -1.98 -0.34	16.53 -1.33 -1.08	14.64 -1.06 0.00	14.14 -1.16 0.00	13.15 -1.03 0.00	20.30 -1.58 0.00	23.94 -1.58 0.00	25.53 -1.51 0.00	24.28 -1.53 0.00	26.81 -1.76 0.00	27.84 -1.87 0.00	21.38 -1.51 0.00	16.42 -1.12 0.00	9.02 -0.62 0.00	4.30 -0.31 0.00	-12.54 0.16 0.00	19.21 -0.99 0.00	20.85 -1.36 0.00	27.85 -1.99 0.00	34.64 -2.96 0.00	35.75 -3.64 0.00	35.82 -3.82 0.00	32.01 -3.57 0.00
NIAGARA____ 23760	23.13 -1.77 -0.34	16.67 -1.19 -1.07	14.75 -0.95 0.00	14.25 -1.05 0.00	13.25 -0.93 0.00	20.45 -1.43 0.00	24.10 -1.42 0.00	25.71 -1.33 0.00	24.43 -1.37 0.00	26.99 -1.58 0.00	28.03 -1.68 0.00	21.52 -1.37 0.00	16.53 -1.01 0.00	9.08 -0.56 0.00	4.33 -0.28 0.00	-12.55 0.15 0.00	19.24 -0.96 0.00	20.88 -1.32 0.00	27.90 -1.94 0.00	34.80 -2.79 0.00	36.10 -3.29 0.00	36.33 -3.31 0.00	32.44 -3.14 0.00
NINE_MILE_1 23575	24.07 -0.63 -0.15	16.81 -0.43 -0.46	15.31 -0.39 0.00	14.91 -0.39 0.00	13.83 -0.36 0.00	21.34 -0.54 0.00	24.90 -0.63 0.00	26.39 -0.65 0.00	25.16 -0.65 0.00	27.86 -0.71 0.00	28.96 -0.75 0.00	22.30 -0.59 0.00	17.09 -0.45 0.00	9.38 -0.26 0.00	4.48 -0.13 0.00	-12.36 0.35 0.00	19.60 -0.60 0.00	21.53 -0.68 0.00	28.91 -0.93 0.00	36.44 -1.15 0.00	38.22 -1.18 0.00	38.45 -1.19 0.00	34.47 -1.10 0.00

NINE_MILE_2 23744	24.08 -0.62 -0.15	16.81 -0.42 -0.45	15.31 -0.39 0.00	14.91 -0.39 0.00	13.83 -0.36 0.00	21.34 -0.54 0.00	24.90 -0.63 0.00	26.39 -0.65 0.00	25.16 -0.65 0.00	27.86 -0.71 0.00	28.96 -0.75 0.00	22.30 -0.59 0.00	17.09 -0.45 0.00	9.39 -0.26 0.00	4.48 -0.13 0.00	-12.36 0.35 0.00	19.60 -0.59 0.00	21.53 -0.67 0.00	28.91 -0.93 0.00	36.44 -1.15 0.00	38.22 -1.17 0.00	38.45 -1.19 0.00	34.47 -1.10 0.00
NM_CAPITAL___DRP 24208	27.99 0.90 -2.54	25.28 0.59 -7.90	16.25 0.55 0.00	15.82 0.53 0.00	14.67 0.49 0.00	22.60 0.73 0.00	26.27 0.75 0.00	27.75 0.71 0.00	26.30 0.50 0.00	29.15 0.57 0.00	30.35 0.64 0.00	23.42 0.53 0.00	17.94 0.40 0.00	9.89 0.25 0.00	4.75 0.14 0.00	-12.96 -0.26 0.00	20.70 0.50 0.00	22.82 0.61 0.00	30.55 0.72 0.00	38.43 0.83 0.00	40.47 1.08 0.00	40.81 1.18 0.00	36.82 1.25 0.00
NM_CENTRAL___DRP 24181	24.54 -0.22 -0.21	17.28 -0.15 -0.65	15.57 -0.13 0.00	15.15 -0.14 0.00	14.06 -0.12 0.00	21.70 -0.18 0.00	25.31 -0.21 0.00	26.85 -0.19 0.00	25.59 -0.22 0.00	28.35 -0.23 0.00	29.47 -0.24 0.00	22.69 -0.20 0.00	17.39 -0.15 0.00	9.54 -0.10 0.00	4.55 -0.06 0.00	-12.55 0.15 0.00	19.93 -0.27 0.00	21.91 -0.30 0.00	29.46 -0.38 0.00	37.19 -0.40 0.00	39.03 -0.36 0.00	39.26 -0.38 0.00	35.15 -0.43 0.00
NM_FRONTIER___DRP 24179	22.92 -1.98 -0.34	16.53 -1.33 -1.08	14.64 -1.06 0.00	14.14 -1.16 0.00	13.15 -1.03 0.00	20.30 -1.58 0.00	23.94 -1.58 0.00	25.53 -1.51 0.00	24.28 -1.53 0.00	26.81 -1.76 0.00	27.84 -1.87 0.00	21.38 -1.51 0.00	16.42 -1.12 0.00	9.02 -0.62 0.00	4.30 -0.31 0.00	-12.54 0.16 0.00	19.21 -0.99 0.00	20.85 -1.36 0.00	27.85 -1.99 0.00	34.64 -2.96 0.00	35.75 -3.64 0.00	35.82 -3.82 0.00	32.01 -3.57 0.00
NM_ST_REGIS___HYD 24053	24.29 -0.30 -0.03	16.69 -0.19 -0.10	15.53 -0.18 0.00	15.14 -0.16 0.00	14.03 -0.16 0.00	21.68 -0.20 0.00	25.34 -0.18 0.00	26.91 -0.13 0.00	25.71 -0.10 0.00	28.29 -0.29 0.00	29.32 -0.39 0.00	22.50 -0.39 0.00	17.15 -0.39 0.00	9.41 -0.24 0.00	4.48 -0.13 0.00	-12.33 0.38 0.00	19.47 -0.73 0.00	21.42 -0.78 0.00	29.05 -0.79 0.00	36.88 -0.71 0.00	38.59 -0.80 0.00	38.69 -0.95 0.00	34.70 -0.88 0.00
NORTHPORT___1 23551	28.56 1.78 -2.22	24.85 1.15 -6.92	16.71 1.01 0.00	16.22 0.92 0.00	15.06 0.87 0.00	23.05 1.17 0.00	26.78 1.26 0.00	28.40 1.36 0.00	27.06 1.25 0.00	30.19 1.61 0.00	31.65 1.94 0.00	24.58 1.69 0.00	18.96 1.42 0.00	10.45 0.81 0.00	5.04 0.43 0.00	-13.93 -1.22 0.00	22.14 1.94 0.00	24.41 2.21 0.00	32.46 2.62 0.00	40.87 3.28 0.00	43.09 3.70 0.00	43.23 3.60 0.00	39.21 3.62 0.00
NORTHPORT___2 23552	28.56 1.78 -2.22	24.85 1.15 -6.92	16.71 1.01 0.00	16.22 0.92 0.00	15.06 0.87 0.00	23.05 1.17 0.00	26.78 1.26 0.00	28.40 1.36 0.00	27.06 1.25 0.00	30.19 1.61 0.00	31.65 1.94 0.00	24.58 1.69 0.00	18.96 1.42 0.00	10.45 0.81 0.00	5.04 0.43 0.00	-13.93 -1.22 0.00	22.14 1.94 0.00	24.41 2.21 0.00	32.46 2.62 0.00	40.87 3.28 0.00	43.09 3.70 0.00	43.23 3.60 0.00	39.21 3.62 0.00
NORTHPORT___3 23553	28.50 1.73 -2.22	24.82 1.12 -6.92	16.68 0.98 0.00	16.19 0.90 0.00	15.03 0.85 0.00	23.01 1.13 0.00	26.73 1.21 0.00	28.32 1.28 0.00	27.01 1.20 0.00	30.12 1.54 0.00	31.62 1.91 0.00	24.56 1.67 0.00	18.95 1.40 0.00	10.44 0.80 0.00	5.03 0.42 0.00	-13.92 -1.21 0.00	22.11 1.91 0.00	24.35 2.15 0.00	32.37 2.53 0.00	40.76 3.17 0.00	42.96 3.57 0.00	43.12 3.48 0.00	39.10 3.51 0.00
NORTHPORT___4 23650	28.50 1.73 -2.22	24.82 1.12 -6.92	16.68 0.98 0.00	16.19 0.90 0.00	15.03 0.85 0.00	23.01 1.13 0.00	26.73 1.21 0.00	28.32 1.28 0.00	27.01 1.20 0.00	30.12 1.54 0.00	31.62 1.91 0.00	24.56 1.67 0.00	18.95 1.40 0.00	10.44 0.80 0.00	5.03 0.42 0.00	-13.92 -1.21 0.00	22.11 1.91 0.00	24.35 2.15 0.00	32.37 2.53 0.00	40.76 3.17 0.00	42.96 3.57 0.00	43.12 3.48 0.00	39.10 3.51 0.00
NORTHPORT___IC 23718	28.56 1.79 -2.22	24.85 1.15 -6.92	16.71 1.01 0.00	16.22 0.92 0.00	15.06 0.87 0.00	23.05 1.17 0.00	26.78 1.26 0.00	28.40 1.36 0.00	27.06 1.25 0.00	30.19 1.61 0.00	31.65 1.94 0.00	24.58 1.69 0.00	18.96 1.42 0.00	10.45 0.81 0.00	5.04 0.43 0.00	-13.93 -1.22 0.00	22.14 1.94 0.00	24.41 2.21 0.00	32.46 2.62 0.00	40.87 3.28 0.00	43.09 3.70 0.00	43.23 3.60 0.00	39.24 3.65 0.00
NORTH___COUNTRY_ESR 323785	24.32 -0.23 0.00	16.67 -0.11 0.00	15.60 -0.11 0.00	15.20 -0.09 0.00	14.08 -0.11 0.00	21.76 -0.12 0.00	25.43 -0.09 0.00	26.96 -0.08 0.00	25.76 -0.05 0.00	28.49 -0.09 0.00	29.58 -0.12 0.00	22.69 -0.20 0.00	17.33 -0.21 0.00	9.54 -0.11 0.00	4.55 -0.06 0.00	-12.56 0.14 0.00	19.90 -0.30 0.00	21.86 -0.34 0.00	29.48 -0.36 0.00	37.27 -0.32 0.00	38.97 -0.42 0.00	39.03 -0.60 0.00	35.05 -0.53 0.00
NPX_GEN_1385_PROXY 323591	28.92 2.15 -2.22	25.15 1.46 -6.92	16.96 1.26 0.00	16.39 1.09 0.00	15.33 1.15 0.00	23.34 1.46 0.00	27.33 1.81 0.00	29.03 1.99 0.00	27.24 1.43 0.00	30.51 1.93 0.00	31.52 1.81 0.00	24.49 1.60 0.00	18.96 1.42 0.00	10.39 0.75 0.00	5.04 0.43 0.00	-13.96 -1.25 0.00	22.12 1.93 0.00	24.73 2.53 0.00	32.36 2.52 0.00	41.13 3.54 0.00	43.60 4.21 0.00	43.74 4.11 0.00	39.88 4.29 0.00
NPX_GEN_CSC 323557	28.84 2.07 -2.22	25.04 1.34 -6.92	16.90 1.20 0.00	16.41 1.11 0.00	15.20 1.01 0.00	23.20 1.32 0.00	26.94 1.42 0.00	28.59 1.55 0.00	27.35 1.55 0.00	30.56 1.98 0.00	32.02 2.31 0.00	24.81 1.92 0.00	19.09 1.55 0.00	10.52 0.88 0.00	5.06 0.45 0.00	-14.07 -1.37 0.00	22.37 2.17 0.00	24.76 2.56 0.00	33.06 3.22 0.00	41.56 3.97 0.00	43.71 4.32 0.00	43.73 4.09 0.00	39.84 4.26 0.00
NSINS_S_GLNS_FALLS 23858	28.93 1.78 -2.60	26.05 1.16 -8.11	16.79 1.08 0.00	16.36 1.07 0.00	15.20 1.02 0.00	23.33 1.45 0.00	27.13 1.61 0.00	28.70 1.66 0.00	27.33 1.52 0.00	30.30 1.73 0.00	31.25 1.54 0.00	23.96 1.08 0.00	18.23 0.69 0.00	10.02 0.37 0.00	4.82 0.21 0.00	-13.09 -0.39 0.00	21.13 0.94 0.00	23.57 1.37 0.00	31.92 2.09 0.00	40.33 2.74 0.00	42.45 3.06 0.00	42.87 3.23 0.00	38.39 2.81 0.00
NUCOR_STEEL___DRP 24197	24.81 -0.02 -0.28	17.71 0.05 -0.88	15.76 0.06 0.00	15.35 0.05 0.00	14.24 0.06 0.00	22.01 0.13 0.00	25.66 0.14 0.00	27.13 0.09 0.00	25.82 0.02 0.00	28.60 0.02 0.00	29.70 -0.01 0.00	22.83 -0.06 0.00	17.49 -0.05 0.00	9.61 -0.03 0.00	4.58 -0.03 0.00	-12.65 0.06 0.00	20.08 -0.11 0.00	22.11 -0.09 0.00	29.83 -0.01 0.00	37.75 0.16 0.00	39.68 0.29 0.00	39.92 0.28 0.00	35.72 0.14 0.00

NUMBER_THREE_WT_PWR 323818	24.53 -0.12 -0.10	16.99 -0.09 -0.31	15.68 -0.02 0.00	15.39 0.10 0.00	14.31 0.13 0.00	22.04 0.16 0.00	25.61 0.09 0.00	27.27 0.22 0.00	25.92 0.12 0.00	28.64 0.07 0.00	29.59 -0.12 0.00	22.72 -0.17 0.00	17.28 -0.26 0.00	9.37 -0.27 0.00	4.45 -0.16 0.00	-12.31 0.40 0.00	19.59 -0.60 0.00	21.67 -0.54 0.00	29.23 -0.61 0.00	37.44 -0.16 0.00	39.01 -0.39 0.00	38.81 -0.82 0.00	34.71 -0.88 0.00
NYISO_LBMP_REFERENCE 24008	24.55 0.00 0.00	16.78 0.00 0.00	15.70 0.00 0.00	15.30 0.00 0.00	14.18 0.00 0.00	21.88 0.00 0.00	25.52 0.00 0.00	27.04 0.00 0.00	25.81 0.00 0.00	28.58 0.00 0.00	29.71 0.00 0.00	22.89 0.00 0.00	17.54 0.00 0.00	9.64 0.00 0.00	4.61 0.00 0.00	-12.70 0.00 0.00	20.19 0.00 0.00	22.20 0.00 0.00	29.84 0.00 0.00	37.59 0.00 0.00	39.39 0.00 0.00	39.64 0.00 0.00	35.58 0.00 0.00
NYPA_BRENTWD____GT 24164	28.79 2.02 -2.22	25.00 1.30 -6.92	16.85 1.15 0.00	16.35 1.06 0.00	15.17 0.99 0.00	23.23 1.35 0.00	27.00 1.47 0.00	28.65 1.61 0.00	27.34 1.54 0.00	30.50 1.92 0.00	31.99 2.28 0.00	24.84 1.95 0.00	19.16 1.62 0.00	10.56 0.92 0.00	5.08 0.47 0.00	-14.05 -1.35 0.00	22.36 2.17 0.00	24.67 2.47 0.00	32.87 3.03 0.00	41.41 3.81 0.00	43.66 4.27 0.00	43.78 4.15 0.00	39.70 4.11 0.00
NYPA_GOWANUS____GT5 24156	28.28 1.51 -2.22	24.64 0.95 -6.91	16.53 0.83 0.00	16.08 0.79 0.00	14.91 0.73 0.00	22.95 1.07 0.00	26.72 1.20 0.00	28.36 1.32 0.00	27.03 1.22 0.00	29.90 1.32 0.00	31.25 1.54 0.00	24.36 1.47 0.00	18.81 1.27 0.00	10.41 0.76 0.00	5.03 0.42 0.00	-13.88 -1.17 0.00	22.14 1.95 0.00	24.28 2.08 0.00	32.39 2.55 0.00	40.58 2.99 0.00	42.73 3.34 0.00	42.99 3.35 0.00	38.57 2.99 0.00
NYPA_GOWANUS____GT6 24157	28.28 1.51 -2.22	24.64 0.95 -6.91	16.53 0.83 0.00	16.08 0.79 0.00	14.91 0.73 0.00	22.95 1.07 0.00	26.72 1.20 0.00	28.36 1.32 0.00	27.03 1.22 0.00	29.90 1.32 0.00	31.25 1.54 0.00	24.36 1.47 0.00	18.81 1.27 0.00	10.41 0.76 0.00	5.03 0.42 0.00	-13.88 -1.17 0.00	22.14 1.95 0.00	24.28 2.08 0.00	32.39 2.55 0.00	40.58 2.99 0.00	42.73 3.34 0.00	42.99 3.35 0.00	38.57 2.99 0.00
NYPA_HARLEM__RVR__GT1 24160	28.21 1.44 -2.22	24.59 0.90 -6.91	16.49 0.79 0.00	16.04 0.75 0.00	14.87 0.68 0.00	22.89 1.01 0.00	26.63 1.11 0.00	28.24 1.20 0.00	26.91 1.10 0.00	29.74 1.16 0.00	31.06 1.35 0.00	24.21 1.32 0.00	18.67 1.15 0.02	10.31 0.68 0.02	4.97 0.38 0.02	-13.77 -1.05 0.02	21.96 1.77 0.00	24.09 1.89 0.00	32.14 2.31 0.01	40.27 2.69 0.02	42.40 3.02 0.02	42.70 3.08 0.02	38.30 2.74 0.02
NYPA_HARLEM__RVR__GT2 24161	28.21 1.44 -2.22	24.59 0.90 -6.91	16.49 0.79 0.00	16.04 0.75 0.00	14.87 0.68 0.00	22.89 1.01 0.00	26.63 1.11 0.00	28.24 1.20 0.00	26.91 1.10 0.00	29.74 1.16 0.00	31.06 1.35 0.00	24.21 1.32 0.00	18.67 1.15 0.02	10.31 0.68 0.02	4.97 0.38 0.02	-13.77 -1.05 0.02	21.96 1.77 0.00	24.09 1.89 0.00	32.14 2.31 0.01	40.27 2.69 0.02	42.40 3.02 0.02	42.70 3.08 0.02	38.30 2.74 0.02
NYPA_KENT____GT 24152	28.26 1.49 -2.22	24.64 0.94 -6.91	16.53 0.82 0.00	16.08 0.79 0.00	14.90 0.72 0.00	22.95 1.07 0.00	26.71 1.18 0.00	28.35 1.31 0.00	27.01 1.21 0.00	29.88 1.30 0.00	31.21 1.51 0.00	24.34 1.46 0.00	18.80 1.26 0.00	10.40 0.75 0.00	5.02 0.41 0.00	-13.86 -1.15 0.00	22.12 1.92 0.00	24.25 2.05 0.00	32.33 2.50 0.00	40.50 2.91 0.00	42.62 3.23 0.00	42.90 3.26 0.00	38.50 2.92 0.00
NYPA_POUCH1____GT 24155	28.25 1.48 -2.22	24.63 0.93 -6.91	16.52 0.81 0.00	16.07 0.78 0.00	14.90 0.71 0.00	22.93 1.05 0.00	26.70 1.17 0.00	28.34 1.30 0.00	27.00 1.20 0.00	29.87 1.29 0.00	31.22 1.51 0.00	24.32 1.43 0.00	18.78 1.24 0.00	10.39 0.75 0.00	5.02 0.41 0.00	-13.86 -1.15 0.00	22.11 1.92 0.00	24.26 2.05 0.00	32.37 2.53 0.00	40.57 2.98 0.00	42.72 3.33 0.00	42.96 3.33 0.00	38.56 2.99 0.00
NYPA_VERNON____GT2 24162	28.25 1.48 -2.22	24.64 0.94 -6.91	16.52 0.82 0.00	16.08 0.78 0.00	14.90 0.71 0.00	22.95 1.07 0.00	26.70 1.18 0.00	28.34 1.29 0.00	27.00 1.19 0.00	29.85 1.27 0.00	31.17 1.46 0.00	24.33 1.43 0.00	18.79 1.25 0.00	10.38 0.74 0.00	5.02 0.41 0.00	-13.84 -1.13 0.00	22.09 1.90 0.00	24.22 2.01 0.00	32.28 2.44 0.00	40.39 2.80 0.00	42.52 3.13 0.00	42.81 3.17 0.00	38.42 2.85 0.00
NYPA_VERNON____GT3 24163	28.25 1.48 -2.22	24.64 0.94 -6.91	16.52 0.82 0.00	16.08 0.78 0.00	14.90 0.71 0.00	22.95 1.07 0.00	26.70 1.18 0.00	28.34 1.29 0.00	27.00 1.19 0.00	29.85 1.27 0.00	31.17 1.46 0.00	24.33 1.43 0.00	18.79 1.25 0.00	10.38 0.74 0.00	5.02 0.41 0.00	-13.84 -1.13 0.00	22.09 1.90 0.00	24.22 2.01 0.00	32.28 2.44 0.00	40.39 2.80 0.00	42.52 3.13 0.00	42.81 3.17 0.00	38.42 2.85 0.00
NYPA__ASTORIA_CC1 323568	28.24 1.47 -2.22	24.63 0.93 -6.91	16.52 0.81 0.00	16.07 0.77 0.00	14.89 0.71 0.00	22.93 1.05 0.00	26.68 1.16 0.00	28.31 1.27 0.00	26.98 1.18 0.00	29.81 1.23 0.00	31.12 1.42 0.00	24.30 1.41 0.00	18.77 1.23 0.00	10.37 0.73 0.00	5.01 0.40 0.00	-13.82 -1.12 0.00	22.07 1.88 0.00	24.18 1.98 0.00	32.23 2.39 0.00	40.33 2.74 0.00	42.45 3.06 0.00	42.75 3.11 0.00	38.39 2.81 0.00
NYPA__ASTORIA_CC2 323569	28.24 1.47 -2.22	24.63 0.93 -6.91	16.52 0.81 0.00	16.07 0.77 0.00	14.89 0.71 0.00	22.93 1.05 0.00	26.68 1.16 0.00	28.31 1.27 0.00	26.98 1.18 0.00	29.81 1.23 0.00	31.12 1.42 0.00	24.30 1.41 0.00	18.77 1.23 0.00	10.37 0.73 0.00	5.01 0.40 0.00	-13.82 -1.12 0.00	22.07 1.88 0.00	24.18 1.98 0.00	32.23 2.39 0.00	40.33 2.74 0.00	42.45 3.06 0.00	42.75 3.11 0.00	38.39 2.81 0.00
NYPA__HOLTSVILL 23794	28.70 1.93 -2.22	24.95 1.25 -6.92	16.80 1.10 0.00	16.31 1.02 0.00	15.13 0.94 0.00	23.14 1.26 0.00	26.88 1.36 0.00	28.53 1.49 0.00	27.24 1.43 0.00	30.40 1.83 0.00	31.87 2.16 0.00	24.74 1.85 0.00	19.07 1.53 0.00	10.51 0.87 0.00	5.06 0.45 0.00	-14.01 -1.31 0.00	22.28 2.08 0.00	24.61 2.40 0.00	32.80 2.96 0.00	41.29 3.70 0.00	43.50 4.10 0.00	43.59 3.95 0.00	39.59 4.01 0.00
NYPA__HELLGATE_GT1 24158	28.21 1.44 -2.22	24.59 0.90 -6.91	16.49 0.79 0.00	16.04 0.75 0.00	14.87 0.68 0.00	22.89 1.01 0.00	26.63 1.11 0.00	28.24 1.20 0.00	26.91 1.10 0.00	29.74 1.16 0.00	31.06 1.35 0.00	24.21 1.32 0.00	18.69 1.15 0.00	10.33 0.68 0.00	4.99 0.38 0.00	-13.76 -1.05 0.00	21.96 1.77 0.00	24.09 1.89 0.00	32.15 2.31 0.00	40.29 2.69 0.00	42.41 3.02 0.00	42.72 3.08 0.00	38.31 2.74 0.00

NYPA____HELLGATE_GT2 24159	28.21 1.44 -2.22	24.59 0.90 -6.91	16.49 0.79 0.00	16.04 0.75 0.00	14.87 0.68 0.00	22.89 1.01 0.00	26.63 1.11 0.00	28.24 1.20 0.00	26.91 1.10 0.00	29.74 1.16 0.00	31.06 1.35 0.00	24.21 1.32 0.00	18.69 1.15 0.00	10.33 0.68 0.00	4.99 0.38 0.00	-13.76 -1.05 0.00	21.96 1.77 0.00	24.09 1.89 0.00	32.15 2.31 0.00	40.29 2.69 0.00	42.41 3.02 0.00	42.72 3.08 0.00	38.31 2.74 0.00
NYS_BARGE____HYD 23848	23.22 -1.66 -0.34	16.71 -1.12 -1.05	14.83 -0.87 0.00	14.33 -0.96 0.00	13.33 -0.85 0.00	20.58 -1.30 0.00	24.29 -1.23 0.00	25.89 -1.15 0.00	24.60 -1.20 0.00	27.14 -1.44 0.00	28.18 -1.53 0.00	21.61 -1.28 0.00	16.57 -0.97 0.00	9.15 -0.50 0.00	4.35 -0.27 0.00	-12.61 0.10 0.00	19.30 -0.90 0.00	20.89 -1.31 0.00	27.90 -1.93 0.00	34.91 -2.68 0.00	36.29 -3.10 0.00	36.58 -3.06 0.00	32.69 -2.89 0.00
OAK_ORCHARD____HYD 24046	24.24 -0.59 -0.27	17.22 -0.41 -0.85	15.38 -0.32 0.00	14.92 -0.38 0.00	13.86 -0.33 0.00	21.39 -0.48 0.00	25.08 -0.44 0.00	26.69 -0.35 0.00	25.41 -0.40 0.00	28.11 -0.47 0.00	29.21 -0.49 0.00	22.43 -0.46 0.00	17.16 -0.39 0.00	9.38 -0.27 0.00	4.48 -0.13 0.00	-12.64 0.07 0.00	19.79 -0.41 0.00	21.71 -0.49 0.00	29.22 -0.62 0.00	36.82 -0.77 0.00	38.50 -0.89 0.00	38.73 -0.90 0.00	34.58 -1.00 0.00
OAKDALE____35_KV_LOAD 356122	25.38 0.07 -0.76	19.19 0.03 -2.37	15.75 0.05 0.00	15.34 0.05 0.00	14.24 0.06 0.00	21.97 0.09 0.00	25.63 0.11 0.00	27.20 0.15 0.00	25.85 0.04 0.00	28.62 0.04 0.00	29.78 0.08 0.00	22.93 0.04 0.00	17.60 0.06 0.00	9.68 0.04 0.00	4.62 0.01 0.00	-12.77 -0.07 0.00	20.32 0.12 0.00	22.32 0.12 0.00	30.05 0.21 0.00	37.91 0.31 0.00	39.79 0.39 0.00	40.07 0.43 0.00	35.82 0.25 0.00
OCC_CHEM____DRP 24175	22.96 -1.94 -0.35	16.56 -1.30 -1.08	14.67 -1.03 0.00	14.17 -1.12 0.00	13.18 -1.01 0.00	20.34 -1.54 0.00	23.99 -1.53 0.00	25.59 -1.46 0.00	24.33 -1.48 0.00	26.87 -1.71 0.00	27.90 -1.81 0.00	21.42 -1.47 0.00	16.45 -1.09 0.00	9.04 -0.61 0.00	4.31 -0.31 0.00	-12.56 0.14 0.00	19.25 -0.95 0.00	20.88 -1.32 0.00	27.90 -1.94 0.00	34.71 -2.89 0.00	35.83 -3.56 0.00	35.90 -3.74 0.00	32.08 -3.50 0.00
OH_GEN_PROXY 24063	23.19 -1.70 -0.34	16.69 -1.15 -1.06	14.78 -0.92 0.00	14.28 -1.01 0.00	13.28 -0.90 0.00	20.50 -1.38 0.00	24.14 -1.38 0.00	25.76 -1.28 0.00	24.48 -1.33 0.00	27.04 -1.53 0.00	28.08 -1.62 0.00	21.56 -1.33 0.00	16.56 -0.98 0.00	9.10 -0.55 0.00	4.34 -0.28 0.00	-12.55 0.16 0.00	19.27 -0.92 0.00	20.94 -1.26 0.00	27.99 -1.85 0.00	34.93 -2.66 0.00	36.25 -3.14 0.00	36.49 -3.15 0.00	32.55 -3.03 0.00
OLIN_CORP_DRP 24177	22.91 -1.99 -0.35	16.54 -1.33 -1.09	14.64 -1.07 0.00	14.15 -1.14 0.00	13.16 -1.02 0.00	20.31 -1.57 0.00	23.98 -1.54 0.00	25.56 -1.49 0.00	24.29 -1.52 0.00	26.80 -1.78 0.00	27.83 -1.88 0.00	21.36 -1.52 0.00	16.40 -1.14 0.00	9.04 -0.61 0.00	4.31 -0.30 0.00	-12.53 0.17 0.00	19.13 -1.06 0.00	20.66 -1.55 0.00	27.52 -2.32 0.00	34.32 -3.27 0.00	35.62 -3.77 0.00	35.89 -3.75 0.00	32.12 -3.46 0.00
OLIN_CORP_DSASP 323712	22.96 -1.94 -0.35	16.56 -1.30 -1.08	14.67 -1.03 0.00	14.17 -1.12 0.00	13.18 -1.01 0.00	20.34 -1.54 0.00	23.99 -1.53 0.00	25.59 -1.46 0.00	24.33 -1.48 0.00	26.87 -1.71 0.00	27.90 -1.81 0.00	21.42 -1.47 0.00	16.45 -1.09 0.00	9.04 -0.61 0.00	4.31 -0.31 0.00	-12.56 0.14 0.00	19.25 -0.95 0.00	20.88 -1.32 0.00	27.90 -1.94 0.00	34.71 -2.89 0.00	35.83 -3.56 0.00	35.90 -3.74 0.00	32.08 -3.50 0.00
ONEIDA_HERK_LFGE 323681	24.99 0.34 -0.10	17.31 0.22 -0.30	15.95 0.24 0.00	15.58 0.28 0.00	14.47 0.29 0.00	22.30 0.42 0.00	25.98 0.46 0.00	27.61 0.56 0.00	26.29 0.48 0.00	29.09 0.51 0.00	30.16 0.45 0.00	23.18 0.29 0.00	17.68 0.14 0.00	9.63 -0.01 0.00	4.58 -0.04 0.00	-12.62 0.09 0.00	20.09 -0.10 0.00	22.18 -0.02 0.00	29.97 0.14 0.00	38.22 0.63 0.00	39.99 0.60 0.00	40.00 0.36 0.00	35.80 0.22 0.00
ONEIDA____115KV_TB4 55905	25.21 0.52 -0.14	17.59 0.36 -0.45	16.04 0.33 0.00	15.62 0.33 0.00	14.50 0.31 0.00	22.35 0.47 0.00	26.08 0.56 0.00	27.65 0.61 0.00	26.35 0.54 0.00	29.16 0.58 0.00	30.32 0.61 0.00	23.32 0.43 0.00	17.86 0.32 0.00	9.77 0.13 0.00	4.65 0.04 0.00	-12.78 -0.07 0.00	20.33 0.13 0.00	22.40 0.20 0.00	30.24 0.40 0.00	38.45 0.86 0.00	40.47 1.08 0.00	40.66 1.03 0.00	36.40 0.82 0.00
ONONDAGA_REF_OCCRA 23987	24.75 -0.06 -0.26	17.54 -0.05 -0.80	15.66 -0.04 0.00	15.25 -0.04 0.00	14.15 -0.03 0.00	21.82 -0.06 0.00	25.43 -0.09 0.00	26.97 -0.07 0.00	25.72 -0.09 0.00	28.50 -0.08 0.00	29.60 -0.10 0.00	22.79 -0.10 0.00	17.47 -0.07 0.00	9.58 -0.06 0.00	4.57 -0.05 0.00	-12.59 0.12 0.00	20.01 -0.19 0.00	22.00 -0.21 0.00	29.61 -0.23 0.00	37.41 -0.18 0.00	39.29 -0.10 0.00	39.52 -0.11 0.00	35.40 -0.18 0.00
ONONDAGA____COGEN 23986	24.68 -0.11 -0.24	17.45 -0.07 -0.74	15.64 -0.06 0.00	15.23 -0.07 0.00	14.13 -0.05 0.00	21.81 -0.07 0.00	25.44 -0.09 0.00	26.96 -0.08 0.00	25.69 -0.11 0.00	28.46 -0.11 0.00	29.58 -0.13 0.00	22.77 -0.12 0.00	17.44 -0.09 0.00	9.57 -0.07 0.00	4.56 -0.05 0.00	-12.58 0.12 0.00	19.99 -0.21 0.00	21.99 -0.21 0.00	29.59 -0.24 0.00	37.40 -0.20 0.00	39.25 -0.14 0.00	39.48 -0.15 0.00	35.36 -0.21 0.00
ONTARIO____LFGE 23819	24.72 -0.16 -0.32	17.68 -0.12 -1.01	15.64 -0.07 0.00	15.22 -0.07 0.00	14.14 -0.04 0.00	21.89 0.01 0.00	25.62 0.10 0.00	27.25 0.21 0.00	25.92 0.11 0.00	28.62 0.05 0.00	29.75 0.04 0.00	22.81 -0.08 0.00	17.45 -0.09 0.00	9.52 -0.13 0.00	4.52 -0.09 0.00	-12.60 0.11 0.00	19.91 -0.29 0.00	21.92 -0.28 0.00	29.67 -0.17 0.00	37.78 0.19 0.00	39.73 0.33 0.00	40.00 0.36 0.00	35.65 0.07 0.00
ORANGEVILLE_WT_PWR 323706	23.66 -1.30 -0.40	17.17 -0.88 -1.26	14.99 -0.71 0.00	14.55 -0.74 0.00	13.54 -0.64 0.00	21.01 -0.87 0.00	24.74 -0.79 0.00	26.41 -0.63 0.00	25.06 -0.74 0.00	27.67 -0.91 0.00	28.72 -0.99 0.00	21.90 -0.99 0.00	16.74 -0.80 0.00	9.16 -0.48 0.00	4.36 -0.25 0.00	-12.49 0.22 0.00	19.39 -0.80 0.00	21.16 -1.04 0.00	28.53 -1.31 0.00	36.10 -1.49 0.00	37.82 -1.57 0.00	38.10 -1.54 0.00	33.90 -1.68 0.00
ORANGEVILLE____ESR 323794	23.66 -1.30 -0.40	17.17 -0.88 -1.26	14.99 -0.71 0.00	14.55 -0.74 0.00	13.54 -0.64 0.00	21.01 -0.87 0.00	24.74 -0.79 0.00	26.41 -0.63 0.00	25.06 -0.74 0.00	27.67 -0.91 0.00	28.72 -0.99 0.00	21.90 -0.99 0.00	16.74 -0.80 0.00	9.16 -0.48 0.00	4.36 -0.25 0.00	-12.49 0.22 0.00	19.39 -0.80 0.00	21.16 -1.04 0.00	28.53 -1.31 0.00	36.10 -1.49 0.00	37.82 -1.57 0.00	38.10 -1.54 0.00	33.90 -1.68 0.00

OSWEGATCHIE___HYD 24044	24.25 -0.37 -0.07	16.73 -0.27 -0.21	15.49 -0.22 0.00	15.13 -0.16 0.00	14.05 -0.14 0.00	21.68 -0.20 0.00	25.27 -0.26 0.00	26.87 -0.17 0.00	25.61 -0.20 0.00	28.20 -0.38 0.00	29.14 -0.57 0.00	22.38 -0.50 0.00	17.05 -0.50 0.00	9.28 -0.36 0.00	4.41 -0.20 0.00	-12.17 0.54 0.00	19.29 -0.91 0.00	21.28 -0.92 0.00	28.80 -1.04 0.00	36.72 -0.87 0.00	38.37 -1.02 0.00	38.36 -1.27 0.00	34.34 -1.24 0.00
OSWEGO___5 23606	24.23 -0.49 -0.17	16.98 -0.33 -0.53	15.40 -0.30 0.00	14.99 -0.30 0.00	13.91 -0.27 0.00	21.46 -0.42 0.00	25.05 -0.47 0.00	26.55 -0.49 0.00	25.30 -0.50 0.00	28.02 -0.55 0.00	29.12 -0.59 0.00	22.43 -0.46 0.00	17.18 -0.36 0.00	9.44 -0.21 0.00	4.51 -0.10 0.00	-12.43 0.27 0.00	19.72 -0.47 0.00	21.67 -0.54 0.00	29.11 -0.73 0.00	36.71 -0.89 0.00	38.50 -0.89 0.00	38.75 -0.89 0.00	34.72 -0.85 0.00
OSWEGO___6 23613	24.23 -0.49 -0.17	16.98 -0.33 -0.53	15.40 -0.30 0.00	14.99 -0.30 0.00	13.91 -0.27 0.00	21.46 -0.42 0.00	25.05 -0.47 0.00	26.55 -0.49 0.00	25.30 -0.50 0.00	28.02 -0.55 0.00	29.12 -0.59 0.00	22.43 -0.46 0.00	17.18 -0.36 0.00	9.44 -0.21 0.00	4.51 -0.10 0.00	-12.43 0.27 0.00	19.72 -0.47 0.00	21.67 -0.54 0.00	29.11 -0.73 0.00	36.71 -0.89 0.00	38.50 -0.89 0.00	38.75 -0.89 0.00	34.72 -0.85 0.00
OUTOKUMPU-AB___DRP 24206	23.43 -1.47 -0.35	16.89 -0.99 -1.09	14.95 -0.75 0.00	14.45 -0.85 0.00	13.44 -0.74 0.00	20.76 -1.12 0.00	24.47 -1.05 0.00	26.10 -0.95 0.00	24.78 -1.02 0.00	27.38 -1.20 0.00	28.43 -1.28 0.00	21.81 -1.08 0.00	16.73 -0.81 0.00	9.20 -0.44 0.00	4.38 -0.23 0.00	-12.72 -0.02 0.00	19.53 -0.66 0.00	21.21 -1.00 0.00	28.38 -1.46 0.00	35.43 -2.17 0.00	36.76 -2.64 0.00	36.94 -2.69 0.00	32.94 -2.64 0.00
OXBOW___BTM 323836	23.28 -1.62 -0.35	16.78 -1.09 -1.09	14.86 -0.84 0.00	14.36 -0.93 0.00	13.36 -0.83 0.00	20.63 -1.25 0.00	24.33 -1.20 0.00	25.94 -1.11 0.00	24.65 -1.15 0.00	27.22 -1.35 0.00	28.27 -1.44 0.00	21.70 -1.19 0.00	16.65 -0.89 0.00	9.15 -0.49 0.00	4.36 -0.25 0.00	-12.69 0.02 0.00	19.46 -0.74 0.00	21.12 -1.08 0.00	28.24 -1.60 0.00	35.21 -2.38 0.00	36.44 -2.95 0.00	36.57 -3.06 0.00	32.65 -2.93 0.00
OXBOW___ 24026	23.28 -1.62 -0.35	16.78 -1.09 -1.09	14.86 -0.84 0.00	14.36 -0.93 0.00	13.36 -0.83 0.00	20.63 -1.25 0.00	24.32 -1.20 0.00	25.94 -1.11 0.00	24.66 -1.15 0.00	27.22 -1.35 0.00	28.27 -1.44 0.00	21.69 -1.20 0.00	16.65 -0.89 0.00	9.15 -0.49 0.00	4.36 -0.25 0.00	-12.69 0.02 0.00	19.46 -0.74 0.00	21.12 -1.08 0.00	28.25 -1.59 0.00	35.21 -2.39 0.00	36.44 -2.95 0.00	36.57 -3.07 0.00	32.65 -2.93 0.00
OXY_CHEM_DSASP 323612	22.96 -1.94 -0.35	16.56 -1.30 -1.08	14.67 -1.03 0.00	14.17 -1.12 0.00	13.18 -1.01 0.00	20.34 -1.54 0.00	23.99 -1.53 0.00	25.59 -1.46 0.00	24.33 -1.48 0.00	26.87 -1.71 0.00	27.90 -1.81 0.00	21.42 -1.47 0.00	16.45 -1.09 0.00	9.04 -0.61 0.00	4.31 -0.31 0.00	-12.56 0.14 0.00	19.25 -0.95 0.00	20.88 -1.32 0.00	27.90 -1.94 0.00	34.71 -2.89 0.00	35.83 -3.56 0.00	35.90 -3.74 0.00	32.08 -3.50 0.00
OZONE_PARK_ESR 323760	28.37 1.60 -2.22	24.71 1.02 -6.91	16.59 0.89 0.00	16.15 0.85 0.00	14.96 0.78 0.00	23.04 1.16 0.00	26.83 1.31 0.00	28.47 1.43 0.00	27.12 1.31 0.00	30.02 1.44 0.00	31.39 1.68 0.00	24.45 1.56 0.00	18.89 1.35 0.00	10.44 0.79 0.00	5.04 0.43 0.00	-13.91 -1.20 0.00	22.19 2.00 0.00	24.34 2.14 0.00	32.51 2.67 0.00	40.69 3.09 0.00	42.82 3.43 0.00	43.09 3.46 0.00	38.71 3.12 0.00
PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	22.96 -1.94 -0.35	16.56 -1.30 -1.08	14.67 -1.03 0.00	14.17 -1.12 0.00	13.18 -1.01 0.00	20.34 -1.54 0.00	23.99 -1.53 0.00	25.59 -1.46 0.00	24.33 -1.48 0.00	26.87 -1.71 0.00	27.90 -1.81 0.00	21.42 -1.47 0.00	16.45 -1.09 0.00	9.04 -0.61 0.00	4.31 -0.31 0.00	-12.56 0.14 0.00	19.25 -0.95 0.00	20.88 -1.32 0.00	27.90 -1.94 0.00	34.71 -2.89 0.00	35.83 -3.56 0.00	35.90 -3.74 0.00	32.08 -3.50 0.00
PACKARD___115KV_DUPONT_184 80571	22.96 -1.94 -0.35	16.57 -1.29 -1.08	14.67 -1.03 0.00	14.17 -1.12 0.00	13.18 -1.01 0.00	20.34 -1.54 0.00	23.99 -1.53 0.00	25.59 -1.46 0.00	24.33 -1.48 0.00	26.87 -1.71 0.00	27.90 -1.81 0.00	21.42 -1.47 0.00	16.45 -1.09 0.00	9.04 -0.61 0.00	4.31 -0.30 0.00	-12.56 0.14 0.00	19.24 -0.95 0.00	20.89 -1.31 0.00	27.90 -1.94 0.00	34.71 -2.89 0.00	35.83 -3.56 0.00	35.90 -3.73 0.00	32.08 -3.50 0.00
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	28.23 1.46 -2.22	24.61 0.91 -6.91	16.51 0.80 0.00	16.06 0.77 0.00	14.88 0.70 0.00	22.92 1.04 0.00	26.67 1.14 0.00	28.28 1.23 0.00	26.94 1.14 0.00	29.78 1.20 0.00	31.12 1.41 0.00	24.26 1.37 0.00	18.74 1.20 0.00	10.36 0.72 0.00	5.00 0.39 0.00	-13.80 -1.10 0.00	22.03 1.84 0.00	24.15 1.95 0.00	32.24 2.40 0.00	40.42 2.83 0.00	42.56 3.17 0.00	42.86 3.22 0.00	38.43 2.85 0.00
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	28.48 1.71 -2.22	24.79 1.10 -6.91	16.68 0.97 0.00	16.23 0.93 0.00	15.04 0.86 0.00	23.17 1.29 0.00	26.96 1.43 0.00	28.58 1.54 0.00	27.17 1.37 0.00	29.90 1.32 0.00	31.23 1.52 0.00	24.34 1.45 0.00	18.78 1.24 0.00	10.39 0.74 0.00	5.01 0.40 0.00	-13.81 -1.11 0.00	22.05 1.86 0.00	24.16 1.96 0.00	32.25 2.41 0.00	40.43 2.83 0.00	42.56 3.17 0.00	42.86 3.22 0.00	38.46 2.88 0.00
PATROON___115KV_TB1 80586	28.01 0.91 -2.55	25.33 0.60 -7.94	16.26 0.55 0.00	15.83 0.54 0.00	14.69 0.50 0.00	22.62 0.74 0.00	26.29 0.77 0.00	27.78 0.74 0.00	26.31 0.51 0.00	29.16 0.58 0.00	30.37 0.66 0.00	23.43 0.54 0.00	17.95 0.41 0.00	9.89 0.25 0.00	4.75 0.14 0.00	-12.98 -0.27 0.00	20.72 0.52 0.00	22.84 0.64 0.00	30.61 0.77 0.00	38.50 0.91 0.00	40.53 1.14 0.00	40.86 1.22 0.00	36.86 1.28 0.00
PATTRSNVILLE___SOLAR 323815	28.06 0.85 -2.66	25.65 0.58 -8.29	16.24 0.54 0.00	15.81 0.52 0.00	14.67 0.49 0.00	22.62 0.74 0.00	26.38 0.85 0.00	27.87 0.83 0.00	26.51 0.70 0.00	29.31 0.73 0.00	30.30 0.59 0.00	23.31 0.42 0.00	17.82 0.28 0.00	9.79 0.15 0.00	4.70 0.09 0.00	-12.83 -0.13 0.00	20.47 0.28 0.00	22.61 0.40 0.00	30.57 0.73 0.00	38.81 1.21 0.00	40.94 1.55 0.00	41.25 1.62 0.00	37.04 1.46 0.00
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	23.50 -1.44 -0.38	16.96 -1.01 -1.18	14.93 -0.78 0.00	14.46 -0.83 0.00	13.43 -0.75 0.00	20.77 -1.11 0.00	24.42 -1.10 0.00	26.08 -0.96 0.00	24.74 -1.07 0.00	27.35 -1.23 0.00	28.43 -1.29 0.00	21.78 -1.11 0.00	16.72 -0.82 0.00	9.19 -0.46 0.00	4.38 -0.23 0.00	-12.59 0.12 0.00	19.48 -0.72 0.00	21.21 -1.00 0.00	28.43 -1.41 0.00	35.56 -2.03 0.00	37.03 -2.36 0.00	37.26 -2.37 0.00	33.16 -2.43 0.00

PAWLING_115_KV_BK3_REV_LBMP_H 345028	28.26 1.46 -2.24	24.69 0.93 -6.98	16.53 0.83 0.00	16.10 0.80 0.00	14.92 0.74 0.00	22.97 1.09 0.00	26.75 1.23 0.00	28.37 1.33 0.00	27.02 1.21 0.00	29.95 1.37 0.00	31.30 1.59 0.00	24.29 1.40 0.00	18.73 1.19 0.00	10.34 0.69 0.00	4.98 0.37 0.00	-13.71 -1.01 0.00	21.91 1.72 0.00	24.08 1.88 0.00	32.28 2.44 0.00	40.49 2.90 0.00	42.60 3.21 0.00	42.88 3.24 0.00	38.46 2.88 0.00
PEEKSKILL____ 23653	28.06 1.29 -2.21	24.48 0.82 -6.88	16.42 0.72 0.00	15.98 0.69 0.00	14.82 0.63 0.00	22.80 0.93 0.00	26.54 1.02 0.00	28.16 1.12 0.00	26.80 1.00 0.00	29.69 1.11 0.00	31.04 1.34 0.00	24.12 1.23 0.00	18.61 1.07 0.00	10.29 0.64 0.00	4.96 0.35 0.00	-13.66 -0.96 0.00	21.82 1.62 0.00	23.95 1.74 0.00	32.04 2.20 0.00	40.16 2.57 0.00	42.27 2.88 0.00	42.54 2.90 0.00	38.21 2.63 0.00
PGE MADISON__WINDPWR 24146	26.16 0.88 -0.73	19.52 0.47 -2.27	16.34 0.63 0.00	16.01 0.72 0.00	14.96 0.78 0.00	23.11 1.23 0.00	27.07 1.55 0.00	28.80 1.76 0.00	27.40 1.60 0.00	30.30 1.72 0.00	31.37 1.66 0.00	24.01 1.12 0.00	18.22 0.69 0.00	10.03 0.38 0.00	4.71 0.10 0.00	-13.03 -0.32 0.00	20.44 0.25 0.00	22.62 0.42 0.00	31.10 1.27 0.00	40.32 2.73 0.00	42.69 3.30 0.00	42.84 3.20 0.00	38.24 2.67 0.00
PIERCEFIELD____HYD 23852	24.21 -0.38 -0.04	16.64 -0.25 -0.11	15.47 -0.24 0.00	15.08 -0.21 0.00	13.98 -0.21 0.00	21.60 -0.28 0.00	25.24 -0.28 0.00	26.83 -0.21 0.00	25.62 -0.18 0.00	28.16 -0.41 0.00	29.16 -0.54 0.00	22.39 -0.50 0.00	17.08 -0.46 0.00	9.35 -0.29 0.00	4.46 -0.15 0.00	-12.26 0.44 0.00	19.35 -0.84 0.00	21.30 -0.90 0.00	28.92 -0.91 0.00	36.69 -0.90 0.00	38.39 -1.01 0.00	38.49 -1.15 0.00	34.48 -1.09 0.00
PINELAWN_CC_1 323563	28.64 1.87 -2.22	24.88 1.18 -6.92	16.74 1.04 0.00	16.25 0.96 0.00	15.08 0.90 0.00	23.10 1.23 0.00	26.86 1.34 0.00	28.51 1.46 0.00	27.22 1.42 0.00	30.32 1.74 0.00	31.81 2.10 0.00	24.70 1.81 0.00	19.04 1.49 0.00	10.51 0.86 0.00	5.05 0.44 0.00	-13.96 -1.26 0.00	22.23 2.04 0.00	24.50 2.30 0.00	32.69 2.85 0.00	41.16 3.56 0.00	43.38 3.99 0.00	43.56 3.93 0.00	39.45 3.87 0.00
PJM_GEN_HTP_PROXY 323702	28.17 1.40 -2.22	24.59 0.89 -6.91	16.48 0.78 0.00	16.04 0.74 0.00	14.86 0.68 0.00	22.88 1.01 0.00	26.65 1.12 0.00	28.27 1.23 0.00	26.92 1.12 0.00	29.81 1.23 0.00	31.15 1.44 0.00	24.26 1.38 0.00	18.74 1.20 0.00	10.36 0.72 0.00	5.00 0.39 0.00	-13.81 -1.10 0.00	22.03 1.84 0.00	24.15 1.95 0.00	32.24 2.40 0.00	40.35 2.75 0.00	42.47 3.07 0.00	42.73 3.09 0.00	38.35 2.78 0.00
PJM_GEN_KEystone 24065	25.86 -0.07 -1.38	20.99 -0.09 -4.30	15.64 -0.07 0.00	15.22 -0.08 0.00	14.11 -0.07 0.00	21.75 -0.13 0.00	25.39 -0.13 0.00	27.01 -0.04 0.00	23.97 -0.20 1.64	28.34 -0.24 0.00	29.57 -0.14 0.00	13.00 -0.06 9.83	17.59 0.05 0.00	9.72 0.07 0.00	4.67 0.06 0.00	-13.04 -0.33 0.00	20.63 0.43 0.00	22.56 0.36 0.00	30.21 0.37 0.00	37.81 0.21 0.00	39.64 0.24 0.00	39.93 0.29 0.00	35.68 0.10 0.00
PJM_GEN_NEPTUNE_PROXY 323594	28.31 1.54 -2.22	24.66 0.96 -6.92	16.54 0.84 0.00	16.07 0.78 0.00	14.92 0.73 0.00	22.87 0.99 0.00	26.60 1.07 0.00	28.22 1.18 0.00	26.92 1.12 0.00	29.94 1.37 0.00	31.41 1.70 0.00	24.40 1.51 0.00	18.82 1.28 0.00	10.38 0.74 0.00	5.00 0.39 0.00	-13.82 -1.11 0.00	21.99 1.80 0.00	24.21 2.00 0.00	32.26 2.43 0.00	40.56 2.97 0.00	42.74 3.35 0.00	42.93 3.29 0.00	38.81 3.23 0.00
PJM_GEN_VFT_PROXY 323633	28.09 1.32 -2.22	24.52 0.82 -6.91	16.42 0.72 0.00	15.98 0.68 0.00	14.81 0.63 0.00	22.80 0.92 0.00	26.54 1.02 0.00	28.17 1.13 0.00	26.82 1.02 0.00	29.69 1.11 0.00	31.02 1.32 0.00	24.17 1.28 0.00	18.67 1.13 0.00	10.32 0.68 0.00	4.99 0.38 0.00	-13.77 -1.07 0.00	21.96 1.76 0.00	24.07 1.87 0.00	32.13 2.29 0.00	40.21 2.61 0.00	42.31 2.92 0.00	42.59 2.96 0.00	38.25 2.67 0.00
PLATSBURG_115KV_PMLD1 355749	24.51 -0.05 0.00	16.86 0.08 0.00	15.77 0.06 0.00	15.37 0.08 0.00	14.24 0.06 0.00	22.03 0.15 0.00	25.73 0.21 0.00	27.24 0.19 0.00	26.01 0.20 0.00	28.80 0.22 0.00	29.94 0.24 0.00	22.94 0.05 0.00	17.53 -0.01 0.00	9.65 0.00 0.00	4.61 -0.01 0.00	-12.68 0.03 0.00	20.12 -0.08 0.00	22.12 -0.09 0.00	29.75 -0.09 0.00	37.63 0.04 0.00	39.46 0.06 0.00	39.52 -0.12 0.00	35.44 -0.14 0.00
PLEASANTVLY____LBMP 24000	28.03 1.20 -2.28	24.65 0.76 -7.10	16.38 0.67 0.00	15.95 0.65 0.00	14.78 0.60 0.00	22.77 0.88 0.00	26.49 0.97 0.00	28.07 1.03 0.00	26.72 0.91 0.00	29.60 1.02 0.00	30.94 1.23 0.00	24.01 1.12 0.00	18.51 0.97 0.00	10.22 0.58 0.00	4.93 0.32 0.00	-13.54 -0.83 0.00	21.62 1.42 0.00	23.73 1.53 0.00	31.80 1.96 0.00	39.89 2.30 0.00	41.99 2.60 0.00	42.27 2.63 0.00	37.96 2.38 0.00
PLSNTVLE_13_KV_13.8KVDIST 80602	28.22 1.44 -2.23	24.64 0.91 -6.95	16.51 0.80 0.00	16.06 0.77 0.00	14.90 0.71 0.00	22.92 1.05 0.00	26.69 1.17 0.00	28.30 1.26 0.00	26.96 1.15 0.00	29.88 1.29 0.00	31.21 1.51 0.00	24.26 1.37 0.00	18.71 1.17 0.00	10.34 0.70 0.00	4.99 0.37 0.00	-13.72 -1.02 0.00	21.91 1.72 0.00	24.06 1.85 0.00	32.19 2.35 0.00	40.35 2.76 0.00	42.47 3.08 0.00	42.75 3.12 0.00	38.39 2.80 0.00
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	28.22 1.44 -2.23	24.64 0.91 -6.95	16.51 0.80 0.00	16.06 0.77 0.00	14.90 0.71 0.00	22.92 1.05 0.00	26.69 1.17 0.00	28.30 1.26 0.00	26.96 1.15 0.00	29.88 1.29 0.00	31.21 1.51 0.00	24.26 1.37 0.00	18.71 1.17 0.00	10.34 0.70 0.00	4.99 0.37 0.00	-13.72 -1.02 0.00	21.91 1.72 0.00	24.06 1.85 0.00	32.19 2.35 0.00	40.35 2.76 0.00	42.47 3.08 0.00	42.75 3.12 0.00	38.39 2.80 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	28.18 1.36 -2.26	24.70 0.87 -7.05	16.48 0.78 0.00	16.05 0.75 0.00	14.88 0.70 0.00	22.91 1.03 0.00	26.67 1.15 0.00	28.27 1.23 0.00	26.91 1.10 0.00	29.81 1.23 0.00	31.13 1.42 0.00	24.12 1.23 0.00	18.57 1.03 0.00	10.25 0.61 0.00	4.94 0.32 0.00	-13.57 -0.86 0.00	21.69 1.49 0.00	23.85 1.65 0.00	32.00 2.17 0.00	40.20 2.61 0.00	42.31 2.92 0.00	42.59 2.95 0.00	38.21 2.63 0.00
POLETTI____ 23519	28.19 1.42 -2.22	24.60 0.90 -6.91	16.50 0.79 0.00	16.05 0.76 0.00	14.88 0.69 0.00	22.90 1.03 0.00	26.66 1.14 0.00	28.29 1.25 0.00	26.93 1.13 0.00	29.82 1.24 0.00	31.16 1.46 0.00	24.28 1.39 0.00	18.75 1.21 0.00	10.37 0.72 0.00	5.00 0.39 0.00	-13.81 -1.11 0.00	22.03 1.84 0.00	24.16 1.96 0.00	32.24 2.41 0.00	40.36 2.76 0.00	42.47 3.07 0.00	42.74 3.10 0.00	38.39 2.80 0.00

POMONA___ESR 323819	28.06 1.32 -2.18	24.42 0.83 -6.80	16.44 0.73 0.00	16.00 0.71 0.00	14.83 0.64 0.00	22.82 0.95 0.00	26.57 1.05 0.00	28.20 1.16 0.00	26.83 1.02 0.00	29.72 1.14 0.00	31.08 1.37 0.00	24.14 1.25 0.00	18.62 1.08 0.00	10.30 0.65 0.00	4.97 0.36 0.00	-13.69 -0.99 0.00	21.87 1.67 0.00	24.00 1.80 0.00	32.13 2.30 0.00	40.27 2.67 0.00	42.36 2.96 0.00	42.64 3.00 0.00	38.28 2.70 0.00
PORT_JEFF_3 23555	28.75 1.98 -2.22	24.98 1.28 -6.92	16.83 1.13 0.00	16.34 1.04 0.00	15.15 0.97 0.00	23.18 1.30 0.00	26.93 1.41 0.00	28.58 1.54 0.00	27.30 1.49 0.00	30.47 1.89 0.00	31.94 2.23 0.00	24.79 1.91 0.00	19.11 1.57 0.00	10.54 0.89 0.00	5.07 0.46 0.00	-14.04 -1.34 0.00	22.32 2.12 0.00	24.66 2.46 0.00	32.89 3.05 0.00	41.40 3.81 0.00	43.61 4.22 0.00	43.71 4.07 0.00	39.67 4.08 0.00
PORT_JEFF_4 23616	28.75 1.98 -2.22	24.98 1.28 -6.92	16.83 1.13 0.00	16.34 1.04 0.00	15.15 0.97 0.00	23.18 1.30 0.00	26.93 1.41 0.00	28.58 1.54 0.00	27.30 1.49 0.00	30.47 1.89 0.00	31.94 2.23 0.00	24.79 1.91 0.00	19.11 1.57 0.00	10.54 0.89 0.00	5.07 0.46 0.00	-14.04 -1.34 0.00	22.32 2.12 0.00	24.66 2.46 0.00	32.89 3.05 0.00	41.40 3.81 0.00	43.61 4.22 0.00	43.71 4.07 0.00	39.67 4.08 0.00
PORT_JEFF_IC 23713	28.78 2.01 -2.22	25.00 1.30 -6.92	16.85 1.15 0.00	16.35 1.06 0.00	15.17 0.99 0.00	23.20 1.32 0.00	26.95 1.43 0.00	28.61 1.57 0.00	27.33 1.53 0.00	30.51 1.94 0.00	31.99 2.28 0.00	24.83 1.94 0.00	19.14 1.60 0.00	10.55 0.90 0.00	5.07 0.46 0.00	-14.06 -1.35 0.00	22.35 2.15 0.00	24.70 2.50 0.00	32.94 3.10 0.00	41.48 3.88 0.00	43.69 4.29 0.00	43.77 4.14 0.00	39.80 4.22 0.00
PPL PILGRIM_ST_GT1 24216	28.79 2.02 -2.22	25.00 1.30 -6.92	16.85 1.15 0.00	16.35 1.06 0.00	15.17 0.99 0.00	23.23 1.35 0.00	27.00 1.47 0.00	28.65 1.61 0.00	27.34 1.54 0.00	30.50 1.92 0.00	31.99 2.28 0.00	24.84 1.95 0.00	19.16 1.62 0.00	10.56 0.92 0.00	5.08 0.47 0.00	-14.05 -1.35 0.00	22.36 2.17 0.00	24.67 2.47 0.00	32.87 3.03 0.00	41.41 3.81 0.00	43.66 4.27 0.00	43.78 4.15 0.00	39.70 4.11 0.00
PPL PILGRIM_ST_GT2 24217	28.79 2.02 -2.22	25.00 1.30 -6.92	16.85 1.15 0.00	16.35 1.06 0.00	15.17 0.99 0.00	23.23 1.35 0.00	27.00 1.47 0.00	28.65 1.61 0.00	27.34 1.54 0.00	30.50 1.92 0.00	31.99 2.28 0.00	24.84 1.95 0.00	19.16 1.62 0.00	10.56 0.92 0.00	5.08 0.47 0.00	-14.05 -1.35 0.00	22.36 2.17 0.00	24.67 2.47 0.00	32.87 3.03 0.00	41.41 3.81 0.00	43.66 4.27 0.00	43.78 4.15 0.00	39.70 4.11 0.00
PPL_SHRM_GT3 24213	28.86 2.08 -2.22	25.05 1.35 -6.92	16.91 1.20 0.00	16.41 1.12 0.00	15.20 1.02 0.00	23.21 1.34 0.00	26.96 1.44 0.00	28.61 1.57 0.00	27.37 1.57 0.00	30.58 2.00 0.00	32.03 2.33 0.00	24.82 1.93 0.00	19.10 1.56 0.00	10.52 0.88 0.00	5.07 0.45 0.00	-14.08 -1.38 0.00	22.37 2.17 0.00	24.77 2.57 0.00	33.07 3.23 0.00	41.59 4.00 0.00	43.75 4.36 0.00	43.77 4.13 0.00	39.88 4.29 0.00
PPL_SHRM_GT4 24214	28.86 2.08 -2.22	25.05 1.35 -6.92	16.91 1.20 0.00	16.41 1.12 0.00	15.20 1.02 0.00	23.21 1.34 0.00	26.96 1.44 0.00	28.61 1.57 0.00	27.37 1.57 0.00	30.58 2.00 0.00	32.03 2.33 0.00	24.82 1.93 0.00	19.10 1.56 0.00	10.52 0.88 0.00	5.07 0.45 0.00	-14.08 -1.38 0.00	22.37 2.17 0.00	24.77 2.57 0.00	33.07 3.23 0.00	41.59 4.00 0.00	43.75 4.36 0.00	43.77 4.13 0.00	39.88 4.29 0.00
PROJECT___ORANGE 1 24174	24.56 -0.20 -0.21	17.30 -0.14 -0.66	15.57 -0.13 0.00	15.16 -0.13 0.00	14.07 -0.12 0.00	21.70 -0.18 0.00	25.33 -0.19 0.00	26.85 -0.19 0.00	25.59 -0.21 0.00	28.36 -0.22 0.00	29.47 -0.24 0.00	22.70 -0.19 0.00	17.40 -0.14 0.00	9.55 -0.10 0.00	4.55 -0.06 0.00	-12.56 0.14 0.00	19.94 -0.25 0.00	21.92 -0.28 0.00	29.49 -0.35 0.00	37.22 -0.37 0.00	39.05 -0.34 0.00	39.28 -0.35 0.00	35.18 -0.39 0.00
PROJECT___ORANGE 2 24166	24.56 -0.20 -0.21	17.30 -0.14 -0.66	15.57 -0.13 0.00	15.16 -0.13 0.00	14.07 -0.12 0.00	21.70 -0.18 0.00	25.33 -0.19 0.00	26.85 -0.19 0.00	25.59 -0.21 0.00	28.36 -0.22 0.00	29.47 -0.24 0.00	22.70 -0.19 0.00	17.40 -0.14 0.00	9.55 -0.10 0.00	4.55 -0.06 0.00	-12.56 0.14 0.00	19.94 -0.25 0.00	21.92 -0.28 0.00	29.49 -0.35 0.00	37.22 -0.37 0.00	39.05 -0.34 0.00	39.28 -0.35 0.00	35.18 -0.39 0.00
PUCKETT___SOLAR 323809	25.59 0.25 -0.78	19.37 0.15 -2.44	15.87 0.16 0.00	15.46 0.17 0.00	14.39 0.21 0.00	22.22 0.34 0.00	25.97 0.44 0.00	27.55 0.51 0.00	26.17 0.37 0.00	28.94 0.36 0.00	30.06 0.36 0.00	23.08 0.18 0.00	17.68 0.14 0.00	9.71 0.06 0.00	4.60 -0.01 0.00	-12.75 -0.05 0.00	20.24 0.04 0.00	22.30 0.10 0.00	30.24 0.41 0.00	38.46 0.87 0.00	40.44 1.05 0.00	40.69 1.05 0.00	36.36 0.78 0.00
PYRITES___HYD 24023	24.61 0.03 -0.03	16.91 0.03 -0.10	15.73 0.02 0.00	15.33 0.03 0.00	14.20 0.02 0.00	21.96 0.08 0.00	25.68 0.16 0.00	27.27 0.23 0.00	26.07 0.26 0.00	28.66 0.09 0.00	29.60 -0.11 0.00	22.65 -0.24 0.00	17.26 -0.28 0.00	9.45 -0.19 0.00	4.49 -0.12 0.00	-12.40 0.31 0.00	19.59 -0.60 0.00	21.55 -0.65 0.00	29.20 -0.64 0.00	37.23 -0.36 0.00	39.17 -0.22 0.00	39.31 -0.33 0.00	35.19 -0.38 0.00
QUAKERRD_115KV_BK1 80622	23.82 -1.00 -0.26	16.92 -0.69 -0.82	15.11 -0.60 0.00	14.66 -0.63 0.00	13.62 -0.57 0.00	21.02 -0.85 0.00	24.62 -0.91 0.00	26.19 -0.86 0.00	24.94 -0.87 0.00	27.60 -0.98 0.00	28.69 -1.02 0.00	22.04 -0.85 0.00	16.86 -0.68 0.00	9.21 -0.43 0.00	4.40 -0.21 0.00	-12.35 0.35 0.00	19.41 -0.78 0.00	21.32 -0.89 0.00	28.70 -1.14 0.00	36.20 -1.40 0.00	37.84 -1.55 0.00	38.07 -1.57 0.00	34.01 -1.57 0.00
QUENSBRY_115KV_TB8 356137	29.07 1.92 -2.60	26.14 1.25 -8.11	16.87 1.17 0.00	16.45 1.16 0.00	15.29 1.11 0.00	23.44 1.56 0.00	27.25 1.73 0.00	28.82 1.78 0.00	27.45 1.64 0.00	30.46 1.88 0.00	31.40 1.70 0.00	24.06 1.17 0.00	18.28 0.74 0.00	10.04 0.40 0.00	4.84 0.23 0.00	-13.12 -0.42 0.00	21.22 1.02 0.00	23.72 1.52 0.00	32.13 2.29 0.00	40.58 2.98 0.00	42.73 3.34 0.00	43.15 3.51 0.00	38.57 2.99 0.00
RAMAPO___LBMP 323565	27.95 1.23 -2.17	24.33 0.77 -6.78	16.38 0.68 0.00	15.94 0.65 0.00	14.78 0.59 0.00	22.75 0.87 0.00	26.48 0.95 0.00	28.10 1.05 0.00	26.73 0.92 0.00	29.60 1.02 0.00	30.95 1.24 0.00	24.03 1.15 0.00	18.54 1.00 0.00	10.26 0.61 0.00	4.95 0.34 0.00	-13.63 -0.93 0.00	21.76 1.56 0.00	23.88 1.67 0.00	31.96 2.12 0.00	40.08 2.49 0.00	42.16 2.77 0.00	42.44 2.81 0.00	38.10 2.52 0.00

RANKINE____ 23646	23.58 -1.35 -0.37	17.01 -0.93 -1.16	14.99 -0.71 0.00	14.52 -0.77 0.00	13.50 -0.69 0.00	20.86 -1.02 0.00	24.56 -0.96 0.00	26.22 -0.83 0.00	24.87 -0.93 0.00	27.50 -1.08 0.00	28.56 -1.15 0.00	21.88 -1.01 0.00	16.80 -0.75 0.00	9.23 -0.42 0.00	4.40 -0.21 0.00	-12.67 0.03 0.00	19.57 -0.62 0.00	21.29 -0.91 0.00	28.53 -1.31 0.00	35.71 -1.89 0.00	37.16 -2.23 0.00	37.43 -2.20 0.00	33.30 -2.29 0.00
RAVENSWOOD_GT2_1 24244	28.20 1.43 -2.22	24.60 0.90 -6.91	16.50 0.79 0.00	16.05 0.76 0.00	14.88 0.69 0.00	22.90 1.03 0.00	26.66 1.14 0.00	28.29 1.25 0.00	26.94 1.14 0.00	29.82 1.24 0.00	31.16 1.46 0.00	24.28 1.39 0.00	18.75 1.21 0.00	10.37 0.72 0.00	5.00 0.39 0.00	-13.81 -1.10 0.00	22.03 1.84 0.00	24.16 1.96 0.00	32.25 2.41 0.00	40.36 2.76 0.00	42.47 3.08 0.00	42.75 3.11 0.00	38.39 2.81 0.00
RAVENSWOOD_GT2_2 24245	28.20 1.43 -2.22	24.60 0.90 -6.91	16.50 0.79 0.00	16.05 0.76 0.00	14.88 0.69 0.00	22.90 1.03 0.00	26.66 1.14 0.00	28.29 1.25 0.00	26.94 1.14 0.00	29.82 1.24 0.00	31.16 1.46 0.00	24.28 1.39 0.00	18.75 1.21 0.00	10.37 0.72 0.00	5.00 0.39 0.00	-13.81 -1.10 0.00	22.03 1.84 0.00	24.16 1.96 0.00	32.25 2.41 0.00	40.36 2.76 0.00	42.47 3.08 0.00	42.75 3.11 0.00	38.39 2.81 0.00
RAVENSWOOD_GT2_3 24246	28.21 1.44 -2.22	24.61 0.91 -6.91	16.50 0.80 0.00	16.06 0.76 0.00	14.88 0.70 0.00	22.91 1.03 0.00	26.67 1.15 0.00	28.30 1.26 0.00	26.95 1.15 0.00	29.84 1.26 0.00	31.18 1.47 0.00	24.29 1.40 0.00	18.76 1.22 0.00	10.37 0.73 0.00	5.01 0.40 0.00	-13.81 -1.11 0.00	22.04 1.85 0.00	24.18 1.97 0.00	32.26 2.42 0.00	40.38 2.79 0.00	42.50 3.11 0.00	42.76 3.13 0.00	38.42 2.84 0.00
RAVENSWOOD_GT2_4 24247	28.21 1.44 -2.22	24.61 0.91 -6.91	16.50 0.80 0.00	16.06 0.76 0.00	14.88 0.70 0.00	22.91 1.03 0.00	26.67 1.15 0.00	28.30 1.26 0.00	26.95 1.15 0.00	29.84 1.26 0.00	31.18 1.47 0.00	24.29 1.40 0.00	18.76 1.22 0.00	10.37 0.73 0.00	5.01 0.40 0.00	-13.81 -1.11 0.00	22.04 1.85 0.00	24.18 1.97 0.00	32.26 2.42 0.00	40.38 2.79 0.00	42.50 3.11 0.00	42.76 3.13 0.00	38.42 2.84 0.00
RAVENSWOOD_GT3_1 24248	28.20 1.43 -2.22	24.60 0.91 -6.91	16.50 0.79 0.00	16.05 0.76 0.00	14.88 0.70 0.00	22.90 1.03 0.00	26.67 1.14 0.00	28.29 1.25 0.00	26.94 1.14 0.00	29.82 1.25 0.00	31.16 1.46 0.00	24.28 1.39 0.00	18.76 1.22 0.00	10.37 0.72 0.00	5.00 0.39 0.00	-13.81 0.00 0.00	22.03 1.84 0.00	24.16 1.96 0.00	32.25 2.41 0.00	40.36 2.77 0.00	42.47 3.08 0.00	42.75 3.11 0.00	38.39 2.81 0.00
RAVENSWOOD_GT3_2 24249	28.20 1.43 -2.22	24.60 0.91 -6.91	16.50 0.79 0.00	16.05 0.76 0.00	14.88 0.70 0.00	22.90 1.03 0.00	26.67 1.14 0.00	28.29 1.25 0.00	26.94 1.14 0.00	29.82 1.25 0.00	31.16 1.46 0.00	24.28 1.39 0.00	18.76 1.22 0.00	10.37 0.72 0.00	5.00 0.39 0.00	-13.81 -1.11 0.00	22.03 1.84 0.00	24.16 1.96 0.00	32.25 2.41 0.00	40.36 2.77 0.00	42.47 3.08 0.00	42.75 3.11 0.00	38.39 2.81 0.00
RAVENSWOOD_GT3_3 24250	28.23 1.46 -2.22	24.62 0.92 -6.91	16.52 0.81 0.00	16.07 0.78 0.00	14.90 0.71 0.00	22.93 1.05 0.00	26.70 1.18 0.00	28.33 1.28 0.00	26.97 1.17 0.00	29.86 1.29 0.00	31.21 1.50 0.00	24.31 1.42 0.00	18.78 1.24 0.00	10.38 0.74 0.00	5.01 0.40 0.00	-13.83 -1.12 0.00	22.06 1.87 0.00	24.20 2.00 0.00	32.29 2.45 0.00	40.42 2.83 0.00	42.54 3.15 0.00	42.80 3.17 0.00	38.46 2.88 0.00
RAVENSWOOD_GT3_4 24251	28.23 1.46 -2.22	24.62 0.92 -6.91	16.52 0.81 0.00	16.07 0.78 0.00	14.90 0.71 0.00	22.93 1.05 0.00	26.70 1.18 0.00	28.33 1.28 0.00	26.97 1.17 0.00	29.86 1.29 0.00	31.21 1.50 0.00	24.31 1.42 0.00	18.78 1.24 0.00	10.38 0.74 0.00	5.01 0.40 0.00	-13.83 -1.12 0.00	22.06 1.87 0.00	24.20 2.00 0.00	32.29 2.45 0.00	40.42 2.83 0.00	42.54 3.15 0.00	42.80 3.17 0.00	38.46 2.88 0.00
RAVENSWOOD_GT_1 23729	28.25 1.48 -2.22	24.64 0.94 -6.91	16.52 0.82 0.00	16.08 0.78 0.00	14.90 0.71 0.00	22.95 1.07 0.00	26.70 1.18 0.00	28.33 1.29 0.00	27.00 1.19 0.00	29.85 1.27 0.00	31.17 1.46 0.00	24.33 1.43 0.00	18.79 1.24 0.00	10.38 0.74 0.00	5.02 0.41 0.00	-13.84 -1.13 0.00	22.09 1.90 0.00	24.22 2.01 0.00	32.27 2.44 0.00	40.39 2.80 0.00	42.52 3.13 0.00	42.81 3.18 0.00	38.42 2.85 0.00
RAVENSWOOD_GT_10 24258	28.20 1.43 -2.22	24.60 0.91 -6.91	16.50 0.79 0.00	16.05 0.76 0.00	14.88 0.70 0.00	22.90 1.03 0.00	26.67 1.14 0.00	28.29 1.25 0.00	26.94 1.14 0.00	29.83 1.25 0.00	31.17 1.46 0.00	24.28 1.39 0.00	18.75 1.21 0.00	10.37 0.72 0.00	5.00 0.39 0.00	-13.81 -1.10 0.00	22.03 1.84 0.00	24.16 1.96 0.00	32.25 2.41 0.00	40.36 2.77 0.00	42.47 3.08 0.00	42.75 3.11 0.00	38.39 2.81 0.00
RAVENSWOOD_GT_11 24259	28.20 1.43 -2.22	24.60 0.91 -6.91	16.50 0.79 0.00	16.05 0.76 0.00	14.88 0.70 0.00	22.90 1.03 0.00	26.67 1.14 0.00	28.29 1.25 0.00	26.94 1.14 0.00	29.83 1.25 0.00	31.17 1.46 0.00	24.28 1.39 0.00	18.75 1.21 0.00	10.37 0.72 0.00	5.00 0.39 0.00	-13.81 -1.10 0.00	22.03 1.84 0.00	24.16 1.96 0.00	32.25 2.41 0.00	40.36 2.77 0.00	42.47 3.08 0.00	42.75 3.11 0.00	38.39 2.81 0.00
RAVENSWOOD_GT_4 24252	28.20 1.43 -2.22	24.61 0.91 -6.91	16.50 0.79 0.00	16.05 0.76 0.00	14.88 0.70 0.00	22.90 1.03 0.00	26.66 1.14 0.00	28.29 1.25 0.00	26.94 1.14 0.00	29.82 1.24 0.00	31.17 1.46 0.00	24.29 1.40 0.00	18.76 1.22 0.00	10.37 0.73 0.00	5.01 0.40 0.00	-13.81 -1.11 0.00	22.05 1.85 0.00	24.17 1.97 0.00	32.25 2.41 0.00	40.37 2.78 0.00	42.50 3.10 0.00	42.76 3.12 0.00	38.39 2.81 0.00
RAVENSWOOD_GT_5 24254	28.20 1.43 -2.22	24.61 0.91 -6.91	16.50 0.79 0.00	16.05 0.76 0.00	14.88 0.70 0.00	22.90 1.03 0.00	26.66 1.14 0.00	28.29 1.25 0.00	26.94 1.14 0.00	29.82 1.24 0.00	31.17 1.46 0.00	24.29 1.40 0.00	18.76 1.22 0.00	10.37 0.73 0.00	5.01 0.40 0.00	-13.81 -1.11 0.00	22.05 1.85 0.00	24.17 1.97 0.00	32.25 2.41 0.00	40.37 2.78 0.00	42.50 3.10 0.00	42.76 3.12 0.00	38.39 2.81 0.00
RAVENSWOOD_GT_6 24253	28.20 1.43 -2.22	24.61 0.91 -6.91	16.50 0.79 0.00	16.05 0.76 0.00	14.88 0.70 0.00	22.90 1.03 0.00	26.66 1.14 0.00	28.29 1.25 0.00	26.94 1.14 0.00	29.82 1.24 0.00	31.17 1.46 0.00	24.29 1.40 0.00	18.76 1.22 0.00	10.37 0.73 0.00	5.01 0.40 0.00	-13.81 -1.11 0.00	22.05 1.85 0.00	24.17 1.97 0.00	32.25 2.41 0.00	40.37 2.78 0.00	42.50 3.10 0.00	42.76 3.12 0.00	38.39 2.81 0.00

RAVENSWOOD_GT_7 24255	28.20 1.43 -2.22	24.61 0.91 -6.91	16.50 0.79 0.00	16.05 0.76 0.00	14.88 0.70 0.00	22.90 1.03 0.00	26.66 1.14 0.00	28.29 1.25 0.00	26.94 1.14 0.00	29.82 1.24 0.00	31.17 1.46 0.00	24.29 1.40 0.00	18.76 1.22 0.00	10.37 0.73 0.00	5.01 0.40 0.00	-13.81 -1.11 0.00	22.05 1.85 0.00	24.17 1.97 0.00	32.25 2.41 0.00	40.37 2.78 0.00	42.50 3.10 0.00	42.76 3.12 0.00	38.39 2.81 0.00
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	28.20 1.43 -2.22	24.60 0.91 -6.91	16.50 0.79 0.00	16.05 0.76 0.00	14.88 0.70 0.00	22.90 1.03 0.00	26.67 1.14 0.00	28.29 1.25 0.00	26.94 1.14 0.00	29.83 1.25 0.00	31.17 1.46 0.00	24.28 1.39 0.00	18.75 1.21 0.00	10.37 0.72 0.00	5.00 0.39 0.00	-13.81 -1.10 0.00	22.03 1.84 0.00	24.16 1.96 0.00	32.25 2.41 0.00	40.36 2.77 0.00	42.47 3.08 0.00	42.75 3.11 0.00	38.39 2.81 0.00
RAVENSWOOD_GT_9 24257	28.20 1.43 -2.22	24.60 0.91 -6.91	16.50 0.79 0.00	16.05 0.76 0.00	14.88 0.70 0.00	22.90 1.03 0.00	26.67 1.14 0.00	28.29 1.25 0.00	26.94 1.14 0.00	29.83 1.25 0.00	31.17 1.46 0.00	24.28 1.39 0.00	18.75 1.21 0.00	10.37 0.72 0.00	5.00 0.39 0.00	-13.81 -1.10 0.00	22.03 1.84 0.00	24.16 1.96 0.00	32.25 2.41 0.00	40.36 2.77 0.00	42.47 3.08 0.00	42.75 3.11 0.00	38.39 2.81 0.00
RAVENSWOOD___1 23533	28.21 1.44 -2.22	24.61 0.92 -6.91	16.51 0.80 0.00	16.06 0.77 0.00	14.88 0.70 0.00	22.92 1.04 0.00	26.67 1.14 0.00	28.30 1.26 0.00	26.96 1.16 0.00	29.83 1.25 0.00	31.16 1.46 0.00	24.30 1.41 0.00	18.78 1.23 0.00	10.38 0.73 0.00	5.01 0.40 0.00	-13.83 -1.12 0.00	22.07 1.87 0.00	24.20 2.00 0.00	32.26 2.43 0.00	40.39 2.80 0.00	42.51 3.12 0.00	42.78 3.14 0.00	38.42 2.85 0.00
RAVENSWOOD___2 23534	28.21 1.44 -2.22	24.61 0.92 -6.91	16.51 0.80 0.00	16.06 0.77 0.00	14.88 0.70 0.00	22.92 1.04 0.00	26.67 1.14 0.00	28.30 1.26 0.00	26.96 1.16 0.00	29.83 1.25 0.00	31.16 1.46 0.00	24.30 1.41 0.00	18.78 1.23 0.00	10.38 0.73 0.00	5.01 0.40 0.00	-13.83 -1.12 0.00	22.07 1.87 0.00	24.20 2.00 0.00	32.26 2.43 0.00	40.39 2.80 0.00	42.51 3.12 0.00	42.78 3.14 0.00	38.42 2.85 0.00
RAVENSWOOD___3 23535	28.20 1.43 -2.22	24.60 0.91 -6.91	16.50 0.79 0.00	16.05 0.76 0.00	14.88 0.70 0.00	22.90 1.03 0.00	26.67 1.14 0.00	28.30 1.26 0.00	26.94 1.14 0.00	29.83 1.25 0.00	31.17 1.46 0.00	24.28 1.39 0.00	18.76 1.22 0.00	10.37 0.72 0.00	5.00 0.39 0.00	-13.81 -1.11 0.00	22.03 1.84 0.00	24.16 1.96 0.00	32.25 2.41 0.00	40.36 2.77 0.00	42.47 3.08 0.00	42.75 3.12 0.00	38.39 2.81 0.00
RAVENSWOOD___4 23820	28.21 1.44 -2.22	24.61 0.92 -6.91	16.51 0.80 0.00	16.06 0.77 0.00	14.88 0.70 0.00	22.92 1.04 0.00	26.67 1.14 0.00	28.30 1.26 0.00	26.96 1.16 0.00	29.83 1.25 0.00	31.16 1.46 0.00	24.30 1.41 0.00	18.78 1.23 0.00	10.38 0.73 0.00	5.01 0.40 0.00	-13.83 -1.12 0.00	22.07 1.87 0.00	24.20 2.00 0.00	32.26 2.43 0.00	40.39 2.80 0.00	42.51 3.12 0.00	42.78 3.14 0.00	38.42 2.85 0.00
RCPL_TRUST___DRP 24196	28.33 1.56 -2.22	24.70 1.00 -6.91	16.58 0.88 0.00	16.13 0.84 0.00	14.95 0.77 0.00	23.03 1.15 0.00	26.81 1.29 0.00	28.46 1.42 0.00	27.12 1.31 0.00	30.03 1.45 0.00	31.38 1.67 0.00	24.45 1.56 0.00	18.89 1.35 0.00	10.44 0.80 0.00	5.04 0.43 0.00	-13.93 -1.23 0.00	22.23 2.03 0.00	24.36 2.16 0.00	32.51 2.67 0.00	40.66 3.06 0.00	42.78 3.39 0.00	43.04 3.40 0.00	38.64 3.05 0.00
RED___ROCHESTER 323720	24.38 -0.45 -0.27	17.31 -0.31 -0.84	15.47 -0.24 0.00	15.00 -0.30 0.00	13.93 -0.26 0.00	21.51 -0.37 0.00	25.22 -0.31 0.00	26.83 -0.21 0.00	25.56 -0.25 0.00	28.27 -0.30 0.00	29.39 -0.32 0.00	22.57 -0.32 0.00	17.26 -0.29 0.00	9.43 -0.22 0.00	4.50 -0.11 0.00	-12.71 0.00 0.00	19.92 -0.28 0.00	21.87 -0.33 0.00	29.47 -0.37 0.00	37.16 -0.43 0.00	38.82 -0.57 0.00	39.05 -0.58 0.00	34.86 -0.71 0.00
REGAN___SOLAR 323812	28.49 1.18 -2.76	26.17 0.79 -8.59	16.45 0.75 0.00	16.01 0.72 0.00	14.87 0.69 0.00	22.97 1.09 0.00	26.82 1.30 0.00	28.31 1.27 0.00	26.95 1.15 0.00	29.64 1.06 0.00	30.39 0.68 0.00	23.25 0.36 0.00	17.69 0.15 0.00	9.68 0.04 0.00	4.65 0.04 0.00	-12.63 0.07 0.00	20.08 -0.12 0.00	22.12 -0.08 0.00	30.30 0.46 0.00	39.25 1.66 0.00	41.74 2.35 0.00	42.02 2.39 0.00	37.61 2.04 0.00
RENSSELAER___COGEN 23796	27.88 0.81 -2.53	25.19 0.54 -7.87	16.19 0.49 0.00	15.77 0.48 0.00	14.62 0.44 0.00	22.52 0.65 0.00	26.18 0.66 0.00	27.66 0.62 0.00	26.20 0.40 0.00	29.02 0.44 0.00	30.23 0.53 0.00	23.32 0.43 0.00	17.87 0.33 0.00	9.85 0.21 0.00	4.73 0.12 0.00	-12.92 -0.21 0.00	20.63 0.43 0.00	22.73 0.52 0.00	30.43 0.59 0.00	38.28 0.68 0.00	40.32 0.93 0.00	40.65 1.01 0.00	36.68 1.10 0.00
REPUBLIC_115KV_BARTNBRK 55605	30.22 3.07 -2.60	26.83 1.94 -8.10	17.56 1.86 0.00	17.16 1.86 0.00	15.99 1.80 0.00	24.25 2.37 0.00	28.22 2.69 0.00	29.73 2.69 0.00	28.34 2.54 0.00	31.42 2.84 0.00	32.40 2.69 0.00	24.66 1.77 0.00	18.69 1.15 0.00	10.28 0.63 0.00	4.98 0.37 0.00	-13.36 -0.66 0.00	21.70 1.51 0.00	24.59 2.39 0.00	33.38 3.54 0.00	42.08 4.49 0.00	44.74 5.35 0.00	45.12 5.49 0.00	40.00 4.42 0.00
REVERE_CPPR_DRP 24186	25.36 0.68 -0.13	17.64 0.46 -0.40	16.15 0.44 0.00	15.74 0.45 0.00	14.61 0.43 0.00	22.53 0.65 0.00	26.30 0.77 0.00	27.89 0.84 0.00	26.59 0.78 0.00	29.42 0.84 0.00	30.57 0.86 0.00	23.50 0.61 0.00	17.96 0.42 0.00	9.80 0.16 0.00	4.66 0.04 0.00	-12.81 -0.11 0.00	20.39 0.19 0.00	22.50 0.30 0.00	30.43 0.59 0.00	38.82 1.22 0.00	40.76 1.37 0.00	40.90 1.26 0.00	36.58 1.00 0.00
REYNLDDPA_13_KV_LD 356490	24.44 -0.11 0.00	16.72 -0.07 0.00	15.64 -0.06 0.00	15.23 -0.06 0.00	14.11 -0.07 0.00	21.81 -0.07 0.00	25.50 -0.03 0.00	27.08 0.04 0.00	25.89 0.08 0.00	28.64 0.07 0.00	29.74 0.04 0.00	22.86 -0.03 0.00	17.48 -0.06 0.00	9.60 -0.04 0.00	4.58 -0.03 0.00	-12.68 0.03 0.00	20.08 -0.12 0.00	22.07 -0.13 0.00	29.72 -0.12 0.00	37.47 -0.12 0.00	39.12 -0.27 0.00	39.28 -0.35 0.00	35.27 -0.32 0.00
REYNOLDS_115KV_TB3 80639	28.04 0.96 -2.53	25.30 0.63 -7.89	16.29 0.58 0.00	15.86 0.57 0.00	14.70 0.52 0.00	22.65 0.77 0.00	26.33 0.81 0.00	27.81 0.77 0.00	26.37 0.57 0.00	29.25 0.67 0.00	30.43 0.72 0.00	23.48 0.59 0.00	17.99 0.45 0.00	9.93 0.28 0.00	4.76 0.15 0.00	-12.99 -0.28 0.00	20.75 0.55 0.00	22.88 0.68 0.00	30.63 0.79 0.00	38.51 0.92 0.00	40.57 1.18 0.00	40.93 1.29 0.00	36.93 1.35 0.00

RIVERBAY____ 323610	28.48 1.71 -2.22	24.79 1.10 -6.91	16.68 0.97 0.00	16.23 0.93 0.00	15.04 0.86 0.00	23.17 1.29 0.00	26.96 1.43 0.00	28.58 1.54 0.00	27.17 1.37 0.00	29.90 1.32 0.00	31.23 1.52 0.00	24.34 1.45 0.00	18.78 1.24 0.00	10.39 0.74 0.00	5.01 0.40 0.00	-13.81 -1.11 0.00	22.05 1.86 0.00	24.16 1.96 0.00	32.25 2.41 0.00	40.43 2.83 0.00	42.56 3.17 0.00	42.86 3.22 0.00	38.46 2.88 0.00
RIVERSDE_115KV_TB3 55908	27.99 0.90 -2.54	25.28 0.59 -7.90	16.25 0.55 0.00	15.82 0.53 0.00	14.67 0.49 0.00	22.60 0.73 0.00	26.27 0.75 0.00	27.75 0.71 0.00	26.30 0.50 0.00	29.15 0.57 0.00	30.35 0.64 0.00	23.42 0.53 0.00	17.94 0.40 0.00	9.89 0.25 0.00	4.75 0.14 0.00	-12.96 -0.26 0.00	20.70 0.50 0.00	22.82 0.61 0.00	30.55 0.72 0.00	38.43 0.83 0.00	40.47 1.08 0.00	40.81 1.18 0.00	36.82 1.25 0.00
ROARING__BROOK_WT_PWR 323790	24.26 -0.29 0.00	16.60 -0.19 0.00	15.54 -0.16 0.00	15.20 -0.10 0.00	14.10 -0.08 0.00	21.75 -0.12 0.00	25.37 -0.15 0.00	26.97 -0.07 0.00	25.72 -0.08 0.00	28.50 -0.08 0.00	29.61 -0.09 0.00	22.78 -0.11 0.00	17.45 -0.09 0.00	9.57 -0.07 0.00	4.57 -0.04 0.00	-12.63 0.07 0.00	20.10 -0.10 0.00	22.11 -0.10 0.00	29.72 -0.12 0.00	37.49 -0.10 0.00	39.14 -0.25 0.00	39.25 -0.38 0.00	35.16 -0.42 0.00
ROCHESRG_115KV_T4 355643	24.13 -0.68 -0.27	17.15 -0.47 -0.83	15.33 -0.38 0.00	14.86 -0.43 0.00	13.81 -0.38 0.00	21.31 -0.56 0.00	24.98 -0.54 0.00	26.58 -0.46 0.00	25.31 -0.50 0.00	28.00 -0.58 0.00	29.09 -0.62 0.00	22.35 -0.54 0.00	17.10 -0.45 0.00	9.35 -0.29 0.00	4.47 -0.15 0.00	-12.60 0.11 0.00	19.73 -0.47 0.00	21.63 -0.57 0.00	29.09 -0.74 0.00	36.63 -0.96 0.00	38.29 -1.10 0.00	38.54 -1.10 0.00	34.40 -1.17 0.00
ROCHESTER_9_IC 23652	24.30 -0.52 -0.27	17.26 -0.37 -0.84	15.42 -0.28 0.00	14.96 -0.34 0.00	13.89 -0.29 0.00	21.45 -0.43 0.00	25.14 -0.38 0.00	26.76 -0.28 0.00	25.48 -0.33 0.00	28.19 -0.39 0.00	29.30 -0.41 0.00	22.50 -0.39 0.00	17.20 -0.34 0.00	9.40 -0.25 0.00	4.49 -0.12 0.00	-12.67 0.04 0.00	19.84 -0.35 0.00	21.79 -0.41 0.00	29.33 -0.51 0.00	36.97 -0.62 0.00	38.64 -0.75 0.00	38.88 -0.76 0.00	34.72 -0.85 0.00
ROCKVIEW_13_KV_LD 356306	28.27 1.51 -2.22	24.65 0.95 -6.91	16.55 0.84 0.00	16.10 0.80 0.00	14.92 0.74 0.00	22.97 1.09 0.00	26.73 1.21 0.00	28.36 1.32 0.00	27.01 1.20 0.00	29.92 1.34 0.00	31.28 1.57 0.00	24.33 1.44 0.00	18.78 1.24 0.00	10.38 0.73 0.00	5.01 0.40 0.00	-13.79 -1.09 0.00	22.01 1.82 0.00	24.16 1.95 0.00	32.30 2.46 0.00	40.46 2.87 0.00	42.58 3.19 0.00	42.87 3.23 0.00	38.49 2.91 0.00
ROME____115KV_TB2 80656	25.36 0.68 -0.13	17.64 0.46 -0.40	16.15 0.44 0.00	15.74 0.45 0.00	14.61 0.43 0.00	22.53 0.65 0.00	26.30 0.77 0.00	27.89 0.84 0.00	26.59 0.78 0.00	29.42 0.84 0.00	30.57 0.86 0.00	23.50 0.61 0.00	17.96 0.42 0.00	9.80 0.16 0.00	4.66 0.04 0.00	-12.81 -0.11 0.00	20.39 0.19 0.00	22.50 0.30 0.00	30.43 0.59 0.00	38.82 1.22 0.00	40.76 1.37 0.00	40.90 1.26 0.00	36.58 1.00 0.00
ROSETON__1 23587	27.94 1.17 -2.22	24.45 0.74 -6.93	16.36 0.66 0.00	15.93 0.63 0.00	14.77 0.58 0.00	22.73 0.86 0.00	26.46 0.94 0.00	28.05 1.00 0.00	26.69 0.88 0.00	29.56 0.99 0.00	30.89 1.18 0.00	23.97 1.08 0.00	18.47 0.94 0.00	10.21 0.56 0.00	4.92 0.31 0.00	-13.52 -0.81 0.00	21.58 1.39 0.00	23.70 1.50 0.00	31.75 1.91 0.00	39.83 2.24 0.00	41.92 2.53 0.00	42.20 2.57 0.00	37.89 2.31 0.00
ROSETON__2 23588	27.94 1.17 -2.22	24.45 0.74 -6.93	16.36 0.66 0.00	15.93 0.63 0.00	14.77 0.58 0.00	22.73 0.86 0.00	26.46 0.94 0.00	28.05 1.00 0.00	26.69 0.88 0.00	29.56 0.99 0.00	30.89 1.18 0.00	23.97 1.08 0.00	18.47 0.94 0.00	10.21 0.56 0.00	4.92 0.31 0.00	-13.52 -0.81 0.00	21.58 1.39 0.00	23.70 1.50 0.00	31.75 1.91 0.00	39.83 2.24 0.00	41.92 2.53 0.00	42.20 2.57 0.00	37.89 2.31 0.00
ROTTDRAM_115KV_TB3 80664	27.98 0.81 -2.62	25.50 0.55 -8.17	16.21 0.50 0.00	15.79 0.49 0.00	14.64 0.46 0.00	22.56 0.68 0.00	26.28 0.75 0.00	27.78 0.73 0.00	26.44 0.64 0.00	29.30 0.72 0.00	30.39 0.68 0.00	23.42 0.53 0.00	17.94 0.40 0.00	9.88 0.23 0.00	4.74 0.13 0.00	-12.97 -0.27 0.00	20.70 0.51 0.00	22.84 0.64 0.00	30.74 0.91 0.00	38.79 1.19 0.00	40.79 1.40 0.00	41.11 1.47 0.00	36.93 1.35 0.00
RUSSELL__1 23602	24.38 -0.44 -0.27	17.31 -0.31 -0.84	15.47 -0.24 0.00	15.00 -0.30 0.00	13.93 -0.26 0.00	21.51 -0.37 0.00	25.22 -0.31 0.00	26.84 -0.21 0.00	25.56 -0.25 0.00	28.27 -0.30 0.00	29.40 -0.31 0.00	22.57 -0.32 0.00	17.26 -0.29 0.00	9.43 -0.22 0.00	4.50 -0.11 0.00	-12.71 -0.01 0.00	19.92 -0.28 0.00	21.87 -0.33 0.00	29.47 -0.37 0.00	37.16 -0.44 0.00	38.82 -0.57 0.00	39.05 -0.58 0.00	34.86 -0.71 0.00
RUSSELL__2 23532	24.38 -0.44 -0.27	17.31 -0.31 -0.84	15.47 -0.24 0.00	15.00 -0.30 0.00	13.93 -0.26 0.00	21.51 -0.37 0.00	25.22 -0.31 0.00	26.84 -0.21 0.00	25.56 -0.25 0.00	28.27 -0.30 0.00	29.40 -0.31 0.00	22.57 -0.32 0.00	17.26 -0.29 0.00	9.43 -0.22 0.00	4.50 -0.11 0.00	-12.71 -0.01 0.00	19.92 -0.28 0.00	21.87 -0.33 0.00	29.47 -0.37 0.00	37.16 -0.44 0.00	38.82 -0.57 0.00	39.05 -0.58 0.00	34.86 -0.71 0.00
RUSSELL__3 23549	24.38 -0.44 -0.27	17.31 -0.31 -0.84	15.47 -0.24 0.00	15.00 -0.30 0.00	13.93 -0.26 0.00	21.51 -0.37 0.00	25.22 -0.31 0.00	26.84 -0.21 0.00	25.56 -0.25 0.00	28.27 -0.30 0.00	29.40 -0.31 0.00	22.57 -0.32 0.00	17.26 -0.29 0.00	9.43 -0.22 0.00	4.50 -0.11 0.00	-12.71 -0.01 0.00	19.92 -0.28 0.00	21.87 -0.33 0.00	29.47 -0.37 0.00	37.16 -0.44 0.00	38.82 -0.57 0.00	39.05 -0.58 0.00	34.86 -0.71 0.00
RUSSELL__4 23556	24.38 -0.44 -0.27	17.31 -0.31 -0.84	15.47 -0.24 0.00	15.00 -0.30 0.00	13.93 -0.26 0.00	21.51 -0.37 0.00	25.22 -0.31 0.00	26.84 -0.21 0.00	25.56 -0.25 0.00	28.27 -0.30 0.00	29.40 -0.31 0.00	22.57 -0.32 0.00	17.26 -0.29 0.00	9.43 -0.22 0.00	4.50 -0.11 0.00	-12.71 -0.01 0.00	19.92 -0.28 0.00	21.87 -0.33 0.00	29.47 -0.37 0.00	37.16 -0.44 0.00	38.82 -0.57 0.00	39.05 -0.58 0.00	34.86 -0.71 0.00
RUSSELL__STATION 23914	24.38 -0.44 -0.27	17.31 -0.31 -0.84	15.47 -0.24 0.00	15.00 -0.30 0.00	13.93 -0.26 0.00	21.51 -0.37 0.00	25.22 -0.31 0.00	26.84 -0.21 0.00	25.56 -0.25 0.00	28.27 -0.30 0.00	29.40 -0.31 0.00	22.57 -0.32 0.00	17.26 -0.29 0.00	9.43 -0.22 0.00	4.50 -0.11 0.00	-12.71 -0.01 0.00	19.92 -0.28 0.00	21.87 -0.33 0.00	29.47 -0.37 0.00	37.16 -0.44 0.00	38.82 -0.57 0.00	39.05 -0.58 0.00	34.86 -0.71 0.00

S SALMON___HYD 24043	24.38 -0.35 -0.17	17.07 -0.24 -0.54	15.49 -0.22 0.00	15.09 -0.20 0.00	14.02 -0.16 0.00	21.62 -0.26 0.00	25.20 -0.32 0.00	26.75 -0.29 0.00	25.47 -0.34 0.00	28.20 -0.38 0.00	29.20 -0.51 0.00	22.50 -0.39 0.00	17.20 -0.34 0.00	9.41 -0.24 0.00	4.48 -0.13 0.00	-12.37 0.34 0.00	19.62 -0.57 0.00	21.61 -0.60 0.00	29.04 -0.80 0.00	36.78 -0.81 0.00	38.57 -0.82 0.00	38.78 -0.86 0.00	34.73 -0.85 0.00
S.PERRY___115KV_TB1 80734	24.85 -0.08 -0.38	17.91 -0.05 -1.18	15.74 0.03 0.00	15.27 -0.03 0.00	14.22 0.03 0.00	22.06 0.18 0.00	25.94 0.42 0.00	27.70 0.66 0.00	26.32 0.51 0.00	28.94 0.36 0.00	29.93 0.22 0.00	22.86 -0.03 0.00	17.34 -0.20 0.00	9.44 -0.20 0.00	4.50 -0.11 0.00	-12.73 -0.02 0.00	19.93 -0.27 0.00	21.91 -0.30 0.00	29.68 -0.16 0.00	37.98 0.38 0.00	40.21 0.82 0.00	40.56 0.92 0.00	36.07 0.50 0.00
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	23.35 -1.56 -0.35	16.83 -1.06 -1.11	14.88 -0.83 0.00	14.39 -0.91 0.00	13.37 -0.81 0.00	20.66 -1.22 0.00	24.34 -1.19 0.00	25.97 -1.07 0.00	24.67 -1.14 0.00	27.26 -1.32 0.00	28.31 -1.40 0.00	21.72 -1.17 0.00	16.67 -0.87 0.00	9.16 -0.48 0.00	4.36 -0.24 0.00	-12.64 0.06 0.00	19.42 -0.78 0.00	21.10 -1.10 0.00	28.22 -1.61 0.00	35.26 -2.33 0.00	36.60 -2.79 0.00	36.85 -2.79 0.00	32.87 -2.71 0.00
SAWYER___23_KV_LOAD 55526	23.35 -1.56 -0.35	16.83 -1.06 -1.11	14.88 -0.83 0.00	14.39 -0.91 0.00	13.37 -0.81 0.00	20.66 -1.22 0.00	24.34 -1.19 0.00	25.97 -1.07 0.00	24.67 -1.14 0.00	27.26 -1.32 0.00	28.31 -1.40 0.00	21.72 -1.17 0.00	16.67 -0.87 0.00	9.16 -0.48 0.00	4.36 -0.24 0.00	-12.64 0.06 0.00	19.42 -0.78 0.00	21.10 -1.10 0.00	28.22 -1.61 0.00	35.26 -2.33 0.00	36.60 -2.79 0.00	36.85 -2.79 0.00	32.87 -2.71 0.00
SELKIRK___I 23801	27.95 0.89 -2.50	25.17 0.60 -7.79	16.26 0.55 0.00	15.84 0.54 0.00	14.69 0.51 0.00	22.64 0.76 0.00	26.35 0.82 0.00	27.84 0.80 0.00	26.41 0.61 0.00	29.24 0.66 0.00	30.43 0.72 0.00	23.46 0.57 0.00	17.93 0.39 0.00	9.87 0.22 0.00	4.73 0.12 0.00	-13.03 -0.32 0.00	20.66 0.46 0.00	22.75 0.55 0.00	30.58 0.75 0.00	38.58 0.98 0.00	40.63 1.24 0.00	40.96 1.33 0.00	36.93 1.34 0.00
SELKIRK___II 23799	27.85 0.79 -2.51	25.14 0.52 -7.84	16.18 0.48 0.00	15.76 0.46 0.00	14.62 0.43 0.00	22.52 0.64 0.00	26.20 0.67 0.00	27.68 0.64 0.00	26.27 0.47 0.00	29.10 0.53 0.00	30.31 0.60 0.00	23.39 0.51 0.00	17.93 0.39 0.00	9.88 0.24 0.00	4.74 0.13 0.00	-12.99 -0.28 0.00	20.71 0.51 0.00	22.80 0.60 0.00	30.56 0.73 0.00	38.46 0.86 0.00	40.48 1.09 0.00	40.81 1.17 0.00	36.79 1.21 0.00
SENECA OSWGO___HYD 24041	24.14 -0.60 -0.19	16.95 -0.42 -0.59	15.32 -0.39 0.00	14.91 -0.38 0.00	13.83 -0.35 0.00	21.35 -0.54 0.00	24.90 -0.62 0.00	26.41 -0.64 0.00	25.17 -0.63 0.00	27.89 -0.69 0.00	28.96 -0.74 0.00	22.31 -0.57 0.00	17.09 -0.44 0.00	9.39 -0.26 0.00	4.48 -0.13 0.00	-12.34 0.37 0.00	19.58 -0.62 0.00	21.51 -0.69 0.00	28.91 -0.93 0.00	36.50 -1.09 0.00	38.33 -1.06 0.00	38.57 -1.07 0.00	34.58 -1.00 0.00
SENECA___115KV_TB3 355854	23.60 -1.32 -0.37	17.04 -0.91 -1.16	15.01 -0.70 0.00	14.54 -0.76 0.00	13.51 -0.67 0.00	20.90 -0.98 0.00	24.60 -0.93 0.00	26.25 -0.79 0.00	24.91 -0.90 0.00	27.54 -1.04 0.00	28.60 -1.10 0.00	21.91 -0.98 0.00	16.82 -0.73 0.00	9.24 -0.41 0.00	4.40 -0.21 0.00	-12.69 0.02 0.00	19.60 -0.59 0.00	21.32 -0.88 0.00	28.57 -1.27 0.00	35.77 -1.82 0.00	37.23 -2.16 0.00	37.49 -2.15 0.00	33.37 -2.22 0.00
SENECA___ENERGY 23797	24.54 -0.30 -0.29	17.51 -0.19 -0.92	15.56 -0.15 0.00	15.14 -0.16 0.00	14.06 -0.13 0.00	21.73 -0.15 0.00	25.39 -0.13 0.00	26.94 -0.11 0.00	25.63 -0.17 0.00	28.35 -0.22 0.00	29.47 -0.23 0.00	22.65 -0.24 0.00	17.34 -0.21 0.00	9.49 -0.15 0.00	4.52 -0.09 0.00	-12.56 0.15 0.00	19.87 -0.32 0.00	21.86 -0.34 0.00	29.50 -0.33 0.00	37.38 -0.21 0.00	39.26 -0.13 0.00	39.51 -0.13 0.00	35.29 -0.29 0.00
SHOEMAKER___GT 23640	27.77 1.10 -2.12	24.09 0.71 -6.59	16.34 0.63 0.00	15.91 0.61 0.00	14.74 0.56 0.00	22.70 0.82 0.00	26.41 0.89 0.00	28.00 0.96 0.00	26.64 0.83 0.00	29.50 0.92 0.00	30.80 1.09 0.00	23.86 0.97 0.00	18.38 0.84 0.00	10.14 0.50 0.00	4.89 0.27 0.00	-13.45 -0.75 0.00	21.46 1.27 0.00	23.59 1.39 0.00	31.65 1.81 0.00	39.78 2.18 0.00	41.86 2.47 0.00	42.15 2.51 0.00	37.82 2.24 0.00
SHOEMAKR_138KV_BK 111 55601	27.76 1.10 -2.11	24.06 0.70 -6.57	16.33 0.63 0.00	15.90 0.60 0.00	14.74 0.56 0.00	22.69 0.81 0.00	26.39 0.87 0.00	27.99 0.94 0.00	26.63 0.82 0.00	29.49 0.91 0.00	30.80 1.09 0.00	23.87 0.98 0.00	18.39 0.85 0.00	10.15 0.51 0.00	4.89 0.28 0.00	-13.47 -0.76 0.00	21.48 1.29 0.00	23.61 1.41 0.00	31.66 1.82 0.00	39.78 2.18 0.00	41.85 2.46 0.00	42.14 2.50 0.00	37.82 2.24 0.00
SHOREHAM_IC_1 23715	28.86 2.08 -2.22	25.05 1.35 -6.92	16.91 1.20 0.00	16.41 1.12 0.00	15.20 1.02 0.00	23.21 1.34 0.00	26.96 1.44 0.00	28.61 1.57 0.00	27.37 1.57 0.00	30.58 2.00 0.00	32.03 2.33 0.00	24.82 1.93 0.00	19.10 1.56 0.00	10.52 0.88 0.00	5.07 0.45 0.00	-14.08 -1.38 0.00	22.37 2.17 0.00	24.77 2.57 0.00	33.07 3.23 0.00	41.59 4.00 0.00	43.75 4.36 0.00	43.77 4.13 0.00	39.88 4.29 0.00
SHOREHAM_IC_2 23716	28.86 2.08 -2.22	25.05 1.35 -6.92	16.91 1.20 0.00	16.41 1.12 0.00	15.20 1.02 0.00	23.21 1.34 0.00	26.96 1.44 0.00	28.61 1.57 0.00	27.37 1.57 0.00	30.58 2.00 0.00	32.03 2.33 0.00	24.82 1.93 0.00	19.10 1.56 0.00	10.52 0.88 0.00	5.07 0.45 0.00	-14.08 -1.38 0.00	22.37 2.17 0.00	24.77 2.57 0.00	33.07 3.23 0.00	41.59 4.00 0.00	43.75 4.36 0.00	43.77 4.13 0.00	39.88 4.29 0.00
SISSONVILLE____ 23735	24.21 -0.38 -0.04	16.64 -0.25 -0.11	15.47 -0.24 0.00	15.08 -0.21 0.00	13.98 -0.21 0.00	21.60 -0.28 0.00	25.24 -0.28 0.00	26.83 -0.21 0.00	25.62 -0.18 0.00	28.16 -0.41 0.00	29.16 -0.54 0.00	22.39 -0.50 0.00	17.08 -0.46 0.00	9.35 -0.29 0.00	4.46 -0.15 0.00	-12.26 0.44 0.00	19.35 -0.84 0.00	21.30 -0.90 0.00	28.92 -0.91 0.00	36.69 -0.90 0.00	38.39 -1.01 0.00	38.49 -1.15 0.00	34.48 -1.09 0.00
SITHE_IND_GS1 24169	24.10 -0.60 -0.15	16.83 -0.41 -0.46	15.32 -0.38 0.00	14.92 -0.38 0.00	13.84 -0.34 0.00	21.35 -0.53 0.00	24.92 -0.60 0.00	26.42 -0.62 0.00	25.18 -0.62 0.00	27.89 -0.69 0.00	28.98 -0.73 0.00	22.32 -0.57 0.00	17.11 -0.44 0.00	9.39 -0.25 0.00	4.48 -0.13 0.00	-12.37 0.34 0.00	19.62 -0.58 0.00	21.53 -0.67 0.00	28.91 -0.93 0.00	36.43 -1.16 0.00	38.21 -1.18 0.00	38.44 -1.20 0.00	34.47 -1.10 0.00

SITHE_IND_GS2 24170	24.10 -0.60 -0.15	16.83 -0.41 -0.46	15.32 -0.38 0.00	14.92 -0.38 0.00	13.84 -0.34 0.00	21.35 -0.53 0.00	24.92 -0.60 0.00	26.42 -0.62 0.00	25.18 -0.62 0.00	27.89 -0.69 0.00	28.98 -0.73 0.00	22.32 -0.57 0.00	17.11 -0.44 0.00	9.39 -0.25 0.00	4.48 -0.13 0.00	-12.37 0.34 0.00	19.62 -0.58 0.00	21.53 -0.67 0.00	28.91 -0.93 0.00	36.43 -1.16 0.00	38.21 -1.18 0.00	38.44 -1.20 0.00	34.47 -1.10 0.00
SITHE_IND_GS3 24171	24.10 -0.60 -0.15	16.83 -0.41 -0.46	15.32 -0.38 0.00	14.92 -0.38 0.00	13.84 -0.34 0.00	21.35 -0.53 0.00	24.92 -0.60 0.00	26.42 -0.62 0.00	25.18 -0.62 0.00	27.89 -0.69 0.00	28.98 -0.73 0.00	22.32 -0.57 0.00	17.11 -0.44 0.00	9.39 -0.25 0.00	4.48 -0.13 0.00	-12.37 0.34 0.00	19.62 -0.58 0.00	21.53 -0.67 0.00	28.91 -0.93 0.00	36.43 -1.16 0.00	38.21 -1.18 0.00	38.44 -1.20 0.00	34.47 -1.10 0.00
SITHE_IND_GS4 24172	24.10 -0.60 -0.15	16.83 -0.41 -0.46	15.32 -0.38 0.00	14.92 -0.38 0.00	13.84 -0.34 0.00	21.35 -0.53 0.00	24.92 -0.60 0.00	26.42 -0.62 0.00	25.18 -0.62 0.00	27.89 -0.69 0.00	28.98 -0.73 0.00	22.32 -0.57 0.00	17.11 -0.44 0.00	9.39 -0.25 0.00	4.48 -0.13 0.00	-12.37 0.34 0.00	19.62 -0.58 0.00	21.53 -0.67 0.00	28.91 -0.93 0.00	36.43 -1.16 0.00	38.21 -1.18 0.00	38.44 -1.20 0.00	34.47 -1.10 0.00
SITHE___BATAVIA 24024	24.03 -0.84 -0.31	17.19 -0.57 -0.98	15.31 -0.40 0.00	14.81 -0.49 0.00	13.77 -0.42 0.00	21.26 -0.62 0.00	25.04 -0.48 0.00	26.69 -0.35 0.00	25.37 -0.44 0.00	27.97 -0.61 0.00	28.98 -0.72 0.00	22.19 -0.70 0.00	16.89 -0.65 0.00	9.35 -0.29 0.00	4.41 -0.20 0.00	-12.65 0.06 0.00	19.50 -0.69 0.00	21.25 -0.95 0.00	28.56 -1.28 0.00	36.21 -1.39 0.00	37.99 -1.40 0.00	38.29 -1.34 0.00	34.15 -1.43 0.00
SITHE___INDEPEND 23800	24.10 -0.60 -0.15	16.83 -0.41 -0.46	15.33 -0.38 0.00	14.92 -0.38 0.00	13.84 -0.34 0.00	21.35 -0.53 0.00	24.92 -0.60 0.00	26.42 -0.62 0.00	25.18 -0.62 0.00	27.89 -0.69 0.00	28.98 -0.73 0.00	22.32 -0.57 0.00	17.10 -0.44 0.00	9.39 -0.25 0.00	4.48 -0.13 0.00	-12.37 0.34 0.00	19.62 -0.58 0.00	21.53 -0.67 0.00	28.91 -0.93 0.00	36.43 -1.16 0.00	38.21 -1.18 0.00	38.44 -1.20 0.00	34.47 -1.10 0.00
SITHE___MASSENA 23902	24.42 -0.13 0.00	16.70 -0.08 0.00	15.62 -0.08 0.00	15.22 -0.07 0.00	14.10 -0.08 0.00	21.79 -0.09 0.00	25.48 -0.04 0.00	27.06 0.02 0.00	25.87 0.07 0.00	28.59 0.02 0.00	29.66 0.00 0.00	22.79 -0.09 0.00	17.43 -0.11 0.00	9.57 -0.08 0.00	4.56 -0.05 0.00	-12.62 0.09 0.00	19.97 -0.22 0.00	21.96 -0.24 0.00	29.61 -0.23 0.00	37.37 -0.23 0.00	39.04 -0.35 0.00	39.21 -0.43 0.00	35.16 -0.42 0.00
SITHE___OGDNSBRG 24021	24.66 0.11 0.00	16.87 0.09 0.00	15.78 0.08 0.00	15.38 0.08 0.00	14.24 0.06 0.00	22.02 0.14 0.00	25.76 0.23 0.00	27.34 0.30 0.00	26.14 0.34 0.00	28.79 0.21 0.00	29.77 0.06 0.00	22.77 -0.12 0.00	17.36 -0.18 0.00	9.52 -0.13 0.00	4.53 -0.08 0.00	-12.50 0.20 0.00	19.78 -0.42 0.00	21.75 -0.45 0.00	29.40 -0.44 0.00	37.43 -0.16 0.00	39.37 -0.02 0.00	39.54 -0.09 0.00	35.41 -0.17 0.00
SITHE___STERLING 23777	25.21 0.52 -0.14	17.59 0.36 -0.45	16.04 0.33 0.00	15.62 0.33 0.00	14.50 0.31 0.00	22.35 0.47 0.00	26.08 0.55 0.00	27.65 0.61 0.00	26.35 0.54 0.00	29.16 0.58 0.00	30.32 0.61 0.00	23.32 0.43 0.00	17.86 0.32 0.00	9.77 0.13 0.00	4.65 0.03 0.00	-12.78 -0.07 0.00	20.33 0.13 0.00	22.40 0.20 0.00	30.24 0.40 0.00	38.45 0.86 0.00	40.46 1.07 0.00	40.66 1.03 0.00	36.40 0.82 0.00
SLEIGHT__34_KV_TB1 80719	24.28 -0.54 -0.27	17.25 -0.36 -0.83	15.41 -0.30 0.00	14.97 -0.33 0.00	13.90 -0.29 0.00	21.46 -0.42 0.00	25.10 -0.42 0.00	26.68 -0.36 0.00	25.41 -0.39 0.00	28.12 -0.46 0.00	29.20 -0.50 0.00	22.45 -0.44 0.00	17.16 -0.38 0.00	9.37 -0.28 0.00	4.47 -0.14 0.00	-12.49 0.22 0.00	19.69 -0.51 0.00	21.65 -0.56 0.00	29.21 -0.63 0.00	36.97 -0.62 0.00	38.74 -0.65 0.00	39.00 -0.64 0.00	34.83 -0.75 0.00
SOUTH CAIRO___GT 23612	28.53 1.53 -2.45	25.39 0.97 -7.63	16.63 0.93 0.00	16.19 0.89 0.00	15.02 0.83 0.00	23.15 1.27 0.00	26.97 1.45 0.00	28.57 1.53 0.00	27.09 1.28 0.00	29.97 1.40 0.00	31.29 1.58 0.00	23.90 1.01 0.00	18.20 0.66 0.00	9.97 0.33 0.00	4.80 0.19 0.00	-13.15 -0.44 0.00	20.98 0.79 0.00	23.14 0.94 0.00	31.21 1.37 0.00	39.58 1.99 0.00	41.87 2.48 0.00	42.20 2.56 0.00	37.93 2.35 0.00
SOUTH HAMPTN___IC 23720	28.98 2.21 -2.22	25.14 1.44 -6.92	17.02 1.32 0.00	16.54 1.24 0.00	15.27 1.08 0.00	23.20 1.32 0.00	26.92 1.39 0.00	28.58 1.54 0.00	27.41 1.61 0.00	30.64 2.06 0.00	32.08 2.37 0.00	24.92 2.03 0.00	19.15 1.61 0.00	10.56 0.91 0.00	5.09 0.48 0.00	-14.12 -1.41 0.00	22.45 2.26 0.00	24.92 2.72 0.00	33.33 3.49 0.00	41.98 4.38 0.00	44.08 4.69 0.00	43.96 4.32 0.00	40.06 4.47 0.00
SOUTHDOW__115KV_TB1 355954	23.97 -0.98 -0.40	17.33 -0.70 -1.24	15.24 -0.47 0.00	14.84 -0.45 0.00	13.81 -0.38 0.00	21.38 -0.50 0.00	25.13 -0.40 0.00	26.83 -0.21 0.00	25.39 -0.42 0.00	28.12 -0.45 0.00	29.20 -0.51 0.00	22.28 -0.61 0.00	17.11 -0.44 0.00	9.42 -0.23 0.00	4.48 -0.13 0.00	-12.81 -0.11 0.00	20.02 -0.18 0.00	21.85 -0.35 0.00	29.44 -0.40 0.00	36.80 -0.80 0.00	38.47 -0.92 0.00	38.80 -0.83 0.00	34.37 -1.21 0.00
SOUTHOLD__69_KV_BK 2 55809	29.07 2.30 -2.22	25.22 1.52 -6.92	17.13 1.42 0.00	16.65 1.36 0.00	15.30 1.12 0.00	23.09 1.21 0.00	26.74 1.22 0.00	28.41 1.36 0.00	27.35 1.54 0.00	30.59 2.02 0.00	31.98 2.27 0.00	24.90 2.01 0.00	19.10 1.56 0.00	10.54 0.90 0.00	5.09 0.48 0.00	-14.10 -1.39 0.00	22.47 2.28 0.00	25.01 2.81 0.00	33.57 3.73 0.00	42.35 4.76 0.00	44.38 4.99 0.00	44.06 4.42 0.00	40.26 4.69 0.00
SOUTHOLD___IC 23719	29.07 2.30 -2.22	25.22 1.52 -6.92	17.13 1.42 0.00	16.65 1.36 0.00	15.30 1.12 0.00	23.09 1.22 0.00	26.74 1.21 0.00	28.41 1.36 0.00	27.35 1.54 0.00	30.60 2.02 0.00	31.97 2.27 0.00	24.90 2.01 0.00	19.10 1.56 0.00	10.54 0.90 0.00	5.09 0.48 0.00	-14.10 -1.39 0.00	22.47 2.27 0.00	25.02 2.81 0.00	33.57 3.73 0.00	42.35 4.76 0.00	44.38 4.99 0.00	44.06 4.42 0.00	40.20 4.61 0.00
SOUTH_FORK_WT_PWR 323839	28.96 2.19 -2.22	25.16 1.46 -6.92	17.11 1.40 0.00	16.64 1.35 0.00	15.24 1.06 0.00	22.86 0.99 0.00	26.42 0.90 0.00	28.08 1.03 0.00	27.09 1.28 0.00	30.29 1.72 0.00	31.62 1.91 0.00	24.69 1.80 0.00	18.90 1.36 0.00	10.45 0.80 0.00	5.05 0.44 0.00	-13.99 -1.28 0.00	22.32 2.12 0.00	24.90 2.70 0.00	33.49 3.65 0.00	42.30 4.71 0.00	44.25 4.86 0.00	43.78 4.14 0.00	40.06 4.47 0.00

SPIERFLS_115KV_TB 1 80737	28.84 1.68 -2.60	25.99 1.10 -8.11	16.73 1.03 0.00	16.31 1.01 0.00	15.15 0.97 0.00	23.26 1.38 0.00	27.04 1.52 0.00	28.63 1.58 0.00	27.26 1.45 0.00	30.22 1.64 0.00	31.14 1.43 0.00	23.89 1.00 0.00	18.18 0.64 0.00	9.99 0.34 0.00	4.81 0.20 0.00	-13.06 -0.36 0.00	21.09 0.90 0.00	23.51 1.30 0.00	31.83 2.00 0.00	40.22 2.62 0.00	42.27 2.88 0.00	42.71 3.07 0.00	38.25 2.67 0.00
ST LAWRENCE____ 23600	24.24 -0.31 0.00	16.58 -0.20 0.00	15.51 -0.19 0.00	15.11 -0.19 0.00	14.00 -0.19 0.00	21.64 -0.24 0.00	25.29 -0.23 0.00	26.84 -0.20 0.00	25.67 -0.13 0.00	28.40 -0.17 0.00	29.50 -0.20 0.00	22.68 -0.21 0.00	17.36 -0.19 0.00	9.53 -0.11 0.00	4.54 -0.07 0.00	-12.57 0.13 0.00	19.93 -0.26 0.00	21.91 -0.29 0.00	29.49 -0.35 0.00	37.17 -0.42 0.00	38.83 -0.56 0.00	39.01 -0.63 0.00	34.98 -0.60 0.00
STATE_CA_115KV_115_LB 55624	28.01 0.91 -2.55	25.33 0.60 -7.94	16.26 0.55 0.00	15.83 0.54 0.00	14.69 0.50 0.00	22.62 0.74 0.00	26.29 0.77 0.00	27.78 0.74 0.00	26.31 0.51 0.00	29.16 0.59 0.00	30.37 0.66 0.00	23.43 0.54 0.00	17.95 0.41 0.00	9.89 0.25 0.00	4.75 0.14 0.00	-12.98 -0.27 0.00	20.72 0.52 0.00	22.84 0.64 0.00	30.61 0.77 0.00	38.50 0.91 0.00	40.53 1.14 0.00	40.86 1.23 0.00	36.86 1.28 0.00
STATE_ST_34_KV_LOAD 55959	24.84 -0.01 -0.29	17.75 0.05 -0.91	15.77 0.06 0.00	15.35 0.06 0.00	14.25 0.07 0.00	22.01 0.13 0.00	25.69 0.16 0.00	27.17 0.13 0.00	25.86 0.05 0.00	28.63 0.05 0.00	29.74 0.03 0.00	22.85 -0.03 0.00	17.51 -0.03 0.00	9.61 -0.03 0.00	4.58 -0.03 0.00	-12.65 0.06 0.00	20.08 -0.12 0.00	22.11 -0.09 0.00	29.84 0.00 0.00	37.80 0.20 0.00	39.73 0.34 0.00	39.97 0.34 0.00	35.75 0.18 0.00
STATION 5_MISC_HYD 23604	24.30 -0.52 -0.27	17.26 -0.37 -0.84	15.42 -0.28 0.00	14.96 -0.34 0.00	13.89 -0.29 0.00	21.45 -0.43 0.00	25.14 -0.38 0.00	26.76 -0.28 0.00	25.48 -0.33 0.00	28.18 -0.39 0.00	29.30 -0.41 0.00	22.50 -0.39 0.00	17.20 -0.34 0.00	9.40 -0.25 0.00	4.49 -0.12 0.00	-12.67 0.04 0.00	19.84 -0.35 0.00	21.79 -0.42 0.00	29.33 -0.51 0.00	36.97 -0.62 0.00	38.64 -0.75 0.00	38.88 -0.76 0.00	34.72 -0.85 0.00
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	24.41 -0.41 -0.27	17.34 -0.29 -0.85	15.48 -0.23 0.00	15.04 -0.26 0.00	13.96 -0.23 0.00	21.57 -0.31 0.00	25.25 -0.27 0.00	26.86 -0.18 0.00	25.58 -0.23 0.00	28.30 -0.28 0.00	29.41 -0.30 0.00	22.59 -0.30 0.00	17.27 -0.28 0.00	9.43 -0.21 0.00	4.50 -0.12 0.00	-12.59 0.12 0.00	19.84 -0.36 0.00	21.81 -0.40 0.00	29.42 -0.42 0.00	37.20 -0.39 0.00	38.96 -0.43 0.00	39.20 -0.43 0.00	35.01 -0.57 0.00
STA_56_34_KV_BUS2_REV_LBMP_B 345033	24.17 -0.65 -0.27	17.17 -0.45 -0.84	15.34 -0.36 0.00	14.88 -0.42 0.00	13.82 -0.37 0.00	21.33 -0.54 0.00	25.01 -0.52 0.00	26.61 -0.43 0.00	25.34 -0.47 0.00	28.04 -0.54 0.00	29.14 -0.56 0.00	22.39 -0.50 0.00	17.12 -0.42 0.00	9.35 -0.30 0.00	4.47 -0.14 0.00	-12.59 0.12 0.00	19.75 -0.45 0.00	21.67 -0.53 0.00	29.18 -0.66 0.00	36.78 -0.81 0.00	38.44 -0.95 0.00	38.67 -0.96 0.00	34.54 -1.03 0.00
STA_56____34_KV_BUS2 355983	24.17 -0.65 -0.27	17.17 -0.45 -0.84	15.34 -0.36 0.00	14.88 -0.42 0.00	13.82 -0.37 0.00	21.33 -0.54 0.00	25.01 -0.52 0.00	26.61 -0.43 0.00	25.34 -0.47 0.00	28.04 -0.54 0.00	29.14 -0.56 0.00	22.39 -0.50 0.00	17.12 -0.42 0.00	9.35 -0.30 0.00	4.47 -0.14 0.00	-12.59 0.12 0.00	19.75 -0.45 0.00	21.67 -0.53 0.00	29.18 -0.66 0.00	36.78 -0.81 0.00	38.44 -0.95 0.00	38.67 -0.96 0.00	34.54 -1.03 0.00
STA_67____115KV_BK2 355882	24.27 -0.56 -0.27	17.24 -0.39 -0.85	15.40 -0.30 0.00	14.93 -0.36 0.00	13.87 -0.31 0.00	21.42 -0.45 0.00	25.11 -0.41 0.00	26.73 -0.32 0.00	25.45 -0.36 0.00	28.15 -0.43 0.00	29.25 -0.46 0.00	22.46 -0.42 0.00	17.18 -0.36 0.00	9.39 -0.26 0.00	4.48 -0.13 0.00	-12.65 0.05 0.00	19.82 -0.37 0.00	21.75 -0.45 0.00	29.27 -0.56 0.00	36.90 -0.70 0.00	38.57 -0.82 0.00	38.80 -0.83 0.00	34.65 -0.92 0.00
STA_7____115KV_9TRANS 80674	24.38 -0.44 -0.27	17.31 -0.31 -0.84	15.47 -0.24 0.00	15.00 -0.30 0.00	13.93 -0.26 0.00	21.51 -0.37 0.00	25.22 -0.31 0.00	26.84 -0.21 0.00	25.56 -0.25 0.00	28.27 -0.30 0.00	29.40 -0.31 0.00	22.57 -0.32 0.00	17.26 -0.29 0.00	9.43 -0.22 0.00	4.50 -0.11 0.00	-12.71 -0.01 0.00	19.92 -0.28 0.00	21.87 -0.33 0.00	29.47 -0.37 0.00	37.16 -0.44 0.00	38.82 -0.57 0.00	39.05 -0.58 0.00	34.86 -0.71 0.00
STA_82____115KV_TB1 80780	24.23 -0.59 -0.27	17.21 -0.41 -0.85	15.38 -0.32 0.00	14.91 -0.38 0.00	13.85 -0.33 0.00	21.39 -0.49 0.00	25.07 -0.45 0.00	26.69 -0.35 0.00	25.41 -0.40 0.00	28.11 -0.47 0.00	29.21 -0.50 0.00	22.43 -0.46 0.00	17.15 -0.39 0.00	9.38 -0.27 0.00	4.48 -0.13 0.00	-12.64 0.07 0.00	19.78 -0.41 0.00	21.71 -0.50 0.00	29.22 -0.62 0.00	36.81 -0.78 0.00	38.48 -0.91 0.00	38.72 -0.91 0.00	34.58 -1.00 0.00
STEEL____WIND 323596	23.59 -1.34 -0.37	17.02 -0.92 -1.16	15.00 -0.71 0.00	14.52 -0.77 0.00	13.50 -0.68 0.00	20.88 -1.00 0.00	24.57 -0.95 0.00	26.23 -0.82 0.00	24.87 -0.93 0.00	27.52 -1.06 0.00	28.57 -1.13 0.00	21.88 -1.00 0.00	16.80 -0.75 0.00	9.23 -0.42 0.00	4.40 -0.21 0.00	-12.67 0.03 0.00	19.57 -0.62 0.00	21.29 -0.91 0.00	28.53 -1.31 0.00	35.73 -1.86 0.00	37.20 -2.19 0.00	37.48 -2.16 0.00	33.34 -2.25 0.00
STEPHTWN_115KV_BK_2 55603	28.07 0.99 -2.53	25.31 0.65 -7.87	16.30 0.60 0.00	15.88 0.58 0.00	14.72 0.54 0.00	22.69 0.81 0.00	26.38 0.86 0.00	27.88 0.84 0.00	26.42 0.61 0.00	29.29 0.71 0.00	30.52 0.81 0.00	23.53 0.64 0.00	18.02 0.48 0.00	9.92 0.28 0.00	4.76 0.15 0.00	-13.00 -0.30 0.00	20.77 0.58 0.00	22.91 0.70 0.00	30.71 0.87 0.00	38.65 1.06 0.00	40.69 1.30 0.00	41.02 1.38 0.00	37.00 1.42 0.00
STEBEN_REC_LFGE 323667	24.08 -0.96 -0.49	17.71 -0.58 -1.51	15.28 -0.42 0.00	14.89 -0.40 0.00	13.90 -0.28 0.00	21.61 -0.27 0.00	25.45 -0.07 0.00	27.23 0.19 0.00	25.91 0.11 0.00	28.66 0.08 0.00	29.74 0.03 0.00	22.65 -0.24 0.00	17.20 -0.34 0.00	9.33 -0.31 0.00	4.43 -0.19 0.00	-12.57 0.13 0.00	19.61 -0.59 0.00	21.61 -0.59 0.00	29.48 -0.36 0.00	37.72 0.13 0.00	39.74 0.35 0.00	40.04 0.40 0.00	35.61 0.03 0.00
STILLWATER____SOLAR 323814	28.49 1.35 -2.59	25.75 0.89 -8.08	16.53 0.82 0.00	16.10 0.80 0.00	14.94 0.76 0.00	22.99 1.12 0.00	26.76 1.24 0.00	28.29 1.25 0.00	26.90 1.10 0.00	29.82 1.24 0.00	30.88 1.17 0.00	23.74 0.85 0.00	18.12 0.58 0.00	9.98 0.33 0.00	4.80 0.19 0.00	-13.06 -0.36 0.00	20.95 0.75 0.00	23.24 1.04 0.00	31.36 1.52 0.00	39.60 2.01 0.00	41.68 2.30 0.00	42.04 2.40 0.00	37.75 2.17 0.00

STONY___BROOK 24151	28.80 2.03 -2.22	25.01 1.31 -6.92	16.86 1.16 0.00	16.36 1.07 0.00	15.18 1.00 0.00	23.22 1.34 0.00	26.98 1.46 0.00	28.63 1.58 0.00	27.36 1.55 0.00	30.54 1.96 0.00	32.02 2.32 0.00	24.85 1.96 0.00	19.16 1.62 0.00	10.56 0.92 0.00	5.08 0.47 0.00	-14.07 -1.37 0.00	22.37 2.18 0.00	24.72 2.52 0.00	32.98 3.15 0.00	41.52 3.93 0.00	43.75 4.36 0.00	43.83 4.19 0.00	39.77 4.19 0.00
STURGEON_POOL_HYD 23609	28.03 1.22 -2.26	24.58 0.76 -7.03	16.39 0.69 0.00	15.96 0.67 0.00	14.80 0.61 0.00	22.78 0.90 0.00	26.53 1.01 0.00	28.11 1.07 0.00	26.78 0.97 0.00	29.67 1.09 0.00	31.00 1.30 0.00	24.04 1.16 0.00	18.52 0.98 0.00	10.22 0.58 0.00	4.93 0.31 0.00	-13.55 -0.85 0.00	21.66 1.47 0.00	23.81 1.61 0.00	31.92 2.09 0.00	40.05 2.46 0.00	42.13 2.74 0.00	42.41 2.78 0.00	38.03 2.45 0.00
ST_LAW_115_BK7_LBMP 345037	24.23 -0.33 0.00	16.56 -0.22 0.00	15.50 -0.21 0.00	15.10 -0.20 0.00	13.98 -0.20 0.00	21.61 -0.27 0.00	25.27 -0.25 0.00	26.83 -0.21 0.00	25.67 -0.14 0.00	28.38 -0.19 0.00	29.48 -0.23 0.00	22.66 -0.23 0.00	17.34 -0.21 0.00	9.52 -0.12 0.00	4.54 -0.07 0.00	-12.56 0.15 0.00	19.91 -0.29 0.00	21.88 -0.33 0.00	29.46 -0.38 0.00	37.13 -0.46 0.00	38.77 -0.62 0.00	38.95 -0.69 0.00	34.95 -0.64 0.00
ST_LAW_115_BK8_LBMP 345038	24.23 -0.33 0.00	16.56 -0.22 0.00	15.50 -0.21 0.00	15.10 -0.20 0.00	13.98 -0.20 0.00	21.61 -0.27 0.00	25.27 -0.25 0.00	26.83 -0.21 0.00	25.67 -0.14 0.00	28.38 -0.19 0.00	29.48 -0.23 0.00	22.66 -0.23 0.00	17.34 -0.21 0.00	9.52 -0.12 0.00	4.54 -0.07 0.00	-12.56 0.15 0.00	19.91 -0.29 0.00	21.88 -0.33 0.00	29.46 -0.38 0.00	37.13 -0.46 0.00	38.77 -0.62 0.00	38.95 -0.69 0.00	34.95 -0.64 0.00
ST_LAW_230_BK5_LBMP 345035	24.24 -0.31 0.00	16.58 -0.20 0.00	15.51 -0.19 0.00	15.11 -0.19 0.00	14.00 -0.19 0.00	21.64 -0.24 0.00	25.29 -0.23 0.00	26.84 -0.20 0.00	25.67 -0.13 0.00	28.40 -0.17 0.00	29.50 -0.20 0.00	22.68 -0.21 0.00	17.36 -0.19 0.00	9.53 -0.11 0.00	4.54 -0.07 0.00	-12.57 0.13 0.00	19.93 -0.26 0.00	21.91 -0.29 0.00	29.49 -0.35 0.00	37.17 -0.42 0.00	38.83 -0.56 0.00	39.01 -0.63 0.00	34.98 -0.60 0.00
ST_LAW_230_BK6_LBMP 345036	24.24 -0.31 0.00	16.58 -0.20 0.00	15.51 -0.19 0.00	15.11 -0.19 0.00	14.00 -0.19 0.00	21.64 -0.24 0.00	25.29 -0.23 0.00	26.84 -0.20 0.00	25.67 -0.13 0.00	28.40 -0.17 0.00	29.50 -0.20 0.00	22.68 -0.21 0.00	17.36 -0.19 0.00	9.53 -0.11 0.00	4.54 -0.07 0.00	-12.57 0.13 0.00	19.93 -0.26 0.00	21.91 -0.29 0.00	29.49 -0.35 0.00	37.17 -0.42 0.00	38.83 -0.56 0.00	39.01 -0.63 0.00	34.98 -0.60 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	27.87 1.18 -2.14	24.20 0.74 -6.68	16.36 0.66 0.00	15.93 0.63 0.00	14.77 0.58 0.00	22.73 0.85 0.00	26.45 0.93 0.00	28.06 1.02 0.00	26.70 0.89 0.00	29.58 1.00 0.00	30.91 1.20 0.00	23.98 1.09 0.00	18.49 0.95 0.00	10.22 0.58 0.00	4.93 0.32 0.00	-13.58 -0.87 0.00	21.67 1.47 0.00	23.79 1.59 0.00	31.87 2.04 0.00	39.97 2.38 0.00	42.05 2.66 0.00	42.33 2.70 0.00	38.00 2.41 0.00
SWANROAD_115KV_TB1 355699	22.92 -1.98 -0.34	16.53 -1.32 -1.07	14.65 -1.05 0.00	14.17 -1.13 0.00	13.18 -1.01 0.00	20.33 -1.55 0.00	24.01 -1.51 0.00	25.59 -1.46 0.00	24.31 -1.49 0.00	26.82 -1.76 0.00	27.86 -1.85 0.00	21.37 -1.52 0.00	16.40 -1.14 0.00	9.04 -0.60 0.00	4.31 -0.30 0.00	-12.54 0.17 0.00	19.13 -1.06 0.00	20.65 -1.55 0.00	27.52 -2.32 0.00	34.34 -3.26 0.00	35.65 -3.73 0.00	35.94 -3.70 0.00	32.15 -3.43 0.00
SYNERGY___BIOGAS 323694	24.03 -0.83 -0.31	17.19 -0.57 -0.98	15.31 -0.40 0.00	14.81 -0.49 0.00	13.77 -0.42 0.00	21.27 -0.61 0.00	25.04 -0.48 0.00	26.69 -0.35 0.00	25.36 -0.44 0.00	27.97 -0.61 0.00	28.98 -0.72 0.00	22.19 -0.70 0.00	16.89 -0.65 0.00	9.35 -0.29 0.00	4.41 -0.20 0.00	-12.65 0.06 0.00	19.50 -0.69 0.00	21.25 -0.95 0.00	28.57 -1.27 0.00	36.20 -1.39 0.00	37.99 -1.40 0.00	38.29 -1.34 0.00	34.15 -1.43 0.00
SYRACUSE___ENERGY_ST1 323597	24.68 -0.11 -0.24	17.45 -0.07 -0.74	15.64 -0.06 0.00	15.23 -0.07 0.00	14.13 -0.05 0.00	21.81 -0.07 0.00	25.44 -0.09 0.00	26.96 -0.08 0.00	25.69 -0.11 0.00	28.46 -0.11 0.00	29.58 -0.13 0.00	22.77 -0.12 0.00	17.44 -0.09 0.00	9.57 -0.07 0.00	4.56 -0.05 0.00	-12.58 0.12 0.00	19.99 -0.21 0.00	21.99 -0.21 0.00	29.59 -0.24 0.00	37.40 -0.20 0.00	39.25 -0.14 0.00	39.48 -0.15 0.00	35.36 -0.21 0.00
SYRACUSE___ENERGY_ST2 323598	24.68 -0.11 -0.24	17.45 -0.07 -0.74	15.64 -0.06 0.00	15.23 -0.07 0.00	14.13 -0.05 0.00	21.81 -0.07 0.00	25.44 -0.09 0.00	26.96 -0.08 0.00	25.69 -0.11 0.00	28.46 -0.11 0.00	29.58 -0.13 0.00	22.77 -0.12 0.00	17.44 -0.09 0.00	9.57 -0.07 0.00	4.56 -0.05 0.00	-12.58 0.12 0.00	19.99 -0.21 0.00	21.99 -0.21 0.00	29.59 -0.24 0.00	37.40 -0.20 0.00	39.25 -0.14 0.00	39.48 -0.15 0.00	35.36 -0.21 0.00
SYRACUSE___POWER 24017	24.72 -0.08 -0.25	17.49 -0.06 -0.78	15.65 -0.06 0.00	15.24 -0.06 0.00	14.14 -0.05 0.00	21.80 -0.08 0.00	25.41 -0.11 0.00	26.95 -0.09 0.00	25.70 -0.11 0.00	28.47 -0.11 0.00	29.58 -0.13 0.00	22.77 -0.11 0.00	17.46 -0.08 0.00	9.58 -0.07 0.00	4.56 -0.05 0.00	-12.58 0.12 0.00	19.99 -0.21 0.00	21.99 -0.22 0.00	29.58 -0.26 0.00	37.37 -0.22 0.00	39.25 -0.15 0.00	39.48 -0.15 0.00	35.36 -0.21 0.00
TALLMAN__138KV_BK151 55660	28.03 1.30 -2.17	24.37 0.81 -6.78	16.42 0.71 0.00	15.98 0.69 0.00	14.81 0.63 0.00	22.80 0.92 0.00	26.54 1.02 0.00	28.17 1.13 0.00	26.80 0.99 0.00	29.68 1.10 0.00	31.04 1.33 0.00	24.12 1.22 0.00	18.61 1.06 0.00	10.29 0.64 0.00	4.97 0.36 0.00	-13.69 -0.98 0.00	21.85 1.66 0.00	23.98 1.78 0.00	32.10 2.27 0.00	40.23 2.63 0.00	42.31 2.93 0.00	42.60 2.97 0.00	38.24 2.66 0.00
TEALLAVE_115KV_TB7 355573	24.54 -0.22 -0.21	17.28 -0.15 -0.65	15.57 -0.13 0.00	15.15 -0.14 0.00	14.06 -0.12 0.00	21.70 -0.18 0.00	25.31 -0.21 0.00	26.85 -0.19 0.00	25.59 -0.22 0.00	28.35 -0.23 0.00	29.47 -0.24 0.00	22.69 -0.20 0.00	17.39 -0.15 0.00	9.54 -0.10 0.00	4.55 -0.06 0.00	-12.55 0.15 0.00	19.93 -0.27 0.00	21.91 -0.30 0.00	29.46 -0.38 0.00	37.19 -0.40 0.00	39.03 -0.36 0.00	39.26 -0.38 0.00	35.15 -0.43 0.00
TELGRAPH_34_KV_EAST 80808	23.51 -1.37 -0.33	16.89 -0.91 -1.02	15.01 -0.70 0.00	14.51 -0.79 0.00	13.49 -0.69 0.00	20.83 -1.05 0.00	24.56 -0.96 0.00	26.18 -0.87 0.00	24.89 -0.92 0.00	27.43 -1.14 0.00	28.48 -1.23 0.00	21.84 -1.05 0.00	16.71 -0.83 0.00	9.26 -0.39 0.00	4.38 -0.24 0.00	-12.64 0.06 0.00	19.40 -0.80 0.00	21.07 -1.14 0.00	28.21 -1.62 0.00	35.42 -2.17 0.00	36.92 -2.47 0.00	37.21 -2.43 0.00	33.23 -2.36 0.00

TEMPLE___115KV_TB 2 55572	24.56 -0.20 -0.21	17.30 -0.14 -0.66	15.57 -0.13 0.00	15.16 -0.13 0.00	14.07 -0.12 0.00	21.70 -0.18 0.00	25.33 -0.19 0.00	26.85 -0.19 0.00	25.59 -0.21 0.00	28.36 -0.22 0.00	29.47 -0.24 0.00	22.70 -0.19 0.00	17.40 -0.14 0.00	9.55 -0.10 0.00	4.55 -0.06 0.00	-12.56 0.14 0.00	19.94 -0.25 0.00	21.92 -0.28 0.00	29.49 -0.35 0.00	37.22 -0.37 0.00	39.05 -0.34 0.00	39.28 -0.35 0.00	35.18 -0.39 0.00
TIANA____69_KV_BK 1 55817	28.96 2.19 -2.22	25.12 1.42 -6.92	16.99 1.28 0.00	16.50 1.20 0.00	15.26 1.07 0.00	23.23 1.36 0.00	26.97 1.45 0.00	28.63 1.58 0.00	27.43 1.62 0.00	30.67 2.09 0.00	32.12 2.42 0.00	24.93 2.04 0.00	19.17 1.63 0.00	10.57 0.92 0.00	5.09 0.48 0.00	-14.12 -1.42 0.00	22.45 2.26 0.00	24.88 2.68 0.00	33.26 3.42 0.00	41.88 4.28 0.00	44.02 4.63 0.00	43.95 4.31 0.00	40.08 4.51 0.00
TILDEN___115KV_TB1 80814	24.72 -0.08 -0.25	17.49 -0.06 -0.78	15.65 -0.06 0.00	15.24 -0.06 0.00	14.14 -0.05 0.00	21.80 -0.08 0.00	25.41 -0.11 0.00	26.95 -0.09 0.00	25.70 -0.11 0.00	28.47 -0.11 0.00	29.58 -0.13 0.00	22.77 -0.11 0.00	17.46 -0.08 0.00	9.58 -0.07 0.00	4.56 -0.05 0.00	-12.58 0.12 0.00	19.99 -0.21 0.00	21.99 -0.22 0.00	29.58 -0.26 0.00	37.37 -0.22 0.00	39.25 -0.15 0.00	39.48 -0.15 0.00	35.36 -0.21 0.00
TRIGEN___CC 323695	28.36 1.58 -2.22	24.69 0.99 -6.92	16.57 0.87 0.00	16.11 0.81 0.00	14.94 0.76 0.00	22.93 1.05 0.00	26.67 1.15 0.00	28.31 1.27 0.00	27.01 1.20 0.00	30.01 1.44 0.00	31.47 1.77 0.00	24.46 1.57 0.00	18.87 1.33 0.00	10.41 0.77 0.00	5.02 0.40 0.00	-13.85 -1.15 0.00	22.06 1.86 0.00	24.26 2.06 0.00	32.36 2.52 0.00	40.66 3.06 0.00	42.82 3.43 0.00	43.02 3.38 0.00	38.88 3.30 0.00
TRINITY__115KV__ 4 BK 55933	27.92 0.83 -2.53	25.22 0.55 -7.88	16.22 0.51 0.00	15.79 0.49 0.00	14.64 0.46 0.00	22.56 0.68 0.00	26.22 0.69 0.00	27.69 0.65 0.00	26.23 0.42 0.00	29.06 0.49 0.00	30.27 0.56 0.00	23.35 0.46 0.00	17.90 0.35 0.00	9.86 0.22 0.00	4.74 0.13 0.00	-12.93 -0.23 0.00	20.65 0.45 0.00	22.77 0.56 0.00	30.47 0.63 0.00	38.33 0.74 0.00	40.37 0.98 0.00	40.70 1.07 0.00	36.72 1.14 0.00
UNION___PROCESSING_DRP 323587	24.24 -0.59 -0.27	17.22 -0.41 -0.85	15.38 -0.32 0.00	14.92 -0.38 0.00	13.86 -0.33 0.00	21.39 -0.49 0.00	25.08 -0.45 0.00	26.69 -0.35 0.00	25.41 -0.40 0.00	28.11 -0.47 0.00	29.21 -0.49 0.00	22.43 -0.46 0.00	17.15 -0.39 0.00	9.38 -0.27 0.00	4.48 -0.13 0.00	-12.64 0.07 0.00	19.79 -0.41 0.00	21.71 -0.49 0.00	29.22 -0.62 0.00	36.82 -0.77 0.00	38.49 -0.90 0.00	38.73 -0.90 0.00	34.58 -1.00 0.00
UPPER HUDSON___HYD 24058	28.84 1.68 -2.60	25.99 1.10 -8.11	16.73 1.03 0.00	16.31 1.01 0.00	15.15 0.97 0.00	23.26 1.38 0.00	27.04 1.52 0.00	28.63 1.58 0.00	27.26 1.45 0.00	30.22 1.64 0.00	31.14 1.43 0.00	23.89 1.00 0.00	18.18 0.64 0.00	9.99 0.34 0.00	4.81 0.20 0.00	-13.07 -0.36 0.00	21.09 0.90 0.00	23.51 1.30 0.00	31.84 2.00 0.00	40.22 2.62 0.00	42.27 2.88 0.00	42.71 3.08 0.00	38.25 2.67 0.00
UPPER RAQUET___HYD 24056	24.21 -0.38 -0.04	16.64 -0.25 -0.11	15.47 -0.24 0.00	15.08 -0.21 0.00	13.98 -0.21 0.00	21.60 -0.28 0.00	25.24 -0.28 0.00	26.83 -0.21 0.00	25.62 -0.18 0.00	28.17 -0.41 0.00	29.16 -0.54 0.00	22.39 -0.50 0.00	17.07 -0.46 0.00	9.35 -0.29 0.00	4.46 -0.16 0.00	-12.26 0.44 0.00	19.35 -0.84 0.00	21.30 -0.90 0.00	28.92 -0.91 0.00	36.69 -0.90 0.00	38.39 -1.01 0.00	38.49 -1.15 0.00	34.48 -1.09 0.00
VALLEY44_115KV_TB2 355964	23.59 -1.37 -0.41	17.07 -0.98 -1.27	14.95 -0.75 0.00	14.52 -0.78 0.00	13.48 -0.71 0.00	20.83 -1.05 0.00	24.41 -1.12 0.00	26.07 -0.97 0.00	24.61 -1.20 0.00	27.21 -1.36 0.00	28.31 -1.41 0.00	21.65 -1.24 0.00	16.60 -0.94 0.00	9.13 -0.51 0.00	4.36 -0.25 0.00	-12.45 0.25 0.00	19.37 -0.82 0.00	21.15 -1.05 0.00	28.40 -1.44 0.00	35.47 -2.13 0.00	37.13 -2.26 0.00	37.42 -2.22 0.00	33.29 -2.30 0.00
VALLEY___115KV_TB 1-4 80826	25.31 0.76 0.00	17.32 0.54 0.00	16.21 0.50 0.00	15.78 0.49 0.00	14.69 0.51 0.00	22.69 0.81 0.00	26.43 0.91 0.00	27.87 0.83 0.00	26.46 0.65 0.00	29.18 0.60 0.00	30.09 0.38 0.00	23.15 0.26 0.00	17.68 0.14 0.00	9.70 0.05 0.00	4.66 0.05 0.00	-12.64 0.07 0.00	20.20 0.01 0.00	22.51 0.31 0.00	30.55 0.71 0.00	38.89 1.30 0.00	41.19 1.80 0.00	41.49 1.86 0.00	37.32 1.74 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	26.55 0.98 -1.02	20.61 0.65 -3.17	16.30 0.60 0.00	15.87 0.58 0.00	14.75 0.56 0.00	22.73 0.85 0.00	26.50 0.98 0.00	28.06 1.01 0.00	26.75 0.94 0.00	29.65 1.07 0.00	30.91 1.20 0.00	23.82 0.93 0.00	18.26 0.72 0.00	10.04 0.40 0.00	4.81 0.20 0.00	-13.23 -0.53 0.00	21.06 0.86 0.00	23.19 0.99 0.00	31.28 1.44 0.00	39.47 1.88 0.00	41.33 1.94 0.00	41.57 1.94 0.00	37.25 1.67 0.00
VISCHER___FERRY HYD 24020	28.16 1.04 -2.57	25.47 0.69 -8.00	16.34 0.64 0.00	15.91 0.62 0.00	14.76 0.58 0.00	22.72 0.84 0.00	26.43 0.91 0.00	27.90 0.86 0.00	26.52 0.72 0.00	29.41 0.83 0.00	30.52 0.81 0.00	23.51 0.62 0.00	18.00 0.46 0.00	9.94 0.29 0.00	4.77 0.16 0.00	-12.98 -0.28 0.00	20.80 0.60 0.00	22.99 0.78 0.00	30.88 1.04 0.00	38.90 1.30 0.00	40.98 1.59 0.00	41.33 1.70 0.00	37.22 1.64 0.00
V_A_10_SYNC_DSASP 323832	23.50 -1.37 -0.31	16.85 -0.92 -0.98	14.97 -0.73 0.00	14.48 -0.81 0.00	13.46 -0.73 0.00	20.78 -1.10 0.00	24.44 -1.09 0.00	26.05 -0.99 0.00	24.75 -1.06 0.00	27.36 -1.22 0.00	28.41 -1.30 0.00	21.82 -1.08 0.00	16.71 -0.83 0.00	9.17 -0.47 0.00	4.38 -0.24 0.00	-12.58 0.12 0.00	19.41 -0.78 0.00	21.14 -1.06 0.00	28.32 -1.52 0.00	35.41 -2.19 0.00	36.82 -2.58 0.00	37.07 -2.57 0.00	33.09 -2.50 0.00
V_CMM_10_SYNC_DSASP 323787	24.33 -0.22 0.00	16.64 -0.14 0.00	15.57 -0.13 0.00	15.17 -0.13 0.00	14.05 -0.14 0.00	21.71 -0.17 0.00	25.39 -0.13 0.00	26.95 -0.09 0.00	25.77 -0.04 0.00	28.51 -0.07 0.00	29.60 -0.10 0.00	22.77 -0.12 0.00	17.41 -0.13 0.00	9.56 -0.09 0.00	4.56 -0.05 0.00	-12.62 0.09 0.00	19.99 -0.21 0.00	21.97 -0.23 0.00	29.58 -0.26 0.00	37.29 -0.30 0.00	38.95 -0.45 0.00	39.13 -0.51 0.00	35.09 -0.50 0.00
V_CMP_10_SYNC_DSASP 323788	24.51 -0.05 0.00	16.86 0.08 0.00	15.77 0.06 0.00	15.37 0.08 0.00	14.24 0.06 0.00	22.03 0.15 0.00	25.73 0.21 0.00	27.24 0.19 0.00	26.01 0.20 0.00	28.80 0.22 0.00	29.94 0.24 0.00	22.94 0.05 0.00	17.53 -0.01 0.00	9.65 0.00 0.00	4.61 -0.01 0.00	-12.68 0.03 0.00	20.12 -0.08 0.00	22.12 -0.09 0.00	29.75 -0.09 0.00	37.63 0.04 0.00	39.46 0.06 0.00	39.52 -0.12 0.00	35.44 -0.14 0.00

V_D_10_SYNC_DSASP 323841	24.42 -0.13 0.00	16.71 -0.08 0.00	15.63 -0.08 0.00	15.22 -0.07 0.00	14.10 -0.08 0.00	21.79 -0.09 0.00	25.48 -0.04 0.00	27.06 0.02 0.00	25.87 0.07 0.00	28.59 0.02 0.00	29.67 -0.04 0.00	22.80 -0.09 0.00	17.44 -0.10 0.00	9.57 -0.07 0.00	4.56 -0.05 0.00	-12.62 0.09 0.00	19.98 -0.21 0.00	21.97 -0.23 0.00	29.61 -0.23 0.00	37.37 -0.22 0.00	39.05 -0.35 0.00	39.21 -0.42 0.00	35.19 -0.39 0.00
V_E_10_SYNC_DSASP 323830	26.16 0.88 -0.73	19.52 0.47 -2.27	16.34 0.63 0.00	16.01 0.72 0.00	14.96 0.78 0.00	23.11 1.23 0.00	27.07 1.55 0.00	28.80 1.76 0.00	27.40 1.60 0.00	30.30 1.72 0.00	31.37 1.66 0.00	24.01 1.12 0.00	18.22 0.69 0.00	10.03 0.38 0.00	4.71 0.10 0.00	-13.03 -0.32 0.00	20.44 0.25 0.00	22.62 0.42 0.00	31.10 1.27 0.00	40.32 2.73 0.00	42.69 3.30 0.00	42.84 3.20 0.00	38.24 2.67 0.00
V_F_30_NSYNC___DSASP 323816	28.50 1.35 -2.60	25.77 0.89 -8.09	16.53 0.83 0.00	16.10 0.80 0.00	14.94 0.76 0.00	23.00 1.12 0.00	26.78 1.25 0.00	28.31 1.26 0.00	26.93 1.12 0.00	29.85 1.27 0.00	30.90 1.19 0.00	23.77 0.88 0.00	18.15 0.61 0.00	10.00 0.35 0.00	4.80 0.19 0.00	-13.09 -0.38 0.00	20.98 0.79 0.00	23.27 1.07 0.00	31.40 1.56 0.00	39.64 2.04 0.00	41.73 2.33 0.00	42.06 2.42 0.00	37.75 2.17 0.00
V_F_30_SYNC_DSASP 323786	28.01 0.91 -2.55	25.33 0.60 -7.94	16.26 0.55 0.00	15.83 0.54 0.00	14.69 0.50 0.00	22.62 0.74 0.00	26.29 0.77 0.00	27.78 0.74 0.00	26.31 0.51 0.00	29.16 0.58 0.00	30.37 0.66 0.00	23.43 0.54 0.00	17.95 0.41 0.00	9.89 0.25 0.00	4.75 0.14 0.00	-12.98 -0.27 0.00	20.72 0.52 0.00	22.84 0.64 0.00	30.61 0.77 0.00	38.50 0.91 0.00	40.53 1.14 0.00	40.86 1.22 0.00	36.86 1.28 0.00
V_XM_10_SYNC_DSASP 323789	24.51 -0.05 0.00	16.86 0.08 0.00	15.77 0.06 0.00	15.37 0.08 0.00	14.24 0.06 0.00	22.03 0.15 0.00	25.73 0.21 0.00	27.24 0.19 0.00	26.01 0.20 0.00	28.80 0.22 0.00	29.94 0.24 0.00	22.94 0.05 0.00	17.53 -0.01 0.00	9.65 0.00 0.00	4.61 -0.01 0.00	-12.68 0.03 0.00	20.12 -0.08 0.00	22.12 -0.09 0.00	29.75 -0.09 0.00	37.63 0.04 0.00	39.46 0.06 0.00	39.52 -0.12 0.00	35.44 -0.14 0.00
W.BABYLN_69_KV_BK1 56697	28.87 2.10 -2.22	25.04 1.34 -6.92	16.89 1.18 0.00	16.39 1.09 0.00	15.21 1.02 0.00	23.29 1.41 0.00	27.09 1.56 0.00	28.75 1.71 0.00	27.47 1.66 0.00	30.62 2.04 0.00	32.11 2.41 0.00	24.94 2.05 0.00	19.23 1.69 0.00	10.61 0.96 0.00	5.10 0.49 0.00	-14.10 -1.39 0.00	22.44 2.25 0.00	24.75 2.55 0.00	33.04 3.20 0.00	41.60 4.00 0.00	43.86 4.47 0.00	44.01 4.37 0.00	39.88 4.29 0.00
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	28.12 1.39 -2.18	24.46 0.87 -6.80	16.47 0.77 0.00	16.03 0.74 0.00	14.87 0.68 0.00	22.88 1.00 0.00	26.64 1.12 0.00	28.28 1.24 0.00	26.90 1.10 0.00	29.80 1.23 0.00	31.17 1.46 0.00	24.21 1.32 0.00	18.67 1.13 0.00	10.33 0.68 0.00	4.98 0.37 0.00	-13.73 -1.03 0.00	21.93 1.73 0.00	24.07 1.87 0.00	32.22 2.38 0.00	40.38 2.79 0.00	42.49 3.09 0.00	42.76 3.12 0.00	38.39 2.80 0.00
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	28.22 1.45 -2.22	24.62 0.92 -6.91	16.51 0.80 0.00	16.06 0.77 0.00	14.89 0.70 0.00	22.92 1.04 0.00	26.68 1.16 0.00	28.32 1.28 0.00	26.97 1.17 0.00	29.87 1.29 0.00	31.21 1.50 0.00	24.31 1.42 0.00	18.78 1.24 0.00	10.38 0.74 0.00	5.01 0.40 0.00	-13.84 -1.14 0.00	22.08 1.88 0.00	24.20 2.00 0.00	32.31 2.47 0.00	40.43 2.84 0.00	42.54 3.15 0.00	42.81 3.17 0.00	38.46 2.88 0.00
W50THST__13_KV_LOAD 356117	28.34 1.57 -2.22	24.70 1.00 -6.91	16.58 0.88 0.00	16.14 0.84 0.00	14.96 0.77 0.00	23.04 1.15 0.00	26.82 1.30 0.00	28.46 1.42 0.00	27.12 1.32 0.00	30.03 1.45 0.00	31.38 1.67 0.00	24.45 1.56 0.00	18.90 1.36 0.00	10.44 0.80 0.00	5.04 0.43 0.00	-13.93 -1.23 0.00	22.23 2.03 0.00	24.37 2.17 0.00	32.51 2.67 0.00	40.67 3.07 0.00	42.78 3.39 0.00	43.05 3.41 0.00	38.64 3.06 0.00
WADING RIVER_IC_1 23522	28.85 2.08 -2.22	25.04 1.34 -6.92	16.90 1.20 0.00	16.41 1.12 0.00	15.20 1.02 0.00	23.20 1.32 0.00	26.95 1.43 0.00	28.60 1.55 0.00	27.36 1.56 0.00	30.57 1.99 0.00	32.02 2.31 0.00	24.81 1.92 0.00	19.09 1.55 0.00	10.52 0.88 0.00	5.06 0.45 0.00	-14.08 -1.37 0.00	22.37 2.18 0.00	24.77 2.57 0.00	33.07 3.23 0.00	41.57 3.98 0.00	43.72 4.33 0.00	43.73 4.10 0.00	39.88 4.29 0.00
WADING RIVER_IC_2 23547	28.85 2.08 -2.22	25.04 1.34 -6.92	16.90 1.20 0.00	16.41 1.12 0.00	15.20 1.02 0.00	23.20 1.32 0.00	26.95 1.43 0.00	28.60 1.55 0.00	27.36 1.56 0.00	30.57 1.99 0.00	32.02 2.31 0.00	24.81 1.92 0.00	19.09 1.55 0.00	10.52 0.88 0.00	5.06 0.45 0.00	-14.08 -1.37 0.00	22.37 2.18 0.00	24.77 2.57 0.00	33.07 3.23 0.00	41.57 3.98 0.00	43.72 4.33 0.00	43.73 4.10 0.00	39.88 4.29 0.00
WADING RIVER_IC_3 23601	28.85 2.08 -2.22	25.04 1.34 -6.92	16.90 1.20 0.00	16.41 1.12 0.00	15.20 1.02 0.00	23.20 1.32 0.00	26.95 1.43 0.00	28.60 1.55 0.00	27.36 1.56 0.00	30.57 1.99 0.00	32.02 2.31 0.00	24.81 1.92 0.00	19.09 1.55 0.00	10.52 0.88 0.00	5.06 0.45 0.00	-14.08 -1.37 0.00	22.37 2.18 0.00	24.77 2.57 0.00	33.07 3.23 0.00	41.57 3.98 0.00	43.72 4.33 0.00	43.73 4.10 0.00	39.88 4.29 0.00
WALDENNY_12_KV_BK2 80841	23.56 -1.36 -0.37	17.01 -0.92 -1.15	15.00 -0.70 0.00	14.52 -0.77 0.00	13.50 -0.68 0.00	20.87 -1.01 0.00	24.58 -0.94 0.00	26.23 -0.81 0.00	24.90 -0.91 0.00	27.52 -1.06 0.00	28.59 -1.12 0.00	21.91 -0.98 0.00	16.82 -0.73 0.00	9.24 -0.40 0.00	4.41 -0.21 0.00	-12.71 -0.01 0.00	19.61 -0.59 0.00	21.31 -0.89 0.00	28.54 -1.30 0.00	35.70 -1.89 0.00	37.15 -2.25 0.00	37.41 -2.23 0.00	33.30 -2.29 0.00
WALDEN___HYDRO 24148	28.03 1.29 -2.19	24.41 0.82 -6.81	16.43 0.73 0.00	16.00 0.70 0.00	14.83 0.65 0.00	22.83 0.95 0.00	26.57 1.04 0.00	28.18 1.14 0.00	26.81 1.01 0.00	29.70 1.12 0.00	31.03 1.32 0.00	24.06 1.17 0.00	18.54 1.00 0.00	10.24 0.59 0.00	4.94 0.33 0.00	-13.59 -0.88 0.00	21.70 1.50 0.00	23.85 1.64 0.00	31.99 2.15 0.00	40.16 2.57 0.00	42.27 2.87 0.00	42.54 2.90 0.00	38.17 2.60 0.00
WARRENSBURG____ 23737	28.84 1.68 -2.60	25.99 1.10 -8.11	16.73 1.03 0.00	16.31 1.01 0.00	15.15 0.97 0.00	23.26 1.38 0.00	27.04 1.52 0.00	28.63 1.58 0.00	27.26 1.45 0.00	30.22 1.64 0.00	31.14 1.43 0.00	23.89 1.00 0.00	18.18 0.64 0.00	9.99 0.34 0.00	4.81 0.20 0.00	-13.06 -0.36 0.00	21.09 0.90 0.00	23.51 1.30 0.00	31.83 2.00 0.00	40.22 2.62 0.00	42.27 2.88 0.00	42.71 3.07 0.00	38.25 2.67 0.00

WATERSIDE___6 8 9 23538	28.21 1.44 -2.22	24.62 0.92 -6.91	16.51 0.80 0.00	16.06 0.77 0.00	14.88 0.70 0.00	22.92 1.04 0.00	26.67 1.14 0.00	28.30 1.26 0.00	26.96 1.15 0.00	29.82 1.25 0.00	31.16 1.46 0.00	24.30 1.41 0.00	18.78 1.23 0.00	10.38 0.73 0.00	5.01 0.40 0.00	-13.83 -1.12 0.00	22.07 1.87 0.00	24.20 2.00 0.00	32.26 2.42 0.00	40.39 2.80 0.00	42.51 3.12 0.00	42.78 3.14 0.00	38.42 2.85 0.00
WATKINRD_115KV_LN8_ILLION 55919	25.79 1.24 0.00	17.64 0.85 0.00	16.48 0.78 0.00	16.04 0.75 0.00	14.95 0.77 0.00	23.07 1.19 0.00	26.84 1.32 0.00	28.20 1.16 0.00	26.70 0.89 0.00	29.38 0.80 0.00	30.17 0.46 0.00	23.16 0.27 0.00	17.64 0.10 0.00	9.68 0.04 0.00	4.68 0.07 0.00	-12.57 0.13 0.00	20.18 -0.02 0.00	22.69 0.48 0.00	30.94 1.10 0.00	39.58 1.98 0.00	42.14 2.75 0.00	42.49 2.85 0.00	38.24 2.66 0.00
WDELAWARE___HYD 323627	27.92 1.25 -2.12	24.16 0.79 -6.59	16.41 0.71 0.00	15.97 0.68 0.00	14.80 0.62 0.00	22.79 0.92 0.00	26.54 1.02 0.00	28.14 1.09 0.00	26.49 0.68 0.00	29.37 0.79 0.00	30.68 0.97 0.00	23.73 0.85 0.00	18.23 0.69 0.00	9.96 0.32 0.00	4.80 0.19 0.00	-13.23 -0.52 0.00	21.15 0.95 0.00	23.32 1.11 0.00	31.34 1.50 0.00	39.33 1.74 0.00	41.36 1.97 0.00	41.63 2.00 0.00	37.32 1.74 0.00
WEST BABYLON___IC 23714	28.87 2.10 -2.22	25.04 1.34 -6.92	16.89 1.18 0.00	16.39 1.09 0.00	15.21 1.02 0.00	23.29 1.41 0.00	27.09 1.56 0.00	28.75 1.71 0.00	27.47 1.66 0.00	30.62 2.04 0.00	32.11 2.41 0.00	24.94 2.05 0.00	19.23 1.69 0.00	10.61 0.96 0.00	5.10 0.49 0.00	-14.10 -1.39 0.00	22.44 2.25 0.00	24.75 2.55 0.00	33.04 3.20 0.00	41.60 4.00 0.00	43.86 4.47 0.00	44.01 4.37 0.00	39.88 4.29 0.00
WEST CANADA___HYD 24049	24.70 0.15 0.00	16.88 0.10 0.00	15.80 0.09 0.00	15.38 0.09 0.00	14.27 0.08 0.00	22.01 0.12 0.00	25.65 0.13 0.00	27.16 0.12 0.00	25.88 0.08 0.00	28.66 0.09 0.00	29.81 0.10 0.00	22.98 0.09 0.00	17.62 0.07 0.00	9.69 0.04 0.00	4.64 0.03 0.00	-12.75 -0.05 0.00	20.29 0.09 0.00	22.31 0.11 0.00	29.98 0.15 0.00	37.78 0.19 0.00	39.66 0.27 0.00	39.91 0.28 0.00	35.86 0.28 0.00
WESTERN_NY_WIND 24143	23.99 -0.88 -0.32	17.18 -0.60 -0.99	15.28 -0.42 0.00	14.78 -0.51 0.00	13.75 -0.44 0.00	21.23 -0.64 0.00	25.01 -0.52 0.00	26.65 -0.39 0.00	25.34 -0.47 0.00	27.93 -0.65 0.00	28.93 -0.78 0.00	22.16 -0.73 0.00	16.87 -0.67 0.00	9.36 -0.29 0.00	4.40 -0.21 0.00	-12.64 0.07 0.00	19.49 -0.70 0.00	21.23 -0.97 0.00	28.53 -1.31 0.00	36.14 -1.46 0.00	37.91 -1.48 0.00	38.21 -1.42 0.00	34.08 -1.50 0.00
WESTOVER___LESR 323668	25.42 0.11 -0.76	19.21 0.06 -2.37	15.77 0.06 0.00	15.36 0.07 0.00	14.26 0.07 0.00	22.01 0.12 0.00	25.68 0.16 0.00	27.25 0.21 0.00	25.90 0.09 0.00	28.67 0.09 0.00	29.83 0.12 0.00	22.96 0.07 0.00	17.62 0.08 0.00	9.69 0.04 0.00	4.62 0.01 0.00	-12.78 -0.08 0.00	20.33 0.14 0.00	22.34 0.14 0.00	30.07 0.24 0.00	37.97 0.38 0.00	39.87 0.48 0.00	40.15 0.51 0.00	35.90 0.32 0.00
WETHRSFD_WT_PWR 323626	23.68 -1.29 -0.41	17.18 -0.87 -1.27	15.00 -0.70 0.00	14.56 -0.73 0.00	13.56 -0.63 0.00	21.03 -0.85 0.00	24.76 -0.76 0.00	26.44 -0.60 0.00	25.09 -0.72 0.00	27.69 -0.89 0.00	28.74 -0.97 0.00	21.92 -0.97 0.00	16.74 -0.80 0.00	9.16 -0.48 0.00	4.36 -0.25 0.00	-12.47 0.23 0.00	19.39 -0.81 0.00	21.16 -1.04 0.00	28.55 -1.29 0.00	36.16 -1.44 0.00	37.89 -1.51 0.00	38.17 -1.47 0.00	33.98 -1.61 0.00
WHAVSTOR_138KV_BK127 55557	28.01 1.28 -2.19	24.39 0.80 -6.81	16.40 0.70 0.00	15.97 0.67 0.00	14.80 0.62 0.00	22.78 0.91 0.00	26.52 1.00 0.00	28.15 1.10 0.00	26.78 0.97 0.00	29.65 1.08 0.00	31.01 1.30 0.00	24.09 1.20 0.00	18.58 1.04 0.00	10.28 0.63 0.00	4.96 0.35 0.00	-13.66 -0.96 0.00	21.81 1.61 0.00	23.93 1.73 0.00	32.04 2.20 0.00	40.15 2.56 0.00	42.24 2.84 0.00	42.52 2.89 0.00	38.17 2.59 0.00
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	28.01 1.28 -2.19	24.39 0.80 -6.81	16.40 0.70 0.00	15.97 0.67 0.00	14.80 0.62 0.00	22.78 0.91 0.00	26.52 1.00 0.00	28.15 1.10 0.00	26.78 0.97 0.00	29.65 1.08 0.00	31.01 1.30 0.00	24.09 1.20 0.00	18.58 1.04 0.00	10.28 0.63 0.00	4.96 0.35 0.00	-13.66 -0.96 0.00	21.81 1.61 0.00	23.93 1.73 0.00	32.04 2.20 0.00	40.15 2.56 0.00	42.24 2.84 0.00	42.52 2.89 0.00	38.17 2.59 0.00
WHITEHAL_115KV_TB1 80871	29.53 2.38 -2.60	26.37 1.48 -8.10	17.12 1.42 0.00	16.76 1.47 0.00	15.62 1.44 0.00	23.69 1.82 0.00	27.50 1.98 0.00	28.94 1.90 0.00	27.57 1.77 0.00	30.70 2.12 0.00	31.72 2.01 0.00	24.16 1.28 0.00	18.35 0.81 0.00	10.08 0.44 0.00	4.88 0.27 0.00	-13.12 -0.42 0.00	21.33 1.13 0.00	24.09 1.89 0.00	32.59 2.75 0.00	41.04 3.44 0.00	43.48 4.09 0.00	43.88 4.24 0.00	39.00 3.42 0.00
WHITEPLN_13_KV_LOAD 356215	28.41 1.64 -2.22	24.76 1.06 -6.91	16.64 0.94 0.00	16.20 0.90 0.00	15.01 0.83 0.00	23.11 1.24 0.00	26.91 1.39 0.00	28.57 1.53 0.00	27.21 1.41 0.00	30.16 1.58 0.00	31.53 1.83 0.00	24.51 1.62 0.00	18.91 1.38 0.00	10.45 0.81 0.00	5.04 0.43 0.00	-13.88 -1.18 0.00	22.17 1.97 0.00	24.35 2.15 0.00	32.59 2.76 0.00	40.87 3.28 0.00	43.02 3.63 0.00	43.28 3.65 0.00	38.85 3.27 0.00
WM_FLOYD_69_KV_BK2 356380	28.85 2.08 -2.22	25.04 1.34 -6.92	16.90 1.20 0.00	16.40 1.11 0.00	15.20 1.02 0.00	23.22 1.34 0.00	26.98 1.46 0.00	28.62 1.58 0.00	27.37 1.57 0.00	30.58 2.01 0.00	32.03 2.33 0.00	24.84 1.95 0.00	19.14 1.60 0.00	10.55 0.91 0.00	5.07 0.46 0.00	-14.08 -1.38 0.00	22.37 2.18 0.00	24.75 2.55 0.00	33.04 3.20 0.00	41.61 4.01 0.00	43.79 4.40 0.00	43.84 4.21 0.00	39.94 4.37 0.00
WOODARD___115KV_TB2 355635	24.51 -0.25 -0.21	17.27 -0.17 -0.66	15.55 -0.16 0.00	15.13 -0.16 0.00	14.04 -0.14 0.00	21.67 -0.21 0.00	25.28 -0.24 0.00	26.80 -0.24 0.00	25.54 -0.26 0.00	28.30 -0.28 0.00	29.41 -0.30 0.00	22.65 -0.24 0.00	17.36 -0.18 0.00	9.52 -0.12 0.00	4.54 -0.07 0.00	-12.53 0.18 0.00	19.89 -0.30 0.00	21.88 -0.33 0.00	29.41 -0.43 0.00	37.13 -0.47 0.00	38.97 -0.43 0.00	39.19 -0.45 0.00	35.11 -0.46 0.00
YORK___WARBASSE 23770	28.28 1.51 -2.22	24.65 0.95 -6.91	16.53 0.83 0.00	16.08 0.79 0.00	14.91 0.73 0.00	22.95 1.07 0.00	26.72 1.20 0.00	28.36 1.32 0.00	27.03 1.23 0.00	29.90 1.32 0.00	31.25 1.54 0.00	24.36 1.47 0.00	18.81 1.28 0.00	10.41 0.76 0.00	5.03 0.42 0.00	-13.88 -1.17 0.00	22.14 1.95 0.00	24.28 2.08 0.00	32.39 2.55 0.00	40.58 2.99 0.00	42.73 3.34 0.00	42.99 3.35 0.00	38.60 3.02 0.00