

Day Ahead Market Generator LBMP

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

Generator Data

11/12/2023

Name	00:00	01:00	02:00	03:00	04:00	05:00	06:00	07:00	08:00	09:00	10:00	11:00	12:00	13:00	14:00	15:00	16:00	17:00	18:00	19:00	20:00	21:00	22:00	23:00
PTID	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST
59TH STREET_GT_1	30.25	30.03	29.55	29.33	29.03	29.72	30.63	30.29	30.57	29.01	26.76	26.81	26.94	27.29	27.86	30.59	40.75	54.15	47.47	41.75	36.97	34.50	31.42	30.54
24138	1.87	1.78	1.51	1.34	1.33	1.60	1.92	2.11	2.29	1.90	1.61	1.52	1.64	1.66	1.72	2.24	3.40	4.18	3.92	3.41	3.02	2.78	2.44	2.08
	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	-4.06	0.00	-0.03	0.00	-0.09	0.00	0.00
74TH STREET_GT_1	30.20	29.89	29.47	29.27	28.97	29.64	30.51	30.20	30.15	28.93	26.68	26.73	26.86	27.22	27.78	30.51	40.60	54.02	47.38	41.60	36.90	34.43	31.33	30.35
24260	1.82	1.64	1.43	1.29	1.27	1.52	1.81	2.03	1.87	1.82	1.53	1.44	1.57	1.59	1.65	2.15	3.25	4.04	3.83	3.26	2.95	2.72	2.35	1.88
	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	-4.06	0.00	-0.03	0.00	-0.09	0.00	0.00
74TH STREET_GT_2	30.20	29.89	29.47	29.27	28.97	29.64	30.51	30.20	30.15	28.93	26.68	26.73	26.86	27.22	27.78	30.51	40.60	54.02	47.38	41.60	36.90	34.43	31.33	30.35
24261	1.82	1.64	1.43	1.29	1.27	1.52	1.81	2.03	1.87	1.82	1.53	1.44	1.57	1.59	1.65	2.15	3.25	4.04	3.83	3.26	2.95	2.72	2.35	1.88
	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	-4.06	0.00	-0.03	0.00	-0.09	0.00	0.00
ADK HUDSON___FALLS	29.66	29.46	29.08	28.96	28.86	29.44	30.28	29.69	29.59	28.28	26.13	26.03	26.05	26.45	27.02	29.51	39.67	54.15	46.42	40.92	36.02	33.54	30.78	29.92
24011	1.28	1.21	1.04	0.98	1.16	1.32	1.58	1.52	1.30	1.17	0.98	0.73	0.76	0.82	0.89	1.16	2.32	2.98	2.87	2.57	2.07	1.80	1.80	1.45
	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	-5.25	0.00	-0.04	0.00	-0.12	0.00	0.00
ADK RESOURCE___RCVRY	29.83	29.66	29.22	29.10	29.00	29.64	30.51	29.86	29.98	28.44	26.28	26.15	26.18	26.58	27.15	29.68	39.97	54.57	46.77	41.26	36.26	33.77	30.98	30.20
23798	1.45	1.41	1.18	1.12	1.30	1.52	1.81	1.69	1.70	1.33	1.13	0.86	0.88	0.95	1.02	1.33	2.61	3.40	3.22	2.91	2.31	2.03	2.00	1.74
	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	-5.26	0.00	-0.04	0.00	-0.12	0.00	0.00
ADK S GLENS___FALLS	29.66	29.46	29.08	28.96	28.86	29.44	30.28	29.69	29.59	28.28	26.13	26.03	26.05	26.45	27.02	29.51	39.67	54.15	46.42	40.92	36.02	33.54	30.78	29.92
24028	1.28	1.21	1.04	0.98	1.16	1.32	1.58	1.52	1.30	1.17	0.98	0.73	0.76	0.82	0.89	1.16	2.32	2.98	2.87	2.57	2.07	1.80	1.80	1.45
	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	-5.25	0.00	-0.04	0.00	-0.12	0.00	0.00
ADK_NYS___DAM	29.57	29.29	28.88	28.74	28.47	29.11	30.00	29.52	29.64	28.09	25.95	26.03	26.08	26.45	27.05	29.68	39.71	53.84	46.11	40.61	35.99	33.66	30.58	29.83
23527	1.19	1.05	0.84	0.76	0.77	0.98	1.29	1.35	1.36	0.97	0.80	0.73	0.78	0.82	0.91	1.33	2.35	2.85	2.57	2.26	2.04	1.93	1.59	1.37
	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	-5.08	0.00	-0.04	0.00	-0.11	0.00	0.00
AIR_PRODUCTS___DRP	28.72	28.47	28.15	28.01	27.84	28.35	29.16	28.68	28.60	27.36	25.40	25.44	25.47	25.86	26.39	28.78	38.43	52.32	44.77	39.46	34.93	32.68	29.71	28.87
24190	0.34	0.23	0.11	0.03	0.14	0.22	0.46	0.51	0.31	0.24	0.25	0.15	0.18	0.23	0.26	0.43	1.08	1.33	1.22	1.11	0.98	0.95	0.72	0.40
	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	-5.08	0.00	-0.04	0.00	-0.11	0.00	0.00
AKWESSNE_115KV_BK	28.24	28.16	28.09	28.07	27.75	28.04	28.50	28.03	28.40	27.22	25.20	25.37	25.37	25.68	26.19	28.18	36.94	45.46	43.20	38.08	33.71	31.46	28.75	28.35
355683	-0.14	-0.08	0.06	0.08	0.06	-0.08	-0.20	-0.14	0.11	0.11	0.05	0.08	0.08	0.05	0.05	-0.17	-0.41	-0.46	-0.35	-0.23	-0.24	-0.16	-0.23	-0.11
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ALBANY___1	28.72	28.47	28.15	28.01	27.84	28.35	29.16	28.68	28.60	27.36	25.40	25.44	25.47	25.86	26.39	28.78	38.43	52.32	44.77	39.46	34.93	32.68	29.71	28.87
23571	0.34	0.23	0.11	0.03	0.14	0.22	0.46	0.51	0.31	0.24	0.25	0.15	0.18	0.23	0.26	0.43	1.08	1.33	1.22	1.11	0.98	0.95	0.72	0.40
	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	-5.08	0.00	-0.04	0.00	-0.11	0.00	0.00
ALBANY___2	28.72	28.47	28.15	28.01	27.84	28.35	29.16	28.68	28.60	27.36	25.40	25.44	25.47	25.86	26.39	28.78	38.43	52.32	44.77	39.46	34.93	32.68	29.71	28.87
23572	0.34	0.23	0.11	0.03	0.14	0.22	0.46	0.51	0.31	0.24	0.25	0.15	0.18	0.23	0.26	0.43	1.08	1.33	1.22	1.11	0.98	0.95	0.72	0.40
	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	-5.08	0.00	-0.04	0.00	-0.11	0.00	0.00
ALBANY___3	28.72	28.47	28.15	28.01	27.84	28.35	29.16	28.68	28.60	27.36	25.40	25.44	25.47	25.86	26.39	28.78	38.43	52.32	44.77	39.46	34.93	32.68	29.71	28.87
23573	0.34	0.23	0.11	0.03	0.14	0.22	0.46	0.51	0.31	0.24	0.25	0.15	0.18	0.23	0.26	0.43	1.08	1.33	1.22	1.11	0.98	0.95	0.72	0.40
	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	-5.08	0.00	-0.04	0.00	-0.11	0.00	0.00

ALBANY___4 23574	28.72 0.34 0.00	28.47 0.23 0.00	28.15 0.11 0.00	28.01 0.03 0.00	27.84 0.14 0.00	28.35 0.22 0.00	29.16 0.46 0.00	28.68 0.51 0.00	28.60 0.31 0.00	27.36 0.24 0.00	25.40 0.25 0.00	25.44 0.15 0.00	25.47 0.18 0.00	25.86 0.23 0.00	26.39 0.26 0.00	28.78 0.43 0.00	38.43 1.08 0.00	52.32 1.33 -5.08	44.77 1.22 0.00	39.46 1.11 -0.04	34.93 0.98 0.00	32.68 0.95 -0.11	29.71 0.72 0.00	28.87 0.40 0.00
ALBANY___LFGE 323615	29.00 0.62 0.00	28.84 0.59 0.00	28.43 0.39 0.00	28.29 0.31 0.00	28.06 0.36 0.00	28.65 0.53 0.00	29.48 0.78 0.00	28.96 0.79 0.00	29.08 0.79 0.00	27.63 0.51 0.00	25.62 0.48 0.00	25.67 0.38 0.00	25.70 0.40 0.00	26.09 0.46 0.00	26.63 0.50 0.00	29.12 0.77 0.00	38.88 1.53 0.00	52.92 1.88 -5.12	45.29 1.74 0.00	39.92 1.57 -0.04	35.31 1.36 0.00	33.00 1.27 -0.11	30.03 1.04 0.00	29.26 0.80 0.00
ALCOA_PA_115KV_PL-6C 55860	28.44 0.06 0.00	28.39 0.14 0.00	28.32 0.28 0.00	28.29 0.31 0.00	27.98 0.28 0.00	28.26 0.14 0.00	28.73 0.03 0.00	28.26 0.08 0.00	28.62 0.34 0.00	27.41 0.30 0.00	25.37 0.23 0.00	25.55 0.25 0.00	25.52 0.23 0.00	25.86 0.23 0.00	26.34 0.21 0.00	28.35 0.00 0.00	37.16 -0.19 0.00	45.78 -0.14 0.00	43.50 -0.04 0.00	38.35 0.04 0.00	33.91 -0.03 0.00	31.69 0.06 0.00	28.98 0.00 0.00	28.58 0.11 0.00
ALCOA_RYNLDS___DRP 24188	28.44 0.06 0.00	28.39 0.14 0.00	28.32 0.28 0.00	28.29 0.31 0.00	27.98 0.28 0.00	28.26 0.14 0.00	28.73 0.03 0.00	28.26 0.08 0.00	28.62 0.34 0.00	27.41 0.30 0.00	25.37 0.23 0.00	25.55 0.25 0.00	25.52 0.23 0.00	25.86 0.23 0.00	26.34 0.21 0.00	28.35 0.00 0.00	37.16 -0.19 0.00	45.78 -0.14 0.00	43.50 -0.04 0.00	38.35 0.04 0.00	33.91 -0.03 0.00	31.69 0.06 0.00	28.98 0.00 0.00	28.58 0.11 0.00
ALCOA___DSASP 323711	28.44 0.06 0.00	28.33 0.08 0.00	28.29 0.25 0.00	28.29 0.31 0.00	27.98 0.28 0.00	28.23 0.11 0.00	28.67 -0.03 0.00	28.26 0.08 0.00	28.31 0.03 0.00	27.41 0.30 0.00	25.37 0.23 0.00	25.55 0.25 0.00	25.52 0.23 0.00	25.86 0.23 0.00	26.34 0.21 0.00	28.32 -0.03 0.00	37.17 -0.19 0.00	45.73 -0.18 0.00	43.50 -0.04 0.00	38.35 0.04 0.00	33.95 0.00 0.00	31.69 0.06 0.00	28.98 0.00 0.00	28.50 0.03 0.00
ALLEGHENY___COGEN 23514	30.02 1.65 0.00	29.94 1.69 0.00	29.50 1.46 0.00	29.58 1.59 0.00	29.14 1.44 0.00	29.70 1.57 0.00	30.80 2.09 0.00	29.27 1.10 0.00	29.02 0.73 0.00	27.46 0.35 0.00	25.95 0.80 0.00	26.33 1.04 0.00	26.03 0.73 0.00	26.27 0.64 0.00	26.68 0.55 0.00	29.26 0.91 0.00	38.02 0.67 0.00	48.45 1.33 -1.20	44.59 1.04 0.00	38.90 0.58 -0.01	34.66 0.71 0.00	32.22 0.57 -0.03	29.97 0.99 0.00	29.26 0.80 0.00
ALTAMONT_115KV_TB 2 55880	29.12 0.74 0.00	28.93 0.68 0.00	28.60 0.56 0.00	28.46 0.48 0.00	28.28 0.58 0.00	28.80 0.67 0.00	29.54 0.83 0.00	29.05 0.87 0.00	28.96 0.68 0.00	27.74 0.62 0.00	25.67 0.53 0.00	25.75 0.46 0.00	25.80 0.51 0.00	26.17 0.54 0.00	26.71 0.57 0.00	29.20 0.85 0.00	38.88 1.53 0.00	52.87 1.88 -5.08	45.29 1.74 0.00	39.92 1.57 -0.04	35.34 1.39 0.00	33.03 1.30 -0.11	30.06 1.07 0.00	29.24 0.77 0.00
ALTONA_WT_PWR 323606	29.20 0.82 0.00	29.09 0.85 0.00	29.05 1.01 0.00	29.05 1.06 0.00	28.73 1.03 0.00	29.02 0.90 0.00	29.54 0.83 0.00	29.10 0.93 0.00	29.16 0.88 0.00	28.17 1.06 0.00	26.08 0.93 0.00	26.28 0.99 0.00	26.26 0.96 0.00	26.60 0.97 0.00	27.10 0.97 0.00	29.14 0.79 0.00	38.29 0.93 0.00	47.20 1.28 0.00	44.94 1.39 0.00	39.66 1.34 0.00	35.07 1.12 0.00	32.70 1.08 0.00	29.83 0.84 0.00	29.29 0.83 0.00
AMERICAN_REF_FUEL 24010	28.15 -0.23 0.00	28.05 -0.20 0.00	27.45 -0.59 0.00	27.62 -0.36 0.00	27.40 -0.30 0.00	27.76 -0.37 0.00	28.85 0.14 0.00	26.71 -1.47 0.00	26.50 -1.78 0.00	25.16 -1.95 0.00	24.19 -0.96 0.00	24.64 -0.66 0.00	24.43 -0.86 0.00	24.60 -1.03 0.00	24.91 -1.23 0.00	27.24 -1.11 0.00	34.66 -2.69 0.00	43.42 -3.63 -1.13	39.80 -3.75 0.00	34.64 -3.68 -0.01	30.89 -3.06 0.00	29.06 -2.59 -0.03	27.36 -1.62 0.00	27.07 -1.39 0.00
ARKWRIGHT___SUMMIT_WT_PWR 323751	29.57 1.19 0.00	29.46 1.21 0.00	28.96 0.92 0.00	28.93 0.95 0.00	28.70 1.00 0.00	29.11 0.98 0.00	30.25 1.55 0.00	28.40 0.22 0.00	28.31 0.03 0.00	26.84 -0.27 0.00	25.70 0.55 0.00	26.15 0.86 0.00	25.98 0.68 0.00	26.11 0.49 0.00	26.45 0.31 0.00	29.00 0.65 0.00	37.20 -0.15 0.00	46.33 -0.78 -1.20	42.89 -0.65 0.00	37.29 -1.03 -0.01	33.13 -0.82 0.00	30.67 -0.98 -0.03	28.69 -0.29 0.00	28.04 -0.43 0.00
ARTHUR_KILL_GT_1 23520	30.52 2.13 -0.01	30.28 2.04 0.00	29.75 1.71 0.00	29.49 1.51 0.00	29.17 1.47 0.00	29.81 1.69 0.00	30.66 1.95 0.00	30.23 2.06 0.00	30.49 2.21 0.00	28.93 1.82 0.00	26.66 1.51 0.00	26.68 1.39 0.00	26.84 1.54 0.00	27.19 1.56 0.00	27.75 1.62 0.00	30.59 2.24 0.00	40.33 2.99 0.01	53.69 3.72 -4.05	47.06 3.53 0.01	41.36 3.03 -0.02	36.80 2.85 0.00	34.66 2.94 -0.10	31.57 2.58 -0.01	30.72 2.25 -0.01
ARTHUR_KILL_2 23512	30.46 2.07 -0.01	30.22 1.98 0.00	29.69 1.65 0.00	29.44 1.45 0.00	29.11 1.41 0.00	29.72 1.60 0.00	30.57 1.86 0.00	30.17 2.00 0.00	30.41 2.12 0.00	28.87 1.76 0.00	26.58 1.43 0.00	26.63 1.34 0.00	26.76 1.47 0.00	27.14 1.51 0.00	27.67 1.54 0.00	30.53 2.18 0.00	40.18 2.84 0.01	53.55 3.58 -4.05	46.94 3.40 0.01	41.25 2.91 -0.02	36.67 2.72 0.00	34.57 2.85 -0.10	31.49 2.49 -0.01	30.64 2.16 -0.01
ARTHUR_KILL_3 23513	30.00 1.62 0.00	29.77 1.52 0.00	29.27 1.23 0.00	29.05 1.06 0.00	28.75 1.05 0.00	29.44 1.32 0.00	30.34 1.64 0.00	30.00 1.83 0.00	30.32 2.04 0.00	28.74 1.63 0.00	26.50 1.36 0.00	26.58 1.29 0.00	26.71 1.42 0.00	27.06 1.43 0.00	27.62 1.49 0.00	30.28 1.93 0.00	40.30 2.95 0.00	53.56 3.58 -4.06	46.94 3.40 0.00	41.25 2.91 -0.03	36.63 2.68 0.00	34.18 2.47 -0.09	31.10 2.11 0.00	30.20 1.74 0.00
ARTHUR_KILL_COGEN 323718	30.52 2.13 -0.01	30.28 2.04 0.00	29.75 1.71 0.00	29.49 1.51 0.00	29.17 1.47 0.00	29.81 1.69 0.00	30.66 1.95 0.00	30.23 2.06 0.00	30.49 2.21 0.00	28.93 1.82 0.00	26.66 1.51 0.00	26.68 1.39 0.00	26.84 1.54 0.00	27.19 1.56 0.00	27.75 1.62 0.00	30.59 2.24 0.00	40.33 2.99 0.01	53.69 3.72 -4.05	47.06 3.53 0.01	41.36 3.03 -0.02	36.80 2.85 0.00	34.66 2.94 -0.10	31.57 2.58 -0.01	30.72 2.25 -0.01
ASHOKAN____ 23654	29.91 1.53 0.00	29.74 1.50 0.00	29.24 1.20 0.00	29.07 1.09 0.00	28.86 1.16 0.00	29.44 1.32 0.00	30.11 1.41 0.00	29.64 1.46 0.00	29.70 1.41 0.00	28.00 0.89 0.00	25.80 0.65 0.00	25.67 0.38 0.00	25.83 0.53 0.00	26.19 0.56 0.00	26.84 0.71 0.00	29.57 1.22 0.00	39.97 2.61 0.00	52.28 1.84 -4.52	47.16 3.61 0.00	41.34 2.99 -0.03	36.43 2.48 0.00	33.30 1.58 -0.10	30.78 1.80 0.00	29.95 1.48 0.00

ASTORIA_EAST_ENERGY_CC1 323581	30.00 1.62 0.00	29.77 1.52 0.00	29.24 1.20 0.00	28.99 1.01 0.00	28.67 0.97 0.00	29.27 1.15 0.01	30.13 1.43 0.01	29.83 1.66 0.01	30.14 1.87 0.01	28.59 1.49 0.01	26.35 1.21 0.01	26.42 1.14 0.01	26.55 1.26 0.01	26.90 1.28 0.01	27.43 1.31 0.01	30.18 1.84 0.01	40.15 2.80 0.01	53.37 3.40 -4.05	46.76 3.22 0.01	41.13 2.80 -0.02	36.42 2.48 0.01	34.01 2.31 -0.08	31.01 2.03 0.01	30.20 1.74 0.00
ASTORIA_EAST_ENERGY_CC2 323582	30.00 1.62 0.00	29.77 1.52 0.00	29.24 1.20 0.00	28.99 1.01 0.00	28.67 0.97 0.00	29.27 1.15 0.01	30.13 1.43 0.01	29.83 1.66 0.01	30.14 1.87 0.01	28.59 1.49 0.01	26.35 1.21 0.01	26.42 1.14 0.01	26.55 1.26 0.01	26.90 1.28 0.01	27.43 1.31 0.01	30.18 1.84 0.01	40.15 2.80 0.01	53.37 3.40 -4.05	46.76 3.22 0.01	41.13 2.80 -0.02	36.42 2.48 0.01	34.01 2.31 -0.08	31.01 2.03 0.01	30.20 1.74 0.00
ASTORIA_GT2_1 24094	30.00 1.62 0.00	29.69 1.44 0.00	29.24 1.21 0.00	28.99 1.01 0.00	28.70 1.00 0.00	29.28 1.15 0.00	30.14 1.44 0.00	29.86 1.69 0.00	29.81 1.53 0.00	28.60 1.49 0.00	26.38 1.23 0.00	26.43 1.14 0.00	26.56 1.26 0.00	26.91 1.28 0.00	27.47 1.33 0.00	30.19 1.84 0.00	40.12 2.76 0.00	53.42 3.44 -4.06	46.81 3.27 0.00	41.14 2.80 -0.03	36.43 2.48 0.00	34.05 2.34 -0.09	31.01 2.03 0.00	30.12 1.65 0.00
ASTORIA_GT2_2 24095	30.00 1.62 0.00	29.69 1.44 0.00	29.24 1.21 0.00	28.99 1.01 0.00	28.70 1.00 0.00	29.28 1.15 0.00	30.14 1.44 0.00	29.86 1.69 0.00	29.81 1.53 0.00	28.60 1.49 0.00	26.38 1.23 0.00	26.43 1.14 0.00	26.56 1.26 0.00	26.91 1.28 0.00	27.47 1.33 0.00	30.19 1.84 0.00	40.12 2.76 0.00	53.42 3.44 -4.06	46.81 3.27 0.00	41.14 2.80 -0.03	36.43 2.48 0.00	34.05 2.34 -0.09	31.01 2.03 0.00	30.12 1.65 0.00
ASTORIA_GT2_3 24096	30.00 1.62 0.00	29.69 1.44 0.00	29.24 1.21 0.00	28.99 1.01 0.00	28.70 1.00 0.00	29.28 1.15 0.00	30.14 1.44 0.00	29.86 1.69 0.00	29.81 1.53 0.00	28.60 1.49 0.00	26.38 1.23 0.00	26.43 1.14 0.00	26.56 1.26 0.00	26.91 1.28 0.00	27.47 1.33 0.00	30.19 1.84 0.00	40.12 2.76 0.00	53.42 3.44 -4.06	46.81 3.27 0.00	41.14 2.80 -0.03	36.43 2.48 0.00	34.05 2.34 -0.09	31.01 2.03 0.00	30.12 1.65 0.00
ASTORIA_GT2_4 24097	30.00 1.62 0.00	29.69 1.44 0.00	29.24 1.21 0.00	28.99 1.01 0.00	28.70 1.00 0.00	29.28 1.15 0.00	30.14 1.44 0.00	29.86 1.69 0.00	29.81 1.53 0.00	28.60 1.49 0.00	26.38 1.23 0.00	26.43 1.14 0.00	26.56 1.26 0.00	26.91 1.28 0.00	27.47 1.33 0.00	30.19 1.84 0.00	40.12 2.76 0.00	53.42 3.44 -4.06	46.81 3.27 0.00	41.14 2.80 -0.03	36.43 2.48 0.00	34.05 2.34 -0.09	31.01 2.03 0.00	30.12 1.65 0.00
ASTORIA_GT3_1 24098	30.00 1.62 0.00	29.69 1.44 0.00	29.24 1.21 0.00	28.99 1.01 0.00	28.70 1.00 0.00	29.28 1.15 0.00	30.14 1.44 0.00	29.86 1.69 0.00	29.81 1.53 0.00	28.60 1.49 0.00	26.38 1.23 0.00	26.43 1.14 0.00	26.56 1.26 0.00	26.91 1.28 0.00	27.47 1.33 0.00	30.19 1.84 0.00	40.12 2.76 0.00	53.42 3.44 -4.06	46.81 3.27 0.00	41.14 2.80 -0.03	36.43 2.48 0.00	34.05 2.34 -0.09	31.01 2.03 0.00	30.12 1.65 0.00
ASTORIA_GT3_2 24099	30.00 1.62 0.00	29.69 1.44 0.00	29.24 1.21 0.00	28.99 1.01 0.00	28.70 1.00 0.00	29.28 1.15 0.00	30.14 1.44 0.00	29.86 1.69 0.00	29.81 1.53 0.00	28.60 1.49 0.00	26.38 1.23 0.00	26.43 1.14 0.00	26.56 1.26 0.00	26.91 1.28 0.00	27.47 1.33 0.00	30.19 1.84 0.00	40.12 2.76 0.00	53.42 3.44 -4.06	46.81 3.27 0.00	41.14 2.80 -0.03	36.43 2.48 0.00	34.05 2.34 -0.09	31.01 2.03 0.00	30.12 1.65 0.00
ASTORIA_GT3_3 24100	30.00 1.62 0.00	29.69 1.44 0.00	29.24 1.21 0.00	28.99 1.01 0.00	28.70 1.00 0.00	29.28 1.15 0.00	30.14 1.44 0.00	29.86 1.69 0.00	29.81 1.53 0.00	28.60 1.49 0.00	26.38 1.23 0.00	26.43 1.14 0.00	26.56 1.26 0.00	26.91 1.28 0.00	27.47 1.33 0.00	30.19 1.84 0.00	40.12 2.76 0.00	53.42 3.44 -4.06	46.81 3.27 0.00	41.14 2.80 -0.03	36.43 2.48 0.00	34.05 2.34 -0.09	31.01 2.03 0.00	30.12 1.65 0.00
ASTORIA_GT3_4 24101	30.00 1.62 0.00	29.69 1.44 0.00	29.24 1.21 0.00	28.99 1.01 0.00	28.70 1.00 0.00	29.28 1.15 0.00	30.14 1.44 0.00	29.86 1.69 0.00	29.81 1.53 0.00	28.60 1.49 0.00	26.38 1.23 0.00	26.43 1.14 0.00	26.56 1.26 0.00	26.91 1.28 0.00	27.47 1.33 0.00	30.19 1.84 0.00	40.12 2.76 0.00	53.42 3.44 -4.06	46.81 3.27 0.00	41.14 2.80 -0.03	36.43 2.48 0.00	34.05 2.34 -0.09	31.01 2.03 0.00	30.12 1.65 0.00
ASTORIA_GT4_1 24102	30.00 1.62 0.00	29.69 1.44 0.00	29.24 1.21 0.00	28.99 1.01 0.00	28.70 1.00 0.00	29.28 1.15 0.00	30.14 1.44 0.00	29.86 1.69 0.00	29.81 1.53 0.00	28.60 1.49 0.00	26.38 1.23 0.00	26.43 1.14 0.00	26.56 1.26 0.00	26.91 1.28 0.00	27.47 1.33 0.00	30.19 1.84 0.00	40.12 2.76 0.00	53.42 3.44 -4.06	46.81 3.27 0.00	41.14 2.80 -0.03	36.43 2.48 0.00	34.05 2.34 -0.09	31.01 2.03 0.00	30.12 1.65 0.00
ASTORIA_GT4_2 24103	30.00 1.62 0.00	29.69 1.44 0.00	29.24 1.21 0.00	28.99 1.01 0.00	28.70 1.00 0.00	29.28 1.15 0.00	30.14 1.44 0.00	29.86 1.69 0.00	29.81 1.53 0.00	28.60 1.49 0.00	26.38 1.23 0.00	26.43 1.14 0.00	26.56 1.26 0.00	26.91 1.28 0.00	27.47 1.33 0.00	30.19 1.84 0.00	40.12 2.76 0.00	53.42 3.44 -4.06	46.81 3.27 0.00	41.14 2.80 -0.03	36.43 2.48 0.00	34.05 2.34 -0.09	31.01 2.03 0.00	30.12 1.65 0.00
ASTORIA_GT4_3 24104	30.00 1.62 0.00	29.69 1.44 0.00	29.24 1.21 0.00	28.99 1.01 0.00	28.70 1.00 0.00	29.28 1.15 0.00	30.14 1.44 0.00	29.86 1.69 0.00	29.81 1.53 0.00	28.60 1.49 0.00	26.38 1.23 0.00	26.43 1.14 0.00	26.56 1.26 0.00	26.91 1.28 0.00	27.47 1.33 0.00	30.19 1.84 0.00	40.12 2.76 0.00	53.42 3.44 -4.06	46.81 3.27 0.00	41.14 2.80 -0.03	36.43 2.48 0.00	34.05 2.34 -0.09	31.01 2.03 0.00	30.12 1.65 0.00
ASTORIA_GT4_4 24105	30.00 1.62 0.00	29.69 1.44 0.00	29.24 1.21 0.00	28.99 1.01 0.00	28.70 1.00 0.00	29.28 1.15 0.00	30.14 1.44 0.00	29.86 1.69 0.00	29.81 1.53 0.00	28.60 1.49 0.00	26.38 1.23 0.00	26.43 1.14 0.00	26.56 1.26 0.00	26.91 1.28 0.00	27.47 1.33 0.00	30.19 1.84 0.00	40.12 2.76 0.00	53.42 3.44 -4.06	46.81 3.27 0.00	41.14 2.80 -0.03	36.43 2.48 0.00	34.05 2.34 -0.09	31.01 2.03 0.00	30.12 1.65 0.00
ASTORIA_GT_1 23523	30.05 1.67 0.00	29.83 1.58 0.00	29.30 1.26 0.00	29.05 1.06 0.00	28.73 1.03 0.00	29.32 1.21 0.01	30.21 1.52 0.01	29.88 1.72 0.01	30.20 1.92 0.01	28.65 1.54 0.01	26.42 1.28 0.01	26.47 1.19 0.01	26.60 1.31 0.01	26.95 1.33 0.01	27.51 1.38 0.01	30.24 1.90 0.01	40.22 2.88 0.01	53.50 3.54 -4.05	46.89 3.35 0.01	41.25 2.91 -0.02	36.52 2.58 0.01	34.11 2.40 -0.08	31.09 2.11 0.01	30.29 1.82 0.00

ASTORIA_GT_10 24110	30.11 1.73 0.00	29.77 1.53 0.00	29.36 1.32 0.00	29.13 1.15 0.00	28.84 1.14 0.00	29.47 1.35 0.00	30.31 1.61 0.00	30.03 1.86 0.00	29.98 1.70 0.00	28.77 1.65 0.00	26.53 1.38 0.00	26.58 1.29 0.00	26.71 1.42 0.00	27.06 1.44 0.00	27.62 1.49 0.00	30.36 2.01 0.00	40.34 2.99 0.00	53.74 3.76 -4.06	47.12 3.57 0.00	41.37 3.03 -0.03	36.66 2.72 0.00	34.27 2.56 -0.09	31.19 2.20 0.00	30.23 1.76 0.00
ASTORIA_GT_11 24225	30.11 1.73 0.00	29.77 1.53 0.00	29.36 1.32 0.00	29.13 1.15 0.00	28.84 1.14 0.00	29.47 1.35 0.00	30.31 1.61 0.00	30.03 1.86 0.00	29.98 1.70 0.00	28.77 1.65 0.00	26.53 1.38 0.00	26.58 1.29 0.00	26.71 1.42 0.00	27.06 1.44 0.00	27.62 1.49 0.00	30.36 2.01 0.00	40.34 2.99 0.00	53.74 3.76 -4.06	47.12 3.57 0.00	41.37 3.03 -0.03	36.66 2.72 0.00	34.27 2.56 -0.09	31.19 2.20 0.00	30.23 1.76 0.00
ASTORIA_GT_12 24226	30.11 1.73 0.00	29.77 1.53 0.00	29.36 1.32 0.00	29.13 1.15 0.00	28.84 1.14 0.00	29.47 1.35 0.00	30.31 1.61 0.00	30.03 1.86 0.00	29.98 1.70 0.00	28.77 1.65 0.00	26.53 1.38 0.00	26.58 1.29 0.00	26.71 1.42 0.00	27.06 1.44 0.00	27.62 1.49 0.00	30.36 2.01 0.00	40.34 2.99 0.00	53.74 3.76 -4.06	47.12 3.57 0.00	41.37 3.03 -0.03	36.66 2.72 0.00	34.27 2.56 -0.09	31.19 2.20 0.00	30.23 1.76 0.00
ASTORIA_GT_13 24227	30.11 1.73 0.00	29.77 1.53 0.00	29.36 1.32 0.00	29.13 1.15 0.00	28.84 1.14 0.00	29.47 1.35 0.00	30.31 1.61 0.00	30.03 1.86 0.00	29.98 1.70 0.00	28.77 1.65 0.00	26.53 1.38 0.00	26.58 1.29 0.00	26.71 1.42 0.00	27.06 1.44 0.00	27.62 1.49 0.00	30.36 2.01 0.00	40.34 2.99 0.00	53.74 3.76 -4.06	47.12 3.57 0.00	41.37 3.03 -0.03	36.66 2.72 0.00	34.27 2.56 -0.09	31.19 2.20 0.00	30.23 1.76 0.00
ASTORIA_GT_5 24106	30.05 1.67 0.00	29.83 1.58 0.00	29.30 1.26 0.00	29.05 1.06 0.00	28.73 1.03 0.00	29.32 1.21 0.01	30.21 1.52 0.01	29.88 1.72 0.01	30.20 1.92 0.01	28.65 1.54 0.01	26.42 1.28 0.01	26.47 1.19 0.01	26.60 1.31 0.01	26.95 1.33 0.01	27.51 1.38 0.01	30.24 1.90 0.01	40.22 2.88 0.01	53.50 3.54 -4.05	46.89 3.35 0.01	41.25 2.91 -0.02	36.52 2.58 0.01	34.11 2.40 -0.08	31.09 2.11 0.01	30.29 1.82 0.00
ASTORIA_GT_7 24107	30.05 1.67 0.00	29.83 1.58 0.00	29.30 1.26 0.00	29.05 1.06 0.00	28.73 1.03 0.00	29.32 1.21 0.01	30.21 1.52 0.01	29.88 1.72 0.01	30.20 1.92 0.01	28.65 1.54 0.01	26.42 1.28 0.01	26.47 1.19 0.01	26.60 1.31 0.01	26.95 1.33 0.01	27.51 1.38 0.01	30.24 1.90 0.01	40.22 2.88 0.01	53.50 3.54 -4.05	46.89 3.35 0.01	41.25 2.91 -0.02	36.52 2.58 0.01	34.11 2.40 -0.08	31.09 2.11 0.01	30.29 1.82 0.00
ASTORIA_GT_8 24108	30.05 1.67 0.00	29.72 1.47 0.00	29.27 1.23 0.00	29.05 1.06 0.00	28.75 1.05 0.00	29.33 1.21 0.00	30.20 1.49 0.00	29.89 1.72 0.00	29.87 1.58 0.00	28.66 1.55 0.00	26.43 1.28 0.00	26.48 1.19 0.00	26.61 1.32 0.00	26.96 1.33 0.00	27.52 1.39 0.00	30.25 1.90 0.00	40.19 2.84 0.00	53.56 3.58 -4.06	46.90 3.35 0.00	41.22 2.87 -0.03	36.49 2.55 0.00	34.12 2.40 -0.09	31.07 2.09 0.00	30.15 1.68 0.00
ASTORIA___2 24149	30.00 1.62 0.00	29.80 1.55 0.00	29.24 1.20 0.00	28.99 1.01 0.00	28.67 0.97 0.00	29.27 1.15 0.01	30.16 1.46 0.01	29.85 1.69 0.01	30.14 1.87 0.01	28.59 1.49 0.01	26.37 1.23 0.01	26.42 1.14 0.01	26.55 1.26 0.01	26.90 1.28 0.01	27.46 1.33 0.01	30.21 1.87 0.01	40.15 2.80 0.01	53.41 3.45 -4.05	46.81 3.27 0.01	41.17 2.84 -0.02	36.45 2.51 0.01	34.04 2.34 -0.08	31.03 2.06 0.01	30.23 1.77 0.00
ASTORIA___3 23516	30.11 1.73 0.00	29.89 1.64 0.00	29.38 1.35 0.00	29.13 1.15 0.00	28.84 1.14 0.00	29.50 1.38 0.00	30.37 1.66 0.00	30.03 1.86 0.00	30.32 2.04 0.00	28.77 1.65 0.00	26.53 1.38 0.00	26.58 1.29 0.00	26.71 1.42 0.00	27.06 1.43 0.00	27.62 1.49 0.00	30.36 2.01 0.00	40.38 3.02 0.00	53.74 3.77 -4.06	47.07 3.53 0.00	41.41 3.07 -0.03	36.67 2.72 0.00	34.27 2.56 -0.09	31.22 2.23 0.00	30.35 1.88 0.00
ASTORIA___4 23517	30.11 1.73 0.00	29.77 1.53 0.00	29.36 1.32 0.00	29.13 1.15 0.00	28.84 1.14 0.00	29.47 1.35 0.00	30.31 1.61 0.00	30.03 1.86 0.00	29.98 1.70 0.00	28.77 1.65 0.00	26.53 1.38 0.00	26.58 1.29 0.00	26.71 1.42 0.00	27.06 1.44 0.00	27.62 1.49 0.00	30.36 2.01 0.00	40.34 2.99 0.00	53.74 3.76 -4.06	47.12 3.57 0.00	41.37 3.03 -0.03	36.66 2.72 0.00	34.27 2.56 -0.09	31.19 2.20 0.00	30.23 1.76 0.00
ASTORIA___5 23518	30.11 1.73 0.00	29.89 1.64 0.00	29.38 1.35 0.00	29.13 1.15 0.00	28.84 1.14 0.00	29.50 1.38 0.00	30.37 1.66 0.00	30.03 1.86 0.00	30.32 2.04 0.00	28.77 1.65 0.00	26.53 1.38 0.00	26.58 1.29 0.00	26.71 1.42 0.00	27.06 1.43 0.00	27.62 1.49 0.00	30.36 2.01 0.00	40.38 3.02 0.00	53.74 3.77 -4.06	47.07 3.53 0.00	41.41 3.07 -0.03	36.67 2.72 0.00	34.27 2.56 -0.09	31.22 2.23 0.00	30.35 1.88 0.00
AST_ENERGY_2_CC3 323677	29.99 1.62 0.00	29.77 1.52 0.00	29.27 1.23 0.00	29.07 1.09 0.00	28.75 1.05 0.00	29.44 1.32 0.00	30.29 1.61 0.02	29.96 1.80 0.02	30.25 1.98 0.02	28.69 1.60 0.02	26.46 1.33 0.02	26.54 1.26 0.02	26.67 1.39 0.02	27.02 1.41 0.02	27.55 1.44 0.02	30.29 1.95 0.02	40.32 2.99 0.02	46.72 3.67 2.87	41.01 3.44 5.97	35.42 2.99 5.89	35.79 2.68 0.84	34.16 2.47 -0.07	31.11 2.14 0.02	30.23 1.77 0.00
AST_ENERGY_2_CC4 323678	29.99 1.62 0.00	29.77 1.52 0.00	29.27 1.23 0.00	29.07 1.09 0.00	28.75 1.05 0.00	29.44 1.32 0.00	30.29 1.61 0.02	29.96 1.80 0.02	30.25 1.98 0.02	28.69 1.60 0.02	26.46 1.33 0.02	26.54 1.26 0.02	26.67 1.39 0.02	27.02 1.41 0.02	27.55 1.44 0.02	30.29 1.95 0.02	40.32 2.99 0.02	46.72 3.67 2.87	41.01 3.44 5.97	35.42 2.99 5.89	35.79 2.68 0.84	34.16 2.47 -0.07	31.11 2.14 0.02	30.23 1.77 0.00
ATHENS_STG_1 23668	29.26 0.88 0.00	29.12 0.88 0.00	28.71 0.67 0.00	28.57 0.59 0.00	28.28 0.58 0.00	28.88 0.76 0.00	29.62 0.92 0.00	29.18 1.01 0.00	29.33 1.05 0.00	27.84 0.73 0.00	25.75 0.60 0.00	25.85 0.56 0.00	25.93 0.63 0.00	26.27 0.64 0.00	26.81 0.68 0.00	29.37 1.02 0.00	39.07 1.72 0.00	52.58 2.11 -4.55	45.51 1.96 0.00	40.07 1.73 -0.03	35.51 1.56 0.00	33.15 1.42 -0.10	30.20 1.22 0.00	29.46 1.00 0.00
ATHENS_STG_2 23670	29.26 0.88 0.00	29.12 0.88 0.00	28.71 0.67 0.00	28.57 0.59 0.00	28.28 0.58 0.00	28.88 0.76 0.00	29.62 0.92 0.00	29.18 1.01 0.00	29.33 1.05 0.00	27.84 0.73 0.00	25.75 0.60 0.00	25.85 0.56 0.00	25.93 0.63 0.00	26.27 0.64 0.00	26.81 0.68 0.00	29.37 1.02 0.00	39.07 1.72 0.00	52.58 2.11 -4.55	45.51 1.96 0.00	40.07 1.73 -0.03	35.51 1.56 0.00	33.15 1.42 -0.10	30.20 1.22 0.00	29.46 1.00 0.00

ATHENS_STG_3 23677	29.26 0.88 0.00	29.12 0.88 0.00	28.71 0.67 0.00	28.57 0.59 0.00	28.28 0.58 0.00	28.88 0.76 0.00	29.62 0.92 0.00	29.18 1.01 0.00	29.33 1.05 0.00	27.84 0.73 0.00	25.75 0.60 0.00	25.85 0.56 0.00	25.93 0.63 0.00	26.27 0.64 0.00	26.81 0.68 0.00	29.37 1.02 0.00	39.07 1.72 0.00	52.58 2.11 -4.55	45.51 1.96 0.00	40.07 1.73 -0.03	35.51 1.56 0.00	33.15 1.42 -0.10	30.20 1.22 0.00	29.46 1.00 0.00
AUBURN____LFGE 323710	28.69 0.31 0.00	28.53 0.28 0.00	28.23 0.20 0.00	28.23 0.25 0.00	27.84 0.14 0.00	28.46 0.34 0.00	29.16 0.46 0.00	28.48 0.31 0.00	28.34 0.06 0.00	27.22 0.11 0.00	25.37 0.23 0.00	25.65 0.35 0.00	25.52 0.23 0.00	25.86 0.23 0.00	26.32 0.18 0.00	28.66 0.31 0.00	37.65 0.30 0.00	47.43 0.55 -0.97	43.94 0.39 0.00	38.55 0.23 -0.01	34.19 0.24 0.00	31.74 0.09 -0.02	29.25 0.26 0.00	28.67 0.20 0.00
BABYLON_RES_REC 323704	36.58 2.22 -5.99	36.26 2.12 -5.89	35.39 1.82 -5.53	35.33 1.68 -5.67	35.89 1.66 -6.53	35.36 1.94 -5.30	36.91 2.27 -5.94	37.01 2.39 -6.44	36.65 2.55 -5.82	35.86 2.06 -6.69	40.35 1.81 -13.39	36.92 1.72 -9.91	39.66 1.85 -12.52	39.66 1.87 -12.16	41.08 1.96 -12.99	42.62 2.52 -11.75	63.94 3.40 -23.19	79.15 3.99 -29.24	74.17 3.79 -26.84	63.09 3.25 -21.52	59.72 2.88 -22.89	54.56 2.81 -20.12	41.91 2.72 -10.21	40.50 2.36 -9.67
BABYLON__69_KV_BK2 356345	36.86 2.50 -5.98	36.42 2.29 -5.88	35.63 2.07 -5.52	35.58 1.93 -5.66	36.16 1.94 -6.53	35.58 2.17 -5.29	37.16 2.53 -5.93	37.28 2.68 -6.44	36.55 2.46 -5.81	36.13 2.33 -6.68	40.56 2.04 -13.38	37.14 1.95 -9.90	39.88 2.07 -12.52	39.89 2.10 -12.16	41.34 2.22 -12.98	42.87 2.78 -11.74	64.64 4.11 -23.18	80.24 5.10 -29.23	75.21 4.83 -26.83	63.97 4.14 -21.51	60.50 3.67 -22.88	55.15 3.42 -20.11	42.20 3.01 -10.20	40.64 2.51 -9.66
BALL_HILL_WT_PWR 323825	29.06 0.68 0.00	28.95 0.71 0.00	28.49 0.45 0.00	28.46 0.48 0.00	28.22 0.52 0.00	28.63 0.51 0.00	29.73 1.03 0.00	27.92 -0.25 0.00	27.80 -0.48 0.00	26.35 -0.76 0.00	25.25 0.10 0.00	25.70 0.40 0.00	25.50 0.20 0.00	25.65 0.03 0.00	25.98 -0.16 0.00	28.49 0.14 0.00	36.45 -0.90 0.00	45.31 -1.79 -1.19	41.98 -1.57 0.00	36.56 -1.76 -0.01	32.56 -1.39 0.00	30.23 -1.42 -0.03	28.52 -0.46 0.00	28.01 -0.46 0.00
BARON_WINDS____WT_PWR 323822	29.20 0.82 0.00	29.09 0.85 0.00	28.65 0.62 0.00	28.63 0.64 0.00	28.36 0.66 0.00	28.85 0.73 0.00	29.82 1.12 0.00	28.57 0.39 0.00	28.51 0.23 0.00	27.06 -0.05 0.00	25.57 0.43 0.00	25.98 0.68 0.00	25.77 0.48 0.00	26.01 0.38 0.00	26.39 0.26 0.00	28.92 0.57 0.00	37.39 0.04 0.00	46.97 -0.32 -1.37	43.33 -0.22 0.00	37.87 -0.46 -0.01	33.68 -0.27 0.00	31.24 -0.41 -0.03	29.16 0.17 0.00	28.55 0.09 0.00
BARRETT_IC_1 23704	36.33 1.96 -5.99	36.03 1.89 -5.89	35.19 1.63 -5.53	35.14 1.48 -5.67	35.70 1.47 -6.53	35.16 1.74 -5.30	36.62 1.98 -5.94	36.73 2.11 -6.44	36.39 2.29 -5.82	35.70 1.90 -6.69	40.12 1.59 -13.39	36.72 1.52 -9.91	39.44 1.62 -12.52	39.43 1.64 -12.16	40.80 1.67 -12.99	42.31 2.21 -11.75	63.87 3.32 -23.19	79.06 3.90 -29.24	74.04 3.66 -26.84	63.13 3.30 -21.52	59.83 2.99 -22.89	54.49 2.75 -20.12	41.60 2.40 -10.21	40.21 2.08 -9.67
BARRETT_IC_10 23701	36.33 1.96 -5.99	36.03 1.89 -5.89	35.19 1.63 -5.53	35.14 1.48 -5.67	35.70 1.47 -6.53	35.16 1.74 -5.30	36.62 1.98 -5.94	36.73 2.11 -6.44	36.39 2.29 -5.82	35.70 1.90 -6.69	40.12 1.59 -13.39	36.72 1.52 -9.91	39.44 1.62 -12.52	39.43 1.64 -12.16	40.80 1.67 -12.99	42.31 2.21 -11.75	63.87 3.32 -23.19	79.06 3.90 -29.24	74.04 3.66 -26.84	63.13 3.30 -21.52	59.83 2.99 -22.89	54.49 2.75 -20.12	41.60 2.40 -10.21	40.21 2.08 -9.67
BARRETT_IC_11 23702	36.33 1.96 -5.99	36.03 1.89 -5.89	35.19 1.63 -5.53	35.14 1.48 -5.67	35.70 1.47 -6.53	35.16 1.74 -5.30	36.62 1.98 -5.94	36.73 2.11 -6.44	36.39 2.29 -5.82	35.70 1.90 -6.69	40.12 1.59 -13.39	36.72 1.52 -9.91	39.44 1.62 -12.52	39.43 1.64 -12.16	40.80 1.67 -12.99	42.31 2.21 -11.75	63.87 3.32 -23.19	79.06 3.90 -29.24	74.04 3.66 -26.84	63.13 3.30 -21.52	59.83 2.99 -22.89	54.49 2.75 -20.12	41.60 2.40 -10.21	40.21 2.08 -9.67
BARRETT_IC_12 23703	36.33 1.96 -5.99	36.03 1.89 -5.89	35.19 1.63 -5.53	35.14 1.48 -5.67	35.70 1.47 -6.53	35.16 1.74 -5.30	36.62 1.98 -5.94	36.73 2.11 -6.44	36.39 2.29 -5.82	35.70 1.90 -6.69	40.12 1.59 -13.39	36.72 1.52 -9.91	39.44 1.62 -12.52	39.43 1.64 -12.16	40.80 1.67 -12.99	42.31 2.21 -11.75	63.87 3.32 -23.19	79.06 3.90 -29.24	74.04 3.66 -26.84	63.13 3.30 -21.52	59.83 2.99 -22.89	54.49 2.75 -20.12	41.60 2.40 -10.21	40.21 2.08 -9.67
BARRETT_IC_2 23705	36.33 1.96 -5.99	36.03 1.89 -5.89	35.19 1.63 -5.53	35.14 1.48 -5.67	35.70 1.47 -6.53	35.16 1.74 -5.30	36.62 1.98 -5.94	36.73 2.11 -6.44	36.39 2.29 -5.82	35.70 1.90 -6.69	40.12 1.59 -13.39	36.72 1.52 -9.91	39.44 1.62 -12.52	39.43 1.64 -12.16	40.80 1.67 -12.99	42.31 2.21 -11.75	63.87 3.32 -23.19	79.06 3.90 -29.24	74.04 3.66 -26.84	63.13 3.30 -21.52	59.83 2.99 -22.89	54.49 2.75 -20.12	41.60 2.40 -10.21	40.21 2.08 -9.67
BARRETT_IC_3 23706	36.33 1.96 -5.99	36.03 1.89 -5.89	35.19 1.63 -5.53	35.14 1.48 -5.67	35.70 1.47 -6.53	35.16 1.74 -5.30	36.62 1.98 -5.94	36.73 2.11 -6.44	36.39 2.29 -5.82	35.70 1.90 -6.69	40.12 1.59 -13.39	36.72 1.52 -9.91	39.44 1.62 -12.52	39.43 1.64 -12.16	40.80 1.67 -12.99	42.31 2.21 -11.75	63.87 3.32 -23.19	79.06 3.90 -29.24	74.04 3.66 -26.84	63.13 3.30 -21.52	59.83 2.99 -22.89	54.49 2.75 -20.12	41.60 2.40 -10.21	40.21 2.08 -9.67
BARRETT_IC_4 23707	36.33 1.96 -5.99	36.03 1.89 -5.89	35.19 1.63 -5.53	35.14 1.48 -5.67	35.70 1.47 -6.53	35.16 1.74 -5.30	36.62 1.98 -5.94	36.73 2.11 -6.44	36.39 2.29 -5.82	35.70 1.90 -6.69	40.12 1.59 -13.39	36.72 1.52 -9.91	39.44 1.62 -12.52	39.43 1.64 -12.16	40.80 1.67 -12.99	42.31 2.21 -11.75	63.87 3.32 -23.19	79.06 3.90 -29.24	74.04 3.66 -26.84	63.13 3.30 -21.52	59.83 2.99 -22.89	54.49 2.75 -20.12	41.60 2.40 -10.21	40.21 2.08 -9.67
BARRETT_IC_5 23708	36.33 1.96 -5.99	36.03 1.89 -5.89	35.19 1.63 -5.53	35.14 1.48 -5.67	35.70 1.47 -6.53	35.16 1.74 -5.30	36.62 1.98 -5.94	36.73 2.11 -6.44	36.39 2.29 -5.82	35.70 1.90 -6.69	40.12 1.59 -13.39	36.72 1.52 -9.91	39.44 1.62 -12.52	39.43 1.64 -12.16	40.80 1.67 -12.99	42.31 2.21 -11.75	63.87 3.32 -23.19	79.06 3.90 -29.24	74.04 3.66 -26.84	63.13 3.30 -21.52	59.83 2.99 -22.89	54.49 2.75 -20.12	41.60 2.40 -10.21	40.21 2.08 -9.67
BARRETT_IC_6 23709	36.33 1.96 -5.99	36.03 1.89 -5.89	35.19 1.63 -5.53	35.14 1.48 -5.67	35.70 1.47 -6.53	35.16 1.74 -5.30	36.62 1.98 -5.94	36.73 2.11 -6.44	36.39 2.29 -5.82	35.70 1.90 -6.69	40.12 1.59 -13.39	36.72 1.52 -9.91	39.44 1.62 -12.52	39.43 1.64 -12.16	40.80 1.67 -12.99	42.31 2.21 -11.75	63.87 3.32 -23.19	79.06 3.90 -29.24	74.04 3.66 -26.84	63.13 3.30 -21.52	59.83 2.99 -22.89	54.49 2.75 -20.12	41.60 2.40 -10.21	40.21 2.08 -9.67

BARRETT_IC_7 23710	36.32 1.96 -5.98	35.91 1.78 -5.88	35.16 1.60 -5.52	35.13 1.48 -5.66	35.72 1.50 -6.53	35.13 1.72 -5.29	36.58 1.95 -5.93	36.75 2.14 -6.44	36.05 1.95 -5.81	35.69 1.90 -6.68	40.11 1.58 -13.38	36.71 1.52 -9.90	39.43 1.62 -12.52	39.43 1.64 -12.16	40.79 1.67 -12.98	42.28 2.18 -11.74	63.82 3.29 -23.18	79.05 3.90 -29.23	74.04 3.66 -26.83	63.08 3.26 -21.51	59.82 2.99 -22.88	54.52 2.78 -20.11	41.56 2.38 -10.20	40.07 1.94 -9.66
BARRETT_IC_8 23711	36.33 1.96 -5.99	36.03 1.89 -5.89	35.19 1.63 -5.53	35.14 1.48 -5.67	35.70 1.47 -6.53	35.16 1.74 -5.30	36.62 1.98 -5.94	36.73 2.11 -6.44	36.39 2.29 -5.82	35.70 1.90 -6.69	40.12 1.59 -13.39	36.72 1.52 -9.91	39.44 1.62 -12.52	39.43 1.64 -12.16	40.80 1.67 -12.99	42.31 2.21 -11.75	63.87 3.32 -23.19	79.06 3.90 -29.24	74.04 3.66 -26.84	63.13 3.30 -21.52	59.83 2.99 -22.89	54.49 2.75 -20.12	41.60 2.40 -10.21	40.21 2.08 -9.67
BARRETT_IC_9 23700	36.33 1.96 -5.99	36.03 1.89 -5.89	35.19 1.63 -5.53	35.14 1.48 -5.67	35.70 1.47 -6.53	35.16 1.74 -5.30	36.62 1.98 -5.94	36.73 2.11 -6.44	36.39 2.29 -5.82	35.70 1.90 -6.69	40.12 1.59 -13.39	36.72 1.52 -9.91	39.44 1.62 -12.52	39.43 1.64 -12.16	40.80 1.67 -12.99	42.31 2.21 -11.75	63.87 3.32 -23.19	79.06 3.90 -29.24	74.04 3.66 -26.84	63.13 3.30 -21.52	59.83 2.99 -22.89	54.49 2.75 -20.12	41.60 2.40 -10.21	40.21 2.08 -9.67
BARRETT___1 23545	36.33 1.96 -5.99	36.03 1.89 -5.89	35.19 1.63 -5.53	35.14 1.48 -5.67	35.70 1.47 -6.53	35.16 1.74 -5.30	36.62 1.98 -5.94	36.73 2.11 -6.44	36.39 2.29 -5.82	35.70 1.90 -6.69	40.12 1.59 -13.39	36.72 1.52 -9.91	39.44 1.62 -12.52	39.43 1.64 -12.16	40.80 1.67 -12.99	42.31 2.21 -11.75	63.87 3.32 -23.19	79.06 3.90 -29.24	74.04 3.66 -26.84	63.13 3.30 -21.52	59.83 2.99 -22.89	54.49 2.75 -20.12	41.60 2.40 -10.21	40.21 2.08 -9.67
BARRETT___2 23546	36.33 1.96 -5.99	36.03 1.89 -5.89	35.19 1.63 -5.53	35.14 1.48 -5.67	35.70 1.47 -6.53	35.16 1.74 -5.30	36.62 1.98 -5.94	36.73 2.11 -6.44	36.39 2.29 -5.82	35.70 1.90 -6.69	40.12 1.59 -13.39	36.72 1.52 -9.91	39.44 1.62 -12.52	39.43 1.64 -12.16	40.80 1.67 -12.99	42.31 2.21 -11.75	63.87 3.32 -23.19	79.06 3.90 -29.24	74.04 3.66 -26.84	63.13 3.30 -21.52	59.83 2.99 -22.89	54.49 2.75 -20.12	41.60 2.40 -10.21	40.21 2.08 -9.67
BATAVIA___115KV_TB1 55881	29.03 0.65 0.00	28.87 0.62 0.00	28.37 0.34 0.00	28.46 0.48 0.00	27.84 0.14 0.00	28.57 0.45 0.00	29.51 0.80 0.00	27.78 -0.39 0.00	27.10 -1.19 0.00	26.22 -0.89 0.00	25.10 -0.05 0.00	25.52 0.23 0.00	25.29 0.00 0.00	25.47 -0.15 0.00	25.85 -0.29 0.00	28.27 -0.09 0.00	36.42 -0.93 0.00	45.63 -1.38 -1.10	41.89 -1.65 0.00	36.71 -1.61 -0.01	32.59 -1.36 0.00	30.19 -1.45 -0.02	28.52 -0.46 0.00	27.98 -0.48 0.00
BAYONEEC___CTG1 323682	30.05 1.67 0.00	29.83 1.58 0.00	29.36 1.32 0.00	29.13 1.15 0.00	28.84 1.14 0.00	29.53 1.41 0.00	30.42 1.72 0.00	30.06 1.89 0.00	30.38 2.09 0.00	28.79 1.68 0.00	26.55 1.41 0.00	26.63 1.34 0.00	26.76 1.47 0.00	27.11 1.49 0.00	27.67 1.54 0.00	30.39 2.04 0.00	40.45 3.10 0.00	53.74 3.77 -4.06	47.07 3.53 0.00	41.41 3.07 -0.03	36.73 2.78 0.00	34.27 2.56 -0.09	31.19 2.20 0.00	30.32 1.85 0.00
BAYONEEC___CTG10 323750	30.05 1.67 0.00	29.83 1.58 0.00	29.36 1.32 0.00	29.13 1.15 0.00	28.84 1.14 0.00	29.53 1.41 0.00	30.42 1.72 0.00	30.06 1.89 0.00	30.38 2.09 0.00	28.79 1.68 0.00	26.55 1.41 0.00	26.63 1.34 0.00	26.76 1.47 0.00	27.11 1.49 0.00	27.67 1.54 0.00	30.39 2.04 0.00	40.45 3.10 0.00	53.74 3.77 -4.06	47.07 3.53 0.00	41.41 3.07 -0.03	36.73 2.78 0.00	34.27 2.56 -0.09	31.19 2.20 0.00	30.32 1.85 0.00
BAYONEEC___CTG2 323683	30.05 1.67 0.00	29.83 1.58 0.00	29.36 1.32 0.00	29.13 1.15 0.00	28.84 1.14 0.00	29.53 1.41 0.00	30.42 1.72 0.00	30.06 1.89 0.00	30.38 2.09 0.00	28.79 1.68 0.00	26.55 1.41 0.00	26.63 1.34 0.00	26.76 1.47 0.00	27.11 1.49 0.00	27.67 1.54 0.00	30.39 2.04 0.00	40.45 3.10 0.00	53.74 3.77 -4.06	47.07 3.53 0.00	41.41 3.07 -0.03	36.73 2.78 0.00	34.27 2.56 -0.09	31.19 2.20 0.00	30.32 1.85 0.00
BAYONEEC___CTG3 323684	30.05 1.67 0.00	29.83 1.58 0.00	29.36 1.32 0.00	29.13 1.15 0.00	28.84 1.14 0.00	29.53 1.41 0.00	30.42 1.72 0.00	30.06 1.89 0.00	30.38 2.09 0.00	28.79 1.68 0.00	26.55 1.41 0.00	26.63 1.34 0.00	26.76 1.47 0.00	27.11 1.49 0.00	27.67 1.54 0.00	30.39 2.04 0.00	40.45 3.10 0.00	53.74 3.77 -4.06	47.07 3.53 0.00	41.41 3.07 -0.03	36.73 2.78 0.00	34.27 2.56 -0.09	31.19 2.20 0.00	30.32 1.85 0.00
BAYONEEC___CTG4 323685	30.05 1.67 0.00	29.83 1.58 0.00	29.36 1.32 0.00	29.13 1.15 0.00	28.84 1.14 0.00	29.53 1.41 0.00	30.42 1.72 0.00	30.06 1.89 0.00	30.38 2.09 0.00	28.79 1.68 0.00	26.55 1.41 0.00	26.63 1.34 0.00	26.76 1.47 0.00	27.11 1.49 0.00	27.67 1.54 0.00	30.39 2.04 0.00	40.45 3.10 0.00	53.74 3.77 -4.06	47.07 3.53 0.00	41.41 3.07 -0.03	36.73 2.78 0.00	34.27 2.56 -0.09	31.19 2.20 0.00	30.32 1.85 0.00
BAYONEEC___CTG5 323686	30.05 1.67 0.00	29.83 1.58 0.00	29.36 1.32 0.00	29.13 1.15 0.00	28.84 1.14 0.00	29.53 1.41 0.00	30.42 1.72 0.00	30.06 1.89 0.00	30.38 2.09 0.00	28.79 1.68 0.00	26.55 1.41 0.00	26.63 1.34 0.00	26.76 1.47 0.00	27.11 1.49 0.00	27.67 1.54 0.00	30.39 2.04 0.00	40.45 3.10 0.00	53.74 3.77 -4.06	47.07 3.53 0.00	41.41 3.07 -0.03	36.73 2.78 0.00	34.27 2.56 -0.09	31.19 2.20 0.00	30.32 1.85 0.00
BAYONEEC___CTG6 323687	30.05 1.67 0.00	29.83 1.58 0.00	29.36 1.32 0.00	29.13 1.15 0.00	28.84 1.14 0.00	29.53 1.41 0.00	30.42 1.72 0.00	30.06 1.89 0.00	30.38 2.09 0.00	28.79 1.68 0.00	26.55 1.41 0.00	26.63 1.34 0.00	26.76 1.47 0.00	27.11 1.49 0.00	27.67 1.54 0.00	30.39 2.04 0.00	40.45 3.10 0.00	53.74 3.77 -4.06	47.07 3.53 0.00	41.41 3.07 -0.03	36.73 2.78 0.00	34.27 2.56 -0.09	31.19 2.20 0.00	30.32 1.85 0.00
BAYONEEC___CTG7 323688	30.05 1.67 0.00	29.83 1.58 0.00	29.36 1.32 0.00	29.13 1.15 0.00	28.84 1.14 0.00	29.53 1.41 0.00	30.42 1.72 0.00	30.06 1.89 0.00	30.38 2.09 0.00	28.79 1.68 0.00	26.55 1.41 0.00	26.63 1.34 0.00	26.76 1.47 0.00	27.11 1.49 0.00	27.67 1.54 0.00	30.39 2.04 0.00	40.45 3.10 0.00	53.74 3.77 -4.06	47.07 3.53 0.00	41.41 3.07 -0.03	36.73 2.78 0.00	34.27 2.56 -0.09	31.19 2.20 0.00	30.32 1.85 0.00
BAYONEEC___CTG8 323689	30.05 1.67 0.00	29.83 1.58 0.00	29.36 1.32 0.00	29.13 1.15 0.00	28.84 1.14 0.00	29.53 1.41 0.00	30.42 1.72 0.00	30.06 1.89 0.00	30.38 2.09 0.00	28.79 1.68 0.00	26.55 1.41 0.00	26.63 1.34 0.00	26.76 1.47 0.00	27.11 1.49 0.00	27.67 1.54 0.00	30.39 2.04 0.00	40.45 3.10 0.00	53.74 3.77 -4.06	47.07 3.53 0.00	41.41 3.07 -0.03	36.73 2.78 0.00	34.27 2.56 -0.09	31.19 2.20 0.00	30.32 1.85 0.00

BAYONEEC___CTG9 323749	30.05 1.67 0.00	29.83 1.58 0.00	29.36 1.32 0.00	29.13 1.15 0.00	28.84 1.14 0.00	29.53 1.41 0.00	30.42 1.72 0.00	30.06 1.89 0.00	30.38 2.09 0.00	28.79 1.68 0.00	26.55 1.41 0.00	26.63 1.34 0.00	26.76 1.47 0.00	27.11 1.49 0.00	27.67 1.54 0.00	30.39 2.04 0.00	40.45 3.10 0.00	53.74 3.77 -4.06	47.07 3.53 0.00	41.41 3.07 -0.03	36.73 2.78 0.00	34.27 2.56 -0.09	31.19 2.20 0.00	30.32 1.85 0.00
BEACON___LESR 323632	29.20 0.82 0.00	29.04 0.79 0.00	28.60 0.56 0.00	28.46 0.48 0.00	28.25 0.55 0.00	28.85 0.73 0.00	29.73 1.03 0.00	29.21 1.04 0.00	29.33 1.05 0.00	27.84 0.73 0.00	25.83 0.68 0.00	25.85 0.56 0.00	25.88 0.58 0.00	26.27 0.64 0.00	26.81 0.68 0.00	29.34 0.99 0.00	39.22 1.87 0.00	53.32 2.34 -5.07	45.72 2.18 0.00	40.30 1.95 -0.04	35.65 1.70 0.00	33.28 1.55 -0.11	30.26 1.27 0.00	29.46 1.00 0.00
BEAVER RIVER___HYD 24048	28.44 0.06 0.00	28.30 0.06 0.00	28.12 0.08 0.00	28.09 0.11 0.00	27.78 0.08 0.00	28.26 0.14 0.00	28.79 0.09 0.00	28.26 0.08 0.00	28.34 0.06 0.00	27.11 0.00 0.00	25.05 -0.10 0.00	25.19 -0.10 0.00	25.12 -0.18 0.00	25.48 -0.15 0.00	25.98 -0.16 0.00	28.18 -0.17 0.00	37.31 -0.04 0.00	46.50 0.28 -0.30	43.85 0.31 0.00	38.62 0.31 0.00	34.05 0.10 0.00	31.72 0.10 -0.01	29.07 0.09 0.00	28.50 0.03 0.00
BEEBEE_GT_13 23619	28.69 0.31 0.00	28.59 0.34 0.00	28.07 0.03 0.00	28.23 0.25 0.00	27.64 -0.06 0.00	28.35 0.22 0.00	29.16 0.46 0.00	27.78 -0.39 0.00	27.24 -1.05 0.00	26.35 -0.76 0.00	25.05 -0.10 0.00	25.47 0.18 0.00	25.24 -0.05 0.00	25.47 -0.15 0.00	25.87 -0.26 0.00	28.24 -0.11 0.00	36.53 -0.82 0.00	45.98 -0.96 -1.03	42.07 -1.48 0.00	36.94 -1.38 -0.01	32.79 -1.15 0.00	30.38 -1.26 -0.02	28.55 -0.43 0.00	27.95 -0.51 0.00
BENSHRST_27_KV_BENSHRST_1 355998	30.43 2.04 -0.01	30.08 1.84 0.00	29.66 1.63 0.00	29.44 1.46 0.00	29.11 1.41 0.00	29.75 1.63 0.00	30.63 1.92 0.00	30.28 2.11 0.00	30.24 1.95 0.00	29.04 1.92 0.00	26.76 1.61 0.00	26.81 1.52 0.00	26.94 1.64 0.00	27.29 1.67 0.00	27.86 1.72 0.00	30.68 2.32 0.00	40.71 3.36 0.00	54.25 4.27 -4.06	47.60 4.05 0.00	41.79 3.45 -0.03	37.04 3.09 0.00	34.69 2.97 -0.10	31.57 2.58 -0.01	30.58 2.11 -0.01
BETHLEHEM___GRP 23843	28.72 0.34 0.00	28.47 0.23 0.00	28.15 0.11 0.00	28.01 0.03 0.00	27.84 0.14 0.00	28.35 0.22 0.00	29.16 0.46 0.00	28.68 0.51 0.00	28.60 0.31 0.00	27.36 0.24 0.00	25.40 0.25 0.00	25.44 0.15 0.00	25.47 0.18 0.00	25.86 0.23 0.00	26.39 0.26 0.00	28.78 0.43 0.00	38.43 1.08 0.00	52.32 1.33 -5.08	44.77 1.22 0.00	39.46 1.11 -0.04	34.93 0.98 0.00	32.68 0.95 -0.11	29.71 0.72 0.00	28.87 0.40 0.00
BETHLEHEM___GS1 323560	28.72 0.34 0.00	28.56 0.31 0.00	28.15 0.11 0.00	28.01 0.03 0.00	27.78 0.08 0.00	28.37 0.25 0.00	29.16 0.46 0.00	28.68 0.51 0.00	28.79 0.51 0.00	27.36 0.24 0.00	25.40 0.25 0.00	25.45 0.15 0.00	25.47 0.18 0.00	25.86 0.23 0.00	26.39 0.26 0.00	28.83 0.48 0.00	38.47 1.12 0.00	52.32 1.33 -5.08	44.81 1.26 0.00	39.46 1.11 -0.04	34.93 0.99 0.00	32.65 0.92 -0.11	29.71 0.72 0.00	28.98 0.51 0.00
BETHLEHEM___GS2 323561	28.72 0.34 0.00	28.56 0.31 0.00	28.15 0.11 0.00	28.01 0.03 0.00	27.78 0.08 0.00	28.37 0.25 0.00	29.16 0.46 0.00	28.68 0.51 0.00	28.79 0.51 0.00	27.36 0.24 0.00	25.40 0.25 0.00	25.45 0.15 0.00	25.47 0.18 0.00	25.86 0.23 0.00	26.39 0.26 0.00	28.83 0.48 0.00	38.47 1.12 0.00	52.32 1.33 -5.08	44.81 1.26 0.00	39.46 1.11 -0.04	34.93 0.99 0.00	32.65 0.92 -0.11	29.71 0.72 0.00	28.98 0.51 0.00
BETHLEHEM___GS3 323562	28.72 0.34 0.00	28.56 0.31 0.00	28.15 0.11 0.00	28.01 0.03 0.00	27.78 0.08 0.00	28.37 0.25 0.00	29.16 0.46 0.00	28.68 0.51 0.00	28.79 0.51 0.00	27.36 0.24 0.00	25.40 0.25 0.00	25.45 0.15 0.00	25.47 0.18 0.00	25.86 0.23 0.00	26.39 0.26 0.00	28.83 0.48 0.00	38.47 1.12 0.00	52.32 1.33 -5.08	44.81 1.26 0.00	39.46 1.11 -0.04	34.93 0.99 0.00	32.65 0.92 -0.11	29.71 0.72 0.00	28.98 0.51 0.00
BETHLEHEM___STEEL 23779	28.89 0.51 0.00	28.76 0.51 0.00	28.21 0.17 0.00	28.29 0.31 0.00	27.75 0.06 0.00	28.43 0.31 0.00	29.33 0.63 0.00	27.72 -0.45 0.00	27.04 -1.24 0.00	26.14 -0.98 0.00	25.05 -0.10 0.00	25.52 0.23 0.00	25.32 0.03 0.00	25.47 -0.15 0.00	25.79 -0.34 0.00	28.27 -0.09 0.00	36.31 -1.05 0.00	44.83 -2.25 -1.17	41.63 -1.92 0.00	36.48 -1.84 -0.01	32.35 -1.60 0.00	30.07 -1.58 -0.03	28.38 -0.61 0.00	27.78 -0.68 0.00
BETHLHEM_115KV_TB1 79974	28.80 0.43 0.00	28.59 0.34 0.00	28.23 0.20 0.00	28.12 0.14 0.00	27.95 0.25 0.00	28.46 0.34 0.00	29.25 0.55 0.00	28.76 0.59 0.00	28.68 0.40 0.00	27.44 0.33 0.00	25.45 0.30 0.00	25.52 0.23 0.00	25.55 0.25 0.00	25.94 0.31 0.00	26.47 0.34 0.00	28.89 0.54 0.00	38.55 1.20 0.00	52.46 1.47 -5.07	44.90 1.35 0.00	39.54 1.19 -0.04	35.04 1.09 0.00	32.75 1.01 -0.11	29.77 0.78 0.00	28.95 0.48 0.00
BETHPAGE_CC_5 323564	36.47 2.10 -5.99	36.20 2.06 -5.89	35.33 1.77 -5.53	35.30 1.65 -5.67	35.84 1.61 -6.53	35.30 1.88 -5.30	36.82 2.18 -5.94	36.95 2.34 -6.44	36.59 2.49 -5.82	35.78 1.98 -6.69	40.19 1.66 -13.39	36.79 1.59 -9.91	39.54 1.72 -12.52	39.54 1.74 -12.16	40.92 1.80 -12.99	42.43 2.33 -11.75	63.94 3.40 -23.19	79.33 4.18 -29.24	74.31 3.92 -26.84	63.21 3.37 -21.52	59.86 3.02 -22.89	54.56 2.81 -20.12	41.71 2.52 -10.21	40.30 2.16 -9.67
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	28.95 0.57 0.00	28.81 0.56 0.00	28.26 0.22 0.00	28.35 0.36 0.00	27.81 0.11 0.00	28.49 0.37 0.00	29.39 0.69 0.00	27.78 -0.39 0.00	27.12 -1.16 0.00	26.22 -0.89 0.00	25.12 -0.03 0.00	25.57 0.28 0.00	25.40 0.10 0.00	25.55 -0.08 0.00	25.87 -0.26 0.00	28.35 0.00 0.00	36.42 -0.93 0.00	44.89 -2.20 -1.17	41.80 -1.74 0.00	36.60 -1.72 -0.01	32.49 -1.46 0.00	30.19 -1.45 -0.03	28.46 -0.52 0.00	27.84 -0.63 0.00
BINGHAMTON___COGEN 23790	29.00 0.62 0.00	28.87 0.62 0.00	28.49 0.45 0.00	28.46 0.48 0.00	28.12 0.42 0.00	28.71 0.59 0.00	29.39 0.69 0.00	28.74 0.56 0.00	28.51 0.23 0.00	27.38 0.27 0.00	25.57 0.43 0.00	25.82 0.53 0.00	25.75 0.46 0.00	26.04 0.41 0.00	26.50 0.37 0.00	28.95 0.60 0.00	38.02 0.67 0.00	48.24 0.60 -1.72	44.20 0.65 0.00	38.83 0.50 -0.01	34.42 0.48 0.00	32.04 0.38 -0.04	29.51 0.52 0.00	28.84 0.37 0.00
BIXINCNT_115KV_LOAD 355685	29.23 0.85 0.00	29.07 0.82 0.00	28.51 0.48 0.00	28.60 0.62 0.00	28.09 0.39 0.00	28.80 0.67 0.00	29.68 0.98 0.00	28.23 0.06 0.00	27.55 -0.74 0.00	26.62 -0.49 0.00	25.42 0.28 0.00	25.93 0.63 0.00	25.72 0.43 0.00	25.83 0.21 0.00	26.16 0.03 0.00	28.69 0.34 0.00	36.94 -0.41 0.00	45.23 -1.88 -1.20	42.54 -1.00 0.00	37.17 -1.15 -0.01	32.96 -0.98 0.00	30.61 -1.04 -0.03	28.75 -0.23 0.00	27.95 -0.51 0.00

BLACK RIVER___HYD 24047	28.58 0.20 0.00	28.42 0.17 0.00	28.18 0.14 0.00	28.12 0.14 0.00	27.81 0.11 0.00	28.37 0.25 0.00	28.93 0.23 0.00	28.29 0.11 0.00	28.31 0.03 0.00	26.98 -0.13 0.00	24.90 -0.25 0.00	25.04 -0.25 0.00	24.94 -0.35 0.00	25.29 -0.33 0.00	25.85 -0.29 0.00	28.18 -0.17 0.00	37.43 0.07 0.00	47.03 0.60 -0.52	44.20 0.65 0.00	38.85 0.54 0.00	34.22 0.27 0.00	31.79 0.16 -0.01	29.19 0.20 0.00	28.64 0.17 0.00
BLACKRVR_115KV_TB2 79977	28.58 0.20 0.00	28.39 0.14 0.00	28.15 0.11 0.00	28.12 0.14 0.00	27.78 0.08 0.00	28.38 0.25 0.00	28.90 0.20 0.00	28.28 0.11 0.00	28.26 -0.03 0.00	26.98 -0.14 0.00	24.90 -0.25 0.00	25.04 -0.25 0.00	24.94 -0.35 0.00	25.30 -0.33 0.00	25.85 -0.29 0.00	28.18 -0.17 0.00	37.43 0.07 0.00	47.04 0.60 -0.52	44.20 0.65 0.00	38.89 0.57 0.00	34.25 0.31 0.00	31.79 0.16 -0.01	29.19 0.20 0.00	28.61 0.14 0.00
BLISS_WT_PWR 323608	29.23 0.85 0.00	29.15 0.90 0.00	28.65 0.62 0.00	28.63 0.64 0.00	28.42 0.72 0.00	28.83 0.70 0.00	29.94 1.23 0.00	28.26 0.08 0.00	28.12 -0.17 0.00	26.62 -0.49 0.00	25.42 0.28 0.00	25.93 0.63 0.00	25.72 0.43 0.00	25.86 0.23 0.00	26.16 0.03 0.00	28.72 0.37 0.00	36.83 -0.52 0.00	45.28 -1.84 -1.20	42.50 -1.05 0.00	36.95 -1.38 -0.01	32.86 -1.09 0.00	30.26 -1.39 -0.03	28.72 -0.26 0.00	28.01 -0.46 0.00
BLUESTONE___WT_PWR 323821	30.56 2.19 0.00	30.45 2.20 0.00	30.06 2.02 0.00	30.00 2.02 0.00	29.67 1.97 0.00	30.32 2.19 0.00	31.03 2.32 0.00	30.29 2.11 0.00	30.41 2.12 0.00	28.82 1.71 0.00	26.76 1.61 0.00	27.01 1.72 0.00	26.89 1.59 0.00	27.22 1.59 0.00	27.78 1.65 0.00	30.50 2.15 0.00	40.30 2.95 0.00	51.45 3.77 -1.77	47.16 3.61 0.00	41.35 3.03 -0.01	36.53 2.58 0.00	33.84 2.18 -0.04	31.16 2.17 0.00	30.46 1.99 0.00
BLUE_CIRC_CHEM_DRP 24182	29.06 0.68 0.00	28.84 0.59 0.00	28.51 0.48 0.00	28.40 0.42 0.00	28.20 0.50 0.00	28.71 0.59 0.00	29.45 0.75 0.00	28.99 0.82 0.00	28.91 0.62 0.00	27.65 0.54 0.00	25.62 0.48 0.00	25.70 0.40 0.00	25.75 0.46 0.00	26.12 0.49 0.00	26.66 0.52 0.00	29.12 0.77 0.00	38.77 1.42 0.00	52.71 1.74 -5.05	45.16 1.61 0.00	39.81 1.46 -0.04	35.24 1.29 0.00	32.97 1.23 -0.11	30.00 1.01 0.00	29.18 0.71 0.00
BOC_GAS_DRP 24189	29.03 0.65 0.00	28.81 0.56 0.00	28.49 0.45 0.00	28.37 0.39 0.00	28.17 0.47 0.00	28.68 0.56 0.00	29.42 0.72 0.00	28.93 0.76 0.00	28.88 0.59 0.00	27.63 0.52 0.00	25.60 0.45 0.00	25.67 0.38 0.00	25.72 0.43 0.00	26.09 0.46 0.00	26.63 0.50 0.00	29.09 0.74 0.00	38.73 1.38 0.00	52.67 1.70 -5.05	45.11 1.57 0.00	39.73 1.38 -0.04	35.20 1.26 0.00	32.91 1.17 -0.11	29.94 0.96 0.00	29.15 0.68 0.00
BOONVILLE_115KV_TB1 79983	28.98 0.60 0.00	28.84 0.59 0.00	28.60 0.56 0.00	28.57 0.59 0.00	28.25 0.55 0.00	28.77 0.65 0.00	29.33 0.63 0.00	28.76 0.59 0.00	28.85 0.57 0.00	27.60 0.49 0.00	25.52 0.38 0.00	25.67 0.38 0.00	25.62 0.33 0.00	25.99 0.36 0.00	26.50 0.37 0.00	28.86 0.51 0.00	38.17 0.82 0.00	47.38 1.19 -0.27	44.68 1.13 0.00	39.31 1.00 0.00	34.70 0.75 0.00	32.29 0.66 -0.01	29.59 0.61 0.00	29.04 0.57 0.00
BORALEX_4TH_BRANCH 23824	29.57 1.19 0.00	29.24 0.99 0.00	28.88 0.84 0.00	28.74 0.76 0.00	28.53 0.83 0.00	29.08 0.96 0.00	29.97 1.26 0.00	29.52 1.35 0.00	29.42 1.13 0.00	28.09 0.98 0.00	25.95 0.80 0.00	26.03 0.73 0.00	26.08 0.78 0.00	26.45 0.82 0.00	27.05 0.91 0.00	29.66 1.30 0.00	39.67 2.32 0.00	53.84 2.85 -5.08	46.12 2.57 0.00	40.61 2.26 -0.04	35.99 2.04 0.00	33.66 1.93 -0.11	30.58 1.59 0.00	29.69 1.22 0.00
BOWLINE___1 23526	29.80 1.42 0.00	29.60 1.36 0.00	29.13 1.09 0.00	28.96 0.98 0.00	28.67 0.97 0.00	29.33 1.21 0.00	30.14 1.43 0.00	29.78 1.60 0.00	30.04 1.75 0.00	28.47 1.36 0.00	26.28 1.13 0.00	26.35 1.06 0.00	26.48 1.19 0.00	26.81 1.18 0.00	27.36 1.23 0.00	30.05 1.70 0.00	40.00 2.65 0.00	53.16 3.31 -3.93	46.64 3.09 0.00	40.98 2.64 -0.03	36.36 2.41 0.00	33.89 2.18 -0.09	30.87 1.88 0.00	30.06 1.59 0.00
BOWLINE___2 23595	29.80 1.42 0.00	29.60 1.36 0.00	29.13 1.09 0.00	28.96 0.98 0.00	28.67 0.97 0.00	29.33 1.21 0.00	30.14 1.43 0.00	29.78 1.60 0.00	30.04 1.75 0.00	28.47 1.36 0.00	26.28 1.13 0.00	26.35 1.06 0.00	26.48 1.19 0.00	26.81 1.18 0.00	27.36 1.23 0.00	30.05 1.70 0.00	40.00 2.65 0.00	53.16 3.31 -3.93	46.64 3.09 0.00	40.98 2.64 -0.03	36.36 2.41 0.00	33.89 2.18 -0.09	30.87 1.88 0.00	30.06 1.59 0.00
BRADY___115KV_TB2 356060	28.72 0.34 0.00	28.67 0.42 0.00	28.63 0.59 0.00	28.60 0.62 0.00	28.25 0.55 0.00	28.57 0.45 0.00	29.02 0.32 0.00	28.54 0.37 0.00	28.91 0.62 0.00	27.65 0.54 0.00	25.57 0.43 0.00	25.75 0.46 0.00	25.70 0.40 0.00	26.04 0.41 0.00	26.53 0.39 0.00	28.52 0.17 0.00	37.46 0.11 0.00	46.24 0.32 0.00	43.98 0.44 0.00	38.77 0.46 0.00	34.25 0.31 0.00	32.00 0.38 0.00	29.27 0.29 0.00	28.87 0.40 0.00
BRANSCOMB___SOLAR 323811	29.57 1.19 0.00	29.41 1.16 0.00	28.99 0.95 0.00	28.85 0.87 0.00	28.67 0.97 0.00	29.30 1.18 0.00	30.14 1.43 0.00	29.52 1.35 0.00	29.61 1.33 0.00	28.09 0.97 0.00	25.98 0.83 0.00	25.98 0.68 0.00	26.00 0.71 0.00	26.37 0.74 0.00	26.94 0.81 0.00	29.51 1.16 0.00	39.59 2.24 0.00	53.98 2.85 -5.22	46.20 2.66 0.00	40.73 2.38 -0.04	35.95 2.00 0.00	33.54 1.80 -0.12	30.64 1.65 0.00	29.86 1.39 0.00
BRENTWOD_69_KV_W. BRTWOOD 56703	36.66 2.30 -5.98	36.25 2.12 -5.88	35.44 1.88 -5.52	35.41 1.76 -5.66	36.00 1.77 -6.53	35.41 2.00 -5.29	36.98 2.35 -5.93	37.14 2.54 -6.44	36.41 2.32 -5.81	35.96 2.17 -6.68	40.41 1.89 -13.38	37.01 1.82 -9.90	39.73 1.92 -12.52	39.73 1.95 -12.16	41.18 2.06 -12.98	42.70 2.61 -11.74	64.38 3.85 -23.18	79.88 4.73 -29.23	74.86 4.49 -26.83	63.62 3.79 -21.51	60.23 3.39 -22.88	54.96 3.23 -20.11	41.99 2.81 -10.20	40.46 2.33 -9.66
BRISTLHL_115KV_TB1 79998	28.04 -0.34 0.00	27.88 -0.37 0.00	27.62 -0.42 0.00	27.56 -0.42 0.00	27.26 -0.44 0.00	27.78 -0.34 0.00	28.42 -0.29 0.00	27.81 -0.37 0.00	27.75 -0.54 0.00	26.62 -0.49 0.00	24.77 -0.38 0.00	24.96 -0.33 0.00	24.89 -0.40 0.00	25.22 -0.41 0.00	25.69 -0.44 0.00	27.90 -0.45 0.00	36.75 -0.60 0.00	45.96 -0.69 -0.74	42.81 -0.74 0.00	37.63 -0.69 -0.01	33.37 -0.58 0.00	31.04 -0.60 -0.02	28.55 -0.43 0.00	28.13 -0.34 0.00
BROOKHAVEN___DRP 24191	36.69 2.33 -5.98	36.30 2.18 -5.88	35.49 1.93 -5.52	35.46 1.82 -5.66	36.05 1.83 -6.53	35.46 2.05 -5.29	37.07 2.44 -5.93	37.17 2.56 -6.44	36.44 2.35 -5.81	35.99 2.20 -6.68	40.41 1.89 -13.38	37.04 1.85 -9.90	39.76 1.95 -12.52	39.76 1.97 -12.16	41.21 2.09 -12.98	42.81 2.72 -11.74	64.64 4.11 -23.18	80.43 5.28 -29.23	75.34 4.96 -26.83	64.04 4.21 -21.51	60.57 3.73 -22.88	55.12 3.38 -20.11	42.05 2.87 -10.20	40.49 2.36 -9.66

BROOKLYN_NAVY_YARD 23515	30.05 1.67 0.00	29.83 1.58 0.00	29.33 1.29 0.00	29.13 1.15 0.00	28.81 1.11 0.00	29.53 1.41 0.00	30.45 1.75 0.00	30.11 1.94 0.00	30.41 2.12 0.00	28.85 1.74 0.00	26.58 1.43 0.00	26.66 1.36 0.00	26.79 1.49 0.00	27.14 1.51 0.00	27.70 1.57 0.00	30.45 2.10 0.00	40.52 3.17 0.00	53.88 3.90 -4.06	47.20 3.66 0.00	41.52 3.18 -0.03	36.80 2.85 0.00	34.34 2.62 -0.09	31.25 2.26 0.00	30.35 1.88 0.00
BROOKLYN___ARMY_DRP 323595	30.35 1.96 -0.01	30.00 1.75 0.00	29.55 1.51 0.00	29.33 1.34 0.00	29.03 1.33 0.00	29.67 1.55 0.00	30.51 1.81 0.00	30.20 2.03 0.00	30.12 1.84 0.00	28.93 1.82 0.00	26.66 1.51 0.00	26.71 1.42 0.00	26.84 1.54 0.00	27.22 1.59 0.00	27.75 1.62 0.00	30.56 2.21 0.00	40.53 3.17 0.00	54.02 4.04 -4.06	47.42 3.88 0.00	41.60 3.26 -0.03	36.87 2.92 0.00	34.57 2.85 -0.10	31.43 2.43 -0.01	30.47 1.99 -0.01
BROOKVLE_69_KV_TB1 55790	36.63 2.27 -5.98	36.19 2.06 -5.88	35.44 1.88 -5.52	35.41 1.76 -5.66	35.97 1.75 -6.53	35.41 2.00 -5.29	36.90 2.27 -5.93	37.06 2.45 -6.44	36.33 2.23 -5.81	35.96 2.17 -6.68	40.41 1.89 -13.38	36.99 1.80 -9.90	39.73 1.92 -12.52	39.73 1.95 -12.16	41.15 2.04 -12.98	42.70 2.61 -11.74	64.38 3.85 -23.18	79.92 4.78 -29.23	74.91 4.53 -26.83	63.70 3.87 -21.51	60.33 3.50 -22.88	54.96 3.23 -20.11	41.97 2.78 -10.20	40.44 2.31 -9.66
BROOME_2_LFGE 323671	29.03 0.65 0.00	28.92 0.68 0.00	28.54 0.51 0.00	28.46 0.48 0.00	28.17 0.47 0.00	28.71 0.59 0.00	29.48 0.78 0.00	28.74 0.56 0.00	28.79 0.51 0.00	27.38 0.27 0.00	25.57 0.43 0.00	25.82 0.53 0.00	25.75 0.46 0.00	26.04 0.41 0.00	26.50 0.37 0.00	28.95 0.60 0.00	37.99 0.63 0.00	48.28 0.64 -1.72	44.20 0.65 0.00	38.75 0.42 -0.01	34.39 0.44 0.00	31.94 0.28 -0.04	29.51 0.52 0.00	28.92 0.45 0.00
BROOME___LFGE 323600	29.03 0.65 0.00	28.92 0.68 0.00	28.54 0.51 0.00	28.46 0.48 0.00	28.17 0.47 0.00	28.71 0.59 0.00	29.48 0.78 0.00	28.74 0.56 0.00	28.79 0.51 0.00	27.38 0.27 0.00	25.57 0.43 0.00	25.82 0.53 0.00	25.75 0.46 0.00	26.04 0.41 0.00	26.50 0.37 0.00	28.95 0.60 0.00	37.99 0.63 0.00	48.28 0.64 -1.72	44.20 0.65 0.00	38.75 0.42 -0.01	34.39 0.44 0.00	31.94 0.28 -0.04	29.51 0.52 0.00	28.92 0.45 0.00
BROWNFLS_115KV_TB_3_5 80003	28.35 -0.03 0.00	28.25 0.00 0.00	28.12 0.08 0.00	28.09 0.11 0.00	27.78 0.08 0.00	28.18 0.06 0.00	28.67 -0.03 0.00	28.17 0.00 0.00	28.43 0.14 0.00	27.19 0.08 0.00	25.10 -0.05 0.00	25.27 -0.03 0.00	25.22 -0.08 0.00	25.55 -0.08 0.00	26.00 -0.13 0.00	28.07 -0.28 0.00	37.02 -0.34 0.00	45.99 -0.14 -0.21	43.50 -0.04 0.00	38.32 0.00 0.00	33.85 -0.10 0.00	31.60 -0.03 0.00	28.96 -0.03 0.00	28.47 0.00 0.00
BROWNSV1_27_KV_LOAD 356125	30.31 1.93 0.00	29.97 1.72 0.00	29.58 1.54 0.00	29.35 1.37 0.00	29.08 1.38 0.00	29.75 1.63 0.00	30.63 1.92 0.00	30.31 2.14 0.00	30.29 2.01 0.00	29.04 1.92 0.00	26.78 1.63 0.00	26.86 1.57 0.00	26.99 1.69 0.00	27.35 1.72 0.00	27.91 1.78 0.00	30.59 2.24 0.00	40.71 3.36 0.00	54.15 4.18 -4.06	47.51 3.96 0.00	41.72 3.37 -0.03	37.00 3.06 0.00	34.53 2.81 -0.09	31.42 2.43 0.00	30.43 1.96 0.00
BURROWS___LYONSDAL 23803	28.86 0.48 0.00	28.73 0.48 0.00	28.49 0.45 0.00	28.46 0.48 0.00	28.14 0.44 0.00	28.66 0.53 0.00	29.22 0.52 0.00	28.68 0.51 0.00	28.77 0.48 0.00	27.49 0.38 0.00	25.42 0.28 0.00	25.57 0.28 0.00	25.52 0.23 0.00	25.86 0.23 0.00	26.39 0.26 0.00	28.72 0.37 0.00	37.99 0.63 0.00	47.21 1.01 -0.28	44.50 0.96 0.00	39.16 0.84 0.00	34.59 0.65 0.00	32.17 0.54 -0.01	29.48 0.49 0.00	28.92 0.46 0.00
CAITHNESS_CC_1 323624	36.61 2.24 -5.99	36.31 2.18 -5.89	35.44 1.88 -5.53	35.39 1.74 -5.67	35.98 1.75 -6.53	35.42 2.00 -5.30	36.96 2.32 -5.94	37.10 2.48 -6.44	36.70 2.60 -5.82	35.92 2.12 -6.69	40.37 1.83 -13.39	36.97 1.77 -9.91	39.69 1.87 -12.52	39.69 1.90 -12.16	41.14 2.01 -12.99	42.74 2.64 -11.75	64.54 4.00 -23.19	80.21 5.05 -29.24	75.13 4.75 -26.84	63.89 4.06 -21.52	60.44 3.60 -22.89	55.00 3.26 -20.12	42.00 2.81 -10.21	40.53 2.39 -9.67
CALPINE BETH_PAGE_GT4 24209	36.35 1.99 -5.98	36.02 1.89 -5.88	35.27 1.71 -5.52	35.24 1.59 -5.66	35.80 1.58 -6.53	35.24 1.83 -5.29	36.61 1.98 -5.93	36.78 2.17 -6.44	36.07 1.98 -5.81	35.69 1.90 -6.68	40.16 1.63 -13.38	36.71 1.52 -9.90	39.45 1.64 -12.52	39.45 1.67 -12.16	40.84 1.72 -12.98	42.33 2.24 -11.74	63.86 3.32 -23.18	79.28 4.13 -29.23	74.25 3.88 -26.83	63.16 3.33 -21.51	59.82 2.99 -22.88	54.52 2.78 -20.11	41.62 2.43 -10.20	40.12 1.99 -9.66
CALPINE_BETH_PAGE_GT_4 323586	36.36 1.99 -5.99	36.14 2.01 -5.89	35.28 1.71 -5.53	35.25 1.59 -5.67	35.78 1.55 -6.53	35.25 1.83 -5.30	36.76 2.12 -5.94	36.90 2.28 -6.44	36.53 2.43 -5.82	35.76 1.95 -6.69	40.12 1.59 -13.39	36.72 1.52 -9.91	39.46 1.64 -12.52	39.46 1.66 -12.16	40.85 1.72 -12.99	42.37 2.27 -11.75	63.91 3.36 -23.19	79.29 4.13 -29.24	74.26 3.87 -26.84	63.17 3.33 -21.52	59.83 2.99 -22.89	54.53 2.78 -20.12	41.65 2.46 -10.21	40.24 2.11 -9.67
CALPINE_BP_GT1 23823	36.36 1.99 -5.99	36.14 2.01 -5.89	35.28 1.71 -5.53	35.25 1.59 -5.67	35.78 1.55 -6.53	35.25 1.83 -5.30	36.76 2.12 -5.94	36.90 2.28 -6.44	36.53 2.43 -5.82	35.76 1.95 -6.69	40.12 1.59 -13.39	36.72 1.52 -9.91	39.46 1.64 -12.52	39.46 1.66 -12.16	40.85 1.72 -12.99	42.37 2.27 -11.75	63.91 3.36 -23.19	79.29 4.13 -29.24	74.26 3.87 -26.84	63.17 3.33 -21.52	59.83 2.99 -22.89	54.53 2.78 -20.12	41.65 2.46 -10.21	40.24 2.11 -9.67
CALSPAN___DRP 24200	28.89 0.51 0.00	28.76 0.51 0.00	28.21 0.17 0.00	28.29 0.31 0.00	27.75 0.06 0.00	28.43 0.31 0.00	29.33 0.63 0.00	27.72 -0.45 0.00	27.04 -1.24 0.00	26.14 -0.98 0.00	25.05 -0.10 0.00	25.52 0.23 0.00	25.32 0.03 0.00	25.47 -0.15 0.00	25.79 -0.34 0.00	28.27 -0.09 0.00	36.31 -1.05 0.00	44.83 -2.25 -1.17	41.63 -1.92 0.00	36.48 -1.84 -0.01	32.35 -1.60 0.00	30.07 -1.58 -0.03	28.38 -0.61 0.00	27.78 -0.68 0.00
CALVERTON___SOLAR 323806	36.84 2.47 -5.99	36.51 2.37 -5.89	35.64 2.07 -5.53	35.56 1.90 -5.67	36.17 1.94 -6.53	35.58 2.17 -5.30	37.17 2.53 -5.94	37.29 2.68 -6.44	36.90 2.80 -5.82	36.11 2.30 -6.69	40.52 1.99 -13.39	37.15 1.95 -9.91	39.84 2.02 -12.52	39.84 2.05 -12.16	41.32 2.20 -12.99	42.99 2.89 -11.75	64.87 4.33 -23.19	80.66 5.51 -29.24	75.57 5.18 -26.84	64.28 4.44 -21.52	60.74 3.90 -22.89	55.25 3.51 -20.12	42.21 3.01 -10.21	40.73 2.59 -9.67
CANDIGU_WT_PWR 323617	29.20 0.82 0.00	29.09 0.85 0.00	28.65 0.62 0.00	28.63 0.64 0.00	28.36 0.66 0.00	28.85 0.73 0.00	29.82 1.12 0.00	28.57 0.39 0.00	28.51 0.23 0.00	27.06 -0.05 0.00	25.57 0.43 0.00	25.98 0.68 0.00	25.77 0.48 0.00	26.01 0.38 0.00	26.39 0.26 0.00	28.92 0.57 0.00	37.39 0.04 0.00	46.97 -0.32 -1.37	43.33 -0.22 0.00	37.87 -0.46 -0.01	33.68 -0.27 0.00	31.24 -0.41 -0.03	29.16 0.17 0.00	28.55 0.09 0.00

CARR STREET_E__SYR 24060	28.24 -0.14 0.00	28.11 -0.14 0.00	27.84 -0.19 0.00	27.76 -0.22 0.00	27.48 -0.22 0.00	27.98 -0.14 0.00	28.67 -0.03 0.00	28.00 -0.17 0.00	28.06 -0.23 0.00	26.79 -0.32 0.00	24.94 -0.20 0.00	25.14 -0.15 0.00	25.07 -0.23 0.00	25.40 -0.23 0.00	25.87 -0.26 0.00	28.07 -0.28 0.00	36.75 -0.60 0.00	46.11 -0.60 -0.79	42.85 -0.70 0.00	37.63 -0.69 -0.01	33.37 -0.58 0.00	31.04 -0.60 -0.02	28.67 -0.32 0.00	28.35 -0.11 0.00
CARTHAGE__PAPER 23857	28.46 0.09 0.00	28.30 0.06 0.00	28.09 0.06 0.00	28.07 0.08 0.00	27.76 0.06 0.00	28.26 0.14 0.00	28.79 0.09 0.00	28.23 0.06 0.00	28.28 0.00 0.00	27.06 -0.05 0.00	24.97 -0.17 0.00	25.09 -0.20 0.00	25.02 -0.28 0.00	25.37 -0.26 0.00	25.90 -0.24 0.00	28.15 -0.20 0.00	37.31 -0.04 0.00	46.77 0.41 -0.44	44.03 0.48 0.00	38.74 0.42 0.00	34.15 0.20 0.00	31.76 0.13 -0.01	29.10 0.12 0.00	28.52 0.06 0.00
CASSADAGA_WT_PWR 323784	29.77 1.39 0.00	29.69 1.44 0.00	29.16 1.12 0.00	29.13 1.15 0.00	28.89 1.19 0.00	29.30 1.18 0.00	30.45 1.75 0.00	28.62 0.45 0.00	28.54 0.25 0.00	27.06 -0.05 0.00	25.90 0.75 0.00	26.35 1.06 0.00	26.18 0.88 0.00	26.29 0.67 0.00	26.63 0.50 0.00	29.23 0.88 0.00	37.50 0.15 0.00	46.65 -0.46 -1.20	43.33 -0.22 0.00	37.63 -0.69 -0.01	33.40 -0.54 0.00	30.83 -0.82 -0.03	28.90 -0.09 0.00	28.18 -0.28 0.00
CE_DUNWOOD__DRP 24194	29.94 1.56 0.00	29.63 1.38 0.00	29.24 1.21 0.00	29.07 1.09 0.00	28.81 1.11 0.00	29.44 1.32 0.00	30.28 1.58 0.00	29.95 1.77 0.00	29.87 1.58 0.00	28.63 1.52 0.00	26.43 1.28 0.00	26.51 1.21 0.00	26.63 1.34 0.00	26.99 1.36 0.00	27.54 1.41 0.00	30.22 1.87 0.00	40.23 2.88 0.00	53.55 3.58 -4.06	46.90 3.35 0.00	41.26 2.91 -0.03	36.56 2.61 0.00	34.12 2.40 -0.09	31.04 2.06 0.00	30.09 1.62 0.00
CE_MILLWOOD__DRP 24193	29.88 1.50 0.00	29.58 1.33 0.00	29.19 1.15 0.00	29.02 1.04 0.00	28.75 1.05 0.00	29.39 1.27 0.00	30.20 1.49 0.00	29.89 1.72 0.00	29.81 1.53 0.00	28.58 1.46 0.00	26.35 1.21 0.00	26.43 1.14 0.00	26.56 1.26 0.00	26.91 1.28 0.00	27.47 1.33 0.00	30.14 1.79 0.00	40.12 2.76 0.00	53.44 3.49 -4.04	46.81 3.27 0.00	41.14 2.80 -0.03	36.49 2.55 0.00	34.05 2.34 -0.09	30.98 2.00 0.00	30.03 1.57 0.00
CE_NYC2_DRP 24202	30.11 1.73 0.00	29.80 1.55 0.00	29.38 1.35 0.00	29.16 1.18 0.00	28.86 1.16 0.00	29.50 1.38 0.00	30.34 1.64 0.00	30.06 1.89 0.00	30.01 1.73 0.00	28.79 1.68 0.00	26.56 1.41 0.00	26.61 1.32 0.00	26.74 1.44 0.00	27.09 1.46 0.00	27.65 1.52 0.00	30.39 2.04 0.00	40.38 3.03 0.00	53.79 3.81 -4.06	47.16 3.61 0.00	41.41 3.07 -0.03	36.70 2.75 0.00	34.31 2.59 -0.09	31.22 2.23 0.00	30.26 1.79 0.00
CE_NYC_DRP 24195	30.05 1.67 0.00	29.74 1.50 0.00	29.33 1.29 0.00	29.16 1.18 0.00	28.86 1.16 0.00	29.53 1.41 0.00	30.40 1.69 0.00	30.09 1.92 0.00	30.04 1.75 0.00	28.79 1.68 0.00	26.56 1.41 0.00	26.63 1.34 0.00	26.76 1.47 0.00	27.11 1.49 0.00	27.68 1.54 0.00	30.39 2.04 0.00	40.41 3.06 0.00	53.35 3.81 -3.62	46.74 3.57 0.38	41.03 3.07 0.35	36.68 2.78 0.05	34.31 2.59 -0.09	31.19 2.20 0.00	30.20 1.74 0.00
CHAFFEE__LFGE 323603	28.92 0.54 0.00	28.81 0.56 0.00	28.35 0.31 0.00	28.32 0.34 0.00	28.09 0.39 0.00	28.49 0.36 0.00	29.62 0.92 0.00	27.75 -0.42 0.00	27.61 -0.68 0.00	26.19 -0.92 0.00	25.10 -0.05 0.00	25.55 0.25 0.00	25.37 0.08 0.00	25.53 -0.10 0.00	25.85 -0.29 0.00	28.32 -0.03 0.00	36.27 -1.08 0.00	45.03 -2.07 -1.18	41.80 -1.74 0.00	36.37 -1.95 -0.01	32.39 -1.56 0.00	30.10 -1.55 -0.03	28.43 -0.55 0.00	27.96 -0.51 0.00
CHATEAUG_35_KV_LOAD 355732	29.06 0.68 0.00	29.04 0.79 0.00	28.94 0.90 0.00	28.91 0.92 0.00	28.53 0.83 0.00	28.88 0.76 0.00	29.42 0.72 0.00	28.93 0.76 0.00	29.30 1.02 0.00	28.03 0.92 0.00	25.95 0.80 0.00	26.15 0.86 0.00	26.10 0.81 0.00	26.45 0.82 0.00	26.97 0.84 0.00	29.00 0.65 0.00	38.06 0.71 0.00	47.02 1.10 0.00	44.72 1.18 0.00	39.43 1.11 0.00	34.87 0.92 0.00	32.54 0.92 0.00	29.65 0.67 0.00	29.24 0.77 0.00
CHATEAUG_WT_PWR 323614	29.06 0.68 0.00	28.92 0.68 0.00	28.88 0.84 0.00	28.88 0.90 0.00	28.56 0.86 0.00	28.85 0.73 0.00	29.36 0.66 0.00	28.93 0.76 0.00	28.99 0.71 0.00	28.00 0.89 0.00	25.90 0.75 0.00	26.13 0.83 0.00	26.10 0.81 0.00	26.42 0.80 0.00	26.94 0.81 0.00	28.97 0.62 0.00	38.02 0.67 0.00	46.92 1.01 0.00	44.63 1.09 0.00	39.39 1.07 0.00	34.83 0.88 0.00	32.48 0.85 0.00	29.62 0.64 0.00	29.12 0.66 0.00
CHAT_HIGH_FALL_HYD 323578	29.06 0.68 0.00	28.95 0.71 0.00	28.91 0.87 0.00	28.90 0.92 0.00	28.56 0.86 0.00	28.85 0.73 0.00	29.36 0.66 0.00	28.93 0.76 0.00	28.99 0.71 0.00	28.03 0.92 0.00	25.95 0.80 0.00	26.15 0.86 0.00	26.10 0.81 0.00	26.45 0.82 0.00	26.97 0.84 0.00	28.97 0.62 0.00	38.06 0.71 0.00	46.92 1.01 0.00	44.72 1.18 0.00	39.46 1.15 0.00	34.87 0.92 0.00	32.54 0.92 0.00	29.65 0.67 0.00	29.12 0.66 0.00
CHAUTAUQUA__LFGE 323629	29.37 0.99 0.00	29.29 1.05 0.00	28.80 0.76 0.00	28.76 0.78 0.00	28.53 0.83 0.00	28.94 0.82 0.00	30.05 1.35 0.00	28.23 0.06 0.00	28.12 -0.17 0.00	26.65 -0.46 0.00	25.52 0.38 0.00	25.98 0.68 0.00	25.80 0.51 0.00	25.94 0.31 0.00	26.26 0.13 0.00	28.80 0.45 0.00	36.91 -0.45 0.00	45.96 -1.15 -1.19	42.55 -1.00 0.00	37.02 -1.30 -0.01	32.93 -1.02 0.00	30.57 -1.08 -0.03	28.72 -0.26 0.00	28.15 -0.31 0.00
CHERRYST_13_KV_LD 356241	30.11 1.73 0.00	29.80 1.55 0.00	29.38 1.35 0.00	29.18 1.20 0.00	28.92 1.22 0.00	29.58 1.46 0.00	30.45 1.75 0.00	30.14 1.97 0.00	30.09 1.81 0.00	28.87 1.76 0.00	26.63 1.48 0.00	26.68 1.39 0.00	26.81 1.52 0.00	27.17 1.54 0.00	27.73 1.59 0.00	30.45 2.10 0.00	40.49 3.14 0.00	53.44 3.90 -3.62	46.87 3.70 0.38	41.11 3.14 0.35	36.75 2.85 0.05	34.37 2.66 -0.09	31.27 2.29 0.00	30.29 1.82 0.00
CHESTROR_138KV_BK263 355645	29.60 1.22 0.00	29.32 1.07 0.00	28.96 0.93 0.00	28.82 0.84 0.00	28.56 0.86 0.00	29.13 1.01 0.00	29.88 1.18 0.00	29.52 1.35 0.00	29.44 1.16 0.00	28.22 1.11 0.00	26.05 0.91 0.00	26.15 0.86 0.00	26.26 0.96 0.00	26.60 0.97 0.00	27.15 1.02 0.00	29.77 1.42 0.00	39.59 2.24 0.00	52.47 2.80 -3.75	46.20 2.66 0.00	40.60 2.26 -0.03	36.02 2.07 0.00	33.60 1.90 -0.08	30.58 1.59 0.00	29.69 1.22 0.00
CH_MIDHUDSON__DRP 24192	29.86 1.48 0.00	29.55 1.30 0.00	29.16 1.12 0.00	29.02 1.04 0.00	28.75 1.05 0.00	29.36 1.24 0.00	30.14 1.44 0.00	29.78 1.61 0.00	29.70 1.41 0.00	28.41 1.30 0.00	26.23 1.08 0.00	26.25 0.96 0.00	26.41 1.11 0.00	26.76 1.13 0.00	27.34 1.20 0.00	30.00 1.64 0.00	39.97 2.61 0.00	53.38 3.31 -4.16	46.68 3.14 0.00	41.03 2.68 -0.03	36.36 2.41 0.00	33.93 2.21 -0.09	30.84 1.86 0.00	29.95 1.48 0.00

CH_MISC_IPPS 23765	29.97 1.59 0.00	29.77 1.52 0.00	29.30 1.26 0.00	29.13 1.15 0.00	28.81 1.11 0.00	29.47 1.35 0.00	30.25 1.55 0.00	29.86 1.69 0.00	30.10 1.81 0.00	28.49 1.38 0.00	26.28 1.13 0.00	26.31 1.01 0.00	26.46 1.16 0.00	26.81 1.18 0.00	27.39 1.25 0.00	30.08 1.73 0.00	40.15 2.80 0.00	53.53 3.54 -4.08	46.94 3.40 0.00	41.25 2.91 -0.03	36.53 2.58 0.00	34.05 2.34 -0.09	30.98 2.00 0.00	30.15 1.68 0.00
CH_RES_BVR_FALLS 23983	28.21 -0.17 0.00	28.08 -0.17 0.00	27.98 -0.06 0.00	27.95 -0.03 0.00	27.67 -0.03 0.00	28.01 -0.11 0.00	28.47 -0.23 0.00	28.00 -0.17 0.00	28.12 -0.17 0.00	27.11 0.00 0.00	25.12 -0.03 0.00	25.27 -0.03 0.00	25.27 -0.03 0.00	25.60 -0.03 0.00	26.11 -0.03 0.00	28.18 -0.17 0.00	37.05 -0.30 0.00	45.50 -0.41 0.00	43.24 -0.30 0.00	38.09 -0.23 0.00	33.71 -0.24 0.00	31.43 -0.19 0.00	28.75 -0.23 0.00	28.24 -0.23 0.00
CH_RES_NIAGARA 23895	27.84 -0.54 0.00	27.74 -0.51 0.00	27.50 -0.53 0.00	27.28 -0.70 0.00	27.06 -0.64 0.00	27.42 -0.70 0.00	28.56 -0.14 0.00	26.54 -1.63 0.00	26.33 -1.95 0.00	25.02 -2.09 0.00	24.07 -1.08 0.00	24.51 -0.78 0.00	24.31 -0.99 0.00	24.48 -1.15 0.00	24.77 -1.36 0.00	27.10 -1.25 0.00	34.44 -2.91 0.00	43.19 -3.86 -1.13	39.50 -4.05 0.00	34.41 -3.91 -0.01	30.66 -3.29 0.00	28.93 -2.72 -0.03	27.22 -1.77 0.00	26.85 -1.62 0.00
CH_RES_SYRACUSE 23985	28.44 0.06 0.00	28.30 0.06 0.00	28.04 0.00 0.00	27.95 -0.03 0.00	27.67 -0.03 0.00	28.18 0.06 0.00	28.88 0.17 0.00	28.20 0.03 0.00	28.28 0.00 0.00	27.00 -0.11 0.00	25.12 -0.03 0.00	25.34 0.05 0.00	25.27 -0.03 0.00	25.58 -0.05 0.00	26.06 -0.08 0.00	28.32 -0.03 0.00	37.24 -0.11 0.00	46.76 0.00 -0.85	43.42 -0.13 0.00	38.13 -0.19 -0.01	33.81 -0.14 0.00	31.45 -0.19 -0.02	28.96 -0.03 0.00	28.52 0.06 0.00
CLINTON_WT_PWR 323605	29.06 0.68 0.00	28.92 0.68 0.00	28.88 0.84 0.00	28.88 0.90 0.00	28.56 0.86 0.00	28.85 0.73 0.00	29.36 0.66 0.00	28.93 0.76 0.00	28.99 0.71 0.00	28.00 0.89 0.00	25.90 0.75 0.00	26.13 0.83 0.00	26.10 0.81 0.00	26.42 0.80 0.00	26.94 0.81 0.00	28.97 0.62 0.00	38.02 0.67 0.00	46.92 1.01 0.00	44.63 1.09 0.00	39.39 1.07 0.00	34.83 0.88 0.00	32.48 0.85 0.00	29.62 0.64 0.00	29.12 0.66 0.00
CLINTON__LFGE 323618	29.40 1.02 0.00	29.29 1.05 0.00	29.22 1.18 0.00	29.21 1.23 0.00	28.89 1.19 0.00	29.19 1.07 0.00	29.77 1.06 0.00	29.33 1.16 0.00	29.36 1.07 0.00	28.36 1.25 0.00	26.25 1.11 0.00	26.46 1.16 0.00	26.43 1.14 0.00	26.78 1.15 0.00	27.28 1.15 0.00	29.34 0.99 0.00	38.58 1.23 0.00	47.66 1.74 0.00	45.37 1.83 0.00	40.04 1.73 0.00	35.37 1.43 0.00	33.01 1.39 0.00	30.06 1.07 0.00	29.52 1.05 0.00
COBBLENY_34_KV_TB1 80064	28.92 0.54 0.00	28.76 0.51 0.00	28.21 0.17 0.00	28.29 0.31 0.00	27.78 0.08 0.00	28.46 0.34 0.00	29.33 0.63 0.00	27.75 -0.42 0.00	27.12 -1.16 0.00	26.19 -0.92 0.00	25.10 -0.05 0.00	25.55 0.25 0.00	25.37 0.08 0.00	25.50 -0.13 0.00	25.85 -0.29 0.00	28.32 -0.03 0.00	36.42 -0.93 0.00	45.03 -2.07 -1.18	41.85 -1.70 0.00	36.64 -1.69 -0.01	32.49 -1.46 0.00	30.19 -1.45 -0.03	28.46 -0.52 0.00	27.84 -0.63 0.00
COFFEEN__115KV_TB3 355620	28.72 0.34 0.00	28.56 0.31 0.00	28.29 0.25 0.00	28.26 0.28 0.00	27.92 0.22 0.00	28.52 0.39 0.00	29.08 0.37 0.00	28.43 0.25 0.00	28.37 0.08 0.00	27.08 -0.03 0.00	25.00 -0.15 0.00	25.12 -0.18 0.00	25.02 -0.28 0.00	25.37 -0.26 0.00	25.95 -0.18 0.00	28.29 -0.06 0.00	37.65 0.30 0.00	47.36 0.92 -0.53	44.50 0.96 0.00	39.16 0.84 0.00	34.46 0.51 0.00	31.98 0.35 -0.01	29.36 0.38 0.00	28.75 0.28 0.00
COLDSPRG_115KV_BK1 355956	29.86 1.48 0.00	29.72 1.47 0.00	29.13 1.09 0.00	29.21 1.23 0.00	28.70 1.00 0.00	29.39 1.27 0.00	30.28 1.58 0.00	28.85 0.68 0.00	28.20 -0.08 0.00	27.27 0.16 0.00	26.03 0.88 0.00	26.53 1.24 0.00	26.33 1.04 0.00	26.42 0.79 0.00	26.76 0.63 0.00	29.40 1.05 0.00	37.95 0.60 0.00	46.62 -0.51 -1.21	43.76 0.22 0.00	38.21 -0.11 -0.01	33.88 -0.07 0.00	31.40 -0.25 -0.03	29.33 0.35 0.00	28.52 0.06 0.00
COLONIE_LFGE__ 323577	29.34 0.97 0.00	29.15 0.90 0.00	28.74 0.70 0.00	28.60 0.61 0.00	28.36 0.66 0.00	28.96 0.84 0.00	29.79 1.09 0.00	29.27 1.10 0.00	29.39 1.10 0.00	27.90 0.79 0.00	25.80 0.65 0.00	25.85 0.56 0.00	25.90 0.61 0.00	26.27 0.64 0.00	26.84 0.71 0.00	29.40 1.05 0.00	39.29 1.94 0.00	53.46 2.39 -5.16	45.72 2.18 0.00	40.30 1.95 -0.04	35.65 1.70 0.00	33.32 1.58 -0.12	30.35 1.36 0.00	29.61 1.14 0.00
COOPERNY_115KV_TB1 80082	29.32 0.94 0.00	29.10 0.85 0.00	28.77 0.73 0.00	28.65 0.67 0.00	28.36 0.66 0.00	28.94 0.82 0.00	29.62 0.92 0.00	29.21 1.04 0.00	29.16 0.88 0.00	27.95 0.84 0.00	25.85 0.70 0.00	25.98 0.68 0.00	26.05 0.76 0.00	26.37 0.74 0.00	26.92 0.78 0.00	29.43 1.08 0.00	39.07 1.72 0.00	51.02 2.16 -2.95	45.55 2.00 0.00	40.06 1.72 -0.02	35.51 1.56 0.00	33.11 1.42 -0.07	30.20 1.22 0.00	29.41 0.94 0.00
COPENHAGEN_WT_PWR 323753	28.52 0.14 0.00	28.36 0.11 0.00	28.09 0.06 0.00	28.07 0.08 0.00	27.76 0.06 0.00	28.29 0.17 0.00	28.88 0.17 0.00	28.23 0.06 0.00	28.26 -0.03 0.00	26.95 -0.16 0.00	24.87 -0.28 0.00	25.02 -0.28 0.00	24.92 -0.38 0.00	25.29 -0.33 0.00	25.82 -0.31 0.00	28.12 -0.23 0.00	37.35 0.00 0.00	46.92 0.46 -0.55	44.03 0.48 0.00	38.70 0.38 0.00	34.12 0.17 0.00	31.70 0.06 -0.01	29.10 0.12 0.00	28.58 0.11 0.00
CORNELL____ 23752	29.29 0.91 0.00	29.12 0.88 0.00	28.80 0.76 0.00	28.77 0.78 0.00	28.39 0.69 0.00	29.02 0.90 0.00	29.71 1.00 0.00	29.10 0.93 0.00	28.91 0.62 0.00	27.74 0.62 0.00	25.83 0.68 0.00	26.08 0.78 0.00	25.95 0.66 0.00	26.27 0.64 0.00	26.76 0.63 0.00	29.23 0.88 0.00	38.47 1.12 0.00	48.67 1.42 -1.34	44.90 1.35 0.00	39.40 1.07 -0.01	34.93 0.98 0.00	32.44 0.79 -0.03	29.85 0.87 0.00	29.21 0.74 0.00
CORONAAV_69_KV_TB1 355595	36.55 2.19 -5.98	36.11 1.98 -5.88	35.35 1.79 -5.52	35.32 1.68 -5.66	35.89 1.66 -6.53	35.32 1.91 -5.29	36.81 2.18 -5.93	36.95 2.34 -6.44	36.24 2.15 -5.81	35.88 2.09 -6.68	40.31 1.79 -13.38	36.91 1.72 -9.90	39.66 1.85 -12.52	39.66 1.87 -12.16	41.05 1.93 -12.98	42.59 2.49 -11.74	64.19 3.66 -23.18	79.69 4.55 -29.23	74.65 4.27 -26.83	63.54 3.72 -21.51	60.19 3.36 -22.88	54.80 3.07 -20.11	41.85 2.67 -10.20	40.32 2.19 -9.66
CORTLAND_115KV_TB3 80093	28.98 0.60 0.00	28.81 0.56 0.00	28.49 0.45 0.00	28.46 0.48 0.00	28.12 0.42 0.00	28.68 0.56 0.00	29.36 0.66 0.00	28.76 0.59 0.00	28.62 0.34 0.00	27.46 0.35 0.00	25.55 0.40 0.00	25.77 0.48 0.00	25.70 0.40 0.00	26.01 0.38 0.00	26.50 0.37 0.00	28.89 0.54 0.00	38.06 0.71 0.00	47.92 0.87 -1.14	44.37 0.83 0.00	38.97 0.65 -0.01	34.53 0.58 0.00	32.12 0.47 -0.03	29.54 0.55 0.00	28.92 0.46 0.00

COXSACKIE___GT 23611	30.28 1.90 0.00	30.14 1.89 0.00	29.66 1.63 0.00	29.49 1.51 0.00	29.33 1.63 0.00	29.95 1.83 0.00	30.68 1.98 0.00	30.11 1.94 0.00	30.10 1.81 0.00	28.36 1.25 0.00	26.20 1.06 0.00	26.05 0.76 0.00	26.15 0.86 0.00	26.58 0.95 0.00	27.21 1.07 0.00	29.97 1.62 0.00	40.60 3.25 0.00	54.57 3.90 -4.76	47.99 4.44 0.00	42.06 3.72 -0.03	37.04 3.09 0.00	34.29 2.56 -0.11	31.25 2.26 0.00	30.37 1.91 0.00
CPV_VALLEY___CC1 323721	29.37 0.99 0.00	29.24 0.99 0.00	28.80 0.76 0.00	28.63 0.64 0.00	28.34 0.64 0.00	28.96 0.84 0.00	29.71 1.00 0.00	29.33 1.16 0.00	29.56 1.27 0.00	28.03 0.92 0.00	25.90 0.75 0.00	26.00 0.71 0.00	26.10 0.81 0.00	26.45 0.82 0.00	26.99 0.86 0.00	29.57 1.22 0.00	39.29 1.94 0.00	51.82 2.43 -3.47	45.81 2.26 0.00	40.29 1.95 -0.02	35.71 1.76 0.00	33.31 1.61 -0.08	30.35 1.36 0.00	29.58 1.11 0.00
CPV_VALLEY___CC2 323722	29.37 0.99 0.00	29.24 0.99 0.00	28.80 0.76 0.00	28.63 0.64 0.00	28.34 0.64 0.00	28.96 0.84 0.00	29.71 1.00 0.00	29.33 1.16 0.00	29.56 1.27 0.00	28.03 0.92 0.00	25.90 0.75 0.00	26.00 0.71 0.00	26.10 0.81 0.00	26.45 0.82 0.00	26.99 0.86 0.00	29.57 1.22 0.00	39.29 1.94 0.00	51.82 2.43 -3.47	45.81 2.26 0.00	40.29 1.95 -0.02	35.71 1.76 0.00	33.31 1.61 -0.08	30.35 1.36 0.00	29.58 1.11 0.00
CRESCENT___HYD 24018	29.34 0.97 0.00	29.15 0.90 0.00	28.74 0.70 0.00	28.60 0.61 0.00	28.36 0.66 0.00	28.96 0.84 0.00	29.79 1.09 0.00	29.27 1.10 0.00	29.39 1.10 0.00	27.90 0.79 0.00	25.80 0.65 0.00	25.85 0.56 0.00	25.90 0.61 0.00	26.27 0.64 0.00	26.84 0.71 0.00	29.40 1.05 0.00	39.29 1.94 0.00	53.46 2.39 -5.16	45.72 2.18 0.00	40.30 1.95 -0.04	35.65 1.70 0.00	33.32 1.58 -0.12	30.35 1.36 0.00	29.61 1.14 0.00
CRICKET___VALLEY_CC1 323756	29.66 1.28 0.00	29.43 1.19 0.00	28.99 0.95 0.00	28.82 0.84 0.00	28.53 0.83 0.00	29.19 1.07 0.00	30.05 1.35 0.00	29.66 1.49 0.00	29.84 1.55 0.00	28.25 1.14 0.00	26.08 0.93 0.00	26.15 0.86 0.00	26.26 0.96 0.00	26.63 1.00 0.00	27.21 1.07 0.00	29.85 1.50 0.00	39.82 2.46 0.00	53.21 2.98 -4.31	46.29 2.75 0.00	40.76 2.42 -0.03	36.15 2.21 0.00	33.77 2.05 -0.10	30.72 1.74 0.00	29.92 1.45 0.00
CRICKET___VALLEY_CC2 323757	29.66 1.28 0.00	29.43 1.19 0.00	28.99 0.95 0.00	28.82 0.84 0.00	28.53 0.83 0.00	29.19 1.07 0.00	30.05 1.35 0.00	29.66 1.49 0.00	29.84 1.55 0.00	28.25 1.14 0.00	26.08 0.93 0.00	26.15 0.86 0.00	26.26 0.96 0.00	26.63 1.00 0.00	27.21 1.07 0.00	29.85 1.50 0.00	39.82 2.46 0.00	53.21 2.98 -4.31	46.29 2.75 0.00	40.76 2.42 -0.03	36.15 2.21 0.00	33.77 2.05 -0.10	30.72 1.74 0.00	29.92 1.45 0.00
CRICKET___VALLEY_CC3 323758	29.66 1.28 0.00	29.43 1.19 0.00	28.99 0.95 0.00	28.82 0.84 0.00	28.53 0.83 0.00	29.19 1.07 0.00	30.05 1.35 0.00	29.66 1.49 0.00	29.84 1.55 0.00	28.25 1.14 0.00	26.08 0.93 0.00	26.15 0.86 0.00	26.26 0.96 0.00	26.63 1.00 0.00	27.21 1.07 0.00	29.85 1.50 0.00	39.82 2.46 0.00	53.21 2.98 -4.31	46.29 2.75 0.00	40.76 2.42 -0.03	36.15 2.21 0.00	33.77 2.05 -0.10	30.72 1.74 0.00	29.92 1.45 0.00
CRUCIBLE_METL_DRP 24180	28.44 0.06 0.00	28.28 0.03 0.00	28.01 -0.03 0.00	27.95 -0.03 0.00	27.62 -0.08 0.00	28.18 0.06 0.00	28.82 0.11 0.00	28.23 0.06 0.00	28.11 -0.17 0.00	27.00 -0.11 0.00	25.12 -0.03 0.00	25.34 0.05 0.00	25.27 -0.03 0.00	25.58 -0.05 0.00	26.05 -0.08 0.00	28.32 -0.03 0.00	37.24 -0.11 0.00	46.72 -0.05 -0.85	43.42 -0.13 0.00	38.13 -0.19 -0.01	33.81 -0.14 0.00	31.48 -0.16 -0.02	28.96 -0.03 0.00	28.50 0.03 0.00
DAHOWA___HYDRO 323763	29.60 1.22 0.00	29.46 1.21 0.00	29.02 0.98 0.00	28.90 0.92 0.00	28.73 1.03 0.00	29.36 1.24 0.00	30.19 1.49 0.00	29.61 1.44 0.00	29.67 1.39 0.00	28.14 1.03 0.00	26.03 0.88 0.00	26.00 0.71 0.00	26.03 0.73 0.00	26.40 0.77 0.00	26.97 0.84 0.00	29.54 1.19 0.00	39.63 2.28 0.00	54.09 2.94 -5.23	46.29 2.75 0.00	40.81 2.45 -0.04	35.99 2.04 0.00	33.57 1.83 -0.12	30.69 1.71 0.00	29.92 1.45 0.00
DANC___LFGE 323619	28.29 -0.08 0.00	28.16 -0.08 0.00	27.90 -0.14 0.00	27.84 -0.14 0.00	27.53 -0.17 0.00	28.07 -0.06 0.00	28.70 0.00 0.00	28.03 -0.14 0.00	28.09 -0.20 0.00	26.79 -0.32 0.00	24.79 -0.35 0.00	24.94 -0.35 0.00	24.86 -0.43 0.00	25.22 -0.41 0.00	25.71 -0.42 0.00	27.98 -0.37 0.00	37.01 -0.34 0.00	46.49 -0.05 -0.62	43.46 -0.09 0.00	38.20 -0.11 0.00	33.75 -0.20 0.00	31.38 -0.25 -0.01	28.87 -0.12 0.00	28.38 -0.09 0.00
DANSKAMMER___1 23586	29.97 1.59 0.00	29.77 1.52 0.00	29.30 1.26 0.00	29.13 1.15 0.00	28.81 1.11 0.00	29.47 1.35 0.00	30.25 1.55 0.00	29.86 1.69 0.00	30.10 1.81 0.00	28.49 1.38 0.00	26.28 1.13 0.00	26.31 1.01 0.00	26.46 1.16 0.00	26.81 1.18 0.00	27.39 1.25 0.00	30.08 1.73 0.00	40.15 2.80 0.00	53.53 3.54 -4.08	46.94 3.40 0.00	41.25 2.91 -0.03	36.53 2.58 0.00	34.05 2.34 -0.09	30.98 2.00 0.00	30.15 1.68 0.00
DANSKAMMER___2 23589	29.97 1.59 0.00	29.77 1.52 0.00	29.30 1.26 0.00	29.13 1.15 0.00	28.81 1.11 0.00	29.47 1.35 0.00	30.25 1.55 0.00	29.86 1.69 0.00	30.10 1.81 0.00	28.49 1.38 0.00	26.28 1.13 0.00	26.31 1.01 0.00	26.46 1.16 0.00	26.81 1.18 0.00	27.39 1.25 0.00	30.08 1.73 0.00	40.15 2.80 0.00	53.53 3.54 -4.08	46.94 3.40 0.00	41.25 2.91 -0.03	36.53 2.58 0.00	34.05 2.34 -0.09	30.98 2.00 0.00	30.15 1.68 0.00
DANSKAMMER___3 23590	29.97 1.59 0.00	29.77 1.52 0.00	29.30 1.26 0.00	29.13 1.15 0.00	28.81 1.11 0.00	29.47 1.35 0.00	30.25 1.55 0.00	29.86 1.69 0.00	30.10 1.81 0.00	28.49 1.38 0.00	26.28 1.13 0.00	26.31 1.01 0.00	26.46 1.16 0.00	26.81 1.18 0.00	27.39 1.25 0.00	30.08 1.73 0.00	40.15 2.80 0.00	53.53 3.54 -4.08	46.94 3.40 0.00	41.25 2.91 -0.03	36.53 2.58 0.00	34.05 2.34 -0.09	30.98 2.00 0.00	30.15 1.68 0.00
DANSKAMMER___4 23591	29.97 1.59 0.00	29.77 1.52 0.00	29.30 1.26 0.00	29.13 1.15 0.00	28.81 1.11 0.00	29.47 1.35 0.00	30.25 1.55 0.00	29.86 1.69 0.00	30.10 1.81 0.00	28.49 1.38 0.00	26.28 1.13 0.00	26.31 1.01 0.00	26.46 1.16 0.00	26.81 1.18 0.00	27.39 1.25 0.00	30.08 1.73 0.00	40.15 2.80 0.00	53.53 3.54 -4.08	46.94 3.40 0.00	41.25 2.91 -0.03	36.53 2.58 0.00	34.05 2.34 -0.09	30.98 2.00 0.00	30.15 1.68 0.00
DANSKAMMER___DIESEL 23592	29.97 1.59 0.00	29.66 1.41 0.00	29.27 1.23 0.00	29.13 1.15 0.00	28.84 1.14 0.00	29.44 1.32 0.00	30.20 1.49 0.00	29.86 1.69 0.00	29.78 1.50 0.00	28.49 1.38 0.00	26.28 1.13 0.00	26.30 1.01 0.00	26.46 1.16 0.00	26.81 1.18 0.00	27.39 1.25 0.00	30.08 1.73 0.00	40.12 2.76 0.00	53.53 3.54 -4.08	46.94 3.40 0.00	41.22 2.87 -0.03	36.53 2.58 0.00	34.05 2.34 -0.09	30.96 1.97 0.00	30.03 1.57 0.00

DARBY___SOLAR 323810	29.57 1.19 0.00	29.41 1.16 0.00	28.99 0.95 0.00	28.85 0.87 0.00	28.67 0.97 0.00	29.30 1.18 0.00	30.14 1.43 0.00	29.55 1.38 0.00	29.64 1.36 0.00	28.12 1.00 0.00	26.00 0.86 0.00	26.00 0.71 0.00	26.03 0.73 0.00	26.40 0.77 0.00	26.97 0.84 0.00	29.54 1.19 0.00	39.59 2.24 0.00	53.94 2.80 -5.22	46.20 2.66 0.00	40.73 2.38 -0.04	35.95 2.00 0.00	33.54 1.80 -0.12	30.64 1.65 0.00	29.89 1.42 0.00
DASHVILLE___HYD 23610	29.74 1.36 0.00	29.46 1.21 0.00	29.08 1.04 0.00	28.91 0.92 0.00	28.64 0.94 0.00	29.19 1.07 0.00	29.91 1.21 0.00	29.61 1.44 0.00	29.50 1.22 0.00	28.22 1.11 0.00	26.00 0.85 0.00	26.05 0.76 0.00	26.20 0.91 0.00	26.55 0.92 0.00	27.13 0.99 0.00	29.80 1.45 0.00	39.70 2.35 0.00	52.55 2.43 -4.20	46.46 2.92 0.00	40.80 2.45 -0.03	36.16 2.21 0.00	33.74 2.02 -0.09	30.67 1.68 0.00	29.78 1.31 0.00
DEERFIELD_69_KV_DEERFIELD LD 355887	37.40 3.04 -5.98	36.93 2.80 -5.88	36.14 2.58 -5.52	36.08 2.43 -5.66	36.69 2.47 -6.53	36.11 2.70 -5.29	37.76 3.13 -5.93	37.85 3.24 -6.44	37.12 3.03 -5.81	36.64 2.85 -6.68	41.02 2.49 -13.38	37.59 2.40 -9.90	40.31 2.50 -12.52	40.32 2.54 -12.16	41.83 2.72 -12.98	43.58 3.49 -11.74	65.73 5.19 -23.18	81.85 6.70 -29.23	76.69 6.31 -26.83	65.19 5.36 -21.51	61.55 4.72 -22.88	55.97 4.24 -20.11	42.78 3.59 -10.20	41.15 3.02 -9.66
DELAWARE___LFGE 323621	29.49 1.11 0.00	29.32 1.07 0.00	28.96 0.93 0.00	28.88 0.90 0.00	28.64 0.94 0.00	29.19 1.07 0.00	29.82 1.12 0.00	29.30 1.13 0.00	29.22 0.93 0.00	28.01 0.89 0.00	25.93 0.78 0.00	26.10 0.81 0.00	26.10 0.81 0.00	26.42 0.79 0.00	26.97 0.84 0.00	29.51 1.16 0.00	39.11 1.76 0.00	50.10 2.16 -2.03	45.59 2.05 0.00	40.09 1.76 -0.01	35.48 1.53 0.00	33.03 1.36 -0.05	30.23 1.25 0.00	29.46 1.00 0.00
DERFIELD_115KV_TB7 355931	28.46 0.09 0.00	28.33 0.08 0.00	28.09 0.06 0.00	28.04 0.06 0.00	27.75 0.06 0.00	28.21 0.08 0.00	28.79 0.09 0.00	28.26 0.08 0.00	28.37 0.08 0.00	27.17 0.05 0.00	25.17 0.03 0.00	25.32 0.03 0.00	25.32 0.03 0.00	25.65 0.03 0.00	26.19 0.05 0.00	28.44 0.09 0.00	37.58 0.22 0.00	46.30 0.28 -0.11	43.81 0.26 0.00	38.55 0.23 0.00	34.12 0.17 0.00	31.78 0.16 0.00	29.10 0.12 0.00	28.58 0.11 0.00
DOGLEVILLE___HYD 23807	29.17 0.79 0.00	29.01 0.76 0.00	28.77 0.73 0.00	28.71 0.73 0.00	28.42 0.72 0.00	28.91 0.79 0.00	29.54 0.83 0.00	28.93 0.76 0.00	29.08 0.79 0.00	27.82 0.70 0.00	25.78 0.63 0.00	25.90 0.61 0.00	25.90 0.61 0.00	26.24 0.61 0.00	26.76 0.63 0.00	29.06 0.71 0.00	38.36 1.01 0.00	47.26 1.24 -0.11	44.76 1.22 0.00	39.39 1.07 0.00	34.90 0.95 0.00	32.54 0.92 0.00	29.83 0.84 0.00	29.29 0.83 0.00
DUNKIRK___115KV_TB_200 55889	29.32 0.94 0.00	29.18 0.93 0.00	28.60 0.56 0.00	28.68 0.70 0.00	28.17 0.47 0.00	28.85 0.73 0.00	29.74 1.03 0.00	28.17 0.00 0.00	27.52 -0.76 0.00	26.60 -0.52 0.00	25.45 0.30 0.00	25.93 0.63 0.00	25.72 0.43 0.00	25.88 0.26 0.00	26.21 0.08 0.00	28.75 0.40 0.00	36.98 -0.37 0.00	45.82 -1.29 -1.19	42.50 -1.05 0.00	37.17 -1.15 -0.01	32.96 -0.98 0.00	30.57 -1.08 -0.03	28.72 -0.26 0.00	28.04 -0.43 0.00
DUNKIRK___1 23563	29.32 0.94 0.00	29.18 0.93 0.00	28.60 0.56 0.00	28.68 0.70 0.00	28.17 0.47 0.00	28.85 0.73 0.00	29.74 1.03 0.00	28.17 0.00 0.00	27.52 -0.76 0.00	26.60 -0.52 0.00	25.45 0.30 0.00	25.93 0.63 0.00	25.72 0.43 0.00	25.88 0.26 0.00	26.21 0.08 0.00	28.75 0.40 0.00	36.98 -0.37 0.00	45.82 -1.29 -1.19	42.50 -1.05 0.00	37.17 -1.15 -0.01	32.96 -0.98 0.00	30.57 -1.08 -0.03	28.72 -0.26 0.00	28.04 -0.43 0.00
DUNKIRK___2 23564	29.32 0.94 0.00	29.18 0.93 0.00	28.60 0.56 0.00	28.68 0.70 0.00	28.17 0.47 0.00	28.85 0.73 0.00	29.74 1.03 0.00	28.17 0.00 0.00	27.52 -0.76 0.00	26.60 -0.52 0.00	25.45 0.30 0.00	25.93 0.63 0.00	25.72 0.43 0.00	25.88 0.26 0.00	26.21 0.08 0.00	28.75 0.40 0.00	36.98 -0.37 0.00	45.82 -1.29 -1.19	42.50 -1.05 0.00	37.17 -1.15 -0.01	32.96 -0.98 0.00	30.57 -1.08 -0.03	28.72 -0.26 0.00	28.04 -0.43 0.00
DUNKIRK___3 23565	29.15 0.77 0.00	29.01 0.76 0.00	28.46 0.42 0.00	28.54 0.56 0.00	28.00 0.30 0.00	28.68 0.56 0.00	29.56 0.86 0.00	28.06 -0.11 0.00	27.41 -0.88 0.00	26.49 -0.62 0.00	25.35 0.20 0.00	25.82 0.53 0.00	25.62 0.33 0.00	25.76 0.13 0.00	26.08 -0.05 0.00	28.61 0.26 0.00	36.79 -0.56 0.00	45.50 -1.61 -1.19	42.28 -1.26 0.00	36.98 -1.34 -0.01	32.79 -1.15 0.00	30.48 -1.17 -0.03	28.64 -0.35 0.00	27.98 -0.48 0.00
DUNKIRK___4 23566	29.17 0.79 0.00	29.04 0.79 0.00	28.46 0.42 0.00	28.57 0.59 0.00	28.03 0.33 0.00	28.71 0.59 0.00	29.59 0.89 0.00	28.00 -0.17 0.00	27.35 -0.93 0.00	26.43 -0.68 0.00	25.32 0.18 0.00	25.80 0.51 0.00	25.60 0.30 0.00	25.73 0.10 0.00	26.05 -0.08 0.00	28.58 0.23 0.00	36.75 -0.60 0.00	45.49 -1.61 -1.18	42.20 -1.35 0.00	36.94 -1.38 -0.01	32.76 -1.19 0.00	30.42 -1.23 -0.03	28.61 -0.38 0.00	27.95 -0.51 0.00
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	30.03 1.65 0.00	29.72 1.47 0.00	29.33 1.29 0.00	29.16 1.18 0.00	28.86 1.16 0.00	29.53 1.41 0.00	30.37 1.66 0.00	30.06 1.89 0.00	29.98 1.70 0.00	28.74 1.63 0.00	26.50 1.36 0.00	26.58 1.29 0.00	26.74 1.44 0.00	27.09 1.46 0.00	27.65 1.52 0.00	30.34 1.98 0.00	40.38 3.03 0.00	53.74 3.76 -4.06	47.07 3.53 0.00	41.41 3.07 -0.03	36.70 2.75 0.00	34.24 2.53 -0.09	31.16 2.17 0.00	30.20 1.74 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	29.74 1.36 0.00	29.46 1.21 0.00	29.10 1.07 0.00	28.93 0.95 0.00	28.67 0.97 0.00	29.28 1.15 0.00	30.02 1.32 0.00	29.67 1.49 0.00	29.59 1.30 0.00	28.33 1.22 0.00	26.15 1.01 0.00	26.20 0.91 0.00	26.33 1.04 0.00	26.68 1.05 0.00	27.26 1.12 0.00	29.88 1.53 0.00	39.82 2.47 0.00	52.98 3.12 -3.94	46.51 2.96 0.00	40.87 2.53 -0.03	36.22 2.27 0.00	33.80 2.09 -0.09	30.72 1.74 0.00	29.83 1.37 0.00
E179THST_138_KV_TB4_REV_LBMP_J 345001	30.05 1.67 0.00	29.75 1.50 0.00	29.30 1.26 0.00	29.07 1.09 0.00	28.78 1.08 0.00	29.33 1.21 0.00	30.20 1.49 0.00	29.92 1.75 0.00	29.87 1.58 0.00	28.66 1.55 0.00	26.40 1.26 0.00	26.48 1.19 0.00	26.58 1.29 0.00	26.94 1.31 0.00	27.49 1.36 0.00	30.22 1.87 0.00	40.19 2.84 0.00	53.56 3.58 -4.06	46.90 3.35 0.00	41.22 2.87 -0.03	36.53 2.58 0.00	34.15 2.43 -0.09	31.04 2.06 0.00	30.15 1.68 0.00
E179THST_13_KV_LOAD 356214	30.20 1.82 0.00	29.86 1.61 0.00	29.41 1.37 0.00	29.19 1.20 0.00	28.86 1.16 0.00	29.44 1.32 0.00	30.31 1.61 0.00	30.03 1.86 0.00	29.98 1.70 0.00	28.77 1.65 0.00	26.53 1.38 0.00	26.58 1.29 0.00	26.71 1.42 0.00	27.06 1.44 0.00	27.60 1.46 0.00	30.36 2.01 0.00	40.34 2.99 0.00	53.79 3.81 -4.06	47.16 3.61 0.00	41.41 3.07 -0.03	36.66 2.72 0.00	34.27 2.56 -0.09	31.19 2.20 0.00	30.29 1.82 0.00

EAST HAMPTON___GT 23717	37.74 3.38 -5.99	37.36 3.22 -5.89	36.48 2.92 -5.53	36.40 2.74 -5.67	37.03 2.80 -6.53	36.46 3.04 -5.30	38.08 3.44 -5.94	38.19 3.58 -6.44	37.81 3.70 -5.82	36.97 3.17 -6.69	41.33 2.79 -13.39	37.91 2.71 -9.91	40.63 2.81 -12.52	40.61 2.82 -12.16	42.15 3.03 -12.99	44.01 3.91 -11.75	66.29 5.75 -23.19	82.55 7.39 -29.24	77.35 6.97 -26.84	65.77 5.94 -21.52	62.03 5.19 -22.89	56.39 4.65 -20.12	43.16 3.97 -10.21	41.58 3.44 -9.67
EAST RIVER___6 23660	29.91 1.53 0.00	29.69 1.44 0.00	29.19 1.15 0.00	28.96 0.98 0.00	28.67 0.97 0.00	29.36 1.24 0.00	30.25 1.55 0.00	29.92 1.75 0.00	30.23 1.95 0.00	28.68 1.57 0.00	26.45 1.31 0.00	26.51 1.21 0.00	26.63 1.34 0.00	27.01 1.38 0.00	27.54 1.41 0.00	30.28 1.93 0.00	40.27 2.92 0.00	53.12 3.58 -3.62	46.52 3.35 0.38	40.88 2.91 0.35	36.47 2.58 0.05	34.09 2.37 -0.09	31.07 2.09 0.00	30.17 1.71 0.00
EAST RIVER___7 23524	29.91 1.53 0.00	29.69 1.44 0.00	29.19 1.15 0.00	28.96 0.98 0.00	28.67 0.97 0.00	29.36 1.24 0.00	30.25 1.55 0.00	29.92 1.75 0.00	30.23 1.95 0.00	28.68 1.57 0.00	26.45 1.31 0.00	26.51 1.21 0.00	26.63 1.34 0.00	27.01 1.38 0.00	27.54 1.41 0.00	30.28 1.93 0.00	40.27 2.92 0.00	53.12 3.58 -3.62	46.52 3.35 0.38	40.88 2.91 0.35	36.47 2.58 0.05	34.09 2.37 -0.09	31.07 2.09 0.00	30.17 1.71 0.00
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	29.94 1.56 0.00	29.63 1.38 0.00	29.24 1.21 0.00	29.07 1.09 0.00	28.81 1.11 0.00	29.44 1.32 0.00	30.28 1.58 0.00	29.95 1.77 0.00	29.87 1.58 0.00	28.63 1.52 0.00	26.43 1.28 0.00	26.51 1.21 0.00	26.63 1.34 0.00	26.99 1.36 0.00	27.54 1.41 0.00	30.22 1.87 0.00	40.23 2.88 0.00	53.55 3.58 -4.06	46.90 3.35 0.00	41.26 2.91 -0.03	36.56 2.61 0.00	34.12 2.40 -0.09	31.04 2.06 0.00	30.09 1.62 0.00
EAST_HAMPTON___DIESEL 23722	37.74 3.38 -5.99	37.38 3.25 -5.89	36.48 2.92 -5.53	36.40 2.74 -5.67	37.03 2.80 -6.53	36.46 3.04 -5.30	38.11 3.47 -5.94	38.19 3.58 -6.44	37.81 3.70 -5.82	36.97 3.17 -6.69	41.33 2.79 -13.39	37.91 2.71 -9.91	40.63 2.81 -12.52	40.61 2.82 -12.16	42.18 3.06 -12.99	44.01 3.91 -11.75	66.33 5.79 -23.19	82.55 7.39 -29.24	77.35 6.97 -26.84	65.77 5.94 -21.52	62.03 5.19 -22.89	56.39 4.65 -20.12	43.16 3.97 -10.21	41.58 3.44 -9.67
EAST_PULASKI___ESR 323781	28.15 -0.23 0.00	27.99 -0.25 0.00	27.73 -0.31 0.00	27.70 -0.28 0.00	27.37 -0.33 0.00	27.93 -0.20 0.00	28.53 -0.17 0.00	27.89 -0.28 0.00	27.83 -0.45 0.00	26.68 -0.43 0.00	24.77 -0.38 0.00	24.94 -0.35 0.00	24.86 -0.43 0.00	25.22 -0.41 0.00	25.69 -0.44 0.00	27.90 -0.45 0.00	36.83 -0.52 0.00	46.14 -0.46 -0.69	43.07 -0.48 0.00	37.86 -0.46 0.00	33.51 -0.44 0.00	31.19 -0.44 -0.02	28.69 -0.29 0.00	28.24 -0.23 0.00
EAST_RIVER___1 323558	30.05 1.67 0.00	29.86 1.61 0.00	29.36 1.32 0.00	29.16 1.18 0.00	28.83 1.14 0.00	29.53 1.41 0.00	30.42 1.72 0.00	30.09 1.92 0.00	30.38 2.09 0.00	28.79 1.68 0.00	26.55 1.41 0.00	26.63 1.34 0.00	26.76 1.47 0.00	27.11 1.49 0.00	27.67 1.54 0.00	30.39 2.04 0.00	40.45 3.10 0.00	53.34 3.81 -3.62	46.74 3.57 0.38	41.07 3.10 0.35	36.68 2.78 0.05	34.27 2.56 -0.09	31.22 2.23 0.00	30.35 1.88 0.00
EAST_RIVER___2 323559	29.91 1.53 0.00	29.69 1.44 0.00	29.19 1.15 0.00	28.96 0.98 0.00	28.67 0.97 0.00	29.36 1.24 0.00	30.25 1.55 0.00	29.92 1.75 0.00	30.23 1.95 0.00	28.68 1.57 0.00	26.45 1.31 0.00	26.51 1.21 0.00	26.63 1.34 0.00	27.01 1.38 0.00	27.54 1.41 0.00	30.28 1.93 0.00	40.27 2.92 0.00	53.12 3.58 -3.62	46.52 3.35 0.38	40.88 2.91 0.35	36.47 2.58 0.05	34.09 2.37 -0.09	31.07 2.09 0.00	30.17 1.71 0.00
EAST___DELAWARE_HYD 23607	29.46 1.08 0.00	29.29 1.05 0.00	28.82 0.78 0.00	28.65 0.67 0.00	28.34 0.64 0.00	28.96 0.84 0.00	29.65 0.95 0.00	29.30 1.13 0.00	29.53 1.24 0.00	27.95 0.84 0.00	25.75 0.60 0.00	25.77 0.48 0.00	25.93 0.63 0.00	26.24 0.61 0.00	26.84 0.71 0.00	29.49 1.14 0.00	39.37 2.02 0.00	52.14 2.62 -3.61	46.11 2.57 0.00	40.48 2.14 -0.03	35.81 1.87 0.00	33.38 1.67 -0.08	30.38 1.39 0.00	29.58 1.11 0.00
EIGHT_POINT___WT_PWR 323820	29.63 1.25 0.00	29.52 1.27 0.00	29.10 1.07 0.00	29.07 1.09 0.00	28.78 1.08 0.00	29.28 1.15 0.00	30.31 1.61 0.00	28.99 0.82 0.00	28.91 0.62 0.00	27.41 0.30 0.00	25.95 0.80 0.00	26.38 1.09 0.00	26.13 0.83 0.00	26.34 0.72 0.00	26.73 0.60 0.00	29.32 0.96 0.00	37.80 0.45 0.00	47.52 0.28 -1.33	43.89 0.35 0.00	38.29 -0.04 -0.01	34.12 0.17 0.00	31.59 -0.06 -0.03	29.53 0.55 0.00	28.87 0.40 0.00
ELBRIDGE_115KV_TB2 80188	28.32 -0.06 0.00	28.16 -0.08 0.00	27.87 -0.17 0.00	27.87 -0.11 0.00	27.51 -0.19 0.00	28.07 -0.06 0.00	28.73 0.03 0.00	28.09 -0.08 0.00	27.95 -0.34 0.00	26.84 -0.27 0.00	25.00 -0.15 0.00	25.22 -0.08 0.00	25.14 -0.15 0.00	25.47 -0.15 0.00	25.92 -0.21 0.00	28.18 -0.17 0.00	37.09 -0.26 0.00	46.52 -0.28 -0.88	43.15 -0.39 0.00	37.94 -0.38 -0.01	33.64 -0.31 0.00	31.29 -0.35 -0.02	28.81 -0.17 0.00	28.35 -0.11 0.00
ELEC_TRO_TEK 24086	36.40 2.04 -5.98	35.99 1.86 -5.88	35.21 1.65 -5.52	35.19 1.54 -5.66	35.78 1.55 -6.53	35.18 1.77 -5.29	36.67 2.04 -5.93	36.83 2.23 -6.44	36.13 2.04 -5.81	35.75 1.95 -6.68	40.21 1.68 -13.38	36.81 1.62 -9.90	39.56 1.75 -12.52	39.55 1.77 -12.16	40.94 1.83 -12.98	42.45 2.35 -11.74	64.01 3.47 -23.18	79.46 4.32 -29.23	74.43 4.05 -26.83	63.35 3.52 -21.51	59.99 3.16 -22.88	54.68 2.94 -20.11	41.70 2.52 -10.20	40.21 2.08 -9.66
ELLENBURG_WT_PWR 323604	29.06 0.68 0.00	28.92 0.68 0.00	28.88 0.84 0.00	28.88 0.90 0.00	28.56 0.86 0.00	28.85 0.73 0.00	29.36 0.66 0.00	28.93 0.76 0.00	28.99 0.71 0.00	28.00 0.89 0.00	25.90 0.75 0.00	26.13 0.83 0.00	26.10 0.81 0.00	26.42 0.80 0.00	26.94 0.81 0.00	28.97 0.62 0.00	38.02 0.67 0.00	46.92 1.01 0.00	44.63 1.09 0.00	39.39 1.07 0.00	34.83 0.88 0.00	32.48 0.85 0.00	29.62 0.64 0.00	29.12 0.66 0.00
ELM_ST_23_KV_LD_REV_LBMP_A 345012	28.69 0.31 0.00	28.59 0.34 0.00	28.01 -0.03 0.00	28.12 0.14 0.00	27.59 -0.11 0.00	28.26 0.14 0.00	29.13 0.43 0.00	27.50 -0.68 0.00	26.81 -1.47 0.00	25.92 -1.19 0.00	24.87 -0.28 0.00	25.32 0.03 0.00	25.12 -0.18 0.00	25.30 -0.33 0.00	25.61 -0.52 0.00	28.04 -0.31 0.00	35.97 -1.38 0.00	44.55 -2.53 -1.16	41.24 -2.31 0.00	36.14 -2.18 -0.01	32.05 -1.90 0.00	29.81 -1.83 -0.03	28.14 -0.84 0.00	27.61 -0.85 0.00
EMPIRE_CC_1 323656	29.12 0.74 0.00	28.92 0.68 0.00	28.51 0.48 0.00	28.37 0.39 0.00	28.12 0.42 0.00	28.71 0.59 0.00	29.54 0.83 0.00	28.93 0.76 0.00	29.05 0.76 0.00	27.54 0.43 0.00	25.47 0.33 0.00	25.55 0.25 0.00	25.60 0.30 0.00	25.99 0.36 0.00	26.55 0.42 0.00	29.09 0.74 0.00	38.81 1.46 0.00	52.54 1.74 -4.88	45.16 1.61 0.00	39.77 1.42 -0.03	35.24 1.29 0.00	33.09 1.36 -0.11	30.09 1.10 0.00	29.35 0.88 0.00

EMPIRE_CC_2 323658	29.12 0.74 0.00	28.92 0.68 0.00	28.51 0.48 0.00	28.37 0.39 0.00	28.12 0.42 0.00	28.71 0.59 0.00	29.54 0.83 0.00	28.93 0.76 0.00	29.05 0.76 0.00	27.54 0.43 0.00	25.47 0.33 0.00	25.55 0.25 0.00	25.60 0.30 0.00	25.99 0.36 0.00	26.55 0.42 0.00	29.09 0.74 0.00	38.81 1.46 0.00	52.54 1.74 -4.88	45.16 1.61 0.00	39.77 1.42 -0.03	35.24 1.29 0.00	33.09 1.36 -0.11	30.09 1.10 0.00	29.35 0.88 0.00
ENORWICH_115KV_TB1 80156	31.10 2.72 0.00	30.93 2.68 0.00	30.56 2.52 0.00	30.56 2.57 0.00	30.14 2.44 0.00	30.91 2.78 0.00	31.54 2.84 0.00	30.85 2.68 0.00	30.60 2.32 0.00	29.28 2.17 0.00	27.13 1.99 0.00	27.39 2.10 0.00	27.24 1.95 0.00	27.58 1.95 0.00	28.15 2.01 0.00	30.99 2.64 0.00	41.01 3.66 0.00	52.33 4.78 -1.64	48.12 4.57 0.00	42.23 3.91 -0.01	37.24 3.29 0.00	34.47 2.81 -0.04	31.74 2.75 0.00	30.89 2.42 0.00
ERIE_ST__34_KV_TB1-2 80199	29.00 0.62 0.00	28.84 0.59 0.00	28.29 0.25 0.00	28.37 0.39 0.00	27.84 0.14 0.00	28.52 0.39 0.00	29.42 0.72 0.00	27.89 -0.28 0.00	27.21 -1.07 0.00	26.33 -0.79 0.00	25.20 0.05 0.00	25.67 0.38 0.00	25.47 0.18 0.00	25.63 0.00 0.00	25.95 -0.18 0.00	28.46 0.11 0.00	36.60 -0.75 0.00	44.70 -2.39 -1.17	42.07 -1.48 0.00	36.79 -1.53 -0.01	32.66 -1.29 0.00	30.35 -1.30 -0.03	28.58 -0.41 0.00	27.90 -0.57 0.00
ERIE_WT_PWR 323693	28.92 0.54 0.00	28.84 0.59 0.00	28.35 0.31 0.00	28.34 0.36 0.00	28.12 0.42 0.00	28.49 0.36 0.00	29.62 0.92 0.00	27.72 -0.45 0.00	27.58 -0.71 0.00	26.16 -0.95 0.00	25.07 -0.08 0.00	25.52 0.23 0.00	25.34 0.05 0.00	25.50 -0.13 0.00	25.82 -0.31 0.00	28.29 -0.06 0.00	36.15 -1.20 0.00	44.93 -2.16 -1.17	41.63 -1.92 0.00	36.22 -2.11 -0.01	32.25 -1.70 0.00	30.04 -1.61 -0.03	28.37 -0.61 0.00	27.90 -0.57 0.00
ESPRGFLD_115KV_TB1 80157	29.94 1.56 0.00	29.80 1.55 0.00	29.44 1.40 0.00	29.38 1.40 0.00	29.14 1.44 0.00	29.75 1.63 0.00	30.45 1.75 0.00	29.89 1.72 0.00	29.78 1.50 0.00	28.49 1.38 0.00	26.33 1.18 0.00	26.51 1.21 0.00	26.48 1.19 0.00	26.83 1.20 0.00	27.39 1.25 0.00	30.08 1.73 0.00	40.04 2.69 0.00	48.95 3.49 0.45	46.94 3.40 0.00	41.22 2.91 0.00	36.39 2.44 0.00	33.70 2.09 0.01	30.84 1.86 0.00	29.98 1.51 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	29.23 0.85 0.00	29.07 0.82 0.00	28.74 0.70 0.00	28.74 0.76 0.00	28.36 0.66 0.00	28.97 0.84 0.00	29.65 0.95 0.00	29.05 0.87 0.00	28.85 0.57 0.00	27.68 0.57 0.00	25.78 0.63 0.00	26.00 0.71 0.00	25.90 0.61 0.00	26.22 0.59 0.00	26.71 0.57 0.00	29.17 0.82 0.00	38.40 1.05 0.00	48.58 1.33 -1.33	44.81 1.26 0.00	39.36 1.03 -0.01	34.87 0.92 0.00	32.38 0.73 -0.03	29.80 0.81 0.00	29.18 0.71 0.00
ETNA_____115KV_TB2 80207	29.23 0.85 0.00	29.07 0.82 0.00	28.74 0.70 0.00	28.74 0.76 0.00	28.36 0.66 0.00	28.97 0.84 0.00	29.65 0.95 0.00	29.05 0.87 0.00	28.85 0.57 0.00	27.68 0.57 0.00	25.78 0.63 0.00	26.00 0.71 0.00	25.90 0.61 0.00	26.22 0.59 0.00	26.71 0.57 0.00	29.17 0.82 0.00	38.40 1.05 0.00	48.58 1.33 -1.33	44.81 1.26 0.00	39.36 1.03 -0.01	34.87 0.92 0.00	32.38 0.73 -0.03	29.80 0.81 0.00	29.18 0.71 0.00
EUCLID___115KV_TB2 356179	28.10 -0.28 0.00	27.94 -0.31 0.00	27.65 -0.39 0.00	27.62 -0.36 0.00	27.28 -0.42 0.00	27.81 -0.31 0.00	28.47 -0.23 0.00	27.83 -0.34 0.00	27.75 -0.54 0.00	26.65 -0.46 0.00	24.79 -0.35 0.00	24.99 -0.30 0.00	24.94 -0.35 0.00	25.27 -0.36 0.00	25.74 -0.39 0.00	27.95 -0.40 0.00	36.75 -0.60 0.00	46.01 -0.69 -0.78	42.76 -0.78 0.00	37.63 -0.69 -0.01	33.34 -0.61 0.00	31.04 -0.60 -0.02	28.58 -0.41 0.00	28.15 -0.31 0.00
E_CANADA_CAP_HY 24051	29.94 1.56 0.00	29.86 1.61 0.00	29.47 1.43 0.00	29.35 1.37 0.00	29.17 1.47 0.00	29.84 1.72 0.00	30.63 1.92 0.00	30.03 1.86 0.00	30.12 1.84 0.00	28.52 1.41 0.00	26.33 1.18 0.00	26.46 1.16 0.00	26.46 1.16 0.00	26.83 1.20 0.00	27.44 1.31 0.00	30.19 1.84 0.00	40.42 3.06 0.00	56.52 4.08 -6.52	47.51 3.96 0.00	41.81 3.45 -0.05	36.76 2.82 0.00	34.17 2.40 -0.15	31.10 2.11 0.00	30.20 1.74 0.00
E_CANADA_MHWK_HY 24050	29.17 0.79 0.00	29.01 0.76 0.00	28.77 0.73 0.00	28.71 0.73 0.00	28.42 0.72 0.00	28.91 0.79 0.00	29.54 0.83 0.00	28.93 0.76 0.00	29.08 0.79 0.00	27.82 0.70 0.00	25.78 0.63 0.00	25.90 0.61 0.00	25.90 0.61 0.00	26.24 0.61 0.00	26.76 0.63 0.00	29.06 0.71 0.00	38.36 1.01 0.00	47.26 1.24 -0.11	44.76 1.22 0.00	39.39 1.07 0.00	34.90 0.95 0.00	32.54 0.92 0.00	29.83 0.84 0.00	29.29 0.83 0.00
E_FISHKILL___LBMP 23776	29.71 1.33 0.00	29.41 1.16 0.00	29.05 1.01 0.00	28.88 0.90 0.00	28.61 0.91 0.00	29.22 1.10 0.00	30.02 1.32 0.00	29.67 1.49 0.00	29.59 1.30 0.00	28.33 1.22 0.00	26.18 1.03 0.00	26.25 0.96 0.00	26.36 1.06 0.00	26.70 1.08 0.00	27.28 1.15 0.00	29.91 1.56 0.00	39.82 2.47 0.00	53.18 3.08 -4.19	46.42 2.87 0.00	40.84 2.49 -0.03	36.19 2.24 0.00	33.80 2.09 -0.09	30.75 1.77 0.00	29.83 1.37 0.00
FALCON___SEABRD_CC1 323796	29.40 1.02 0.00	29.29 1.05 0.00	29.24 1.20 0.00	29.21 1.23 0.00	28.89 1.19 0.00	29.19 1.07 0.00	29.73 1.03 0.00	29.30 1.13 0.00	29.33 1.05 0.00	28.33 1.22 0.00	26.23 1.08 0.00	26.46 1.16 0.00	26.41 1.11 0.00	26.75 1.13 0.00	27.26 1.12 0.00	29.32 0.96 0.00	38.51 1.16 0.00	47.52 1.61 0.00	45.24 1.70 0.00	39.92 1.61 0.00	35.31 1.36 0.00	32.92 1.30 0.00	30.03 1.04 0.00	29.49 1.02 0.00
FALCON___SEABRD_CC2 323797	29.40 1.02 0.00	29.29 1.05 0.00	29.24 1.20 0.00	29.21 1.23 0.00	28.89 1.19 0.00	29.19 1.07 0.00	29.73 1.03 0.00	29.30 1.13 0.00	29.33 1.05 0.00	28.33 1.22 0.00	26.23 1.08 0.00	26.46 1.16 0.00	26.41 1.11 0.00	26.75 1.13 0.00	27.26 1.12 0.00	29.32 0.96 0.00	38.51 1.16 0.00	47.52 1.61 0.00	45.24 1.70 0.00	39.92 1.61 0.00	35.31 1.36 0.00	32.92 1.30 0.00	30.03 1.04 0.00	29.49 1.02 0.00
FAR ROCKAWAY___4 23548	36.75 2.38 -5.98	36.30 2.18 -5.88	35.52 1.96 -5.52	35.49 1.85 -5.66	36.08 1.86 -6.53	35.49 2.08 -5.29	37.01 2.38 -5.93	37.14 2.54 -6.44	36.44 2.35 -5.81	36.07 2.28 -6.68	40.49 1.96 -13.38	37.06 1.87 -9.90	39.81 2.00 -12.52	39.81 2.02 -12.16	41.23 2.12 -12.98	42.81 2.72 -11.74	64.38 3.85 -23.18	79.92 4.78 -29.23	74.91 4.53 -26.83	63.77 3.95 -21.51	60.40 3.56 -22.88	54.99 3.26 -20.11	42.08 2.90 -10.20	40.55 2.42 -9.66
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	30.11 1.73 0.00	29.80 1.55 0.00	29.38 1.35 0.00	29.19 1.20 0.00	28.89 1.19 0.00	29.56 1.43 0.00	30.42 1.72 0.00	30.12 1.94 0.00	30.09 1.81 0.00	28.85 1.74 0.00	26.61 1.46 0.00	26.68 1.39 0.00	26.81 1.52 0.00	27.17 1.54 0.00	27.73 1.59 0.00	30.42 2.07 0.00	40.45 3.10 0.00	53.83 3.86 -4.06	47.16 3.61 0.00	41.45 3.10 -0.03	36.77 2.82 0.00	34.34 2.62 -0.09	31.22 2.23 0.00	30.23 1.76 0.00

FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	30.11 1.73 0.00	29.77 1.53 0.00	29.38 1.35 0.00	29.19 1.20 0.00	28.89 1.19 0.00	29.56 1.43 0.00	30.42 1.72 0.00	30.12 1.94 0.00	30.07 1.78 0.00	28.85 1.74 0.00	26.61 1.46 0.00	26.68 1.39 0.00	26.79 1.49 0.00	27.17 1.54 0.00	27.70 1.57 0.00	30.42 2.07 0.00	40.45 3.10 0.00	53.83 3.86 -4.06	47.20 3.66 0.00	41.45 3.10 -0.03	36.77 2.82 0.00	34.34 2.62 -0.09	31.25 2.26 0.00	30.26 1.79 0.00
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	30.08 1.70 0.00	29.77 1.53 0.00	29.36 1.32 0.00	29.16 1.18 0.00	28.86 1.16 0.00	29.53 1.41 0.00	30.40 1.69 0.00	30.09 1.92 0.00	30.04 1.75 0.00	28.82 1.71 0.00	26.58 1.43 0.00	26.66 1.37 0.00	26.76 1.47 0.00	27.14 1.51 0.00	27.68 1.54 0.00	30.39 2.04 0.00	40.45 3.10 0.00	53.79 3.81 -4.06	47.16 3.61 0.00	41.41 3.07 -0.03	36.77 2.82 0.00	34.31 2.59 -0.09	31.22 2.23 0.00	30.23 1.76 0.00
FARRAGUT___LBMP 323566	30.05 1.67 0.00	29.75 1.50 0.00	29.33 1.29 0.00	29.16 1.18 0.00	28.86 1.16 0.00	29.53 1.41 0.00	30.40 1.69 0.00	30.09 1.92 0.00	30.04 1.75 0.00	28.79 1.68 0.00	26.56 1.41 0.00	26.63 1.34 0.00	26.76 1.47 0.00	27.11 1.49 0.00	27.68 1.54 0.00	30.36 2.01 0.00	40.41 3.06 0.00	53.74 3.76 -4.06	47.12 3.57 0.00	41.41 3.07 -0.03	36.73 2.78 0.00	34.31 2.59 -0.09	31.19 2.20 0.00	30.20 1.74 0.00
FENNER___WINDPWR 24204	29.09 0.71 0.00	28.95 0.71 0.00	28.68 0.65 0.00	28.63 0.64 0.00	28.31 0.61 0.00	28.85 0.73 0.00	29.51 0.80 0.00	28.88 0.70 0.00	28.96 0.68 0.00	27.65 0.54 0.00	25.65 0.50 0.00	25.85 0.56 0.00	25.77 0.48 0.00	26.11 0.49 0.00	26.63 0.50 0.00	29.00 0.65 0.00	38.21 0.86 0.00	47.87 1.15 -0.81	44.63 1.09 0.00	39.20 0.88 -0.01	34.69 0.75 0.00	32.24 0.60 -0.02	29.62 0.64 0.00	29.12 0.66 0.00
FIBERTEK___ENERGY 23856	28.44 0.06 0.00	28.28 0.03 0.00	28.01 -0.03 0.00	27.95 -0.03 0.00	27.62 -0.08 0.00	28.18 0.06 0.00	28.82 0.11 0.00	28.23 0.06 0.00	28.11 -0.17 0.00	27.00 -0.11 0.00	25.12 -0.03 0.00	25.34 0.05 0.00	25.27 -0.03 0.00	25.58 -0.05 0.00	26.05 -0.08 0.00	28.32 -0.03 0.00	37.24 -0.11 0.00	46.72 -0.05 -0.85	43.42 -0.13 0.00	38.13 -0.19 -0.01	33.81 -0.14 0.00	31.48 -0.16 -0.02	28.96 -0.03 0.00	28.50 0.03 0.00
FITZPATRICK____ 23598	27.67 -0.71 0.00	27.54 -0.71 0.00	27.28 -0.76 0.00	27.23 -0.75 0.00	26.95 -0.75 0.00	27.42 -0.70 0.00	28.07 -0.63 0.00	27.38 -0.79 0.00	27.44 -0.85 0.00	26.24 -0.87 0.00	24.42 -0.73 0.00	24.58 -0.71 0.00	24.56 -0.73 0.00	24.86 -0.77 0.00	25.32 -0.81 0.00	27.47 -0.88 0.00	36.12 -1.23 0.00	45.11 -1.42 -0.62	42.07 -1.48 0.00	36.98 -1.34 0.00	32.79 -1.15 0.00	30.56 -1.08 -0.01	28.12 -0.87 0.00	27.78 -0.68 0.00
FLOWRFLD_69_KV_BK1 356044	36.72 2.36 -5.98	36.28 2.15 -5.88	35.49 1.93 -5.52	35.46 1.82 -5.66	36.05 1.83 -6.53	35.49 2.08 -5.29	37.04 2.41 -5.93	37.17 2.56 -6.44	36.47 2.38 -5.81	36.05 2.25 -6.68	40.51 1.99 -13.38	37.11 1.92 -9.90	39.86 2.05 -12.52	39.86 2.08 -12.16	41.31 2.20 -12.98	42.87 2.78 -11.74	64.68 4.15 -23.18	80.43 5.28 -29.23	75.34 4.96 -26.83	64.04 4.21 -21.51	60.57 3.73 -22.88	55.12 3.38 -20.11	42.11 2.93 -10.20	40.58 2.45 -9.66
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	30.00 1.62 0.00	29.72 1.47 0.00	29.33 1.29 0.00	29.16 1.18 0.00	28.89 1.19 0.00	29.50 1.38 0.00	30.25 1.55 0.00	29.92 1.75 0.00	29.81 1.53 0.00	28.52 1.41 0.00	26.30 1.16 0.00	26.33 1.04 0.00	26.48 1.19 0.00	26.83 1.20 0.00	27.41 1.28 0.00	30.11 1.76 0.00	40.19 2.84 0.00	53.64 3.63 -4.10	47.03 3.48 0.00	41.29 2.95 -0.03	36.60 2.65 0.00	34.12 2.40 -0.09	30.98 2.00 0.00	30.09 1.62 0.00
FORT ORANGE____ 23900	29.09 0.71 0.00	28.92 0.68 0.00	28.54 0.51 0.00	28.40 0.42 0.00	28.17 0.47 0.00	28.77 0.65 0.00	29.56 0.86 0.00	29.05 0.87 0.00	29.13 0.85 0.00	27.65 0.54 0.00	25.62 0.48 0.00	25.65 0.35 0.00	25.70 0.40 0.00	26.09 0.46 0.00	26.66 0.52 0.00	29.17 0.82 0.00	38.99 1.64 0.00	52.92 1.97 -5.04	45.51 1.96 0.00	40.08 1.73 -0.04	35.44 1.49 0.00	33.09 1.36 -0.11	30.11 1.13 0.00	29.35 0.88 0.00
FORT_DRUM_COGEN 23780	28.58 0.20 0.00	28.39 0.14 0.00	28.15 0.11 0.00	28.12 0.14 0.00	27.78 0.08 0.00	28.38 0.25 0.00	28.90 0.20 0.00	28.28 0.11 0.00	28.26 -0.03 0.00	26.98 -0.14 0.00	24.90 -0.25 0.00	25.04 -0.25 0.00	24.94 -0.35 0.00	25.30 -0.33 0.00	25.85 -0.29 0.00	28.18 -0.17 0.00	37.43 0.07 0.00	47.04 0.60 -0.52	44.20 0.65 0.00	38.89 0.57 0.00	34.25 0.31 0.00	31.79 0.16 -0.01	29.19 0.20 0.00	28.61 0.14 0.00
FOX_HILLS___ESR 323835	30.40 2.01 -0.01	30.06 1.81 0.00	29.61 1.57 0.00	29.38 1.40 0.00	29.08 1.38 0.00	29.70 1.57 0.00	30.54 1.84 0.00	30.20 2.03 0.00	30.15 1.87 0.00	28.96 1.84 0.00	26.66 1.51 0.00	26.71 1.42 0.00	26.84 1.54 0.00	27.22 1.59 0.00	27.75 1.62 0.00	30.56 2.21 0.00	40.49 3.14 0.00	53.97 3.99 -4.06	47.33 3.79 0.00	41.56 3.22 -0.03	36.83 2.89 0.00	34.60 2.88 -0.10	31.49 2.49 -0.01	30.52 2.05 -0.01
FPL_FAR_ROCK_GT1 24212	36.75 2.38 -5.99	36.42 2.29 -5.89	35.56 1.99 -5.53	35.50 1.85 -5.67	36.06 1.83 -6.53	35.53 2.11 -5.30	37.05 2.41 -5.94	37.15 2.54 -6.44	36.79 2.69 -5.82	36.08 2.28 -6.69	40.50 1.96 -13.39	37.07 1.87 -9.91	39.82 2.00 -12.52	39.82 2.02 -12.16	41.24 2.12 -12.99	42.82 2.72 -11.75	64.43 3.88 -23.19	79.93 4.77 -29.24	74.91 4.53 -26.84	63.78 3.95 -21.52	60.40 3.56 -22.89	54.97 3.23 -20.12	42.12 2.93 -10.21	40.67 2.53 -9.67
FPL_FAR_ROCK_GT2 23815	36.75 2.38 -5.99	36.42 2.29 -5.89	35.56 1.99 -5.53	35.50 1.85 -5.67	36.06 1.83 -6.53	35.53 2.11 -5.30	37.05 2.41 -5.94	37.15 2.54 -6.44	36.79 2.69 -5.82	36.08 2.28 -6.69	40.50 1.96 -13.39	37.07 1.87 -9.91	39.82 2.00 -12.52	39.82 2.02 -12.16	41.24 2.12 -12.99	42.82 2.72 -11.75	64.43 3.88 -23.19	79.93 4.77 -29.24	74.91 4.53 -26.84	63.78 3.95 -21.52	60.40 3.56 -22.89	54.97 3.23 -20.12	42.12 2.93 -10.21	40.67 2.53 -9.67
FRANKLIN_FALL_HYD 24054	29.15 0.77 0.00	29.12 0.88 0.00	29.02 0.98 0.00	28.99 1.01 0.00	28.61 0.91 0.00	28.97 0.84 0.00	29.54 0.83 0.00	29.07 0.90 0.00	29.44 1.16 0.00	28.17 1.06 0.00	26.05 0.91 0.00	26.25 0.96 0.00	26.23 0.94 0.00	26.55 0.92 0.00	27.05 0.91 0.00	29.03 0.68 0.00	38.14 0.78 0.00	47.15 1.24 0.00	44.85 1.31 0.00	39.58 1.26 0.00	34.97 1.02 0.00	32.67 1.04 0.00	29.77 0.78 0.00	29.35 0.88 0.00
FREEPORT_EQUS_GT1 23764	36.55 2.19 -5.99	36.26 2.12 -5.89	35.39 1.82 -5.53	35.33 1.68 -5.67	35.89 1.66 -6.53	35.36 1.94 -5.30	36.88 2.24 -5.94	37.01 2.39 -6.44	36.65 2.55 -5.82	35.89 2.09 -6.69	40.32 1.79 -13.39	36.92 1.72 -9.91	39.66 1.85 -12.52	39.66 1.87 -12.16	41.06 1.93 -12.99	42.62 2.52 -11.75	64.16 3.62 -23.19	79.43 4.27 -29.24	74.44 4.05 -26.84	63.32 3.49 -21.52	59.96 3.12 -22.89	54.84 3.10 -20.12	41.89 2.70 -10.21	40.47 2.33 -9.67

FREEPORT___CT2 23818	36.55 2.19 -5.99	36.26 2.12 -5.89	35.39 1.82 -5.53	35.33 1.68 -5.67	35.89 1.66 -6.53	35.36 1.94 -5.30	36.88 2.24 -5.94	37.01 2.39 -6.44	36.65 2.55 -5.82	35.89 2.09 -6.69	40.32 1.79 -13.39	36.92 1.72 -9.91	39.66 1.85 -12.52	39.66 1.87 -12.16	41.06 1.93 -12.99	42.62 2.52 -11.75	64.16 3.62 -23.19	79.43 4.27 -29.24	74.44 4.05 -26.84	63.32 3.49 -21.52	59.96 3.12 -22.89	54.84 3.10 -20.12	41.89 2.70 -10.21	40.47 2.33 -9.67
FRESHKLS_33_KV_LOAD 356253	30.52 2.13 -0.01	30.17 1.92 0.00	29.75 1.71 0.00	29.49 1.51 0.00	29.20 1.50 0.00	29.78 1.66 0.00	30.60 1.89 0.00	30.23 2.06 0.00	30.15 1.87 0.00	28.93 1.82 0.00	26.66 1.51 0.00	26.68 1.39 0.00	26.84 1.54 0.00	27.19 1.56 0.00	27.75 1.62 0.00	30.59 2.24 0.00	40.27 2.91 0.00	53.74 3.76 -4.06	47.12 3.57 0.00	41.37 3.03 -0.03	36.73 2.78 0.00	34.66 2.94 -0.10	31.54 2.55 -0.01	30.61 2.13 -0.01
FULTON COGEN____ 23766	28.04 -0.34 0.00	27.88 -0.37 0.00	27.62 -0.42 0.00	27.56 -0.42 0.00	27.26 -0.44 0.00	27.78 -0.34 0.00	28.42 -0.29 0.00	27.81 -0.37 0.00	27.75 -0.54 0.00	26.62 -0.49 0.00	24.77 -0.38 0.00	24.96 -0.33 0.00	24.89 -0.40 0.00	25.22 -0.41 0.00	25.69 -0.44 0.00	27.90 -0.45 0.00	36.75 -0.60 0.00	45.96 -0.69 -0.74	42.81 -0.74 0.00	37.63 -0.69 -0.01	33.37 -0.58 0.00	31.04 -0.60 -0.02	28.55 -0.43 0.00	28.13 -0.34 0.00
FULTON___LFGE 323630	30.73 2.35 0.00	30.68 2.43 0.00	30.25 2.21 0.00	30.17 2.18 0.00	30.03 2.33 0.00	30.76 2.64 0.00	31.66 2.96 0.00	31.05 2.87 0.00	31.20 2.91 0.00	29.47 2.36 0.00	27.11 1.96 0.00	27.27 1.97 0.00	27.29 2.00 0.00	27.81 2.18 0.00	28.46 2.33 0.00	31.41 3.06 0.00	42.24 4.89 0.00	58.38 6.34 -6.13	49.64 6.10 0.00	43.65 5.29 -0.04	38.30 4.35 0.00	35.52 3.76 -0.14	32.26 3.27 0.00	31.14 2.68 0.00
G.F.CEMENT___DRP 24184	29.66 1.28 0.00	29.46 1.21 0.00	29.08 1.04 0.00	28.96 0.98 0.00	28.86 1.16 0.00	29.44 1.32 0.00	30.28 1.58 0.00	29.69 1.52 0.00	29.59 1.30 0.00	28.28 1.17 0.00	26.13 0.98 0.00	26.03 0.73 0.00	26.05 0.76 0.00	26.45 0.82 0.00	27.02 0.89 0.00	29.51 1.16 0.00	39.67 2.32 0.00	54.15 2.98 -5.25	46.42 2.87 0.00	40.92 2.57 -0.04	36.02 2.07 0.00	33.54 1.80 -0.12	30.78 1.80 0.00	29.92 1.45 0.00
GARDENVILLE___LBMP 24039	28.80 0.43 0.00	28.67 0.42 0.00	28.12 0.08 0.00	28.21 0.22 0.00	27.70 0.00 0.00	28.38 0.25 0.00	29.25 0.55 0.00	27.61 -0.56 0.00	26.96 -1.33 0.00	26.05 -1.06 0.00	24.97 -0.18 0.00	25.42 0.13 0.00	25.24 -0.05 0.00	25.40 -0.23 0.00	25.72 -0.42 0.00	28.18 -0.17 0.00	36.19 -1.16 0.00	44.74 -2.34 -1.17	41.50 -2.05 0.00	36.33 -1.99 -0.01	32.25 -1.70 0.00	29.97 -1.68 -0.03	28.29 -0.70 0.00	27.70 -0.77 0.00
GARDNVLA_35_KV_LD 355827	28.95 0.57 0.00	28.81 0.56 0.00	28.23 0.20 0.00	28.35 0.36 0.00	27.81 0.11 0.00	28.49 0.37 0.00	29.36 0.66 0.00	27.75 -0.42 0.00	27.10 -1.19 0.00	26.19 -0.92 0.00	25.10 -0.05 0.00	25.57 0.28 0.00	25.37 0.08 0.00	25.53 -0.10 0.00	25.85 -0.29 0.00	28.32 -0.03 0.00	36.38 -0.97 0.00	44.97 -2.11 -1.17	41.76 -1.79 0.00	36.56 -1.76 -0.01	32.42 -1.53 0.00	30.13 -1.52 -0.03	28.43 -0.55 0.00	27.84 -0.63 0.00
GELCKHM___115KV_LOAD 80723	28.21 -0.17 0.00	28.05 -0.20 0.00	27.79 -0.25 0.00	27.73 -0.25 0.00	27.42 -0.28 0.00	27.95 -0.17 0.00	28.59 -0.11 0.00	27.97 -0.20 0.00	27.89 -0.40 0.00	26.76 -0.35 0.00	24.92 -0.23 0.00	25.12 -0.18 0.00	25.04 -0.25 0.00	25.37 -0.26 0.00	25.85 -0.29 0.00	28.10 -0.26 0.00	36.94 -0.41 0.00	46.26 -0.46 -0.81	43.02 -0.52 0.00	37.82 -0.50 -0.01	33.51 -0.44 0.00	31.20 -0.44 -0.02	28.72 -0.26 0.00	28.27 -0.20 0.00
GENERAL___MILLS 23808	28.89 0.51 0.00	28.76 0.51 0.00	28.21 0.17 0.00	28.29 0.31 0.00	27.75 0.06 0.00	28.43 0.31 0.00	29.33 0.63 0.00	27.72 -0.45 0.00	27.04 -1.24 0.00	26.14 -0.98 0.00	25.05 -0.10 0.00	25.52 0.23 0.00	25.32 0.03 0.00	25.47 -0.15 0.00	25.79 -0.34 0.00	28.27 -0.09 0.00	36.31 -1.05 0.00	44.83 -2.25 -1.17	41.63 -1.92 0.00	36.48 -1.84 -0.01	32.35 -1.60 0.00	30.07 -1.58 -0.03	28.38 -0.61 0.00	27.78 -0.68 0.00
GE_PLASTICS___DRP 24183	29.03 0.65 0.00	28.81 0.56 0.00	28.46 0.42 0.00	28.35 0.36 0.00	28.17 0.47 0.00	28.68 0.56 0.00	29.42 0.72 0.00	28.93 0.76 0.00	28.88 0.59 0.00	27.63 0.52 0.00	25.57 0.43 0.00	25.65 0.35 0.00	25.70 0.40 0.00	26.06 0.44 0.00	26.63 0.50 0.00	29.06 0.71 0.00	38.77 1.42 0.00	52.71 1.74 -5.05	45.16 1.61 0.00	39.77 1.42 -0.04	35.24 1.29 0.00	32.94 1.20 -0.11	29.97 0.99 0.00	29.15 0.68 0.00
GILBOA___1 23756	29.17 0.79 0.00	29.12 0.88 0.00	28.71 0.67 0.00	28.60 0.61 0.00	28.31 0.61 0.00	28.91 0.79 0.00	29.56 0.86 0.00	29.05 0.87 0.00	29.19 0.90 0.00	27.74 0.62 0.00	25.68 0.53 0.00	25.80 0.51 0.00	25.85 0.56 0.00	26.19 0.56 0.00	26.73 0.60 0.00	29.26 0.91 0.00	38.85 1.50 0.00	51.77 1.74 -4.11	45.16 1.61 0.00	39.80 1.46 -0.03	35.27 1.32 0.00	32.92 1.20 -0.09	30.03 1.04 0.00	29.32 0.85 0.00
GILBOA___2 23757	29.17 0.79 0.00	29.12 0.88 0.00	28.71 0.67 0.00	28.60 0.61 0.00	28.31 0.61 0.00	28.91 0.79 0.00	29.56 0.86 0.00	29.05 0.87 0.00	29.19 0.90 0.00	27.74 0.62 0.00	25.68 0.53 0.00	25.80 0.51 0.00	25.85 0.56 0.00	26.19 0.56 0.00	26.73 0.60 0.00	29.26 0.91 0.00	38.85 1.50 0.00	51.77 1.74 -4.11	45.16 1.61 0.00	39.80 1.46 -0.03	35.27 1.32 0.00	32.92 1.20 -0.09	30.03 1.04 0.00	29.32 0.85 0.00
GILBOA___3 23758	29.17 0.79 0.00	29.12 0.88 0.00	28.71 0.67 0.00	28.60 0.61 0.00	28.31 0.61 0.00	28.91 0.79 0.00	29.56 0.86 0.00	29.05 0.87 0.00	29.19 0.90 0.00	27.74 0.62 0.00	25.68 0.53 0.00	25.80 0.51 0.00	25.85 0.56 0.00	26.19 0.56 0.00	26.73 0.60 0.00	29.26 0.91 0.00	38.85 1.50 0.00	51.77 1.74 -4.11	45.16 1.61 0.00	39.80 1.46 -0.03	35.27 1.32 0.00	32.92 1.20 -0.09	30.03 1.04 0.00	29.32 0.85 0.00
GILBOA___4 23759	29.17 0.79 0.00	29.12 0.88 0.00	28.71 0.67 0.00	28.60 0.61 0.00	28.31 0.61 0.00	28.91 0.79 0.00	29.56 0.86 0.00	29.05 0.87 0.00	29.19 0.90 0.00	27.74 0.62 0.00	25.68 0.53 0.00	25.80 0.51 0.00	25.85 0.56 0.00	26.19 0.56 0.00	26.73 0.60 0.00	29.26 0.91 0.00	38.85 1.50 0.00	51.77 1.74 -4.11	45.16 1.61 0.00	39.80 1.46 -0.03	35.27 1.32 0.00	32.92 1.20 -0.09	30.03 1.04 0.00	29.32 0.85 0.00
GILBOA____ 23599	29.15 0.77 0.00	29.04 0.79 0.00	28.71 0.67 0.00	28.60 0.62 0.00	28.45 0.75 0.00	28.88 0.76 0.00	29.51 0.80 0.00	29.05 0.87 0.00	28.96 0.68 0.00	27.74 0.62 0.00	25.67 0.53 0.00	25.80 0.51 0.00	25.85 0.56 0.00	26.19 0.56 0.00	26.73 0.60 0.00	29.23 0.88 0.00	38.81 1.46 0.00	51.77 1.74 -4.11	45.16 1.61 0.00	39.80 1.46 -0.03	35.27 1.32 0.00	32.92 1.20 -0.09	30.03 1.04 0.00	29.24 0.77 0.00

GOUDEY___8 23580	29.03 0.65 0.00	28.87 0.62 0.00	28.51 0.48 0.00	28.49 0.50 0.00	28.14 0.44 0.00	28.71 0.59 0.00	29.42 0.72 0.00	28.74 0.56 0.00	28.48 0.20 0.00	27.38 0.27 0.00	25.57 0.43 0.00	25.85 0.56 0.00	25.77 0.48 0.00	26.04 0.41 0.00	26.50 0.37 0.00	28.95 0.60 0.00	38.02 0.67 0.00	48.18 0.55 -1.72	44.16 0.61 0.00	38.79 0.46 -0.01	34.39 0.44 0.00	32.01 0.35 -0.04	29.51 0.52 0.00	28.84 0.37 0.00
GOWANUS_GT1_1 24077	30.35 1.96 -0.01	30.00 1.75 0.00	29.55 1.51 0.00	29.33 1.34 0.00	29.03 1.33 0.00	29.67 1.55 0.00	30.51 1.81 0.00	30.20 2.03 0.00	30.12 1.84 0.00	28.93 1.82 0.00	26.66 1.51 0.00	26.71 1.42 0.00	26.84 1.54 0.00	27.22 1.59 0.00	27.75 1.62 0.00	30.56 2.21 0.00	40.53 3.17 0.00	54.02 4.04 -4.06	47.42 3.88 0.00	41.60 3.26 -0.03	36.87 2.92 0.00	34.57 2.85 -0.10	31.43 2.43 -0.01	30.47 1.99 -0.01
GOWANUS_GT1_2 24078	30.35 1.96 -0.01	30.00 1.75 0.00	29.55 1.51 0.00	29.33 1.34 0.00	29.03 1.33 0.00	29.67 1.55 0.00	30.51 1.81 0.00	30.20 2.03 0.00	30.12 1.84 0.00	28.93 1.82 0.00	26.66 1.51 0.00	26.71 1.42 0.00	26.84 1.54 0.00	27.22 1.59 0.00	27.75 1.62 0.00	30.56 2.21 0.00	40.53 3.17 0.00	54.02 4.04 -4.06	47.42 3.88 0.00	41.60 3.26 -0.03	36.87 2.92 0.00	34.57 2.85 -0.10	31.43 2.43 -0.01	30.47 1.99 -0.01
GOWANUS_GT1_3 24079	30.35 1.96 -0.01	30.00 1.75 0.00	29.55 1.51 0.00	29.33 1.34 0.00	29.03 1.33 0.00	29.67 1.55 0.00	30.51 1.81 0.00	30.20 2.03 0.00	30.12 1.84 0.00	28.93 1.82 0.00	26.66 1.51 0.00	26.71 1.42 0.00	26.84 1.54 0.00	27.22 1.59 0.00	27.75 1.62 0.00	30.56 2.21 0.00	40.53 3.17 0.00	54.02 4.04 -4.06	47.42 3.88 0.00	41.60 3.26 -0.03	36.87 2.92 0.00	34.57 2.85 -0.10	31.43 2.43 -0.01	30.47 1.99 -0.01
GOWANUS_GT1_4 24080	30.35 1.96 -0.01	30.00 1.75 0.00	29.55 1.51 0.00	29.33 1.34 0.00	29.03 1.33 0.00	29.67 1.55 0.00	30.51 1.81 0.00	30.20 2.03 0.00	30.12 1.84 0.00	28.93 1.82 0.00	26.66 1.51 0.00	26.71 1.42 0.00	26.84 1.54 0.00	27.22 1.59 0.00	27.75 1.62 0.00	30.56 2.21 0.00	40.53 3.17 0.00	54.02 4.04 -4.06	47.42 3.88 0.00	41.60 3.26 -0.03	36.87 2.92 0.00	34.57 2.85 -0.10	31.43 2.43 -0.01	30.47 1.99 -0.01
GOWANUS_GT1_5 24084	30.35 1.96 -0.01	30.00 1.75 0.00	29.55 1.51 0.00	29.33 1.34 0.00	29.03 1.33 0.00	29.67 1.55 0.00	30.51 1.81 0.00	30.20 2.03 0.00	30.12 1.84 0.00	28.93 1.82 0.00	26.66 1.51 0.00	26.71 1.42 0.00	26.84 1.54 0.00	27.22 1.59 0.00	27.75 1.62 0.00	30.56 2.21 0.00	40.53 3.17 0.00	54.02 4.04 -4.06	47.42 3.88 0.00	41.60 3.26 -0.03	36.87 2.92 0.00	34.57 2.85 -0.10	31.43 2.43 -0.01	30.47 1.99 -0.01
GOWANUS_GT1_6 24111	30.35 1.96 -0.01	30.00 1.75 0.00	29.55 1.51 0.00	29.33 1.34 0.00	29.03 1.33 0.00	29.67 1.55 0.00	30.51 1.81 0.00	30.20 2.03 0.00	30.12 1.84 0.00	28.93 1.82 0.00	26.66 1.51 0.00	26.71 1.42 0.00	26.84 1.54 0.00	27.22 1.59 0.00	27.75 1.62 0.00	30.56 2.21 0.00	40.53 3.17 0.00	54.02 4.04 -4.06	47.42 3.88 0.00	41.60 3.26 -0.03	36.87 2.92 0.00	34.57 2.85 -0.10	31.43 2.43 -0.01	30.47 1.99 -0.01
GOWANUS_GT1_7 24112	30.35 1.96 -0.01	30.00 1.75 0.00	29.55 1.51 0.00	29.33 1.34 0.00	29.03 1.33 0.00	29.67 1.55 0.00	30.51 1.81 0.00	30.20 2.03 0.00	30.12 1.84 0.00	28.93 1.82 0.00	26.66 1.51 0.00	26.71 1.42 0.00	26.84 1.54 0.00	27.22 1.59 0.00	27.75 1.62 0.00	30.56 2.21 0.00	40.53 3.17 0.00	54.02 4.04 -4.06	47.42 3.88 0.00	41.60 3.26 -0.03	36.87 2.92 0.00	34.57 2.85 -0.10	31.43 2.43 -0.01	30.47 1.99 -0.01
GOWANUS_GT1_8 24113	30.35 1.96 -0.01	30.00 1.75 0.00	29.55 1.51 0.00	29.33 1.34 0.00	29.03 1.33 0.00	29.67 1.55 0.00	30.51 1.81 0.00	30.20 2.03 0.00	30.12 1.84 0.00	28.93 1.82 0.00	26.66 1.51 0.00	26.71 1.42 0.00	26.84 1.54 0.00	27.22 1.59 0.00	27.75 1.62 0.00	30.56 2.21 0.00	40.53 3.17 0.00	54.02 4.04 -4.06	47.42 3.88 0.00	41.60 3.26 -0.03	36.87 2.92 0.00	34.57 2.85 -0.10	31.43 2.43 -0.01	30.47 1.99 -0.01
GOWANUS_GT2_1 24114	30.34 1.96 -0.01	30.11 1.86 0.00	29.58 1.54 0.00	29.33 1.34 0.00	29.03 1.33 0.00	29.67 1.55 0.00	30.54 1.84 0.00	30.20 2.03 0.00	30.49 2.21 0.00	28.93 1.82 0.00	26.66 1.51 0.00	26.71 1.42 0.00	26.84 1.54 0.00	27.22 1.59 0.00	27.75 1.62 0.00	30.56 2.21 0.00	40.60 3.25 0.00	54.02 4.04 -4.06	47.38 3.83 0.00	41.64 3.30 -0.03	36.90 2.95 0.00	34.53 2.81 -0.10	31.49 2.49 -0.01	30.58 2.11 -0.01
GOWANUS_GT2_2 24115	30.34 1.96 -0.01	30.11 1.86 0.00	29.58 1.54 0.00	29.33 1.34 0.00	29.03 1.33 0.00	29.67 1.55 0.00	30.54 1.84 0.00	30.20 2.03 0.00	30.49 2.21 0.00	28.93 1.82 0.00	26.66 1.51 0.00	26.71 1.42 0.00	26.84 1.54 0.00	27.22 1.59 0.00	27.75 1.62 0.00	30.56 2.21 0.00	40.60 3.25 0.00	54.02 4.04 -4.06	47.38 3.83 0.00	41.64 3.30 -0.03	36.90 2.95 0.00	34.53 2.81 -0.10	31.49 2.49 -0.01	30.58 2.11 -0.01
GOWANUS_GT2_3 24116	30.34 1.96 -0.01	30.11 1.86 0.00	29.58 1.54 0.00	29.33 1.34 0.00	29.03 1.33 0.00	29.67 1.55 0.00	30.54 1.84 0.00	30.20 2.03 0.00	30.49 2.21 0.00	28.93 1.82 0.00	26.66 1.51 0.00	26.71 1.42 0.00	26.84 1.54 0.00	27.22 1.59 0.00	27.75 1.62 0.00	30.56 2.21 0.00	40.60 3.25 0.00	54.02 4.04 -4.06	47.38 3.83 0.00	41.64 3.30 -0.03	36.90 2.95 0.00	34.53 2.81 -0.10	31.49 2.49 -0.01	30.58 2.11 -0.01
GOWANUS_GT2_4 24117	30.34 1.96 -0.01	30.11 1.86 0.00	29.58 1.54 0.00	29.33 1.34 0.00	29.03 1.33 0.00	29.67 1.55 0.00	30.54 1.84 0.00	30.20 2.03 0.00	30.49 2.21 0.00	28.93 1.82 0.00	26.66 1.51 0.00	26.71 1.42 0.00	26.84 1.54 0.00	27.22 1.59 0.00	27.75 1.62 0.00	30.56 2.21 0.00	40.60 3.25 0.00	54.02 4.04 -4.06	47.38 3.83 0.00	41.64 3.30 -0.03	36.90 2.95 0.00	34.53 2.81 -0.10	31.49 2.49 -0.01	30.58 2.11 -0.01
GOWANUS_GT2_5 24118	30.34 1.96 -0.01	30.11 1.86 0.00	29.58 1.54 0.00	29.33 1.34 0.00	29.03 1.33 0.00	29.67 1.55 0.00	30.54 1.84 0.00	30.20 2.03 0.00	30.49 2.21 0.00	28.93 1.82 0.00	26.66 1.51 0.00	26.71 1.42 0.00	26.84 1.54 0.00	27.22 1.59 0.00	27.75 1.62 0.00	30.56 2.21 0.00	40.60 3.25 0.00	54.02 4.04 -4.06	47.38 3.83 0.00	41.64 3.30 -0.03	36.90 2.95 0.00	34.53 2.81 -0.10	31.49 2.49 -0.01	30.58 2.11 -0.01
GOWANUS_GT2_6 24119	30.34 1.96 -0.01	30.11 1.86 0.00	29.58 1.54 0.00	29.33 1.34 0.00	29.03 1.33 0.00	29.67 1.55 0.00	30.54 1.84 0.00	30.20 2.03 0.00	30.49 2.21 0.00	28.93 1.82 0.00	26.66 1.51 0.00	26.71 1.42 0.00	26.84 1.54 0.00	27.22 1.59 0.00	27.75 1.62 0.00	30.56 2.21 0.00	40.60 3.25 0.00	54.02 4.04 -4.06	47.38 3.83 0.00	41.64 3.30 -0.03	36.90 2.95 0.00	34.53 2.81 -0.10	31.49 2.49 -0.01	30.58 2.11 -0.01

HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	29.86 1.48 0.00	29.58 1.33 0.00	29.16 1.12 0.00	29.02 1.04 0.00	28.75 1.05 0.00	29.36 1.24 0.00	30.11 1.41 0.00	29.78 1.61 0.00	29.70 1.41 0.00	28.44 1.33 0.00	26.25 1.11 0.00	26.33 1.04 0.00	26.43 1.14 0.00	26.78 1.15 0.00	27.36 1.23 0.00	30.02 1.67 0.00	40.00 2.65 0.00	53.07 3.35 -3.80	46.72 3.18 0.00	41.06 2.72 -0.03	36.36 2.41 0.00	33.92 2.21 -0.08	30.84 1.86 0.00	29.95 1.48 0.00
HARSNRAD_115KV_TB1 81005	28.49 0.11 0.00	28.28 0.03 0.00	27.79 -0.25 0.00	27.84 -0.14 0.00	27.28 -0.42 0.00	27.98 -0.14 0.00	28.93 0.23 0.00	27.10 -1.07 0.00	26.42 -1.87 0.00	25.54 -1.57 0.00	24.54 -0.60 0.00	24.99 -0.30 0.00	24.79 -0.51 0.00	24.96 -0.67 0.00	25.27 -0.86 0.00	27.67 -0.68 0.00	35.45 -1.90 0.00	44.10 -2.94 -1.12	40.54 -3.00 0.00	35.56 -2.76 -0.01	31.54 -2.41 0.00	29.34 -2.31 -0.03	27.80 -1.19 0.00	27.36 -1.11 0.00
HARZA MOOSE__RIVER 24016	28.86 0.48 0.00	28.73 0.48 0.00	28.49 0.45 0.00	28.46 0.48 0.00	28.14 0.44 0.00	28.66 0.53 0.00	29.22 0.52 0.00	28.68 0.51 0.00	28.77 0.48 0.00	27.49 0.38 0.00	25.42 0.28 0.00	25.57 0.28 0.00	25.52 0.23 0.00	25.86 0.23 0.00	26.39 0.26 0.00	28.72 0.37 0.00	37.99 0.63 0.00	47.21 1.01 -0.28	44.50 0.96 0.00	39.16 0.84 0.00	34.59 0.65 0.00	32.17 0.54 -0.01	29.48 0.49 0.00	28.92 0.46 0.00
HDSNBRDG_115KV_BRDG_TB1 355580	28.24 -0.14 0.00	28.08 -0.17 0.00	27.79 -0.25 0.00	27.76 -0.22 0.00	27.42 -0.28 0.00	27.95 -0.17 0.00	28.62 -0.09 0.00	27.97 -0.20 0.00	27.89 -0.40 0.00	26.79 -0.33 0.00	24.92 -0.23 0.00	25.14 -0.15 0.00	25.07 -0.23 0.00	25.40 -0.23 0.00	25.87 -0.26 0.00	28.10 -0.26 0.00	36.90 -0.45 0.00	46.21 -0.51 -0.80	42.98 -0.57 0.00	37.78 -0.54 -0.01	33.47 -0.48 0.00	31.20 -0.44 -0.02	28.75 -0.23 0.00	28.30 -0.17 0.00
HELLGATE_13_KV_LD 55870	30.11 1.73 0.00	29.77 1.53 0.00	29.36 1.32 0.00	29.16 1.18 0.00	28.86 1.16 0.00	29.47 1.35 0.00	30.31 1.61 0.00	30.03 1.86 0.00	29.98 1.70 0.00	28.77 1.65 0.00	26.53 1.38 0.00	26.58 1.29 0.00	26.71 1.42 0.00	27.06 1.44 0.00	27.62 1.49 0.00	30.36 2.01 0.00	40.34 2.99 0.00	53.74 3.76 -4.06	47.12 3.57 0.00	41.37 3.03 -0.03	36.66 2.72 0.00	34.27 2.56 -0.09	31.19 2.20 0.00	30.23 1.76 0.00
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	30.11 1.73 0.00	29.77 1.53 0.00	29.36 1.32 0.00	29.16 1.18 0.00	28.86 1.16 0.00	29.47 1.35 0.00	30.31 1.61 0.00	30.03 1.86 0.00	29.98 1.70 0.00	28.77 1.65 0.00	26.53 1.38 0.00	26.58 1.29 0.00	26.71 1.42 0.00	27.06 1.44 0.00	27.62 1.49 0.00	30.36 2.01 0.00	40.34 2.99 0.00	53.74 3.76 -4.06	47.12 3.57 0.00	41.37 3.03 -0.03	36.66 2.72 0.00	34.27 2.56 -0.09	31.19 2.20 0.00	30.23 1.76 0.00
HEMPSTEAD____ 23647	36.38 2.02 -5.99	36.08 1.95 -5.89	35.25 1.68 -5.53	35.19 1.54 -5.67	35.76 1.52 -6.53	35.19 1.77 -5.30	36.73 2.09 -5.94	36.84 2.23 -6.44	36.48 2.38 -5.82	35.76 1.95 -6.69	40.19 1.66 -13.39	36.79 1.59 -9.91	39.54 1.72 -12.52	39.54 1.74 -12.16	40.92 1.80 -12.99	42.45 2.35 -11.75	64.05 3.51 -23.19	79.47 4.31 -29.24	74.44 4.05 -26.84	63.32 3.49 -21.52	59.96 3.12 -22.89	54.65 2.91 -20.12	41.74 2.55 -10.21	40.30 2.16 -9.67
HEWLETT__69_KV_BK3 55828	36.63 2.27 -5.98	36.19 2.06 -5.88	35.41 1.85 -5.52	35.38 1.73 -5.66	35.97 1.75 -6.53	35.38 1.97 -5.29	36.87 2.24 -5.93	37.03 2.42 -6.44	36.33 2.23 -5.81	35.94 2.14 -6.68	40.39 1.86 -13.38	36.99 1.80 -9.90	39.71 1.90 -12.52	39.71 1.92 -12.16	41.13 2.01 -12.98	42.67 2.58 -11.74	64.27 3.74 -23.18	79.78 4.64 -29.23	74.73 4.35 -26.83	63.62 3.79 -21.51	60.26 3.43 -22.88	54.86 3.13 -20.11	41.94 2.75 -10.20	40.41 2.28 -9.66
HICKLING____1 23621	29.43 1.05 0.00	29.26 1.02 0.00	28.85 0.81 0.00	28.88 0.90 0.00	28.42 0.72 0.00	29.08 0.96 0.00	29.85 1.15 0.00	28.99 0.82 0.00	28.57 0.28 0.00	27.49 0.38 0.00	25.90 0.75 0.00	26.28 0.99 0.00	26.10 0.81 0.00	26.32 0.69 0.00	26.73 0.60 0.00	29.29 0.94 0.00	38.10 0.75 0.00	47.85 0.46 -1.48	44.20 0.65 0.00	38.71 0.38 -0.01	34.42 0.48 0.00	31.94 0.28 -0.03	29.65 0.67 0.00	28.92 0.46 0.00
HICKLING____2 23622	29.43 1.05 0.00	29.26 1.02 0.00	28.85 0.81 0.00	28.88 0.90 0.00	28.42 0.72 0.00	29.08 0.96 0.00	29.85 1.15 0.00	28.99 0.82 0.00	28.57 0.28 0.00	27.49 0.38 0.00	25.90 0.75 0.00	26.28 0.99 0.00	26.10 0.81 0.00	26.32 0.69 0.00	26.73 0.60 0.00	29.29 0.94 0.00	38.10 0.75 0.00	47.85 0.46 -1.48	44.20 0.65 0.00	38.71 0.38 -0.01	34.42 0.48 0.00	31.94 0.28 -0.03	29.65 0.67 0.00	28.92 0.46 0.00
HIGH FALLS____HY 23754	29.94 1.56 0.00	29.66 1.41 0.00	29.24 1.21 0.00	29.10 1.12 0.00	28.81 1.11 0.00	29.39 1.27 0.00	30.08 1.38 0.00	29.78 1.61 0.00	29.70 1.41 0.00	28.41 1.30 0.00	26.18 1.03 0.00	26.23 0.94 0.00	26.38 1.09 0.00	26.70 1.08 0.00	27.31 1.18 0.00	30.00 1.64 0.00	39.97 2.61 0.00	53.30 3.35 -4.03	46.81 3.27 0.00	41.06 2.72 -0.03	36.39 2.44 0.00	33.93 2.21 -0.09	30.84 1.86 0.00	29.95 1.48 0.00
HILLBURN____GT 23639	29.88 1.50 0.00	29.69 1.44 0.00	29.19 1.15 0.00	29.02 1.04 0.00	28.73 1.03 0.00	29.39 1.27 0.00	30.19 1.49 0.00	29.83 1.66 0.00	30.10 1.81 0.00	28.52 1.41 0.00	26.33 1.18 0.00	26.43 1.14 0.00	26.53 1.24 0.00	26.88 1.26 0.00	27.44 1.31 0.00	30.11 1.76 0.00	40.12 2.76 0.00	53.22 3.45 -3.86	46.77 3.22 0.00	41.10 2.76 -0.03	36.43 2.48 0.00	33.99 2.28 -0.09	30.96 1.97 0.00	30.12 1.65 0.00
HILLSIDE_115KV_TB1 80332	29.00 0.62 0.00	28.84 0.59 0.00	28.43 0.39 0.00	28.43 0.45 0.00	28.03 0.33 0.00	28.66 0.53 0.00	29.39 0.69 0.00	28.57 0.39 0.00	28.17 -0.11 0.00	27.14 0.03 0.00	25.52 0.38 0.00	25.90 0.61 0.00	25.72 0.43 0.00	25.96 0.33 0.00	26.37 0.24 0.00	28.86 0.51 0.00	37.61 0.26 0.00	47.19 -0.23 -1.51	43.59 0.04 0.00	38.21 -0.11 -0.01	33.95 0.00 0.00	31.56 -0.09 -0.03	29.25 0.26 0.00	28.55 0.09 0.00
HISHELDN_WT_PWR 323625	28.86 0.48 0.00	28.76 0.51 0.00	28.29 0.25 0.00	28.29 0.31 0.00	28.03 0.33 0.00	28.46 0.34 0.00	29.54 0.83 0.00	27.80 -0.37 0.00	27.66 -0.62 0.00	26.27 -0.84 0.00	25.07 -0.08 0.00	25.52 0.23 0.00	25.32 0.03 0.00	25.50 -0.13 0.00	25.85 -0.29 0.00	28.29 -0.06 0.00	36.27 -1.08 0.00	45.29 -1.84 -1.22	41.80 -1.74 0.00	36.45 -1.88 -0.01	32.46 -1.49 0.00	30.23 -1.42 -0.03	28.43 -0.55 0.00	27.92 -0.54 0.00
HOLTSVILLE_IC_1 23690	36.61 2.24 -5.99	36.31 2.18 -5.89	35.42 1.85 -5.53	35.36 1.71 -5.67	35.95 1.72 -6.53	35.39 1.97 -5.30	36.96 2.32 -5.94	37.07 2.45 -6.44	36.68 2.57 -5.82	35.92 2.12 -6.69	40.37 1.83 -13.39	36.97 1.77 -9.91	39.69 1.87 -12.52	39.69 1.90 -12.16	41.14 2.01 -12.99	42.71 2.61 -11.75	64.46 3.92 -23.19	80.12 4.96 -29.24	75.05 4.66 -26.84	63.82 3.98 -21.52	60.37 3.53 -22.89	54.93 3.19 -20.12	41.97 2.78 -10.21	40.53 2.39 -9.67

HOLTSVILLE_IC_10 23699	36.75 2.38 -5.99	36.45 2.32 -5.89	35.56 1.99 -5.53	35.50 1.85 -5.67	36.09 1.86 -6.53	35.53 2.11 -5.30	37.11 2.47 -5.94	37.21 2.59 -6.44	36.82 2.72 -5.82	36.03 2.22 -6.69	40.50 1.96 -13.39	37.10 1.90 -9.91	39.82 2.00 -12.52	39.82 2.02 -12.16	41.27 2.14 -12.99	42.91 2.81 -11.75	64.72 4.18 -23.19	80.48 5.32 -29.24	75.39 5.01 -26.84	64.13 4.29 -21.52	60.61 3.77 -22.89	55.16 3.42 -20.12	42.15 2.96 -10.21	40.67 2.53 -9.67
HOLTSVILLE_IC_2 23691	36.61 2.24 -5.99	36.31 2.18 -5.89	35.42 1.85 -5.53	35.36 1.71 -5.67	35.95 1.72 -6.53	35.39 1.97 -5.30	36.96 2.32 -5.94	37.07 2.45 -6.44	36.68 2.57 -5.82	35.92 2.12 -6.69	40.37 1.83 -13.39	36.97 1.77 -9.91	39.69 1.87 -12.52	39.69 1.90 -12.16	41.14 2.01 -12.99	42.71 2.61 -11.75	64.46 3.92 -23.19	80.12 4.96 -29.24	75.05 4.66 -26.84	63.82 3.98 -21.52	60.37 3.53 -22.89	54.93 3.19 -20.12	41.97 2.78 -10.21	40.53 2.39 -9.67
HOLTSVILLE_IC_3 23692	36.61 2.24 -5.99	36.31 2.18 -5.89	35.42 1.85 -5.53	35.36 1.71 -5.67	35.95 1.72 -6.53	35.39 1.97 -5.30	36.96 2.32 -5.94	37.07 2.45 -6.44	36.68 2.57 -5.82	35.92 2.12 -6.69	40.37 1.83 -13.39	36.97 1.77 -9.91	39.69 1.87 -12.52	39.69 1.90 -12.16	41.14 2.01 -12.99	42.71 2.61 -11.75	64.46 3.92 -23.19	80.12 4.96 -29.24	75.05 4.66 -26.84	63.82 3.98 -21.52	60.37 3.53 -22.89	54.93 3.19 -20.12	41.97 2.78 -10.21	40.53 2.39 -9.67
HOLTSVILLE_IC_4 23693	36.61 2.24 -5.99	36.31 2.18 -5.89	35.42 1.85 -5.53	35.36 1.71 -5.67	35.95 1.72 -6.53	35.39 1.97 -5.30	36.96 2.32 -5.94	37.07 2.45 -6.44	36.68 2.57 -5.82	35.92 2.12 -6.69	40.37 1.83 -13.39	36.97 1.77 -9.91	39.69 1.87 -12.52	39.69 1.90 -12.16	41.14 2.01 -12.99	42.71 2.61 -11.75	64.46 3.92 -23.19	80.12 4.96 -29.24	75.05 4.66 -26.84	63.82 3.98 -21.52	60.37 3.53 -22.89	54.93 3.19 -20.12	41.97 2.78 -10.21	40.53 2.39 -9.67
HOLTSVILLE_IC_5 23694	36.61 2.24 -5.99	36.31 2.18 -5.89	35.42 1.85 -5.53	35.36 1.71 -5.67	35.95 1.72 -6.53	35.39 1.97 -5.30	36.96 2.32 -5.94	37.07 2.45 -6.44	36.68 2.57 -5.82	35.92 2.12 -6.69	40.37 1.83 -13.39	36.97 1.77 -9.91	39.69 1.87 -12.52	39.69 1.90 -12.16	41.14 2.01 -12.99	42.71 2.61 -11.75	64.46 3.92 -23.19	80.12 4.96 -29.24	75.05 4.66 -26.84	63.82 3.98 -21.52	60.37 3.53 -22.89	54.93 3.19 -20.12	41.97 2.78 -10.21	40.53 2.39 -9.67
HOLTSVILLE_IC_6 23695	36.75 2.38 -5.99	36.45 2.32 -5.89	35.56 1.99 -5.53	35.50 1.85 -5.67	36.09 1.86 -6.53	35.53 2.11 -5.30	37.11 2.47 -5.94	37.21 2.59 -6.44	36.82 2.72 -5.82	36.03 2.22 -6.69	40.50 1.96 -13.39	37.10 1.90 -9.91	39.82 2.00 -12.52	39.82 2.02 -12.16	41.27 2.14 -12.99	42.91 2.81 -11.75	64.72 4.18 -23.19	80.48 5.32 -29.24	75.39 5.01 -26.84	64.13 4.29 -21.52	60.61 3.77 -22.89	55.16 3.42 -20.12	42.15 2.96 -10.21	40.67 2.53 -9.67
HOLTSVILLE_IC_7 23696	36.75 2.38 -5.99	36.45 2.32 -5.89	35.56 1.99 -5.53	35.50 1.85 -5.67	36.09 1.86 -6.53	35.53 2.11 -5.30	37.11 2.47 -5.94	37.21 2.59 -6.44	36.82 2.72 -5.82	36.03 2.22 -6.69	40.50 1.96 -13.39	37.10 1.90 -9.91	39.82 2.00 -12.52	39.82 2.02 -12.16	41.27 2.14 -12.99	42.91 2.81 -11.75	64.72 4.18 -23.19	80.48 5.32 -29.24	75.39 5.01 -26.84	64.13 4.29 -21.52	60.61 3.77 -22.89	55.16 3.42 -20.12	42.15 2.96 -10.21	40.67 2.53 -9.67
HOLTSVILLE_IC_8 23697	36.75 2.38 -5.99	36.45 2.32 -5.89	35.56 1.99 -5.53	35.50 1.85 -5.67	36.09 1.86 -6.53	35.53 2.11 -5.30	37.11 2.47 -5.94	37.21 2.59 -6.44	36.82 2.72 -5.82	36.03 2.22 -6.69	40.50 1.96 -13.39	37.10 1.90 -9.91	39.82 2.00 -12.52	39.82 2.02 -12.16	41.27 2.14 -12.99	42.91 2.81 -11.75	64.72 4.18 -23.19	80.48 5.32 -29.24	75.39 5.01 -26.84	64.13 4.29 -21.52	60.61 3.77 -22.89	55.16 3.42 -20.12	42.15 2.96 -10.21	40.67 2.53 -9.67
HOLTSVILLE_IC_9 23698	36.75 2.38 -5.99	36.45 2.32 -5.89	35.56 1.99 -5.53	35.50 1.85 -5.67	36.09 1.86 -6.53	35.53 2.11 -5.30	37.11 2.47 -5.94	37.21 2.59 -6.44	36.82 2.72 -5.82	36.03 2.22 -6.69	40.50 1.96 -13.39	37.10 1.90 -9.91	39.82 2.00 -12.52	39.82 2.02 -12.16	41.27 2.14 -12.99	42.91 2.81 -11.75	64.72 4.18 -23.19	80.48 5.32 -29.24	75.39 5.01 -26.84	64.13 4.29 -21.52	60.61 3.77 -22.89	55.16 3.42 -20.12	42.15 2.96 -10.21	40.67 2.53 -9.67
HOMER_HL_115KV_TB2 355744	29.09 0.71 0.00	28.93 0.68 0.00	28.37 0.34 0.00	28.43 0.45 0.00	27.95 0.25 0.00	28.63 0.51 0.00	29.48 0.77 0.00	28.28 0.11 0.00	27.61 -0.68 0.00	26.70 -0.41 0.00	25.45 0.30 0.00	25.95 0.66 0.00	25.72 0.43 0.00	25.86 0.23 0.00	26.19 0.05 0.00	28.72 0.37 0.00	37.05 -0.30 0.00	44.93 -2.20 -1.22	42.72 -0.83 0.00	37.33 -1.00 -0.01	33.17 -0.78 0.00	30.83 -0.82 -0.03	28.87 -0.12 0.00	28.10 -0.37 0.00
HOWARD_WT_PWR 323690	29.69 1.31 0.00	29.58 1.33 0.00	29.13 1.09 0.00	29.10 1.12 0.00	28.81 1.11 0.00	29.33 1.21 0.00	30.37 1.66 0.00	29.05 0.87 0.00	28.96 0.68 0.00	27.46 0.35 0.00	26.03 0.88 0.00	26.46 1.16 0.00	26.18 0.88 0.00	26.40 0.77 0.00	26.79 0.65 0.00	29.37 1.02 0.00	37.87 0.52 0.00	47.62 0.37 -1.34	44.03 0.48 0.00	38.40 0.08 -0.01	34.22 0.27 0.00	31.68 0.03 -0.03	29.59 0.61 0.00	28.92 0.45 0.00
HQ_GEN_CEDARS 23644	28.44 0.06 0.00	28.39 0.14 0.00	28.32 0.28 0.00	28.29 0.31 0.00	27.98 0.28 0.00	28.26 0.14 0.00	28.73 0.03 0.00	28.26 0.08 0.00	28.62 0.34 0.00	27.41 0.30 0.00	25.37 0.23 0.00	25.55 0.25 0.00	25.52 0.23 0.00	25.86 0.23 0.00	26.34 0.21 0.00	28.32 -0.03 0.00	37.13 -0.22 0.00	45.73 -0.18 0.00	43.50 -0.04 0.00	38.31 0.00 0.00	33.91 -0.03 0.00	31.69 0.06 0.00	28.98 0.00 0.00	28.58 0.11 0.00
HQ_GEN_CEDARS_PROXY 323590	28.44 0.06 0.00	28.33 0.08 0.00	28.29 0.25 0.00	28.29 0.31 0.00	28.00 0.31 0.00	28.23 0.11 0.00	28.44 -0.03 0.23	28.49 0.08 -0.23	28.34 0.06 0.00	27.41 0.30 0.00	25.37 0.23 0.00	25.55 0.25 0.00	25.52 0.23 0.00	25.86 0.23 0.00	26.34 0.21 0.00	28.29 -0.06 0.00	37.20 -0.22 -0.07	45.62 -0.23 0.07	43.50 -0.04 0.00	38.35 0.04 0.00	33.91 -0.03 0.00	31.69 0.06 0.00	28.98 0.00 0.00	28.50 0.03 0.00
HQ_GEN_IMPORT 323601	28.21 -0.17 0.00	28.08 -0.17 0.00	28.01 -0.03 0.00	28.01 0.03 0.00	27.73 0.03 0.00	28.01 -0.11 0.00	28.21 -0.26 0.23	28.21 -0.20 -0.23	28.09 -0.20 0.00	27.14 0.03 0.00	25.17 0.03 0.00	25.32 0.03 0.00	25.32 0.03 0.00	25.65 0.03 0.00	26.16 0.03 0.00	28.21 -0.14 0.00	37.05 -0.37 -0.07	45.34 -0.50 0.07	43.15 -0.39 0.00	38.05 -0.27 0.00	33.68 -0.27 0.00	31.40 -0.22 0.00	28.72 -0.26 0.00	28.21 -0.26 0.00
HQ_GEN_WHEEL 23651	28.21 -0.17 0.00	28.08 -0.17 0.00	28.01 -0.03 0.00	28.01 0.03 0.00	27.73 0.03 0.00	28.01 -0.11 0.00	28.21 -0.26 0.23	28.21 -0.20 -0.23	28.09 -0.20 0.00	27.14 0.03 0.00	25.17 0.03 0.00	25.32 0.03 0.00	25.32 0.03 0.00	25.65 0.03 0.00	26.16 0.03 0.00	28.21 -0.14 0.00	37.05 -0.37 -0.07	45.34 -0.50 0.07	43.15 -0.39 0.00	38.05 -0.27 0.00	33.68 -0.27 0.00	31.40 -0.22 0.00	28.72 -0.26 0.00	28.21 -0.26 0.00

HUDSON AVE_GT_3 23810	30.11 1.73 0.00	29.77 1.53 0.00	29.36 1.32 0.00	29.19 1.20 0.00	28.89 1.19 0.00	29.56 1.43 0.00	30.42 1.72 0.00	30.12 1.94 0.00	30.07 1.78 0.00	28.85 1.74 0.00	26.61 1.46 0.00	26.66 1.37 0.00	26.79 1.49 0.00	27.14 1.51 0.00	27.70 1.57 0.00	30.42 2.07 0.00	40.49 3.14 0.00	53.83 3.86 -4.06	47.20 3.66 0.00	41.49 3.14 -0.03	36.80 2.85 0.00	34.34 2.62 -0.09	31.25 2.26 0.00	30.26 1.79 0.00
HUDSON AVE_GT_4 23540	30.11 1.73 0.00	29.77 1.53 0.00	29.36 1.32 0.00	29.19 1.20 0.00	28.89 1.19 0.00	29.56 1.43 0.00	30.42 1.72 0.00	30.12 1.94 0.00	30.07 1.78 0.00	28.85 1.74 0.00	26.61 1.46 0.00	26.66 1.37 0.00	26.79 1.49 0.00	27.14 1.51 0.00	27.70 1.57 0.00	30.42 2.07 0.00	40.49 3.14 0.00	53.83 3.86 -4.06	47.20 3.66 0.00	41.49 3.14 -0.03	36.80 2.85 0.00	34.34 2.62 -0.09	31.25 2.26 0.00	30.26 1.79 0.00
HUDSON AVE_GT_5 23657	30.11 1.73 0.00	29.77 1.53 0.00	29.36 1.32 0.00	29.19 1.20 0.00	28.89 1.19 0.00	29.56 1.43 0.00	30.42 1.72 0.00	30.12 1.94 0.00	30.07 1.78 0.00	28.85 1.74 0.00	26.61 1.46 0.00	26.66 1.37 0.00	26.79 1.49 0.00	27.14 1.51 0.00	27.70 1.57 0.00	30.42 2.07 0.00	40.49 3.14 0.00	53.83 3.86 -4.06	47.20 3.66 0.00	41.49 3.14 -0.03	36.80 2.85 0.00	34.34 2.62 -0.09	31.25 2.26 0.00	30.26 1.79 0.00
HUDSON_AVE_10 24168	30.05 1.67 0.00	29.72 1.47 0.00	29.33 1.29 0.00	29.13 1.15 0.00	28.84 1.14 0.00	29.53 1.41 0.00	30.40 1.69 0.00	30.12 1.94 0.00	30.07 1.78 0.00	28.85 1.74 0.00	26.58 1.43 0.00	26.66 1.37 0.00	26.79 1.49 0.00	27.14 1.51 0.00	27.70 1.57 0.00	30.42 2.07 0.00	40.49 3.14 0.00	53.83 3.86 -4.06	47.20 3.66 0.00	41.49 3.14 -0.03	36.80 2.85 0.00	34.34 2.62 -0.09	31.25 2.26 0.00	30.23 1.76 0.00
HUDSON___115KV_TB 4 355613	29.71 1.33 0.00	29.52 1.27 0.00	29.13 1.09 0.00	28.99 1.01 0.00	28.86 1.16 0.00	29.42 1.29 0.00	30.20 1.49 0.00	29.67 1.49 0.00	29.50 1.22 0.00	28.11 1.00 0.00	26.00 0.85 0.00	25.98 0.68 0.00	26.03 0.73 0.00	26.45 0.82 0.00	27.05 0.91 0.00	29.63 1.28 0.00	39.89 2.54 0.00	53.84 3.03 -4.90	46.81 3.27 0.00	41.19 2.84 -0.04	36.33 2.38 0.00	33.88 2.15 -0.11	30.75 1.77 0.00	29.80 1.34 0.00
HUNTER MOUNT___DRP 323613	29.83 1.45 0.00	29.63 1.38 0.00	29.22 1.18 0.00	29.10 1.12 0.00	29.00 1.30 0.00	29.53 1.41 0.00	30.28 1.58 0.00	29.72 1.55 0.00	29.56 1.27 0.00	28.11 1.00 0.00	26.00 0.85 0.00	25.93 0.63 0.00	25.98 0.68 0.00	26.40 0.77 0.00	27.02 0.89 0.00	29.63 1.28 0.00	40.00 2.65 0.00	53.75 3.08 -4.76	47.07 3.53 0.00	41.34 2.99 -0.03	36.46 2.51 0.00	33.97 2.25 -0.11	30.81 1.83 0.00	29.89 1.42 0.00
HUNTINGTON_RES_REC 323705	36.50 2.13 -5.99	36.20 2.06 -5.89	35.36 1.80 -5.53	35.33 1.68 -5.67	35.84 1.61 -6.53	35.33 1.91 -5.30	36.79 2.15 -5.94	36.93 2.31 -6.44	36.56 2.46 -5.82	35.86 2.06 -6.69	40.42 1.89 -13.39	37.02 1.82 -9.91	39.77 1.95 -12.52	39.77 1.97 -12.16	41.16 2.04 -12.99	42.62 2.52 -11.75	64.31 3.77 -23.19	79.93 4.77 -29.24	74.87 4.49 -26.84	63.67 3.83 -21.52	60.23 3.39 -22.89	54.81 3.07 -20.12	41.91 2.72 -10.21	40.53 2.39 -9.67
HUNTLEY___63 23557	28.63 0.26 0.00	28.59 0.34 0.00	27.95 -0.08 0.00	28.12 0.14 0.00	27.56 -0.14 0.00	28.26 0.14 0.00	29.08 0.37 0.00	27.30 -0.87 0.00	26.62 -1.67 0.00	25.73 -1.38 0.00	24.72 -0.43 0.00	25.17 -0.13 0.00	24.97 -0.33 0.00	25.14 -0.49 0.00	25.45 -0.68 0.00	27.87 -0.48 0.00	35.75 -1.61 0.00	44.44 -2.62 -1.14	40.93 -2.61 0.00	35.87 -2.45 -0.01	31.81 -2.14 0.00	29.59 -2.06 -0.03	28.00 -0.99 0.00	27.50 -0.97 0.00
HUNTLEY___64 23558	28.63 0.26 0.00	28.59 0.34 0.00	27.95 -0.08 0.00	28.12 0.14 0.00	27.56 -0.14 0.00	28.26 0.14 0.00	29.08 0.37 0.00	27.30 -0.87 0.00	26.62 -1.67 0.00	25.73 -1.38 0.00	24.72 -0.43 0.00	25.17 -0.13 0.00	24.97 -0.33 0.00	25.14 -0.49 0.00	25.45 -0.68 0.00	27.87 -0.48 0.00	35.75 -1.61 0.00	44.44 -2.62 -1.14	40.93 -2.61 0.00	35.87 -2.45 -0.01	31.81 -2.14 0.00	29.59 -2.06 -0.03	28.00 -0.99 0.00	27.50 -0.97 0.00
HUNTLEY___65 23559	28.63 0.26 0.00	28.59 0.34 0.00	27.95 -0.08 0.00	28.12 0.14 0.00	27.56 -0.14 0.00	28.26 0.14 0.00	29.08 0.37 0.00	27.30 -0.87 0.00	26.62 -1.67 0.00	25.73 -1.38 0.00	24.72 -0.43 0.00	25.17 -0.13 0.00	24.97 -0.33 0.00	25.14 -0.49 0.00	25.45 -0.68 0.00	27.87 -0.48 0.00	35.75 -1.61 0.00	44.44 -2.62 -1.14	40.93 -2.61 0.00	35.87 -2.45 -0.01	31.81 -2.14 0.00	29.59 -2.06 -0.03	28.00 -0.99 0.00	27.50 -0.97 0.00
HUNTLEY___66 23560	28.63 0.26 0.00	28.59 0.34 0.00	27.95 -0.08 0.00	28.12 0.14 0.00	27.56 -0.14 0.00	28.26 0.14 0.00	29.08 0.37 0.00	27.30 -0.87 0.00	26.62 -1.67 0.00	25.73 -1.38 0.00	24.72 -0.43 0.00	25.17 -0.13 0.00	24.97 -0.33 0.00	25.14 -0.49 0.00	25.45 -0.68 0.00	27.87 -0.48 0.00	35.75 -1.61 0.00	44.44 -2.62 -1.14	40.93 -2.61 0.00	35.87 -2.45 -0.01	31.81 -2.14 0.00	29.59 -2.06 -0.03	28.00 -0.99 0.00	27.50 -0.97 0.00
HUNTLEY___67 23561	28.49 0.11 0.00	28.39 0.14 0.00	27.81 -0.22 0.00	27.93 -0.06 0.00	27.39 -0.30 0.00	28.07 -0.06 0.00	28.93 0.23 0.00	27.27 -0.90 0.00	26.62 -1.67 0.00	25.73 -1.38 0.00	24.69 -0.45 0.00	25.14 -0.15 0.00	24.94 -0.35 0.00	25.09 -0.54 0.00	25.40 -0.73 0.00	27.84 -0.51 0.00	35.67 -1.68 0.00	44.22 -2.85 -1.15	40.80 -2.74 0.00	35.76 -2.57 -0.01	31.74 -2.21 0.00	29.53 -2.12 -0.03	27.94 -1.04 0.00	27.41 -1.05 0.00
HUNTLEY___68 23562	28.49 0.11 0.00	28.39 0.14 0.00	27.81 -0.22 0.00	27.93 -0.06 0.00	27.39 -0.30 0.00	28.07 -0.06 0.00	28.93 0.23 0.00	27.27 -0.90 0.00	26.62 -1.67 0.00	25.73 -1.38 0.00	24.69 -0.45 0.00	25.14 -0.15 0.00	24.94 -0.35 0.00	25.09 -0.54 0.00	25.40 -0.73 0.00	27.84 -0.51 0.00	35.67 -1.68 0.00	44.22 -2.85 -1.15	40.80 -2.74 0.00	35.76 -2.57 -0.01	31.74 -2.21 0.00	29.53 -2.12 -0.03	27.94 -1.04 0.00	27.41 -1.05 0.00
HYLAND___LFGE 323620	30.11 1.73 0.00	30.03 1.78 0.00	29.58 1.54 0.00	29.69 1.71 0.00	29.22 1.52 0.00	29.81 1.69 0.00	30.91 2.21 0.00	29.38 1.21 0.00	29.11 0.82 0.00	27.49 0.38 0.00	25.98 0.83 0.00	26.33 1.04 0.00	26.03 0.73 0.00	26.27 0.64 0.00	26.68 0.55 0.00	29.29 0.93 0.00	38.10 0.75 0.00	48.63 1.51 -1.20	44.81 1.26 0.00	39.09 0.77 -0.01	34.83 0.88 0.00	32.34 0.69 -0.03	30.09 1.10 0.00	29.38 0.91 0.00
INDECK___CORINTH 23802	29.26 0.88 0.00	29.12 0.88 0.00	28.71 0.67 0.00	28.57 0.59 0.00	28.45 0.75 0.00	29.08 0.96 0.00	29.88 1.18 0.00	29.27 1.10 0.00	29.39 1.10 0.00	27.90 0.79 0.00	25.78 0.63 0.00	25.65 0.35 0.00	25.67 0.38 0.00	26.06 0.44 0.00	26.63 0.50 0.00	29.03 0.68 0.00	38.96 1.61 0.00	53.34 2.16 -5.26	45.59 2.05 0.00	40.19 1.84 -0.04	35.37 1.43 0.00	32.97 1.23 -0.12	30.35 1.36 0.00	29.63 1.17 0.00

INDECK___ILION 23567	28.83 0.45 0.00	28.67 0.42 0.00	28.43 0.39 0.00	28.37 0.39 0.00	28.09 0.39 0.00	28.57 0.45 0.00	29.16 0.46 0.00	28.59 0.42 0.00	28.68 0.40 0.00	27.49 0.38 0.00	25.47 0.33 0.00	25.62 0.33 0.00	25.62 0.33 0.00	25.96 0.33 0.00	26.47 0.34 0.00	28.75 0.40 0.00	37.99 0.63 0.00	46.85 0.83 -0.11	44.29 0.74 0.00	39.01 0.69 0.00	34.53 0.58 0.00	32.16 0.54 0.00	29.48 0.49 0.00	28.92 0.46 0.00
INDECK___OLEAN 23982	29.09 0.71 0.00	29.01 0.76 0.00	28.49 0.45 0.00	28.46 0.48 0.00	28.25 0.55 0.00	28.65 0.53 0.00	29.71 1.00 0.00	28.29 0.11 0.00	28.23 -0.06 0.00	26.71 -0.41 0.00	25.45 0.30 0.00	25.95 0.66 0.00	25.72 0.43 0.00	25.86 0.23 0.00	26.19 0.05 0.00	28.75 0.40 0.00	36.91 -0.45 0.00	44.98 -2.16 -1.22	42.63 -0.92 0.00	37.14 -1.19 -0.01	33.07 -0.88 0.00	30.10 -1.55 -0.03	28.87 -0.12 0.00	28.21 -0.26 0.00
INDECK___OSWEGO 23783	27.87 -0.51 0.00	27.74 -0.51 0.00	27.48 -0.56 0.00	27.39 -0.59 0.00	27.12 -0.58 0.00	27.62 -0.51 0.00	28.27 -0.43 0.00	27.61 -0.56 0.00	27.69 -0.60 0.00	26.43 -0.68 0.00	24.59 -0.55 0.00	24.76 -0.53 0.00	24.71 -0.58 0.00	25.04 -0.59 0.00	25.51 -0.63 0.00	27.70 -0.65 0.00	36.45 -0.90 0.00	45.66 -0.97 -0.71	42.50 -1.05 0.00	37.36 -0.96 -0.01	33.10 -0.85 0.00	30.85 -0.79 -0.02	28.35 -0.64 0.00	28.01 -0.46 0.00
INDECK___YERKES 23781	28.66 0.28 0.00	28.59 0.34 0.00	28.18 0.14 0.00	28.09 0.11 0.00	27.87 0.17 0.00	28.23 0.11 0.00	29.36 0.66 0.00	27.33 -0.84 0.00	27.12 -1.16 0.00	25.76 -1.35 0.00	24.74 -0.40 0.00	25.19 -0.10 0.00	24.99 -0.30 0.00	25.17 -0.46 0.00	25.48 -0.65 0.00	27.90 -0.45 0.00	35.60 -1.75 0.00	44.53 -2.53 -1.14	40.93 -2.61 0.00	35.60 -2.72 -0.01	31.71 -2.24 0.00	29.75 -1.90 -0.03	28.00 -0.99 0.00	27.61 -0.85 0.00
INDIAN POINT_GT_1 24139	29.86 1.48 0.00	29.55 1.30 0.00	29.16 1.12 0.00	28.99 1.01 0.00	28.72 1.02 0.00	29.36 1.24 0.00	30.17 1.46 0.00	29.83 1.66 0.00	29.78 1.50 0.00	28.52 1.41 0.00	26.33 1.18 0.00	26.41 1.11 0.00	26.53 1.24 0.00	26.88 1.26 0.00	27.44 1.31 0.00	30.11 1.76 0.00	40.08 2.73 0.00	53.38 3.44 -4.02	46.77 3.22 0.00	41.14 2.80 -0.03	36.46 2.51 0.00	34.02 2.31 -0.09	30.96 1.97 0.00	30.00 1.54 0.00
INDIAN POINT_GT_2 23659	29.86 1.48 0.00	29.55 1.30 0.00	29.16 1.12 0.00	28.99 1.01 0.00	28.72 1.02 0.00	29.36 1.24 0.00	30.17 1.46 0.00	29.83 1.66 0.00	29.78 1.50 0.00	28.52 1.41 0.00	26.33 1.18 0.00	26.41 1.11 0.00	26.53 1.24 0.00	26.88 1.26 0.00	27.44 1.31 0.00	30.11 1.76 0.00	40.08 2.73 0.00	53.38 3.44 -4.02	46.77 3.22 0.00	41.14 2.80 -0.03	36.46 2.51 0.00	34.02 2.31 -0.09	30.96 1.97 0.00	30.00 1.54 0.00
INDIAN POINT_GT_3 24019	29.86 1.48 0.00	29.55 1.30 0.00	29.16 1.12 0.00	28.99 1.01 0.00	28.72 1.02 0.00	29.36 1.24 0.00	30.17 1.46 0.00	29.83 1.66 0.00	29.78 1.50 0.00	28.52 1.41 0.00	26.33 1.18 0.00	26.41 1.11 0.00	26.53 1.24 0.00	26.88 1.26 0.00	27.44 1.31 0.00	30.11 1.76 0.00	40.08 2.73 0.00	53.38 3.44 -4.02	46.77 3.22 0.00	41.14 2.80 -0.03	36.46 2.51 0.00	34.02 2.31 -0.09	30.96 1.97 0.00	30.00 1.54 0.00
INDIAN POINT___2 23530	29.85 1.47 0.00	29.66 1.41 0.00	29.16 1.12 0.00	28.99 1.01 0.00	28.70 1.00 0.00	29.36 1.24 0.00	30.19 1.49 0.00	29.83 1.66 0.00	30.10 1.81 0.00	28.52 1.41 0.00	26.33 1.18 0.00	26.40 1.11 0.00	26.53 1.24 0.00	26.88 1.26 0.00	27.44 1.31 0.00	30.11 1.76 0.00	40.08 2.73 0.00	53.27 3.40 -3.96	46.72 3.18 0.00	41.10 2.76 -0.03	36.43 2.48 0.00	33.96 2.25 -0.09	30.93 1.94 0.00	30.09 1.62 0.00
INDIAN POINT___3 23531	29.86 1.48 0.00	29.55 1.30 0.00	29.16 1.12 0.00	28.99 1.01 0.00	28.72 1.02 0.00	29.36 1.24 0.00	30.17 1.46 0.00	29.83 1.66 0.00	29.76 1.47 0.00	28.52 1.41 0.00	26.33 1.18 0.00	26.41 1.11 0.00	26.51 1.21 0.00	26.86 1.23 0.00	27.41 1.28 0.00	30.08 1.73 0.00	40.04 2.69 0.00	53.29 3.35 -4.02	46.72 3.18 0.00	41.06 2.72 -0.03	36.39 2.44 0.00	33.99 2.28 -0.09	30.93 1.94 0.00	29.98 1.51 0.00
INGHAM_C_115KV_TB7 356103	29.17 0.79 0.00	29.01 0.76 0.00	28.77 0.73 0.00	28.71 0.73 0.00	28.45 0.75 0.00	28.91 0.79 0.00	29.51 0.80 0.00	28.93 0.76 0.00	29.02 0.74 0.00	27.82 0.70 0.00	25.78 0.63 0.00	25.90 0.61 0.00	25.90 0.61 0.00	26.24 0.62 0.00	26.76 0.63 0.00	29.03 0.68 0.00	38.36 1.01 0.00	47.26 1.24 -0.11	44.77 1.22 0.00	39.39 1.07 0.00	34.90 0.95 0.00	32.54 0.92 0.00	29.83 0.84 0.00	29.26 0.80 0.00
IP CORINTH___1 23988	29.43 1.05 0.00	29.24 0.99 0.00	28.85 0.81 0.00	28.74 0.76 0.00	28.64 0.94 0.00	29.22 1.10 0.00	30.02 1.32 0.00	29.44 1.27 0.00	29.36 1.07 0.00	28.03 0.92 0.00	25.93 0.78 0.00	25.80 0.51 0.00	25.83 0.53 0.00	26.22 0.59 0.00	26.79 0.65 0.00	29.17 0.82 0.00	39.14 1.79 0.00	53.56 2.39 -5.26	45.81 2.26 0.00	40.38 2.03 -0.04	35.58 1.63 0.00	33.16 1.42 -0.12	30.49 1.51 0.00	29.69 1.22 0.00
IP___TICONDEROGA 23804	30.79 2.41 0.00	30.59 2.34 0.00	30.14 2.10 0.00	30.02 2.04 0.00	30.05 2.35 0.00	30.74 2.62 0.00	31.66 2.96 0.00	31.02 2.85 0.00	30.89 2.60 0.00	29.50 2.39 0.00	27.23 2.09 0.00	27.04 1.75 0.00	27.01 1.72 0.00	27.42 1.79 0.00	28.01 1.88 0.00	30.70 2.35 0.00	41.61 4.26 0.00	56.68 5.51 -5.26	48.86 5.31 0.00	43.10 4.75 -0.04	37.78 3.84 0.00	35.09 3.35 -0.12	32.14 3.16 0.00	31.09 2.62 0.00
ISLIP_RES_REC 323679	36.89 2.52 -5.99	36.54 2.40 -5.89	35.67 2.10 -5.53	35.61 1.96 -5.67	36.20 1.97 -6.53	35.64 2.22 -5.30	37.22 2.58 -5.94	37.32 2.70 -6.44	36.93 2.83 -5.82	36.13 2.33 -6.69	40.57 2.04 -13.39	37.17 1.97 -9.91	39.92 2.10 -12.52	39.90 2.10 -12.16	41.40 2.27 -12.99	43.05 2.95 -11.75	64.95 4.41 -23.19	80.75 5.60 -29.24	75.65 5.27 -26.84	64.35 4.52 -21.52	60.81 3.97 -22.89	55.31 3.57 -20.12	42.29 3.10 -10.21	40.81 2.68 -9.67
JAMAICA__27_KV_LOAD 355505	30.25 1.87 0.00	29.91 1.67 0.00	29.50 1.46 0.00	29.30 1.32 0.00	29.00 1.30 0.00	29.78 1.66 0.00	30.71 2.01 0.00	30.43 2.25 0.00	30.41 2.12 0.00	29.17 2.06 0.00	26.88 1.74 0.00	26.94 1.64 0.00	27.06 1.77 0.00	27.42 1.79 0.00	27.99 1.86 0.00	30.79 2.44 0.00	40.97 3.62 0.00	54.48 4.50 -4.06	47.77 4.22 0.00	41.98 3.64 -0.03	37.24 3.29 0.00	34.78 3.07 -0.09	31.59 2.61 0.00	30.52 2.05 0.00
JANIS___SOLAR 323808	30.17 1.79 0.00	30.03 1.78 0.00	29.69 1.65 0.00	29.63 1.65 0.00	29.31 1.61 0.00	29.92 1.80 0.00	30.68 1.98 0.00	29.95 1.78 0.00	29.92 1.64 0.00	28.39 1.27 0.00	26.35 1.21 0.00	26.61 1.31 0.00	26.46 1.16 0.00	26.81 1.18 0.00	27.34 1.20 0.00	30.02 1.67 0.00	39.63 2.28 0.00	50.49 3.08 -1.50	46.46 2.92 0.00	40.70 2.38 -0.01	36.02 2.07 0.00	33.36 1.71 -0.03	30.72 1.74 0.00	30.09 1.62 0.00

JARVIS____ 23743	28.46 0.09 0.00	28.33 0.08 0.00	28.09 0.06 0.00	28.04 0.06 0.00	27.76 0.06 0.00	28.21 0.08 0.00	28.82 0.12 0.00	28.26 0.08 0.00	28.40 0.11 0.00	27.17 0.05 0.00	25.17 0.03 0.00	25.32 0.03 0.00	25.32 0.03 0.00	25.65 0.03 0.00	26.19 0.05 0.00	28.44 0.09 0.00	37.58 0.23 0.00	46.30 0.28 -0.11	43.81 0.26 0.00	38.55 0.23 0.00	34.12 0.17 0.00	31.78 0.16 0.00	29.13 0.15 0.00	28.58 0.11 0.00
JENNISON____1 23625	30.39 2.01 0.00	30.23 1.98 0.00	29.86 1.82 0.00	29.83 1.85 0.00	29.47 1.77 0.00	30.15 2.02 0.00	30.77 2.07 0.00	30.12 1.94 0.00	29.92 1.64 0.00	28.66 1.55 0.00	26.61 1.46 0.00	26.86 1.57 0.00	26.76 1.47 0.00	27.09 1.46 0.00	27.62 1.49 0.00	30.34 1.98 0.00	40.08 2.73 0.00	51.13 3.44 -1.77	46.86 3.31 0.00	41.12 2.80 -0.01	36.33 2.38 0.00	33.72 2.06 -0.04	31.01 2.03 0.00	30.20 1.74 0.00
JENNISON____2 23626	30.39 2.01 0.00	30.23 1.98 0.00	29.86 1.82 0.00	29.83 1.85 0.00	29.47 1.77 0.00	30.15 2.02 0.00	30.77 2.07 0.00	30.12 1.94 0.00	29.92 1.64 0.00	28.66 1.55 0.00	26.61 1.46 0.00	26.86 1.57 0.00	26.76 1.47 0.00	27.09 1.46 0.00	27.62 1.49 0.00	30.34 1.98 0.00	40.08 2.73 0.00	51.13 3.44 -1.77	46.86 3.31 0.00	41.12 2.80 -0.01	36.33 2.38 0.00	33.72 2.06 -0.04	31.01 2.03 0.00	30.20 1.74 0.00
JERICHO_RISE_WT_PWR 323719	28.95 0.57 0.00	28.84 0.59 0.00	28.80 0.76 0.00	28.79 0.81 0.00	28.47 0.77 0.00	28.77 0.65 0.00	29.25 0.54 0.00	28.82 0.65 0.00	28.91 0.62 0.00	27.95 0.84 0.00	25.85 0.70 0.00	26.05 0.76 0.00	26.03 0.73 0.00	26.37 0.74 0.00	26.86 0.73 0.00	28.89 0.54 0.00	37.91 0.56 0.00	46.74 0.83 0.00	44.50 0.96 0.00	39.27 0.96 0.00	34.73 0.78 0.00	32.38 0.76 0.00	29.53 0.55 0.00	29.01 0.54 0.00
KATONAH____115KV_46KV_TB4 355592	29.97 1.59 0.00	29.66 1.41 0.00	29.27 1.23 0.00	29.13 1.15 0.00	28.78 1.08 0.00	29.42 1.29 0.00	30.25 1.55 0.00	29.97 1.80 0.00	29.92 1.64 0.00	28.66 1.55 0.00	26.43 1.28 0.00	26.43 1.14 0.00	26.66 1.37 0.00	26.99 1.36 0.00	27.57 1.44 0.00	30.28 1.93 0.00	40.23 2.88 0.00	53.86 3.81 -4.14	47.12 3.57 0.00	41.49 3.14 -0.03	36.73 2.78 0.00	34.28 2.56 -0.09	31.13 2.14 0.00	30.17 1.71 0.00
KCE_NY_1 323755	29.69 1.31 0.00	29.55 1.30 0.00	29.13 1.09 0.00	28.99 1.01 0.00	28.81 1.11 0.00	29.42 1.29 0.00	30.25 1.55 0.00	29.66 1.49 0.00	29.78 1.50 0.00	28.25 1.14 0.00	26.13 0.98 0.00	26.13 0.83 0.00	26.15 0.86 0.00	26.55 0.92 0.00	27.13 0.99 0.00	29.71 1.36 0.00	39.78 2.43 0.00	54.19 3.03 -5.25	46.42 2.87 0.00	40.92 2.57 -0.04	36.12 2.17 0.00	33.70 1.96 -0.12	30.75 1.77 0.00	29.97 1.51 0.00
KCE_NY_6_ESR 323823	28.92 0.54 0.00	28.84 0.59 0.00	28.35 0.31 0.00	28.34 0.36 0.00	28.12 0.42 0.00	28.49 0.36 0.00	29.62 0.92 0.00	27.72 -0.45 0.00	27.58 -0.71 0.00	26.16 -0.95 0.00	25.07 -0.08 0.00	25.52 0.23 0.00	25.34 0.05 0.00	25.50 -0.13 0.00	25.82 -0.31 0.00	28.29 -0.06 0.00	36.15 -1.20 0.00	44.93 -2.16 -1.17	41.63 -1.92 0.00	36.22 -2.11 -0.01	32.25 -1.70 0.00	30.04 -1.61 -0.03	28.37 -0.61 0.00	27.90 -0.57 0.00
KEDC_PORT_JEFF_GT2 24210	36.72 2.35 -5.99	36.40 2.26 -5.89	35.53 1.96 -5.53	35.47 1.82 -5.67	36.06 1.83 -6.53	35.50 2.08 -5.30	37.05 2.41 -5.94	37.18 2.56 -6.44	36.79 2.69 -5.82	36.00 2.20 -6.69	40.47 1.94 -13.39	37.07 1.87 -9.91	39.79 1.97 -12.52	39.79 2.00 -12.16	41.24 2.12 -12.99	42.85 2.75 -11.75	64.69 4.15 -23.19	80.39 5.23 -29.24	75.31 4.92 -26.84	64.05 4.21 -21.52	60.57 3.73 -22.89	55.09 3.35 -20.12	42.09 2.90 -10.21	40.64 2.51 -9.67
KEDC_PORT_JEFF_GT3 24211	36.72 2.35 -5.99	36.40 2.26 -5.89	35.53 1.96 -5.53	35.47 1.82 -5.67	36.06 1.83 -6.53	35.50 2.08 -5.30	37.05 2.41 -5.94	37.18 2.56 -6.44	36.79 2.69 -5.82	36.00 2.20 -6.69	40.47 1.94 -13.39	37.07 1.87 -9.91	39.79 1.97 -12.52	39.79 2.00 -12.16	41.24 2.12 -12.99	42.85 2.75 -11.75	64.69 4.15 -23.19	80.39 5.23 -29.24	75.31 4.92 -26.84	64.05 4.21 -21.52	60.57 3.73 -22.89	55.09 3.35 -20.12	42.09 2.90 -10.21	40.64 2.51 -9.67
KEDC_GLWD_GT4 24219	36.55 2.19 -5.99	36.23 2.09 -5.89	35.39 1.82 -5.53	35.33 1.68 -5.67	35.89 1.66 -6.53	35.36 1.94 -5.30	36.88 2.24 -5.94	36.98 2.37 -6.44	36.62 2.52 -5.82	35.89 2.09 -6.69	40.35 1.81 -13.39	36.94 1.74 -9.91	39.69 1.87 -12.52	39.69 1.90 -12.16	41.08 1.96 -12.99	42.65 2.55 -11.75	64.31 3.77 -23.19	79.84 4.69 -29.24	74.78 4.40 -26.84	63.63 3.79 -21.52	60.23 3.39 -22.89	54.87 3.13 -20.12	41.91 2.72 -10.21	40.50 2.36 -9.67
KEDC_GLWD_GT5 24220	36.55 2.19 -5.99	36.23 2.09 -5.89	35.39 1.82 -5.53	35.33 1.68 -5.67	35.89 1.66 -6.53	35.36 1.94 -5.30	36.88 2.24 -5.94	36.98 2.37 -6.44	36.62 2.52 -5.82	35.89 2.09 -6.69	40.35 1.81 -13.39	36.94 1.74 -9.91	39.69 1.87 -12.52	39.69 1.90 -12.16	41.08 1.96 -12.99	42.65 2.55 -11.75	64.31 3.77 -23.19	79.84 4.69 -29.24	74.78 4.40 -26.84	63.63 3.79 -21.52	60.23 3.39 -22.89	54.87 3.13 -20.12	41.91 2.72 -10.21	40.50 2.36 -9.67
KENSICO____ 23655	29.94 1.56 0.00	29.63 1.38 0.00	29.24 1.21 0.00	29.07 1.09 0.00	28.81 1.11 0.00	29.44 1.32 0.00	30.28 1.58 0.00	29.95 1.77 0.00	29.87 1.58 0.00	28.63 1.52 0.00	26.43 1.28 0.00	26.51 1.21 0.00	26.63 1.34 0.00	26.99 1.36 0.00	27.54 1.41 0.00	30.22 1.87 0.00	40.23 2.88 0.00	53.55 3.58 -4.06	46.90 3.35 0.00	41.26 2.91 -0.03	36.56 2.61 0.00	34.12 2.40 -0.09	31.04 2.06 0.00	30.09 1.62 0.00
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	29.91 1.53 0.00	29.63 1.38 0.00	29.24 1.21 0.00	29.10 1.12 0.00	28.81 1.11 0.00	29.39 1.27 0.00	30.11 1.41 0.00	29.81 1.63 0.00	29.70 1.41 0.00	28.39 1.27 0.00	26.18 1.03 0.00	26.20 0.91 0.00	26.36 1.06 0.00	26.68 1.05 0.00	27.28 1.15 0.00	29.97 1.62 0.00	39.97 2.61 0.00	53.11 3.40 -3.80	46.86 3.31 0.00	41.14 2.80 -0.03	36.43 2.48 0.00	33.95 2.25 -0.08	30.84 1.86 0.00	29.95 1.48 0.00
KIAC_JFK_GT1 23816	30.17 1.79 0.00	29.83 1.58 0.00	29.41 1.37 0.00	29.21 1.23 0.00	28.95 1.25 0.00	29.70 1.57 0.00	30.63 1.92 0.00	30.34 2.17 0.00	30.32 2.04 0.00	29.09 1.98 0.00	26.81 1.66 0.00	26.86 1.57 0.00	26.99 1.69 0.00	27.37 1.74 0.00	27.91 1.78 0.00	30.70 2.35 0.00	40.86 3.51 0.00	54.29 4.32 -4.06	47.64 4.09 0.00	41.87 3.52 -0.03	37.11 3.16 0.00	34.65 2.94 -0.09	31.51 2.52 0.00	30.43 1.96 0.00
KIAC_JFK_GT2 23817	30.17 1.79 0.00	29.83 1.58 0.00	29.41 1.37 0.00	29.21 1.23 0.00	28.95 1.25 0.00	29.70 1.57 0.00	30.63 1.92 0.00	30.34 2.17 0.00	30.32 2.04 0.00	29.09 1.98 0.00	26.81 1.66 0.00	26.86 1.57 0.00	26.99 1.69 0.00	27.37 1.74 0.00	27.91 1.78 0.00	30.70 2.35 0.00	40.86 3.51 0.00	54.29 4.32 -4.06	47.64 4.09 0.00	41.87 3.52 -0.03	37.11 3.16 0.00	34.65 2.94 -0.09	31.51 2.52 0.00	30.43 1.96 0.00

KIAC_JFK____ 323774	30.17 1.79 0.00	29.94 1.69 0.00	29.44 1.40 0.00	29.21 1.23 0.00	28.92 1.22 0.00	29.70 1.57 0.00	30.66 1.95 0.00	30.34 2.17 0.00	30.66 2.38 0.00	29.09 1.98 0.00	26.81 1.66 0.00	26.86 1.57 0.00	26.99 1.69 0.00	27.37 1.74 0.00	27.91 1.78 0.00	30.70 2.35 0.00	40.90 3.55 0.00	54.34 4.36 -4.06	47.64 4.09 0.00	41.91 3.56 -0.03	37.14 3.19 0.00	34.65 2.94 -0.09	31.54 2.55 0.00	30.54 2.08 0.00
KINTIGH____ 23543	28.27 -0.11 0.00	28.16 -0.08 0.00	27.62 -0.42 0.00	27.76 -0.22 0.00	27.23 -0.47 0.00	27.90 -0.22 0.00	28.73 0.03 0.00	27.16 -1.01 0.00	26.56 -1.73 0.00	25.65 -1.46 0.00	24.54 -0.60 0.00	24.96 -0.33 0.00	24.79 -0.51 0.00	24.96 -0.67 0.00	25.30 -0.84 0.00	27.67 -0.68 0.00	35.52 -1.83 0.00	44.52 -2.48 -1.08	40.67 -2.87 0.00	35.72 -2.61 -0.01	31.67 -2.27 0.00	29.46 -2.18 -0.02	27.83 -1.16 0.00	27.36 -1.11 0.00
KNTFSRNC_46_KV_46KV_LOAD 80397	29.40 1.02 0.00	29.38 1.13 0.00	29.24 1.21 0.00	29.21 1.23 0.00	28.84 1.14 0.00	29.19 1.07 0.00	29.82 1.12 0.00	29.33 1.16 0.00	29.64 1.36 0.00	28.36 1.25 0.00	26.25 1.11 0.00	26.46 1.16 0.00	26.43 1.14 0.00	26.78 1.15 0.00	27.28 1.15 0.00	29.34 0.99 0.00	38.58 1.23 0.00	47.71 1.79 0.00	45.37 1.83 0.00	40.04 1.72 0.00	35.37 1.43 0.00	33.01 1.39 0.00	30.06 1.07 0.00	29.63 1.17 0.00
LACHUTE____HYDRO 323717	30.79 2.41 0.00	30.65 2.40 0.00	30.17 2.13 0.00	30.02 2.04 0.00	30.03 2.33 0.00	30.74 2.62 0.00	31.72 3.01 0.00	31.02 2.84 0.00	31.14 2.86 0.00	29.50 2.39 0.00	27.23 2.09 0.00	27.04 1.74 0.00	27.02 1.72 0.00	27.42 1.79 0.00	28.02 1.88 0.00	30.73 2.38 0.00	41.61 4.26 0.00	56.68 5.51 -5.26	48.86 5.31 0.00	43.06 4.71 -0.04	37.75 3.80 0.00	35.06 3.32 -0.12	32.14 3.16 0.00	31.20 2.73 0.00
LAWRNCALV_115KV_TB1 80681	28.49 0.11 0.00	28.45 0.20 0.00	28.40 0.36 0.00	28.37 0.39 0.00	28.03 0.33 0.00	28.35 0.22 0.00	28.82 0.11 0.00	28.34 0.17 0.00	28.71 0.42 0.00	27.49 0.38 0.00	25.42 0.28 0.00	25.60 0.30 0.00	25.57 0.28 0.00	25.88 0.26 0.00	26.32 0.18 0.00	28.24 -0.11 0.00	37.05 -0.30 0.00	45.83 -0.18 -0.10	43.50 -0.04 0.00	38.35 0.04 0.00	33.88 -0.07 0.00	31.75 0.13 0.00	29.07 0.09 0.00	28.67 0.20 0.00
LEDERLE____ 23769	29.97 1.59 0.00	29.66 1.41 0.00	29.24 1.21 0.00	29.10 1.12 0.00	28.81 1.11 0.00	29.44 1.32 0.00	30.22 1.52 0.00	29.92 1.75 0.00	29.84 1.56 0.00	28.58 1.46 0.00	26.38 1.23 0.00	26.48 1.19 0.00	26.58 1.29 0.00	26.94 1.31 0.00	27.49 1.36 0.00	30.19 1.84 0.00	40.19 2.84 0.00	53.40 3.58 -3.90	46.90 3.35 0.00	41.22 2.87 -0.03	36.53 2.58 0.00	34.08 2.37 -0.09	31.01 2.03 0.00	30.09 1.62 0.00
LIGHTHSE_115KV_TB6 355974	28.21 -0.17 0.00	28.05 -0.20 0.00	27.79 -0.25 0.00	27.73 -0.25 0.00	27.42 -0.28 0.00	27.98 -0.14 0.00	28.59 -0.11 0.00	27.95 -0.23 0.00	27.86 -0.42 0.00	26.70 -0.41 0.00	24.79 -0.35 0.00	24.94 -0.35 0.00	24.86 -0.43 0.00	25.22 -0.41 0.00	25.72 -0.42 0.00	27.93 -0.43 0.00	36.87 -0.49 0.00	46.22 -0.37 -0.68	43.15 -0.39 0.00	37.94 -0.38 0.00	33.54 -0.41 0.00	31.23 -0.41 -0.02	28.75 -0.23 0.00	28.27 -0.20 0.00
LINDEN COGEN____ 23786	29.97 1.59 0.00	29.74 1.50 0.00	29.27 1.23 0.00	29.05 1.06 0.00	28.75 1.05 0.00	29.44 1.32 0.00	30.34 1.64 0.00	30.00 1.83 0.00	30.29 2.01 0.00	28.74 1.63 0.00	26.50 1.36 0.00	26.58 1.29 0.00	26.68 1.39 0.00	27.06 1.43 0.00	27.60 1.46 0.00	30.28 1.93 0.00	40.30 2.95 0.00	53.56 3.58 -4.06	46.90 3.35 0.00	41.25 2.91 -0.03	36.60 2.65 0.00	34.15 2.44 -0.09	31.10 2.11 0.00	30.20 1.74 0.00
LINDHRST_69_KV_BK1 356055	36.72 2.36 -5.98	36.30 2.18 -5.88	35.49 1.93 -5.52	35.46 1.82 -5.66	36.05 1.83 -6.53	35.46 2.05 -5.29	37.01 2.38 -5.93	37.14 2.54 -6.44	36.44 2.35 -5.81	36.02 2.22 -6.68	40.46 1.94 -13.38	37.04 1.85 -9.90	39.78 1.97 -12.52	39.78 2.00 -12.16	41.21 2.09 -12.98	42.73 2.64 -11.74	64.42 3.88 -23.18	80.01 4.87 -29.23	74.95 4.57 -26.83	63.74 3.91 -21.51	60.33 3.50 -22.88	54.99 3.26 -20.11	42.05 2.87 -10.20	40.52 2.39 -9.66
LIPA_MISC_IPP 23656	36.69 2.33 -5.98	36.30 2.18 -5.88	35.49 1.93 -5.52	35.46 1.82 -5.66	36.05 1.83 -6.53	35.46 2.05 -5.29	37.07 2.44 -5.93	37.17 2.56 -6.44	36.44 2.35 -5.81	35.99 2.20 -6.68	40.41 1.89 -13.38	37.04 1.85 -9.90	39.76 1.95 -12.52	39.76 1.97 -12.16	41.21 2.09 -12.98	42.81 2.72 -11.74	64.64 4.11 -23.18	80.43 5.28 -29.23	75.34 4.96 -26.83	64.04 4.21 -21.51	60.57 3.73 -22.88	55.12 3.38 -20.11	42.05 2.87 -10.20	40.49 2.36 -9.66
LISF____SOLAR 323691	36.75 2.38 -5.99	36.45 2.32 -5.89	35.59 2.02 -5.53	35.50 1.85 -5.67	36.09 1.86 -6.53	35.53 2.11 -5.30	37.11 2.47 -5.94	37.21 2.59 -6.44	36.82 2.72 -5.82	36.03 2.22 -6.69	40.47 1.94 -13.39	37.07 1.87 -9.91	39.79 1.97 -12.52	39.79 2.00 -12.16	41.27 2.14 -12.99	42.91 2.81 -11.75	64.76 4.22 -23.19	80.57 5.42 -29.24	75.48 5.09 -26.84	64.16 4.33 -21.52	60.67 3.84 -22.89	55.19 3.45 -20.12	42.15 2.96 -10.21	40.67 2.53 -9.67
LITTLE FALLS____HYD 24013	29.17 0.79 0.00	29.01 0.76 0.00	28.77 0.73 0.00	28.71 0.73 0.00	28.45 0.75 0.00	28.91 0.79 0.00	29.51 0.80 0.00	28.93 0.76 0.00	29.02 0.74 0.00	27.82 0.70 0.00	25.78 0.63 0.00	25.90 0.61 0.00	25.90 0.61 0.00	26.24 0.62 0.00	26.76 0.63 0.00	29.03 0.68 0.00	38.36 1.01 0.00	47.26 1.24 -0.11	44.77 1.22 0.00	39.39 1.07 0.00	34.90 0.95 0.00	32.54 0.92 0.00	29.83 0.84 0.00	29.26 0.80 0.00
LITTLRIV_115KV_TB1 356100	28.83 0.45 0.00	28.78 0.54 0.00	28.71 0.67 0.00	28.71 0.73 0.00	28.36 0.66 0.00	28.68 0.56 0.00	29.13 0.43 0.00	28.65 0.48 0.00	29.05 0.76 0.00	27.79 0.68 0.00	25.65 0.50 0.00	25.82 0.53 0.00	25.80 0.51 0.00	26.12 0.49 0.00	26.58 0.44 0.00	28.52 0.17 0.00	37.50 0.15 0.00	46.44 0.41 -0.11	44.11 0.57 0.00	38.85 0.54 0.00	34.32 0.37 0.00	32.10 0.47 0.00	29.39 0.41 0.00	28.95 0.48 0.00
LI_NEWBRDGE____DRP 323616	36.38 2.01 -5.98	35.97 1.84 -5.88	35.21 1.65 -5.52	35.19 1.54 -5.66	35.75 1.52 -6.53	35.18 1.77 -5.29	36.64 2.01 -5.93	36.80 2.20 -6.44	36.13 2.04 -5.81	35.72 1.92 -6.68	40.21 1.68 -13.38	36.81 1.62 -9.90	39.56 1.75 -12.52	39.55 1.77 -12.16	40.94 1.83 -12.98	42.42 2.32 -11.74	63.97 3.44 -23.18	79.42 4.27 -29.23	74.38 4.01 -26.83	63.28 3.45 -21.51	59.95 3.12 -22.88	54.61 2.88 -20.11	41.70 2.52 -10.20	40.21 2.08 -9.66
LOCKPORT_115KV_TB60_63_64 80432	28.49 0.11 0.00	28.28 0.03 0.00	27.81 -0.22 0.00	27.84 -0.14 0.00	27.28 -0.42 0.00	27.95 -0.17 0.00	28.93 0.23 0.00	27.07 -1.10 0.00	26.39 -1.90 0.00	25.54 -1.57 0.00	24.52 -0.63 0.00	24.99 -0.30 0.00	24.79 -0.51 0.00	24.94 -0.69 0.00	25.24 -0.89 0.00	27.64 -0.71 0.00	35.45 -1.90 0.00	44.09 -2.94 -1.12	40.54 -3.00 0.00	35.56 -2.76 -0.01	31.54 -2.41 0.00	29.31 -2.34 -0.02	27.80 -1.19 0.00	27.36 -1.11 0.00

LOCKPORT___CC1 323769	28.49 0.11 0.00	28.42 0.17 0.00	27.84 -0.19 0.00	27.95 -0.03 0.00	27.70 0.00 0.00	28.09 -0.03 0.00	29.22 0.52 0.00	27.10 -1.07 0.00	26.90 -1.39 0.00	25.54 -1.57 0.00	24.54 -0.60 0.00	24.99 -0.30 0.00	24.79 -0.51 0.00	24.96 -0.67 0.00	25.27 -0.86 0.00	27.67 -0.68 0.00	35.26 -2.09 0.00	44.14 -2.89 -1.12	40.50 -3.05 0.00	35.26 -3.07 -0.01	31.44 -2.51 0.00	29.53 -2.12 -0.03	27.80 -1.19 0.00	27.44 -1.02 0.00
LOCKPORT___CC2 323770	28.49 0.11 0.00	28.42 0.17 0.00	27.84 -0.19 0.00	27.95 -0.03 0.00	27.70 0.00 0.00	28.09 -0.03 0.00	29.22 0.52 0.00	27.10 -1.07 0.00	26.90 -1.39 0.00	25.54 -1.57 0.00	24.54 -0.60 0.00	24.99 -0.30 0.00	24.79 -0.51 0.00	24.96 -0.67 0.00	25.27 -0.86 0.00	27.67 -0.68 0.00	35.26 -2.09 0.00	44.14 -2.89 -1.12	40.50 -3.05 0.00	35.26 -3.07 -0.01	31.44 -2.51 0.00	29.53 -2.12 -0.03	27.80 -1.19 0.00	27.44 -1.02 0.00
LOCKPORT___CC3 323771	28.49 0.11 0.00	28.42 0.17 0.00	27.84 -0.19 0.00	27.95 -0.03 0.00	27.70 0.00 0.00	28.09 -0.03 0.00	29.22 0.52 0.00	27.10 -1.07 0.00	26.90 -1.39 0.00	25.54 -1.57 0.00	24.54 -0.60 0.00	24.99 -0.30 0.00	24.79 -0.51 0.00	24.96 -0.67 0.00	25.27 -0.86 0.00	27.67 -0.68 0.00	35.26 -2.09 0.00	44.14 -2.89 -1.12	40.50 -3.05 0.00	35.26 -3.07 -0.01	31.44 -2.51 0.00	29.53 -2.12 -0.03	27.80 -1.19 0.00	27.44 -1.02 0.00
LONG_LAKE_PHOENIX 24014	28.04 -0.34 0.00	27.88 -0.37 0.00	27.62 -0.42 0.00	27.56 -0.42 0.00	27.26 -0.44 0.00	27.78 -0.34 0.00	28.42 -0.29 0.00	27.81 -0.37 0.00	27.75 -0.54 0.00	26.62 -0.49 0.00	24.77 -0.38 0.00	24.96 -0.33 0.00	24.89 -0.40 0.00	25.22 -0.41 0.00	25.69 -0.44 0.00	27.90 -0.45 0.00	36.75 -0.60 0.00	45.96 -0.69 -0.74	42.81 -0.74 0.00	37.63 -0.69 -0.01	33.37 -0.58 0.00	31.04 -0.60 -0.02	28.55 -0.43 0.00	28.13 -0.34 0.00
LOVETT___3 23632	29.83 1.45 0.00	29.52 1.27 0.00	29.13 1.09 0.00	28.96 0.98 0.00	28.70 1.00 0.00	29.33 1.21 0.00	30.11 1.41 0.00	29.81 1.63 0.00	29.73 1.44 0.00	28.49 1.38 0.00	26.30 1.16 0.00	26.38 1.09 0.00	26.51 1.21 0.00	26.83 1.20 0.00	27.39 1.25 0.00	30.05 1.70 0.00	40.00 2.65 0.00	53.14 3.31 -3.92	46.68 3.14 0.00	41.02 2.68 -0.03	36.39 2.44 0.00	33.95 2.25 -0.09	30.90 1.91 0.00	29.95 1.48 0.00
LOVETT___4 23642	29.83 1.45 0.00	29.52 1.27 0.00	29.13 1.09 0.00	28.96 0.98 0.00	28.70 1.00 0.00	29.33 1.21 0.00	30.11 1.41 0.00	29.81 1.63 0.00	29.73 1.44 0.00	28.49 1.38 0.00	26.30 1.16 0.00	26.38 1.09 0.00	26.51 1.21 0.00	26.83 1.20 0.00	27.39 1.25 0.00	30.05 1.70 0.00	40.00 2.65 0.00	53.14 3.31 -3.92	46.68 3.14 0.00	41.02 2.68 -0.03	36.39 2.44 0.00	33.95 2.25 -0.09	30.90 1.91 0.00	29.95 1.48 0.00
LOVETT___5 23593	29.83 1.45 0.00	29.52 1.27 0.00	29.13 1.09 0.00	28.96 0.98 0.00	28.70 1.00 0.00	29.33 1.21 0.00	30.11 1.41 0.00	29.81 1.63 0.00	29.73 1.44 0.00	28.49 1.38 0.00	26.30 1.16 0.00	26.38 1.09 0.00	26.51 1.21 0.00	26.83 1.20 0.00	27.39 1.25 0.00	30.05 1.70 0.00	40.00 2.65 0.00	53.14 3.31 -3.92	46.68 3.14 0.00	41.02 2.68 -0.03	36.39 2.44 0.00	33.95 2.25 -0.09	30.90 1.91 0.00	29.95 1.48 0.00
LOWER RAQUET___HYD 24057	28.52 0.14 0.00	28.39 0.14 0.00	28.38 0.34 0.00	28.40 0.42 0.00	28.09 0.39 0.00	28.35 0.22 0.00	28.76 0.06 0.00	28.37 0.20 0.00	28.46 0.17 0.00	27.52 0.41 0.00	25.42 0.28 0.00	25.60 0.30 0.00	25.57 0.28 0.00	25.88 0.26 0.00	26.32 0.18 0.00	28.18 -0.17 0.00	37.05 -0.30 0.00	45.80 -0.23 -0.12	43.50 -0.04 0.00	38.39 0.08 0.00	33.91 -0.03 0.00	31.75 0.13 0.00	29.10 0.12 0.00	28.58 0.11 0.00
LOWER___HUDSON 24059	29.34 0.97 0.00	29.15 0.90 0.00	28.74 0.70 0.00	28.60 0.61 0.00	28.36 0.66 0.00	28.96 0.84 0.00	29.79 1.09 0.00	29.27 1.10 0.00	29.39 1.10 0.00	27.90 0.79 0.00	25.80 0.65 0.00	25.85 0.56 0.00	25.90 0.61 0.00	26.27 0.64 0.00	26.84 0.71 0.00	29.40 1.05 0.00	39.29 1.94 0.00	53.46 2.39 -5.16	45.72 2.18 0.00	40.30 1.95 -0.04	35.65 1.70 0.00	33.32 1.58 -0.12	30.35 1.36 0.00	29.61 1.14 0.00
LOWVILLE_115KV_TB2 356335	28.75 0.37 0.00	28.59 0.34 0.00	28.37 0.34 0.00	28.35 0.36 0.00	28.03 0.33 0.00	28.54 0.42 0.00	29.08 0.37 0.00	28.54 0.37 0.00	28.65 0.37 0.00	27.38 0.27 0.00	25.27 0.13 0.00	25.42 0.13 0.00	25.37 0.08 0.00	25.71 0.08 0.00	26.24 0.10 0.00	28.52 0.17 0.00	37.76 0.41 0.00	46.99 0.78 -0.29	44.33 0.78 0.00	39.01 0.69 0.00	34.42 0.48 0.00	32.01 0.38 -0.01	29.36 0.38 0.00	28.78 0.31 0.00
LUTHERFT_115KV_GLOB_FND_222 355753	29.68 1.31 0.00	29.46 1.21 0.00	29.10 1.07 0.00	28.96 0.98 0.00	28.84 1.14 0.00	29.39 1.27 0.00	30.20 1.49 0.00	29.67 1.49 0.00	29.56 1.27 0.00	28.22 1.11 0.00	26.10 0.96 0.00	26.10 0.81 0.00	26.13 0.83 0.00	26.53 0.90 0.00	27.10 0.97 0.00	29.66 1.30 0.00	39.70 2.35 0.00	54.15 2.98 -5.25	46.38 2.83 0.00	40.88 2.53 -0.04	36.09 2.14 0.00	33.67 1.93 -0.12	30.72 1.74 0.00	29.86 1.39 0.00
LUTHERNY_35_KV_BK2 355980	29.68 1.31 0.00	29.49 1.24 0.00	29.10 1.07 0.00	28.99 1.01 0.00	28.86 1.16 0.00	29.42 1.29 0.00	30.22 1.52 0.00	29.67 1.49 0.00	29.56 1.27 0.00	28.25 1.14 0.00	26.13 0.98 0.00	26.13 0.83 0.00	26.15 0.86 0.00	26.55 0.92 0.00	27.13 0.99 0.00	29.68 1.33 0.00	39.74 2.39 0.00	54.19 3.03 -5.25	46.42 2.87 0.00	40.92 2.57 -0.04	36.12 2.17 0.00	33.70 1.96 -0.12	30.75 1.77 0.00	29.86 1.39 0.00
LWR___OSWEGATCHIE_HYD 23850	28.35 -0.03 0.00	28.25 0.00 0.00	28.12 0.08 0.00	28.09 0.11 0.00	27.78 0.08 0.00	28.18 0.06 0.00	28.67 -0.03 0.00	28.17 0.00 0.00	28.43 0.14 0.00	27.19 0.08 0.00	25.10 -0.05 0.00	25.27 -0.03 0.00	25.22 -0.08 0.00	25.55 -0.08 0.00	26.00 -0.13 0.00	28.07 -0.28 0.00	37.02 -0.34 0.00	45.99 -0.14 -0.21	43.50 -0.04 0.00	38.32 0.00 0.00	33.85 -0.10 0.00	31.60 -0.03 0.00	28.96 -0.03 0.00	28.47 0.00 0.00
LYONS_FALL_HYD 23570	28.86 0.48 0.00	28.73 0.48 0.00	28.49 0.45 0.00	28.46 0.48 0.00	28.14 0.44 0.00	28.65 0.53 0.00	29.22 0.52 0.00	28.68 0.51 0.00	28.79 0.51 0.00	27.49 0.38 0.00	25.42 0.28 0.00	25.57 0.28 0.00	25.52 0.23 0.00	25.86 0.23 0.00	26.39 0.26 0.00	28.72 0.37 0.00	37.99 0.63 0.00	47.20 1.01 -0.28	44.50 0.96 0.00	39.16 0.84 0.00	34.59 0.64 0.00	32.17 0.54 -0.01	29.48 0.49 0.00	28.92 0.45 0.00
MADISON___COUNTY_LFGE 323628	29.23 0.85 0.00	29.10 0.85 0.00	28.82 0.79 0.00	28.77 0.78 0.00	28.45 0.75 0.00	29.02 0.90 0.00	29.62 0.92 0.00	29.05 0.87 0.00	29.02 0.74 0.00	27.79 0.68 0.00	25.78 0.63 0.00	25.95 0.66 0.00	25.88 0.58 0.00	26.22 0.59 0.00	26.76 0.63 0.00	29.14 0.79 0.00	38.47 1.12 0.00	47.86 1.47 -0.48	44.94 1.39 0.00	39.47 1.15 0.00	34.93 0.98 0.00	32.45 0.82 -0.01	29.80 0.81 0.00	29.26 0.80 0.00

MALONE___115KV_TB1 356076	29.15 0.77 0.00	29.12 0.88 0.00	29.02 0.98 0.00	28.99 1.01 0.00	28.61 0.91 0.00	28.97 0.84 0.00	29.54 0.83 0.00	29.07 0.90 0.00	29.44 1.16 0.00	28.17 1.06 0.00	26.05 0.91 0.00	26.25 0.96 0.00	26.23 0.94 0.00	26.55 0.92 0.00	27.05 0.91 0.00	29.03 0.68 0.00	38.14 0.78 0.00	47.15 1.24 0.00	44.85 1.31 0.00	39.58 1.26 0.00	34.97 1.02 0.00	32.67 1.04 0.00	29.77 0.78 0.00	29.35 0.88 0.00
MAPLEWOD_115KV_TB3 80458	29.23 0.85 0.00	28.98 0.73 0.00	28.63 0.59 0.00	28.51 0.53 0.00	28.34 0.64 0.00	28.85 0.73 0.00	29.68 0.98 0.00	29.16 0.99 0.00	29.08 0.79 0.00	27.79 0.68 0.00	25.75 0.60 0.00	25.80 0.51 0.00	25.85 0.56 0.00	26.24 0.62 0.00	26.79 0.65 0.00	29.29 0.94 0.00	39.14 1.79 0.00	53.28 2.25 -5.12	45.64 2.09 0.00	40.19 1.84 -0.04	35.58 1.63 0.00	33.29 1.55 -0.11	30.26 1.28 0.00	29.38 0.91 0.00
MAPLE_RIDGE_WT_1 323574	28.21 -0.17 0.00	28.08 -0.17 0.00	27.98 -0.06 0.00	27.95 -0.03 0.00	27.67 -0.03 0.00	27.98 -0.14 0.00	28.47 -0.23 0.00	28.00 -0.17 0.00	28.12 -0.17 0.00	27.11 0.00 0.00	25.12 -0.03 0.00	25.27 -0.03 0.00	25.27 -0.03 0.00	25.60 -0.03 0.00	26.11 -0.03 0.00	28.18 -0.17 0.00	37.01 -0.34 0.00	45.50 -0.41 0.00	43.24 -0.30 0.00	38.09 -0.23 0.00	33.71 -0.24 0.00	31.43 -0.19 0.00	28.75 -0.23 0.00	28.24 -0.23 0.00
MAPLE_RIDGE_WT_2 323611	28.21 -0.17 0.00	28.08 -0.17 0.00	27.98 -0.06 0.00	27.95 -0.03 0.00	27.67 -0.03 0.00	27.98 -0.14 0.00	28.47 -0.23 0.00	28.00 -0.17 0.00	28.12 -0.17 0.00	27.11 0.00 0.00	25.12 -0.03 0.00	25.27 -0.03 0.00	25.27 -0.03 0.00	25.60 -0.03 0.00	26.11 -0.03 0.00	28.18 -0.17 0.00	37.01 -0.34 0.00	45.50 -0.41 0.00	43.24 -0.30 0.00	38.09 -0.23 0.00	33.71 -0.24 0.00	31.43 -0.19 0.00	28.75 -0.23 0.00	28.24 -0.23 0.00
MARBLE_RIVER_WT_PWR 323696	29.03 0.65 0.00	28.92 0.68 0.00	28.88 0.84 0.00	28.88 0.90 0.00	28.53 0.83 0.00	28.83 0.70 0.00	29.36 0.66 0.00	28.90 0.73 0.00	28.99 0.71 0.00	28.00 0.89 0.00	25.93 0.78 0.00	26.13 0.83 0.00	26.10 0.81 0.00	26.42 0.80 0.00	26.94 0.81 0.00	28.97 0.62 0.00	38.02 0.67 0.00	46.92 1.01 0.00	44.63 1.09 0.00	39.39 1.07 0.00	34.83 0.88 0.00	32.48 0.85 0.00	29.65 0.67 0.00	29.12 0.66 0.00
MARSHVLE_115KV_TB1 80742	30.00 1.62 0.00	29.86 1.61 0.00	29.50 1.46 0.00	29.44 1.46 0.00	29.25 1.55 0.00	29.89 1.77 0.00	30.65 1.95 0.00	30.09 1.92 0.00	29.95 1.67 0.00	28.58 1.46 0.00	26.38 1.23 0.00	26.51 1.21 0.00	26.51 1.21 0.00	26.88 1.26 0.00	27.49 1.36 0.00	30.28 1.93 0.00	40.56 3.21 0.00	56.59 4.22 -6.45	47.68 4.14 0.00	41.96 3.60 -0.05	36.90 2.95 0.00	34.30 2.53 -0.14	31.16 2.17 0.00	30.17 1.71 0.00
MARSH_HILL_WT_PWR 323713	29.63 1.25 0.00	29.52 1.27 0.00	29.10 1.07 0.00	29.07 1.09 0.00	28.78 1.08 0.00	29.28 1.15 0.00	30.31 1.61 0.00	28.99 0.82 0.00	28.91 0.62 0.00	27.41 0.30 0.00	25.95 0.80 0.00	26.38 1.09 0.00	26.13 0.83 0.00	26.34 0.72 0.00	26.73 0.60 0.00	29.32 0.96 0.00	37.80 0.45 0.00	47.52 0.28 -1.33	43.89 0.35 0.00	38.29 -0.04 -0.01	34.12 0.17 0.00	31.59 -0.06 -0.03	29.53 0.55 0.00	28.87 0.40 0.00
MCINTYRE_115KV_TB2 80467	28.95 0.57 0.00	28.90 0.65 0.00	28.85 0.81 0.00	28.82 0.84 0.00	28.48 0.78 0.00	28.80 0.67 0.00	29.22 0.52 0.00	28.74 0.56 0.00	29.16 0.88 0.00	27.87 0.76 0.00	25.73 0.58 0.00	25.90 0.61 0.00	25.85 0.56 0.00	26.19 0.56 0.00	26.68 0.55 0.00	28.66 0.31 0.00	37.69 0.34 0.00	46.70 0.69 -0.10	44.33 0.78 0.00	39.08 0.77 0.00	34.49 0.54 0.00	32.26 0.63 0.00	29.48 0.49 0.00	29.06 0.60 0.00
MECO___69_KV_BK1 80468	30.73 2.36 0.00	30.62 2.37 0.00	30.22 2.19 0.00	30.16 2.18 0.00	30.05 2.35 0.00	30.77 2.64 0.00	31.63 2.93 0.00	31.05 2.87 0.00	30.94 2.66 0.00	29.47 2.36 0.00	27.11 1.96 0.00	27.27 1.97 0.00	27.29 2.00 0.00	27.81 2.18 0.00	28.46 2.33 0.00	31.41 3.06 0.00	42.24 4.89 0.00	58.38 6.34 -6.13	49.64 6.10 0.00	43.68 5.33 -0.04	38.29 4.35 0.00	35.52 3.76 -0.14	32.23 3.25 0.00	31.06 2.59 0.00
MENANDS__115KV_TB5 355628	29.06 0.68 0.00	28.81 0.56 0.00	28.49 0.45 0.00	28.35 0.36 0.00	28.17 0.47 0.00	28.71 0.59 0.00	29.51 0.80 0.00	29.02 0.85 0.00	28.91 0.62 0.00	27.65 0.54 0.00	25.62 0.48 0.00	25.67 0.38 0.00	25.72 0.43 0.00	26.12 0.49 0.00	26.66 0.52 0.00	29.14 0.79 0.00	38.92 1.57 0.00	52.95 1.93 -5.11	45.33 1.79 0.00	39.96 1.61 -0.04	35.37 1.43 0.00	33.10 1.36 -0.11	30.09 1.10 0.00	29.21 0.74 0.00
MG INDUSTRY___DRP 24185	29.06 0.68 0.00	28.84 0.59 0.00	28.51 0.48 0.00	28.40 0.42 0.00	28.20 0.50 0.00	28.71 0.59 0.00	29.45 0.75 0.00	28.99 0.82 0.00	28.91 0.62 0.00	27.65 0.54 0.00	25.62 0.48 0.00	25.70 0.40 0.00	25.75 0.46 0.00	26.12 0.49 0.00	26.66 0.52 0.00	29.12 0.77 0.00	38.77 1.42 0.00	52.71 1.74 -5.05	45.16 1.61 0.00	39.81 1.46 -0.04	35.24 1.29 0.00	32.97 1.23 -0.11	30.00 1.01 0.00	29.18 0.71 0.00
MID___OSWEGATCHIE_HYD 23849	28.35 -0.03 0.00	28.25 0.00 0.00	28.12 0.08 0.00	28.09 0.11 0.00	27.78 0.08 0.00	28.18 0.06 0.00	28.67 -0.03 0.00	28.17 0.00 0.00	28.43 0.14 0.00	27.19 0.08 0.00	25.10 -0.05 0.00	25.27 -0.03 0.00	25.22 -0.08 0.00	25.55 -0.08 0.00	26.00 -0.13 0.00	28.07 -0.28 0.00	37.02 -0.34 0.00	45.99 -0.14 -0.21	43.50 -0.04 0.00	38.32 0.00 0.00	33.85 -0.10 0.00	31.60 -0.03 0.00	28.96 -0.03 0.00	28.47 0.00 0.00
MID___RAQUETTE_HYD 23851	28.52 0.14 0.00	28.47 0.23 0.00	28.40 0.36 0.00	28.40 0.42 0.00	28.06 0.36 0.00	28.35 0.22 0.00	28.85 0.14 0.00	28.37 0.20 0.00	28.74 0.45 0.00	27.52 0.41 0.00	25.42 0.28 0.00	25.60 0.30 0.00	25.57 0.28 0.00	25.88 0.26 0.00	26.32 0.18 0.00	28.21 -0.14 0.00	37.05 -0.30 0.00	45.85 -0.18 -0.12	43.50 -0.04 0.00	38.35 0.04 0.00	33.88 -0.07 0.00	31.75 0.13 0.00	29.10 0.12 0.00	28.67 0.20 0.00
MILLIKEN___1 23584	29.20 0.82 0.00	29.07 0.82 0.00	28.74 0.70 0.00	28.71 0.73 0.00	28.34 0.64 0.00	28.97 0.84 0.00	29.65 0.95 0.00	29.05 0.87 0.00	28.85 0.57 0.00	27.68 0.57 0.00	25.78 0.63 0.00	26.03 0.73 0.00	25.90 0.61 0.00	26.22 0.59 0.00	26.71 0.57 0.00	29.14 0.79 0.00	38.36 1.01 0.00	48.49 1.33 -1.25	44.77 1.22 0.00	39.32 1.00 -0.01	34.87 0.92 0.00	32.38 0.73 -0.03	29.80 0.81 0.00	29.18 0.71 0.00
MILLIKEN___2 23585	29.20 0.82 0.00	29.07 0.82 0.00	28.74 0.70 0.00	28.71 0.73 0.00	28.34 0.64 0.00	28.97 0.84 0.00	29.65 0.95 0.00	29.05 0.87 0.00	28.85 0.57 0.00	27.68 0.57 0.00	25.78 0.63 0.00	26.03 0.73 0.00	25.90 0.61 0.00	26.22 0.59 0.00	26.71 0.57 0.00	29.14 0.79 0.00	38.36 1.01 0.00	48.49 1.33 -1.25	44.77 1.22 0.00	39.32 1.00 -0.01	34.87 0.92 0.00	32.38 0.73 -0.03	29.80 0.81 0.00	29.18 0.71 0.00

N.AKRON__115KV_KNAPP 355671	28.86 0.48 0.00	28.67 0.42 0.00	28.18 0.14 0.00	28.26 0.28 0.00	27.64 -0.06 0.00	28.38 0.25 0.00	29.33 0.63 0.00	27.52 -0.65 0.00	26.84 -1.44 0.00	25.97 -1.14 0.00	24.90 -0.25 0.00	25.34 0.05 0.00	25.12 -0.18 0.00	25.30 -0.33 0.00	25.64 -0.50 0.00	28.07 -0.28 0.00	36.08 -1.27 0.00	45.09 -1.93 -1.10	41.41 -2.13 0.00	36.29 -2.03 -0.01	32.22 -1.73 0.00	29.88 -1.77 -0.02	28.26 -0.72 0.00	27.76 -0.71 0.00
N.BELMOR_69_KV_BK1 55787	36.52 2.16 -5.98	36.11 1.98 -5.88	35.32 1.77 -5.52	35.30 1.65 -5.66	35.89 1.66 -6.53	35.29 1.88 -5.29	36.78 2.15 -5.93	36.95 2.34 -6.44	36.24 2.15 -5.81	35.86 2.06 -6.68	40.31 1.79 -13.38	36.89 1.69 -9.90	39.63 1.82 -12.52	39.63 1.85 -12.16	41.02 1.91 -12.98	42.56 2.47 -11.74	64.12 3.59 -23.18	79.51 4.36 -29.23	74.47 4.09 -26.83	63.39 3.56 -21.51	60.02 3.19 -22.88	54.80 3.07 -20.11	41.82 2.64 -10.20	40.29 2.16 -9.66
N.E_GEN_SANDY PD 24062	29.52 1.14 0.00	29.29 1.05 0.00	28.85 0.81 0.00	28.71 0.73 0.00	28.42 0.72 0.00	29.05 0.93 0.00	29.67 1.21 0.23	29.70 1.30 -0.23	29.61 1.33 0.00	28.06 0.95 0.00	25.93 0.78 0.00	26.00 0.71 0.00	26.08 0.78 0.00	26.45 0.82 0.00	27.02 0.89 0.00	29.66 1.30 0.00	39.63 2.20 -0.07	53.10 2.66 -4.52	45.98 2.44 0.00	40.49 2.14 -0.03	35.92 1.97 0.00	33.56 1.83 -0.10	30.52 1.54 0.00	29.78 1.31 0.00
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	29.88 1.50 0.00	29.58 1.33 0.00	29.19 1.15 0.00	29.02 1.04 0.00	28.72 1.02 0.00	29.36 1.24 0.00	30.17 1.46 0.00	29.83 1.66 0.00	29.76 1.47 0.00	28.52 1.41 0.00	26.33 1.18 0.00	26.41 1.11 0.00	26.53 1.24 0.00	26.86 1.23 0.00	27.41 1.28 0.00	30.11 1.76 0.00	40.04 2.69 0.00	53.22 3.40 -3.91	46.77 3.22 0.00	41.10 2.76 -0.03	36.43 2.48 0.00	33.99 2.28 -0.09	30.93 1.94 0.00	30.00 1.54 0.00
N.QUEENS_27_KV_LOAD 356247	30.05 1.67 0.00	29.72 1.47 0.00	29.27 1.23 0.00	29.05 1.06 0.00	28.75 1.05 0.00	29.33 1.21 0.00	30.20 1.49 0.00	29.89 1.72 0.00	29.87 1.58 0.00	28.66 1.55 0.00	26.43 1.28 0.00	26.48 1.19 0.00	26.61 1.32 0.00	26.96 1.33 0.00	27.52 1.39 0.00	30.25 1.90 0.00	40.19 2.84 0.00	53.56 3.58 -4.06	46.90 3.35 0.00	41.22 2.87 -0.03	36.49 2.55 0.00	34.12 2.40 -0.09	31.07 2.09 0.00	30.15 1.68 0.00
N.TROY___115KV_TB1 355778	29.34 0.96 0.00	29.10 0.85 0.00	28.74 0.70 0.00	28.60 0.62 0.00	28.42 0.72 0.00	28.97 0.84 0.00	29.76 1.06 0.00	29.27 1.10 0.00	29.19 0.91 0.00	27.90 0.79 0.00	25.80 0.65 0.00	25.85 0.56 0.00	25.90 0.61 0.00	26.27 0.64 0.00	26.84 0.71 0.00	29.37 1.02 0.00	39.26 1.90 0.00	53.46 2.39 -5.16	45.72 2.18 0.00	40.31 1.95 -0.04	35.65 1.70 0.00	33.35 1.61 -0.12	30.32 1.33 0.00	29.46 1.00 0.00
NARROWS_GT1_1 24228	30.34 1.96 -0.01	30.11 1.86 0.00	29.58 1.54 0.00	29.33 1.34 0.00	29.03 1.33 0.00	29.67 1.55 0.00	30.54 1.84 0.00	30.20 2.03 0.00	30.49 2.21 0.00	28.93 1.82 0.00	26.66 1.51 0.00	26.71 1.42 0.00	26.84 1.54 0.00	27.22 1.59 0.00	27.75 1.62 0.00	30.56 2.21 0.00	40.60 3.25 0.00	54.02 4.04 -4.06	47.38 3.83 0.00	41.64 3.30 -0.03	36.90 2.95 0.00	34.53 2.81 -0.10	31.49 2.49 -0.01	30.58 2.11 -0.01
NARROWS_GT1_2 24229	30.34 1.96 -0.01	30.11 1.86 0.00	29.58 1.54 0.00	29.33 1.34 0.00	29.03 1.33 0.00	29.67 1.55 0.00	30.54 1.84 0.00	30.20 2.03 0.00	30.49 2.21 0.00	28.93 1.82 0.00	26.66 1.51 0.00	26.71 1.42 0.00	26.84 1.54 0.00	27.22 1.59 0.00	27.75 1.62 0.00	30.56 2.21 0.00	40.60 3.25 0.00	54.02 4.04 -4.06	47.38 3.83 0.00	41.64 3.30 -0.03	36.90 2.95 0.00	34.53 2.81 -0.10	31.49 2.49 -0.01	30.58 2.11 -0.01
NARROWS_GT1_3 24230	30.34 1.96 -0.01	30.11 1.86 0.00	29.58 1.54 0.00	29.33 1.34 0.00	29.03 1.33 0.00	29.67 1.55 0.00	30.54 1.84 0.00	30.20 2.03 0.00	30.49 2.21 0.00	28.93 1.82 0.00	26.66 1.51 0.00	26.71 1.42 0.00	26.84 1.54 0.00	27.22 1.59 0.00	27.75 1.62 0.00	30.56 2.21 0.00	40.60 3.25 0.00	54.02 4.04 -4.06	47.38 3.83 0.00	41.64 3.30 -0.03	36.90 2.95 0.00	34.53 2.81 -0.10	31.49 2.49 -0.01	30.58 2.11 -0.01
NARROWS_GT1_4 24231	30.34 1.96 -0.01	30.11 1.86 0.00	29.58 1.54 0.00	29.33 1.34 0.00	29.03 1.33 0.00	29.67 1.55 0.00	30.54 1.84 0.00	30.20 2.03 0.00	30.49 2.21 0.00	28.93 1.82 0.00	26.66 1.51 0.00	26.71 1.42 0.00	26.84 1.54 0.00	27.22 1.59 0.00	27.75 1.62 0.00	30.56 2.21 0.00	40.60 3.25 0.00	54.02 4.04 -4.06	47.38 3.83 0.00	41.64 3.30 -0.03	36.90 2.95 0.00	34.53 2.81 -0.10	31.49 2.49 -0.01	30.58 2.11 -0.01
NARROWS_GT1_5 24232	30.34 1.96 -0.01	30.11 1.86 0.00	29.58 1.54 0.00	29.33 1.34 0.00	29.03 1.33 0.00	29.67 1.55 0.00	30.54 1.84 0.00	30.20 2.03 0.00	30.49 2.21 0.00	28.93 1.82 0.00	26.66 1.51 0.00	26.71 1.42 0.00	26.84 1.54 0.00	27.22 1.59 0.00	27.75 1.62 0.00	30.56 2.21 0.00	40.60 3.25 0.00	54.02 4.04 -4.06	47.38 3.83 0.00	41.64 3.30 -0.03	36.90 2.95 0.00	34.53 2.81 -0.10	31.49 2.49 -0.01	30.58 2.11 -0.01
NARROWS_GT1_6 24233	30.34 1.96 -0.01	30.11 1.86 0.00	29.58 1.54 0.00	29.33 1.34 0.00	29.03 1.33 0.00	29.67 1.55 0.00	30.54 1.84 0.00	30.20 2.03 0.00	30.49 2.21 0.00	28.93 1.82 0.00	26.66 1.51 0.00	26.71 1.42 0.00	26.84 1.54 0.00	27.22 1.59 0.00	27.75 1.62 0.00	30.56 2.21 0.00	40.60 3.25 0.00	54.02 4.04 -4.06	47.38 3.83 0.00	41.64 3.30 -0.03	36.90 2.95 0.00	34.53 2.81 -0.10	31.49 2.49 -0.01	30.58 2.11 -0.01
NARROWS_GT1_7 24234	30.34 1.96 -0.01	30.11 1.86 0.00	29.58 1.54 0.00	29.33 1.34 0.00	29.03 1.33 0.00	29.67 1.55 0.00	30.54 1.84 0.00	30.20 2.03 0.00	30.49 2.21 0.00	28.93 1.82 0.00	26.66 1.51 0.00	26.71 1.42 0.00	26.84 1.54 0.00	27.22 1.59 0.00	27.75 1.62 0.00	30.56 2.21 0.00	40.60 3.25 0.00	54.02 4.04 -4.06	47.38 3.83 0.00	41.64 3.30 -0.03	36.90 2.95 0.00	34.53 2.81 -0.10	31.49 2.49 -0.01	30.58 2.11 -0.01
NARROWS_GT1_8 24235	30.34 1.96 -0.01	30.11 1.86 0.00	29.58 1.54 0.00	29.33 1.34 0.00	29.03 1.33 0.00	29.67 1.55 0.00	30.54 1.84 0.00	30.20 2.03 0.00	30.49 2.21 0.00	28.93 1.82 0.00	26.66 1.51 0.00	26.71 1.42 0.00	26.84 1.54 0.00	27.22 1.59 0.00	27.75 1.62 0.00	30.56 2.21 0.00	40.60 3.25 0.00	54.02 4.04 -4.06	47.38 3.83 0.00	41.64 3.30 -0.03	36.90 2.95 0.00	34.53 2.81 -0.10	31.49 2.49 -0.01	30.58 2.11 -0.01
NARROWS_GT2_1 24236	30.34 1.96 -0.01	30.11 1.86 0.00	29.58 1.54 0.00	29.33 1.34 0.00	29.03 1.33 0.00	29.67 1.55 0.00	30.54 1.84 0.00	30.20 2.03 0.00	30.49 2.21 0.00	28.93 1.82 0.00	26.66 1.51 0.00	26.71 1.42 0.00	26.84 1.54 0.00	27.22 1.59 0.00	27.75 1.62 0.00	30.56 2.21 0.00	40.60 3.25 0.00	54.02 4.04 -4.06	47.38 3.83 0.00	41.64 3.30 -0.03	36.90 2.95 0.00	34.53 2.81 -0.10	31.49 2.49 -0.01	30.58 2.11 -0.01

NARROWS_GT2_2 24237	30.34 1.96 -0.01	30.11 1.86 0.00	29.58 1.54 0.00	29.33 1.34 0.00	29.03 1.33 0.00	29.67 1.55 0.00	30.54 1.84 0.00	30.20 2.03 0.00	30.49 2.21 0.00	28.93 1.82 0.00	26.66 1.51 0.00	26.71 1.42 0.00	26.84 1.54 0.00	27.22 1.59 0.00	27.75 1.62 0.00	30.56 2.21 0.00	40.60 3.25 0.00	54.02 4.04 -4.06	47.38 3.83 0.00	41.64 3.30 -0.03	36.90 2.95 0.00	34.53 2.81 -0.10	31.49 2.49 -0.01	30.58 2.11 -0.01
NARROWS_GT2_3 24238	30.34 1.96 -0.01	30.11 1.86 0.00	29.58 1.54 0.00	29.33 1.34 0.00	29.03 1.33 0.00	29.67 1.55 0.00	30.54 1.84 0.00	30.20 2.03 0.00	30.49 2.21 0.00	28.93 1.82 0.00	26.66 1.51 0.00	26.71 1.42 0.00	26.84 1.54 0.00	27.22 1.59 0.00	27.75 1.62 0.00	30.56 2.21 0.00	40.60 3.25 0.00	54.02 4.04 -4.06	47.38 3.83 0.00	41.64 3.30 -0.03	36.90 2.95 0.00	34.53 2.81 -0.10	31.49 2.49 -0.01	30.58 2.11 -0.01
NARROWS_GT2_4 24239	30.34 1.96 -0.01	30.11 1.86 0.00	29.58 1.54 0.00	29.33 1.34 0.00	29.03 1.33 0.00	29.67 1.55 0.00	30.54 1.84 0.00	30.20 2.03 0.00	30.49 2.21 0.00	28.93 1.82 0.00	26.66 1.51 0.00	26.71 1.42 0.00	26.84 1.54 0.00	27.22 1.59 0.00	27.75 1.62 0.00	30.56 2.21 0.00	40.60 3.25 0.00	54.02 4.04 -4.06	47.38 3.83 0.00	41.64 3.30 -0.03	36.90 2.95 0.00	34.53 2.81 -0.10	31.49 2.49 -0.01	30.58 2.11 -0.01
NARROWS_GT2_5 24240	30.34 1.96 -0.01	30.11 1.86 0.00	29.58 1.54 0.00	29.33 1.34 0.00	29.03 1.33 0.00	29.67 1.55 0.00	30.54 1.84 0.00	30.20 2.03 0.00	30.49 2.21 0.00	28.93 1.82 0.00	26.66 1.51 0.00	26.71 1.42 0.00	26.84 1.54 0.00	27.22 1.59 0.00	27.75 1.62 0.00	30.56 2.21 0.00	40.60 3.25 0.00	54.02 4.04 -4.06	47.38 3.83 0.00	41.64 3.30 -0.03	36.90 2.95 0.00	34.53 2.81 -0.10	31.49 2.49 -0.01	30.58 2.11 -0.01
NARROWS_GT2_6 24241	30.34 1.96 -0.01	30.11 1.86 0.00	29.58 1.54 0.00	29.33 1.34 0.00	29.03 1.33 0.00	29.67 1.55 0.00	30.54 1.84 0.00	30.20 2.03 0.00	30.49 2.21 0.00	28.93 1.82 0.00	26.66 1.51 0.00	26.71 1.42 0.00	26.84 1.54 0.00	27.22 1.59 0.00	27.75 1.62 0.00	30.56 2.21 0.00	40.60 3.25 0.00	54.02 4.04 -4.06	47.38 3.83 0.00	41.64 3.30 -0.03	36.90 2.95 0.00	34.53 2.81 -0.10	31.49 2.49 -0.01	30.58 2.11 -0.01
NARROWS_GT2_7 24242	30.34 1.96 -0.01	30.11 1.86 0.00	29.58 1.54 0.00	29.33 1.34 0.00	29.03 1.33 0.00	29.67 1.55 0.00	30.54 1.84 0.00	30.20 2.03 0.00	30.49 2.21 0.00	28.93 1.82 0.00	26.66 1.51 0.00	26.71 1.42 0.00	26.84 1.54 0.00	27.22 1.59 0.00	27.75 1.62 0.00	30.56 2.21 0.00	40.60 3.25 0.00	54.02 4.04 -4.06	47.38 3.83 0.00	41.64 3.30 -0.03	36.90 2.95 0.00	34.53 2.81 -0.10	31.49 2.49 -0.01	30.58 2.11 -0.01
NARROWS_GT2_8 24243	30.34 1.96 -0.01	30.11 1.86 0.00	29.58 1.54 0.00	29.33 1.34 0.00	29.03 1.33 0.00	29.67 1.55 0.00	30.54 1.84 0.00	30.20 2.03 0.00	30.49 2.21 0.00	28.93 1.82 0.00	26.66 1.51 0.00	26.71 1.42 0.00	26.84 1.54 0.00	27.22 1.59 0.00	27.75 1.62 0.00	30.56 2.21 0.00	40.60 3.25 0.00	54.02 4.04 -4.06	47.38 3.83 0.00	41.64 3.30 -0.03	36.90 2.95 0.00	34.53 2.81 -0.10	31.49 2.49 -0.01	30.58 2.11 -0.01
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	29.83 1.45 0.00	29.63 1.38 0.00	29.22 1.18 0.00	29.10 1.12 0.00	29.00 1.30 0.00	29.53 1.41 0.00	30.28 1.58 0.00	29.72 1.55 0.00	29.56 1.27 0.00	28.11 1.00 0.00	26.00 0.85 0.00	25.93 0.63 0.00	25.98 0.68 0.00	26.40 0.77 0.00	27.02 0.89 0.00	29.63 1.28 0.00	40.00 2.65 0.00	53.75 3.08 -4.76	47.07 3.53 0.00	41.34 2.99 -0.03	36.46 2.51 0.00	33.97 2.25 -0.11	30.81 1.83 0.00	29.89 1.42 0.00
NCHELSEA_115KV_TR2 355582	29.97 1.59 0.00	29.69 1.44 0.00	29.30 1.26 0.00	29.13 1.15 0.00	28.86 1.16 0.00	29.44 1.32 0.00	30.22 1.52 0.00	29.89 1.72 0.00	29.78 1.50 0.00	28.49 1.38 0.00	26.30 1.16 0.00	26.30 1.01 0.00	26.46 1.16 0.00	26.81 1.18 0.00	27.41 1.28 0.00	30.08 1.73 0.00	40.12 2.76 0.00	53.54 3.54 -4.09	46.94 3.40 0.00	41.26 2.91 -0.03	36.53 2.58 0.00	34.09 2.37 -0.09	30.96 1.97 0.00	30.06 1.59 0.00
NEG CAPITAL___MECHNVIL 23645	29.69 1.31 0.00	29.52 1.27 0.00	29.10 1.07 0.00	28.96 0.98 0.00	28.78 1.08 0.00	29.39 1.27 0.00	30.22 1.52 0.00	29.66 1.49 0.00	29.75 1.47 0.00	28.25 1.14 0.00	26.13 0.98 0.00	26.13 0.83 0.00	26.15 0.86 0.00	26.55 0.92 0.00	27.13 0.99 0.00	29.74 1.39 0.00	39.82 2.46 0.00	54.26 3.12 -5.22	46.46 2.92 0.00	40.96 2.61 -0.04	36.15 2.21 0.00	33.73 1.99 -0.12	30.75 1.77 0.00	29.97 1.51 0.00
NEG CENTRAL_HIGH_ACRES 23767	27.98 -0.40 0.00	27.88 -0.37 0.00	27.50 -0.53 0.00	27.53 -0.45 0.00	27.20 -0.50 0.00	27.67 -0.45 0.00	28.62 -0.09 0.00	27.30 -0.87 0.00	27.18 -1.10 0.00	25.95 -1.17 0.00	24.54 -0.60 0.00	24.89 -0.41 0.00	24.69 -0.61 0.00	24.94 -0.69 0.00	25.35 -0.78 0.00	27.64 -0.71 0.00	35.82 -1.53 0.00	45.35 -1.56 -1.00	41.50 -2.05 0.00	36.25 -2.07 -0.01	32.29 -1.66 0.00	30.25 -1.39 -0.02	28.00 -0.99 0.00	27.53 -0.94 0.00
NEG CENTRAL___DRP 24199	28.78 0.40 0.00	28.64 0.40 0.00	28.29 0.25 0.00	28.32 0.34 0.00	27.87 0.17 0.00	28.52 0.39 0.00	29.25 0.55 0.00	28.48 0.31 0.00	28.20 -0.08 0.00	27.11 0.00 0.00	25.40 0.25 0.00	25.67 0.38 0.00	25.52 0.23 0.00	25.81 0.18 0.00	26.26 0.13 0.00	28.66 0.31 0.00	37.46 0.11 0.00	47.10 0.18 -1.00	43.59 0.04 0.00	38.28 -0.04 -0.01	34.05 0.10 0.00	31.58 -0.06 -0.02	29.19 0.20 0.00	28.58 0.11 0.00
NEG CENTRAL___INDECK 23768	29.83 1.45 0.00	29.74 1.50 0.00	29.30 1.26 0.00	29.35 1.37 0.00	28.95 1.25 0.00	29.50 1.38 0.00	30.57 1.86 0.00	29.07 0.90 0.00	28.85 0.57 0.00	27.36 0.24 0.00	25.93 0.78 0.00	26.31 1.01 0.00	26.03 0.73 0.00	26.27 0.64 0.00	26.66 0.52 0.00	29.23 0.88 0.00	37.87 0.52 0.00	48.09 0.97 -1.21	44.20 0.65 0.00	38.55 0.23 -0.01	34.36 0.41 0.00	31.93 0.28 -0.03	29.74 0.75 0.00	29.09 0.63 0.00
NEG CENTRAL___SENECA 23627	29.09 0.71 0.00	28.93 0.68 0.00	28.51 0.48 0.00	28.57 0.59 0.00	28.12 0.42 0.00	28.80 0.67 0.00	29.56 0.86 0.00	28.68 0.51 0.00	28.31 0.03 0.00	27.27 0.16 0.00	25.62 0.48 0.00	25.95 0.66 0.00	25.75 0.46 0.00	26.01 0.38 0.00	26.45 0.31 0.00	28.92 0.57 0.00	37.61 0.26 0.00	47.36 0.37 -1.08	43.76 0.22 0.00	38.36 0.04 -0.01	34.22 0.27 0.00	31.68 0.03 -0.02	29.36 0.38 0.00	28.69 0.23 0.00
NEG CENTRAL___STATE_STREET 24147	28.69 0.31 0.00	28.53 0.28 0.00	28.23 0.20 0.00	28.23 0.25 0.00	27.84 0.14 0.00	28.46 0.34 0.00	29.16 0.46 0.00	28.48 0.31 0.00	28.34 0.06 0.00	27.22 0.11 0.00	25.37 0.23 0.00	25.65 0.35 0.00	25.52 0.23 0.00	25.86 0.23 0.00	26.32 0.18 0.00	28.66 0.31 0.00	37.65 0.30 0.00	47.43 0.55 -0.97	43.94 0.39 0.00	38.55 0.23 -0.01	34.19 0.24 0.00	31.74 0.09 -0.02	29.25 0.26 0.00	28.67 0.20 0.00

NEG MILLWOOD___DRP 24198	30.05 1.67 0.00	29.75 1.50 0.00	29.33 1.29 0.00	29.19 1.20 0.00	28.86 1.16 0.00	29.47 1.35 0.00	30.28 1.58 0.00	30.00 1.83 0.00	29.95 1.67 0.00	28.66 1.55 0.00	26.43 1.28 0.00	26.41 1.11 0.00	26.63 1.34 0.00	26.96 1.33 0.00	27.54 1.41 0.00	30.28 1.93 0.00	40.27 2.91 0.00	53.95 3.90 -4.13	47.25 3.70 0.00	41.60 3.26 -0.03	36.80 2.85 0.00	34.34 2.62 -0.09	31.16 2.17 0.00	30.20 1.74 0.00
NEG NORTH_FLCN_SEA 23793	29.40 1.02 0.00	29.35 1.10 0.00	29.24 1.21 0.00	29.21 1.23 0.00	28.84 1.14 0.00	29.19 1.07 0.00	29.79 1.09 0.00	29.30 1.13 0.00	29.61 1.33 0.00	28.33 1.22 0.00	26.23 1.08 0.00	26.46 1.16 0.00	26.41 1.11 0.00	26.76 1.13 0.00	27.26 1.12 0.00	29.34 0.99 0.00	38.51 1.16 0.00	47.61 1.70 0.00	45.24 1.70 0.00	39.92 1.61 0.00	35.27 1.32 0.00	32.92 1.30 0.00	30.03 1.04 0.00	29.61 1.14 0.00
NEG NORTH_KES_CHATEGAY 23792	29.06 0.68 0.00	29.04 0.79 0.00	28.94 0.90 0.00	28.91 0.92 0.00	28.53 0.83 0.00	28.88 0.76 0.00	29.42 0.72 0.00	28.93 0.76 0.00	29.30 1.02 0.00	28.03 0.92 0.00	25.95 0.80 0.00	26.15 0.86 0.00	26.10 0.81 0.00	26.45 0.82 0.00	26.97 0.84 0.00	29.00 0.65 0.00	38.06 0.71 0.00	47.02 1.10 0.00	44.72 1.18 0.00	39.43 1.11 0.00	34.87 0.92 0.00	32.54 0.92 0.00	29.65 0.67 0.00	29.24 0.77 0.00
NEG NORTH___ALICE_FALLS 23915	29.40 1.02 0.00	29.38 1.13 0.00	29.24 1.21 0.00	29.21 1.23 0.00	28.84 1.14 0.00	29.19 1.07 0.00	29.82 1.12 0.00	29.33 1.16 0.00	29.64 1.36 0.00	28.36 1.25 0.00	26.25 1.11 0.00	26.46 1.16 0.00	26.43 1.14 0.00	26.78 1.15 0.00	27.28 1.15 0.00	29.34 0.99 0.00	38.58 1.23 0.00	47.71 1.79 0.00	45.37 1.83 0.00	40.04 1.72 0.00	35.37 1.43 0.00	33.01 1.39 0.00	30.06 1.07 0.00	29.63 1.17 0.00
NEG NORTH___LWR_SARANAC 23913	29.40 1.02 0.00	29.38 1.13 0.00	29.24 1.21 0.00	29.21 1.23 0.00	28.84 1.14 0.00	29.19 1.07 0.00	29.82 1.12 0.00	29.33 1.16 0.00	29.64 1.36 0.00	28.36 1.25 0.00	26.25 1.11 0.00	26.46 1.16 0.00	26.43 1.14 0.00	26.78 1.15 0.00	27.28 1.15 0.00	29.34 0.99 0.00	38.58 1.23 0.00	47.71 1.79 0.00	45.37 1.83 0.00	40.04 1.72 0.00	35.37 1.43 0.00	33.01 1.39 0.00	30.06 1.07 0.00	29.63 1.17 0.00
NEG NORTH___PLATTSBURG 23628	29.40 1.02 0.00	29.29 1.05 0.00	29.22 1.18 0.00	29.21 1.23 0.00	28.89 1.19 0.00	29.19 1.07 0.00	29.77 1.06 0.00	29.33 1.16 0.00	29.36 1.07 0.00	28.36 1.25 0.00	26.25 1.11 0.00	26.46 1.16 0.00	26.43 1.14 0.00	26.78 1.15 0.00	27.28 1.15 0.00	29.34 0.99 0.00	38.58 1.23 0.00	47.66 1.74 0.00	45.37 1.83 0.00	40.04 1.73 0.00	35.37 1.43 0.00	33.01 1.39 0.00	30.06 1.07 0.00	29.52 1.05 0.00
NEG WEST_LEA_LOCKPORT 23791	28.49 0.11 0.00	28.28 0.03 0.00	27.79 -0.25 0.00	27.84 -0.14 0.00	27.28 -0.42 0.00	27.98 -0.14 0.00	28.93 0.23 0.00	27.10 -1.07 0.00	26.42 -1.87 0.00	25.54 -1.57 0.00	24.54 -0.60 0.00	24.99 -0.30 0.00	24.79 -0.51 0.00	24.96 -0.67 0.00	25.27 -0.86 0.00	27.67 -0.68 0.00	35.45 -1.90 0.00	44.10 -2.94 -1.12	40.54 -3.00 0.00	35.56 -2.76 -0.01	31.54 -2.41 0.00	29.34 -2.31 -0.03	27.80 -1.19 0.00	27.36 -1.11 0.00
NEG WEST___LANCASTR 23811	28.80 0.43 0.00	28.67 0.42 0.00	28.12 0.08 0.00	28.21 0.22 0.00	27.70 0.00 0.00	28.35 0.22 0.00	29.22 0.52 0.00	27.86 -0.31 0.00	27.21 -1.07 0.00	26.30 -0.81 0.00	25.15 0.00 0.00	25.62 0.33 0.00	25.42 0.13 0.00	25.55 -0.08 0.00	25.87 -0.26 0.00	28.38 0.03 0.00	36.53 -0.82 0.00	44.03 -3.08 -1.19	41.98 -1.57 0.00	36.75 -1.57 -0.01	32.62 -1.32 0.00	30.32 -1.33 -0.03	28.52 -0.46 0.00	27.78 -0.68 0.00
NEG_PENN_ALLEGHNY 23528	29.09 0.71 0.00	28.98 0.73 0.00	28.60 0.56 0.00	28.54 0.56 0.00	28.25 0.55 0.00	28.77 0.65 0.00	29.56 0.86 0.00	28.79 0.62 0.00	28.88 0.59 0.00	27.46 0.35 0.00	25.65 0.50 0.00	25.90 0.61 0.00	25.83 0.53 0.00	26.11 0.49 0.00	26.58 0.44 0.00	29.03 0.68 0.00	38.10 0.75 0.00	48.42 0.78 -1.72	44.29 0.74 0.00	38.86 0.54 -0.01	34.49 0.54 0.00	32.04 0.38 -0.04	29.56 0.58 0.00	28.98 0.51 0.00
NEG___GEN_MONROE 24207	28.80 0.43 0.00	28.70 0.45 0.00	28.21 0.17 0.00	28.35 0.36 0.00	27.73 0.03 0.00	28.46 0.34 0.00	29.25 0.55 0.00	27.78 -0.39 0.00	27.18 -1.10 0.00	26.30 -0.81 0.00	25.02 -0.13 0.00	25.42 0.13 0.00	25.22 -0.08 0.00	25.35 -0.28 0.00	25.72 -0.42 0.00	28.10 -0.26 0.00	36.38 -0.97 0.00	45.66 -1.29 -1.03	41.76 -1.79 0.00	36.71 -1.61 -0.01	32.62 -1.32 0.00	30.22 -1.42 -0.02	28.46 -0.52 0.00	27.95 -0.51 0.00
NEPA___ENERGY 23901	29.17 0.79 0.00	29.04 0.79 0.00	28.49 0.45 0.00	28.57 0.59 0.00	28.06 0.36 0.00	28.71 0.59 0.00	29.59 0.89 0.00	28.20 0.03 0.00	27.55 -0.74 0.00	26.62 -0.49 0.00	25.45 0.30 0.00	25.93 0.63 0.00	25.72 0.43 0.00	25.86 0.23 0.00	26.19 0.05 0.00	28.72 0.37 0.00	36.94 -0.41 0.00	45.61 -1.52 -1.21	42.46 -1.09 0.00	37.14 -1.19 -0.01	33.00 -0.95 0.00	30.64 -1.01 -0.03	28.78 -0.20 0.00	28.10 -0.37 0.00
NEVERSINK___HYD 23608	29.63 1.25 0.00	29.46 1.21 0.00	28.99 0.95 0.00	28.82 0.84 0.00	28.50 0.80 0.00	29.13 1.01 0.00	29.82 1.12 0.00	29.47 1.30 0.00	29.70 1.41 0.00	28.09 0.97 0.00	25.90 0.75 0.00	25.93 0.63 0.00	26.08 0.78 0.00	26.40 0.77 0.00	26.99 0.86 0.00	29.66 1.30 0.00	39.55 2.20 0.00	52.40 2.89 -3.59	46.34 2.79 0.00	40.68 2.34 -0.03	36.02 2.07 0.00	33.54 1.83 -0.08	30.52 1.54 0.00	29.72 1.25 0.00
NEWKRMKL_115KV_TB1 55635	28.92 0.54 0.00	28.67 0.42 0.00	28.35 0.31 0.00	28.21 0.22 0.00	28.03 0.33 0.00	28.57 0.45 0.00	29.36 0.66 0.00	28.88 0.70 0.00	28.79 0.51 0.00	27.55 0.43 0.00	25.55 0.40 0.00	25.60 0.30 0.00	25.65 0.35 0.00	26.04 0.41 0.00	26.58 0.44 0.00	29.00 0.65 0.00	38.73 1.38 0.00	52.77 1.74 -5.11	45.16 1.61 0.00	39.77 1.42 -0.04	35.20 1.26 0.00	32.94 1.20 -0.11	29.91 0.93 0.00	29.06 0.60 0.00
NEWTON___FALLS_HYD 23847	28.35 -0.03 0.00	28.25 0.00 0.00	28.12 0.08 0.00	28.09 0.11 0.00	27.78 0.08 0.00	28.18 0.06 0.00	28.67 -0.03 0.00	28.17 0.00 0.00	28.43 0.14 0.00	27.19 0.08 0.00	25.10 -0.05 0.00	25.27 -0.03 0.00	25.22 -0.08 0.00	25.55 -0.08 0.00	26.00 -0.13 0.00	28.07 -0.28 0.00	37.02 -0.34 0.00	45.99 -0.14 -0.21	43.50 -0.04 0.00	38.32 0.00 0.00	33.85 -0.10 0.00	31.60 -0.03 0.00	28.96 -0.03 0.00	28.47 0.00 0.00
NGRID_A1_DSASP 323792	27.84 -0.54 0.00	27.74 -0.51 0.00	27.50 -0.53 0.00	27.28 -0.70 0.00	27.06 -0.64 0.00	27.42 -0.70 0.00	28.56 -0.14 0.00	26.54 -1.63 0.00	26.33 -1.95 0.00	25.02 -2.09 0.00	24.07 -1.08 0.00	24.51 -0.78 0.00	24.31 -0.99 0.00	24.48 -1.15 0.00	24.77 -1.36 0.00	27.10 -1.25 0.00	34.44 -2.91 0.00	43.19 -3.86 -1.13	39.50 -4.05 0.00	34.41 -3.91 -0.01	30.66 -3.29 0.00	28.93 -2.72 -0.03	27.22 -1.77 0.00	26.85 -1.62 0.00

NGRID_A2_DSASP 323793	27.84 -0.54 0.00	27.74 -0.51 0.00	27.50 -0.53 0.00	27.28 -0.70 0.00	27.06 -0.64 0.00	27.42 -0.70 0.00	28.56 -0.14 0.00	26.54 -1.63 0.00	26.33 -1.95 0.00	25.02 -2.09 0.00	24.07 -1.08 0.00	24.51 -0.78 0.00	24.31 -0.99 0.00	24.48 -1.15 0.00	24.77 -1.36 0.00	27.10 -1.25 0.00	34.44 -2.91 0.00	43.19 -3.86 -1.13	39.50 -4.05 0.00	34.41 -3.91 -0.01	30.66 -3.29 0.00	28.93 -2.72 -0.03	27.22 -1.77 0.00	26.85 -1.62 0.00
NGRID_A4_DSASP 323807	27.84 -0.54 0.00	27.74 -0.51 0.00	27.50 -0.53 0.00	27.28 -0.70 0.00	27.06 -0.64 0.00	27.42 -0.70 0.00	28.56 -0.14 0.00	26.54 -1.63 0.00	26.33 -1.95 0.00	25.02 -2.09 0.00	24.07 -1.08 0.00	24.51 -0.78 0.00	24.31 -0.99 0.00	24.48 -1.15 0.00	24.77 -1.36 0.00	27.10 -1.25 0.00	34.44 -2.91 0.00	43.19 -3.86 -1.13	39.50 -4.05 0.00	34.41 -3.91 -0.01	30.66 -3.29 0.00	28.93 -2.72 -0.03	27.22 -1.77 0.00	26.85 -1.62 0.00
NIAGARA_115E_LBMP 323715	28.12 -0.26 0.00	28.02 -0.23 0.00	27.36 -0.67 0.00	27.56 -0.42 0.00	27.34 -0.36 0.00	27.73 -0.39 0.00	28.82 0.12 0.00	26.62 -1.55 0.00	26.42 -1.87 0.00	25.11 -2.01 0.00	24.14 -1.01 0.00	24.56 -0.73 0.00	24.38 -0.91 0.00	24.53 -1.10 0.00	24.83 -1.31 0.00	27.19 -1.16 0.00	34.59 -2.76 0.00	43.28 -3.76 -1.13	39.67 -3.88 0.00	34.57 -3.75 -0.01	30.79 -3.16 0.00	28.99 -2.66 -0.03	27.30 -1.68 0.00	27.02 -1.45 0.00
NIAGARA_115W_LBMP 323714	27.75 -0.62 0.00	27.65 -0.59 0.00	27.45 -0.59 0.00	27.20 -0.78 0.00	27.01 -0.69 0.00	27.36 -0.76 0.00	28.47 -0.23 0.00	26.48 -1.69 0.00	26.28 -2.01 0.00	24.94 -2.17 0.00	23.99 -1.16 0.00	24.43 -0.86 0.00	24.26 -1.04 0.00	24.40 -1.23 0.00	24.70 -1.44 0.00	27.05 -1.30 0.00	34.36 -2.99 0.00	43.05 -3.99 -1.13	39.37 -4.18 0.00	34.30 -4.02 -0.01	30.59 -3.36 0.00	28.83 -2.81 -0.03	27.13 -1.86 0.00	26.76 -1.71 0.00
NIAGARA_230_LBMP 323716	28.15 -0.23 0.00	28.05 -0.20 0.00	27.62 -0.42 0.00	27.59 -0.39 0.00	27.37 -0.33 0.00	27.73 -0.39 0.00	28.88 0.17 0.00	26.88 -1.30 0.00	26.70 -1.58 0.00	25.35 -1.76 0.00	24.37 -0.78 0.00	24.81 -0.48 0.00	24.61 -0.68 0.00	24.76 -0.87 0.00	25.09 -1.05 0.00	27.44 -0.91 0.00	34.89 -2.47 0.00	43.69 -3.35 -1.12	40.02 -3.53 0.00	34.87 -3.45 -0.01	31.10 -2.85 0.00	29.27 -2.37 -0.03	27.54 -1.45 0.00	27.16 -1.31 0.00
NIAGARA__115KV_198_GIBSON 55903	27.75 -0.62 0.00	27.88 -0.37 0.00	27.08 -0.95 0.00	27.45 -0.53 0.00	26.92 -0.78 0.00	27.59 -0.53 0.00	28.19 -0.52 0.00	26.48 -1.69 0.00	25.82 -2.46 0.00	24.94 -2.17 0.00	23.99 -1.16 0.00	24.43 -0.86 0.00	24.26 -1.04 0.00	24.40 -1.23 0.00	24.70 -1.44 0.00	27.05 -1.30 0.00	34.55 -2.80 0.00	43.00 -4.04 -1.13	39.45 -4.09 0.00	34.61 -3.72 -0.01	30.69 -3.26 0.00	28.58 -3.07 -0.03	27.16 -1.83 0.00	26.70 -1.76 0.00
NIAGARA____ 23760	28.15 -0.23 0.00	28.05 -0.20 0.00	27.62 -0.42 0.00	27.59 -0.39 0.00	27.37 -0.33 0.00	27.73 -0.39 0.00	28.88 0.17 0.00	26.88 -1.30 0.00	26.70 -1.58 0.00	25.35 -1.76 0.00	24.37 -0.78 0.00	24.81 -0.48 0.00	24.61 -0.68 0.00	24.76 -0.87 0.00	25.09 -1.05 0.00	27.44 -0.91 0.00	34.89 -2.47 0.00	43.69 -3.35 -1.13	40.02 -3.53 0.00	34.87 -3.45 -0.01	31.10 -2.85 0.00	29.28 -2.37 -0.03	27.54 -1.45 0.00	27.16 -1.31 0.00
NINE_MILE_1 23575	27.67 -0.71 0.00	27.54 -0.71 0.00	27.28 -0.76 0.00	27.23 -0.75 0.00	26.95 -0.75 0.00	27.42 -0.70 0.00	28.07 -0.63 0.00	27.38 -0.79 0.00	27.44 -0.85 0.00	26.24 -0.87 0.00	24.42 -0.73 0.00	24.58 -0.71 0.00	24.56 -0.73 0.00	24.88 -0.74 0.00	25.35 -0.78 0.00	27.47 -0.88 0.00	36.12 -1.23 0.00	45.13 -1.42 -0.64	42.07 -1.48 0.00	36.98 -1.34 0.00	32.79 -1.15 0.00	30.56 -1.08 -0.01	28.12 -0.87 0.00	27.78 -0.68 0.00
NINE_MILE_2 23744	27.67 -0.71 0.00	27.54 -0.71 0.00	27.28 -0.76 0.00	27.23 -0.75 0.00	26.95 -0.75 0.00	27.42 -0.70 0.00	28.07 -0.63 0.00	27.38 -0.79 0.00	27.44 -0.85 0.00	26.24 -0.87 0.00	24.42 -0.73 0.00	24.58 -0.71 0.00	24.56 -0.73 0.00	24.88 -0.74 0.00	25.35 -0.78 0.00	27.47 -0.88 0.00	36.12 -1.23 0.00	45.12 -1.42 -0.63	42.07 -1.48 0.00	36.98 -1.34 0.00	32.79 -1.15 0.00	30.56 -1.08 -0.01	28.12 -0.87 0.00	27.78 -0.68 0.00
NM_CAPITAL____DRP 24208	29.00 0.62 0.00	28.76 0.51 0.00	28.43 0.39 0.00	28.29 0.31 0.00	28.12 0.42 0.00	28.63 0.51 0.00	29.45 0.75 0.00	28.93 0.76 0.00	28.85 0.57 0.00	27.60 0.49 0.00	25.57 0.43 0.00	25.65 0.35 0.00	25.67 0.38 0.00	26.06 0.44 0.00	26.60 0.47 0.00	29.06 0.71 0.00	38.85 1.49 0.00	52.84 1.84 -5.09	45.24 1.70 0.00	39.85 1.49 -0.04	35.27 1.32 0.00	33.00 1.26 -0.11	30.00 1.01 0.00	29.15 0.68 0.00
NM_CENTRAL____DRP 24181	28.27 -0.11 0.00	28.11 -0.14 0.00	27.81 -0.22 0.00	27.79 -0.20 0.00	27.45 -0.25 0.00	28.01 -0.11 0.00	28.65 -0.06 0.00	28.03 -0.14 0.00	27.92 -0.37 0.00	26.81 -0.30 0.00	24.95 -0.20 0.00	25.14 -0.15 0.00	25.09 -0.20 0.00	25.42 -0.21 0.00	25.90 -0.24 0.00	28.12 -0.23 0.00	36.94 -0.41 0.00	46.23 -0.46 -0.78	43.02 -0.52 0.00	37.82 -0.50 -0.01	33.51 -0.44 0.00	31.23 -0.41 -0.02	28.78 -0.20 0.00	28.32 -0.14 0.00
NM_FRONTIER____DRP 24179	27.75 -0.62 0.00	27.88 -0.37 0.00	27.08 -0.95 0.00	27.45 -0.53 0.00	26.92 -0.78 0.00	27.59 -0.53 0.00	28.19 -0.52 0.00	26.48 -1.69 0.00	25.82 -2.46 0.00	24.94 -2.17 0.00	23.99 -1.16 0.00	24.43 -0.86 0.00	24.26 -1.04 0.00	24.40 -1.23 0.00	24.70 -1.44 0.00	27.05 -1.30 0.00	34.55 -2.80 0.00	43.00 -4.04 -1.13	39.45 -4.09 0.00	34.61 -3.72 -0.01	30.69 -3.26 0.00	28.58 -3.07 -0.03	27.16 -1.83 0.00	26.70 -1.76 0.00
NM_ST_REGIS____HYD 24053	28.66 0.28 0.00	28.62 0.37 0.00	28.54 0.50 0.00	28.51 0.53 0.00	28.17 0.47 0.00	28.49 0.37 0.00	28.99 0.29 0.00	28.54 0.37 0.00	28.91 0.62 0.00	27.68 0.57 0.00	25.60 0.45 0.00	25.77 0.48 0.00	25.75 0.46 0.00	26.04 0.41 0.00	26.50 0.37 0.00	28.41 0.06 0.00	37.31 -0.04 0.00	46.20 0.18 -0.11	43.85 0.30 0.00	38.66 0.34 0.00	34.15 0.20 0.00	31.97 0.35 0.00	29.25 0.26 0.00	28.84 0.37 0.00
NORTHPORT____1 23551	36.24 1.87 -5.99	35.92 1.78 -5.89	35.08 1.51 -5.53	35.02 1.37 -5.67	35.59 1.36 -6.53	35.02 1.60 -5.30	36.62 1.98 -5.94	36.76 2.14 -6.44	36.39 2.29 -5.82	35.59 1.79 -6.69	40.07 1.53 -13.39	36.67 1.47 -9.91	39.41 1.59 -12.52	39.38 1.59 -12.16	40.77 1.65 -12.99	42.20 2.10 -11.75	63.64 3.10 -23.19	79.06 3.90 -29.24	74.04 3.66 -26.84	62.98 3.14 -21.52	59.62 2.78 -22.89	54.30 2.56 -20.12	41.48 2.29 -10.21	40.13 1.99 -9.67
NORTHPORT____2 23552	36.24 1.87 -5.99	35.92 1.78 -5.89	35.08 1.51 -5.53	35.02 1.37 -5.67	35.59 1.36 -6.53	35.02 1.60 -5.30	36.62 1.98 -5.94	36.76 2.14 -6.44	36.39 2.29 -5.82	35.59 1.79 -6.69	40.07 1.53 -13.39	36.67 1.47 -9.91	39.41 1.59 -12.52	39.38 1.59 -12.16	40.77 1.65 -12.99	42.20 2.10 -11.75	63.64 3.10 -23.19	79.06 3.90 -29.24	74.04 3.66 -26.84	62.98 3.14 -21.52	59.62 2.78 -22.89	54.30 2.56 -20.12	41.48 2.29 -10.21	40.13 1.99 -9.67

NORTHPORT___3 23553	36.30 1.93 -5.99	36.03 1.89 -5.89	35.22 1.65 -5.53	35.22 1.57 -5.67	35.70 1.47 -6.53	35.22 1.80 -5.30	36.59 1.95 -5.94	36.70 2.08 -6.44	36.37 2.26 -5.82	35.70 1.90 -6.69	40.37 1.83 -13.39	37.00 1.80 -9.91	39.74 1.92 -12.52	39.74 1.95 -12.16	41.03 1.91 -12.99	42.34 2.24 -11.75	63.91 3.36 -23.19	79.33 4.18 -29.24	74.31 3.92 -26.84	63.21 3.37 -21.52	59.86 3.02 -22.89	54.49 2.75 -20.12	41.71 2.52 -10.21	40.42 2.28 -9.67
NORTHPORT___4 23650	36.30 1.93 -5.99	36.03 1.89 -5.89	35.22 1.65 -5.53	35.22 1.57 -5.67	35.70 1.47 -6.53	35.22 1.80 -5.30	36.59 1.95 -5.94	36.70 2.08 -6.44	36.37 2.26 -5.82	35.70 1.90 -6.69	40.37 1.83 -13.39	37.00 1.80 -9.91	39.74 1.92 -12.52	39.74 1.95 -12.16	41.03 1.91 -12.99	42.34 2.24 -11.75	63.91 3.36 -23.19	79.33 4.18 -29.24	74.31 3.92 -26.84	63.21 3.37 -21.52	59.86 3.02 -22.89	54.49 2.75 -20.12	41.71 2.52 -10.21	40.42 2.28 -9.67
NORTHPORT___IC 23718	36.24 1.87 -5.99	35.92 1.78 -5.89	35.08 1.51 -5.53	35.02 1.37 -5.67	35.59 1.36 -6.53	35.02 1.60 -5.30	36.62 1.98 -5.94	36.76 2.14 -6.44	36.39 2.29 -5.82	35.59 1.79 -6.69	40.07 1.53 -13.39	36.67 1.47 -9.91	39.41 1.59 -12.52	39.38 1.59 -12.16	40.77 1.65 -12.99	42.20 2.10 -11.75	63.64 3.10 -23.19	79.06 3.90 -29.24	74.04 3.66 -26.84	62.98 3.14 -21.52	59.62 2.78 -22.89	54.30 2.56 -20.12	41.48 2.29 -10.21	40.13 1.99 -9.67
NORTH___COUNTRY_ESR 323785	28.95 0.57 0.00	28.84 0.59 0.00	28.80 0.76 0.00	28.79 0.81 0.00	28.47 0.77 0.00	28.77 0.65 0.00	29.25 0.54 0.00	28.82 0.65 0.00	28.91 0.62 0.00	27.95 0.84 0.00	25.85 0.70 0.00	26.05 0.76 0.00	26.03 0.73 0.00	26.37 0.74 0.00	26.86 0.73 0.00	28.89 0.54 0.00	37.91 0.56 0.00	46.74 0.83 0.00	44.50 0.96 0.00	39.27 0.96 0.00	34.73 0.78 0.00	32.38 0.76 0.00	29.53 0.55 0.00	29.01 0.54 0.00
NPX_GEN_1385_PROXY 323591	34.37 0.99 -5.00	32.90 0.93 -3.72	31.74 0.67 -3.03	32.00 0.53 -3.49	33.61 0.52 -5.39	33.98 0.76 -5.10	35.87 1.46 -5.70	36.60 1.75 -6.68	35.89 1.78 -5.82	33.81 1.00 -5.69	32.00 0.78 -6.07	31.45 0.71 -5.45	31.20 0.83 -5.07	31.00 0.84 -4.53	33.11 0.89 -6.09	38.55 1.25 -8.95	46.11 2.02 -6.74	54.50 2.57 -6.02	49.49 2.39 -3.55	46.57 2.03 -6.23	46.03 1.80 -10.28	42.83 1.64 -9.56	39.17 1.45 -8.74	37.24 1.17 -7.61
NPX_GEN_CSC 323557	36.84 2.47 -5.99	36.51 2.37 -5.89	35.64 2.07 -5.53	35.58 1.93 -5.67	36.17 1.94 -6.53	35.61 2.19 -5.30	36.96 2.55 -5.70	37.53 2.68 -6.68	36.90 2.80 -5.82	36.11 2.30 -6.69	40.55 2.01 -13.39	37.15 1.95 -9.91	39.87 2.05 -12.52	39.87 2.07 -12.16	41.34 2.22 -12.99	42.99 2.89 -11.75	64.94 4.33 -23.26	80.64 5.55 -29.17	75.61 5.22 -26.84	64.28 4.44 -21.52	60.78 3.94 -22.89	55.28 3.54 -20.12	42.23 3.04 -10.21	40.73 2.59 -9.67
NSINS_S_GLNS_FALLS 23858	29.63 1.25 0.00	29.43 1.19 0.00	29.05 1.01 0.00	28.93 0.95 0.00	28.84 1.14 0.00	29.44 1.32 0.00	30.25 1.55 0.00	29.67 1.49 0.00	29.56 1.27 0.00	28.25 1.14 0.00	26.10 0.96 0.00	26.00 0.71 0.00	26.00 0.71 0.00	26.40 0.77 0.00	27.00 0.86 0.00	29.43 1.08 0.00	39.56 2.20 0.00	54.06 2.89 -5.26	46.29 2.74 0.00	40.80 2.45 -0.04	35.95 2.00 0.00	33.48 1.74 -0.12	30.75 1.77 0.00	29.89 1.42 0.00
NUCOR_STEEL___DRP 24197	28.72 0.34 0.00	28.59 0.34 0.00	28.29 0.25 0.00	28.29 0.31 0.00	27.89 0.19 0.00	28.52 0.39 0.00	29.19 0.49 0.00	28.51 0.34 0.00	28.34 0.06 0.00	27.22 0.11 0.00	25.37 0.23 0.00	25.62 0.33 0.00	25.50 0.20 0.00	25.83 0.21 0.00	26.29 0.16 0.00	28.63 0.28 0.00	37.65 0.30 0.00	47.32 0.46 -0.94	43.85 0.30 0.00	38.51 0.19 -0.01	34.15 0.20 0.00	31.74 0.09 -0.02	29.25 0.26 0.00	28.72 0.26 0.00
NUMBER_THREE_WT_PWR 323818	28.69 0.31 0.00	28.56 0.31 0.00	28.35 0.31 0.00	28.32 0.34 0.00	28.00 0.31 0.00	28.49 0.36 0.00	29.05 0.35 0.00	28.48 0.31 0.00	28.60 0.31 0.00	27.33 0.22 0.00	25.25 0.10 0.00	25.39 0.10 0.00	25.32 0.03 0.00	25.68 0.05 0.00	26.19 0.05 0.00	28.46 0.11 0.00	37.69 0.34 0.00	46.90 0.69 -0.29	44.29 0.74 0.00	38.93 0.61 0.00	34.36 0.41 0.00	31.98 0.35 -0.01	29.30 0.32 0.00	28.75 0.28 0.00
NYISO_LBMP_REFERENCE 24008	28.38 0.00 0.00	28.25 0.00 0.00	28.04 0.00 0.00	27.98 0.00 0.00	27.70 0.00 0.00	28.12 0.00 0.00	28.70 0.00 0.00	28.17 0.00 0.00	28.28 0.00 0.00	27.11 0.00 0.00	25.15 0.00 0.00	25.29 0.00 0.00	25.29 0.00 0.00	25.63 0.00 0.00	26.13 0.00 0.00	28.35 0.00 0.00	37.35 0.00 0.00	45.91 0.00 0.00	43.55 0.00 0.00	38.31 0.00 0.00	33.95 0.00 0.00	31.62 0.00 0.00	28.98 0.00 0.00	28.47 0.00 0.00
NYPA_BRENTWD___GT 24164	36.67 2.30 -5.99	36.34 2.20 -5.89	35.47 1.91 -5.53	35.42 1.76 -5.67	36.01 1.77 -6.53	35.44 2.03 -5.30	37.02 2.38 -5.94	37.15 2.54 -6.44	36.76 2.66 -5.82	35.97 2.17 -6.69	40.42 1.89 -13.39	37.02 1.82 -9.91	39.74 1.92 -12.52	39.74 1.95 -12.16	41.19 2.06 -12.99	42.74 2.64 -11.75	64.43 3.88 -23.19	79.89 4.73 -29.24	74.83 4.44 -26.84	63.67 3.83 -21.52	60.23 3.39 -22.89	54.93 3.19 -20.12	42.00 2.81 -10.21	40.59 2.45 -9.67
NYPA_GOWANUS___GT5 24156	30.34 1.96 -0.01	30.11 1.86 0.00	29.58 1.54 0.00	29.33 1.34 0.00	29.03 1.33 0.00	29.67 1.55 0.00	30.54 1.84 0.00	30.20 2.03 0.00	30.49 2.21 0.00	28.93 1.82 0.00	26.66 1.51 0.00	26.71 1.42 0.00	26.84 1.54 0.00	27.22 1.59 0.00	27.75 1.62 0.00	30.56 2.21 0.00	40.60 3.25 0.00	54.02 4.04 -4.06	47.38 3.83 0.00	41.64 3.30 -0.03	36.90 2.95 0.00	34.53 2.81 -0.10	31.49 2.49 -0.01	30.58 2.11 -0.01
NYPA_GOWANUS___GT6 24157	30.34 1.96 -0.01	30.11 1.86 0.00	29.58 1.54 0.00	29.33 1.34 0.00	29.03 1.33 0.00	29.67 1.55 0.00	30.54 1.84 0.00	30.20 2.03 0.00	30.49 2.21 0.00	28.93 1.82 0.00	26.66 1.51 0.00	26.71 1.42 0.00	26.84 1.54 0.00	27.22 1.59 0.00	27.75 1.62 0.00	30.56 2.21 0.00	40.60 3.25 0.00	54.02 4.04 -4.06	47.38 3.83 0.00	41.64 3.30 -0.03	36.90 2.95 0.00	34.53 2.81 -0.10	31.49 2.49 -0.01	30.58 2.11 -0.01
NYPA_HARLEM__RVR_GT1 24160	30.02 1.65 0.00	29.80 1.55 0.00	29.27 1.23 0.00	29.02 1.04 0.00	28.70 1.00 0.00	29.29 1.18 0.01	30.19 1.49 0.01	29.85 1.69 0.01	30.17 1.90 0.01	28.62 1.52 0.01	26.37 1.23 0.01	26.45 1.16 0.01	26.58 1.29 0.01	26.90 1.28 0.01	27.46 1.33 0.01	30.21 1.87 0.01	40.18 2.84 0.01	53.46 3.49 -4.05	46.81 3.27 0.01	41.17 2.84 -0.02	36.45 2.51 0.01	34.08 2.37 -0.08	31.03 2.06 0.01	30.23 1.77 0.00
NYPA_HARLEM__RVR_GT2 24161	30.02 1.65 0.00	29.80 1.55 0.00	29.27 1.23 0.00	29.02 1.04 0.00	28.70 1.00 0.00	29.29 1.18 0.01	30.19 1.49 0.01	29.85 1.69 0.01	30.17 1.90 0.01	28.62 1.52 0.01	26.37 1.23 0.01	26.45 1.16 0.01	26.58 1.29 0.01	26.90 1.28 0.01	27.46 1.33 0.01	30.21 1.87 0.01	40.18 2.84 0.01	53.46 3.49 -4.05	46.81 3.27 0.01	41.17 2.84 -0.02	36.45 2.51 0.01	34.08 2.37 -0.08	31.03 2.06 0.01	30.23 1.77 0.00

NYPA_KENT____GT 24152	30.23 1.84 0.00	30.03 1.78 0.00	29.50 1.46 0.00	29.27 1.29 0.00	28.95 1.25 0.00	29.61 1.49 0.00	30.48 1.78 0.00	30.14 1.97 0.00	30.43 2.15 0.00	28.87 1.76 0.00	26.60 1.46 0.00	26.68 1.39 0.00	26.79 1.49 0.00	27.17 1.54 0.00	27.70 1.57 0.00	30.50 2.15 0.00	40.52 3.17 0.00	53.93 3.95 -4.06	47.29 3.75 0.00	41.56 3.22 -0.03	36.83 2.88 0.00	34.44 2.72 -0.10	31.37 2.38 0.00	30.49 2.02 0.00
NYPA_POUCH1____GT 24155	30.37 1.99 -0.01	30.14 1.89 0.00	29.61 1.57 0.00	29.38 1.40 0.00	29.06 1.36 0.00	29.70 1.57 0.00	30.60 1.89 0.00	30.23 2.06 0.00	30.52 2.23 0.00	28.96 1.84 0.00	26.68 1.53 0.00	26.73 1.44 0.00	26.86 1.57 0.00	27.24 1.62 0.00	27.78 1.65 0.00	30.59 2.24 0.00	40.64 3.29 0.00	54.06 4.08 -4.06	47.42 3.87 0.00	41.68 3.33 -0.03	36.94 2.99 0.00	34.60 2.88 -0.10	31.51 2.52 -0.01	30.64 2.16 -0.01
NYPA_VERNON____GT2 24162	30.14 1.76 0.00	29.91 1.67 0.00	29.41 1.37 0.00	29.18 1.20 0.00	28.86 1.16 0.00	29.53 1.41 0.00	30.42 1.72 0.00	30.09 1.92 0.00	30.38 2.09 0.00	28.82 1.71 0.00	26.58 1.43 0.00	26.63 1.34 0.00	26.76 1.47 0.00	27.11 1.49 0.00	27.65 1.52 0.00	30.42 2.07 0.00	40.45 3.10 0.00	53.83 3.86 -4.06	47.16 3.61 0.00	41.49 3.14 -0.03	36.73 2.78 0.00	34.34 2.62 -0.09	31.28 2.29 0.00	30.40 1.94 0.00
NYPA_VERNON____GT3 24163	30.14 1.76 0.00	29.91 1.67 0.00	29.41 1.37 0.00	29.18 1.20 0.00	28.86 1.16 0.00	29.53 1.41 0.00	30.42 1.72 0.00	30.09 1.92 0.00	30.38 2.09 0.00	28.82 1.71 0.00	26.58 1.43 0.00	26.63 1.34 0.00	26.76 1.47 0.00	27.11 1.49 0.00	27.65 1.52 0.00	30.42 2.07 0.00	40.45 3.10 0.00	53.83 3.86 -4.06	47.16 3.61 0.00	41.49 3.14 -0.03	36.73 2.78 0.00	34.34 2.62 -0.09	31.28 2.29 0.00	30.40 1.94 0.00
NYPA__ASTORIA_CC1 323568	30.11 1.73 0.00	29.89 1.64 0.00	29.38 1.35 0.00	29.13 1.15 0.00	28.84 1.14 0.00	29.50 1.38 0.00	30.37 1.66 0.00	30.03 1.86 0.00	30.32 2.04 0.00	28.77 1.65 0.00	26.53 1.38 0.00	26.58 1.29 0.00	26.71 1.42 0.00	27.06 1.43 0.00	27.62 1.49 0.00	30.36 2.01 0.00	40.38 3.02 0.00	53.74 3.77 -4.06	47.07 3.53 0.00	41.41 3.07 -0.03	36.67 2.72 0.00	34.27 2.56 -0.09	31.22 2.23 0.00	30.35 1.88 0.00
NYPA__ASTORIA_CC2 323569	30.11 1.73 0.00	29.89 1.64 0.00	29.38 1.35 0.00	29.13 1.15 0.00	28.84 1.14 0.00	29.50 1.38 0.00	30.37 1.66 0.00	30.03 1.86 0.00	30.32 2.04 0.00	28.77 1.65 0.00	26.53 1.38 0.00	26.58 1.29 0.00	26.71 1.42 0.00	27.06 1.43 0.00	27.62 1.49 0.00	30.36 2.01 0.00	40.38 3.02 0.00	53.74 3.77 -4.06	47.07 3.53 0.00	41.41 3.07 -0.03	36.67 2.72 0.00	34.27 2.56 -0.09	31.22 2.23 0.00	30.35 1.88 0.00
NYPA__HOLTSVILL 23794	36.61 2.24 -5.99	36.31 2.18 -5.89	35.42 1.85 -5.53	35.36 1.71 -5.67	35.95 1.72 -6.53	35.39 1.97 -5.30	36.96 2.32 -5.94	37.07 2.45 -6.44	36.68 2.57 -5.82	35.92 2.12 -6.69	40.37 1.83 -13.39	36.97 1.77 -9.91	39.69 1.87 -12.52	39.69 1.90 -12.16	41.14 2.01 -12.99	42.71 2.61 -11.75	64.46 3.92 -23.19	80.12 4.96 -29.24	75.05 4.66 -26.84	63.82 3.98 -21.52	60.37 3.53 -22.89	54.93 3.19 -20.12	41.97 2.78 -10.21	40.53 2.39 -9.67
NYPA____HELLGATE_GT1 24158	30.02 1.65 0.00	29.80 1.55 0.00	29.27 1.23 0.00	29.02 1.04 0.00	28.70 1.00 0.00	29.29 1.18 0.01	30.19 1.49 0.01	29.85 1.69 0.01	30.17 1.90 0.01	28.62 1.52 0.01	26.37 1.23 0.01	26.45 1.16 0.01	26.58 1.29 0.01	26.90 1.28 0.01	27.46 1.33 0.01	30.21 1.87 0.01	40.18 2.84 0.01	53.46 3.49 -4.05	46.81 3.27 0.01	41.17 2.84 -0.02	36.45 2.51 0.01	34.08 2.37 -0.08	31.03 2.06 0.01	30.23 1.77 0.00
NYPA____HELLGATE_GT2 24159	30.02 1.65 0.00	29.80 1.55 0.00	29.27 1.23 0.00	29.02 1.04 0.00	28.70 1.00 0.00	29.29 1.18 0.01	30.19 1.49 0.01	29.85 1.69 0.01	30.17 1.90 0.01	28.62 1.52 0.01	26.37 1.23 0.01	26.45 1.16 0.01	26.58 1.29 0.01	26.90 1.28 0.01	27.46 1.33 0.01	30.21 1.87 0.01	40.18 2.84 0.01	53.46 3.49 -4.05	46.81 3.27 0.01	41.17 2.84 -0.02	36.45 2.51 0.01	34.08 2.37 -0.08	31.03 2.06 0.01	30.23 1.77 0.00
NYS_BARGE__HYD 23848	28.49 0.11 0.00	28.42 0.17 0.00	27.84 -0.19 0.00	27.95 -0.03 0.00	27.70 0.00 0.00	28.09 -0.03 0.00	29.22 0.52 0.00	27.07 -1.10 0.00	26.87 -1.41 0.00	25.54 -1.57 0.00	24.52 -0.63 0.00	24.99 -0.30 0.00	24.79 -0.51 0.00	24.94 -0.69 0.00	25.24 -0.89 0.00	27.64 -0.71 0.00	35.22 -2.13 0.00	44.14 -2.89 -1.12	40.50 -3.05 0.00	35.26 -3.07 -0.01	31.40 -2.55 0.00	29.50 -2.15 -0.02	27.77 -1.22 0.00	27.44 -1.02 0.00
OAK ORCHARD__HYD 24046	28.63 0.25 0.00	28.56 0.31 0.00	28.15 0.11 0.00	28.18 0.20 0.00	27.84 0.14 0.00	28.32 0.20 0.00	29.33 0.63 0.00	27.72 -0.45 0.00	27.58 -0.71 0.00	26.30 -0.81 0.00	25.00 -0.15 0.00	25.42 0.13 0.00	25.19 -0.10 0.00	25.42 -0.21 0.00	25.82 -0.31 0.00	28.18 -0.17 0.00	36.31 -1.05 0.00	45.93 -1.01 -1.03	41.94 -1.61 0.00	36.64 -1.68 -0.01	32.62 -1.32 0.00	30.63 -1.01 -0.02	28.46 -0.52 0.00	27.98 -0.48 0.00
OAKDALE__35_KV_LOAD 356122	28.98 0.60 0.00	28.81 0.56 0.00	28.46 0.42 0.00	28.43 0.45 0.00	28.09 0.39 0.00	28.66 0.53 0.00	29.36 0.66 0.00	28.68 0.51 0.00	28.45 0.17 0.00	27.33 0.22 0.00	25.52 0.38 0.00	25.77 0.48 0.00	25.70 0.40 0.00	25.99 0.36 0.00	26.45 0.31 0.00	28.89 0.54 0.00	37.95 0.60 0.00	48.13 0.51 -1.71	44.11 0.57 0.00	38.75 0.42 -0.01	34.36 0.41 0.00	31.98 0.32 -0.04	29.45 0.46 0.00	28.81 0.34 0.00
OCC_CHEM__DRP 24175	27.81 -0.57 0.00	27.94 -0.31 0.00	27.14 -0.90 0.00	27.51 -0.48 0.00	26.98 -0.72 0.00	27.64 -0.48 0.00	28.27 -0.43 0.00	26.57 -1.61 0.00	25.88 -2.40 0.00	25.02 -2.09 0.00	24.07 -1.08 0.00	24.51 -0.78 0.00	24.31 -0.99 0.00	24.47 -1.15 0.00	24.77 -1.36 0.00	27.10 -1.25 0.00	34.66 -2.69 0.00	43.14 -3.90 -1.13	39.54 -4.01 0.00	34.68 -3.64 -0.01	30.79 -3.16 0.00	28.67 -2.97 -0.03	27.22 -1.77 0.00	26.76 -1.71 0.00
OH_GEN_PROXY 24063	28.15 -0.23 0.00	28.05 -0.20 0.00	27.62 -0.42 0.00	27.59 -0.39 0.00	27.37 -0.33 0.00	27.76 -0.37 0.00	28.64 0.17 0.23	27.20 -1.21 -0.23	26.76 -1.53 0.00	25.43 -1.68 0.00	24.42 -0.73 0.00	24.86 -0.43 0.00	24.66 -0.63 0.00	24.83 -0.79 0.00	25.14 -0.99 0.00	27.50 -0.85 0.00	35.07 -2.35 -0.07	43.75 -3.22 -1.05	40.15 -3.40 0.00	34.99 -3.33 -0.01	31.20 -2.75 0.00	29.37 -2.28 -0.03	27.59 -1.39 0.00	27.21 -1.25 0.00
OLIN_CORP_DRP 24177	28.15 -0.23 0.00	27.85 -0.40 0.00	27.48 -0.56 0.00	27.42 -0.56 0.00	26.90 -0.80 0.00	27.56 -0.56 0.00	28.56 -0.14 0.00	26.71 -1.46 0.00	26.02 -2.26 0.00	25.16 -1.95 0.00	24.19 -0.96 0.00	24.64 -0.66 0.00	24.43 -0.86 0.00	24.58 -1.05 0.00	24.90 -1.23 0.00	27.25 -1.11 0.00	34.89 -2.47 0.00	43.37 -3.67 -1.13	39.84 -3.70 0.00	34.95 -3.37 -0.01	31.00 -2.95 0.00	28.86 -2.78 -0.03	27.36 -1.62 0.00	27.01 -1.45 0.00

OLIN_CORP_DSASP 323712	27.84 -0.54 0.00	27.74 -0.51 0.00	27.50 -0.53 0.00	27.28 -0.70 0.00	27.06 -0.64 0.00	27.42 -0.70 0.00	28.56 -0.14 0.00	26.54 -1.63 0.00	26.33 -1.95 0.00	25.02 -2.09 0.00	24.07 -1.08 0.00	24.51 -0.78 0.00	24.31 -0.99 0.00	24.48 -1.15 0.00	24.77 -1.36 0.00	27.10 -1.25 0.00	34.44 -2.91 0.00	43.19 -3.86 -1.13	39.50 -4.05 0.00	34.41 -3.91 -0.01	30.66 -3.29 0.00	28.93 -2.72 -0.03	27.22 -1.77 0.00	26.85 -1.62 0.00
ONEIDA_HERK_LFGE 323681	28.98 0.60 0.00	28.81 0.56 0.00	28.60 0.56 0.00	28.54 0.56 0.00	28.22 0.52 0.00	28.74 0.62 0.00	29.33 0.63 0.00	28.76 0.59 0.00	28.88 0.59 0.00	27.60 0.49 0.00	25.52 0.38 0.00	25.67 0.38 0.00	25.62 0.33 0.00	25.96 0.33 0.00	26.50 0.37 0.00	28.83 0.48 0.00	38.14 0.79 0.00	47.33 1.15 -0.26	44.63 1.09 0.00	39.27 0.96 0.00	34.69 0.75 0.00	32.26 0.63 -0.01	29.59 0.61 0.00	29.04 0.57 0.00
ONEIDA___115KV_TB4 55905	29.23 0.85 0.00	29.10 0.85 0.00	28.82 0.79 0.00	28.77 0.78 0.00	28.45 0.75 0.00	29.02 0.90 0.00	29.62 0.92 0.00	29.05 0.87 0.00	29.02 0.74 0.00	27.79 0.68 0.00	25.78 0.63 0.00	25.95 0.66 0.00	25.88 0.58 0.00	26.22 0.59 0.00	26.76 0.63 0.00	29.14 0.79 0.00	38.47 1.12 0.00	47.86 1.47 -0.48	44.94 1.39 0.00	39.47 1.15 0.00	34.93 0.98 0.00	32.45 0.82 -0.01	29.80 0.81 0.00	29.26 0.80 0.00
ONONDAGA_REF_OCCRA 23987	28.41 0.03 0.00	28.25 0.00 0.00	27.95 -0.08 0.00	27.90 -0.08 0.00	27.59 -0.11 0.00	28.12 0.00 0.00	28.79 0.09 0.00	28.17 0.00 0.00	28.09 -0.20 0.00	26.95 -0.16 0.00	25.10 -0.05 0.00	25.29 0.00 0.00	25.24 -0.05 0.00	25.55 -0.08 0.00	26.03 -0.10 0.00	28.29 -0.06 0.00	37.20 -0.15 0.00	46.65 -0.14 -0.87	43.37 -0.17 0.00	38.09 -0.23 -0.01	33.78 -0.17 0.00	31.45 -0.19 -0.02	28.96 -0.03 0.00	28.44 -0.03 0.00
ONONDAGA___COGEN 23986	28.44 0.06 0.00	28.28 0.03 0.00	28.01 -0.03 0.00	27.95 -0.03 0.00	27.62 -0.08 0.00	28.18 0.06 0.00	28.82 0.11 0.00	28.23 0.06 0.00	28.11 -0.17 0.00	27.00 -0.11 0.00	25.12 -0.03 0.00	25.34 0.05 0.00	25.27 -0.03 0.00	25.58 -0.05 0.00	26.05 -0.08 0.00	28.32 -0.03 0.00	37.24 -0.11 0.00	46.72 -0.05 -0.85	43.42 -0.13 0.00	38.13 -0.19 -0.01	33.81 -0.14 0.00	31.48 -0.16 -0.02	28.96 -0.03 0.00	28.50 0.03 0.00
ONTARIO___LFGE 23819	29.09 0.71 0.00	28.95 0.71 0.00	28.60 0.56 0.00	28.57 0.59 0.00	28.25 0.55 0.00	28.80 0.67 0.00	29.71 1.00 0.00	28.68 0.51 0.00	28.65 0.37 0.00	27.28 0.16 0.00	25.62 0.48 0.00	25.95 0.66 0.00	25.75 0.46 0.00	26.01 0.38 0.00	26.45 0.31 0.00	28.95 0.60 0.00	37.54 0.19 0.00	47.40 0.41 -1.08	43.72 0.17 0.00	38.25 -0.08 -0.01	34.19 0.24 0.00	31.74 0.10 -0.02	29.36 0.38 0.00	28.78 0.31 0.00
ORANGEVILLE_WT_PWR 323706	28.95 0.57 0.00	28.84 0.59 0.00	28.38 0.34 0.00	28.34 0.36 0.00	28.12 0.42 0.00	28.54 0.42 0.00	29.59 0.89 0.00	27.95 -0.23 0.00	27.83 -0.45 0.00	26.41 -0.71 0.00	25.17 0.03 0.00	25.62 0.33 0.00	25.42 0.13 0.00	25.60 -0.03 0.00	25.95 -0.18 0.00	28.41 0.06 0.00	36.49 -0.86 0.00	45.59 -1.56 -1.24	42.11 -1.44 0.00	36.72 -1.61 -0.01	32.69 -1.26 0.00	30.42 -1.23 -0.03	28.58 -0.41 0.00	28.04 -0.43 0.00
ORANGEVILLE___ESR 323794	28.95 0.57 0.00	28.84 0.59 0.00	28.38 0.34 0.00	28.34 0.36 0.00	28.12 0.42 0.00	28.54 0.42 0.00	29.59 0.89 0.00	27.95 -0.23 0.00	27.83 -0.45 0.00	26.41 -0.71 0.00	25.17 0.03 0.00	25.62 0.33 0.00	25.42 0.13 0.00	25.60 -0.03 0.00	25.95 -0.18 0.00	28.41 0.06 0.00	36.49 -0.86 0.00	45.59 -1.56 -1.24	42.11 -1.44 0.00	36.72 -1.61 -0.01	32.69 -1.26 0.00	30.42 -1.23 -0.03	28.58 -0.41 0.00	28.04 -0.43 0.00
OSWEGATCHIE___HYD 24044	28.35 -0.03 0.00	28.22 -0.03 0.00	28.12 0.08 0.00	28.09 0.11 0.00	27.78 0.08 0.00	28.18 0.06 0.00	28.65 -0.06 0.00	28.17 0.00 0.00	28.26 -0.03 0.00	27.19 0.08 0.00	25.10 -0.05 0.00	25.27 -0.03 0.00	25.22 -0.08 0.00	25.55 -0.08 0.00	26.00 -0.13 0.00	28.07 -0.28 0.00	37.01 -0.34 0.00	45.99 -0.14 -0.21	43.50 -0.04 0.00	38.35 0.04 0.00	33.85 -0.10 0.00	31.60 -0.03 0.00	28.96 -0.03 0.00	28.41 -0.06 0.00
OSWEGO___5 23606	27.90 -0.48 0.00	27.77 -0.48 0.00	27.50 -0.53 0.00	27.45 -0.53 0.00	27.17 -0.53 0.00	27.64 -0.48 0.00	28.30 -0.40 0.00	27.61 -0.56 0.00	27.69 -0.60 0.00	26.46 -0.65 0.00	24.62 -0.53 0.00	24.81 -0.48 0.00	24.76 -0.53 0.00	25.09 -0.54 0.00	25.56 -0.58 0.00	27.73 -0.62 0.00	36.45 -0.90 0.00	45.58 -1.01 -0.68	42.46 -1.09 0.00	37.32 -1.00 0.00	33.10 -0.85 0.00	30.81 -0.82 -0.02	28.35 -0.64 0.00	27.98 -0.48 0.00
OSWEGO___6 23613	27.90 -0.48 0.00	27.77 -0.48 0.00	27.50 -0.53 0.00	27.45 -0.53 0.00	27.17 -0.53 0.00	27.64 -0.48 0.00	28.30 -0.40 0.00	27.61 -0.56 0.00	27.69 -0.60 0.00	26.46 -0.65 0.00	24.62 -0.53 0.00	24.81 -0.48 0.00	24.76 -0.53 0.00	25.09 -0.54 0.00	25.56 -0.58 0.00	27.73 -0.62 0.00	36.45 -0.90 0.00	45.58 -1.01 -0.68	42.46 -1.09 0.00	37.32 -1.00 0.00	33.10 -0.85 0.00	30.81 -0.82 -0.02	28.35 -0.64 0.00	27.98 -0.48 0.00
OUTOKUMPU-AB___DRP 24206	28.63 0.26 0.00	28.59 0.34 0.00	27.95 -0.08 0.00	28.12 0.14 0.00	27.56 -0.14 0.00	28.26 0.14 0.00	29.08 0.37 0.00	27.30 -0.87 0.00	26.62 -1.67 0.00	25.73 -1.38 0.00	24.72 -0.43 0.00	25.17 -0.13 0.00	24.97 -0.33 0.00	25.14 -0.49 0.00	25.45 -0.68 0.00	27.87 -0.48 0.00	35.75 -1.61 0.00	44.44 -2.62 -1.14	40.93 -2.61 0.00	35.87 -2.45 -0.01	31.81 -2.14 0.00	29.59 -2.06 -0.03	28.00 -0.99 0.00	27.50 -0.97 0.00
OXBOW____ 24026	28.29 -0.08 0.00	28.22 -0.03 0.00	27.90 -0.14 0.00	27.76 -0.22 0.00	27.51 -0.19 0.00	27.90 -0.23 0.00	29.02 0.32 0.00	26.99 -1.18 0.00	26.78 -1.50 0.00	25.43 -1.68 0.00	24.44 -0.70 0.00	24.89 -0.41 0.00	24.71 -0.58 0.00	24.86 -0.77 0.00	25.17 -0.97 0.00	27.56 -0.79 0.00	35.11 -2.24 0.00	43.97 -3.08 -1.13	40.32 -3.22 0.00	35.10 -3.22 -0.01	31.27 -2.68 0.00	29.40 -2.24 -0.03	27.65 -1.33 0.00	27.27 -1.19 0.00
OXY_CHEM_DSASP 323612	27.81 -0.57 0.00	27.94 -0.31 0.00	27.14 -0.90 0.00	27.51 -0.48 0.00	26.98 -0.72 0.00	27.64 -0.48 0.00	28.27 -0.43 0.00	26.57 -1.61 0.00	25.88 -2.40 0.00	25.02 -2.09 0.00	24.07 -1.08 0.00	24.51 -0.78 0.00	24.31 -0.99 0.00	24.47 -1.15 0.00	24.77 -1.36 0.00	27.10 -1.25 0.00	34.66 -2.69 0.00	43.14 -3.90 -1.13	39.54 -4.01 0.00	34.68 -3.64 -0.01	30.79 -3.16 0.00	28.67 -2.97 -0.03	27.22 -1.77 0.00	26.76 -1.71 0.00
OZONE_PARK_ESR 323760	30.31 1.93 0.00	29.97 1.72 0.00	29.58 1.54 0.00	29.38 1.40 0.00	29.08 1.38 0.00	29.75 1.63 0.00	30.63 1.92 0.00	30.31 2.14 0.00	30.29 2.01 0.00	29.04 1.92 0.00	26.78 1.63 0.00	26.86 1.57 0.00	26.99 1.69 0.00	27.35 1.72 0.00	27.91 1.78 0.00	30.59 2.24 0.00	40.71 3.36 0.00	54.15 4.18 -4.06	47.51 3.96 0.00	41.75 3.41 -0.03	37.00 3.06 0.00	34.56 2.85 -0.09	31.42 2.43 0.00	30.43 1.96 0.00

PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	27.81 -0.57 0.00	27.94 -0.31 0.00	27.14 -0.90 0.00	27.51 -0.48 0.00	26.98 -0.72 0.00	27.64 -0.48 0.00	28.27 -0.43 0.00	26.57 -1.61 0.00	25.88 -2.40 0.00	25.02 -2.09 0.00	24.07 -1.08 0.00	24.51 -0.78 0.00	24.31 -0.99 0.00	24.47 -1.15 0.00	24.77 -1.36 0.00	27.10 -1.25 0.00	34.66 -2.69 0.00	43.14 -3.90 -1.13	39.54 -4.01 0.00	34.68 -3.64 -0.01	30.79 -3.16 0.00	28.67 -2.97 -0.03	27.22 -1.77 0.00	26.76 -1.71 0.00
PACKARD__115KV_DUPONT_184 80571	27.81 -0.57 0.00	27.94 -0.31 0.00	27.14 -0.90 0.00	27.51 -0.48 0.00	26.98 -0.72 0.00	27.64 -0.48 0.00	28.27 -0.43 0.00	26.57 -1.61 0.00	25.88 -2.40 0.00	25.02 -2.09 0.00	24.07 -1.08 0.00	24.51 -0.78 0.00	24.31 -0.99 0.00	24.47 -1.15 0.00	24.77 -1.36 0.00	27.10 -1.25 0.00	34.66 -2.69 0.00	43.14 -3.90 -1.13	39.54 -4.01 0.00	34.68 -3.64 -0.01	30.79 -3.16 0.00	28.67 -2.97 -0.03	27.22 -1.77 0.00	26.76 -1.71 0.00
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	30.05 1.67 0.00	29.72 1.47 0.00	29.30 1.26 0.00	29.07 1.09 0.00	28.78 1.08 0.00	29.33 1.21 0.00	30.17 1.46 0.00	29.89 1.72 0.00	29.84 1.56 0.00	28.63 1.52 0.00	26.40 1.26 0.00	26.46 1.16 0.00	26.58 1.29 0.00	26.94 1.31 0.00	27.49 1.36 0.00	30.22 1.87 0.00	40.15 2.80 0.00	53.51 3.54 -4.06	46.90 3.35 0.00	41.22 2.87 -0.03	36.53 2.58 0.00	34.12 2.40 -0.09	31.04 2.06 0.00	30.15 1.68 0.00
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	30.31 1.93 0.00	30.00 1.75 0.00	29.58 1.54 0.00	29.33 1.34 0.00	29.03 1.33 0.00	29.61 1.49 0.00	30.45 1.75 0.00	30.17 2.00 0.00	30.09 1.81 0.00	28.87 1.76 0.00	26.61 1.46 0.00	26.66 1.37 0.00	26.76 1.47 0.00	27.11 1.49 0.00	27.68 1.54 0.00	30.45 2.10 0.00	40.45 3.10 0.00	53.92 3.95 -4.06	47.29 3.74 0.00	41.52 3.18 -0.03	36.80 2.85 0.00	34.40 2.69 -0.09	31.30 2.32 0.00	30.43 1.96 0.00
PATROON__115KV_TB1 80586	29.00 0.62 0.00	28.76 0.51 0.00	28.43 0.39 0.00	28.29 0.31 0.00	28.12 0.42 0.00	28.66 0.53 0.00	29.45 0.75 0.00	28.96 0.79 0.00	28.88 0.59 0.00	27.63 0.52 0.00	25.62 0.48 0.00	25.67 0.38 0.00	25.70 0.40 0.00	26.09 0.46 0.00	26.63 0.50 0.00	29.09 0.74 0.00	38.88 1.53 0.00	52.92 1.88 -5.12	45.29 1.74 0.00	39.92 1.57 -0.04	35.31 1.36 0.00	33.03 1.30 -0.11	30.03 1.04 0.00	29.15 0.68 0.00
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	28.92 0.54 0.00	28.76 0.51 0.00	28.21 0.17 0.00	28.29 0.31 0.00	27.75 0.06 0.00	28.43 0.31 0.00	29.33 0.63 0.00	27.83 -0.34 0.00	27.18 -1.10 0.00	26.27 -0.84 0.00	25.15 0.00 0.00	25.62 0.33 0.00	25.42 0.13 0.00	25.58 -0.05 0.00	25.90 -0.24 0.00	28.41 0.06 0.00	36.53 -0.82 0.00	44.48 -2.62 -1.18	41.98 -1.57 0.00	36.71 -1.61 -0.01	32.59 -1.36 0.00	30.29 -1.36 -0.03	28.52 -0.46 0.00	27.84 -0.63 0.00
PAWLING_115_KV_BK3_REV_LBMP_H 345028	30.05 1.67 0.00	29.75 1.50 0.00	29.33 1.29 0.00	29.19 1.20 0.00	28.86 1.16 0.00	29.47 1.35 0.00	30.28 1.58 0.00	30.00 1.83 0.00	29.95 1.67 0.00	28.66 1.55 0.00	26.43 1.28 0.00	26.41 1.11 0.00	26.63 1.34 0.00	26.96 1.33 0.00	27.54 1.41 0.00	30.28 1.93 0.00	40.27 2.91 0.00	53.95 3.90 -4.13	47.25 3.70 0.00	41.60 3.26 -0.03	36.80 2.85 0.00	34.34 2.62 -0.09	31.16 2.17 0.00	30.20 1.74 0.00
PEEKSKILL____ 23653	29.85 1.47 0.00	29.66 1.41 0.00	29.19 1.15 0.00	28.99 1.01 0.00	28.70 1.00 0.00	29.36 1.24 0.00	30.19 1.49 0.00	29.83 1.66 0.00	30.12 1.84 0.00	28.52 1.41 0.00	26.33 1.18 0.00	26.40 1.11 0.00	26.53 1.24 0.00	26.88 1.26 0.00	27.44 1.31 0.00	30.14 1.79 0.00	40.12 2.76 0.00	53.38 3.45 -4.02	46.77 3.22 0.00	41.14 2.80 -0.03	36.46 2.51 0.00	34.02 2.31 -0.09	30.96 1.97 0.00	30.12 1.65 0.00
PGE MADISON____WINDPWR 24146	31.30 2.92 0.00	31.16 2.91 0.00	30.81 2.78 0.00	30.75 2.77 0.00	30.42 2.72 0.00	31.13 3.01 0.00	31.83 3.13 0.00	31.05 2.87 0.00	31.11 2.83 0.00	29.47 2.36 0.00	27.28 2.14 0.00	27.57 2.28 0.00	27.42 2.12 0.00	27.75 2.13 0.00	28.33 2.20 0.00	31.21 2.86 0.00	41.27 3.92 0.00	52.74 5.19 -1.64	48.46 4.92 0.00	42.50 4.18 -0.01	37.45 3.50 0.00	34.66 3.01 -0.04	31.94 2.96 0.00	31.17 2.71 0.00
PIERCEFIELD____HYD 23852	28.52 0.14 0.00	28.47 0.23 0.00	28.40 0.36 0.00	28.40 0.42 0.00	28.06 0.36 0.00	28.35 0.22 0.00	28.85 0.14 0.00	28.37 0.20 0.00	28.74 0.45 0.00	27.52 0.41 0.00	25.42 0.28 0.00	25.60 0.30 0.00	25.57 0.28 0.00	25.88 0.26 0.00	26.32 0.18 0.00	28.21 -0.14 0.00	37.05 -0.30 0.00	45.85 -0.18 -0.12	43.50 -0.04 0.00	38.35 0.04 0.00	33.88 -0.07 0.00	31.75 0.13 0.00	29.10 0.12 0.00	28.67 0.20 0.00
PINELAWN_CC_1 323563	36.58 2.22 -5.99	36.26 2.12 -5.89	35.39 1.82 -5.53	35.33 1.68 -5.67	35.89 1.66 -6.53	35.36 1.94 -5.30	36.91 2.27 -5.94	37.01 2.39 -6.44	36.65 2.55 -5.82	35.86 2.06 -6.69	40.35 1.81 -13.39	36.92 1.72 -9.91	39.66 1.85 -12.52	39.66 1.87 -12.16	41.08 1.96 -12.99	42.62 2.52 -11.75	63.94 3.40 -23.19	79.15 3.99 -29.24	74.17 3.79 -26.84	63.09 3.25 -21.52	59.72 2.88 -22.89	54.56 2.81 -20.12	41.91 2.72 -10.21	40.50 2.36 -9.67
PJM_GEN_HTP_PROXY 323702	30.05 1.67 0.00	29.86 1.61 0.00	29.36 1.32 0.00	29.16 1.18 0.00	28.84 1.14 0.00	29.53 1.41 0.00	30.19 1.72 0.23	30.29 1.89 -0.23	30.35 2.06 0.00	28.79 1.68 0.00	26.55 1.41 0.00	26.63 1.34 0.00	26.76 1.47 0.00	27.11 1.49 0.00	27.65 1.52 0.00	30.39 2.04 0.00	40.52 3.10 -0.07	53.71 3.81 -3.99	47.12 3.57 0.00	41.45 3.10 -0.03	36.73 2.78 0.00	34.27 2.56 -0.09	31.22 2.23 0.00	30.32 1.85 0.00
PJM_GEN_KEystone 24065	29.17 0.79 0.00	29.01 0.76 0.00	28.54 0.51 0.00	28.43 0.45 0.00	28.17 0.47 0.00	28.71 0.59 0.00	29.39 0.92 0.23	29.00 0.59 -0.23	28.85 0.57 0.00	27.36 0.24 0.00	25.60 0.45 0.00	25.87 0.58 0.00	25.85 0.56 0.00	26.09 0.46 0.00	26.55 0.42 0.00	29.12 0.77 0.00	38.21 0.79 -0.07	49.18 0.64 -2.62	44.20 0.65 0.00	38.76 0.42 -0.02	34.42 0.48 0.00	32.06 0.38 -0.06	29.62 0.64 0.00	28.95 0.48 0.00
PJM_GEN_NEPTUNE_PROXY 323594	36.38 2.02 -5.99	36.08 1.95 -5.89	35.22 1.65 -5.53	35.19 1.54 -5.67	35.73 1.49 -6.53	35.19 1.77 -5.30	36.47 2.07 -5.70	37.05 2.20 -6.68	36.48 2.38 -5.82	35.73 1.93 -6.69	40.22 1.69 -13.39	36.82 1.62 -9.91	39.56 1.74 -12.52	39.56 1.77 -12.16	40.95 1.83 -12.99	42.43 2.33 -11.75	64.09 3.47 -23.26	79.36 4.27 -29.17	74.39 4.00 -26.84	63.32 3.49 -21.52	59.96 3.12 -22.89	54.62 2.88 -20.12	41.71 2.52 -10.21	40.33 2.19 -9.67
PJM_GEN_VFT_PROXY 323633	29.97 1.59 0.00	29.74 1.50 0.00	29.27 1.23 0.00	29.05 1.06 0.00	28.75 1.05 0.00	29.44 1.32 0.00	30.10 1.64 0.23	30.24 1.83 -0.23	30.29 2.01 0.00	28.74 1.63 0.00	26.50 1.36 0.00	26.58 1.29 0.00	26.68 1.39 0.00	27.06 1.43 0.00	27.60 1.46 0.00	30.28 1.93 0.00	40.37 2.95 -0.07	53.49 3.58 -3.99	46.90 3.35 0.00	41.25 2.91 -0.03	36.60 2.65 0.00	34.15 2.44 -0.09	31.10 2.11 0.00	30.20 1.74 0.00

PLATSBRG_115KV_PMLD1 355749	29.37 0.99 0.00	29.35 1.10 0.00	29.24 1.21 0.00	29.19 1.20 0.00	28.84 1.14 0.00	29.19 1.07 0.00	29.76 1.06 0.00	29.27 1.10 0.00	29.59 1.30 0.00	28.33 1.22 0.00	26.20 1.06 0.00	26.43 1.14 0.00	26.41 1.11 0.00	26.73 1.10 0.00	27.26 1.12 0.00	29.31 0.96 0.00	38.47 1.12 0.00	47.57 1.65 0.00	45.20 1.65 0.00	39.89 1.57 0.00	35.24 1.29 0.00	32.89 1.26 0.00	30.00 1.01 0.00	29.58 1.11 0.00
PLEASANTVLY___LBMP 24000	29.68 1.31 0.00	29.41 1.16 0.00	29.02 0.98 0.00	28.88 0.90 0.00	28.61 0.91 0.00	29.22 1.10 0.00	30.02 1.32 0.00	29.67 1.49 0.00	29.59 1.30 0.00	28.33 1.22 0.00	26.15 1.01 0.00	26.23 0.94 0.00	26.33 1.04 0.00	26.70 1.08 0.00	27.26 1.12 0.00	29.88 1.53 0.00	39.82 2.47 0.00	53.27 3.08 -4.28	46.42 2.87 0.00	40.80 2.45 -0.03	36.19 2.24 0.00	33.80 2.09 -0.10	30.72 1.74 0.00	29.83 1.37 0.00
PLSNTVLE_13_KV_13.8KVDIST 80602	29.86 1.48 0.00	29.55 1.30 0.00	29.16 1.12 0.00	29.02 1.04 0.00	28.72 1.02 0.00	29.39 1.27 0.00	30.20 1.49 0.00	29.86 1.69 0.00	29.78 1.50 0.00	28.52 1.41 0.00	26.33 1.18 0.00	26.41 1.11 0.00	26.53 1.24 0.00	26.88 1.26 0.00	27.44 1.31 0.00	30.11 1.76 0.00	40.08 2.73 0.00	53.50 3.44 -4.14	46.77 3.22 0.00	41.14 2.80 -0.03	36.46 2.51 0.00	34.02 2.31 -0.09	30.93 1.94 0.00	30.00 1.54 0.00
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	29.86 1.48 0.00	29.55 1.30 0.00	29.16 1.12 0.00	29.02 1.04 0.00	28.72 1.02 0.00	29.39 1.27 0.00	30.20 1.49 0.00	29.86 1.69 0.00	29.78 1.50 0.00	28.52 1.41 0.00	26.33 1.18 0.00	26.41 1.11 0.00	26.53 1.24 0.00	26.88 1.26 0.00	27.44 1.31 0.00	30.11 1.76 0.00	40.08 2.73 0.00	53.50 3.44 -4.14	46.77 3.22 0.00	41.14 2.80 -0.03	36.46 2.51 0.00	34.02 2.31 -0.09	30.93 1.94 0.00	30.00 1.54 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	29.94 1.56 0.00	29.66 1.41 0.00	29.27 1.23 0.00	29.10 1.12 0.00	28.84 1.14 0.00	29.44 1.32 0.00	30.20 1.49 0.00	29.86 1.69 0.00	29.78 1.50 0.00	28.47 1.36 0.00	26.28 1.13 0.00	26.30 1.01 0.00	26.43 1.14 0.00	26.78 1.15 0.00	27.39 1.25 0.00	30.08 1.73 0.00	40.12 2.76 0.00	53.61 3.54 -4.16	46.90 3.35 0.00	41.22 2.87 -0.03	36.49 2.55 0.00	34.05 2.34 -0.09	30.93 1.94 0.00	30.03 1.57 0.00
POLETTI____ 23519	29.99 1.62 0.00	29.66 1.41 0.00	29.27 1.23 0.00	29.07 1.09 0.00	28.78 1.08 0.00	29.44 1.32 0.00	30.27 1.58 0.02	29.96 1.80 0.02	29.94 1.67 0.02	28.70 1.60 0.02	26.46 1.33 0.02	26.54 1.26 0.02	26.67 1.39 0.02	27.02 1.41 0.02	27.58 1.46 0.02	30.26 1.93 0.02	40.29 2.95 0.02	46.67 3.63 2.87	41.01 3.44 5.97	35.38 2.95 5.89	35.79 2.68 0.84	34.16 2.47 -0.07	31.08 2.12 0.02	30.12 1.65 0.00
POMONA___ESR 323819	29.88 1.50 0.00	29.69 1.44 0.00	29.19 1.15 0.00	29.02 1.04 0.00	28.73 1.03 0.00	29.39 1.27 0.00	30.19 1.49 0.00	29.83 1.66 0.00	30.10 1.81 0.00	28.52 1.41 0.00	26.33 1.18 0.00	26.40 1.11 0.00	26.53 1.24 0.00	26.86 1.23 0.00	27.41 1.28 0.00	30.11 1.76 0.00	40.08 2.73 0.00	53.22 3.40 -3.91	46.77 3.22 0.00	41.10 2.76 -0.03	36.43 2.48 0.00	33.99 2.28 -0.09	30.96 1.97 0.00	30.12 1.65 0.00
PORT_JEFF_3 23555	36.67 2.30 -5.99	36.37 2.23 -5.89	35.50 1.93 -5.53	35.45 1.79 -5.67	36.01 1.77 -6.53	35.44 2.03 -5.30	37.02 2.38 -5.94	37.15 2.54 -6.44	36.76 2.66 -5.82	35.97 2.17 -6.69	40.42 1.89 -13.39	37.02 1.82 -9.91	39.77 1.95 -12.52	39.74 1.95 -12.16	41.21 2.09 -12.99	42.80 2.69 -11.75	64.58 4.04 -23.19	80.25 5.10 -29.24	75.18 4.79 -26.84	63.94 4.10 -21.52	60.47 3.63 -22.89	55.03 3.29 -20.12	42.06 2.87 -10.21	40.61 2.48 -9.67
PORT_JEFF_4 23616	36.67 2.30 -5.99	36.37 2.23 -5.89	35.50 1.93 -5.53	35.45 1.79 -5.67	36.01 1.77 -6.53	35.44 2.03 -5.30	37.02 2.38 -5.94	37.15 2.54 -6.44	36.76 2.66 -5.82	35.97 2.17 -6.69	40.42 1.89 -13.39	37.02 1.82 -9.91	39.77 1.95 -12.52	39.74 1.95 -12.16	41.21 2.09 -12.99	42.80 2.69 -11.75	64.58 4.04 -23.19	80.25 5.10 -29.24	75.18 4.79 -26.84	63.94 4.10 -21.52	60.47 3.63 -22.89	55.03 3.29 -20.12	42.06 2.87 -10.21	40.61 2.48 -9.67
PORT_JEFF_IC 23713	36.72 2.35 -5.99	36.40 2.26 -5.89	35.53 1.96 -5.53	35.47 1.82 -5.67	36.06 1.83 -6.53	35.50 2.08 -5.30	37.05 2.41 -5.94	37.18 2.56 -6.44	36.79 2.69 -5.82	36.00 2.20 -6.69	40.47 1.94 -13.39	37.07 1.87 -9.91	39.79 1.97 -12.52	39.79 2.00 -12.16	41.24 2.12 -12.99	42.85 2.75 -11.75	64.69 4.15 -23.19	80.39 5.23 -29.24	75.31 4.92 -26.84	64.05 4.21 -21.52	60.57 3.73 -22.89	55.09 3.35 -20.12	42.09 2.90 -10.21	40.64 2.51 -9.67
PPL PILGRIM_ST_GT1 24216	36.67 2.30 -5.99	36.34 2.20 -5.89	35.47 1.91 -5.53	35.42 1.76 -5.67	36.01 1.77 -6.53	35.44 2.03 -5.30	37.02 2.38 -5.94	37.15 2.54 -6.44	36.76 2.66 -5.82	35.97 2.17 -6.69	40.42 1.89 -13.39	37.02 1.82 -9.91	39.74 1.92 -12.52	39.74 1.95 -12.16	41.19 2.06 -12.99	42.74 2.64 -11.75	64.43 3.88 -23.19	79.89 4.73 -29.24	74.83 4.44 -26.84	63.67 3.83 -21.52	60.23 3.39 -22.89	54.93 3.19 -20.12	42.00 2.81 -10.21	40.59 2.45 -9.67
PPL PILGRIM_ST_GT2 24217	36.67 2.30 -5.99	36.34 2.20 -5.89	35.47 1.91 -5.53	35.42 1.76 -5.67	36.01 1.77 -6.53	35.44 2.03 -5.30	37.02 2.38 -5.94	37.15 2.54 -6.44	36.76 2.66 -5.82	35.97 2.17 -6.69	40.42 1.89 -13.39	37.02 1.82 -9.91	39.74 1.92 -12.52	39.74 1.95 -12.16	41.19 2.06 -12.99	42.74 2.64 -11.75	64.43 3.88 -23.19	79.89 4.73 -29.24	74.83 4.44 -26.84	63.67 3.83 -21.52	60.23 3.39 -22.89	54.93 3.19 -20.12	42.00 2.81 -10.21	40.59 2.45 -9.67
PPL_SHRM_GT3 24213	36.84 2.47 -5.99	36.54 2.40 -5.89	35.64 2.07 -5.53	35.58 1.93 -5.67	36.17 1.94 -6.53	35.61 2.19 -5.30	37.19 2.55 -5.94	37.29 2.68 -6.44	36.90 2.80 -5.82	36.11 2.30 -6.69	40.55 2.01 -13.39	37.15 1.95 -9.91	39.87 2.05 -12.52	39.87 2.07 -12.16	41.34 2.22 -12.99	43.02 2.92 -11.75	64.91 4.37 -23.19	80.75 5.60 -29.24	75.65 5.27 -26.84	64.32 4.48 -21.52	60.81 3.97 -22.89	55.31 3.57 -20.12	42.23 3.04 -10.21	40.76 2.62 -9.67
PPL_SHRM_GT4 24214	36.84 2.47 -5.99	36.54 2.40 -5.89	35.64 2.07 -5.53	35.58 1.93 -5.67	36.17 1.94 -6.53	35.61 2.19 -5.30	37.19 2.55 -5.94	37.29 2.68 -6.44	36.90 2.80 -5.82	36.11 2.30 -6.69	40.55 2.01 -13.39	37.15 1.95 -9.91	39.87 2.05 -12.52	39.87 2.07 -12.16	41.34 2.22 -12.99	43.02 2.92 -11.75	64.91 4.37 -23.19	80.75 5.60 -29.24	75.65 5.27 -26.84	64.32 4.48 -21.52	60.81 3.97 -22.89	55.31 3.57 -20.12	42.23 3.04 -10.21	40.76 2.62 -9.67
PROJECT___ORANGE I 24174	28.27 -0.11 0.00	28.14 -0.11 0.00	27.84 -0.20 0.00	27.81 -0.17 0.00	27.48 -0.22 0.00	28.01 -0.11 0.00	28.67 -0.03 0.00	28.03 -0.14 0.00	27.95 -0.34 0.00	26.81 -0.30 0.00	24.97 -0.18 0.00	25.17 -0.13 0.00	25.12 -0.18 0.00	25.45 -0.18 0.00	25.90 -0.24 0.00	28.15 -0.20 0.00	36.98 -0.37 0.00	46.29 -0.41 -0.78	43.07 -0.48 0.00	37.82 -0.50 -0.01	33.54 -0.41 0.00	31.26 -0.38 -0.02	28.81 -0.17 0.00	28.32 -0.14 0.00

PROJECT___ORANGE 2 24166	28.27 -0.11 0.00	28.14 -0.11 0.00	27.84 -0.20 0.00	27.81 -0.17 0.00	27.48 -0.22 0.00	28.01 -0.11 0.00	28.67 -0.03 0.00	28.03 -0.14 0.00	27.95 -0.34 0.00	26.81 -0.30 0.00	24.97 -0.18 0.00	25.17 -0.13 0.00	25.12 -0.18 0.00	25.45 -0.18 0.00	25.90 -0.24 0.00	28.15 -0.20 0.00	36.98 -0.37 0.00	46.29 -0.41 -0.78	43.07 -0.48 0.00	37.82 -0.50 -0.01	33.54 -0.41 0.00	31.26 -0.38 -0.02	28.81 -0.17 0.00	28.32 -0.14 0.00
PUCKETT___SOLAR 323809	29.54 1.16 0.00	29.43 1.19 0.00	29.08 1.04 0.00	28.99 1.01 0.00	28.70 1.00 0.00	29.28 1.15 0.00	30.02 1.32 0.00	29.27 1.10 0.00	29.30 1.02 0.00	27.79 0.68 0.00	25.88 0.73 0.00	26.13 0.83 0.00	26.05 0.76 0.00	26.34 0.72 0.00	26.86 0.73 0.00	29.46 1.10 0.00	38.77 1.42 0.00	49.40 1.74 -1.74	45.24 1.70 0.00	39.67 1.34 -0.01	35.17 1.22 0.00	32.61 0.95 -0.04	30.09 1.10 0.00	29.46 1.00 0.00
PYRITES___HYD 24023	28.95 0.57 0.00	28.90 0.65 0.00	28.85 0.81 0.00	28.82 0.84 0.00	28.48 0.78 0.00	28.80 0.67 0.00	29.25 0.55 0.00	28.76 0.59 0.00	29.16 0.88 0.00	27.87 0.76 0.00	25.75 0.60 0.00	25.93 0.63 0.00	25.88 0.58 0.00	26.19 0.56 0.00	26.66 0.52 0.00	28.63 0.28 0.00	37.65 0.30 0.00	46.67 0.64 -0.11	44.33 0.78 0.00	39.04 0.73 0.00	34.46 0.51 0.00	32.23 0.60 0.00	29.51 0.52 0.00	29.06 0.60 0.00
QUAKERRD_115KV_BK1 80622	27.84 -0.54 0.00	27.74 -0.51 0.00	27.28 -0.76 0.00	27.42 -0.56 0.00	26.90 -0.80 0.00	27.56 -0.56 0.00	28.30 -0.40 0.00	27.10 -1.07 0.00	26.70 -1.58 0.00	25.78 -1.33 0.00	24.39 -0.75 0.00	24.74 -0.56 0.00	24.56 -0.73 0.00	24.81 -0.82 0.00	25.22 -0.91 0.00	27.47 -0.88 0.00	35.71 -1.64 0.00	44.99 -1.93 -1.00	41.19 -2.35 0.00	36.18 -2.15 -0.01	32.12 -1.83 0.00	29.78 -1.87 -0.02	27.83 -1.16 0.00	27.30 -1.17 0.00
QUENSBRY_115KV_TB8 356137	29.71 1.33 0.00	29.52 1.27 0.00	29.10 1.07 0.00	28.99 1.01 0.00	28.95 1.25 0.00	29.53 1.41 0.00	30.37 1.66 0.00	29.75 1.58 0.00	29.67 1.39 0.00	28.36 1.25 0.00	26.20 1.06 0.00	26.08 0.78 0.00	26.08 0.78 0.00	26.47 0.85 0.00	27.07 0.94 0.00	29.54 1.19 0.00	39.74 2.39 0.00	54.29 3.12 -5.26	46.51 2.96 0.00	41.03 2.68 -0.04	36.09 2.14 0.00	33.61 1.87 -0.12	30.84 1.86 0.00	30.00 1.54 0.00
RAMAPO___LBMP 323565	29.77 1.39 0.00	29.46 1.21 0.00	29.08 1.04 0.00	28.93 0.95 0.00	28.64 0.94 0.00	29.28 1.15 0.00	30.05 1.35 0.00	29.72 1.55 0.00	29.64 1.36 0.00	28.41 1.30 0.00	26.25 1.11 0.00	26.33 1.04 0.00	26.46 1.16 0.00	26.78 1.15 0.00	27.34 1.20 0.00	30.00 1.64 0.00	39.89 2.54 0.00	53.02 3.21 -3.90	46.55 3.00 0.00	40.91 2.57 -0.03	36.29 2.34 0.00	33.86 2.15 -0.09	30.81 1.83 0.00	29.89 1.42 0.00
RANKINE____ 23646	28.89 0.51 0.00	28.76 0.51 0.00	28.21 0.17 0.00	28.29 0.31 0.00	27.75 0.06 0.00	28.43 0.31 0.00	29.33 0.63 0.00	27.72 -0.45 0.00	27.04 -1.24 0.00	26.14 -0.98 0.00	25.05 -0.10 0.00	25.52 0.23 0.00	25.32 0.03 0.00	25.47 -0.15 0.00	25.79 -0.34 0.00	28.27 -0.09 0.00	36.31 -1.05 0.00	44.83 -2.25 -1.17	41.63 -1.92 0.00	36.48 -1.84 -0.01	32.35 -1.60 0.00	30.07 -1.58 -0.03	28.38 -0.61 0.00	27.78 -0.68 0.00
RAVENSWOOD_GT2_1 24244	30.05 1.67 0.00	29.75 1.50 0.00	29.33 1.29 0.00	29.13 1.15 0.00	28.86 1.16 0.00	29.50 1.38 0.00	30.37 1.66 0.00	30.06 1.89 0.00	30.01 1.73 0.00	28.77 1.65 0.00	26.53 1.38 0.00	26.61 1.32 0.00	26.74 1.44 0.00	27.09 1.46 0.00	27.65 1.52 0.00	30.34 1.98 0.00	40.38 3.03 0.00	53.74 3.76 -4.06	47.07 3.53 0.00	41.37 3.03 -0.03	36.70 2.75 0.00	34.27 2.56 -0.09	31.16 2.17 0.00	30.20 1.74 0.00
RAVENSWOOD_GT2_2 24245	30.05 1.67 0.00	29.75 1.50 0.00	29.33 1.29 0.00	29.13 1.15 0.00	28.86 1.16 0.00	29.50 1.38 0.00	30.37 1.66 0.00	30.06 1.89 0.00	30.01 1.73 0.00	28.77 1.65 0.00	26.53 1.38 0.00	26.61 1.32 0.00	26.74 1.44 0.00	27.09 1.46 0.00	27.65 1.52 0.00	30.34 1.98 0.00	40.38 3.03 0.00	53.74 3.76 -4.06	47.07 3.53 0.00	41.37 3.03 -0.03	36.70 2.75 0.00	34.27 2.56 -0.09	31.16 2.17 0.00	30.20 1.74 0.00
RAVENSWOOD_GT2_3 24246	30.05 1.67 0.00	29.75 1.50 0.00	29.33 1.29 0.00	29.16 1.18 0.00	28.86 1.16 0.00	29.53 1.41 0.00	30.37 1.66 0.00	30.06 1.89 0.00	30.01 1.73 0.00	28.79 1.68 0.00	26.56 1.41 0.00	26.61 1.32 0.00	26.74 1.44 0.00	27.09 1.46 0.00	27.65 1.52 0.00	30.36 2.01 0.00	40.38 3.03 0.00	53.74 3.76 -4.06	47.12 3.57 0.00	41.41 3.07 -0.03	36.70 2.75 0.00	34.27 2.56 -0.09	31.19 2.20 0.00	30.20 1.74 0.00
RAVENSWOOD_GT2_4 24247	30.05 1.67 0.00	29.75 1.50 0.00	29.33 1.29 0.00	29.16 1.18 0.00	28.86 1.16 0.00	29.53 1.41 0.00	30.37 1.66 0.00	30.06 1.89 0.00	30.01 1.73 0.00	28.79 1.68 0.00	26.56 1.41 0.00	26.61 1.32 0.00	26.74 1.44 0.00	27.09 1.46 0.00	27.65 1.52 0.00	30.36 2.01 0.00	40.38 3.03 0.00	53.74 3.76 -4.06	47.12 3.57 0.00	41.41 3.07 -0.03	36.70 2.75 0.00	34.27 2.56 -0.09	31.19 2.20 0.00	30.20 1.74 0.00
RAVENSWOOD_GT3_1 24248	30.05 1.67 0.00	29.75 1.50 0.00	29.33 1.29 0.00	29.16 1.18 0.00	28.86 1.16 0.00	29.50 1.38 0.00	30.37 1.66 0.00	30.06 1.89 0.00	30.01 1.73 0.00	28.77 1.65 0.00	26.53 1.38 0.00	26.61 1.32 0.00	26.74 1.44 0.00	27.09 1.46 0.00	27.65 1.52 0.00	30.36 2.01 0.00	40.38 3.03 0.00	53.74 3.76 -4.06	47.07 3.53 0.00	41.37 3.03 -0.03	36.70 2.75 0.00	34.27 2.56 -0.09	31.19 2.20 0.00	30.20 1.74 0.00
RAVENSWOOD_GT3_2 24249	30.05 1.67 0.00	29.75 1.50 0.00	29.33 1.29 0.00	29.16 1.18 0.00	28.86 1.16 0.00	29.50 1.38 0.00	30.37 1.66 0.00	30.06 1.89 0.00	30.01 1.73 0.00	28.77 1.65 0.00	26.53 1.38 0.00	26.61 1.32 0.00	26.74 1.44 0.00	27.09 1.46 0.00	27.65 1.52 0.00	30.36 2.01 0.00	40.38 3.03 0.00	53.74 3.76 -4.06	47.07 3.53 0.00	41.37 3.03 -0.03	36.70 2.75 0.00	34.27 2.56 -0.09	31.19 2.20 0.00	30.20 1.74 0.00
RAVENSWOOD_GT3_3 24250	30.08 1.70 0.00	29.77 1.53 0.00	29.36 1.32 0.00	29.19 1.20 0.00	28.89 1.19 0.00	29.56 1.43 0.00	30.40 1.69 0.00	30.09 1.92 0.00	30.04 1.75 0.00	28.79 1.68 0.00	26.58 1.43 0.00	26.63 1.34 0.00	26.76 1.47 0.00	27.11 1.49 0.00	27.68 1.54 0.00	30.39 2.04 0.00	40.41 3.06 0.00	53.79 3.81 -4.06	47.16 3.61 0.00	41.45 3.10 -0.03	36.73 2.78 0.00	34.31 2.59 -0.09	31.22 2.23 0.00	30.23 1.76 0.00
RAVENSWOOD_GT3_4 24251	30.08 1.70 0.00	29.77 1.53 0.00	29.36 1.32 0.00	29.19 1.20 0.00	28.89 1.19 0.00	29.56 1.43 0.00	30.40 1.69 0.00	30.09 1.92 0.00	30.04 1.75 0.00	28.79 1.68 0.00	26.58 1.43 0.00	26.63 1.34 0.00	26.76 1.47 0.00	27.11 1.49 0.00	27.68 1.54 0.00	30.39 2.04 0.00	40.41 3.06 0.00	53.79 3.81 -4.06	47.16 3.61 0.00	41.45 3.10 -0.03	36.73 2.78 0.00	34.31 2.59 -0.09	31.22 2.23 0.00	30.23 1.76 0.00

RAVENSWOOD_GT_1 23729	30.14 1.76 0.00	29.80 1.55 0.00	29.38 1.35 0.00	29.19 1.20 0.00	28.89 1.19 0.00	29.53 1.41 0.00	30.37 1.66 0.00	30.09 1.92 0.00	30.04 1.75 0.00	28.82 1.71 0.00	26.56 1.41 0.00	26.63 1.34 0.00	26.76 1.47 0.00	27.11 1.49 0.00	27.65 1.52 0.00	30.39 2.04 0.00	40.41 3.06 0.00	53.83 3.86 -4.06	47.20 3.66 0.00	41.45 3.10 -0.03	36.73 2.78 0.00	34.34 2.62 -0.09	31.25 2.26 0.00	30.29 1.82 0.00
RAVENSWOOD_GT_10 24258	30.05 1.67 0.00	29.75 1.50 0.00	29.33 1.29 0.00	29.16 1.18 0.00	28.86 1.16 0.00	29.53 1.41 0.00	30.37 1.66 0.00	30.06 1.89 0.00	30.01 1.73 0.00	28.77 1.65 0.00	26.53 1.38 0.00	26.61 1.32 0.00	26.74 1.44 0.00	27.09 1.46 0.00	27.65 1.52 0.00	30.36 2.01 0.00	40.38 3.03 0.00	53.74 3.76 -4.06	47.07 3.53 0.00	41.37 3.03 -0.03	36.70 2.75 0.00	34.27 2.56 -0.09	31.19 2.20 0.00	30.20 1.74 0.00
RAVENSWOOD_GT_11 24259	30.05 1.67 0.00	29.75 1.50 0.00	29.33 1.29 0.00	29.16 1.18 0.00	28.86 1.16 0.00	29.53 1.41 0.00	30.37 1.66 0.00	30.06 1.89 0.00	30.01 1.73 0.00	28.77 1.65 0.00	26.53 1.38 0.00	26.61 1.32 0.00	26.74 1.44 0.00	27.09 1.46 0.00	27.65 1.52 0.00	30.36 2.01 0.00	40.38 3.03 0.00	53.74 3.76 -4.06	47.07 3.53 0.00	41.37 3.03 -0.03	36.70 2.75 0.00	34.27 2.56 -0.09	31.19 2.20 0.00	30.20 1.74 0.00
RAVENSWOOD_GT_4 24252	30.05 1.67 0.00	29.75 1.50 0.00	29.33 1.29 0.00	29.16 1.18 0.00	28.86 1.16 0.00	29.53 1.41 0.00	30.37 1.66 0.00	30.06 1.89 0.00	30.01 1.73 0.00	28.77 1.65 0.00	26.53 1.38 0.00	26.61 1.32 0.00	26.74 1.44 0.00	27.09 1.46 0.00	27.65 1.52 0.00	30.36 2.01 0.00	40.38 3.03 0.00	53.74 3.76 -4.06	47.07 3.53 0.00	41.37 3.03 -0.03	36.70 2.75 0.00	34.28 2.56 -0.09	31.16 2.17 0.00	30.20 1.74 0.00
RAVENSWOOD_GT_5 24254	30.05 1.67 0.00	29.75 1.50 0.00	29.33 1.29 0.00	29.16 1.18 0.00	28.86 1.16 0.00	29.53 1.41 0.00	30.37 1.66 0.00	30.06 1.89 0.00	30.01 1.73 0.00	28.77 1.65 0.00	26.53 1.38 0.00	26.61 1.32 0.00	26.74 1.44 0.00	27.09 1.46 0.00	27.65 1.52 0.00	30.36 2.01 0.00	40.38 3.03 0.00	53.74 3.76 -4.06	47.07 3.53 0.00	41.37 3.03 -0.03	36.70 2.75 0.00	34.28 2.56 -0.09	31.16 2.17 0.00	30.20 1.74 0.00
RAVENSWOOD_GT_6 24253	30.05 1.67 0.00	29.75 1.50 0.00	29.33 1.29 0.00	29.16 1.18 0.00	28.86 1.16 0.00	29.53 1.41 0.00	30.37 1.66 0.00	30.06 1.89 0.00	30.01 1.73 0.00	28.77 1.65 0.00	26.53 1.38 0.00	26.61 1.32 0.00	26.74 1.44 0.00	27.09 1.46 0.00	27.65 1.52 0.00	30.36 2.01 0.00	40.38 3.03 0.00	53.74 3.76 -4.06	47.07 3.53 0.00	41.37 3.03 -0.03	36.70 2.75 0.00	34.28 2.56 -0.09	31.16 2.17 0.00	30.20 1.74 0.00
RAVENSWOOD_GT_7 24255	30.05 1.67 0.00	29.75 1.50 0.00	29.33 1.29 0.00	29.16 1.18 0.00	28.86 1.16 0.00	29.53 1.41 0.00	30.37 1.66 0.00	30.06 1.89 0.00	30.01 1.73 0.00	28.77 1.65 0.00	26.53 1.38 0.00	26.61 1.32 0.00	26.74 1.44 0.00	27.09 1.46 0.00	27.65 1.52 0.00	30.36 2.01 0.00	40.38 3.03 0.00	53.74 3.76 -4.06	47.07 3.53 0.00	41.37 3.03 -0.03	36.70 2.75 0.00	34.28 2.56 -0.09	31.16 2.17 0.00	30.20 1.74 0.00
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	30.05 1.67 0.00	29.75 1.50 0.00	29.33 1.29 0.00	29.16 1.18 0.00	28.86 1.16 0.00	29.53 1.41 0.00	30.37 1.66 0.00	30.06 1.89 0.00	30.01 1.73 0.00	28.77 1.65 0.00	26.53 1.38 0.00	26.61 1.32 0.00	26.74 1.44 0.00	27.09 1.46 0.00	27.65 1.52 0.00	30.36 2.01 0.00	40.38 3.03 0.00	53.74 3.76 -4.06	47.07 3.53 0.00	41.37 3.03 -0.03	36.70 2.75 0.00	34.27 2.56 -0.09	31.19 2.20 0.00	30.20 1.74 0.00
RAVENSWOOD_GT_9 24257	30.05 1.67 0.00	29.75 1.50 0.00	29.33 1.29 0.00	29.16 1.18 0.00	28.86 1.16 0.00	29.53 1.41 0.00	30.37 1.66 0.00	30.06 1.89 0.00	30.01 1.73 0.00	28.77 1.65 0.00	26.53 1.38 0.00	26.61 1.32 0.00	26.74 1.44 0.00	27.09 1.46 0.00	27.65 1.52 0.00	30.36 2.01 0.00	40.38 3.03 0.00	53.74 3.76 -4.06	47.07 3.53 0.00	41.37 3.03 -0.03	36.70 2.75 0.00	34.27 2.56 -0.09	31.19 2.20 0.00	30.20 1.74 0.00
RAVENSWOOD___1 23533	30.11 1.73 0.00	29.91 1.67 0.00	29.38 1.35 0.00	29.16 1.18 0.00	28.86 1.16 0.00	29.53 1.41 0.00	30.40 1.69 0.00	30.06 1.89 0.00	30.35 2.06 0.00	28.79 1.68 0.00	26.55 1.41 0.00	26.61 1.31 0.00	26.74 1.44 0.00	27.09 1.46 0.00	27.65 1.52 0.00	30.39 2.04 0.00	40.45 3.10 0.00	53.78 3.81 -4.06	47.16 3.61 0.00	41.45 3.10 -0.03	36.73 2.78 0.00	34.31 2.59 -0.09	31.25 2.26 0.00	30.37 1.91 0.00
RAVENSWOOD___2 23534	30.11 1.73 0.00	29.89 1.64 0.00	29.38 1.35 0.00	29.16 1.18 0.00	28.84 1.14 0.00	29.50 1.38 0.00	30.40 1.69 0.00	30.06 1.89 0.00	30.35 2.06 0.00	28.79 1.68 0.00	26.53 1.38 0.00	26.61 1.31 0.00	26.74 1.44 0.00	27.09 1.46 0.00	27.62 1.49 0.00	30.39 2.04 0.00	40.42 3.06 0.00	53.78 3.81 -4.06	47.12 3.57 0.00	41.45 3.10 -0.03	36.70 2.75 0.00	34.31 2.59 -0.09	31.25 2.26 0.00	30.37 1.91 0.00
RAVENSWOOD___3 23535	30.05 1.67 0.00	29.86 1.61 0.00	29.36 1.32 0.00	29.16 1.18 0.00	28.84 1.14 0.00	29.53 1.41 0.00	30.40 1.69 0.00	30.06 1.89 0.00	30.35 2.06 0.00	28.77 1.65 0.00	26.53 1.38 0.00	26.61 1.31 0.00	26.74 1.44 0.00	27.09 1.46 0.00	27.65 1.52 0.00	30.36 2.01 0.00	40.42 3.06 0.00	53.74 3.77 -4.06	47.07 3.53 0.00	41.41 3.07 -0.03	36.70 2.75 0.00	34.27 2.56 -0.09	31.19 2.20 0.00	30.32 1.85 0.00
RAVENSWOOD___4 23820	30.11 1.73 0.00	29.89 1.64 0.00	29.38 1.35 0.00	29.16 1.18 0.00	28.84 1.14 0.00	29.50 1.38 0.00	30.37 1.66 0.00	30.03 1.86 0.00	30.35 2.06 0.00	28.77 1.65 0.00	26.53 1.38 0.00	26.61 1.31 0.00	26.71 1.42 0.00	27.06 1.43 0.00	27.62 1.49 0.00	30.39 2.04 0.00	40.42 3.06 0.00	53.74 3.77 -4.06	47.12 3.57 0.00	41.45 3.10 -0.03	36.70 2.75 0.00	34.27 2.56 -0.09	31.22 2.23 0.00	30.34 1.88 0.00
RCPI_TRUST___DRP 24196	30.25 1.87 0.00	29.91 1.67 0.00	29.52 1.49 0.00	29.33 1.34 0.00	29.03 1.33 0.00	29.70 1.57 0.00	30.57 1.87 0.00	30.26 2.08 0.00	30.21 1.92 0.00	28.98 1.87 0.00	26.73 1.58 0.00	26.81 1.52 0.00	26.91 1.62 0.00	27.29 1.67 0.00	27.83 1.70 0.00	30.56 2.21 0.00	40.68 3.32 0.00	54.11 4.13 -4.06	47.42 3.88 0.00	41.68 3.33 -0.03	36.97 3.02 0.00	34.50 2.78 -0.09	31.39 2.41 0.00	30.40 1.94 0.00
RED___ROCHESTER 323720	28.81 0.43 0.00	28.73 0.48 0.00	28.29 0.25 0.00	28.34 0.36 0.00	27.98 0.28 0.00	28.46 0.34 0.00	29.48 0.78 0.00	27.86 -0.31 0.00	27.72 -0.57 0.00	26.43 -0.68 0.00	25.15 0.00 0.00	25.57 0.28 0.00	25.34 0.05 0.00	25.58 -0.05 0.00	26.00 -0.13 0.00	28.35 0.00 0.00	36.57 -0.79 0.00	46.30 -0.64 -1.03	42.28 -1.26 0.00	36.91 -1.42 -0.01	32.86 -1.09 0.00	30.86 -0.79 -0.02	28.64 -0.35 0.00	28.15 -0.31 0.00

REGAN___SOLAR 323812	30.73 2.35 0.00	30.68 2.43 0.00	30.25 2.21 0.00	30.17 2.18 0.00	30.03 2.33 0.00	30.76 2.64 0.00	31.66 2.96 0.00	31.05 2.87 0.00	31.20 2.91 0.00	29.47 2.36 0.00	27.11 1.96 0.00	27.27 1.97 0.00	27.29 2.00 0.00	27.81 2.18 0.00	28.46 2.33 0.00	31.41 3.06 0.00	42.24 4.89 0.00	58.38 6.34 -6.13	49.64 6.10 0.00	43.65 5.29 -0.04	38.30 4.35 0.00	35.52 3.76 -0.14	32.26 3.27 0.00	31.14 2.68 0.00
RENSSELAER___COGEN 23796	28.89 0.51 0.00	28.70 0.45 0.00	28.32 0.28 0.00	28.18 0.20 0.00	27.95 0.25 0.00	28.54 0.42 0.00	29.33 0.63 0.00	28.82 0.65 0.00	28.94 0.65 0.00	27.49 0.38 0.00	25.50 0.35 0.00	25.55 0.25 0.00	25.60 0.30 0.00	25.99 0.36 0.00	26.53 0.39 0.00	28.97 0.62 0.00	38.66 1.31 0.00	52.59 1.61 -5.07	45.03 1.48 0.00	39.69 1.34 -0.04	35.14 1.19 0.00	32.84 1.11 -0.11	29.88 0.90 0.00	29.12 0.66 0.00
REPUBLIC_115KV_BARTNBRK 55605	30.96 2.58 0.00	30.76 2.51 0.00	30.31 2.27 0.00	30.19 2.21 0.00	30.25 2.55 0.00	30.93 2.81 0.00	31.89 3.19 0.00	31.24 3.07 0.00	31.14 2.86 0.00	29.71 2.60 0.00	27.44 2.29 0.00	27.22 1.92 0.00	27.17 1.87 0.00	27.60 1.97 0.00	28.20 2.06 0.00	30.93 2.58 0.00	41.95 4.59 0.00	57.09 5.92 -5.26	49.25 5.70 0.00	43.45 5.10 -0.04	38.06 4.11 0.00	35.34 3.60 -0.12	32.35 3.36 0.00	31.26 2.79 0.00
REVERE_CPPR_DRP 24186	29.43 1.05 0.00	29.26 1.02 0.00	28.99 0.95 0.00	28.96 0.98 0.00	28.61 0.91 0.00	29.19 1.07 0.00	29.79 1.09 0.00	29.19 1.01 0.00	29.22 0.93 0.00	27.95 0.84 0.00	25.88 0.73 0.00	26.05 0.76 0.00	25.98 0.68 0.00	26.32 0.69 0.00	26.86 0.73 0.00	29.29 0.94 0.00	38.73 1.38 0.00	48.16 1.84 -0.41	45.29 1.74 0.00	39.81 1.49 0.00	35.17 1.22 0.00	32.71 1.08 -0.01	30.00 1.01 0.00	29.43 0.97 0.00
REYNOLDS_115KV_TB3 80639	29.12 0.74 0.00	28.84 0.59 0.00	28.51 0.48 0.00	28.37 0.39 0.00	28.20 0.50 0.00	28.71 0.59 0.00	29.54 0.83 0.00	29.02 0.85 0.00	28.94 0.65 0.00	27.65 0.54 0.00	25.62 0.48 0.00	25.67 0.38 0.00	25.72 0.43 0.00	26.12 0.49 0.00	26.66 0.52 0.00	29.14 0.79 0.00	38.92 1.57 0.00	52.92 1.93 -5.08	45.33 1.79 0.00	39.92 1.57 -0.04	35.37 1.43 0.00	33.13 1.39 -0.11	30.09 1.10 0.00	29.24 0.77 0.00
RIVERBAY____ 323610	30.31 1.93 0.00	30.00 1.75 0.00	29.58 1.54 0.00	29.33 1.34 0.00	29.03 1.33 0.00	29.61 1.49 0.00	30.45 1.75 0.00	30.17 2.00 0.00	30.09 1.81 0.00	28.87 1.76 0.00	26.61 1.46 0.00	26.66 1.37 0.00	26.76 1.47 0.00	27.11 1.49 0.00	27.68 1.54 0.00	30.45 2.10 0.00	40.45 3.10 0.00	53.92 3.95 -4.06	47.29 3.74 0.00	41.52 3.18 -0.03	36.80 2.85 0.00	34.40 2.69 -0.09	31.30 2.32 0.00	30.43 1.96 0.00
RIVERSDE_115KV_TB3 55908	29.00 0.62 0.00	28.76 0.51 0.00	28.43 0.39 0.00	28.29 0.31 0.00	28.12 0.42 0.00	28.63 0.51 0.00	29.45 0.75 0.00	28.93 0.76 0.00	28.85 0.57 0.00	27.60 0.49 0.00	25.57 0.43 0.00	25.65 0.35 0.00	25.67 0.38 0.00	26.06 0.44 0.00	26.60 0.47 0.00	29.06 0.71 0.00	38.85 1.49 0.00	52.84 1.84 -5.09	45.24 1.70 0.00	39.85 1.49 -0.04	35.27 1.32 0.00	33.00 1.26 -0.11	30.00 1.01 0.00	29.15 0.68 0.00
ROARING___BROOK_WT_PWR 323790	28.21 -0.17 0.00	28.08 -0.17 0.00	27.98 -0.06 0.00	27.95 -0.03 0.00	27.67 -0.03 0.00	27.98 -0.14 0.00	28.47 -0.23 0.00	28.00 -0.17 0.00	28.12 -0.17 0.00	27.11 0.00 0.00	25.12 -0.03 0.00	25.27 -0.03 0.00	25.27 -0.03 0.00	25.60 -0.03 0.00	26.11 -0.03 0.00	28.18 -0.17 0.00	37.01 -0.34 0.00	45.50 -0.41 0.00	43.24 -0.30 0.00	38.09 -0.23 0.00	33.71 -0.24 0.00	31.43 -0.19 0.00	28.75 -0.23 0.00	28.24 -0.23 0.00
ROCHESRG_115KV_T4 355643	28.49 0.11 0.00	28.42 0.17 0.00	27.90 -0.14 0.00	28.04 0.06 0.00	27.48 -0.22 0.00	28.18 0.06 0.00	28.96 0.26 0.00	27.58 -0.59 0.00	27.07 -1.22 0.00	26.16 -0.95 0.00	24.87 -0.28 0.00	25.27 -0.03 0.00	25.07 -0.23 0.00	25.30 -0.33 0.00	25.69 -0.44 0.00	28.04 -0.31 0.00	36.23 -1.12 0.00	45.61 -1.33 -1.03	41.72 -1.83 0.00	36.60 -1.72 -0.01	32.49 -1.46 0.00	30.16 -1.49 -0.02	28.32 -0.67 0.00	27.78 -0.68 0.00
ROCHESTER_9_IC 23652	28.69 0.31 0.00	28.59 0.34 0.00	28.07 0.03 0.00	28.23 0.25 0.00	27.64 -0.06 0.00	28.35 0.22 0.00	29.16 0.46 0.00	27.78 -0.39 0.00	27.24 -1.05 0.00	26.35 -0.76 0.00	25.05 -0.10 0.00	25.47 0.18 0.00	25.24 -0.05 0.00	25.47 -0.15 0.00	25.87 -0.26 0.00	28.24 -0.11 0.00	36.53 -0.82 0.00	45.98 -0.96 -1.03	42.07 -1.48 0.00	36.94 -1.38 -0.01	32.79 -1.15 0.00	30.38 -1.26 -0.02	28.55 -0.43 0.00	27.95 -0.51 0.00
ROCKVIEW_13_KV_LD 356306	30.08 1.70 0.00	29.77 1.53 0.00	29.38 1.35 0.00	29.21 1.23 0.00	28.92 1.22 0.00	29.61 1.49 0.00	30.45 1.75 0.00	30.12 1.94 0.00	30.07 1.78 0.00	28.79 1.68 0.00	26.58 1.43 0.00	26.66 1.37 0.00	26.81 1.52 0.00	27.17 1.54 0.00	27.73 1.59 0.00	30.42 2.07 0.00	40.49 3.14 0.00	53.92 3.95 -4.06	47.25 3.70 0.00	41.52 3.18 -0.03	36.80 2.85 0.00	34.37 2.66 -0.09	31.25 2.26 0.00	30.29 1.82 0.00
ROME____115KV_TB2 80656	29.43 1.05 0.00	29.26 1.02 0.00	28.99 0.95 0.00	28.96 0.98 0.00	28.61 0.91 0.00	29.19 1.07 0.00	29.79 1.09 0.00	29.19 1.01 0.00	29.22 0.93 0.00	27.95 0.84 0.00	25.88 0.73 0.00	26.05 0.76 0.00	25.98 0.68 0.00	26.32 0.69 0.00	26.86 0.73 0.00	29.29 0.94 0.00	38.73 1.38 0.00	48.16 1.84 -0.41	45.29 1.74 0.00	39.81 1.49 0.00	35.17 1.22 0.00	32.71 1.08 -0.01	30.00 1.01 0.00	29.43 0.97 0.00
ROSETON___1 23587	29.66 1.28 0.00	29.46 1.21 0.00	29.02 0.98 0.00	28.85 0.87 0.00	28.56 0.86 0.00	29.19 1.07 0.00	30.00 1.29 0.00	29.61 1.44 0.00	29.84 1.55 0.00	28.28 1.16 0.00	26.13 0.98 0.00	26.20 0.91 0.00	26.31 1.01 0.00	26.65 1.03 0.00	27.21 1.07 0.00	29.85 1.50 0.00	39.74 2.39 0.00	52.94 2.94 -4.09	46.29 2.75 0.00	40.76 2.42 -0.03	36.12 2.17 0.00	33.71 1.99 -0.09	30.69 1.71 0.00	29.89 1.42 0.00
ROSETON___2 23588	29.66 1.28 0.00	29.46 1.21 0.00	29.02 0.98 0.00	28.85 0.87 0.00	28.56 0.86 0.00	29.19 1.07 0.00	30.00 1.29 0.00	29.61 1.44 0.00	29.84 1.55 0.00	28.28 1.16 0.00	26.13 0.98 0.00	26.20 0.91 0.00	26.31 1.01 0.00	26.65 1.03 0.00	27.21 1.07 0.00	29.85 1.50 0.00	39.74 2.39 0.00	52.94 2.94 -4.09	46.29 2.75 0.00	40.76 2.42 -0.03	36.12 2.17 0.00	33.71 1.99 -0.09	30.69 1.71 0.00	29.89 1.42 0.00
ROTTDRAM_115KV_TB3 80664	29.34 0.96 0.00	29.15 0.90 0.00	28.80 0.76 0.00	28.68 0.70 0.00	28.50 0.80 0.00	29.02 0.90 0.00	29.76 1.06 0.00	29.27 1.10 0.00	29.19 0.91 0.00	27.92 0.81 0.00	25.83 0.68 0.00	25.90 0.61 0.00	25.95 0.66 0.00	26.32 0.69 0.00	26.86 0.73 0.00	29.37 1.02 0.00	39.18 1.83 0.00	53.48 2.25 -5.32	45.68 2.13 0.00	40.23 1.88 -0.04	35.58 1.63 0.00	33.26 1.52 -0.12	30.29 1.30 0.00	29.46 1.00 0.00

RUSSELL___1 23602	28.80 0.43 0.00	28.70 0.45 0.00	28.18 0.14 0.00	28.35 0.36 0.00	27.75 0.06 0.00	28.46 0.34 0.00	29.28 0.57 0.00	27.86 -0.31 0.00	27.35 -0.93 0.00	26.43 -0.68 0.00	25.15 0.00 0.00	25.57 0.28 0.00	25.34 0.05 0.00	25.58 -0.05 0.00	25.98 -0.16 0.00	28.35 0.00 0.00	36.72 -0.63 0.00	46.26 -0.69 -1.03	42.28 -1.26 0.00	37.13 -1.19 -0.01	32.96 -0.98 0.00	30.54 -1.11 -0.02	28.67 -0.32 0.00	28.07 -0.40 0.00
RUSSELL___2 23532	28.80 0.43 0.00	28.70 0.45 0.00	28.18 0.14 0.00	28.35 0.36 0.00	27.75 0.06 0.00	28.46 0.34 0.00	29.28 0.57 0.00	27.86 -0.31 0.00	27.35 -0.93 0.00	26.43 -0.68 0.00	25.15 0.00 0.00	25.57 0.28 0.00	25.34 0.05 0.00	25.58 -0.05 0.00	25.98 -0.16 0.00	28.35 0.00 0.00	36.72 -0.63 0.00	46.26 -0.69 -1.03	42.28 -1.26 0.00	37.13 -1.19 -0.01	32.96 -0.98 0.00	30.54 -1.11 -0.02	28.67 -0.32 0.00	28.07 -0.40 0.00
RUSSELL___3 23549	28.80 0.43 0.00	28.70 0.45 0.00	28.18 0.14 0.00	28.35 0.36 0.00	27.75 0.06 0.00	28.46 0.34 0.00	29.28 0.57 0.00	27.86 -0.31 0.00	27.35 -0.93 0.00	26.43 -0.68 0.00	25.15 0.00 0.00	25.57 0.28 0.00	25.34 0.05 0.00	25.58 -0.05 0.00	25.98 -0.16 0.00	28.35 0.00 0.00	36.72 -0.63 0.00	46.26 -0.69 -1.03	42.28 -1.26 0.00	37.13 -1.19 -0.01	32.96 -0.98 0.00	30.54 -1.11 -0.02	28.67 -0.32 0.00	28.07 -0.40 0.00
RUSSELL___4 23556	28.80 0.43 0.00	28.70 0.45 0.00	28.18 0.14 0.00	28.35 0.36 0.00	27.75 0.06 0.00	28.46 0.34 0.00	29.28 0.57 0.00	27.86 -0.31 0.00	27.35 -0.93 0.00	26.43 -0.68 0.00	25.15 0.00 0.00	25.57 0.28 0.00	25.34 0.05 0.00	25.58 -0.05 0.00	25.98 -0.16 0.00	28.35 0.00 0.00	36.72 -0.63 0.00	46.26 -0.69 -1.03	42.28 -1.26 0.00	37.13 -1.19 -0.01	32.96 -0.98 0.00	30.54 -1.11 -0.02	28.67 -0.32 0.00	28.07 -0.40 0.00
RUSSELL___STATION 23914	28.80 0.43 0.00	28.70 0.45 0.00	28.18 0.14 0.00	28.35 0.36 0.00	27.75 0.06 0.00	28.46 0.34 0.00	29.28 0.57 0.00	27.86 -0.31 0.00	27.35 -0.93 0.00	26.43 -0.68 0.00	25.15 0.00 0.00	25.57 0.28 0.00	25.34 0.05 0.00	25.58 -0.05 0.00	25.98 -0.16 0.00	28.35 0.00 0.00	36.72 -0.63 0.00	46.26 -0.69 -1.03	42.28 -1.26 0.00	37.13 -1.19 -0.01	32.96 -0.98 0.00	30.54 -1.11 -0.02	28.67 -0.32 0.00	28.07 -0.40 0.00
S SALMON___HYD 24043	28.21 -0.17 0.00	28.08 -0.17 0.00	27.81 -0.23 0.00	27.73 -0.25 0.00	27.45 -0.25 0.00	27.98 -0.14 0.00	28.62 -0.09 0.00	27.95 -0.23 0.00	28.00 -0.28 0.00	26.71 -0.41 0.00	24.79 -0.35 0.00	24.94 -0.35 0.00	24.86 -0.43 0.00	25.22 -0.41 0.00	25.71 -0.42 0.00	27.93 -0.42 0.00	36.86 -0.49 0.00	46.22 -0.37 -0.68	43.15 -0.39 0.00	37.90 -0.42 0.00	33.54 -0.41 0.00	31.23 -0.41 -0.02	28.75 -0.23 0.00	28.33 -0.14 0.00
S.PERRY___115KV_TB1 80734	29.83 1.45 0.00	29.69 1.44 0.00	29.19 1.15 0.00	29.35 1.37 0.00	28.70 1.00 0.00	29.50 1.38 0.00	30.34 1.64 0.00	29.07 0.90 0.00	28.43 0.14 0.00	27.36 0.24 0.00	25.93 0.78 0.00	26.30 1.01 0.00	26.03 0.73 0.00	26.27 0.64 0.00	26.66 0.52 0.00	29.23 0.88 0.00	38.02 0.67 0.00	48.04 0.92 -1.21	44.24 0.70 0.00	38.74 0.42 -0.01	34.42 0.48 0.00	31.81 0.16 -0.03	29.77 0.78 0.00	29.01 0.54 0.00
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	28.58 0.20 0.00	28.45 0.20 0.00	27.87 -0.17 0.00	28.01 0.03 0.00	27.48 -0.22 0.00	28.15 0.03 0.00	29.02 0.32 0.00	27.33 -0.85 0.00	26.67 -1.61 0.00	25.78 -1.33 0.00	24.74 -0.40 0.00	25.19 -0.10 0.00	24.99 -0.30 0.00	25.17 -0.46 0.00	25.48 -0.65 0.00	27.90 -0.45 0.00	35.75 -1.61 0.00	44.35 -2.71 -1.15	40.93 -2.61 0.00	35.87 -2.45 -0.01	31.84 -2.10 0.00	29.62 -2.02 -0.03	28.03 -0.96 0.00	27.47 -1.00 0.00
SAWYER___23_KV_LOAD 55526	28.58 0.20 0.00	28.45 0.20 0.00	27.87 -0.17 0.00	28.01 0.03 0.00	27.48 -0.22 0.00	28.15 0.03 0.00	29.02 0.32 0.00	27.33 -0.85 0.00	26.67 -1.61 0.00	25.78 -1.33 0.00	24.74 -0.40 0.00	25.19 -0.10 0.00	24.99 -0.30 0.00	25.17 -0.46 0.00	25.48 -0.65 0.00	27.90 -0.45 0.00	35.75 -1.61 0.00	44.35 -2.71 -1.15	40.93 -2.61 0.00	35.87 -2.45 -0.01	31.84 -2.10 0.00	29.62 -2.02 -0.03	28.03 -0.96 0.00	27.47 -1.00 0.00
SELKIRK___I 23801	29.06 0.68 0.00	28.92 0.68 0.00	28.54 0.51 0.00	28.40 0.42 0.00	28.14 0.44 0.00	28.71 0.59 0.00	29.48 0.78 0.00	28.99 0.82 0.00	29.11 0.82 0.00	27.65 0.54 0.00	25.62 0.48 0.00	25.70 0.40 0.00	25.75 0.46 0.00	26.11 0.49 0.00	26.66 0.52 0.00	29.14 0.79 0.00	38.81 1.46 0.00	52.71 1.74 -5.05	45.16 1.61 0.00	39.81 1.46 -0.04	35.24 1.29 0.00	32.94 1.20 -0.11	30.00 1.01 0.00	29.29 0.83 0.00
SELKIRK___II 23799	29.03 0.65 0.00	28.87 0.62 0.00	28.49 0.45 0.00	28.34 0.36 0.00	28.09 0.39 0.00	28.68 0.56 0.00	29.45 0.75 0.00	28.93 0.76 0.00	29.08 0.79 0.00	27.63 0.51 0.00	25.57 0.43 0.00	25.65 0.35 0.00	25.70 0.40 0.00	26.06 0.44 0.00	26.63 0.50 0.00	29.12 0.77 0.00	38.77 1.42 0.00	52.71 1.74 -5.05	45.16 1.61 0.00	39.81 1.46 -0.04	35.24 1.29 0.00	32.94 1.20 -0.11	29.97 0.99 0.00	29.24 0.77 0.00
SENECA OSWGO___HYD 24041	28.04 -0.34 0.00	27.91 -0.34 0.00	27.65 -0.39 0.00	27.56 -0.42 0.00	27.28 -0.41 0.00	27.79 -0.34 0.00	28.44 -0.26 0.00	27.80 -0.37 0.00	27.89 -0.40 0.00	26.62 -0.49 0.00	24.77 -0.38 0.00	24.96 -0.33 0.00	24.89 -0.41 0.00	25.22 -0.41 0.00	25.69 -0.44 0.00	27.90 -0.45 0.00	36.72 -0.64 0.00	46.01 -0.64 -0.74	42.81 -0.74 0.00	37.63 -0.69 -0.01	33.34 -0.61 0.00	31.04 -0.60 -0.02	28.55 -0.43 0.00	28.15 -0.31 0.00
SENECA___115KV_TB3 355854	28.95 0.57 0.00	28.81 0.56 0.00	28.23 0.20 0.00	28.35 0.36 0.00	27.81 0.11 0.00	28.49 0.37 0.00	29.36 0.66 0.00	27.75 -0.42 0.00	27.10 -1.19 0.00	26.19 -0.92 0.00	25.10 -0.05 0.00	25.55 0.25 0.00	25.34 0.05 0.00	25.50 -0.13 0.00	25.82 -0.31 0.00	28.32 -0.03 0.00	36.38 -0.97 0.00	44.93 -2.16 -1.17	41.72 -1.83 0.00	36.52 -1.80 -0.01	32.42 -1.53 0.00	30.13 -1.52 -0.03	28.43 -0.55 0.00	27.84 -0.63 0.00
SENECA___ENERGY 23797	28.52 0.14 0.00	28.42 0.17 0.00	28.09 0.06 0.00	28.04 0.06 0.00	27.73 0.03 0.00	28.26 0.14 0.00	29.10 0.40 0.00	28.20 0.03 0.00	28.20 -0.08 0.00	26.89 -0.22 0.00	25.17 0.03 0.00	25.45 0.15 0.00	25.29 0.00 0.00	25.58 -0.05 0.00	26.03 -0.10 0.00	28.41 0.06 0.00	37.09 -0.26 0.00	46.76 -0.14 -0.98	43.24 -0.30 0.00	37.86 -0.46 -0.01	33.71 -0.24 0.00	31.33 -0.32 -0.02	28.93 -0.06 0.00	28.41 -0.06 0.00
SHOEMAKER___GT 23640	29.52 1.14 0.00	29.35 1.10 0.00	28.91 0.87 0.00	28.76 0.78 0.00	28.47 0.77 0.00	29.08 0.96 0.00	29.82 1.12 0.00	29.41 1.24 0.00	29.61 1.33 0.00	28.09 0.97 0.00	25.95 0.80 0.00	26.03 0.73 0.00	26.13 0.83 0.00	26.47 0.84 0.00	27.02 0.89 0.00	29.63 1.28 0.00	39.40 2.05 0.00	52.16 2.57 -3.68	45.98 2.44 0.00	40.45 2.11 -0.03	35.81 1.87 0.00	33.41 1.71 -0.08	30.43 1.45 0.00	29.69 1.22 0.00

SHOEMAKR_138KV_BK 111 55601	29.51 1.14 0.00	29.24 0.99 0.00	28.88 0.84 0.00	28.77 0.78 0.00	28.48 0.78 0.00	29.08 0.96 0.00	29.79 1.09 0.00	29.41 1.24 0.00	29.33 1.05 0.00	28.11 1.00 0.00	25.98 0.83 0.00	26.05 0.76 0.00	26.15 0.86 0.00	26.50 0.87 0.00	27.05 0.91 0.00	29.63 1.28 0.00	39.41 2.05 0.00	52.14 2.57 -3.65	45.98 2.44 0.00	40.45 2.11 -0.03	35.82 1.87 0.00	33.44 1.74 -0.08	30.43 1.45 0.00	29.58 1.11 0.00
SHOREHAM_IC_1 23715	36.84 2.47 -5.99	36.54 2.40 -5.89	35.64 2.07 -5.53	35.58 1.93 -5.67	36.17 1.94 -6.53	35.61 2.19 -5.30	37.19 2.55 -5.94	37.29 2.68 -6.44	36.90 2.80 -5.82	36.11 2.30 -6.69	40.55 2.01 -13.39	37.15 1.95 -9.91	39.87 2.05 -12.52	39.87 2.07 -12.16	41.34 2.22 -12.99	43.02 2.92 -11.75	64.91 4.37 -23.19	80.75 5.60 -29.24	75.65 5.27 -26.84	64.32 4.48 -21.52	60.81 3.97 -22.89	55.31 3.57 -20.12	42.23 3.04 -10.21	40.76 2.62 -9.67
SHOREHAM_IC_2 23716	36.84 2.47 -5.99	36.54 2.40 -5.89	35.64 2.07 -5.53	35.58 1.93 -5.67	36.17 1.94 -6.53	35.61 2.19 -5.30	37.19 2.55 -5.94	37.29 2.68 -6.44	36.90 2.80 -5.82	36.11 2.30 -6.69	40.55 2.01 -13.39	37.15 1.95 -9.91	39.87 2.05 -12.52	39.87 2.07 -12.16	41.34 2.22 -12.99	43.02 2.92 -11.75	64.91 4.37 -23.19	80.75 5.60 -29.24	75.65 5.27 -26.84	64.32 4.48 -21.52	60.81 3.97 -22.89	55.31 3.57 -20.12	42.23 3.04 -10.21	40.76 2.62 -9.67
SISSONVILLE____ 23735	28.52 0.14 0.00	28.47 0.23 0.00	28.40 0.36 0.00	28.40 0.42 0.00	28.06 0.36 0.00	28.35 0.22 0.00	28.85 0.14 0.00	28.37 0.20 0.00	28.74 0.45 0.00	27.52 0.41 0.00	25.42 0.28 0.00	25.60 0.30 0.00	25.57 0.28 0.00	25.88 0.26 0.00	26.32 0.18 0.00	28.21 -0.14 0.00	37.05 -0.30 0.00	45.85 -0.18 -0.12	43.50 -0.04 0.00	38.35 0.04 0.00	33.88 -0.07 0.00	31.75 0.13 0.00	29.10 0.12 0.00	28.67 0.20 0.00
SITHE_IND_GS1 24169	27.67 -0.71 0.00	27.54 -0.71 0.00	27.28 -0.76 0.00	27.23 -0.75 0.00	26.95 -0.75 0.00	27.42 -0.70 0.00	28.07 -0.63 0.00	27.38 -0.79 0.00	27.44 -0.85 0.00	26.24 -0.87 0.00	24.42 -0.73 0.00	24.58 -0.71 0.00	24.56 -0.73 0.00	24.86 -0.77 0.00	25.32 -0.81 0.00	27.47 -0.88 0.00	36.12 -1.23 0.00	45.09 -1.47 -0.65	42.07 -1.48 0.00	36.98 -1.34 0.00	32.76 -1.19 0.00	30.53 -1.11 -0.01	28.09 -0.90 0.00	27.78 -0.68 0.00
SITHE_IND_GS2 24170	27.67 -0.71 0.00	27.54 -0.71 0.00	27.28 -0.76 0.00	27.23 -0.75 0.00	26.95 -0.75 0.00	27.42 -0.70 0.00	28.07 -0.63 0.00	27.38 -0.79 0.00	27.44 -0.85 0.00	26.24 -0.87 0.00	24.42 -0.73 0.00	24.58 -0.71 0.00	24.56 -0.73 0.00	24.86 -0.77 0.00	25.32 -0.81 0.00	27.47 -0.88 0.00	36.12 -1.23 0.00	45.09 -1.47 -0.65	42.07 -1.48 0.00	36.98 -1.34 0.00	32.76 -1.19 0.00	30.53 -1.11 -0.01	28.09 -0.90 0.00	27.78 -0.68 0.00
SITHE_IND_GS3 24171	27.67 -0.71 0.00	27.54 -0.71 0.00	27.28 -0.76 0.00	27.23 -0.75 0.00	26.95 -0.75 0.00	27.42 -0.70 0.00	28.07 -0.63 0.00	27.38 -0.79 0.00	27.44 -0.85 0.00	26.24 -0.87 0.00	24.42 -0.73 0.00	24.58 -0.71 0.00	24.56 -0.73 0.00	24.86 -0.77 0.00	25.32 -0.81 0.00	27.47 -0.88 0.00	36.12 -1.23 0.00	45.09 -1.47 -0.65	42.07 -1.48 0.00	36.98 -1.34 0.00	32.76 -1.19 0.00	30.53 -1.11 -0.01	28.09 -0.90 0.00	27.78 -0.68 0.00
SITHE_IND_GS4 24172	27.67 -0.71 0.00	27.54 -0.71 0.00	27.28 -0.76 0.00	27.23 -0.75 0.00	26.95 -0.75 0.00	27.42 -0.70 0.00	28.07 -0.63 0.00	27.38 -0.79 0.00	27.44 -0.85 0.00	26.24 -0.87 0.00	24.42 -0.73 0.00	24.58 -0.71 0.00	24.56 -0.73 0.00	24.86 -0.77 0.00	25.32 -0.81 0.00	27.47 -0.88 0.00	36.12 -1.23 0.00	45.09 -1.47 -0.65	42.07 -1.48 0.00	36.98 -1.34 0.00	32.76 -1.19 0.00	30.53 -1.11 -0.01	28.09 -0.90 0.00	27.78 -0.68 0.00
SITHE____BATAVIA 24024	29.06 0.68 0.00	28.98 0.73 0.00	28.43 0.39 0.00	28.60 0.61 0.00	28.22 0.52 0.00	28.71 0.59 0.00	29.82 1.12 0.00	27.80 -0.37 0.00	27.61 -0.68 0.00	26.24 -0.87 0.00	25.12 -0.03 0.00	25.57 0.28 0.00	25.32 0.03 0.00	25.50 -0.13 0.00	25.87 -0.26 0.00	28.29 -0.06 0.00	36.31 -1.05 0.00	45.77 -1.24 -1.09	41.89 -1.65 0.00	36.52 -1.80 -0.01	32.52 -1.42 0.00	30.48 -1.17 -0.02	28.55 -0.43 0.00	28.10 -0.37 0.00
SITHE____INDEPEND 23800	27.67 -0.71 0.00	27.54 -0.71 0.00	27.28 -0.76 0.00	27.23 -0.76 0.00	26.92 -0.78 0.00	27.42 -0.70 0.00	28.04 -0.66 0.00	27.38 -0.79 0.00	27.32 -0.96 0.00	26.24 -0.87 0.00	24.42 -0.73 0.00	24.58 -0.71 0.00	24.56 -0.73 0.00	24.86 -0.77 0.00	25.32 -0.81 0.00	27.47 -0.88 0.00	36.12 -1.23 0.00	45.04 -1.52 -0.65	42.07 -1.48 0.00	36.98 -1.34 0.00	32.76 -1.19 0.00	30.53 -1.11 -0.01	28.12 -0.87 0.00	27.76 -0.71 0.00
SITHE____MASSENA 23902	28.44 0.06 0.00	28.33 0.08 0.00	28.29 0.25 0.00	28.29 0.31 0.00	27.98 0.28 0.00	28.23 0.11 0.00	28.67 -0.03 0.00	28.26 0.08 0.00	28.31 0.03 0.00	27.41 0.30 0.00	25.37 0.23 0.00	25.55 0.25 0.00	25.52 0.23 0.00	25.86 0.23 0.00	26.34 0.21 0.00	28.32 -0.03 0.00	37.17 -0.19 0.00	45.73 -0.18 0.00	43.50 -0.04 0.00	38.35 0.04 0.00	33.95 0.00 0.00	31.69 0.06 0.00	28.98 0.00 0.00	28.50 0.03 0.00
SITHE____OGDNSBRG 24021	28.89 0.51 0.00	28.84 0.59 0.00	28.77 0.73 0.00	28.77 0.78 0.00	28.42 0.72 0.00	28.71 0.59 0.00	29.16 0.46 0.00	28.68 0.51 0.00	29.08 0.79 0.00	27.79 0.68 0.00	25.67 0.53 0.00	25.85 0.56 0.00	25.83 0.53 0.00	26.14 0.51 0.00	26.63 0.50 0.00	28.63 0.28 0.00	37.61 0.26 0.00	46.56 0.55 -0.09	44.24 0.70 0.00	39.01 0.69 0.00	34.42 0.48 0.00	32.16 0.54 0.00	29.42 0.43 0.00	29.01 0.54 0.00
SITHE____STERLING 23777	29.23 0.85 0.00	29.09 0.85 0.00	28.82 0.78 0.00	28.76 0.78 0.00	28.47 0.77 0.00	29.02 0.90 0.00	29.65 0.95 0.00	29.05 0.87 0.00	29.13 0.85 0.00	27.79 0.68 0.00	25.78 0.63 0.00	25.95 0.66 0.00	25.88 0.58 0.00	26.22 0.59 0.00	26.76 0.63 0.00	29.14 0.79 0.00	38.47 1.12 0.00	47.86 1.47 -0.48	44.90 1.35 0.00	39.47 1.15 0.00	34.90 0.95 0.00	32.45 0.82 -0.01	29.80 0.81 0.00	29.29 0.83 0.00
SLEIGHT__34_KV_TB1 80719	28.35 -0.03 0.00	28.25 0.00 0.00	27.81 -0.22 0.00	27.93 -0.06 0.00	27.42 -0.28 0.00	28.09 -0.03 0.00	28.82 0.11 0.00	27.81 -0.37 0.00	27.44 -0.85 0.00	26.46 -0.65 0.00	24.95 -0.20 0.00	25.29 0.00 0.00	25.09 -0.20 0.00	25.37 -0.26 0.00	25.79 -0.34 0.00	28.12 -0.23 0.00	36.64 -0.71 0.00	46.22 -0.69 -0.99	42.46 -1.09 0.00	37.25 -1.07 -0.01	33.03 -0.92 0.00	30.63 -1.01 -0.02	28.52 -0.46 0.00	27.95 -0.51 0.00
SOUTH CAIRO____GT 23612	30.11 1.73 0.00	29.94 1.69 0.00	29.47 1.43 0.00	29.33 1.34 0.00	29.17 1.47 0.00	29.78 1.66 0.00	30.51 1.81 0.00	29.95 1.78 0.00	29.95 1.67 0.00	28.28 1.16 0.00	26.13 0.98 0.00	26.00 0.71 0.00	26.08 0.78 0.00	26.50 0.87 0.00	27.13 0.99 0.00	29.85 1.50 0.00	40.34 2.99 0.00	54.26 3.58 -4.76	47.60 4.05 0.00	41.76 3.41 -0.03	36.80 2.85 0.00	34.10 2.37 -0.11	31.07 2.09 0.00	30.20 1.74 0.00

SOUTH HAMPTN___IC 23720	37.21 2.84 -5.99	36.88 2.74 -5.89	35.98 2.41 -5.53	35.92 2.27 -5.67	36.50 2.27 -6.53	35.95 2.53 -5.30	37.54 2.90 -5.94	37.66 3.04 -6.44	37.27 3.17 -5.82	36.46 2.66 -6.69	40.85 2.31 -13.39	37.45 2.25 -9.91	40.17 2.35 -12.52	40.15 2.36 -12.16	41.66 2.53 -12.99	43.39 3.29 -11.75	65.47 4.93 -23.19	81.45 6.29 -29.24	76.31 5.92 -26.84	64.89 5.06 -21.52	61.29 4.45 -22.89	55.73 3.98 -20.12	42.61 3.42 -10.21	41.07 2.93 -9.67
SOUTHDOW_115KV_TB1 355954	30.03 1.65 0.00	29.89 1.64 0.00	29.30 1.26 0.00	29.38 1.40 0.00	28.86 1.16 0.00	29.56 1.43 0.00	30.45 1.75 0.00	28.93 0.76 0.00	28.31 0.03 0.00	27.36 0.24 0.00	26.15 1.01 0.00	26.63 1.34 0.00	26.43 1.14 0.00	26.55 0.92 0.00	26.89 0.76 0.00	29.54 1.19 0.00	38.10 0.75 0.00	47.07 -0.05 -1.21	43.98 0.44 0.00	38.36 0.04 -0.01	33.98 0.03 0.00	31.46 -0.19 -0.03	29.36 0.38 0.00	28.55 0.09 0.00
SOUTHOLD_69_KV_BK 2 55809	37.65 3.29 -5.98	37.21 3.08 -5.88	36.39 2.83 -5.52	36.33 2.69 -5.66	36.97 2.74 -6.53	36.36 2.95 -5.29	38.05 3.42 -5.93	38.16 3.55 -6.44	37.40 3.31 -5.81	36.91 3.12 -6.68	41.27 2.74 -13.38	37.85 2.66 -9.90	40.57 2.76 -12.52	40.55 2.77 -12.16	42.12 3.01 -12.98	43.92 3.83 -11.74	66.21 5.68 -23.18	82.45 7.30 -29.23	77.26 6.88 -26.83	65.65 5.82 -21.51	61.96 5.13 -22.88	56.32 4.59 -20.11	43.07 3.88 -10.20	41.40 3.27 -9.66
SOUTHOLD___IC 23719	37.66 3.29 -5.99	37.30 3.16 -5.89	36.40 2.83 -5.53	36.34 2.69 -5.67	36.95 2.72 -6.53	36.40 2.98 -5.30	38.02 3.39 -5.94	38.14 3.52 -6.44	37.75 3.65 -5.82	36.92 3.12 -6.69	41.28 2.74 -13.39	37.86 2.66 -9.91	40.58 2.76 -12.52	40.56 2.77 -12.16	42.13 3.00 -12.99	43.96 3.86 -11.75	66.22 5.68 -23.19	82.46 7.30 -29.24	77.26 6.88 -26.84	65.70 5.86 -21.52	61.97 5.13 -22.89	56.33 4.58 -20.12	43.10 3.91 -10.21	41.52 3.39 -9.67
SOUTH_FORK_WT_PWR 323839	37.74 3.38 -5.98	37.26 3.14 -5.88	36.45 2.89 -5.52	36.39 2.74 -5.66	37.02 2.80 -6.53	36.42 3.01 -5.29	38.10 3.47 -5.93	38.21 3.61 -6.44	37.46 3.37 -5.81	36.97 3.17 -6.68	41.32 2.79 -13.38	37.90 2.71 -9.90	40.62 2.81 -12.52	40.60 2.82 -12.16	42.17 3.06 -12.98	43.98 3.88 -11.74	66.29 5.75 -23.18	82.54 7.39 -29.23	77.35 6.97 -26.83	65.77 5.94 -21.51	62.06 5.23 -22.88	56.41 4.68 -20.11	43.12 3.94 -10.20	41.46 3.33 -9.66
SPIERFLS_115KV_TB 1 80737	29.43 1.05 0.00	29.24 0.99 0.00	28.85 0.81 0.00	28.74 0.76 0.00	28.64 0.94 0.00	29.22 1.10 0.00	30.02 1.32 0.00	29.44 1.27 0.00	29.36 1.07 0.00	28.03 0.92 0.00	25.93 0.78 0.00	25.80 0.51 0.00	25.83 0.53 0.00	26.22 0.59 0.00	26.79 0.65 0.00	29.17 0.82 0.00	39.14 1.79 0.00	53.56 2.39 -5.26	45.81 2.26 0.00	40.38 2.03 -0.04	35.58 1.63 0.00	33.16 1.42 -0.12	30.49 1.51 0.00	29.69 1.22 0.00
ST LAWRENCE___ 23600	28.10 -0.28 0.00	27.97 -0.28 0.00	27.93 -0.11 0.00	27.93 -0.06 0.00	27.64 -0.06 0.00	27.90 -0.23 0.00	28.30 -0.40 0.00	27.89 -0.28 0.00	28.00 -0.28 0.00	27.08 -0.03 0.00	25.10 -0.05 0.00	25.24 -0.05 0.00	25.24 -0.05 0.00	25.58 -0.05 0.00	26.06 -0.08 0.00	28.04 -0.31 0.00	36.79 -0.56 0.00	45.18 -0.74 0.00	42.98 -0.57 0.00	37.89 -0.42 0.00	33.54 -0.41 0.00	31.31 -0.32 0.00	28.61 -0.38 0.00	28.13 -0.34 0.00
STATE_CA_115KV_115_LB 55624	29.00 0.62 0.00	28.76 0.51 0.00	28.43 0.39 0.00	28.29 0.31 0.00	28.12 0.42 0.00	28.66 0.53 0.00	29.45 0.75 0.00	28.96 0.79 0.00	28.88 0.59 0.00	27.63 0.52 0.00	25.62 0.48 0.00	25.67 0.38 0.00	25.70 0.40 0.00	26.09 0.46 0.00	26.63 0.50 0.00	29.09 0.74 0.00	38.88 1.53 0.00	52.93 1.88 -5.13	45.29 1.74 0.00	39.92 1.57 -0.04	35.31 1.36 0.00	33.03 1.30 -0.11	30.03 1.04 0.00	29.15 0.68 0.00
STATE_ST_34_KV_LOAD 55959	28.69 0.31 0.00	28.53 0.28 0.00	28.23 0.20 0.00	28.23 0.25 0.00	27.84 0.14 0.00	28.46 0.34 0.00	29.16 0.46 0.00	28.48 0.31 0.00	28.34 0.06 0.00	27.22 0.11 0.00	25.37 0.23 0.00	25.65 0.35 0.00	25.52 0.23 0.00	25.86 0.23 0.00	26.32 0.18 0.00	28.66 0.31 0.00	37.65 0.30 0.00	47.43 0.55 -0.97	43.94 0.39 0.00	38.55 0.23 -0.01	34.19 0.24 0.00	31.74 0.09 -0.02	29.25 0.26 0.00	28.67 0.20 0.00
STATION 5_MISC_HYD 23604	28.69 0.31 0.00	28.61 0.37 0.00	28.21 0.17 0.00	28.23 0.25 0.00	27.89 0.20 0.00	28.37 0.25 0.00	29.39 0.69 0.00	27.78 -0.39 0.00	27.64 -0.65 0.00	26.32 -0.79 0.00	25.05 -0.10 0.00	25.47 0.18 0.00	25.24 -0.05 0.00	25.48 -0.15 0.00	25.87 -0.26 0.00	28.24 -0.11 0.00	36.38 -0.97 0.00	46.03 -0.92 -1.03	42.02 -1.53 0.00	36.71 -1.61 -0.01	32.69 -1.26 0.00	30.70 -0.95 -0.02	28.52 -0.46 0.00	28.04 -0.43 0.00
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	28.78 0.40 0.00	28.67 0.42 0.00	28.23 0.20 0.00	28.37 0.39 0.00	27.81 0.11 0.00	28.52 0.39 0.00	29.28 0.57 0.00	28.17 0.00 0.00	27.78 -0.51 0.00	26.79 -0.33 0.00	25.27 0.13 0.00	25.65 0.35 0.00	25.42 0.13 0.00	25.68 0.05 0.00	26.13 0.00 0.00	28.49 0.14 0.00	37.09 -0.26 0.00	46.73 -0.18 -1.00	42.98 -0.57 0.00	37.71 -0.61 -0.01	33.47 -0.48 0.00	31.01 -0.63 -0.02	28.90 -0.09 0.00	28.30 -0.17 0.00
STA_56_34_KV_BUS2_REV_LBMP_B 345033	28.46 0.09 0.00	28.36 0.11 0.00	27.87 -0.17 0.00	28.01 0.03 0.00	27.45 -0.25 0.00	28.15 0.03 0.00	28.93 0.23 0.00	27.61 -0.56 0.00	27.12 -1.16 0.00	26.22 -0.89 0.00	24.90 -0.25 0.00	25.27 -0.03 0.00	25.07 -0.23 0.00	25.32 -0.31 0.00	25.72 -0.42 0.00	28.04 -0.31 0.00	36.34 -1.01 0.00	45.79 -1.15 -1.02	41.89 -1.65 0.00	36.79 -1.53 -0.01	32.66 -1.29 0.00	30.25 -1.39 -0.02	28.38 -0.61 0.00	27.78 -0.68 0.00
STA_56___34_KV_BUS2 355983	28.46 0.09 0.00	28.36 0.11 0.00	27.87 -0.17 0.00	28.01 0.03 0.00	27.45 -0.25 0.00	28.15 0.03 0.00	28.93 0.23 0.00	27.61 -0.56 0.00	27.12 -1.16 0.00	26.22 -0.89 0.00	24.90 -0.25 0.00	25.27 -0.03 0.00	25.07 -0.23 0.00	25.32 -0.31 0.00	25.72 -0.42 0.00	28.04 -0.31 0.00	36.34 -1.01 0.00	45.79 -1.15 -1.02	41.89 -1.65 0.00	36.79 -1.53 -0.01	32.66 -1.29 0.00	30.25 -1.39 -0.02	28.38 -0.61 0.00	27.78 -0.68 0.00
STA_67___115KV_BK2 355882	28.66 0.28 0.00	28.56 0.31 0.00	28.04 0.00 0.00	28.21 0.22 0.00	27.62 -0.08 0.00	28.32 0.20 0.00	29.10 0.40 0.00	27.72 -0.45 0.00	27.21 -1.07 0.00	26.30 -0.81 0.00	25.00 -0.15 0.00	25.42 0.13 0.00	25.19 -0.10 0.00	25.42 -0.21 0.00	25.82 -0.31 0.00	28.18 -0.17 0.00	36.46 -0.90 0.00	45.89 -1.06 -1.03	41.98 -1.57 0.00	36.87 -1.46 -0.01	32.73 -1.22 0.00	30.35 -1.30 -0.02	28.49 -0.49 0.00	27.93 -0.54 0.00
STA_7___115KV_9TRANS 80674	28.80 0.43 0.00	28.70 0.45 0.00	28.18 0.14 0.00	28.35 0.36 0.00	27.75 0.06 0.00	28.46 0.34 0.00	29.28 0.57 0.00	27.86 -0.31 0.00	27.35 -0.93 0.00	26.43 -0.68 0.00	25.15 0.00 0.00	25.57 0.28 0.00	25.34 0.05 0.00	25.58 -0.05 0.00	25.98 -0.16 0.00	28.35 0.00 0.00	36.72 -0.63 0.00	46.26 -0.69 -1.03	42.28 -1.26 0.00	37.13 -1.19 -0.01	32.96 -0.98 0.00	30.54 -1.11 -0.02	28.67 -0.32 0.00	28.07 -0.40 0.00

STA_82___115KV_TB1 80780	28.63 0.26 0.00	28.53 0.28 0.00	28.01 -0.03 0.00	28.18 0.20 0.00	27.59 -0.11 0.00	28.29 0.17 0.00	29.10 0.40 0.00	27.72 -0.45 0.00	27.18 -1.10 0.00	26.27 -0.84 0.00	25.00 -0.15 0.00	25.39 0.10 0.00	25.19 -0.10 0.00	25.42 -0.21 0.00	25.82 -0.31 0.00	28.15 -0.20 0.00	36.46 -0.90 0.00	45.84 -1.10 -1.03	41.98 -1.57 0.00	36.83 -1.49 -0.01	32.69 -1.26 0.00	30.32 -1.33 -0.02	28.46 -0.52 0.00	27.90 -0.57 0.00
STEEL___WIND 323596	28.92 0.54 0.00	28.84 0.59 0.00	28.35 0.31 0.00	28.34 0.36 0.00	28.12 0.42 0.00	28.49 0.36 0.00	29.62 0.92 0.00	27.72 -0.45 0.00	27.58 -0.71 0.00	26.16 -0.95 0.00	25.07 -0.08 0.00	25.52 0.23 0.00	25.34 0.05 0.00	25.50 -0.13 0.00	25.82 -0.31 0.00	28.29 -0.06 0.00	36.15 -1.20 0.00	44.93 -2.16 -1.17	41.63 -1.92 0.00	36.22 -2.11 -0.01	32.25 -1.70 0.00	30.04 -1.61 -0.03	28.37 -0.61 0.00	27.90 -0.57 0.00
STEPHTWN_115KV_BK_2 55603	29.20 0.82 0.00	28.95 0.71 0.00	28.60 0.56 0.00	28.46 0.48 0.00	28.31 0.61 0.00	28.85 0.73 0.00	29.71 1.00 0.00	29.21 1.04 0.00	29.13 0.85 0.00	27.84 0.73 0.00	25.83 0.68 0.00	25.85 0.56 0.00	25.88 0.58 0.00	26.27 0.64 0.00	26.81 0.68 0.00	29.29 0.94 0.00	39.18 1.83 0.00	53.33 2.34 -5.07	45.72 2.18 0.00	40.31 1.95 -0.04	35.65 1.70 0.00	33.32 1.58 -0.11	30.26 1.28 0.00	29.35 0.88 0.00
STEBEN_REC_LFGE 323667	29.83 1.45 0.00	29.66 1.41 0.00	29.19 1.15 0.00	29.27 1.29 0.00	28.72 1.02 0.00	29.47 1.35 0.00	30.34 1.64 0.00	29.24 1.07 0.00	28.71 0.42 0.00	27.68 0.57 0.00	26.18 1.03 0.00	26.61 1.32 0.00	26.33 1.04 0.00	26.58 0.95 0.00	26.94 0.81 0.00	29.54 1.19 0.00	38.25 0.90 0.00	48.01 0.73 -1.36	44.42 0.87 0.00	38.86 0.54 -0.01	34.56 0.61 0.00	32.00 0.35 -0.03	29.80 0.81 0.00	29.01 0.54 0.00
STILLWATER___SOLAR 323814	29.63 1.25 0.00	29.46 1.21 0.00	29.08 1.04 0.00	28.93 0.95 0.00	28.75 1.05 0.00	29.36 1.24 0.00	30.17 1.46 0.00	29.61 1.44 0.00	29.70 1.41 0.00	28.17 1.06 0.00	26.05 0.90 0.00	26.05 0.76 0.00	26.10 0.81 0.00	26.47 0.84 0.00	27.05 0.91 0.00	29.63 1.28 0.00	39.67 2.32 0.00	54.09 2.94 -5.24	46.29 2.75 0.00	40.81 2.45 -0.04	36.02 2.07 0.00	33.60 1.87 -0.12	30.69 1.71 0.00	29.92 1.45 0.00
STONY___BROOK 24151	36.72 2.35 -5.99	36.40 2.26 -5.89	35.53 1.96 -5.53	35.47 1.82 -5.67	36.03 1.80 -6.53	35.50 2.08 -5.30	37.05 2.41 -5.94	37.18 2.56 -6.44	36.79 2.69 -5.82	36.03 2.22 -6.69	40.52 1.99 -13.39	37.12 1.92 -9.91	39.84 2.02 -12.52	39.84 2.05 -12.16	41.29 2.17 -12.99	42.88 2.78 -11.75	64.69 4.15 -23.19	80.43 5.28 -29.24	75.35 4.96 -26.84	64.05 4.21 -21.52	60.57 3.73 -22.89	55.13 3.39 -20.12	42.12 2.93 -10.21	40.67 2.53 -9.67
STURGEON_POOL_HYD 23609	29.80 1.42 0.00	29.52 1.27 0.00	29.13 1.09 0.00	28.96 0.98 0.00	28.67 0.97 0.00	29.25 1.12 0.00	29.99 1.29 0.00	29.69 1.52 0.00	29.59 1.30 0.00	28.30 1.19 0.00	26.10 0.96 0.00	26.15 0.86 0.00	26.31 1.01 0.00	26.65 1.03 0.00	27.23 1.10 0.00	29.91 1.56 0.00	39.82 2.47 0.00	52.94 2.85 -4.18	46.55 3.00 0.00	40.87 2.53 -0.03	36.26 2.31 0.00	33.83 2.12 -0.09	30.75 1.77 0.00	29.86 1.39 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	29.66 1.28 0.00	29.38 1.13 0.00	28.99 0.95 0.00	28.85 0.87 0.00	28.59 0.89 0.00	29.19 1.07 0.00	29.94 1.23 0.00	29.58 1.41 0.00	29.50 1.22 0.00	28.28 1.17 0.00	26.13 0.98 0.00	26.20 0.91 0.00	26.31 1.01 0.00	26.65 1.03 0.00	27.20 1.07 0.00	29.83 1.47 0.00	39.70 2.35 0.00	52.63 2.94 -3.77	46.33 2.79 0.00	40.72 2.38 -0.03	36.09 2.14 0.00	33.67 1.96 -0.08	30.64 1.65 0.00	29.75 1.28 0.00
SWANROAD_115KV_TB1 355699	28.18 -0.20 0.00	27.88 -0.37 0.00	27.51 -0.53 0.00	27.42 -0.56 0.00	26.90 -0.80 0.00	27.56 -0.56 0.00	28.59 -0.11 0.00	26.71 -1.46 0.00	26.02 -2.26 0.00	25.16 -1.95 0.00	24.19 -0.96 0.00	24.64 -0.66 0.00	24.43 -0.86 0.00	24.58 -1.05 0.00	24.90 -1.23 0.00	27.25 -1.11 0.00	34.89 -2.47 0.00	43.37 -3.67 -1.13	39.84 -3.70 0.00	34.95 -3.37 -0.01	31.03 -2.92 0.00	28.86 -2.78 -0.03	27.39 -1.59 0.00	27.01 -1.45 0.00
SYNERGY___BIOGAS 323694	29.06 0.68 0.00	28.98 0.73 0.00	28.43 0.39 0.00	28.60 0.61 0.00	28.22 0.52 0.00	28.71 0.59 0.00	29.82 1.12 0.00	27.80 -0.37 0.00	27.61 -0.68 0.00	26.24 -0.87 0.00	25.12 -0.03 0.00	25.57 0.28 0.00	25.32 0.03 0.00	25.50 -0.13 0.00	25.87 -0.26 0.00	28.29 -0.06 0.00	36.31 -1.05 0.00	45.77 -1.24 -1.09	41.89 -1.65 0.00	36.52 -1.80 -0.01	32.52 -1.42 0.00	30.48 -1.17 -0.02	28.55 -0.43 0.00	28.10 -0.37 0.00
SYRACUSE___ENERGY_ST1 323597	28.44 0.06 0.00	28.28 0.03 0.00	28.01 -0.03 0.00	27.95 -0.03 0.00	27.62 -0.08 0.00	28.18 0.06 0.00	28.82 0.11 0.00	28.23 0.06 0.00	28.11 -0.17 0.00	27.00 -0.11 0.00	25.12 -0.03 0.00	25.34 0.05 0.00	25.27 -0.03 0.00	25.58 -0.05 0.00	26.05 -0.08 0.00	28.32 -0.03 0.00	37.24 -0.11 0.00	46.72 -0.05 -0.85	43.42 -0.13 0.00	38.13 -0.19 -0.01	33.81 -0.14 0.00	31.48 -0.16 -0.02	28.96 -0.03 0.00	28.50 0.03 0.00
SYRACUSE___ENERGY_ST2 323598	28.44 0.06 0.00	28.28 0.03 0.00	28.01 -0.03 0.00	27.95 -0.03 0.00	27.62 -0.08 0.00	28.18 0.06 0.00	28.82 0.11 0.00	28.23 0.06 0.00	28.11 -0.17 0.00	27.00 -0.11 0.00	25.12 -0.03 0.00	25.34 0.05 0.00	25.27 -0.03 0.00	25.58 -0.05 0.00	26.05 -0.08 0.00	28.32 -0.03 0.00	37.24 -0.11 0.00	46.72 -0.05 -0.85	43.42 -0.13 0.00	38.13 -0.19 -0.01	33.81 -0.14 0.00	31.48 -0.16 -0.02	28.96 -0.03 0.00	28.50 0.03 0.00
SYRACUSE___POWER 24017	28.38 0.00 0.00	28.22 -0.03 0.00	27.93 -0.11 0.00	27.90 -0.08 0.00	27.56 -0.14 0.00	28.09 -0.03 0.00	28.76 0.06 0.00	28.14 -0.03 0.00	28.06 -0.23 0.00	26.95 -0.16 0.00	25.07 -0.08 0.00	25.27 -0.03 0.00	25.22 -0.08 0.00	25.55 -0.08 0.00	26.00 -0.13 0.00	28.27 -0.09 0.00	37.16 -0.19 0.00	46.59 -0.18 -0.86	43.33 -0.22 0.00	38.05 -0.27 -0.01	33.75 -0.20 0.00	31.42 -0.22 -0.02	28.93 -0.06 0.00	28.44 -0.03 0.00
TALLMAN___138KV_BK151 55660	29.86 1.48 0.00	29.55 1.30 0.00	29.16 1.12 0.00	28.99 1.01 0.00	28.70 1.00 0.00	29.33 1.21 0.00	30.14 1.44 0.00	29.81 1.63 0.00	29.73 1.44 0.00	28.49 1.38 0.00	26.30 1.16 0.00	26.41 1.11 0.00	26.51 1.21 0.00	26.86 1.23 0.00	27.41 1.28 0.00	30.08 1.73 0.00	40.04 2.69 0.00	53.15 3.35 -3.89	46.72 3.18 0.00	41.06 2.72 -0.03	36.39 2.44 0.00	33.95 2.25 -0.09	30.90 1.91 0.00	29.98 1.51 0.00
TEALLAVE_115KV_TB7 355573	28.27 -0.11 0.00	28.11 -0.14 0.00	27.81 -0.22 0.00	27.79 -0.20 0.00	27.45 -0.25 0.00	28.01 -0.11 0.00	28.65 -0.06 0.00	28.03 -0.14 0.00	27.92 -0.37 0.00	26.81 -0.30 0.00	24.95 -0.20 0.00	25.14 -0.15 0.00	25.09 -0.20 0.00	25.42 -0.21 0.00	25.90 -0.24 0.00	28.12 -0.23 0.00	36.94 -0.41 0.00	46.23 -0.46 -0.78	43.02 -0.52 0.00	37.82 -0.50 -0.01	33.51 -0.44 0.00	31.23 -0.41 -0.02	28.78 -0.20 0.00	28.32 -0.14 0.00

TELGRAPH_34_KV_EAST 80808	28.72 0.34 0.00	28.50 0.25 0.00	28.04 0.00 0.00	28.09 0.11 0.00	27.51 -0.19 0.00	28.23 0.11 0.00	29.19 0.49 0.00	27.38 -0.79 0.00	26.73 -1.56 0.00	25.84 -1.27 0.00	24.79 -0.35 0.00	25.24 -0.05 0.00	25.02 -0.28 0.00	25.19 -0.44 0.00	25.53 -0.60 0.00	27.93 -0.43 0.00	35.89 -1.46 0.00	44.77 -2.25 -1.10	41.15 -2.40 0.00	36.06 -2.26 -0.01	32.01 -1.94 0.00	29.72 -1.93 -0.02	28.12 -0.87 0.00	27.61 -0.85 0.00
TEMPLE___115KV_TB 2 55572	28.27 -0.11 0.00	28.14 -0.11 0.00	27.84 -0.20 0.00	27.81 -0.17 0.00	27.48 -0.22 0.00	28.01 -0.11 0.00	28.67 -0.03 0.00	28.03 -0.14 0.00	27.95 -0.34 0.00	26.81 -0.30 0.00	24.97 -0.18 0.00	25.17 -0.13 0.00	25.12 -0.18 0.00	25.45 -0.18 0.00	25.90 -0.24 0.00	28.15 -0.20 0.00	36.98 -0.37 0.00	46.29 -0.41 -0.78	43.07 -0.48 0.00	37.82 -0.50 -0.01	33.54 -0.41 0.00	31.26 -0.38 -0.02	28.81 -0.17 0.00	28.32 -0.14 0.00
TIANA___69_KV_BK 1 55817	37.09 2.72 -5.98	36.64 2.51 -5.88	35.83 2.27 -5.52	35.80 2.15 -5.66	36.41 2.19 -6.53	35.80 2.39 -5.29	37.44 2.81 -5.93	37.54 2.93 -6.44	36.81 2.72 -5.81	36.34 2.55 -6.68	40.74 2.21 -13.38	37.34 2.15 -9.90	40.06 2.25 -12.52	40.07 2.28 -12.16	41.57 2.46 -12.98	43.24 3.15 -11.74	65.24 4.71 -23.18	81.21 6.06 -29.23	76.08 5.70 -26.83	64.69 4.87 -21.51	61.11 4.28 -22.88	55.59 3.86 -20.11	42.46 3.28 -10.20	40.86 2.73 -9.66
TILDEN___115KV_TB1 80814	28.38 0.00 0.00	28.22 -0.03 0.00	27.93 -0.11 0.00	27.90 -0.08 0.00	27.56 -0.14 0.00	28.09 -0.03 0.00	28.76 0.06 0.00	28.14 -0.03 0.00	28.06 -0.23 0.00	26.95 -0.16 0.00	25.07 -0.08 0.00	25.27 -0.03 0.00	25.22 -0.08 0.00	25.55 -0.08 0.00	26.00 -0.13 0.00	28.27 -0.09 0.00	37.16 -0.19 0.00	46.59 -0.18 -0.86	43.33 -0.22 0.00	38.05 -0.27 -0.01	33.75 -0.20 0.00	31.42 -0.22 -0.02	28.93 -0.06 0.00	28.44 -0.03 0.00
TRIGEN___CC 323695	36.40 2.04 -5.98	35.99 1.86 -5.88	35.21 1.65 -5.52	35.19 1.54 -5.66	35.78 1.55 -6.53	35.18 1.77 -5.29	36.67 2.04 -5.93	36.83 2.23 -6.44	36.13 2.04 -5.81	35.75 1.95 -6.68	40.21 1.68 -13.38	36.81 1.62 -9.90	39.56 1.75 -12.52	39.55 1.77 -12.16	40.94 1.83 -12.98	42.45 2.35 -11.74	64.01 3.47 -23.18	79.46 4.32 -29.23	74.43 4.05 -26.83	63.35 3.52 -21.51	59.99 3.16 -22.88	54.68 2.94 -20.11	41.70 2.52 -10.20	40.21 2.08 -9.66
TRINITY___115KV__ 4 BK 55933	28.92 0.54 0.00	28.67 0.42 0.00	28.35 0.31 0.00	28.21 0.22 0.00	28.03 0.33 0.00	28.54 0.42 0.00	29.36 0.66 0.00	28.85 0.68 0.00	28.77 0.48 0.00	27.52 0.41 0.00	25.52 0.38 0.00	25.57 0.28 0.00	25.62 0.33 0.00	26.01 0.38 0.00	26.55 0.42 0.00	28.97 0.62 0.00	38.70 1.34 0.00	52.65 1.65 -5.08	45.07 1.52 0.00	39.73 1.38 -0.04	35.17 1.22 0.00	32.91 1.17 -0.11	29.91 0.93 0.00	29.06 0.60 0.00
UNION___PROCESSING_DRP 323587	28.63 0.26 0.00	28.53 0.28 0.00	28.04 0.00 0.00	28.18 0.20 0.00	27.62 -0.08 0.00	28.32 0.20 0.00	29.10 0.40 0.00	27.72 -0.45 0.00	27.21 -1.07 0.00	26.30 -0.81 0.00	25.00 -0.15 0.00	25.39 0.10 0.00	25.19 -0.10 0.00	25.42 -0.21 0.00	25.82 -0.31 0.00	28.18 -0.17 0.00	36.46 -0.90 0.00	45.89 -1.06 -1.03	41.98 -1.57 0.00	36.83 -1.49 -0.01	32.69 -1.26 0.00	30.32 -1.33 -0.02	28.46 -0.52 0.00	27.90 -0.57 0.00
UPPER HUDSON___HYD 24058	29.43 1.05 0.00	29.29 1.05 0.00	28.85 0.81 0.00	28.74 0.76 0.00	28.59 0.89 0.00	29.25 1.13 0.00	30.05 1.35 0.00	29.44 1.27 0.00	29.56 1.27 0.00	28.03 0.92 0.00	25.93 0.78 0.00	25.80 0.51 0.00	25.83 0.53 0.00	26.22 0.59 0.00	26.79 0.65 0.00	29.20 0.85 0.00	39.18 1.83 0.00	53.56 2.39 -5.26	45.81 2.26 0.00	40.42 2.07 -0.04	35.58 1.63 0.00	33.13 1.39 -0.12	30.52 1.54 0.00	29.80 1.34 0.00
UPPER RAQUET___HYD 24056	28.52 0.14 0.00	28.39 0.14 0.00	28.38 0.34 0.00	28.40 0.42 0.00	28.09 0.39 0.00	28.35 0.22 0.00	28.76 0.06 0.00	28.37 0.20 0.00	28.46 0.17 0.00	27.52 0.41 0.00	25.42 0.28 0.00	25.60 0.30 0.00	25.57 0.28 0.00	25.88 0.26 0.00	26.32 0.18 0.00	28.18 -0.17 0.00	37.05 -0.30 0.00	45.80 -0.23 -0.12	43.50 -0.04 0.00	38.39 0.08 0.00	33.91 -0.03 0.00	31.75 0.13 0.00	29.10 0.12 0.00	28.58 0.11 0.00
VALLEY44_115KV_TB2 355964	29.00 0.62 0.00	28.84 0.59 0.00	28.29 0.25 0.00	28.37 0.39 0.00	27.89 0.19 0.00	28.54 0.42 0.00	29.39 0.69 0.00	28.17 0.00 0.00	27.49 -0.79 0.00	26.60 -0.52 0.00	25.35 0.20 0.00	25.85 0.56 0.00	25.65 0.35 0.00	25.76 0.13 0.00	26.08 -0.05 0.00	28.63 0.28 0.00	36.87 -0.49 0.00	44.79 -2.34 -1.22	42.50 -1.05 0.00	37.14 -1.19 -0.01	33.00 -0.95 0.00	30.67 -0.98 -0.03	28.78 -0.20 0.00	28.04 -0.43 0.00
VALLEY___115KV_TB 1-4 80826	29.00 0.62 0.00	28.84 0.59 0.00	28.60 0.56 0.00	28.54 0.56 0.00	28.28 0.58 0.00	28.74 0.62 0.00	29.33 0.63 0.00	28.79 0.62 0.00	28.88 0.59 0.00	27.65 0.54 0.00	25.62 0.48 0.00	25.77 0.48 0.00	25.77 0.48 0.00	26.12 0.49 0.00	26.63 0.50 0.00	28.92 0.57 0.00	38.17 0.82 0.00	47.03 1.01 -0.11	44.55 1.00 0.00	39.20 0.88 0.00	34.73 0.78 0.00	32.35 0.73 0.00	29.65 0.67 0.00	29.09 0.63 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	30.14 1.76 0.00	29.97 1.72 0.00	29.61 1.57 0.00	29.55 1.57 0.00	29.28 1.58 0.00	29.89 1.77 0.00	30.51 1.81 0.00	29.95 1.77 0.00	29.87 1.58 0.00	28.63 1.52 0.00	26.48 1.33 0.00	26.63 1.34 0.00	26.61 1.32 0.00	26.96 1.33 0.00	27.49 1.36 0.00	30.14 1.79 0.00	39.97 2.61 0.00	51.20 3.26 -2.03	46.64 3.09 0.00	41.01 2.68 -0.01	36.26 2.31 0.00	33.72 2.06 -0.05	30.87 1.88 0.00	30.06 1.59 0.00
VISCHER___FERRY HYD 24020	29.34 0.97 0.00	29.15 0.90 0.00	28.74 0.70 0.00	28.60 0.61 0.00	28.36 0.66 0.00	28.96 0.84 0.00	29.79 1.09 0.00	29.27 1.10 0.00	29.39 1.10 0.00	27.90 0.79 0.00	25.80 0.65 0.00	25.85 0.56 0.00	25.90 0.61 0.00	26.27 0.64 0.00	26.84 0.71 0.00	29.40 1.05 0.00	39.29 1.94 0.00	53.46 2.39 -5.16	45.72 2.18 0.00	40.30 1.95 -0.04	35.65 1.70 0.00	33.32 1.58 -0.12	30.35 1.36 0.00	29.61 1.14 0.00
V_A_10_SYNC_DSASP 323832	28.27 -0.11 0.00	28.16 -0.08 0.00	27.76 -0.28 0.00	27.76 -0.22 0.00	27.48 -0.22 0.00	27.90 -0.23 0.00	28.96 0.26 0.00	27.16 -1.01 0.00	26.98 -1.30 0.00	25.65 -1.46 0.00	24.54 -0.60 0.00	24.96 -0.33 0.00	24.79 -0.51 0.00	24.96 -0.67 0.00	25.30 -0.84 0.00	27.67 -0.68 0.00	35.33 -2.02 0.00	44.56 -2.43 -1.08	40.63 -2.92 0.00	35.45 -2.87 -0.01	31.57 -2.38 0.00	29.84 -1.80 -0.02	27.82 -1.16 0.00	27.41 -1.05 0.00
V_CMM_10_SYNC_DSASP 323787	28.21 -0.17 0.00	28.08 -0.17 0.00	28.04 0.00 0.00	28.04 0.06 0.00	27.76 0.06 0.00	28.01 -0.11 0.00	28.42 -0.29 0.00	28.00 -0.17 0.00	28.09 -0.20 0.00	27.19 0.08 0.00	25.17 0.03 0.00	25.34 0.05 0.00	25.34 0.05 0.00	25.65 0.03 0.00	26.16 0.03 0.00	28.15 -0.20 0.00	36.91 -0.45 0.00	45.37 -0.55 0.00	43.15 -0.39 0.00	38.05 -0.27 0.00	33.68 -0.27 0.00	31.43 -0.19 0.00	28.72 -0.26 0.00	28.24 -0.23 0.00

V_CMP_10_SYNC_DSASP 323788	29.37 0.99 0.00	29.26 1.02 0.00	29.22 1.18 0.00	29.21 1.23 0.00	28.86 1.16 0.00	29.16 1.04 0.00	29.71 1.00 0.00	29.27 1.10 0.00	29.33 1.05 0.00	28.33 1.22 0.00	26.20 1.06 0.00	26.43 1.14 0.00	26.41 1.11 0.00	26.73 1.10 0.00	27.26 1.12 0.00	29.32 0.96 0.00	38.47 1.12 0.00	47.48 1.56 0.00	45.20 1.65 0.00	39.89 1.57 0.00	35.27 1.32 0.00	32.89 1.27 0.00	30.00 1.01 0.00	29.46 1.00 0.00
V_E_10_SYNC_DSASP 323830	31.30 2.92 0.00	31.16 2.91 0.00	30.81 2.78 0.00	30.75 2.77 0.00	30.42 2.72 0.00	31.13 3.01 0.00	31.83 3.13 0.00	31.05 2.87 0.00	31.11 2.83 0.00	29.47 2.36 0.00	27.28 2.14 0.00	27.57 2.28 0.00	27.42 2.12 0.00	27.75 2.13 0.00	28.33 2.20 0.00	31.21 2.86 0.00	41.27 3.92 0.00	52.74 5.19 -1.64	48.46 4.92 0.00	42.50 4.18 -0.01	37.45 3.50 0.00	34.66 3.01 -0.04	31.94 2.96 0.00	31.17 2.71 0.00
V_F_30_NSYNC___DSASP 323816	29.69 1.31 0.00	29.52 1.27 0.00	29.10 1.07 0.00	28.96 0.98 0.00	28.78 1.08 0.00	29.42 1.29 0.00	30.22 1.52 0.00	29.66 1.49 0.00	29.75 1.47 0.00	28.22 1.11 0.00	26.10 0.96 0.00	26.10 0.81 0.00	26.13 0.83 0.00	26.52 0.90 0.00	27.10 0.97 0.00	29.68 1.33 0.00	39.74 2.39 0.00	54.14 2.98 -5.25	46.37 2.83 0.00	40.88 2.53 -0.04	36.09 2.14 0.00	33.67 1.93 -0.12	30.75 1.77 0.00	29.97 1.51 0.00
V_F_30_SYNC_DSASP 323786	29.00 0.62 0.00	28.76 0.51 0.00	28.43 0.39 0.00	28.29 0.31 0.00	28.12 0.42 0.00	28.66 0.53 0.00	29.45 0.75 0.00	28.96 0.79 0.00	28.88 0.59 0.00	27.63 0.52 0.00	25.62 0.48 0.00	25.67 0.38 0.00	25.70 0.40 0.00	26.09 0.46 0.00	26.63 0.50 0.00	29.09 0.74 0.00	38.88 1.53 0.00	52.92 1.88 -5.12	45.29 1.74 0.00	39.92 1.57 -0.04	35.31 1.36 0.00	33.03 1.30 -0.11	30.03 1.04 0.00	29.15 0.68 0.00
V_XM_10_SYNC_DSASP 323789	29.37 0.99 0.00	29.26 1.02 0.00	29.22 1.18 0.00	29.21 1.23 0.00	28.86 1.16 0.00	29.16 1.04 0.00	29.71 1.00 0.00	29.27 1.10 0.00	29.33 1.05 0.00	28.33 1.22 0.00	26.20 1.06 0.00	26.43 1.14 0.00	26.41 1.11 0.00	26.73 1.10 0.00	27.26 1.12 0.00	29.32 0.96 0.00	38.47 1.12 0.00	47.48 1.56 0.00	45.20 1.65 0.00	39.89 1.57 0.00	35.27 1.32 0.00	32.89 1.27 0.00	30.00 1.01 0.00	29.46 1.00 0.00
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	29.94 1.56 0.00	29.63 1.38 0.00	29.22 1.18 0.00	29.07 1.09 0.00	28.78 1.08 0.00	29.42 1.29 0.00	30.20 1.49 0.00	29.89 1.72 0.00	29.81 1.53 0.00	28.55 1.44 0.00	26.35 1.21 0.00	26.46 1.16 0.00	26.56 1.26 0.00	26.91 1.28 0.00	27.47 1.33 0.00	30.17 1.81 0.00	40.15 2.80 0.00	53.32 3.49 -3.91	46.86 3.31 0.00	41.18 2.84 -0.03	36.49 2.55 0.00	34.05 2.34 -0.09	30.98 2.00 0.00	30.06 1.59 0.00
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	30.11 1.73 0.00	29.80 1.55 0.00	29.38 1.35 0.00	29.21 1.23 0.00	28.92 1.22 0.00	29.58 1.46 0.00	30.42 1.72 0.00	30.12 1.94 0.00	30.07 1.78 0.00	28.85 1.74 0.00	26.61 1.46 0.00	26.68 1.39 0.00	26.79 1.49 0.00	27.17 1.54 0.00	27.70 1.57 0.00	30.42 2.07 0.00	40.49 3.14 0.00	53.88 3.90 -4.06	47.20 3.66 0.00	41.49 3.14 -0.03	36.80 2.85 0.00	34.34 2.62 -0.09	31.25 2.26 0.00	30.26 1.79 0.00
W50THST__13_KV_LOAD 356117	30.28 1.90 0.00	29.94 1.69 0.00	29.55 1.51 0.00	29.35 1.37 0.00	29.06 1.36 0.00	29.72 1.60 0.00	30.60 1.89 0.00	30.28 2.11 0.00	30.24 1.95 0.00	29.01 1.90 0.00	26.76 1.61 0.00	26.81 1.52 0.00	26.94 1.64 0.00	27.29 1.67 0.00	27.86 1.72 0.00	30.59 2.24 0.00	40.71 3.36 0.00	54.15 4.18 -4.06	47.46 3.92 0.00	41.72 3.37 -0.03	37.00 3.06 0.00	34.53 2.81 -0.09	31.42 2.43 0.00	30.43 1.96 0.00
WADING RIVER_IC_1 23522	36.84 2.47 -5.99	36.54 2.40 -5.89	35.64 2.07 -5.53	35.58 1.93 -5.67	36.17 1.94 -6.53	35.61 2.19 -5.30	37.19 2.55 -5.94	37.29 2.68 -6.44	36.90 2.80 -5.82	36.11 2.30 -6.69	40.55 2.01 -13.39	37.15 1.95 -9.91	39.87 2.05 -12.52	39.87 2.07 -12.16	41.34 2.22 -12.99	43.02 2.92 -11.75	64.91 4.37 -23.19	80.75 5.60 -29.24	75.65 5.27 -26.84	64.32 4.48 -21.52	60.78 3.94 -22.89	55.28 3.54 -20.12	42.23 3.04 -10.21	40.76 2.62 -9.67
WADING RIVER_IC_2 23547	36.84 2.47 -5.99	36.54 2.40 -5.89	35.64 2.07 -5.53	35.58 1.93 -5.67	36.17 1.94 -6.53	35.61 2.19 -5.30	37.19 2.55 -5.94	37.29 2.68 -6.44	36.90 2.80 -5.82	36.11 2.30 -6.69	40.55 2.01 -13.39	37.15 1.95 -9.91	39.87 2.05 -12.52	39.87 2.07 -12.16	41.34 2.22 -12.99	43.02 2.92 -11.75	64.91 4.37 -23.19	80.75 5.60 -29.24	75.65 5.27 -26.84	64.32 4.48 -21.52	60.78 3.94 -22.89	55.28 3.54 -20.12	42.23 3.04 -10.21	40.76 2.62 -9.67
WADING RIVER_IC_3 23601	36.84 2.47 -5.99	36.54 2.40 -5.89	35.64 2.07 -5.53	35.58 1.93 -5.67	36.17 1.94 -6.53	35.61 2.19 -5.30	37.19 2.55 -5.94	37.29 2.68 -6.44	36.90 2.80 -5.82	36.11 2.30 -6.69	40.55 2.01 -13.39	37.15 1.95 -9.91	39.87 2.05 -12.52	39.87 2.07 -12.16	41.34 2.22 -12.99	43.02 2.92 -11.75	64.91 4.37 -23.19	80.75 5.60 -29.24	75.65 5.27 -26.84	64.32 4.48 -21.52	60.78 3.94 -22.89	55.28 3.54 -20.12	42.23 3.04 -10.21	40.76 2.62 -9.67
WALDENNY_12_KV_BK2 80841	28.92 0.54 0.00	28.76 0.51 0.00	28.21 0.17 0.00	28.29 0.31 0.00	27.75 0.06 0.00	28.43 0.31 0.00	29.33 0.63 0.00	27.66 -0.51 0.00	27.01 -1.27 0.00	26.11 -1.00 0.00	25.02 -0.13 0.00	25.50 0.20 0.00	25.29 0.00 0.00	25.45 -0.18 0.00	25.77 -0.37 0.00	28.24 -0.11 0.00	36.27 -1.08 0.00	44.88 -2.20 -1.16	41.63 -1.92 0.00	36.45 -1.88 -0.01	32.32 -1.63 0.00	30.04 -1.61 -0.03	28.38 -0.61 0.00	27.78 -0.68 0.00
WALDEN___HYDRO 24148	29.83 1.45 0.00	29.63 1.38 0.00	29.16 1.12 0.00	28.99 1.01 0.00	28.70 1.00 0.00	29.33 1.21 0.00	30.08 1.38 0.00	29.72 1.55 0.00	29.95 1.67 0.00	28.36 1.25 0.00	26.18 1.03 0.00	26.23 0.94 0.00	26.36 1.06 0.00	26.68 1.05 0.00	27.26 1.12 0.00	29.94 1.59 0.00	39.89 2.54 0.00	53.07 3.21 -3.94	46.64 3.09 0.00	40.98 2.64 -0.03	36.32 2.38 0.00	33.83 2.12 -0.09	30.81 1.83 0.00	30.00 1.54 0.00
WARRENSBURG____ 23737	29.43 1.05 0.00	29.29 1.05 0.00	28.85 0.81 0.00	28.74 0.76 0.00	28.59 0.89 0.00	29.25 1.13 0.00	30.05 1.35 0.00	29.44 1.27 0.00	29.56 1.27 0.00	28.03 0.92 0.00	25.93 0.78 0.00	25.80 0.51 0.00	25.83 0.53 0.00	26.22 0.59 0.00	26.79 0.65 0.00	29.20 0.85 0.00	39.18 1.83 0.00	53.56 2.39 -5.26	45.81 2.26 0.00	40.42 2.07 -0.04	35.58 1.63 0.00	33.13 1.39 -0.12	30.52 1.54 0.00	29.80 1.34 0.00
WATERSIDE___6 8 9 23538	30.11 1.73 0.00	29.77 1.53 0.00	29.36 1.32 0.00	29.16 1.18 0.00	28.86 1.16 0.00	29.50 1.38 0.00	30.34 1.64 0.00	30.03 1.86 0.00	29.98 1.70 0.00	28.77 1.65 0.00	26.53 1.38 0.00	26.61 1.32 0.00	26.71 1.42 0.00	27.06 1.44 0.00	27.62 1.49 0.00	30.36 2.01 0.00	40.38 3.03 0.00	53.79 3.81 -4.06	47.12 3.57 0.00	41.41 3.07 -0.03	36.70 2.75 0.00	34.30 2.59 -0.09	31.19 2.20 0.00	30.23 1.76 0.00

WATKINRD_115KV_LN8_ILLION 55919	28.83 0.45 0.00	28.67 0.42 0.00	28.43 0.39 0.00	28.37 0.39 0.00	28.09 0.39 0.00	28.57 0.45 0.00	29.16 0.46 0.00	28.59 0.42 0.00	28.68 0.40 0.00	27.49 0.38 0.00	25.47 0.33 0.00	25.62 0.33 0.00	25.62 0.33 0.00	25.96 0.33 0.00	26.47 0.34 0.00	28.75 0.40 0.00	37.99 0.63 0.00	46.85 0.83 -0.11	44.29 0.74 0.00	39.01 0.69 0.00	34.53 0.58 0.00	32.16 0.54 0.00	29.48 0.49 0.00	28.92 0.46 0.00
WATSON___69_KV_BK 1 55734	36.92 2.55 -5.98	36.47 2.34 -5.88	35.66 2.10 -5.52	35.63 1.99 -5.66	36.22 1.99 -6.53	35.63 2.22 -5.29	37.24 2.61 -5.93	37.37 2.76 -6.44	36.64 2.55 -5.81	36.18 2.39 -6.68	40.61 2.09 -13.38	37.19 2.00 -9.90	39.94 2.12 -12.52	39.94 2.15 -12.16	41.39 2.27 -12.98	42.98 2.89 -11.74	64.83 4.30 -23.18	80.56 5.42 -29.23	75.47 5.09 -26.83	64.20 4.37 -21.51	60.70 3.87 -22.88	55.31 3.57 -20.11	42.28 3.10 -10.20	40.72 2.59 -9.66
WDELAWARE___HYD 323627	29.48 1.11 0.00	29.29 1.05 0.00	28.82 0.78 0.00	28.68 0.70 0.00	28.36 0.66 0.00	28.99 0.87 0.00	29.68 0.98 0.00	29.33 1.16 0.00	29.56 1.27 0.00	27.95 0.84 0.00	25.78 0.63 0.00	25.80 0.51 0.00	25.93 0.63 0.00	26.27 0.64 0.00	26.84 0.71 0.00	29.51 1.16 0.00	39.37 2.02 0.00	52.19 2.66 -3.61	46.16 2.61 0.00	40.48 2.14 -0.03	35.85 1.90 0.00	33.38 1.67 -0.08	30.38 1.39 0.00	29.58 1.11 0.00
WEST BABYLON___IC 23714	36.80 2.44 -5.98	36.36 2.23 -5.88	35.58 2.02 -5.52	35.55 1.90 -5.66	36.14 1.91 -6.53	35.55 2.14 -5.29	37.10 2.47 -5.93	37.23 2.62 -6.44	36.53 2.43 -5.81	36.07 2.28 -6.68	40.51 1.99 -13.38	37.11 1.92 -9.90	39.86 2.05 -12.52	39.84 2.05 -12.16	41.28 2.17 -12.98	42.79 2.69 -11.74	64.53 4.00 -23.18	80.11 4.96 -29.23	75.08 4.70 -26.83	63.85 4.02 -21.51	60.40 3.56 -22.88	55.09 3.35 -20.11	42.14 2.96 -10.20	40.61 2.48 -9.66
WEST CANADA___HYD 24049	28.46 0.09 0.00	28.33 0.08 0.00	28.09 0.06 0.00	28.04 0.06 0.00	27.76 0.06 0.00	28.21 0.08 0.00	28.82 0.12 0.00	28.26 0.08 0.00	28.40 0.11 0.00	27.17 0.05 0.00	25.17 0.03 0.00	25.32 0.03 0.00	25.32 0.03 0.00	25.65 0.03 0.00	26.19 0.05 0.00	28.44 0.09 0.00	37.58 0.23 0.00	46.30 0.28 -0.11	43.81 0.26 0.00	38.55 0.23 0.00	34.12 0.17 0.00	31.78 0.16 0.00	29.13 0.15 0.00	28.58 0.11 0.00
WESTERN_NY_WIND 24143	29.03 0.65 0.00	28.87 0.62 0.00	28.37 0.34 0.00	28.46 0.48 0.00	27.84 0.14 0.00	28.57 0.45 0.00	29.51 0.80 0.00	27.78 -0.39 0.00	27.10 -1.19 0.00	26.22 -0.89 0.00	25.10 -0.05 0.00	25.52 0.23 0.00	25.29 0.00 0.00	25.47 -0.15 0.00	25.85 -0.29 0.00	28.27 -0.09 0.00	36.42 -0.93 0.00	45.63 -1.38 -1.10	41.89 -1.65 0.00	36.71 -1.61 -0.01	32.59 -1.36 0.00	30.19 -1.45 -0.02	28.52 -0.46 0.00	27.98 -0.48 0.00
WESTOVER___LESR 323668	29.06 0.68 0.00	28.90 0.65 0.00	28.54 0.50 0.00	28.51 0.53 0.00	28.17 0.47 0.00	28.74 0.62 0.00	29.45 0.75 0.00	28.76 0.59 0.00	28.51 0.23 0.00	27.41 0.30 0.00	25.60 0.45 0.00	25.87 0.58 0.00	25.80 0.51 0.00	26.06 0.44 0.00	26.53 0.39 0.00	29.00 0.65 0.00	38.06 0.71 0.00	48.27 0.64 -1.72	44.24 0.70 0.00	38.83 0.50 -0.01	34.46 0.51 0.00	32.04 0.38 -0.04	29.54 0.55 0.00	28.87 0.40 0.00
WETHRSFD_WT_PWR 323626	28.95 0.57 0.00	28.84 0.59 0.00	28.40 0.36 0.00	28.37 0.39 0.00	28.12 0.42 0.00	28.54 0.42 0.00	29.62 0.92 0.00	27.98 -0.20 0.00	27.86 -0.42 0.00	26.43 -0.68 0.00	25.20 0.05 0.00	25.65 0.35 0.00	25.45 0.15 0.00	25.63 0.00 0.00	25.98 -0.16 0.00	28.46 0.11 0.00	36.53 -0.82 0.00	45.69 -1.47 -1.25	42.15 -1.40 0.00	36.79 -1.53 -0.01	32.76 -1.19 0.00	30.48 -1.17 -0.03	28.61 -0.38 0.00	28.07 -0.40 0.00
WHAVSTOR_138KV_BK127 55557	29.83 1.45 0.00	29.52 1.27 0.00	29.13 1.09 0.00	28.96 0.98 0.00	28.70 1.00 0.00	29.33 1.21 0.00	30.11 1.41 0.00	29.81 1.63 0.00	29.73 1.44 0.00	28.49 1.38 0.00	26.30 1.16 0.00	26.38 1.09 0.00	26.51 1.21 0.00	26.83 1.20 0.00	27.39 1.25 0.00	30.05 1.70 0.00	40.00 2.65 0.00	53.14 3.31 -3.92	46.68 3.14 0.00	41.02 2.68 -0.03	36.39 2.44 0.00	33.95 2.25 -0.09	30.90 1.91 0.00	29.95 1.48 0.00
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	29.83 1.45 0.00	29.52 1.27 0.00	29.13 1.09 0.00	28.96 0.98 0.00	28.70 1.00 0.00	29.33 1.21 0.00	30.11 1.41 0.00	29.81 1.63 0.00	29.73 1.44 0.00	28.49 1.38 0.00	26.30 1.16 0.00	26.38 1.09 0.00	26.51 1.21 0.00	26.83 1.20 0.00	27.39 1.25 0.00	30.05 1.70 0.00	40.00 2.65 0.00	53.14 3.31 -3.92	46.68 3.14 0.00	41.02 2.68 -0.03	36.39 2.44 0.00	33.95 2.25 -0.09	30.90 1.91 0.00	29.95 1.48 0.00
WHITEHAL_115KV_TB1 80871	30.08 1.70 0.00	29.86 1.61 0.00	29.47 1.43 0.00	29.33 1.34 0.00	29.31 1.61 0.00	29.92 1.80 0.00	30.80 2.10 0.00	30.20 2.03 0.00	30.09 1.81 0.00	28.74 1.63 0.00	26.53 1.38 0.00	26.38 1.09 0.00	26.38 1.09 0.00	26.78 1.15 0.00	27.39 1.25 0.00	29.94 1.59 0.00	40.41 3.06 0.00	55.21 4.04 -5.26	47.42 3.88 0.00	41.80 3.45 -0.04	36.73 2.78 0.00	34.14 2.40 -0.12	31.30 2.32 0.00	30.37 1.91 0.00
WHITEPLN_13_KV_LOAD 356215	30.17 1.79 0.00	29.86 1.61 0.00	29.44 1.40 0.00	29.27 1.29 0.00	28.97 1.27 0.00	29.70 1.57 0.00	30.54 1.84 0.00	30.23 2.06 0.00	30.18 1.90 0.00	28.90 1.79 0.00	26.66 1.51 0.00	26.73 1.44 0.00	26.91 1.62 0.00	27.27 1.64 0.00	27.83 1.70 0.00	30.56 2.21 0.00	40.64 3.29 0.00	54.15 4.18 -4.06	47.42 3.88 0.00	41.75 3.41 -0.03	36.97 3.02 0.00	34.46 2.75 -0.09	31.36 2.38 0.00	30.37 1.91 0.00
WM_FLOYD_69_KV_BK2 356380	36.80 2.44 -5.98	36.39 2.26 -5.88	35.58 2.02 -5.52	35.55 1.90 -5.66	36.14 1.91 -6.53	35.55 2.14 -5.29	37.16 2.53 -5.93	37.26 2.65 -6.44	36.53 2.43 -5.81	36.07 2.28 -6.68	40.49 1.96 -13.38	37.11 1.92 -9.90	39.83 2.02 -12.52	39.81 2.02 -12.16	41.31 2.20 -12.98	42.93 2.84 -11.74	64.83 4.30 -23.18	80.66 5.51 -29.23	75.56 5.18 -26.83	64.23 4.41 -21.51	60.74 3.90 -22.88	55.24 3.51 -20.11	42.17 2.99 -10.20	40.61 2.48 -9.66
WOODARD___115KV_TB2 355635	28.18 -0.20 0.00	28.05 -0.20 0.00	27.76 -0.28 0.00	27.73 -0.25 0.00	27.39 -0.30 0.00	27.93 -0.20 0.00	28.56 -0.14 0.00	27.95 -0.23 0.00	27.86 -0.42 0.00	26.76 -0.35 0.00	24.90 -0.25 0.00	25.09 -0.20 0.00	25.04 -0.25 0.00	25.37 -0.26 0.00	25.85 -0.29 0.00	28.07 -0.28 0.00	36.90 -0.45 0.00	46.20 -0.51 -0.79	42.98 -0.57 0.00	37.78 -0.54 -0.01	33.47 -0.48 0.00	31.17 -0.47 -0.02	28.69 -0.29 0.00	28.27 -0.20 0.00
YORK___WARBASSE 23770	30.35 1.96 -0.01	30.00 1.75 0.00	29.55 1.51 0.00	29.33 1.34 0.00	29.03 1.33 0.00	29.67 1.55 0.00	30.51 1.81 0.00	30.20 2.03 0.00	30.12 1.84 0.00	28.93 1.82 0.00	26.66 1.51 0.00	26.71 1.42 0.00	26.84 1.54 0.00	27.22 1.59 0.00	27.75 1.62 0.00	30.56 2.21 0.00	40.53 3.17 0.00	54.02 4.04 -4.06	47.42 3.88 0.00	41.60 3.26 -0.03	36.87 2.92 0.00	34.57 2.85 -0.10	31.43 2.43 -0.01	30.47 1.99 -0.01