

Day Ahead Market Generator LBMP

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

Generator Data

06/06/2024

Name	00:00	01:00	02:00	03:00	04:00	05:00	06:00	07:00	08:00	09:00	10:00	11:00	12:00	13:00	14:00	15:00	16:00	17:00	18:00	19:00	20:00	21:00	22:00	23:00
PTID	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT
59TH STREET_GT_1	26.81	24.22	23.34	22.38	23.00	23.16	26.46	29.52	31.91	32.28	34.65	37.36	38.14	38.79	40.09	41.10	45.05	49.08	45.42	43.33	39.35	35.47	30.55	26.85
24138	1.96	1.67	1.53	1.43	1.47	1.56	1.96	2.44	2.80	2.80	3.00	3.29	3.27	3.36	3.47	3.60	4.06	4.67	4.35	4.11	3.78	3.28	2.73	2.37
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-1.09	-2.14	-3.41	-3.74	-3.92	-3.83	-4.40	-4.82	-2.58	-1.87	-0.90	0.00	0.00	0.00
74TH STREET_GT_1	26.81	24.26	23.38	22.42	23.04	23.20	26.44	29.49	31.88	32.25	34.58	37.33	38.11	38.79	40.05	41.10	45.12	49.04	45.38	43.33	39.45	35.57	30.58	26.92
24260	1.96	1.71	1.57	1.47	1.51	1.60	1.94	2.41	2.77	2.77	2.93	3.26	3.24	3.36	3.43	3.60	4.13	4.63	4.31	4.11	3.88	3.38	2.75	2.45
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-1.09	-2.13	-3.41	-3.74	-3.91	-3.83	-4.40	-4.82	-2.58	-1.86	-0.90	0.00	0.00	0.00
74TH STREET_GT_2	26.81	24.26	23.38	22.42	23.04	23.20	26.44	29.49	31.88	32.25	34.58	37.33	38.11	38.79	40.05	41.10	45.12	49.04	45.38	43.33	39.45	35.57	30.58	26.92
24261	1.96	1.71	1.57	1.47	1.51	1.60	1.94	2.41	2.77	2.77	2.93	3.26	3.24	3.36	3.43	3.60	4.13	4.63	4.31	4.11	3.88	3.38	2.75	2.45
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-1.09	-2.13	-3.41	-3.74	-3.91	-3.83	-4.40	-4.82	-2.58	-1.86	-0.90	0.00	0.00	0.00
ADK HUDSON___FALLS	26.83	24.35	23.49	22.57	23.21	23.31	26.51	29.33	31.59	32.07	33.25	34.07	33.54	33.69	34.41	35.28	38.06	42.17	41.18	40.05	37.38	34.51	30.16	26.53
24011	1.99	1.80	1.68	1.61	1.68	1.71	2.01	2.25	2.47	2.59	2.69	2.14	2.08	2.00	1.70	1.62	1.94	2.18	2.69	2.69	2.63	2.32	2.34	2.06
	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	0.47	-0.40	0.00	0.00	-0.08	0.00	0.00	0.00
ADK RESOURCE___RCVRY	27.05	24.49	23.62	22.69	23.34	23.42	26.71	29.54	31.82	32.37	32.83	34.30	33.79	33.88	34.60	35.58	38.21	42.45	41.53	40.35	37.62	34.73	30.38	26.68
23798	2.21	1.94	1.81	1.74	1.81	1.81	2.21	2.46	2.71	2.89	2.26	2.36	2.33	2.19	1.90	1.92	2.08	2.46	3.04	2.99	2.88	2.54	2.56	2.20
	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	0.47	-0.40	0.00	0.00	-0.07	0.00	0.00	0.00
ADK S GLENS___FALLS	26.83	24.35	23.49	22.57	23.21	23.31	26.51	29.33	31.59	32.07	33.25	34.07	33.54	33.69	34.41	35.28	38.06	42.17	41.18	40.05	37.38	34.51	30.16	26.53
24028	1.99	1.80	1.68	1.61	1.68	1.71	2.01	2.25	2.47	2.59	2.69	2.14	2.08	2.00	1.70	1.62	1.94	2.18	2.69	2.69	2.63	2.32	2.34	2.06
	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	0.47	-0.40	0.00	0.00	-0.08	0.00	0.00	0.00
ADK_NYS___DAM	26.26	23.88	23.05	22.15	22.78	22.92	25.90	28.59	30.83	31.25	32.64	34.23	33.79	34.14	35.21	36.03	38.26	42.11	41.06	40.01	36.95	34.12	29.41	25.94
23527	1.42	1.33	1.24	1.19	1.25	1.32	1.40	1.52	1.72	1.77	1.83	1.82	1.57	1.62	1.63	1.52	1.65	2.02	2.00	2.24	2.19	1.93	1.58	1.47
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.24	-0.47	-0.76	-0.83	-0.87	-0.85	-0.02	-0.50	-0.57	-0.41	-0.09	0.00	0.00	0.00
AIR_PRODUCTS___DRP	25.29	23.02	22.36	21.50	22.09	22.17	24.99	27.62	29.72	30.13	31.27	32.64	32.09	32.36	33.33	34.24	36.88	40.89	39.37	38.33	35.72	32.99	28.41	25.04
24190	0.45	0.47	0.55	0.54	0.56	0.56	0.49	0.54	0.61	0.65	0.70	0.70	0.63	0.67	0.62	0.57	0.77	0.87	0.89	0.97	0.97	0.80	0.58	0.56
	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	0.48	-0.43	0.00	0.00	-0.08	0.00	0.00	0.00
AKWESSNE_115KV_BK	22.81	21.90	21.20	20.37	20.87	20.93	23.76	26.29	28.24	28.57	29.55	30.88	30.36	25.19	17.53	17.51	17.28	17.06	17.41	32.08	33.32	31.06	26.90	23.67
355683	-0.84	-0.65	-0.61	-0.59	-0.67	-0.67	-0.73	-0.79	-0.87	-0.91	-1.01	-1.05	-1.10	-1.08	-1.11	-1.14	-1.39	-1.54	-1.58	-1.57	-1.35	-1.13	-0.92	-0.81
	1.19	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	5.43	14.07	15.01	17.92	20.99	19.50	3.71	0.00	0.00	0.00	0.00
ALBANY_1_SOLAR	25.81	23.41	22.71	21.83	22.44	22.47	25.41	28.08	30.16	30.54	31.60	32.99	32.44	32.62	33.62	34.57	37.41	41.48	40.07	39.04	36.37	33.57	28.90	25.43
323833	0.97	0.86	0.89	0.88	0.90	0.87	0.91	1.00	1.05	1.06	1.04	1.05	0.98	0.92	0.91	0.91	1.14	1.50	1.58	1.68	1.63	1.38	1.08	0.95
	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	0.31	-0.38	0.00	0.00	-0.07	0.00	0.00	0.00
ALBANY_2_SOLAR	25.79	23.41	22.68	21.81	22.44	22.47	25.41	28.08	30.16	30.54	31.60	32.99	32.41	32.58	33.59	34.57	37.41	41.44	40.07	39.00	36.37	33.54	28.88	25.43
323834	0.94	0.86	0.87	0.86	0.90	0.87	0.91	1.00	1.05	1.06	1.04	1.05	0.94	0.89	0.88	0.91	1.14	1.47	1.58	1.64	1.63	1.35	1.06	0.95
	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	0.31	-0.38	0.00	0.00	-0.07	0.00	0.00	0.00
ALBANY___1	25.29	23.02	22.36	21.50	22.09	22.17	24.99	27.62	29.72	30.13	31.27	32.64	32.09	32.36	33.33	34.24	36.88	40.89	39.37	38.33	35.72	32.99	28.41	25.04
23571	0.45	0.47	0.55	0.54	0.56	0.56	0.49	0.54	0.61	0.65	0.70	0.70	0.63	0.67	0.62	0.57	0.77	0.87	0.89	0.97	0.97	0.80	0.58	0.56
	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	0.48	-0.43	0.00	0.00	-0.08	0.00	0.00	0.00

ALBANY___2 23572	25.29 0.45 0.00	23.02 0.47 0.00	22.36 0.55 0.00	21.50 0.54 0.00	22.09 0.56 0.00	22.17 0.56 0.00	24.99 0.49 0.00	27.62 0.54 0.00	29.72 0.61 0.00	30.13 0.65 0.00	31.27 0.70 0.00	32.64 0.70 0.00	32.09 0.63 0.00	32.36 0.67 0.00	33.33 0.62 0.00	34.24 0.57 0.00	36.88 0.77 0.48	40.89 0.87 -0.43	39.37 0.89 0.00	38.33 0.97 0.00	35.72 0.97 -0.08	32.99 0.80 0.00	28.41 0.58 0.00	25.04 0.56 0.00
ALBANY___3 23573	25.29 0.45 0.00	23.02 0.47 0.00	22.36 0.55 0.00	21.50 0.54 0.00	22.09 0.56 0.00	22.17 0.56 0.00	24.99 0.49 0.00	27.62 0.54 0.00	29.72 0.61 0.00	30.13 0.65 0.00	31.27 0.70 0.00	32.64 0.70 0.00	32.09 0.63 0.00	32.36 0.67 0.00	33.33 0.62 0.00	34.24 0.57 0.00	36.88 0.77 0.48	40.89 0.87 -0.43	39.37 0.89 0.00	38.33 0.97 0.00	35.72 0.97 -0.08	32.99 0.80 0.00	28.41 0.58 0.00	25.04 0.56 0.00
ALBANY___4 23574	25.29 0.45 0.00	23.02 0.47 0.00	22.36 0.55 0.00	21.50 0.54 0.00	22.09 0.56 0.00	22.17 0.56 0.00	24.99 0.49 0.00	27.62 0.54 0.00	29.72 0.61 0.00	30.13 0.65 0.00	31.27 0.70 0.00	32.64 0.70 0.00	32.09 0.63 0.00	32.36 0.67 0.00	33.33 0.62 0.00	34.24 0.57 0.00	36.88 0.77 0.48	40.89 0.87 -0.43	39.37 0.89 0.00	38.33 0.97 0.00	35.72 0.97 -0.08	32.99 0.80 0.00	28.41 0.58 0.00	25.04 0.56 0.00
ALBANY___LFGE 323615	25.61 0.77 0.00	23.25 0.70 0.00	22.55 0.74 0.00	21.67 0.71 0.00	22.29 0.75 0.00	22.36 0.76 0.00	25.26 0.76 0.00	27.92 0.84 0.00	30.04 0.93 0.00	30.48 1.00 0.00	31.63 1.07 0.00	33.05 1.12 0.00	32.47 1.01 0.00	32.71 1.01 0.00	33.72 1.01 0.00	34.64 0.98 0.00	37.21 1.14 0.52	41.41 1.39 -0.43	39.87 1.38 0.00	38.81 1.46 0.00	36.14 1.39 -0.08	33.35 1.16 0.00	28.71 0.89 0.00	25.28 0.81 0.00
ALCOA_PA_115KV_PL-6C 55860	22.74 -0.97 1.13	21.78 -0.77 0.00	21.11 -0.70 0.00	20.26 -0.69 0.00	20.78 -0.75 0.00	20.87 -0.73 0.00	23.72 -0.78 0.00	26.24 -0.84 0.00	28.15 -0.96 0.00	28.45 -1.03 0.00	29.34 -1.22 0.00	30.66 -1.28 0.00	30.17 -1.29 0.00	25.20 -1.33 5.17	17.97 -1.34 13.40	17.99 -1.38 14.30	18.02 -1.50 17.07	17.82 -1.78 19.99	17.99 -1.92 18.57	31.88 -1.94 3.53	33.07 -1.59 0.00	30.80 -1.38 0.00	26.71 -1.11 0.00	23.55 -0.93 0.00
ALCOA_RYNLDS___DRP 24188	22.74 -0.97 1.13	21.78 -0.77 0.00	21.11 -0.70 0.00	20.26 -0.69 0.00	20.78 -0.75 0.00	20.87 -0.73 0.00	23.72 -0.78 0.00	26.24 -0.84 0.00	28.15 -0.96 0.00	28.45 -1.03 0.00	29.34 -1.22 0.00	30.66 -1.28 0.00	30.17 -1.29 0.00	25.20 -1.33 5.17	17.97 -1.34 13.40	17.99 -1.38 14.30	18.02 -1.50 17.07	17.82 -1.78 19.99	17.99 -1.92 18.57	31.88 -1.94 3.53	33.07 -1.59 0.00	30.80 -1.38 0.00	26.71 -1.11 0.00	23.55 -0.93 0.00
ALCOA___DSASP 323711	22.71 -0.99 1.13	21.83 -0.72 0.00	21.16 -0.65 0.00	20.30 -0.65 0.00	20.85 -0.69 0.00	20.91 -0.69 0.00	23.71 -0.78 0.00	26.24 -0.84 0.00	28.15 -0.96 0.00	28.45 -1.03 0.00	29.34 -1.22 0.00	30.66 -1.28 0.00	30.17 -1.29 0.00	25.20 -1.33 5.17	17.96 -1.34 13.40	17.98 -1.38 14.30	17.95 -1.57 17.07	17.83 -1.78 19.99	17.99 -1.92 18.57	31.88 -1.94 3.53	33.08 -1.59 0.00	30.84 -1.35 0.00	26.71 -1.11 0.00	23.62 -0.86 0.00
ALLEGHENY___COGEN 23514	26.11 1.27 0.00	23.36 0.81 0.00	22.40 0.59 0.00	21.39 0.44 0.00	22.29 0.75 0.00	22.53 0.93 0.00	25.70 1.20 0.00	28.27 1.19 0.00	29.84 0.73 0.00	29.98 0.50 0.00	31.21 0.64 0.00	32.19 0.25 0.00	31.93 0.47 0.00	32.01 0.32 0.00	31.89 -0.82 0.00	33.23 -0.44 0.00	36.41 -0.18 0.00	39.91 0.32 0.00	38.99 0.50 0.00	37.95 0.60 0.00	35.19 0.52 0.00	32.54 0.35 0.00	29.16 1.34 0.00	25.33 0.86 0.00
ALTAMONT_115KV_TB 2 55880	25.56 0.72 0.00	23.20 0.65 0.00	22.49 0.68 0.00	21.62 0.67 0.00	22.22 0.69 0.00	22.27 0.67 0.00	25.21 0.71 0.00	27.92 0.84 0.00	30.05 0.93 0.00	30.42 0.94 0.00	31.54 0.98 0.00	32.96 1.02 0.00	32.47 1.01 0.00	32.71 1.01 0.00	33.72 1.01 0.00	34.71 1.04 0.00	37.56 1.24 0.28	41.42 1.43 -0.40	39.87 1.39 0.00	38.78 1.42 0.00	36.10 1.35 -0.08	33.35 1.16 0.00	28.74 0.92 0.00	25.31 0.83 0.00
ALTONA_WT_PWR 323606	23.04 -0.62 1.18	22.19 -0.36 0.00	21.59 -0.22 0.00	20.74 -0.21 0.00	21.39 -0.15 0.00	21.48 -0.13 0.00	24.03 -0.47 0.00	26.59 -0.49 0.00	28.47 -0.64 0.00	28.74 -0.74 0.00	29.71 -0.86 0.00	31.01 -0.93 0.00	30.30 -1.16 0.00	25.09 -1.24 5.37	17.51 -1.28 13.92	17.53 -1.28 14.85	17.54 -1.32 17.73	17.37 -1.46 20.76	17.81 -1.38 19.29	32.87 -0.82 3.67	34.11 -0.56 0.00	31.74 -0.45 0.00	27.37 -0.45 0.00	24.08 -0.39 0.00
AMERICAN_REF_FUEL 24010	24.50 -0.35 0.00	21.96 -0.59 0.00	20.98 -0.83 0.00	20.05 -0.90 0.00	20.87 -0.67 0.00	21.13 -0.48 0.00	23.94 -0.56 0.00	26.35 -0.73 0.00	28.27 -0.85 0.00	28.57 -0.91 0.00	29.98 -0.58 0.00	30.94 -0.99 0.00	30.77 -0.69 0.00	30.97 -0.73 0.00	31.85 -0.85 0.00	32.59 -1.08 0.00	35.79 -0.81 0.00	39.16 -0.43 0.00	38.22 -0.27 0.00	36.80 -0.56 0.00	33.74 -0.93 0.00	31.19 -1.00 0.00	27.18 -0.64 0.00	23.84 -0.64 0.00
ARKWRIGHT___SUMMIT_WT_PWR 323751	25.22 0.37 0.00	22.60 0.05 0.00	21.66 -0.15 0.00	20.74 -0.21 0.00	21.60 0.06 0.00	21.93 0.32 0.00	25.04 0.54 0.00	27.62 0.54 0.00	29.64 0.52 0.00	29.89 0.41 0.00	31.42 0.85 0.00	32.25 0.32 0.00	32.00 0.53 0.00	32.24 0.54 0.00	32.97 0.26 0.00	33.60 -0.07 0.00	36.81 0.22 0.00	40.23 0.63 0.00	39.30 0.81 0.00	38.03 0.67 0.00	34.98 0.31 0.00	32.35 0.16 0.00	28.18 0.36 0.00	24.60 0.12 0.00
ARTHUR KILL_GT_1 23520	26.99 2.14 -0.01	24.38 1.83 -0.01	23.50 1.68 -0.01	22.46 1.51 0.00	23.09 1.55 0.00	23.14 1.53 0.00	26.36 1.86 0.00	29.35 2.27 0.00	31.70 2.59 0.00	32.07 2.59 0.00	34.49 2.84 -1.09	37.10 3.04 -2.13	37.91 3.05 -3.40	38.59 3.17 -3.73	39.78 3.17 -3.91	40.89 3.40 -3.82	44.75 3.77 -4.39	48.84 4.43 -4.81	45.14 4.08 -2.57	43.10 3.88 -1.86	39.84 3.88 -1.29	35.54 3.28 -0.06	30.62 2.78 -0.02	27.01 2.52 -0.01
ARTHUR_KILL_2 23512	26.91 2.06 -0.01	24.32 1.76 -0.01	23.43 1.61 -0.01	22.40 1.44 0.00	23.02 1.48 0.00	23.07 1.47 0.00	26.29 1.79 0.00	29.27 2.19 0.00	31.62 2.50 0.00	31.98 2.50 0.00	34.40 2.75 -1.09	37.00 2.94 -2.13	37.79 2.93 -3.40	38.47 3.04 -3.73	39.65 3.04 -3.91	40.75 3.26 -3.82	44.57 3.59 -4.39	48.64 4.24 -4.81	44.95 3.89 -2.57	42.91 3.70 -1.86	39.70 3.75 -1.29	35.41 3.16 -0.06	30.51 2.67 -0.02	26.91 2.42 -0.01
ARTHUR_KILL_3 23513	26.56 1.71 0.00	24.00 1.44 0.00	23.12 1.31 0.00	22.15 1.19 0.00	22.76 1.23 0.00	22.94 1.34 0.00	26.19 1.69 0.00	29.22 2.14 0.00	31.59 2.47 0.00	31.96 2.48 0.00	34.31 2.66 -1.09	37.01 2.94 -2.13	37.73 2.86 -3.41	38.38 2.95 -3.74	39.69 3.07 -3.91	40.70 3.20 -3.83	44.54 3.55 -4.40	48.57 4.16 -4.82	44.92 3.85 -2.58	42.84 3.62 -1.86	39.43 3.47 -1.29	35.30 3.06 -0.05	30.33 2.50 -0.01	26.63 2.15 0.00

ARTHUR_KILL_COGEN 323718	26.99 2.14 -0.01	24.38 1.83 -0.01	23.50 1.68 -0.01	22.46 1.51 0.00	23.09 1.55 0.00	23.14 1.53 0.00	26.36 1.86 0.00	29.35 2.27 0.00	31.70 2.59 0.00	32.07 2.59 0.00	34.49 2.84 -1.09	37.10 3.04 -2.13	37.91 3.05 -3.40	38.59 3.17 -3.73	39.78 3.17 -3.91	40.89 3.40 -3.82	44.75 3.77 -4.39	48.84 4.43 -4.81	45.14 4.08 -2.57	43.10 3.88 -1.86	39.84 3.88 -1.29	35.54 3.28 -0.06	30.62 2.78 -0.02	27.01 2.52 -0.01
ASHOKAN____ 23654	26.28 1.44 0.00	23.74 1.19 0.00	22.97 1.16 0.00	22.06 1.11 0.00	22.70 1.16 0.00	22.75 1.14 0.00	25.82 1.32 0.00	28.49 1.41 0.00	30.63 1.51 0.00	30.98 1.50 0.00	32.12 1.56 0.00	33.47 1.53 0.00	33.03 1.57 0.00	33.31 1.62 0.00	34.47 1.76 0.00	35.51 1.85 0.00	39.39 2.93 0.13	43.31 3.49 -0.23	41.30 2.81 0.00	40.23 2.88 0.00	38.01 3.30 -0.04	34.41 2.22 0.00	29.49 1.67 0.00	25.94 1.47 0.00
ASTORIA_EAST_ENERGY_CC1 323581	26.89 2.04 -0.01	24.27 1.71 -0.01	23.41 1.59 -0.01	22.31 1.36 0.00	22.93 1.40 0.00	23.07 1.47 0.00	26.31 1.81 0.00	29.27 2.19 0.00	31.61 2.50 0.01	31.98 2.50 0.01	34.36 2.72 -1.08	37.06 3.00 -2.13	37.82 2.96 -3.40	38.48 3.04 -3.74	39.50 2.88 -3.91	40.72 3.23 -3.82	44.57 3.59 -4.39	48.60 4.19 -4.81	44.91 3.85 -2.57	42.88 3.66 -1.86	39.22 3.64 -0.91	35.42 3.22 -0.01	30.52 2.70 0.00	26.83 2.35 -0.01
ASTORIA_EAST_ENERGY_CC2 323582	26.89 2.04 -0.01	24.27 1.71 -0.01	23.41 1.59 -0.01	22.31 1.36 0.00	22.93 1.40 0.00	23.07 1.47 0.00	26.31 1.81 0.00	29.27 2.19 0.00	31.61 2.50 0.01	31.98 2.50 0.01	34.36 2.72 -1.08	37.06 3.00 -2.13	37.82 2.96 -3.40	38.48 3.04 -3.74	39.50 2.88 -3.91	40.72 3.23 -3.82	44.57 3.59 -4.39	48.60 4.19 -4.81	44.91 3.85 -2.57	42.88 3.66 -1.86	39.22 3.64 -0.91	35.42 3.22 -0.01	30.52 2.70 0.00	26.83 2.35 -0.01
ASTORIA_GT2_1 24094	26.86 2.01 -0.01	24.32 1.76 -0.01	23.46 1.64 -0.01	22.36 1.40 0.00	22.98 1.44 0.00	23.12 1.51 0.00	26.31 1.81 0.00	29.30 2.22 0.00	31.65 2.53 0.00	32.01 2.54 0.00	34.31 2.66 -1.09	37.07 3.00 -2.13	37.86 2.99 -3.41	38.67 3.23 -3.74	39.72 3.11 -3.91	40.76 3.27 -3.83	44.72 3.73 -4.40	48.61 4.20 -4.82	44.92 3.85 -2.58	42.92 3.70 -1.86	39.22 3.64 -0.91	35.48 3.28 -0.01	30.55 2.73 0.00	26.88 2.40 -0.01
ASTORIA_GT2_2 24095	26.86 2.01 -0.01	24.32 1.76 -0.01	23.46 1.64 -0.01	22.36 1.40 0.00	22.98 1.44 0.00	23.12 1.51 0.00	26.31 1.81 0.00	29.30 2.22 0.00	31.65 2.53 0.00	32.01 2.54 0.00	34.31 2.66 -1.09	37.07 3.00 -2.13	37.86 2.99 -3.41	38.67 3.23 -3.74	39.72 3.11 -3.91	40.76 3.27 -3.83	44.72 3.73 -4.40	48.61 4.20 -4.82	44.92 3.85 -2.58	42.92 3.70 -1.86	39.22 3.64 -0.91	35.48 3.28 -0.01	30.55 2.73 0.00	26.88 2.40 -0.01
ASTORIA_GT2_3 24096	26.86 2.01 -0.01	24.32 1.76 -0.01	23.46 1.64 -0.01	22.36 1.40 0.00	22.98 1.44 0.00	23.12 1.51 0.00	26.31 1.81 0.00	29.30 2.22 0.00	31.65 2.53 0.00	32.01 2.54 0.00	34.31 2.66 -1.09	37.07 3.00 -2.13	37.86 2.99 -3.41	38.67 3.23 -3.74	39.72 3.11 -3.91	40.76 3.27 -3.83	44.72 3.73 -4.40	48.61 4.20 -4.82	44.92 3.85 -2.58	42.92 3.70 -1.86	39.22 3.64 -0.91	35.48 3.28 -0.01	30.55 2.73 0.00	26.88 2.40 -0.01
ASTORIA_GT2_4 24097	26.86 2.01 -0.01	24.32 1.76 -0.01	23.46 1.64 -0.01	22.36 1.40 0.00	22.98 1.44 0.00	23.12 1.51 0.00	26.31 1.81 0.00	29.30 2.22 0.00	31.65 2.53 0.00	32.01 2.54 0.00	34.31 2.66 -1.09	37.07 3.00 -2.13	37.86 2.99 -3.41	38.67 3.23 -3.74	39.72 3.11 -3.91	40.76 3.27 -3.83	44.72 3.73 -4.40	48.61 4.20 -4.82	44.92 3.85 -2.58	42.92 3.70 -1.86	39.22 3.64 -0.91	35.48 3.28 -0.01	30.55 2.73 0.00	26.88 2.40 -0.01
ASTORIA_GT3_1 24098	26.86 2.01 -0.01	24.32 1.76 -0.01	23.46 1.64 -0.01	22.36 1.40 0.00	22.98 1.44 0.00	23.12 1.51 0.00	26.31 1.81 0.00	29.30 2.22 0.00	31.65 2.53 0.00	32.01 2.54 0.00	34.31 2.66 -1.09	37.07 3.00 -2.13	37.86 2.99 -3.41	38.67 3.23 -3.74	39.72 3.11 -3.91	40.76 3.27 -3.83	44.72 3.73 -4.40	48.61 4.20 -4.82	44.92 3.85 -2.58	42.92 3.70 -1.86	39.22 3.64 -0.91	35.48 3.28 -0.01	30.55 2.73 0.00	26.88 2.40 -0.01
ASTORIA_GT3_2 24099	26.86 2.01 -0.01	24.32 1.76 -0.01	23.46 1.64 -0.01	22.36 1.40 0.00	22.98 1.44 0.00	23.12 1.51 0.00	26.31 1.81 0.00	29.30 2.22 0.00	31.65 2.53 0.00	32.01 2.54 0.00	34.31 2.66 -1.09	37.07 3.00 -2.13	37.86 2.99 -3.41	38.67 3.23 -3.74	39.72 3.11 -3.91	40.76 3.27 -3.83	44.72 3.73 -4.40	48.61 4.20 -4.82	44.92 3.85 -2.58	42.92 3.70 -1.86	39.22 3.64 -0.91	35.48 3.28 -0.01	30.55 2.73 0.00	26.88 2.40 -0.01
ASTORIA_GT3_3 24100	26.86 2.01 -0.01	24.32 1.76 -0.01	23.46 1.64 -0.01	22.36 1.40 0.00	22.98 1.44 0.00	23.12 1.51 0.00	26.31 1.81 0.00	29.30 2.22 0.00	31.65 2.53 0.00	32.01 2.54 0.00	34.31 2.66 -1.09	37.07 3.00 -2.13	37.86 2.99 -3.41	38.67 3.23 -3.74	39.72 3.11 -3.91	40.76 3.27 -3.83	44.72 3.73 -4.40	48.61 4.20 -4.82	44.92 3.85 -2.58	42.92 3.70 -1.86	39.22 3.64 -0.91	35.48 3.28 -0.01	30.55 2.73 0.00	26.88 2.40 -0.01
ASTORIA_GT3_4 24101	26.86 2.01 -0.01	24.32 1.76 -0.01	23.46 1.64 -0.01	22.36 1.40 0.00	22.98 1.44 0.00	23.12 1.51 0.00	26.31 1.81 0.00	29.30 2.22 0.00	31.65 2.53 0.00	32.01 2.54 0.00	34.31 2.66 -1.09	37.07 3.00 -2.13	37.86 2.99 -3.41	38.67 3.23 -3.74	39.72 3.11 -3.91	40.76 3.27 -3.83	44.72 3.73 -4.40	48.61 4.20 -4.82	44.92 3.85 -2.58	42.92 3.70 -1.86	39.22 3.64 -0.91	35.48 3.28 -0.01	30.55 2.73 0.00	26.88 2.40 -0.01
ASTORIA_GT4_1 24102	26.86 2.01 -0.01	24.32 1.76 -0.01	23.46 1.64 -0.01	22.36 1.40 0.00	22.98 1.44 0.00	23.12 1.51 0.00	26.31 1.81 0.00	29.30 2.22 0.00	31.65 2.53 0.00	32.01 2.54 0.00	34.31 2.66 -1.09	37.07 3.00 -2.13	37.86 2.99 -3.41	38.67 3.23 -3.74	39.72 3.11 -3.91	40.76 3.27 -3.83	44.72 3.73 -4.40	48.61 4.20 -4.82	44.92 3.85 -2.58	42.92 3.70 -1.86	39.22 3.64 -0.91	35.48 3.28 -0.01	30.55 2.73 0.00	26.88 2.40 -0.01
ASTORIA_GT4_2 24103	26.86 2.01 -0.01	24.32 1.76 -0.01	23.46 1.64 -0.01	22.36 1.40 0.00	22.98 1.44 0.00	23.12 1.51 0.00	26.31 1.81 0.00	29.30 2.22 0.00	31.65 2.53 0.00	32.01 2.54 0.00	34.31 2.66 -1.09	37.07 3.00 -2.13	37.86 2.99 -3.41	38.67 3.23 -3.74	39.72 3.11 -3.91	40.76 3.27 -3.83	44.72 3.73 -4.40	48.61 4.20 -4.82	44.92 3.85 -2.58	42.92 3.70 -1.86	39.22 3.64 -0.91	35.48 3.28 -0.01	30.55 2.73 0.00	26.88 2.40 -0.01
ASTORIA_GT4_3 24104	26.86 2.01 -0.01	24.32 1.76 -0.01	23.46 1.64 -0.01	22.36 1.40 0.00	22.98 1.44 0.00	23.12 1.51 0.00	26.31 1.81 0.00	29.30 2.22 0.00	31.65 2.53 0.00	32.01 2.54 0.00	34.31 2.66 -1.09	37.07 3.00 -2.13	37.86 2.99 -3.41	38.67 3.23 -3.74	39.72 3.11 -3.91	40.76 3.27 -3.83	44.72 3.73 -4.40	48.61 4.20 -4.82	44.92 3.85 -2.58	42.92 3.70 -1.86	39.22 3.64 -0.91	35.48 3.28 -0.01	30.55 2.73 0.00	26.88 2.40 -0.01

ASTORIA_GT4_4 24105	26.86 2.01 -0.01	24.32 1.76 -0.01	23.46 1.64 -0.01	22.36 1.40 0.00	22.98 1.44 0.00	23.12 1.51 0.00	26.31 1.81 0.00	29.30 2.22 0.00	31.65 2.53 0.00	32.01 2.54 0.00	34.31 2.66 -1.09	37.07 3.00 -2.13	37.86 2.99 -3.41	38.67 3.23 -3.74	39.72 3.11 -3.91	40.76 3.27 -3.83	44.72 3.73 -4.40	48.61 4.20 -4.82	44.92 3.85 -2.58	42.92 3.70 -1.86	39.22 3.64 -0.91	35.48 3.28 -0.01	30.55 2.73 0.00	26.88 2.40 -0.01
ASTORIA_GT_1 23523	26.94 2.09 -0.01	24.32 1.76 -0.01	23.48 1.66 -0.01	22.36 1.40 0.00	22.98 1.44 0.00	23.12 1.51 0.00	26.36 1.86 0.00	29.35 2.27 0.00	31.70 2.59 0.01	32.07 2.59 0.01	34.42 2.78 -1.08	37.16 3.10 -2.13	37.91 3.05 -3.40	38.58 3.14 -3.74	39.59 2.98 -3.91	40.82 3.33 -3.82	44.68 3.69 -4.39	48.76 4.36 -4.81	45.03 3.97 -2.57	42.98 3.77 -1.86	39.32 3.75 -0.91	35.51 3.32 -0.01	30.60 2.78 0.00	26.88 2.40 -0.01
ASTORIA_GT_10 24110	26.76 1.91 -0.01	24.23 1.67 -0.01	23.37 1.55 -0.01	22.34 1.38 0.00	22.96 1.42 0.00	23.09 1.49 0.00	26.31 1.81 0.00	29.33 2.25 0.00	31.70 2.59 0.00	32.07 2.59 0.00	34.40 2.75 -1.09	37.10 3.03 -2.13	37.92 3.05 -3.41	38.67 3.23 -3.74	39.79 3.17 -3.91	40.83 3.33 -3.83	44.79 3.81 -4.40	48.69 4.28 -4.82	45.00 3.93 -2.58	42.99 3.77 -1.86	39.29 3.71 -0.91	35.45 3.25 -0.01	30.46 2.64 0.00	26.86 2.37 -0.01
ASTORIA_GT_11 24225	26.76 1.91 -0.01	24.23 1.67 -0.01	23.37 1.55 -0.01	22.34 1.38 0.00	22.96 1.42 0.00	23.09 1.49 0.00	26.31 1.81 0.00	29.33 2.25 0.00	31.70 2.59 0.00	32.07 2.59 0.00	34.40 2.75 -1.09	37.10 3.03 -2.13	37.92 3.05 -3.41	38.67 3.23 -3.74	39.79 3.17 -3.91	40.83 3.33 -3.83	44.79 3.81 -4.40	48.69 4.28 -4.82	45.00 3.93 -2.58	42.99 3.77 -1.86	39.29 3.71 -0.91	35.45 3.25 -0.01	30.46 2.64 0.00	26.86 2.37 -0.01
ASTORIA_GT_12 24226	26.76 1.91 -0.01	24.23 1.67 -0.01	23.37 1.55 -0.01	22.34 1.38 0.00	22.96 1.42 0.00	23.09 1.49 0.00	26.31 1.81 0.00	29.33 2.25 0.00	31.70 2.59 0.00	32.07 2.59 0.00	34.40 2.75 -1.09	37.10 3.03 -2.13	37.92 3.05 -3.41	38.67 3.23 -3.74	39.79 3.17 -3.91	40.83 3.33 -3.83	44.79 3.81 -4.40	48.69 4.28 -4.82	45.00 3.93 -2.58	42.99 3.77 -1.86	39.29 3.71 -0.91	35.45 3.25 -0.01	30.46 2.64 0.00	26.86 2.37 -0.01
ASTORIA_GT_13 24227	26.76 1.91 -0.01	24.23 1.67 -0.01	23.37 1.55 -0.01	22.34 1.38 0.00	22.96 1.42 0.00	23.09 1.49 0.00	26.31 1.81 0.00	29.33 2.25 0.00	31.70 2.59 0.00	32.07 2.59 0.00	34.40 2.75 -1.09	37.10 3.03 -2.13	37.92 3.05 -3.41	38.67 3.23 -3.74	39.79 3.17 -3.91	40.83 3.33 -3.83	44.79 3.81 -4.40	48.69 4.28 -4.82	45.00 3.93 -2.58	42.99 3.77 -1.86	39.29 3.71 -0.91	35.45 3.25 -0.01	30.46 2.64 0.00	26.86 2.37 -0.01
ASTORIA_GT_5 24106	26.91 2.06 -0.01	24.36 1.80 -0.01	23.50 1.68 -0.01	22.40 1.45 0.00	23.02 1.49 0.00	23.16 1.56 0.00	26.36 1.86 0.00	29.35 2.27 0.00	31.70 2.59 0.00	32.07 2.59 0.00	34.40 2.75 -1.09	37.13 3.07 -2.13	37.92 3.05 -3.41	38.74 3.30 -3.74	39.79 3.17 -3.91	40.83 3.33 -3.83	44.83 3.84 -4.40	48.73 4.32 -4.82	45.04 3.96 -2.58	42.99 3.77 -1.86	39.32 3.74 -0.91	35.54 3.35 -0.01	30.60 2.78 0.00	26.93 2.45 -0.01
ASTORIA_GT_7 24107	26.91 2.06 -0.01	24.36 1.80 -0.01	23.50 1.68 -0.01	22.40 1.45 0.00	23.02 1.49 0.00	23.16 1.56 0.00	26.36 1.86 0.00	29.35 2.27 0.00	31.70 2.59 0.00	32.07 2.59 0.00	34.40 2.75 -1.09	37.13 3.07 -2.13	37.92 3.05 -3.41	38.74 3.30 -3.74	39.79 3.17 -3.91	40.83 3.33 -3.83	44.83 3.84 -4.40	48.73 4.32 -4.82	45.04 3.96 -2.58	42.99 3.77 -1.86	39.32 3.74 -0.91	35.54 3.35 -0.01	30.60 2.78 0.00	26.93 2.45 -0.01
ASTORIA_GT_8 24108	26.91 2.06 -0.01	24.36 1.80 -0.01	23.50 1.68 -0.01	22.40 1.45 0.00	23.02 1.49 0.00	23.16 1.56 0.00	26.36 1.86 0.00	29.35 2.27 0.00	31.70 2.59 0.00	32.07 2.59 0.00	34.40 2.75 -1.09	37.13 3.07 -2.13	37.92 3.05 -3.41	38.74 3.30 -3.74	39.79 3.17 -3.91	40.83 3.33 -3.83	44.83 3.84 -4.40	48.73 4.32 -4.82	45.04 3.96 -2.58	42.99 3.77 -1.86	39.32 3.74 -0.91	35.54 3.35 -0.01	30.60 2.78 0.00	26.93 2.45 -0.01
ASTORIA___2 24149	26.89 2.04 -0.01	24.29 1.74 -0.01	23.43 1.61 -0.01	22.34 1.38 0.00	22.93 1.40 0.00	23.09 1.49 0.00	26.31 1.81 0.00	29.30 2.22 0.00	31.64 2.53 0.01	32.01 2.54 0.01	34.36 2.72 -1.08	37.06 3.00 -2.13	37.85 2.99 -3.40	38.48 3.04 -3.74	39.53 2.91 -3.91	40.72 3.23 -3.82	44.60 3.62 -4.39	48.64 4.24 -4.81	44.95 3.89 -2.57	42.91 3.70 -1.86	39.25 3.67 -0.91	35.45 3.25 -0.01	30.55 2.73 0.00	26.83 2.35 -0.01
ASTORIA___3 23516	26.79 1.94 -0.01	24.20 1.65 -0.01	23.32 1.50 -0.01	22.30 1.34 0.00	22.91 1.38 0.00	23.07 1.47 0.00	26.31 1.81 0.00	29.32 2.25 0.00	31.70 2.59 0.00	32.07 2.59 0.00	34.43 2.78 -1.09	37.13 3.07 -2.13	37.92 3.05 -3.41	38.58 3.14 -3.74	39.76 3.14 -3.91	40.83 3.33 -3.83	44.68 3.69 -4.40	48.73 4.32 -4.82	45.04 3.97 -2.58	42.99 3.77 -1.86	39.29 3.71 -0.91	35.42 3.22 -0.01	30.47 2.64 0.00	26.81 2.33 -0.01
ASTORIA___4 23517	26.76 1.91 -0.01	24.23 1.67 -0.01	23.37 1.55 -0.01	22.34 1.38 0.00	22.96 1.42 0.00	23.09 1.49 0.00	26.31 1.81 0.00	29.33 2.25 0.00	31.70 2.59 0.00	32.07 2.59 0.00	34.40 2.75 -1.09	37.10 3.03 -2.13	37.92 3.05 -3.41	38.67 3.23 -3.74	39.79 3.17 -3.91	40.83 3.33 -3.83	44.79 3.81 -4.40	48.69 4.28 -4.82	45.00 3.93 -2.58	42.99 3.77 -1.86	39.29 3.71 -0.91	35.45 3.25 -0.01	30.46 2.64 0.00	26.86 2.37 -0.01
ASTORIA___5 23518	26.79 1.94 -0.01	24.20 1.65 -0.01	23.32 1.50 -0.01	22.30 1.34 0.00	22.91 1.38 0.00	23.07 1.47 0.00	26.31 1.81 0.00	29.32 2.25 0.00	31.70 2.59 0.00	32.07 2.59 0.00	34.43 2.78 -1.09	37.13 3.07 -2.13	37.92 3.05 -3.41	38.58 3.14 -3.74	39.76 3.14 -3.91	40.83 3.33 -3.83	44.68 3.69 -4.40	48.73 4.32 -4.82	45.04 3.97 -2.58	42.99 3.77 -1.86	39.29 3.71 -0.91	35.42 3.22 -0.01	30.47 2.64 0.00	26.81 2.33 -0.01
AST_ENERGY_2_CC3 323677	26.63 1.79 0.00	24.04 1.49 0.00	23.19 1.37 0.00	22.23 1.28 0.00	22.83 1.29 0.00	22.99 1.38 0.00	26.21 1.71 0.00	29.25 2.17 0.00	31.59 2.47 0.00	31.96 2.48 0.00	34.31 2.66 -1.09	37.01 2.94 -2.13	37.80 2.93 -3.41	38.45 3.01 -3.74	39.73 3.11 -3.91	40.73 3.23 -3.83	44.61 3.62 -4.40	48.65 4.24 -4.82	44.96 3.89 -2.58	42.92 3.70 -1.86	39.07 3.50 -0.90	35.25 3.06 0.00	30.33 2.50 0.00	26.65 2.18 0.00
AST_ENERGY_2_CC4 323678	26.63 1.79 0.00	24.04 1.49 0.00	23.19 1.37 0.00	22.23 1.28 0.00	22.83 1.29 0.00	22.99 1.38 0.00	26.21 1.71 0.00	29.25 2.17 0.00	31.59 2.47 0.00	31.96 2.48 0.00	34.31 2.66 -1.09	37.01 2.94 -2.13	37.80 2.93 -3.41	38.45 3.01 -3.74	39.73 3.11 -3.91	40.73 3.23 -3.83	44.61 3.62 -4.40	48.65 4.24 -4.82	44.96 3.89 -2.58	42.92 3.70 -1.86	39.07 3.50 -0.90	35.25 3.06 0.00	30.33 2.50 0.00	26.65 2.18 0.00

ATHENS_STG_1 23668	25.74 0.89 0.00	23.32 0.77 0.00	22.57 0.76 0.00	21.71 0.75 0.00	22.33 0.80 0.00	22.36 0.76 0.00	25.36 0.86 0.00	28.13 1.05 0.00	30.31 1.19 0.00	30.66 1.18 0.00	32.10 1.28 -0.25	33.80 1.37 -0.49	33.60 1.35 -0.79	33.95 1.39 -0.86	35.05 1.44 -0.90	36.03 1.48 -0.88	39.30 1.65 -1.06	42.07 1.94 -0.54	40.89 1.81 -0.60	39.62 1.83 -0.43	36.47 1.70 -0.10	33.64 1.45 0.00	29.02 1.20 0.00	25.53 1.05 0.00
ATHENS_STG_2 23670	25.74 0.89 0.00	23.32 0.77 0.00	22.57 0.76 0.00	21.71 0.75 0.00	22.33 0.80 0.00	22.36 0.76 0.00	25.36 0.86 0.00	28.13 1.05 0.00	30.31 1.19 0.00	30.66 1.18 0.00	32.10 1.28 -0.25	33.80 1.37 -0.49	33.60 1.35 -0.79	33.95 1.39 -0.86	35.05 1.44 -0.90	36.03 1.48 -0.88	39.30 1.65 -1.06	42.07 1.94 -0.54	40.89 1.81 -0.60	39.62 1.83 -0.43	36.47 1.70 -0.10	33.64 1.45 0.00	29.02 1.20 0.00	25.53 1.05 0.00
ATHENS_STG_3 23677	25.74 0.89 0.00	23.32 0.77 0.00	22.57 0.76 0.00	21.71 0.75 0.00	22.33 0.80 0.00	22.36 0.76 0.00	25.36 0.86 0.00	28.13 1.05 0.00	30.31 1.19 0.00	30.66 1.18 0.00	32.10 1.28 -0.25	33.80 1.37 -0.49	33.60 1.35 -0.79	33.95 1.39 -0.86	35.05 1.44 -0.90	36.03 1.48 -0.88	39.30 1.65 -1.06	42.07 1.94 -0.54	40.89 1.81 -0.60	39.62 1.83 -0.43	36.47 1.70 -0.10	33.64 1.45 0.00	29.02 1.20 0.00	25.53 1.05 0.00
AUBURN___LFGE 323710	25.22 0.37 0.00	22.78 0.23 0.00	21.96 0.15 0.00	21.10 0.15 0.00	21.79 0.26 0.00	21.93 0.32 0.00	24.97 0.47 0.00	27.59 0.51 0.00	29.64 0.52 0.00	30.10 0.62 0.00	31.17 0.61 0.00	32.51 0.57 0.00	32.12 0.66 0.00	32.27 0.57 0.00	33.29 0.59 0.00	34.24 0.57 0.00	37.40 0.80 0.00	40.47 0.87 0.00	39.37 0.89 0.00	38.14 0.78 0.00	35.29 0.62 0.00	32.67 0.48 0.00	28.24 0.42 0.00	24.72 0.24 0.00
BABYLON_RES_REC 323704	30.59 2.58 -3.16	26.27 2.23 -1.49	25.62 2.09 -1.71	22.94 1.97 -0.02	23.61 2.07 -0.01	23.87 2.14 -0.13	27.18 2.55 -0.13	30.15 3.06 -0.01	32.08 2.97 0.00	32.49 3.01 0.00	34.67 3.03 -1.08	37.63 3.58 -2.12	38.47 3.62 -3.39	42.51 3.71 -7.10	42.12 3.92 -5.49	44.08 4.07 -6.34	53.09 4.50 -12.00	59.83 5.14 -15.09	57.89 4.89 -14.51	55.52 4.71 -13.45	42.95 4.30 -3.99	40.04 3.76 -4.09	31.15 3.31 -0.02	29.77 2.91 -2.38
BABYLON___69_KV_BK2 356345	30.94 2.93 -3.16	26.63 2.59 -1.49	25.97 2.44 -1.71	23.27 2.30 -0.02	23.93 2.39 0.00	24.20 2.46 -0.13	27.52 2.89 -0.13	30.52 3.44 0.00	32.49 3.38 0.00	32.93 3.45 0.00	35.06 3.42 -1.08	38.07 4.02 -2.12	38.96 4.12 -3.38	43.39 4.55 -7.41	43.11 4.61 -5.86	49.31 4.61 -11.03	67.88 5.16 -26.13	79.56 5.74 -34.22	80.56 5.43 -36.65	77.54 5.23 -34.95	48.70 4.78 -9.25	43.55 4.28 -7.08	31.58 3.73 -0.03	30.21 3.35 -2.38
BALL_HILL_WT_PWR 323825	25.22 0.37 0.00	22.60 0.05 0.00	21.61 -0.20 0.00	20.66 -0.29 0.00	21.49 -0.04 0.00	21.80 0.19 0.00	24.82 0.32 0.00	27.38 0.30 0.00	29.37 0.26 0.00	29.63 0.15 0.00	31.11 0.55 0.00	32.09 0.16 0.00	31.90 0.44 0.00	32.17 0.48 0.00	33.03 0.33 0.00	33.80 0.14 0.00	37.07 0.47 0.00	40.54 0.95 0.00	39.53 1.04 0.00	38.06 0.71 0.00	34.95 0.28 0.00	32.32 0.13 0.00	28.13 0.31 0.00	24.62 0.15 0.00
BARON_WINDS___WT_PWR 323822	25.09 0.25 0.00	22.55 0.00 0.00	21.64 -0.18 0.00	20.72 -0.23 0.00	21.53 0.00 0.00	21.78 0.17 0.00	24.87 0.37 0.00	27.46 0.38 0.00	29.43 0.32 0.00	29.69 0.21 0.00	30.96 0.40 0.00	32.06 0.13 0.00	31.81 0.35 0.00	31.98 0.28 0.00	32.87 0.16 0.00	33.77 0.10 0.00	36.96 0.37 0.00	40.39 0.79 0.00	39.26 0.77 0.00	37.95 0.60 0.00	35.02 0.35 0.00	32.38 0.19 0.00	28.18 0.36 0.00	24.65 0.17 0.00
BARRETT_IC_1 23704	30.22 2.21 -3.16	25.93 1.89 -1.49	25.29 1.77 -1.71	22.62 1.65 -0.02	23.29 1.74 -0.01	23.53 1.79 -0.13	26.79 2.16 -0.13	29.71 2.63 -0.01	31.76 2.65 0.00	32.16 2.68 0.00	34.24 2.60 -1.08	37.15 3.10 -2.12	37.94 3.09 -3.39	41.77 3.14 -6.93	41.30 3.30 -5.29	40.95 3.47 -3.82	44.80 3.84 -4.37	48.80 4.43 -4.78	45.25 4.20 -2.57	43.25 4.04 -1.86	39.53 3.71 -1.15	37.86 3.19 -2.48	30.75 2.92 -0.01	29.35 2.50 -2.38
BARRETT_IC_10 23701	30.22 2.21 -3.16	25.93 1.89 -1.49	25.29 1.77 -1.71	22.62 1.65 -0.02	23.29 1.74 -0.01	23.53 1.79 -0.13	26.79 2.16 -0.13	29.71 2.63 -0.01	31.76 2.65 0.00	32.16 2.68 0.00	34.24 2.60 -1.08	37.15 3.10 -2.12	37.94 3.09 -3.39	41.77 3.14 -6.93	41.30 3.30 -5.29	40.95 3.47 -3.82	44.80 3.84 -4.37	48.80 4.43 -4.78	45.25 4.20 -2.57	43.25 4.04 -1.86	39.53 3.71 -1.15	37.86 3.19 -2.48	30.75 2.92 -0.01	29.35 2.50 -2.38
BARRETT_IC_11 23702	30.22 2.21 -3.16	25.93 1.89 -1.49	25.29 1.77 -1.71	22.62 1.65 -0.02	23.29 1.74 -0.01	23.53 1.79 -0.13	26.79 2.16 -0.13	29.71 2.63 -0.01	31.76 2.65 0.00	32.16 2.68 0.00	34.24 2.60 -1.08	37.15 3.10 -2.12	37.94 3.09 -3.39	41.77 3.14 -6.93	41.30 3.30 -5.29	40.95 3.47 -3.82	44.80 3.84 -4.37	48.80 4.43 -4.78	45.25 4.20 -2.57	43.25 4.04 -1.86	39.53 3.71 -1.15	37.86 3.19 -2.48	30.75 2.92 -0.01	29.35 2.50 -2.38
BARRETT_IC_12 23703	30.22 2.21 -3.16	25.93 1.89 -1.49	25.29 1.77 -1.71	22.62 1.65 -0.02	23.29 1.74 -0.01	23.53 1.79 -0.13	26.79 2.16 -0.13	29.71 2.63 -0.01	31.76 2.65 0.00	32.16 2.68 0.00	34.24 2.60 -1.08	37.15 3.10 -2.12	37.94 3.09 -3.39	41.77 3.14 -6.93	41.30 3.30 -5.29	40.95 3.47 -3.82	44.80 3.84 -4.37	48.80 4.43 -4.78	45.25 4.20 -2.57	43.25 4.04 -1.86	39.53 3.71 -1.15	37.86 3.19 -2.48	30.75 2.92 -0.01	29.35 2.50 -2.38
BARRETT_IC_2 23705	30.22 2.21 -3.16	25.93 1.89 -1.49	25.29 1.77 -1.71	22.62 1.65 -0.02	23.29 1.74 -0.01	23.53 1.79 -0.13	26.79 2.16 -0.13	29.71 2.63 -0.01	31.76 2.65 0.00	32.16 2.68 0.00	34.24 2.60 -1.08	37.15 3.10 -2.12	37.94 3.09 -3.39	41.77 3.14 -6.93	41.30 3.30 -5.29	40.95 3.47 -3.82	44.80 3.84 -4.37	48.80 4.43 -4.78	45.25 4.20 -2.57	43.25 4.04 -1.86	39.53 3.71 -1.15	37.86 3.19 -2.48	30.75 2.92 -0.01	29.35 2.50 -2.38
BARRETT_IC_3 23706	30.22 2.21 -3.16	25.93 1.89 -1.49	25.29 1.77 -1.71	22.62 1.65 -0.02	23.29 1.74 -0.01	23.53 1.79 -0.13	26.79 2.16 -0.13	29.71 2.63 -0.01	31.76 2.65 0.00	32.16 2.68 0.00	34.24 2.60 -1.08	37.15 3.10 -2.12	37.94 3.09 -3.39	41.77 3.14 -6.93	41.30 3.30 -5.29	40.95 3.47 -3.82	44.80 3.84 -4.37	48.80 4.43 -4.78	45.25 4.20 -2.57	43.25 4.04 -1.86	39.53 3.71 -1.15	37.86 3.19 -2.48	30.75 2.92 -0.01	29.35 2.50 -2.38
BARRETT_IC_4 23707	30.22 2.21 -3.16	25.93 1.89 -1.49	25.29 1.77 -1.71	22.62 1.65 -0.02	23.29 1.74 -0.01	23.53 1.79 -0.13	26.79 2.16 -0.13	29.71 2.63 -0.01	31.76 2.65 0.00	32.16 2.68 0.00	34.24 2.60 -1.08	37.15 3.10 -2.12	37.94 3.09 -3.39	41.77 3.14 -6.93	41.30 3.30 -5.29	40.95 3.47 -3.82	44.80 3.84 -4.37	48.80 4.43 -4.78	45.25 4.20 -2.57	43.25 4.04 -1.86	39.53 3.71 -1.15	37.86 3.19 -2.48	30.75 2.92 -0.01	29.35 2.50 -2.38

BARRETT_IC_5 23708	30.22 2.21 -3.16	25.93 1.89 -1.49	25.29 1.77 -1.71	22.62 1.65 -0.02	23.29 1.74 -0.01	23.53 1.79 -0.13	26.79 2.16 -0.13	29.71 2.63 -0.01	31.76 2.65 0.00	32.16 2.68 0.00	34.24 2.60 -1.08	37.15 3.10 -2.12	37.94 3.09 -3.39	41.77 3.14 -6.93	41.30 3.30 -5.29	40.95 3.47 -3.82	44.80 3.84 -4.37	48.80 4.43 -4.78	45.25 4.20 -2.57	43.25 4.04 -1.86	39.53 3.71 -1.15	37.86 3.19 -2.48	30.75 2.92 -0.01	29.35 2.50 -2.38
BARRETT_IC_6 23709	30.22 2.21 -3.16	25.93 1.89 -1.49	25.29 1.77 -1.71	22.62 1.65 -0.02	23.29 1.74 -0.01	23.53 1.79 -0.13	26.79 2.16 -0.13	29.71 2.63 -0.01	31.76 2.65 0.00	32.16 2.68 0.00	34.24 2.60 -1.08	37.15 3.10 -2.12	37.94 3.09 -3.39	41.77 3.14 -6.93	41.30 3.30 -5.29	40.95 3.47 -3.82	44.80 3.84 -4.37	48.80 4.43 -4.78	45.25 4.20 -2.57	43.25 4.04 -1.86	39.53 3.71 -1.15	37.86 3.19 -2.48	30.75 2.92 -0.01	29.35 2.50 -2.38
BARRETT_IC_7 23710	30.19 2.19 -3.16	25.96 1.92 -1.49	25.31 1.79 -1.71	22.67 1.70 -0.02	23.32 1.79 0.00	23.55 1.81 -0.13	26.79 2.16 -0.13	29.70 2.63 0.00	31.76 2.65 0.00	32.16 2.68 0.00	34.18 2.54 -1.08	37.08 3.03 -2.12	37.93 3.08 -3.38	41.80 3.17 -6.93	41.33 3.34 -5.29	40.98 3.50 -3.82	44.94 3.99 -4.36	48.84 4.47 -4.77	45.24 4.20 -2.56	43.24 4.03 -1.85	39.49 3.67 -1.15	37.89 3.22 -2.48	30.74 2.92 0.00	29.40 2.55 -2.38
BARRETT_IC_8 23711	30.22 2.21 -3.16	25.93 1.89 -1.49	25.29 1.77 -1.71	22.62 1.65 -0.02	23.29 1.74 -0.01	23.53 1.79 -0.13	26.79 2.16 -0.13	29.71 2.63 -0.01	31.76 2.65 0.00	32.16 2.68 0.00	34.24 2.60 -1.08	37.15 3.10 -2.12	37.94 3.09 -3.39	41.77 3.14 -6.93	41.30 3.30 -5.29	40.95 3.47 -3.82	44.80 3.84 -4.37	48.80 4.43 -4.78	45.25 4.20 -2.57	43.25 4.04 -1.86	39.53 3.71 -1.15	37.86 3.19 -2.48	30.75 2.92 -0.01	29.35 2.50 -2.38
BARRETT_IC_9 23700	30.22 2.21 -3.16	25.93 1.89 -1.49	25.29 1.77 -1.71	22.62 1.65 -0.02	23.29 1.74 -0.01	23.53 1.79 -0.13	26.79 2.16 -0.13	29.71 2.63 -0.01	31.76 2.65 0.00	32.16 2.68 0.00	34.24 2.60 -1.08	37.15 3.10 -2.12	37.94 3.09 -3.39	41.77 3.14 -6.93	41.30 3.30 -5.29	40.95 3.47 -3.82	44.80 3.84 -4.37	48.80 4.43 -4.78	45.25 4.20 -2.57	43.25 4.04 -1.86	39.53 3.71 -1.15	37.86 3.19 -2.48	30.75 2.92 -0.01	29.35 2.50 -2.38
BARRETT___1 23545	30.22 2.21 -3.16	25.93 1.89 -1.49	25.29 1.77 -1.71	22.62 1.65 -0.02	23.29 1.74 -0.01	23.53 1.79 -0.13	26.79 2.16 -0.13	29.71 2.63 -0.01	31.76 2.65 0.00	32.16 2.68 0.00	34.24 2.60 -1.08	37.15 3.10 -2.12	37.94 3.09 -3.39	41.77 3.14 -6.93	41.30 3.30 -5.29	40.95 3.47 -3.82	44.80 3.84 -4.37	48.80 4.43 -4.78	45.25 4.20 -2.57	43.25 4.04 -1.86	39.53 3.71 -1.15	37.86 3.19 -2.48	30.75 2.92 -0.01	29.35 2.50 -2.38
BARRETT___2 23546	30.22 2.21 -3.16	25.93 1.89 -1.49	25.29 1.77 -1.71	22.62 1.65 -0.02	23.29 1.74 -0.01	23.53 1.79 -0.13	26.79 2.16 -0.13	29.71 2.63 -0.01	31.76 2.65 0.00	32.16 2.68 0.00	34.24 2.60 -1.08	37.15 3.10 -2.12	37.94 3.09 -3.39	41.77 3.14 -6.93	41.30 3.30 -5.29	40.95 3.47 -3.82	44.80 3.84 -4.37	48.80 4.43 -4.78	45.25 4.20 -2.57	43.25 4.04 -1.86	39.53 3.71 -1.15	37.86 3.19 -2.48	30.75 2.92 -0.01	29.35 2.50 -2.38
BATAVIA___115KV_TB1 55881	25.42 0.57 0.00	22.80 0.25 0.00	21.79 -0.02 0.00	20.81 -0.15 0.00	21.69 0.15 0.00	21.93 0.32 0.00	24.97 0.47 0.00	27.65 0.57 0.00	29.64 0.52 0.00	29.89 0.41 0.00	31.24 0.67 0.00	32.35 0.42 0.00	32.19 0.72 0.00	32.27 0.57 0.00	33.33 0.62 0.00	34.07 0.40 0.00	37.58 0.99 0.00	40.90 1.31 0.00	39.95 1.46 0.00	38.44 1.08 0.00	35.22 0.55 0.00	32.61 0.42 0.00	28.27 0.45 0.00	24.92 0.44 0.00
BAYONEEC___CTG1 323682	26.66 1.81 0.00	24.08 1.53 0.00	23.21 1.40 0.00	22.23 1.28 0.00	22.85 1.31 0.00	23.03 1.43 0.00	26.26 1.76 0.00	29.30 2.22 0.00	31.68 2.56 0.00	32.02 2.54 0.00	34.37 2.72 -1.09	37.07 3.00 -2.13	37.83 2.96 -3.41	38.48 3.04 -3.74	39.79 3.17 -3.91	40.80 3.30 -3.83	44.65 3.66 -4.40	48.69 4.28 -4.82	45.04 3.97 -2.58	42.99 3.77 -1.86	39.14 3.57 -0.90	35.31 3.12 0.00	30.38 2.56 0.00	26.70 2.23 0.00
BAYONEEC___CTG10 323750	26.66 1.81 0.00	24.08 1.53 0.00	23.21 1.40 0.00	22.23 1.28 0.00	22.85 1.31 0.00	23.03 1.43 0.00	26.26 1.76 0.00	29.30 2.22 0.00	31.68 2.56 0.00	32.02 2.54 0.00	34.37 2.72 -1.09	37.07 3.00 -2.13	37.83 2.96 -3.41	38.48 3.04 -3.74	39.79 3.17 -3.91	40.80 3.30 -3.83	44.65 3.66 -4.40	48.69 4.28 -4.82	45.04 3.97 -2.58	42.99 3.77 -1.86	39.14 3.57 -0.90	35.31 3.12 0.00	30.38 2.56 0.00	26.70 2.23 0.00
BAYONEEC___CTG2 323683	26.66 1.81 0.00	24.08 1.53 0.00	23.21 1.40 0.00	22.23 1.28 0.00	22.85 1.31 0.00	23.03 1.43 0.00	26.26 1.76 0.00	29.30 2.22 0.00	31.68 2.56 0.00	32.02 2.54 0.00	34.37 2.72 -1.09	37.07 3.00 -2.13	37.83 2.96 -3.41	38.48 3.04 -3.74	39.79 3.17 -3.91	40.80 3.30 -3.83	44.65 3.66 -4.40	48.69 4.28 -4.82	45.04 3.97 -2.58	42.99 3.77 -1.86	39.14 3.57 -0.90	35.31 3.12 0.00	30.38 2.56 0.00	26.70 2.23 0.00
BAYONEEC___CTG3 323684	26.66 1.81 0.00	24.08 1.53 0.00	23.21 1.40 0.00	22.23 1.28 0.00	22.85 1.31 0.00	23.03 1.43 0.00	26.26 1.76 0.00	29.30 2.22 0.00	31.68 2.56 0.00	32.02 2.54 0.00	34.37 2.72 -1.09	37.07 3.00 -2.13	37.83 2.96 -3.41	38.48 3.04 -3.74	39.79 3.17 -3.91	40.80 3.30 -3.83	44.65 3.66 -4.40	48.69 4.28 -4.82	45.04 3.97 -2.58	42.99 3.77 -1.86	39.14 3.57 -0.90	35.31 3.12 0.00	30.38 2.56 0.00	26.70 2.23 0.00
BAYONEEC___CTG4 323685	26.66 1.81 0.00	24.08 1.53 0.00	23.21 1.40 0.00	22.23 1.28 0.00	22.85 1.31 0.00	23.03 1.43 0.00	26.26 1.76 0.00	29.30 2.22 0.00	31.68 2.56 0.00	32.02 2.54 0.00	34.37 2.72 -1.09	37.07 3.00 -2.13	37.83 2.96 -3.41	38.48 3.04 -3.74	39.79 3.17 -3.91	40.80 3.30 -3.83	44.65 3.66 -4.40	48.69 4.28 -4.82	45.04 3.97 -2.58	42.99 3.77 -1.86	39.14 3.57 -0.90	35.31 3.12 0.00	30.38 2.56 0.00	26.70 2.23 0.00
BAYONEEC___CTG5 323686	26.66 1.81 0.00	24.08 1.53 0.00	23.21 1.40 0.00	22.23 1.28 0.00	22.85 1.31 0.00	23.03 1.43 0.00	26.26 1.76 0.00	29.30 2.22 0.00	31.68 2.56 0.00	32.02 2.54 0.00	34.37 2.72 -1.09	37.07 3.00 -2.13	37.83 2.96 -3.41	38.48 3.04 -3.74	39.79 3.17 -3.91	40.80 3.30 -3.83	44.65 3.66 -4.40	48.69 4.28 -4.82	45.04 3.97 -2.58	42.99 3.77 -1.86	39.14 3.57 -0.90	35.31 3.12 0.00	30.38 2.56 0.00	26.70 2.23 0.00
BAYONEEC___CTG6 323687	26.66 1.81 0.00	24.08 1.53 0.00	23.21 1.40 0.00	22.23 1.28 0.00	22.85 1.31 0.00	23.03 1.43 0.00	26.26 1.76 0.00	29.30 2.22 0.00	31.68 2.56 0.00	32.02 2.54 0.00	34.37 2.72 -1.09	37.07 3.00 -2.13	37.83 2.96 -3.41	38.48 3.04 -3.74	39.79 3.17 -3.91	40.80 3.30 -3.83	44.65 3.66 -4.40	48.69 4.28 -4.82	45.04 3.97 -2.58	42.99 3.77 -1.86	39.14 3.57 -0.90	35.31 3.12 0.00	30.38 2.56 0.00	26.70 2.23 0.00

BAYONEEC___CTG7 323688	26.66 1.81 0.00	24.08 1.53 0.00	23.21 1.40 0.00	22.23 1.28 0.00	22.85 1.31 0.00	23.03 1.43 0.00	26.26 1.76 0.00	29.30 2.22 0.00	31.68 2.56 0.00	32.02 2.54 0.00	34.37 2.72 -1.09	37.07 3.00 -2.13	37.83 2.96 -3.41	38.48 3.04 -3.74	39.79 3.17 -3.91	40.80 3.30 -3.83	44.65 3.66 -4.40	48.69 4.28 -4.82	45.04 3.97 -2.58	42.99 3.77 -1.86	39.14 3.57 -0.90	35.31 3.12 0.00	30.38 2.56 0.00	26.70 2.23 0.00
BAYONEEC___CTG8 323689	26.66 1.81 0.00	24.08 1.53 0.00	23.21 1.40 0.00	22.23 1.28 0.00	22.85 1.31 0.00	23.03 1.43 0.00	26.26 1.76 0.00	29.30 2.22 0.00	31.68 2.56 0.00	32.02 2.54 0.00	34.37 2.72 -1.09	37.07 3.00 -2.13	37.83 2.96 -3.41	38.48 3.04 -3.74	39.79 3.17 -3.91	40.80 3.30 -3.83	44.65 3.66 -4.40	48.69 4.28 -4.82	45.04 3.97 -2.58	42.99 3.77 -1.86	39.14 3.57 -0.90	35.31 3.12 0.00	30.38 2.56 0.00	26.70 2.23 0.00
BAYONEEC___CTG9 323749	26.66 1.81 0.00	24.08 1.53 0.00	23.21 1.40 0.00	22.23 1.28 0.00	22.85 1.31 0.00	23.03 1.43 0.00	26.26 1.76 0.00	29.30 2.22 0.00	31.68 2.56 0.00	32.02 2.54 0.00	34.37 2.72 -1.09	37.07 3.00 -2.13	37.83 2.96 -3.41	38.48 3.04 -3.74	39.79 3.17 -3.91	40.80 3.30 -3.83	44.65 3.66 -4.40	48.69 4.28 -4.82	45.04 3.97 -2.58	42.99 3.77 -1.86	39.14 3.57 -0.90	35.31 3.12 0.00	30.38 2.56 0.00	26.70 2.23 0.00
BEACON___LESR 323632	25.76 0.92 0.00	23.36 0.81 0.00	22.66 0.85 0.00	21.77 0.82 0.00	22.40 0.86 0.00	22.47 0.87 0.00	25.41 0.91 0.00	28.11 1.03 0.00	30.22 1.11 0.00	30.66 1.18 0.00	31.79 1.22 0.00	33.21 1.28 0.00	32.66 1.20 0.00	32.87 1.17 0.00	33.88 1.18 0.00	34.81 1.15 0.00	37.39 1.32 0.52	41.65 1.62 -0.43	40.18 1.69 0.00	39.08 1.72 0.00	36.38 1.63 -0.08	33.57 1.38 0.00	28.88 1.06 0.00	25.41 0.93 0.00
BEAVER RIVER___HYD 24048	24.84 0.32 0.33	22.64 0.09 0.00	21.88 0.07 0.00	21.00 0.04 0.00	21.81 0.28 0.00	21.91 0.30 0.00	25.02 0.52 0.00	27.67 0.59 0.00	29.64 0.52 0.00	29.89 0.41 0.00	30.78 0.22 0.00	32.13 0.19 0.00	31.62 0.16 0.00	30.06 -0.16 1.48	29.03 0.16 3.84	29.74 0.17 4.10	31.63 -0.07 4.89	34.06 0.20 5.73	33.44 0.27 5.32	36.72 0.37 1.01	35.15 0.49 0.00	32.51 0.32 0.00	28.16 0.34 0.00	24.72 0.24 0.00
BEEBEE_GT_13 23619	25.09 0.25 0.00	22.57 0.02 0.00	21.64 -0.17 0.00	20.70 -0.25 0.00	21.47 -0.06 0.00	21.67 0.06 0.00	24.65 0.15 0.00	27.29 0.22 0.00	29.32 0.20 0.00	29.66 0.18 0.00	30.93 0.37 0.00	32.16 0.22 0.00	31.87 0.41 0.00	31.98 0.29 0.00	33.06 0.36 0.00	33.90 0.24 0.00	37.18 0.59 0.00	40.39 0.79 0.00	39.34 0.85 0.00	37.92 0.56 0.00	34.88 0.21 0.00	32.29 0.10 0.00	27.93 0.11 0.00	24.55 0.07 0.00
BENSHRST_27_KV_BENSHRST_1 355998	27.04 2.19 -0.01	24.48 1.92 -0.01	23.56 1.74 -0.01	22.53 1.57 0.00	23.17 1.64 0.00	23.27 1.66 0.00	26.51 2.01 0.00	29.57 2.49 0.00	31.97 2.85 0.00	32.37 2.89 0.00	34.71 3.06 -1.09	37.45 3.39 -2.13	38.27 3.40 -3.41	39.02 3.58 -3.74	40.18 3.56 -3.91	41.27 3.77 -3.83	45.27 4.28 -4.40	49.20 4.79 -4.82	45.54 4.46 -2.58	43.48 4.26 -1.86	40.57 4.23 -1.67	35.94 3.64 -0.11	30.81 2.98 -0.02	27.15 2.67 -0.01
BETHLEHEM___GRP 23843	25.29 0.45 0.00	23.02 0.47 0.00	22.36 0.55 0.00	21.50 0.54 0.00	22.09 0.56 0.00	22.17 0.56 0.00	24.99 0.49 0.00	27.62 0.54 0.00	29.72 0.61 0.00	30.13 0.65 0.00	31.27 0.70 0.00	32.64 0.70 0.00	32.09 0.63 0.00	32.36 0.67 0.00	33.33 0.62 0.00	34.24 0.57 0.00	36.88 0.77 0.48	40.89 0.87 -0.43	39.37 0.89 0.00	38.33 0.97 0.00	35.72 0.97 -0.08	32.99 0.80 0.00	28.41 0.58 0.00	25.04 0.56 0.00
BETHLEHEM___GS1 323560	25.34 0.50 0.00	23.00 0.45 0.00	22.33 0.52 0.00	21.48 0.52 0.00	22.07 0.54 0.00	22.14 0.54 0.00	24.99 0.49 0.00	27.62 0.54 0.00	29.73 0.61 0.00	30.13 0.65 0.00	31.27 0.70 0.00	32.67 0.74 0.00	32.09 0.63 0.00	32.33 0.63 0.00	33.36 0.65 0.00	34.27 0.61 0.00	36.81 0.69 0.48	40.93 0.91 -0.43	39.41 0.92 0.00	38.37 1.01 0.00	35.72 0.97 -0.08	32.99 0.81 0.00	28.41 0.59 0.00	25.01 0.54 0.00
BETHLEHEM___GS2 323561	25.34 0.50 0.00	23.00 0.45 0.00	22.33 0.52 0.00	21.48 0.52 0.00	22.07 0.54 0.00	22.14 0.54 0.00	24.99 0.49 0.00	27.62 0.54 0.00	29.73 0.61 0.00	30.13 0.65 0.00	31.27 0.70 0.00	32.67 0.74 0.00	32.09 0.63 0.00	32.33 0.63 0.00	33.36 0.65 0.00	34.27 0.61 0.00	36.81 0.69 0.48	40.93 0.91 -0.43	39.41 0.92 0.00	38.37 1.01 0.00	35.72 0.97 -0.08	32.99 0.81 0.00	28.41 0.59 0.00	25.01 0.54 0.00
BETHLEHEM___GS3 323562	25.34 0.50 0.00	23.00 0.45 0.00	22.33 0.52 0.00	21.48 0.52 0.00	22.07 0.54 0.00	22.14 0.54 0.00	24.99 0.49 0.00	27.62 0.54 0.00	29.73 0.61 0.00	30.13 0.65 0.00	31.27 0.70 0.00	32.67 0.74 0.00	32.09 0.63 0.00	32.33 0.63 0.00	33.36 0.65 0.00	34.27 0.61 0.00	36.81 0.69 0.48	40.93 0.91 -0.43	39.41 0.92 0.00	38.37 1.01 0.00	35.72 0.97 -0.08	32.99 0.81 0.00	28.41 0.59 0.00	25.01 0.54 0.00
BETHLEHEM___STEEL 23779	25.14 0.30 0.00	22.60 0.05 0.00	21.59 -0.22 0.00	20.62 -0.34 0.00	21.47 -0.06 0.00	21.76 0.15 0.00	24.72 0.22 0.00	27.24 0.16 0.00	29.23 0.12 0.00	29.51 0.03 0.00	30.87 0.31 0.00	31.93 0.00 0.00	31.84 0.38 0.00	31.98 0.29 0.00	33.03 0.33 0.00	33.73 0.07 0.00	37.25 0.66 0.00	40.54 0.95 0.00	39.53 1.04 0.00	38.03 0.67 0.00	34.84 0.17 0.00	32.25 0.06 0.00	28.04 0.22 0.00	24.82 0.34 0.00
BETHLHEM_115KV_TB1 79974	25.34 0.50 0.00	23.05 0.50 0.00	22.38 0.57 0.00	21.52 0.57 0.00	22.12 0.58 0.00	22.19 0.58 0.00	25.04 0.54 0.00	27.67 0.60 0.00	29.78 0.67 0.00	30.19 0.71 0.00	31.33 0.76 0.00	32.73 0.80 0.00	32.19 0.72 0.00	32.43 0.73 0.00	33.42 0.72 0.00	34.34 0.67 0.00	37.02 0.88 0.45	41.01 0.99 -0.43	39.49 1.00 0.00	38.44 1.08 0.00	35.79 1.04 -0.08	33.06 0.87 0.00	28.49 0.67 0.00	25.09 0.61 0.00
BETHPAGE_CC_5 323564	30.49 2.48 -3.16	26.18 2.14 -1.49	25.53 2.01 -1.71	22.86 1.89 -0.02	23.52 1.98 -0.01	23.76 2.03 -0.13	27.08 2.45 -0.13	30.04 2.95 -0.01	31.94 2.82 0.00	32.31 2.83 0.00	34.48 2.84 -1.08	37.40 3.35 -2.12	38.25 3.40 -3.39	42.16 3.46 -7.01	41.65 3.57 -5.38	42.31 3.74 -4.91	48.39 4.13 -7.67	53.54 4.71 -9.24	50.69 4.46 -7.73	48.52 4.29 -6.87	41.03 3.99 -2.38	38.81 3.45 -3.18	30.95 3.12 -0.01	29.60 2.74 -2.38
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	25.22 0.37 0.00	22.64 0.09 0.00	21.66 -0.15 0.00	20.68 -0.27 0.00	21.53 0.00 0.00	21.82 0.22 0.00	24.82 0.32 0.00	27.32 0.24 0.00	29.32 0.20 0.00	29.60 0.12 0.00	30.99 0.43 0.00	32.06 0.13 0.00	31.97 0.50 0.00	32.14 0.44 0.00	33.16 0.46 0.00	33.87 0.20 0.00	37.43 0.84 0.00	40.70 1.11 0.00	39.68 1.19 0.00	38.18 0.82 0.00	34.98 0.31 0.00	32.38 0.19 0.00	28.13 0.31 0.00	24.92 0.44 0.00

BINGHAMTON___COGEN 23790	25.37 0.52 0.00	22.93 0.38 0.00	22.10 0.28 0.00	21.20 0.25 0.00	21.90 0.37 0.00	22.04 0.43 0.00	25.06 0.56 0.00	27.70 0.62 0.00	29.75 0.64 0.00	30.13 0.65 0.00	31.24 0.67 0.00	32.60 0.67 0.00	32.22 0.76 0.00	32.43 0.73 0.00	33.49 0.78 0.00	34.44 0.77 0.00	37.65 1.06 0.00	40.68 1.23 0.14	39.68 1.19 0.00	38.44 1.08 0.00	35.51 0.87 0.03	32.93 0.74 0.00	28.46 0.64 0.00	25.01 0.54 0.00
BIXINCNT_115KV_LOAD 355685	25.04 0.20 0.00	22.51 -0.05 0.00	21.53 -0.28 0.00	20.60 -0.36 0.00	21.45 -0.09 0.00	21.69 0.09 0.00	24.82 0.32 0.00	27.35 0.27 0.00	29.32 0.20 0.00	29.57 0.09 0.00	30.84 0.28 0.00	31.93 0.00 0.00	31.78 0.31 0.00	32.08 0.38 0.00	33.10 0.39 0.00	33.83 0.17 0.00	37.40 0.80 0.00	40.66 1.07 0.00	39.57 1.08 0.00	38.14 0.78 0.00	34.98 0.31 0.00	32.35 0.16 0.00	28.04 0.22 0.00	24.79 0.32 0.00
BLACK RIVER___HYD 24047	25.14 0.52 0.22	22.80 0.25 0.00	22.03 0.22 0.00	21.14 0.19 0.00	21.94 0.41 0.00	22.04 0.43 0.00	25.21 0.71 0.00	27.86 0.79 0.00	29.78 0.67 0.00	30.13 0.65 0.00	30.96 0.40 0.00	32.35 0.41 0.00	31.81 0.35 0.00	30.80 0.13 1.02	30.38 0.33 2.65	31.24 0.41 2.83	33.40 0.18 3.37	36.08 0.44 3.95	35.40 0.58 3.67	37.41 0.75 0.70	35.50 0.83 0.00	32.77 0.58 0.00	28.35 0.53 0.00	24.84 0.37 0.00
BLACKRVR_115KV_TB2 79977	25.12 0.50 0.22	22.80 0.25 0.00	22.03 0.22 0.00	21.14 0.19 0.00	21.94 0.41 0.00	22.04 0.43 0.00	25.21 0.71 0.00	27.86 0.79 0.00	29.78 0.67 0.00	30.13 0.65 0.00	30.96 0.40 0.00	32.35 0.42 0.00	31.81 0.35 0.00	30.77 0.10 1.02	30.38 0.33 2.65	31.24 0.40 2.83	33.51 0.29 3.37	36.08 0.44 3.95	35.43 0.62 3.67	37.41 0.75 0.70	35.50 0.83 0.00	32.77 0.58 0.00	28.35 0.53 0.00	24.87 0.39 0.00
BLISS_WT_PWR 323608	24.99 0.15 0.00	22.39 -0.16 0.00	21.44 -0.37 0.00	20.51 -0.44 0.00	21.36 -0.17 0.00	21.60 0.00 0.00	24.74 0.24 0.00	27.27 0.19 0.00	29.23 0.12 0.00	29.48 0.00 0.00	30.87 0.31 0.00	31.84 -0.10 0.00	31.62 0.16 0.00	32.05 0.35 0.00	32.94 0.23 0.00	33.73 0.07 0.00	36.99 0.40 0.00	40.46 0.87 0.00	39.33 0.85 0.00	37.95 0.60 0.00	34.88 0.21 0.00	32.19 0.00 0.00	27.93 0.11 0.00	24.45 -0.02 0.00
BLUESTONE___WT_PWR 323821	26.41 1.57 0.00	23.81 1.26 0.00	22.99 1.18 0.00	22.04 1.09 0.00	22.78 1.25 0.00	22.88 1.27 0.00	26.17 1.67 0.00	29.05 1.98 0.00	31.18 2.07 0.00	31.60 2.12 0.00	32.67 2.11 0.00	34.14 2.20 0.00	33.63 2.17 0.00	33.82 2.12 0.00	34.86 2.16 0.00	35.99 2.32 0.00	39.23 2.60 -0.04	42.23 2.97 0.33	41.45 2.96 0.00	40.23 2.88 0.00	37.31 2.71 0.06	34.44 2.25 0.00	29.74 1.92 0.00	26.07 1.59 0.00
BLUE_CIRC_CHEM_DRP 24182	25.59 0.75 0.00	23.27 0.72 0.00	22.57 0.76 0.00	21.71 0.75 0.00	22.31 0.78 0.00	22.36 0.76 0.00	25.26 0.76 0.00	27.92 0.84 0.00	30.02 0.90 0.00	30.39 0.91 0.00	31.51 0.95 0.00	32.89 0.96 0.00	32.34 0.88 0.00	32.55 0.86 0.00	33.52 0.82 0.00	34.47 0.81 0.00	37.34 1.06 0.31	41.25 1.27 -0.39	39.80 1.31 0.00	38.74 1.38 0.00	36.09 1.35 -0.07	33.35 1.16 0.00	28.71 0.89 0.00	25.31 0.83 0.00
BOC_GAS_DRP 24189	25.44 0.60 0.00	23.09 0.54 0.00	22.40 0.59 0.00	21.54 0.59 0.00	22.14 0.60 0.00	22.19 0.58 0.00	25.09 0.59 0.00	27.78 0.70 0.00	29.90 0.79 0.00	30.28 0.80 0.00	31.42 0.86 0.00	32.86 0.93 0.00	32.34 0.88 0.00	32.62 0.92 0.00	33.62 0.92 0.00	34.61 0.94 0.00	37.46 1.13 0.27	41.27 1.27 -0.41	39.72 1.23 0.00	38.59 1.23 0.00	35.92 1.18 -0.08	33.19 1.00 0.00	28.63 0.81 0.00	25.21 0.73 0.00
BOONVILLE_115KV_TB1 79983	25.53 0.77 0.08	23.09 0.54 0.00	22.31 0.50 0.00	21.41 0.46 0.00	22.18 0.65 0.00	22.25 0.65 0.00	25.36 0.86 0.00	28.11 1.03 0.00	30.16 1.05 0.00	30.48 1.00 0.00	31.51 0.95 0.00	32.89 0.96 0.00	32.37 0.91 0.00	32.06 0.73 0.37	32.70 0.95 0.95	33.66 1.01 1.02	36.40 1.02 1.21	39.40 1.23 1.42	38.44 1.27 1.32	38.38 1.27 0.25	35.92 1.25 0.00	33.22 1.03 0.00	28.68 0.86 0.00	25.19 0.71 0.00
BORALEX_4TH_BRANCH 23824	26.23 1.39 0.00	23.93 1.38 0.00	23.10 1.29 0.00	22.19 1.24 0.00	22.81 1.27 0.00	22.99 1.38 0.00	25.90 1.40 0.00	28.59 1.52 0.00	30.83 1.72 0.00	31.25 1.77 0.00	32.70 1.89 -0.24	34.23 1.82 -0.47	33.79 1.57 -0.76	34.18 1.65 -0.83	35.18 1.60 -0.87	36.00 1.48 -0.85	38.37 1.76 -0.02	42.07 1.98 -0.50	41.03 1.96 -0.57	39.97 2.20 -0.41	36.95 2.18 -0.09	34.12 1.93 0.00	29.41 1.59 0.00	25.97 1.49 0.00
BOWLINE___1 23526	26.31 1.47 0.00	23.77 1.22 0.00	22.92 1.11 0.00	22.00 1.05 0.00	22.61 1.08 0.00	22.75 1.14 0.00	25.92 1.42 0.00	28.81 1.73 0.00	31.09 1.98 0.00	31.42 1.95 0.00	31.96 2.11 0.71	32.91 2.36 1.39	31.57 2.33 2.22	31.70 2.44 2.44	32.71 2.55 2.55	33.83 2.66 2.50	37.04 3.00 2.55	51.52 3.49 -8.45	40.04 3.23 1.68	39.24 3.10 1.22	39.13 2.88 -1.58	34.63 2.45 0.00	29.85 2.03 0.00	26.24 1.76 0.00
BOWLINE___2 23595	26.31 1.47 0.00	23.77 1.22 0.00	22.92 1.11 0.00	22.00 1.05 0.00	22.61 1.08 0.00	22.75 1.14 0.00	25.92 1.42 0.00	28.81 1.73 0.00	31.09 1.98 0.00	31.42 1.95 0.00	31.96 2.11 0.71	32.91 2.36 1.39	31.57 2.33 2.22	31.70 2.44 2.43	32.71 2.55 2.55	33.83 2.66 2.50	37.05 3.00 2.55	51.59 3.49 -8.51	40.04 3.23 1.68	39.24 3.10 1.21	39.14 2.88 -1.59	34.63 2.45 0.00	29.85 2.03 0.00	26.24 1.76 0.00
BRADY___115KV_TB2 356060	22.91 -0.87 1.07	21.85 -0.70 0.00	21.20 -0.61 0.00	20.35 -0.61 0.00	20.89 -0.65 0.00	20.96 -0.65 0.00	23.86 -0.64 0.00	26.40 -0.68 0.00	28.30 -0.82 0.00	28.54 -0.94 0.00	29.37 -1.19 0.00	30.69 -1.25 0.00	30.20 -1.26 0.00	25.50 -1.33 4.86	18.79 -1.31 12.61	18.86 -1.35 13.45	19.03 -1.50 16.06	18.97 -1.82 18.81	19.09 -1.92 17.47	32.13 -1.91 3.32	33.14 -1.53 0.00	30.87 -1.32 0.00	26.82 -1.00 0.00	23.62 -0.86 0.00
BRANSCOMB___SOLAR 323811	26.44 1.59 0.00	23.97 1.42 0.00	23.16 1.35 0.00	22.25 1.30 0.00	22.89 1.36 0.00	22.97 1.36 0.00	26.07 1.57 0.00	28.81 1.73 0.00	31.03 1.92 0.00	31.49 2.01 0.00	32.30 1.74 0.00	33.72 1.79 0.00	33.16 1.70 0.00	33.41 1.71 0.00	34.27 1.57 0.00	35.25 1.58 0.00	37.82 1.76 0.52	41.99 1.98 -0.41	40.80 2.31 0.00	39.75 2.39 0.00	37.03 2.29 -0.08	34.19 2.00 0.00	29.66 1.84 0.00	26.09 1.62 0.00
BRENTWOD_69_KV_W. BRTWOOD 56703	30.76 2.76 -3.16	26.50 2.46 -1.49	25.82 2.29 -1.71	23.15 2.18 -0.02	23.82 2.28 0.00	24.09 2.35 -0.13	27.40 2.77 -0.13	30.35 3.28 0.00	32.29 3.17 0.00	32.69 3.21 0.00	34.82 3.18 -1.08	37.82 3.77 -2.12	38.71 3.87 -3.38	43.19 4.03 -7.47	42.89 4.25 -5.93	49.75 4.14 -11.94	70.00 4.54 -28.87	82.59 5.07 -37.93	84.16 4.73 -40.94	81.07 4.59 -39.12	49.10 4.16 -10.27	43.65 3.80 -7.66	31.30 3.45 -0.03	30.04 3.18 -2.38

BRISTLHL_115KV_TB1 79998	24.79 -0.05 0.00	22.42 -0.14 0.00	21.64 -0.17 0.00	20.76 -0.19 0.00	21.43 -0.11 0.00	21.52 -0.09 0.00	24.40 -0.10 0.00	26.89 -0.19 0.00	28.88 -0.23 0.00	29.27 -0.21 0.00	30.35 -0.21 0.00	31.68 -0.26 0.00	31.24 -0.22 0.00	31.44 -0.25 0.00	32.44 -0.26 0.00	33.39 -0.27 0.00	36.37 -0.22 0.00	39.36 -0.24 0.00	38.30 -0.19 0.00	37.17 -0.19 0.00	34.43 -0.24 0.00	31.90 -0.29 0.00	27.57 -0.25 0.00	24.21 -0.27 0.00
BROOKHAVEN___DRP 24191	30.76 2.76 -3.16	26.48 2.44 -1.49	25.79 2.27 -1.71	23.13 2.16 -0.02	23.77 2.24 0.00	24.05 2.31 -0.13	27.35 2.72 -0.13	30.30 3.22 0.00	32.29 3.17 0.00	32.69 3.21 0.00	34.76 3.12 -1.08	37.79 3.74 -2.12	38.71 3.87 -3.38	44.97 4.03 -9.24	45.04 4.28 -8.05	76.71 4.41 -38.64	150.97 4.98 -109.41	192.01 5.54 -146.88	210.70 5.20 -167.01	204.00 5.08 -161.57	79.51 4.61 -40.23	60.97 4.09 -24.69	31.50 3.53 -0.15	30.07 3.21 -2.39
BROOKLYN_NAVY_YARD 23515	26.63 1.79 0.00	24.04 1.49 0.00	23.19 1.37 0.00	22.21 1.26 0.00	22.83 1.29 0.00	22.99 1.38 0.00	26.24 1.74 0.00	29.30 2.22 0.00	31.68 2.56 0.00	32.04 2.56 0.00	34.34 2.69 -1.09	37.04 2.97 -2.13	37.80 2.93 -3.41	38.45 3.01 -3.74	39.76 3.14 -3.91	40.73 3.23 -3.83	44.65 3.66 -4.40	48.69 4.28 -4.82	45.00 3.93 -2.58	42.99 3.77 -1.86	39.14 3.57 -0.90	35.28 3.09 0.00	30.38 2.56 0.00	26.70 2.23 0.00
BROOKLYN___ARMY_DRP 323595	26.94 2.09 -0.01	24.36 1.80 -0.01	23.48 1.66 -0.01	22.44 1.49 0.00	23.09 1.55 0.00	23.18 1.58 0.00	26.41 1.91 0.00	29.43 2.36 0.00	31.82 2.71 0.00	32.19 2.71 0.00	34.55 2.90 -1.09	37.26 3.19 -2.13	38.11 3.24 -3.41	38.83 3.39 -3.74	39.99 3.37 -3.91	41.06 3.57 -3.83	45.01 4.02 -4.40	48.96 4.55 -4.82	45.27 4.20 -2.58	43.26 4.03 -1.86	40.37 4.02 -1.67	35.75 3.44 -0.11	30.68 2.84 -0.02	27.03 2.55 -0.01
BROOKVLE_69_KV_TB1 55790	30.27 2.26 -3.16	26.05 2.01 -1.49	25.38 1.85 -1.71	22.73 1.76 -0.02	23.37 1.83 0.00	23.61 1.88 -0.13	26.86 2.23 -0.13	29.79 2.71 0.00	32.00 2.88 0.00	32.40 2.92 0.00	34.67 3.03 -1.08	37.53 3.48 -2.12	38.37 3.52 -3.38	42.28 3.65 -6.93	41.69 3.70 -5.29	41.35 3.87 -3.82	45.35 4.39 -4.36	49.23 4.87 -4.77	45.63 4.58 -2.56	43.58 4.37 -1.85	39.98 4.16 -1.15	38.34 3.67 -2.48	30.88 3.06 0.00	29.52 2.67 -2.38
BROOME_2_LFGE 323671	25.39 0.55 0.00	22.91 0.36 0.00	22.09 0.28 0.00	21.21 0.25 0.00	21.90 0.37 0.00	22.01 0.41 0.00	25.06 0.56 0.00	27.70 0.62 0.00	29.75 0.64 0.00	30.13 0.65 0.00	31.30 0.73 0.00	32.64 0.70 0.00	32.22 0.75 0.00	32.46 0.76 0.00	33.46 0.75 0.00	34.44 0.77 0.00	37.51 0.92 0.00	40.64 1.19 0.14	39.64 1.15 0.00	38.44 1.08 0.00	35.51 0.87 0.03	32.90 0.71 0.00	28.46 0.64 0.00	24.94 0.46 0.00
BROOME___LFGE 323600	25.39 0.55 0.00	22.91 0.36 0.00	22.09 0.28 0.00	21.21 0.25 0.00	21.90 0.37 0.00	22.01 0.41 0.00	25.06 0.56 0.00	27.70 0.62 0.00	29.75 0.64 0.00	30.13 0.65 0.00	31.30 0.73 0.00	32.64 0.70 0.00	32.22 0.75 0.00	32.46 0.76 0.00	33.46 0.75 0.00	34.44 0.77 0.00	37.51 0.92 0.00	40.64 1.19 0.14	39.64 1.15 0.00	38.44 1.08 0.00	35.51 0.87 0.03	32.90 0.71 0.00	28.46 0.64 0.00	24.94 0.46 0.00
BROWNFLS_115KV_TB_3_5 80003	23.88 -0.35 0.62	22.14 -0.41 0.00	21.44 -0.37 0.00	20.58 -0.38 0.00	21.28 -0.26 0.00	21.37 -0.24 0.00	24.38 -0.12 0.00	26.97 -0.11 0.00	28.91 -0.20 0.00	29.13 -0.35 0.00	29.89 -0.67 0.00	31.23 -0.70 0.00	30.71 -0.76 0.00	27.86 -1.01 2.83	24.56 -0.82 7.33	24.97 -0.88 7.82	26.20 -1.06 9.33	27.56 -1.11 10.93	27.26 -1.08 10.15	34.42 -1.01 1.93	33.91 -0.76 0.00	31.48 -0.71 0.00	27.38 -0.45 0.00	24.11 -0.37 0.00
BROWNSV1_27_KV_LOAD 356125	26.86 2.01 0.00	24.31 1.76 0.00	23.43 1.61 0.00	22.44 1.49 0.00	23.09 1.55 0.00	23.22 1.62 0.00	26.48 1.98 0.00	29.54 2.46 0.00	31.94 2.82 0.00	32.31 2.83 0.00	34.61 2.96 -1.09	37.39 3.32 -2.13	38.17 3.30 -3.41	38.86 3.42 -3.74	40.12 3.50 -3.91	41.20 3.70 -3.83	45.23 4.24 -4.40	49.16 4.75 -4.82	45.50 4.43 -2.58	43.44 4.22 -1.86	39.56 3.99 -0.90	35.67 3.48 0.00	30.66 2.84 0.00	26.97 2.50 0.00
BURROWS___LYONSDAL 23803	25.41 0.70 0.13	22.98 0.43 0.00	22.20 0.39 0.00	21.31 0.36 0.00	22.12 0.58 0.00	22.19 0.58 0.00	25.31 0.81 0.00	28.03 0.95 0.00	30.05 0.93 0.00	30.36 0.88 0.00	31.36 0.79 0.00	32.76 0.83 0.00	32.22 0.76 0.00	31.62 0.51 0.59	31.97 0.78 1.52	32.89 0.84 1.62	35.46 0.80 1.93	38.40 1.07 2.26	37.46 1.08 2.10	38.08 1.12 0.40	35.78 1.11 0.00	33.09 0.90 0.00	28.60 0.78 0.00	25.11 0.64 0.00
CAITHNESS_CC_1 323624	30.76 2.76 -3.16	26.43 2.39 -1.49	25.75 2.23 -1.71	23.06 2.10 -0.02	23.74 2.20 -0.01	24.00 2.27 -0.13	27.32 2.70 -0.13	30.28 3.19 -0.01	32.26 3.15 0.00	32.66 3.18 0.00	34.79 3.15 -1.08	37.82 3.77 -2.12	38.66 3.81 -3.39	44.88 3.93 -9.25	44.95 4.19 -8.06	76.73 4.31 -38.75	151.11 4.75 -109.76	192.38 5.42 -147.36	211.18 5.12 -167.57	204.43 4.97 -162.11	79.57 4.54 -40.36	60.95 3.99 -24.77	31.45 3.48 -0.15	30.00 3.13 -2.39
CALPINE BETH_PAGE_GT4 24209	30.44 2.43 -3.16	26.21 2.16 -1.49	25.53 2.01 -1.71	22.88 1.91 -0.02	23.54 2.00 0.00	23.79 2.05 -0.13	27.05 2.43 -0.13	30.00 2.92 0.00	31.94 2.82 0.00	32.34 2.86 0.00	34.48 2.84 -1.08	37.40 3.35 -2.12	38.27 3.43 -3.38	42.20 3.52 -6.99	41.66 3.60 -5.36	42.06 3.77 -4.63	47.70 4.28 -6.82	52.44 4.75 -8.10	49.37 4.46 -6.41	47.24 4.30 -5.59	40.69 3.95 -2.06	38.66 3.48 -3.00	31.00 3.17 0.00	29.67 2.81 -2.38
CALPINE_BETH_PAGE_GT_4 323586	30.49 2.48 -3.16	26.18 2.14 -1.49	25.51 1.98 -1.71	22.83 1.86 -0.02	23.50 1.96 -0.01	23.76 2.03 -0.13	27.06 2.43 -0.13	30.01 2.93 -0.01	31.94 2.82 0.00	32.34 2.86 0.00	34.51 2.87 -1.08	37.47 3.42 -2.12	38.28 3.43 -3.39	42.17 3.49 -6.99	41.59 3.53 -5.36	42.03 3.74 -4.63	47.52 4.10 -6.83	52.41 4.71 -8.10	49.37 4.46 -6.42	47.25 4.29 -5.60	40.69 3.95 -2.06	38.63 3.45 -3.00	31.00 3.17 -0.01	29.62 2.76 -2.38
CALPINE_BP_GT1 23823	30.49 2.48 -3.16	26.18 2.14 -1.49	25.51 1.98 -1.71	22.83 1.86 -0.02	23.50 1.96 -0.01	23.76 2.03 -0.13	27.06 2.43 -0.13	30.01 2.93 -0.01	31.94 2.82 0.00	32.34 2.86 0.00	34.51 2.87 -1.08	37.47 3.42 -2.12	38.28 3.43 -3.39	42.17 3.49 -6.99	41.59 3.53 -5.36	42.03 3.74 -4.63	47.52 4.10 -6.83	52.41 4.71 -8.10	49.37 4.46 -6.42	47.25 4.29 -5.60	40.69 3.95 -2.06	38.63 3.45 -3.00	31.00 3.17 -0.01	29.62 2.76 -2.38
CALSPAN___DRP 24200	25.14 0.30 0.00	22.60 0.05 0.00	21.59 -0.22 0.00	20.62 -0.34 0.00	21.47 -0.06 0.00	21.76 0.15 0.00	24.72 0.22 0.00	27.24 0.16 0.00	29.23 0.12 0.00	29.51 0.03 0.00	30.87 0.31 0.00	31.93 0.00 0.00	31.84 0.38 0.00	31.98 0.29 0.00	33.03 0.33 0.00	33.73 0.07 0.00	37.25 0.66 0.00	40.54 0.95 0.00	39.53 1.04 0.00	38.03 0.67 0.00	34.84 0.17 0.00	32.25 0.06 0.00	28.04 0.22 0.00	24.82 0.34 0.00

CALVERTON___SOLAR 323806	30.86 2.86 -3.16	26.50 2.46 -1.49	25.84 2.31 -1.71	23.15 2.18 -0.02	23.80 2.26 -0.01	24.07 2.33 -0.13	27.40 2.77 -0.13	30.36 3.28 -0.01	32.34 3.23 0.00	32.78 3.30 0.00	34.91 3.27 -1.08	37.98 3.93 -2.12	38.85 4.00 -3.39	45.06 4.12 -9.24	45.16 4.41 -8.05	76.82 4.54 -38.61	150.94 5.01 -109.33	192.11 5.74 -146.77	210.77 5.39 -166.89	204.07 5.27 -161.45	79.69 4.82 -40.20	61.11 4.25 -24.68	31.62 3.64 -0.15	30.12 3.26 -2.39
CANDIGU_WT_PWR 323617	25.09 0.25 0.00	22.55 0.00 0.00	21.64 -0.18 0.00	20.72 -0.23 0.00	21.53 0.00 0.00	21.78 0.17 0.00	24.87 0.37 0.00	27.46 0.38 0.00	29.43 0.32 0.00	29.69 0.21 0.00	30.96 0.40 0.00	32.06 0.13 0.00	31.81 0.35 0.00	31.98 0.28 0.00	32.87 0.16 0.00	33.77 0.10 0.00	36.96 0.37 0.00	40.39 0.79 0.00	39.26 0.77 0.00	37.95 0.60 0.00	35.02 0.35 0.00	32.38 0.19 0.00	28.18 0.36 0.00	24.65 0.17 0.00
CARR STREET_E_SYR 24060	24.97 0.12 0.00	22.55 0.00 0.00	21.75 -0.07 0.00	20.87 -0.08 0.00	21.53 0.00 0.00	21.65 0.04 0.00	24.57 0.07 0.00	27.16 0.08 0.00	29.17 0.06 0.00	29.60 0.12 0.00	30.59 0.03 0.00	31.84 -0.10 0.00	31.43 -0.03 0.00	31.63 -0.06 0.00	32.61 -0.10 0.00	33.53 -0.13 0.00	36.48 -0.11 0.00	39.55 -0.04 0.00	38.45 -0.04 0.00	37.24 -0.11 0.00	34.50 -0.17 0.00	32.03 -0.16 0.00	27.79 -0.03 0.00	24.35 -0.12 0.00
CARTHAGE___PAPER 23857	24.93 0.35 0.26	22.66 0.11 0.00	21.90 0.09 0.00	21.02 0.06 0.00	21.81 0.28 0.00	21.91 0.30 0.00	25.04 0.54 0.00	27.70 0.62 0.00	29.61 0.49 0.00	29.92 0.44 0.00	30.78 0.22 0.00	32.16 0.23 0.00	31.62 0.16 0.00	30.37 -0.13 1.20	29.76 0.16 3.11	30.52 0.17 3.32	32.59 -0.04 3.96	35.20 0.24 4.64	34.52 0.35 4.31	37.02 0.48 0.82	35.29 0.62 0.00	32.61 0.42 0.00	28.21 0.39 0.00	24.75 0.27 0.00
CASSADAGA_WT_PWR 323784	25.37 0.52 0.00	22.71 0.16 0.00	21.81 0.00 0.00	20.89 -0.06 0.00	21.75 0.22 0.00	22.10 0.50 0.00	25.23 0.73 0.00	27.78 0.70 0.00	29.81 0.70 0.00	30.07 0.59 0.00	31.66 1.10 0.00	32.44 0.51 0.00	32.15 0.69 0.00	32.39 0.70 0.00	33.07 0.36 0.00	33.63 -0.03 0.00	36.81 0.22 0.00	40.19 0.59 0.00	39.30 0.81 0.00	38.06 0.71 0.00	35.12 0.45 0.00	32.48 0.29 0.00	28.35 0.53 0.00	24.72 0.24 0.00
CE_DUNWOOD___DRP 24194	26.51 1.66 0.00	24.02 1.47 0.00	23.16 1.35 0.00	22.23 1.28 0.00	22.85 1.31 0.00	22.99 1.38 0.00	26.17 1.67 0.00	29.14 2.06 0.00	31.44 2.33 0.00	31.81 2.33 0.00	34.17 2.45 -1.16	36.96 2.75 -2.28	37.84 2.74 -3.64	38.54 2.85 -3.99	39.82 2.94 -4.17	40.81 3.06 -4.09	44.82 3.55 -4.68	48.76 3.96 -5.20	44.94 3.69 -2.75	42.89 3.55 -1.99	38.94 3.29 -0.97	35.05 2.86 0.00	30.16 2.34 0.00	26.56 2.08 0.00
CE_MILLWOOD___DRP 24193	26.41 1.57 0.00	23.93 1.38 0.00	23.08 1.27 0.00	22.15 1.19 0.00	22.76 1.23 0.00	22.90 1.30 0.00	26.07 1.57 0.00	29.00 1.92 0.00	31.27 2.15 0.00	31.63 2.15 0.00	38.66 2.29 -5.80	45.89 2.55 -11.40	52.22 2.55 -18.20	54.32 2.66 -19.96	56.36 2.75 -20.90	57.03 2.90 -20.47	62.52 3.33 -22.60	46.82 3.72 -3.50	55.75 3.46 -13.79	50.64 3.32 -9.96	38.41 3.09 -0.66	34.86 2.67 0.00	30.02 2.20 0.00	26.41 1.93 0.00
CE_NYC2_DRP 24202	26.76 1.91 -0.01	24.23 1.67 -0.01	23.37 1.55 -0.01	22.34 1.38 0.00	22.98 1.44 0.00	23.12 1.51 0.00	26.34 1.84 0.00	29.35 2.27 0.00	31.73 2.62 0.00	32.10 2.62 0.00	34.43 2.78 -1.09	37.13 3.07 -2.13	37.95 3.08 -3.41	38.67 3.23 -3.74	39.86 3.24 -3.91	40.90 3.40 -3.83	44.87 3.88 -4.40	48.77 4.36 -4.82	45.07 4.00 -2.58	43.03 3.81 -1.86	39.32 3.74 -0.91	35.48 3.28 -0.01	30.49 2.67 0.00	26.86 2.37 -0.01
CE_NYC_DRP 24195	26.66 1.81 0.00	24.13 1.58 0.00	23.27 1.46 0.00	22.32 1.36 0.00	22.93 1.40 0.00	23.07 1.47 0.00	26.29 1.79 0.00	29.33 2.25 0.00	31.70 2.59 0.00	32.07 2.59 0.00	34.37 2.72 -1.09	37.10 3.03 -2.13	37.89 3.02 -3.41	38.57 3.14 -3.74	39.82 3.21 -3.91	40.90 3.40 -3.83	44.87 3.88 -4.40	48.77 4.36 -4.82	45.07 4.00 -2.58	43.07 3.85 -1.86	39.21 3.64 -0.90	35.34 3.15 0.00	30.41 2.59 0.00	26.78 2.30 0.00
CHAFFEE___LFGE 323603	25.29 0.45 0.00	22.62 0.07 0.00	21.61 -0.20 0.00	20.66 -0.29 0.00	21.49 -0.04 0.00	21.78 0.17 0.00	24.77 0.27 0.00	27.32 0.24 0.00	29.32 0.21 0.00	29.60 0.12 0.00	31.11 0.55 0.00	32.13 0.19 0.00	32.00 0.53 0.00	32.27 0.57 0.00	33.16 0.46 0.00	33.90 0.24 0.00	37.21 0.62 0.00	40.70 1.11 0.00	39.68 1.19 0.00	38.14 0.79 0.00	35.02 0.35 0.00	32.32 0.13 0.00	28.13 0.31 0.00	24.65 0.17 0.00
CHATEAUG_35_KV_LOAD 355732	22.69 -0.99 1.16	21.78 -0.77 0.00	21.18 -0.63 0.00	20.37 -0.59 0.00	20.93 -0.60 0.00	21.02 -0.58 0.00	23.94 -0.56 0.00	26.48 -0.60 0.00	28.39 -0.73 0.00	28.65 -0.83 0.00	29.62 -0.95 0.00	30.91 -1.02 0.00	30.27 -1.20 0.00	25.16 -1.27 5.27	17.77 -1.28 13.66	17.80 -1.28 14.58	17.72 -1.46 17.41	17.63 -1.58 20.38	18.09 -1.46 18.94	32.60 -1.16 3.60	33.80 -0.87 0.00	31.42 -0.77 0.00	27.13 -0.70 0.00	23.79 -0.69 0.00
CHATEAUG_WT_PWR 323614	23.05 -0.62 1.18	22.17 -0.38 0.00	21.59 -0.22 0.00	20.76 -0.19 0.00	21.43 -0.11 0.00	21.56 -0.04 0.00	24.06 -0.44 0.00	26.59 -0.49 0.00	28.44 -0.67 0.00	28.74 -0.74 0.00	29.71 -0.86 0.00	31.01 -0.93 0.00	30.20 -1.26 0.00	25.01 -1.33 5.36	17.46 -1.37 13.88	17.44 -1.41 14.81	17.52 -1.39 17.68	17.47 -1.42 20.70	17.87 -1.38 19.23	32.99 -0.71 3.66	34.22 -0.45 0.00	31.80 -0.38 0.00	27.46 -0.36 0.00	24.13 -0.34 0.00
CHAT_HIGH_FALL_HYD 323578	22.69 -0.99 1.16	21.78 -0.77 0.00	21.18 -0.63 0.00	20.37 -0.59 0.00	20.93 -0.60 0.00	21.02 -0.58 0.00	23.94 -0.56 0.00	26.48 -0.60 0.00	28.39 -0.73 0.00	28.65 -0.83 0.00	29.62 -0.95 0.00	30.91 -1.02 0.00	30.27 -1.20 0.00	25.16 -1.27 5.27	17.77 -1.28 13.66	17.80 -1.28 14.58	17.72 -1.46 17.41	17.63 -1.58 20.38	18.09 -1.46 18.94	32.60 -1.16 3.60	33.80 -0.87 0.00	31.42 -0.77 0.00	27.13 -0.70 0.00	23.79 -0.69 0.00
CHAUTAUQUA___LFGE 323629	25.37 0.52 0.00	22.73 0.18 0.00	21.75 -0.07 0.00	20.81 -0.15 0.00	21.66 0.13 0.00	21.99 0.39 0.00	25.06 0.56 0.00	27.67 0.59 0.00	29.70 0.58 0.00	29.95 0.47 0.00	31.48 0.92 0.00	32.38 0.45 0.00	32.19 0.72 0.00	32.43 0.73 0.00	33.23 0.52 0.00	33.93 0.27 0.00	37.21 0.62 0.00	40.66 1.07 0.00	39.68 1.19 0.00	38.29 0.93 0.00	35.22 0.55 0.00	32.54 0.35 0.00	28.35 0.53 0.00	24.77 0.29 0.00
CHERRYST_13_KV_LD 356241	26.73 1.89 0.00	24.20 1.65 0.00	23.34 1.53 0.00	22.36 1.40 0.00	23.00 1.46 0.00	23.14 1.53 0.00	26.39 1.89 0.00	29.43 2.36 0.00	31.82 2.71 0.00	32.19 2.71 0.00	34.52 2.87 -1.09	37.26 3.19 -2.13	38.05 3.18 -3.41	38.76 3.33 -3.74	39.99 3.37 -3.91	41.07 3.57 -3.83	45.05 4.06 -4.40	48.96 4.55 -4.82	45.27 4.20 -2.58	43.22 4.00 -1.86	39.35 3.78 -0.90	35.47 3.28 0.00	30.52 2.70 0.00	26.85 2.37 0.00

CHESTROR_138KV_BK263 355645	26.11 1.27 0.00	23.66 1.10 0.00	22.81 1.00 0.00	21.92 0.96 0.00	22.53 0.99 0.00	22.64 1.04 0.00	25.75 1.25 0.00	28.59 1.52 0.00	30.80 1.69 0.00	31.16 1.68 0.00	31.23 1.77 1.11	31.73 1.98 2.18	29.96 1.98 3.48	29.94 2.06 3.82	30.86 2.16 4.00	32.04 2.29 3.92	35.14 2.67 4.12	40.58 2.97 1.98	38.62 2.77 2.64	38.10 2.65 1.91	36.80 2.50 0.37	34.31 2.12 0.00	29.60 1.78 0.00	26.04 1.57 0.00
CH_MIDHUDSON___DRP 24192	26.38 1.54 0.00	23.90 1.35 0.00	23.08 1.27 0.00	22.15 1.19 0.00	22.78 1.25 0.00	22.88 1.27 0.00	25.99 1.49 0.00	28.87 1.79 0.00	31.15 2.04 0.00	31.51 2.03 0.00	32.73 2.17 0.00	34.30 2.36 0.00	33.82 2.36 0.00	34.14 2.44 0.00	35.26 2.55 0.00	36.32 2.66 0.00	39.85 3.07 -0.19	43.56 3.44 -0.52	41.72 3.23 0.00	40.49 3.14 0.00	37.71 2.95 -0.10	34.73 2.54 0.00	29.88 2.06 0.00	26.31 1.84 0.00
CH_MISC_IPPS 23765	26.56 1.71 0.00	24.00 1.44 0.00	23.14 1.33 0.00	22.21 1.26 0.00	22.85 1.31 0.00	22.94 1.34 0.00	26.12 1.62 0.00	29.00 1.92 0.00	31.30 2.18 0.00	31.66 2.18 0.00	32.95 2.39 0.00	34.46 2.52 0.00	34.01 2.55 0.00	34.33 2.63 0.00	35.48 2.78 0.00	36.56 2.90 0.00	40.03 3.26 -0.18	43.63 3.80 -0.23	42.07 3.58 0.00	40.79 3.43 0.00	37.90 3.19 -0.04	34.89 2.70 0.00	30.05 2.23 0.00	26.41 1.93 0.00
CH_RES_BVR_FALLS 23983	22.15 -0.84 1.85	21.85 -0.70 0.00	21.16 -0.65 0.00	20.35 -0.61 0.00	20.89 -0.65 0.00	20.98 -0.63 0.00	23.81 -0.69 0.00	26.35 -0.73 0.00	28.33 -0.78 0.00	28.69 -0.79 0.00	29.71 -0.86 0.00	31.04 -0.89 0.00	30.49 -0.98 0.00	22.21 -1.08 8.41	9.77 -1.15 21.79	9.23 -1.18 23.25	7.55 -1.28 27.76	5.66 -1.42 32.51	6.98 -1.31 30.20	30.38 -1.23 5.74	33.56 -1.11 0.00	31.19 -1.00 0.00	26.96 -0.86 0.00	23.79 -0.69 0.00
CH_RES_NIAGARA 23895	24.15 -0.70 0.00	21.74 -0.81 0.00	20.76 -1.05 0.00	19.82 -1.13 0.00	20.65 -0.88 0.00	20.93 -0.67 0.00	23.69 -0.81 0.00	26.05 -1.03 0.00	27.95 -1.16 0.00	28.27 -1.21 0.00	29.55 -1.01 0.00	30.56 -1.37 0.00	30.42 -1.04 0.00	30.52 -1.17 0.00	31.56 -1.14 0.00	32.22 -1.45 0.00	35.60 -0.99 0.00	38.76 -0.83 0.00	37.87 -0.62 0.00	36.42 -0.93 0.00	33.32 -1.35 0.00	30.87 -1.32 0.00	26.87 -0.95 0.00	23.84 -0.64 0.00
CH_RES_SYRACUSE 23985	25.07 0.22 0.00	22.64 0.09 0.00	21.83 0.02 0.00	20.95 0.00 0.00	21.64 0.11 0.00	21.73 0.13 0.00	24.69 0.20 0.00	27.27 0.19 0.00	29.26 0.15 0.00	29.69 0.21 0.00	30.78 0.22 0.00	32.09 0.16 0.00	31.65 0.19 0.00	31.86 0.16 0.00	32.87 0.16 0.00	33.80 0.14 0.00	36.74 0.15 0.00	39.87 0.28 0.00	38.76 0.27 0.00	37.54 0.19 0.00	34.77 0.10 0.00	32.22 0.03 0.00	27.90 0.08 0.00	24.43 -0.05 0.00
CLINTON_WT_PWR 323605	23.05 -0.62 1.18	22.17 -0.38 0.00	21.59 -0.22 0.00	20.76 -0.19 0.00	21.43 -0.11 0.00	21.56 -0.04 0.00	24.06 -0.44 0.00	26.59 -0.49 0.00	28.44 -0.67 0.00	28.74 -0.74 0.00	29.71 -0.86 0.00	31.01 -0.93 0.00	30.20 -1.26 0.00	25.01 -1.33 5.36	17.46 -1.37 13.88	17.44 -1.41 14.81	17.52 -1.39 17.68	17.47 -1.42 20.70	17.87 -1.38 19.23	32.99 -0.71 3.66	34.22 -0.45 0.00	31.80 -0.38 0.00	27.46 -0.36 0.00	24.13 -0.34 0.00
CLINTON___LFGE 323618	23.17 -0.50 1.17	22.30 -0.25 0.00	21.70 -0.11 0.00	20.85 -0.10 0.00	21.49 -0.04 0.00	21.63 0.02 0.00	24.16 -0.34 0.00	26.73 -0.35 0.00	28.62 -0.50 0.00	28.92 -0.56 0.00	29.86 -0.70 0.00	31.17 -0.77 0.00	30.45 -1.01 0.00	25.28 -1.08 5.34	17.75 -1.11 13.84	17.78 -1.11 14.77	17.89 -1.06 17.64	17.76 -1.19 20.65	18.19 -1.12 19.19	33.15 -0.56 3.65	34.43 -0.24 0.00	32.00 -0.19 0.00	27.57 -0.25 0.00	24.21 -0.27 0.00
COBBLENY_34_KV_TB1 80064	25.22 0.37 0.00	22.62 0.07 0.00	21.64 -0.17 0.00	20.66 -0.29 0.00	21.51 -0.02 0.00	21.78 0.17 0.00	24.77 0.27 0.00	27.32 0.24 0.00	29.32 0.20 0.00	29.60 0.12 0.00	30.99 0.43 0.00	32.09 0.16 0.00	32.00 0.53 0.00	32.17 0.48 0.00	33.20 0.49 0.00	33.90 0.24 0.00	37.47 0.88 0.00	40.74 1.15 0.00	39.72 1.23 0.00	38.22 0.86 0.00	35.02 0.35 0.00	32.38 0.19 0.00	28.13 0.31 0.00	24.89 0.42 0.00
COFFEEN___115KV_TB3 355620	25.35 0.72 0.22	23.00 0.45 0.00	22.20 0.39 0.00	21.31 0.36 0.00	22.14 0.60 0.00	22.21 0.60 0.00	25.43 0.93 0.00	28.11 1.03 0.00	30.02 0.90 0.00	30.36 0.88 0.00	31.21 0.64 0.00	32.60 0.67 0.00	32.06 0.60 0.00	31.02 0.32 0.99	30.69 0.56 2.57	31.57 0.64 2.74	33.91 0.59 3.27	36.52 0.75 3.83	35.89 0.96 3.56	37.80 1.12 0.68	35.88 1.21 0.00	33.09 0.90 0.00	28.60 0.78 0.00	25.06 0.59 0.00
COLDSPRG_115KV_BK1 355956	25.71 0.87 0.00	23.07 0.52 0.00	22.10 0.28 0.00	21.14 0.19 0.00	22.01 0.47 0.00	22.36 0.76 0.00	25.58 1.08 0.00	28.41 1.33 0.00	30.45 1.34 0.00	30.66 1.18 0.00	32.18 1.62 0.00	32.92 0.99 0.00	32.78 1.32 0.00	32.97 1.27 0.00	33.88 1.18 0.00	34.54 0.88 0.00	38.13 1.54 0.00	41.34 1.74 0.00	40.34 1.85 0.00	38.96 1.61 0.00	35.85 1.18 0.00	33.19 1.00 0.00	28.85 1.03 0.00	25.45 0.98 0.00
COLONIE_LFGE___ 323577	26.01 1.17 0.00	23.61 1.06 0.00	22.84 1.03 0.00	21.94 0.99 0.00	22.57 1.03 0.00	22.66 1.06 0.00	25.65 1.15 0.00	28.32 1.25 0.00	30.51 1.40 0.00	30.95 1.47 0.00	32.03 1.47 0.00	33.44 1.50 0.00	32.81 1.35 0.00	33.06 1.36 0.00	34.05 1.34 0.00	34.98 1.31 0.00	37.43 1.47 0.62	41.77 1.74 -0.44	40.30 1.81 0.00	39.26 1.90 0.00	36.59 1.84 -0.08	33.77 1.58 0.00	29.16 1.34 0.00	25.67 1.20 0.00
COOPERNY_115KV_TB1 80082	25.84 0.99 0.00	23.41 0.86 0.00	22.60 0.79 0.00	21.71 0.75 0.00	22.33 0.80 0.00	22.40 0.80 0.00	25.48 0.98 0.00	28.30 1.22 0.00	30.45 1.34 0.00	30.81 1.33 0.00	31.55 1.41 0.42	32.67 1.56 0.83	31.71 1.57 1.33	31.89 1.65 1.46	32.88 1.70 1.53	33.99 1.82 1.49	37.14 2.09 1.54	41.04 2.34 0.89	39.68 2.19 1.01	38.72 2.09 0.73	36.48 1.98 0.17	33.86 1.67 0.00	29.21 1.39 0.00	25.70 1.22 0.00
COPENHAGEN_WT_PWR 323753	25.09 0.45 0.21	22.75 0.20 0.00	21.99 0.17 0.00	21.10 0.15 0.00	21.90 0.37 0.00	21.97 0.37 0.00	25.11 0.61 0.00	27.76 0.68 0.00	29.70 0.58 0.00	30.04 0.56 0.00	30.90 0.34 0.00	32.29 0.35 0.00	31.78 0.31 0.00	30.83 0.06 0.93	30.54 0.26 2.42	31.38 0.30 2.58	33.62 0.11 3.08	36.34 0.36 3.61	35.63 0.50 3.36	37.35 0.63 0.64	35.40 0.73 0.00	32.67 0.48 0.00	28.26 0.44 0.00	24.77 0.29 0.00
CORNELL_____ 23752	25.64 0.79 0.00	23.16 0.61 0.00	22.31 0.50 0.00	21.41 0.46 0.00	22.14 0.60 0.00	22.25 0.65 0.00	25.36 0.86 0.00	28.05 0.97 0.00	30.07 0.96 0.00	30.45 0.97 0.00	31.48 0.92 0.00	32.86 0.93 0.00	32.41 0.94 0.00	32.59 0.89 0.00	33.65 0.95 0.00	34.64 0.98 0.00	37.91 1.32 0.00	41.14 1.54 0.00	40.07 1.58 0.00	38.85 1.49 0.00	35.95 1.28 0.00	33.28 1.09 0.00	28.74 0.92 0.00	25.21 0.73 0.00

CORONA_69_KV_TB1 355595	30.32 2.31 -3.16	26.07 2.03 -1.49	25.42 1.90 -1.71	22.75 1.78 -0.02	23.41 1.87 0.00	23.66 1.92 -0.13	26.88 2.25 -0.13	29.84 2.76 0.00	31.94 2.82 0.00	32.34 2.86 0.00	34.51 2.87 -1.08	37.40 3.35 -2.12	38.24 3.40 -3.38	42.12 3.49 -6.93	41.69 3.70 -5.29	41.35 3.87 -3.82	45.38 4.43 -4.36	49.35 4.99 -4.77	45.74 4.70 -2.56	43.73 4.52 -1.85	39.91 4.09 -1.15	38.27 3.61 -2.48	30.91 3.09 0.00	29.52 2.67 -2.38
CORTLAND_115KV_TB3 80093	25.54 0.70 0.00	23.07 0.52 0.00	22.25 0.44 0.00	21.35 0.40 0.00	22.05 0.52 0.00	22.17 0.56 0.00	25.23 0.73 0.00	27.92 0.84 0.00	29.96 0.84 0.00	30.33 0.85 0.00	31.39 0.83 0.00	32.76 0.83 0.00	32.34 0.88 0.00	32.52 0.82 0.00	33.59 0.88 0.00	34.54 0.88 0.00	37.76 1.17 0.00	40.90 1.31 0.00	39.80 1.31 0.00	38.63 1.27 0.00	35.74 1.07 0.00	33.09 0.90 0.00	28.60 0.78 0.00	25.11 0.64 0.00
COXSACKIE___GT 23611	26.48 1.64 0.00	24.00 1.44 0.00	23.25 1.44 0.00	22.34 1.38 0.00	23.00 1.47 0.00	23.07 1.47 0.00	26.14 1.64 0.00	28.73 1.65 0.00	30.83 1.72 0.00	31.22 1.74 0.00	32.30 1.74 0.00	33.56 1.63 0.00	33.03 1.57 0.00	33.25 1.55 0.00	34.31 1.60 0.00	35.31 1.65 0.00	38.52 2.20 0.26	42.68 2.77 -0.32	41.34 2.85 0.00	40.38 3.02 0.00	37.74 3.01 -0.06	34.60 2.42 0.00	29.63 1.81 0.00	26.04 1.57 0.00
CPV_VALLEY___CC1 323721	25.94 1.09 0.00	23.45 0.90 0.00	22.64 0.83 0.00	21.75 0.80 0.00	22.35 0.82 0.00	22.47 0.87 0.00	25.55 1.05 0.00	28.38 1.30 0.00	30.57 1.46 0.00	30.92 1.44 0.00	31.43 1.56 0.69	32.29 1.72 1.37	30.98 1.70 2.18	31.08 1.77 2.39	32.06 1.86 2.50	33.16 1.95 2.45	36.25 2.20 2.54	40.72 2.61 1.49	39.26 2.43 1.65	38.48 2.32 1.19	36.54 2.15 0.28	33.99 1.80 0.00	29.35 1.53 0.00	25.80 1.32 0.00
CPV_VALLEY___CC2 323722	25.94 1.09 0.00	23.45 0.90 0.00	22.64 0.83 0.00	21.75 0.80 0.00	22.35 0.82 0.00	22.47 0.87 0.00	25.55 1.05 0.00	28.38 1.30 0.00	30.57 1.46 0.00	30.92 1.44 0.00	31.43 1.56 0.69	32.29 1.72 1.37	30.98 1.70 2.18	31.08 1.77 2.39	32.06 1.86 2.50	33.16 1.95 2.45	36.25 2.20 2.54	40.72 2.61 1.49	39.26 2.43 1.65	38.48 2.32 1.19	36.54 2.15 0.28	33.99 1.80 0.00	29.35 1.53 0.00	25.80 1.32 0.00
CRESCENT___HYD 24018	26.01 1.17 0.00	23.61 1.06 0.00	22.84 1.03 0.00	21.94 0.99 0.00	22.57 1.03 0.00	22.66 1.06 0.00	25.65 1.15 0.00	28.32 1.25 0.00	30.51 1.40 0.00	30.95 1.47 0.00	32.03 1.47 0.00	33.44 1.50 0.00	32.81 1.35 0.00	33.06 1.36 0.00	34.05 1.34 0.00	34.98 1.31 0.00	37.43 1.47 0.62	41.77 1.74 -0.44	40.30 1.81 0.00	39.26 1.90 0.00	36.59 1.84 -0.08	33.77 1.58 0.00	29.16 1.34 0.00	25.67 1.20 0.00
CRICKET___VALLEY_CC1 323756	26.13 1.29 0.00	23.68 1.13 0.00	22.88 1.07 0.00	21.98 1.03 0.00	22.59 1.05 0.00	22.71 1.10 0.00	25.75 1.25 0.00	28.57 1.49 0.00	30.80 1.69 0.00	31.19 1.71 0.00	32.88 1.83 -0.49	34.84 1.95 -0.96	34.81 1.82 -1.53	35.30 1.93 -1.67	36.45 2.00 -1.75	37.37 1.99 -1.72	37.48 2.23 1.34	43.23 2.65 -0.98	42.11 2.47 -1.16	40.69 2.50 -0.84	37.24 2.39 -0.18	34.22 2.03 0.00	29.49 1.67 0.00	25.97 1.49 0.00
CRICKET___VALLEY_CC2 323757	26.13 1.29 0.00	23.68 1.13 0.00	22.88 1.07 0.00	21.98 1.03 0.00	22.59 1.05 0.00	22.71 1.10 0.00	25.75 1.25 0.00	28.57 1.49 0.00	30.80 1.69 0.00	31.19 1.71 0.00	32.88 1.83 -0.49	34.84 1.95 -0.96	34.81 1.82 -1.53	35.30 1.93 -1.67	36.45 2.00 -1.75	37.37 1.99 -1.72	37.48 2.23 1.34	43.23 2.65 -0.98	42.11 2.47 -1.16	40.69 2.50 -0.84	37.24 2.39 -0.18	34.22 2.03 0.00	29.49 1.67 0.00	25.97 1.49 0.00
CRICKET___VALLEY_CC3 323758	26.13 1.29 0.00	23.68 1.13 0.00	22.88 1.07 0.00	21.98 1.03 0.00	22.59 1.05 0.00	22.71 1.10 0.00	25.75 1.25 0.00	28.57 1.49 0.00	30.80 1.69 0.00	31.19 1.71 0.00	32.88 1.83 -0.49	34.84 1.95 -0.96	34.81 1.82 -1.53	35.30 1.93 -1.67	36.45 2.00 -1.75	37.37 1.99 -1.72	37.48 2.23 1.34	43.23 2.65 -0.98	42.11 2.47 -1.16	40.69 2.50 -0.84	37.24 2.39 -0.18	34.22 2.03 0.00	29.49 1.67 0.00	25.97 1.49 0.00
CRUCIBLE_METL_DRP 24180	25.04 0.20 0.00	22.66 0.11 0.00	21.86 0.04 0.00	20.97 0.02 0.00	21.64 0.11 0.00	21.76 0.15 0.00	24.70 0.20 0.00	27.27 0.19 0.00	29.26 0.15 0.00	29.69 0.21 0.00	30.78 0.21 0.00	32.09 0.16 0.00	31.65 0.19 0.00	31.86 0.16 0.00	32.87 0.16 0.00	33.80 0.13 0.00	36.85 0.26 0.00	39.87 0.28 0.00	38.76 0.27 0.00	37.58 0.22 0.00	34.77 0.10 0.00	32.25 0.06 0.00	27.90 0.08 0.00	24.48 0.00 0.00
DAHOWA___HYDRO 323763	26.58 1.74 0.00	24.11 1.55 0.00	23.27 1.46 0.00	22.36 1.40 0.00	23.00 1.47 0.00	23.07 1.47 0.00	26.21 1.71 0.00	29.00 1.92 0.00	31.24 2.12 0.00	31.69 2.21 0.00	32.43 1.86 0.00	33.85 1.92 0.00	33.29 1.82 0.00	33.50 1.81 0.00	34.34 1.63 0.00	35.31 1.65 0.00	37.91 1.83 0.50	42.10 2.10 -0.41	40.95 2.47 0.00	39.90 2.54 0.00	37.21 2.46 -0.08	34.31 2.12 0.00	29.83 2.00 0.00	26.24 1.76 0.00
DANC___LFGE 323619	24.95 0.25 0.14	22.62 0.07 0.00	21.83 0.02 0.00	20.95 0.00 0.00	21.71 0.17 0.00	21.80 0.19 0.00	24.84 0.34 0.00	27.43 0.35 0.00	29.37 0.26 0.00	29.74 0.26 0.00	30.69 0.12 0.00	32.03 0.10 0.00	31.56 0.09 0.00	31.01 -0.06 0.63	31.14 0.07 1.63	32.00 0.07 1.74	34.41 -0.11 2.07	37.25 0.08 2.43	36.39 0.15 2.25	37.19 0.26 0.43	34.95 0.28 0.00	32.32 0.13 0.00	28.02 0.20 0.00	24.52 0.05 0.00
DANSKAMMER___1 23586	26.56 1.71 0.00	24.00 1.44 0.00	23.14 1.33 0.00	22.21 1.26 0.00	22.85 1.31 0.00	22.94 1.34 0.00	26.12 1.62 0.00	29.00 1.92 0.00	31.30 2.18 0.00	31.66 2.18 0.00	32.95 2.39 0.00	34.46 2.52 0.00	34.01 2.55 0.00	34.33 2.63 0.00	35.48 2.78 0.00	36.56 2.90 0.00	40.03 3.26 -0.18	43.63 3.80 -0.23	42.07 3.58 0.00	40.79 3.43 0.00	37.90 3.19 -0.04	34.89 2.70 0.00	30.05 2.23 0.00	26.41 1.93 0.00
DANSKAMMER___2 23589	26.56 1.71 0.00	24.00 1.44 0.00	23.14 1.33 0.00	22.21 1.26 0.00	22.85 1.31 0.00	22.94 1.34 0.00	26.12 1.62 0.00	29.00 1.92 0.00	31.30 2.18 0.00	31.66 2.18 0.00	32.95 2.39 0.00	34.46 2.52 0.00	34.01 2.55 0.00	34.33 2.63 0.00	35.48 2.78 0.00	36.56 2.90 0.00	40.03 3.26 -0.18	43.63 3.80 -0.23	42.07 3.58 0.00	40.79 3.43 0.00	37.90 3.19 -0.04	34.89 2.70 0.00	30.05 2.23 0.00	26.41 1.93 0.00
DANSKAMMER___3 23590	26.56 1.71 0.00	24.00 1.44 0.00	23.14 1.33 0.00	22.21 1.26 0.00	22.85 1.31 0.00	22.94 1.34 0.00	26.12 1.62 0.00	29.00 1.92 0.00	31.30 2.18 0.00	31.66 2.18 0.00	32.95 2.39 0.00	34.46 2.52 0.00	34.01 2.55 0.00	34.33 2.63 0.00	35.48 2.78 0.00	36.56 2.90 0.00	40.03 3.26 -0.18	43.63 3.80 -0.23	42.07 3.58 0.00	40.79 3.43 0.00	37.90 3.19 -0.04	34.89 2.70 0.00	30.05 2.23 0.00	26.41 1.93 0.00

DANSKAMMER___4 23591	26.56 1.71 0.00	24.00 1.44 0.00	23.14 1.33 0.00	22.21 1.26 0.00	22.85 1.31 0.00	22.94 1.34 0.00	26.12 1.62 0.00	29.00 1.92 0.00	31.30 2.18 0.00	31.66 2.18 0.00	32.95 2.39 0.00	34.46 2.52 0.00	34.01 2.55 0.00	34.33 2.63 0.00	35.48 2.78 0.00	36.56 2.90 0.00	40.03 3.26 -0.18	43.63 3.80 -0.23	42.07 3.58 0.00	40.79 3.43 0.00	37.90 3.19 -0.04	34.89 2.70 0.00	30.05 2.23 0.00	26.41 1.93 0.00
DANSKAMMER___DIESEL 23592	26.53 1.69 0.00	24.02 1.47 0.00	23.16 1.35 0.00	22.23 1.28 0.00	22.87 1.34 0.00	22.97 1.36 0.00	26.12 1.62 0.00	29.00 1.92 0.00	31.30 2.18 0.00	31.66 2.18 0.00	32.89 2.32 0.00	34.46 2.52 0.00	34.01 2.55 0.00	34.36 2.66 0.00	35.45 2.75 0.00	36.59 2.93 0.00	40.18 3.40 -0.18	43.59 3.76 -0.23	42.07 3.58 0.00	40.79 3.44 0.00	37.90 3.19 -0.04	34.93 2.74 0.00	30.05 2.23 0.00	26.46 1.98 0.00
DARBY___SOLAR 323810	26.46 1.61 0.00	24.00 1.44 0.00	23.16 1.35 0.00	22.25 1.30 0.00	22.89 1.36 0.00	22.99 1.38 0.00	26.09 1.59 0.00	28.86 1.79 0.00	31.06 1.95 0.00	31.54 2.06 0.00	32.34 1.77 0.00	33.79 1.85 0.00	33.22 1.76 0.00	33.44 1.74 0.00	34.31 1.60 0.00	35.25 1.58 0.00	37.82 1.76 0.52	42.06 2.06 -0.41	40.84 2.35 0.00	39.75 2.39 0.00	37.07 2.32 -0.08	34.19 2.00 0.00	29.69 1.86 0.00	26.12 1.64 0.00
DASHVILLE___HYD 23610	26.23 1.39 0.00	23.72 1.17 0.00	22.90 1.09 0.00	22.00 1.05 0.00	22.61 1.08 0.00	22.68 1.08 0.00	25.80 1.30 0.00	28.68 1.60 0.00	30.92 1.81 0.00	31.25 1.77 0.00	32.46 1.89 0.00	34.04 2.11 0.00	33.63 2.17 0.00	34.01 2.31 0.00	35.12 2.42 0.00	36.26 2.59 0.00	39.89 3.26 -0.05	43.24 3.64 0.00	41.61 3.12 0.00	40.35 2.99 0.00	37.69 3.02 0.00	34.57 2.38 0.00	29.77 1.95 0.00	26.19 1.71 0.00
DEERFIELD_69_KV_DEERFIELD LD 355887	31.46 3.45 -3.16	27.08 3.04 -1.49	26.38 2.86 -1.71	23.67 2.70 -0.02	24.33 2.80 0.00	24.61 2.87 -0.13	27.96 3.33 -0.13	30.98 3.90 0.00	33.16 4.05 0.00	33.67 4.19 0.00	35.83 4.19 -1.08	38.97 4.92 -2.12	39.88 5.03 -3.38	46.19 5.26 -9.24	46.37 5.63 -8.04	78.01 5.82 -38.53	152.17 6.51 -109.06	193.21 7.21 -146.41	211.55 6.58 -166.48	204.97 6.57 -161.04	80.74 5.96 -40.11	62.19 5.38 -24.62	32.45 4.48 -0.15	30.86 3.99 -2.39
DELAWARE___LFGE 323621	25.79 0.94 0.00	23.34 0.79 0.00	22.60 0.79 0.00	21.73 0.78 0.00	22.37 0.84 0.00	22.43 0.82 0.00	25.48 0.98 0.00	28.30 1.22 0.00	30.42 1.31 0.00	30.81 1.33 0.00	31.91 1.34 0.00	33.40 1.47 0.00	32.91 1.45 0.00	33.16 1.46 0.00	34.21 1.50 0.00	35.25 1.58 0.00	38.42 1.83 0.00	41.34 1.94 0.19	40.41 1.92 0.00	39.22 1.87 0.00	36.37 1.73 0.04	33.67 1.48 0.00	29.05 1.22 0.00	25.55 1.08 0.00
DERFIELD_115KV_TB7 355931	25.13 0.22 -0.06	22.73 0.18 0.00	21.99 0.17 0.00	21.12 0.17 0.00	21.73 0.19 0.00	21.80 0.19 0.00	24.72 0.22 0.00	27.32 0.24 0.00	29.38 0.26 0.00	29.75 0.27 0.00	30.87 0.31 0.00	32.25 0.32 0.00	31.78 0.31 0.00	32.28 0.32 -0.27	33.70 0.29 -0.70	34.71 0.30 -0.74	37.84 0.37 -0.89	41.07 0.44 -1.04	39.88 0.42 -0.97	37.95 0.41 -0.18	35.09 0.42 0.00	32.51 0.32 0.00	28.10 0.28 0.00	24.72 0.24 0.00
DOGLEVILLE___HYD 23807	24.83 -0.07 -0.06	22.44 -0.11 0.00	21.68 -0.13 0.00	20.81 -0.15 0.00	21.39 -0.15 0.00	21.45 -0.15 0.00	24.35 -0.15 0.00	26.97 -0.11 0.00	29.03 -0.09 0.00	29.45 -0.03 0.00	30.53 -0.03 0.00	31.97 0.03 0.00	31.46 0.00 0.00	31.93 -0.03 -0.27	33.37 -0.03 -0.70	34.37 -0.03 -0.74	37.48 0.00 -0.89	40.63 0.00 -1.04	39.45 0.00 -0.97	37.58 0.04 -0.18	34.77 0.10 0.00	32.22 0.03 0.00	27.88 0.06 0.00	24.52 0.05 0.00
DUNKIRK___115KV_TB_200 55889	25.29 0.45 0.00	22.73 0.18 0.00	21.75 -0.07 0.00	20.79 -0.17 0.00	21.64 0.11 0.00	21.97 0.37 0.00	25.04 0.54 0.00	27.65 0.57 0.00	29.67 0.55 0.00	29.92 0.44 0.00	31.30 0.73 0.00	32.29 0.35 0.00	32.15 0.69 0.00	32.33 0.63 0.00	33.29 0.59 0.00	33.97 0.30 0.00	37.51 0.91 0.00	40.78 1.19 0.00	39.80 1.31 0.00	38.37 1.01 0.00	35.19 0.52 0.00	32.61 0.42 0.00	28.32 0.50 0.00	25.01 0.54 0.00
DUNKIRK___1 23563	25.29 0.45 0.00	22.73 0.18 0.00	21.75 -0.07 0.00	20.79 -0.17 0.00	21.64 0.11 0.00	21.97 0.37 0.00	25.04 0.54 0.00	27.65 0.57 0.00	29.67 0.55 0.00	29.92 0.44 0.00	31.30 0.73 0.00	32.29 0.35 0.00	32.15 0.69 0.00	32.33 0.63 0.00	33.29 0.59 0.00	33.97 0.30 0.00	37.51 0.91 0.00	40.78 1.19 0.00	39.80 1.31 0.00	38.37 1.01 0.00	35.19 0.52 0.00	32.61 0.42 0.00	28.32 0.50 0.00	25.01 0.54 0.00
DUNKIRK___2 23564	25.29 0.45 0.00	22.73 0.18 0.00	21.75 -0.07 0.00	20.79 -0.17 0.00	21.64 0.11 0.00	21.97 0.37 0.00	25.04 0.54 0.00	27.65 0.57 0.00	29.67 0.55 0.00	29.92 0.44 0.00	31.30 0.73 0.00	32.29 0.35 0.00	32.15 0.69 0.00	32.33 0.63 0.00	33.29 0.59 0.00	33.97 0.30 0.00	37.51 0.91 0.00	40.78 1.19 0.00	39.80 1.31 0.00	38.37 1.01 0.00	35.19 0.52 0.00	32.61 0.42 0.00	28.32 0.50 0.00	25.01 0.54 0.00
DUNKIRK___3 23565	25.19 0.35 0.00	22.64 0.09 0.00	21.66 -0.15 0.00	20.70 -0.25 0.00	21.56 0.02 0.00	21.86 0.26 0.00	24.89 0.39 0.00	27.46 0.38 0.00	29.46 0.35 0.00	29.72 0.24 0.00	31.08 0.52 0.00	32.13 0.19 0.00	32.00 0.53 0.00	32.17 0.48 0.00	33.16 0.46 0.00	33.87 0.20 0.00	37.40 0.80 0.00	40.66 1.07 0.00	39.68 1.19 0.00	38.22 0.86 0.00	35.05 0.38 0.00	32.45 0.26 0.00	28.21 0.39 0.00	24.92 0.44 0.00
DUNKIRK___4 23566	25.19 0.35 0.00	22.64 0.09 0.00	21.66 -0.15 0.00	20.70 -0.25 0.00	21.56 0.02 0.00	21.86 0.26 0.00	24.89 0.39 0.00	27.46 0.38 0.00	29.46 0.35 0.00	29.72 0.24 0.00	31.08 0.52 0.00	32.13 0.19 0.00	32.00 0.53 0.00	32.17 0.48 0.00	33.16 0.46 0.00	33.87 0.20 0.00	37.40 0.80 0.00	40.66 1.07 0.00	39.68 1.19 0.00	38.22 0.86 0.00	35.05 0.38 0.00	32.45 0.26 0.00	28.21 0.39 0.00	24.92 0.44 0.00
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	26.58 1.74 0.00	24.08 1.53 0.00	23.21 1.40 0.00	22.27 1.32 0.00	22.89 1.36 0.00	23.03 1.43 0.00	26.24 1.74 0.00	29.22 2.14 0.00	31.53 2.42 0.00	31.90 2.42 0.00	34.22 2.57 -1.08	36.91 2.84 -2.13	37.70 2.83 -3.40	38.38 2.95 -3.73	39.66 3.04 -3.91	40.69 3.20 -3.83	44.64 3.66 -4.39	48.48 4.08 -4.81	44.88 3.81 -2.58	42.88 3.66 -1.86	39.00 3.43 -0.90	35.15 2.96 0.00	30.24 2.42 0.00	26.63 2.15 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	26.31 1.47 0.00	23.81 1.26 0.00	22.97 1.16 0.00	22.06 1.11 0.00	22.68 1.14 0.00	22.77 1.17 0.00	25.92 1.42 0.00	28.78 1.71 0.00	31.01 1.89 0.00	31.37 1.89 0.00	32.24 2.02 0.34	33.46 2.20 0.68	32.62 2.23 1.08	32.86 2.35 1.18	33.88 2.42 1.24	35.04 2.59 1.21	38.43 3.00 1.16	42.34 3.37 0.62	40.83 3.16 0.82	39.79 3.03 0.59	37.40 2.84 0.12	34.60 2.41 0.00	29.82 2.00 0.00	26.24 1.76 0.00

E179THST_138_KV_TB4_REV_LBMP_J 345001	26.84 1.99 -0.01	24.29 1.74 -0.01	23.43 1.61 -0.01	22.34 1.38 0.00	22.96 1.42 0.00	23.09 1.49 0.00	26.29 1.79 0.00	29.24 2.17 0.00	31.59 2.47 0.00	31.96 2.48 0.00	34.28 2.63 -1.09	37.01 2.94 -2.13	37.80 2.93 -3.41	38.64 3.20 -3.74	39.69 3.07 -3.91	40.73 3.23 -3.83	44.68 3.70 -4.40	48.57 4.16 -4.82	44.88 3.81 -2.58	42.84 3.62 -1.86	39.22 3.64 -0.91	35.45 3.25 -0.01	30.49 2.67 0.00	26.88 2.40 -0.01
E179THST_13_KV_LOAD 356214	26.96 2.11 -0.01	24.41 1.85 -0.01	23.54 1.72 -0.01	22.44 1.49 0.00	23.06 1.53 0.00	23.20 1.60 0.00	26.41 1.91 0.00	29.38 2.30 0.00	31.76 2.65 0.00	32.13 2.65 0.00	34.46 2.81 -1.09	37.20 3.13 -2.13	37.98 3.11 -3.41	38.83 3.39 -3.74	39.89 3.27 -3.91	40.93 3.43 -3.83	44.94 3.95 -4.40	48.84 4.43 -4.82	45.15 4.08 -2.58	43.11 3.89 -1.86	39.46 3.88 -0.91	35.67 3.48 -0.01	30.66 2.84 0.00	27.03 2.55 -0.01
EAST HAMPTON___GT 23717	31.93 3.92 -3.16	27.45 3.41 -1.49	26.75 3.23 -1.71	23.99 3.02 -0.02	24.66 3.12 -0.01	24.93 3.20 -0.13	28.38 3.75 -0.13	31.45 4.36 -0.01	33.71 4.60 0.00	34.25 4.78 0.00	36.53 4.89 -1.08	39.73 5.68 -2.12	40.55 5.70 -3.39	46.86 5.93 -9.23	47.09 6.35 -8.04	78.78 6.60 -38.52	152.85 7.21 -109.05	194.10 8.12 -146.39	212.09 7.16 -166.44	205.77 7.40 -161.01	81.53 6.76 -40.10	62.86 6.05 -24.62	32.98 5.01 -0.15	31.27 4.40 -2.39
EAST RIVER___6 23660	26.71 1.86 0.00	24.11 1.55 0.00	23.23 1.42 0.00	22.27 1.32 0.00	22.89 1.36 0.00	23.03 1.43 0.00	26.26 1.76 0.00	29.32 2.25 0.00	31.70 2.59 0.00	32.07 2.59 0.00	34.43 2.78 -1.09	37.17 3.10 -2.13	37.92 3.05 -3.41	38.57 3.14 -3.74	39.86 3.24 -3.91	40.86 3.37 -3.83	44.76 3.77 -4.40	48.81 4.39 -4.82	45.11 4.04 -2.58	43.11 3.88 -1.86	39.28 3.71 -0.90	35.35 3.16 0.00	30.47 2.64 0.00	26.75 2.28 0.00
EAST RIVER___7 23524	26.71 1.86 0.00	24.11 1.55 0.00	23.23 1.42 0.00	22.27 1.32 0.00	22.89 1.36 0.00	23.03 1.43 0.00	26.26 1.76 0.00	29.32 2.25 0.00	31.70 2.59 0.00	32.07 2.59 0.00	34.43 2.78 -1.09	37.17 3.10 -2.13	37.92 3.05 -3.41	38.57 3.14 -3.74	39.86 3.24 -3.91	40.86 3.37 -3.83	44.76 3.77 -4.40	48.81 4.39 -4.82	45.11 4.04 -2.58	43.11 3.88 -1.86	39.28 3.71 -0.90	35.35 3.16 0.00	30.47 2.64 0.00	26.75 2.28 0.00
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	26.51 1.66 0.00	24.02 1.47 0.00	23.16 1.35 0.00	22.23 1.28 0.00	22.85 1.31 0.00	22.99 1.38 0.00	26.17 1.67 0.00	29.14 2.06 0.00	31.44 2.33 0.00	31.81 2.33 0.00	34.17 2.45 -1.16	36.96 2.75 -2.28	37.84 2.74 -3.64	38.54 2.85 -3.99	39.82 2.94 -4.17	40.81 3.06 -4.09	44.82 3.55 -4.68	48.76 3.96 -5.20	44.94 3.69 -2.75	42.89 3.55 -1.99	38.94 3.29 -0.97	35.05 2.86 0.00	30.16 2.34 0.00	26.56 2.08 0.00
EAST_HAMPTON___DIESEL 23722	31.93 3.92 -3.16	27.45 3.41 -1.49	26.75 3.23 -1.71	23.99 3.02 -0.02	24.66 3.12 -0.01	24.93 3.20 -0.13	28.38 3.75 -0.13	31.45 4.36 -0.01	33.71 4.60 0.00	34.25 4.78 0.00	36.53 4.89 -1.08	39.73 5.68 -2.12	40.55 5.70 -3.39	46.86 5.93 -9.23	47.09 6.35 -8.04	78.81 6.63 -38.52	152.85 7.21 -109.05	194.14 8.16 -146.39	212.09 7.16 -166.45	205.77 7.40 -161.02	81.56 6.80 -40.10	62.89 6.09 -24.62	33.01 5.04 -0.15	31.27 4.40 -2.39
EAST_POINT___SOLAR 323840	27.18 2.33 0.00	24.58 2.03 0.00	23.73 1.92 0.00	22.78 1.82 0.00	23.49 1.96 0.00	23.59 1.99 0.00	26.93 2.43 0.00	30.11 3.03 0.00	32.17 3.06 0.00	32.49 3.01 0.00	33.62 3.06 0.00	35.22 3.29 0.00	34.64 3.18 0.00	34.84 3.14 0.00	36.07 3.37 0.00	37.17 3.50 0.00	40.34 3.99 0.24	44.13 4.36 -0.18	43.61 5.12 0.00	42.33 4.97 0.00	39.28 4.58 -0.03	36.08 3.89 0.00	31.05 3.23 0.00	27.19 2.72 0.00
EAST_PULASKI___ESR 323781	24.85 0.07 0.07	22.48 -0.07 0.00	21.70 -0.11 0.00	20.83 -0.12 0.00	21.51 -0.02 0.00	21.60 0.00 0.00	24.57 0.07 0.00	27.11 0.03 0.00	29.06 -0.06 0.00	29.45 -0.03 0.00	30.44 -0.12 0.00	31.78 -0.16 0.00	31.34 -0.13 0.00	31.19 -0.19 0.32	31.71 -0.16 0.83	32.61 -0.17 0.88	35.24 -0.29 1.06	38.16 -0.20 1.24	37.22 -0.12 1.15	37.06 -0.07 0.22	34.57 -0.10 0.00	32.00 -0.19 0.00	27.74 -0.08 0.00	24.31 -0.17 0.00
EAST_RIVER___1 323558	26.68 1.84 0.00	24.11 1.55 0.00	23.25 1.44 0.00	22.27 1.32 0.00	22.89 1.36 0.00	23.05 1.45 0.00	26.29 1.79 0.00	29.32 2.25 0.00	31.70 2.59 0.00	32.07 2.59 0.00	34.43 2.78 -1.09	37.14 3.07 -2.13	37.89 3.02 -3.41	38.54 3.11 -3.74	39.86 3.24 -3.91	40.86 3.37 -3.83	44.76 3.77 -4.40	48.77 4.36 -4.82	45.11 4.04 -2.58	43.07 3.85 -1.86	39.21 3.64 -0.90	35.35 3.16 0.00	30.41 2.59 0.00	26.73 2.25 0.00
EAST_RIVER___2 323559	26.71 1.86 0.00	24.11 1.55 0.00	23.23 1.42 0.00	22.27 1.32 0.00	22.89 1.36 0.00	23.03 1.43 0.00	26.26 1.76 0.00	29.32 2.25 0.00	31.70 2.59 0.00	32.07 2.59 0.00	34.43 2.78 -1.09	37.17 3.10 -2.13	37.92 3.05 -3.41	38.57 3.14 -3.74	39.86 3.24 -3.91	40.86 3.37 -3.83	44.76 3.77 -4.40	48.81 4.39 -4.82	45.11 4.04 -2.58	43.11 3.88 -1.86	39.28 3.71 -0.90	35.35 3.16 0.00	30.47 2.64 0.00	26.75 2.28 0.00
EAST___DELAWARE_HYD 23607	25.89 1.04 0.00	23.36 0.81 0.00	22.53 0.72 0.00	21.62 0.67 0.00	22.24 0.71 0.00	22.32 0.71 0.00	25.43 0.93 0.00	28.24 1.16 0.00	30.42 1.31 0.00	30.78 1.30 0.00	31.97 1.41 0.00	33.50 1.56 0.00	33.03 1.57 0.00	33.38 1.68 0.00	34.50 1.80 0.00	35.62 1.95 0.00	38.97 2.27 -0.11	41.88 2.69 0.41	40.99 2.50 0.00	39.78 2.43 0.00	36.88 2.29 0.08	34.06 1.87 0.00	29.32 1.50 0.00	25.72 1.25 0.00
EIGHT_POINT___WT_PWR 323820	25.27 0.42 0.00	22.69 0.14 0.00	21.81 0.00 0.00	20.85 -0.10 0.00	21.75 0.22 0.00	22.04 0.43 0.00	25.18 0.69 0.00	27.81 0.73 0.00	29.75 0.64 0.00	29.98 0.50 0.00	31.27 0.70 0.00	32.29 0.35 0.00	32.00 0.53 0.00	32.05 0.35 0.00	32.97 0.26 0.00	33.90 0.24 0.00	37.21 0.62 0.00	40.66 1.07 0.00	39.37 0.89 0.00	37.99 0.63 0.00	35.26 0.59 0.00	32.67 0.48 0.00	28.52 0.70 0.00	24.92 0.44 0.00
ELBRIDGE_115KV_TB2 80188	24.92 0.07 0.00	22.55 0.00 0.00	21.75 -0.07 0.00	20.87 -0.08 0.00	21.53 0.00 0.00	21.65 0.04 0.00	24.57 0.07 0.00	27.11 0.03 0.00	29.11 0.00 0.00	29.51 0.03 0.00	30.59 0.03 0.00	31.90 -0.03 0.00	31.49 0.03 0.00	31.67 -0.03 0.00	32.70 0.00 0.00	33.63 -0.03 0.00	36.66 0.07 0.00	39.71 0.12 0.00	38.64 0.15 0.00	37.43 0.07 0.00	34.63 -0.03 0.00	32.12 -0.06 0.00	27.77 -0.06 0.00	24.38 -0.10 0.00
ELEC_TRO_TEK 24086	30.12 2.11 -3.16	25.91 1.87 -1.49	25.25 1.72 -1.71	22.60 1.63 -0.02	23.26 1.72 0.00	23.51 1.77 -0.13	26.71 2.08 -0.13	29.65 2.57 0.00	31.73 2.62 0.00	32.13 2.65 0.00	34.30 2.66 -1.08	37.18 3.13 -2.12	38.02 3.18 -3.38	41.90 3.26 -6.93	41.40 3.40 -5.29	41.05 3.57 -3.82	45.05 4.10 -4.36	48.92 4.55 -4.77	45.32 4.27 -2.56	43.31 4.11 -1.85	39.56 3.74 -1.15	37.95 3.28 -2.48	30.66 2.84 0.00	29.35 2.50 -2.38

ELLENBURG_WT_PWR 323604	23.05 -0.62 1.18	22.17 -0.38 0.00	21.59 -0.22 0.00	20.76 -0.19 0.00	21.43 -0.11 0.00	21.56 -0.04 0.00	24.06 -0.44 0.00	26.59 -0.49 0.00	28.44 -0.67 0.00	28.74 -0.74 0.00	29.71 -0.86 0.00	31.01 -0.93 0.00	30.20 -1.26 0.00	25.01 -1.33 5.36	17.46 -1.37 13.88	17.44 -1.41 14.81	17.52 -1.39 17.68	17.47 -1.42 20.70	17.87 -1.38 19.23	32.99 -0.71 3.66	34.22 -0.45 0.00	31.80 -0.38 0.00	27.46 -0.36 0.00	24.13 -0.34 0.00
ELM_ST_23_KV_LD_REV_LBMP_A 345012	24.97 0.12 0.00	22.44 -0.11 0.00	21.46 -0.35 0.00	20.49 -0.46 0.00	21.32 -0.22 0.00	21.60 0.00 0.00	24.55 0.05 0.00	27.02 -0.05 0.00	29.03 -0.09 0.00	29.30 -0.18 0.00	30.69 0.12 0.00	31.71 -0.22 0.00	31.59 0.13 0.00	31.73 0.03 0.00	32.77 0.07 0.00	33.46 -0.20 0.00	36.96 0.37 0.00	40.19 0.59 0.00	39.22 0.73 0.00	37.77 0.41 0.00	34.57 -0.10 0.00	32.03 -0.16 0.00	27.82 0.00 0.00	24.65 0.17 0.00
EMPIRE_CC_1 323656	25.74 0.89 0.00	23.43 0.88 0.00	22.66 0.85 0.00	21.79 0.84 0.00	22.40 0.86 0.00	22.51 0.91 0.00	25.38 0.88 0.00	28.00 0.92 0.00	30.19 1.08 0.00	30.60 1.12 0.00	32.05 1.19 -0.29	33.72 1.21 -0.57	33.42 1.04 -0.92	33.78 1.08 -1.01	34.84 1.08 -1.05	35.71 1.01 -1.03	37.49 1.14 0.24	41.58 1.39 -0.60	40.53 1.35 -0.70	39.35 1.50 -0.50	36.24 1.46 -0.11	33.48 1.29 0.00	28.82 1.00 0.00	25.41 0.93 0.00
EMPIRE_CC_2 323658	25.74 0.89 0.00	23.43 0.88 0.00	22.66 0.85 0.00	21.79 0.84 0.00	22.40 0.86 0.00	22.51 0.91 0.00	25.38 0.88 0.00	28.00 0.92 0.00	30.19 1.08 0.00	30.60 1.12 0.00	32.05 1.19 -0.29	33.72 1.21 -0.57	33.42 1.04 -0.92	33.78 1.08 -1.01	34.84 1.08 -1.05	35.71 1.01 -1.03	37.49 1.14 0.24	41.58 1.39 -0.60	40.53 1.35 -0.70	39.35 1.50 -0.50	36.24 1.46 -0.11	33.48 1.29 0.00	28.82 1.00 0.00	25.41 0.93 0.00
ENORWICH_115KV_TB1 80156	26.76 1.91 0.00	24.13 1.58 0.00	23.27 1.46 0.00	22.32 1.36 0.00	23.13 1.59 0.00	23.27 1.66 0.00	26.68 2.18 0.00	29.65 2.57 0.00	31.68 2.56 0.00	32.10 2.62 0.00	33.07 2.51 0.00	34.49 2.55 0.00	33.95 2.49 0.00	34.04 2.35 0.00	35.09 2.39 0.00	36.32 2.66 0.00	39.74 3.15 0.00	42.91 3.52 0.21	42.14 3.66 0.00	40.94 3.59 0.00	38.03 3.40 0.04	35.05 2.86 0.00	30.24 2.42 0.00	26.53 2.06 0.00
ERIE_ST_34_KV_TB1-2 80199	25.42 0.57 0.00	22.80 0.25 0.00	21.79 -0.02 0.00	20.81 -0.15 0.00	21.66 0.13 0.00	21.95 0.35 0.00	25.01 0.51 0.00	27.54 0.46 0.00	29.55 0.44 0.00	29.83 0.35 0.00	31.27 0.70 0.00	32.38 0.45 0.00	32.25 0.79 0.00	32.46 0.76 0.00	33.52 0.82 0.00	34.24 0.57 0.00	37.83 1.24 0.00	41.10 1.50 0.00	40.07 1.58 0.00	38.51 1.16 0.00	35.26 0.59 0.00	32.64 0.45 0.00	28.32 0.50 0.00	25.09 0.61 0.00
ERIE_WT_PWR 323693	25.24 0.40 0.00	22.60 0.05 0.00	21.59 -0.22 0.00	20.64 -0.31 0.00	21.49 -0.04 0.00	21.76 0.15 0.00	24.74 0.24 0.00	27.27 0.19 0.00	29.26 0.15 0.00	29.54 0.06 0.00	31.02 0.46 0.00	32.03 0.10 0.00	31.84 0.38 0.00	32.11 0.41 0.00	33.00 0.29 0.00	33.77 0.10 0.00	37.03 0.44 0.00	40.51 0.91 0.00	39.49 1.00 0.00	37.99 0.63 0.00	34.88 0.21 0.00	32.22 0.03 0.00	28.07 0.25 0.00	24.60 0.12 0.00
ESPRGFLD_115KV_TB1 80157	26.71 1.86 0.00	24.15 1.60 0.00	23.32 1.50 0.00	22.40 1.45 0.00	23.11 1.57 0.00	23.18 1.58 0.00	26.48 1.98 0.00	29.62 2.55 0.00	31.73 2.62 0.00	32.10 2.62 0.00	33.22 2.66 0.00	34.84 2.91 0.00	34.29 2.83 0.00	34.49 2.79 0.00	35.68 2.98 0.00	36.76 3.10 0.00	40.02 3.59 0.16	43.43 3.84 0.00	42.68 4.20 0.00	41.39 4.03 0.00	38.34 3.67 0.00	35.34 3.15 0.00	30.44 2.62 0.00	26.70 2.23 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	25.61 0.77 0.00	23.14 0.59 0.00	22.29 0.48 0.00	21.39 0.44 0.00	22.12 0.58 0.00	22.23 0.63 0.00	25.33 0.83 0.00	28.00 0.92 0.00	30.02 0.90 0.00	30.39 0.91 0.00	31.45 0.89 0.00	32.80 0.86 0.00	32.37 0.91 0.00	32.55 0.86 0.00	33.59 0.88 0.00	34.57 0.91 0.00	37.83 1.24 0.00	41.06 1.46 0.00	39.99 1.50 0.00	38.78 1.42 0.00	35.88 1.21 0.00	33.22 1.03 0.00	28.71 0.89 0.00	25.19 0.71 0.00
ETNA____115KV_TB2 80207	25.61 0.77 0.00	23.14 0.59 0.00	22.29 0.48 0.00	21.39 0.44 0.00	22.12 0.58 0.00	22.23 0.63 0.00	25.33 0.83 0.00	28.00 0.92 0.00	30.02 0.90 0.00	30.39 0.91 0.00	31.45 0.89 0.00	32.80 0.86 0.00	32.37 0.91 0.00	32.55 0.86 0.00	33.59 0.88 0.00	34.57 0.91 0.00	37.83 1.24 0.00	41.06 1.46 0.00	39.99 1.50 0.00	38.78 1.42 0.00	35.88 1.21 0.00	33.22 1.03 0.00	28.71 0.89 0.00	25.19 0.71 0.00
EUCLID____115KV_TB2 356179	24.82 -0.02 0.00	22.46 -0.09 0.00	21.66 -0.15 0.00	20.79 -0.17 0.00	21.45 -0.09 0.00	21.56 -0.04 0.00	24.45 -0.05 0.00	26.86 -0.22 0.00	28.88 -0.23 0.00	29.27 -0.21 0.00	30.35 -0.21 0.00	31.65 -0.29 0.00	31.21 -0.25 0.00	31.41 -0.29 0.00	32.44 -0.26 0.00	33.36 -0.30 0.00	36.37 -0.22 0.00	39.36 -0.24 0.00	38.26 -0.23 0.00	37.21 -0.15 0.00	34.46 -0.21 0.00	31.96 -0.23 0.00	27.65 -0.17 0.00	24.28 -0.20 0.00
E_CANADA_CAP_HY 24051	27.15 2.31 0.00	24.54 1.98 0.00	23.69 1.88 0.00	22.76 1.80 0.00	23.45 1.92 0.00	23.55 1.95 0.00	26.88 2.38 0.00	30.08 3.01 0.00	32.17 3.06 0.00	32.49 3.01 0.00	33.62 3.06 0.00	35.26 3.32 0.00	34.64 3.18 0.00	34.87 3.17 0.00	36.07 3.37 0.00	37.17 3.50 0.00	40.32 3.95 0.23	44.11 4.36 -0.16	43.53 5.04 0.00	42.25 4.89 0.00	39.21 4.51 -0.03	36.05 3.86 0.00	31.02 3.20 0.00	27.17 2.69 0.00
E_CANADA_MHWK_HY 24050	24.83 -0.07 -0.06	22.44 -0.11 0.00	21.68 -0.13 0.00	20.81 -0.15 0.00	21.39 -0.15 0.00	21.45 -0.15 0.00	24.35 -0.15 0.00	26.97 -0.11 0.00	29.03 -0.09 0.00	29.45 -0.03 0.00	30.53 -0.03 0.00	31.97 0.03 0.00	31.46 0.00 0.00	31.93 -0.03 -0.27	33.37 -0.03 -0.70	34.37 -0.03 -0.74	37.48 0.00 -0.89	40.63 0.00 -1.04	39.45 0.00 -0.97	37.58 0.04 -0.18	34.77 0.10 0.00	32.22 0.03 0.00	27.88 0.06 0.00	24.52 0.05 0.00
E_FISHKILL____LBMP 23776	26.26 1.42 0.00	23.81 1.26 0.00	22.99 1.18 0.00	22.06 1.11 0.00	22.68 1.14 0.00	22.79 1.19 0.00	25.90 1.40 0.00	28.78 1.71 0.00	31.03 1.92 0.00	31.40 1.92 0.00	32.98 2.02 -0.40	34.95 2.24 -0.78	34.91 2.20 -1.25	35.38 2.31 -1.37	36.49 2.35 -1.43	37.52 2.46 -1.40	41.19 2.85 -1.74	44.00 3.21 -1.20	42.40 2.96 -0.94	40.95 2.91 -0.68	37.63 2.74 -0.22	34.54 2.35 0.00	29.77 1.95 0.00	26.21 1.74 0.00
FALCON____SEABRD_CC1 323796	23.22 -0.45 1.18	22.35 -0.20 0.00	21.75 -0.07 0.00	20.89 -0.06 0.00	21.56 0.02 0.00	21.67 0.07 0.00	24.11 -0.39 0.00	26.67 -0.41 0.00	28.56 -0.55 0.00	28.83 -0.65 0.00	29.80 -0.76 0.00	31.10 -0.83 0.00	30.36 -1.10 0.00	25.17 -1.17 5.35	17.62 -1.21 13.87	17.65 -1.21 14.81	17.71 -1.21 17.68	17.59 -1.31 20.70	18.02 -1.23 19.23	33.21 -0.49 3.66	34.46 -0.21 0.00	32.03 -0.16 0.00	27.63 -0.19 0.00	24.28 -0.20 0.00

FALCON___SEABRD_CC2 323797	23.22 -0.45 1.18	22.35 -0.20 0.00	21.75 -0.07 0.00	20.89 -0.06 0.00	21.56 0.02 0.00	21.67 0.07 0.00	24.11 -0.39 0.00	26.67 -0.41 0.00	28.56 -0.55 0.00	28.83 -0.65 0.00	29.80 -0.76 0.00	31.10 -0.83 0.00	30.36 -1.10 0.00	25.17 -1.17 5.35	17.62 -1.21 13.87	17.65 -1.21 14.81	17.71 -1.21 17.68	17.59 -1.31 20.70	18.02 -1.23 19.23	33.21 -0.49 3.66	34.46 -0.21 0.00	32.03 -0.16 0.00	27.63 -0.19 0.00	24.28 -0.20 0.00
FAR ROCKAWAY___4 23548	30.56 2.56 -3.16	26.30 2.26 -1.49	25.64 2.12 -1.71	22.96 1.99 -0.02	23.62 2.09 0.00	23.85 2.12 -0.13	27.13 2.50 -0.13	30.08 3.01 0.00	32.23 3.12 0.00	32.66 3.18 0.00	34.82 3.18 -1.08	37.79 3.74 -2.12	38.62 3.78 -3.38	42.50 3.87 -6.93	42.12 4.12 -5.29	41.79 4.31 -3.82	45.89 4.94 -4.36	49.83 5.46 -4.77	46.25 5.20 -2.56	44.21 5.01 -1.85	40.36 4.54 -1.15	38.69 4.02 -2.48	31.24 3.42 0.00	29.82 2.96 -2.38
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	26.68 1.84 0.00	24.15 1.60 0.00	23.27 1.46 0.00	22.32 1.36 0.00	22.93 1.40 0.00	23.09 1.49 0.00	26.31 1.81 0.00	29.35 2.27 0.00	31.70 2.59 0.00	32.07 2.59 0.00	34.37 2.72 -1.09	37.13 3.07 -2.13	37.92 3.05 -3.41	38.60 3.17 -3.74	39.86 3.24 -3.91	40.90 3.40 -3.83	44.87 3.88 -4.40	48.77 4.36 -4.82	45.11 4.04 -2.58	43.07 3.85 -1.86	39.25 3.67 -0.90	35.38 3.19 0.00	30.44 2.62 0.00	26.78 2.30 0.00
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	26.68 1.84 0.00	24.15 1.60 0.00	23.27 1.46 0.00	22.32 1.36 0.00	22.93 1.40 0.00	23.09 1.49 0.00	26.31 1.81 0.00	29.35 2.27 0.00	31.70 2.59 0.00	32.07 2.59 0.00	34.37 2.72 -1.09	37.13 3.07 -2.13	37.92 3.05 -3.41	38.60 3.17 -3.74	39.86 3.24 -3.91	40.90 3.40 -3.83	44.87 3.88 -4.40	48.81 4.39 -4.82	45.11 4.04 -2.58	43.07 3.85 -1.86	39.25 3.67 -0.90	35.38 3.19 0.00	30.44 2.62 0.00	26.80 2.33 0.00
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	26.66 1.81 0.00	24.13 1.58 0.00	23.27 1.46 0.00	22.29 1.34 0.00	22.93 1.40 0.00	23.07 1.47 0.00	26.31 1.81 0.00	29.33 2.25 0.00	31.70 2.59 0.00	32.07 2.59 0.00	34.37 2.72 -1.09	37.10 3.03 -2.13	37.89 3.02 -3.41	38.57 3.14 -3.74	39.82 3.21 -3.91	40.86 3.37 -3.83	44.87 3.88 -4.40	48.77 4.36 -4.82	45.07 4.00 -2.58	43.03 3.81 -1.86	39.21 3.64 -0.90	35.34 3.15 0.00	30.41 2.59 0.00	26.78 2.30 0.00
FARRAGUT___LBMP 323566	26.63 1.79 0.00	24.11 1.56 0.00	23.25 1.44 0.00	22.29 1.34 0.00	22.91 1.38 0.00	23.05 1.45 0.00	26.29 1.79 0.00	29.30 2.22 0.00	31.68 2.56 0.00	32.04 2.56 0.00	34.34 2.69 -1.09	37.07 3.00 -2.13	37.86 2.99 -3.41	38.54 3.11 -3.74	39.79 3.17 -3.91	40.83 3.33 -3.83	44.80 3.81 -4.40	48.69 4.28 -4.82	45.04 3.96 -2.58	42.99 3.77 -1.86	39.18 3.61 -0.90	35.31 3.12 0.00	30.38 2.56 0.00	26.75 2.28 0.00
FENNER___WINDPWR 24204	25.66 0.82 0.00	23.16 0.61 0.00	22.36 0.55 0.00	21.46 0.50 0.00	22.16 0.62 0.00	22.25 0.65 0.00	25.33 0.83 0.00	28.05 0.97 0.00	30.10 0.99 0.00	30.51 1.03 0.00	31.60 1.04 0.00	32.96 1.02 0.00	32.50 2.99 0.00	32.65 0.95 0.00	33.72 1.01 0.00	34.71 1.04 0.00	37.76 1.17 0.00	40.98 1.39 0.00	39.87 1.38 0.00	38.66 1.31 0.00	35.88 1.21 0.00	33.19 1.00 0.00	28.68 0.86 0.00	25.14 0.66 0.00
FIBERTEK___ENERGY 23856	25.04 0.20 0.00	22.66 0.11 0.00	21.86 0.04 0.00	20.97 0.02 0.00	21.64 0.11 0.00	21.76 0.15 0.00	24.70 0.20 0.00	27.27 0.19 0.00	29.26 0.15 0.00	29.69 0.21 0.00	30.78 0.21 0.00	32.09 0.16 0.00	31.65 0.19 0.00	31.86 0.16 0.00	32.87 0.16 0.00	33.80 0.13 0.00	36.85 0.26 0.00	39.87 0.28 0.00	38.76 0.27 0.00	37.58 0.22 0.00	34.77 0.10 0.00	32.25 0.06 0.00	27.90 0.08 0.00	24.48 0.00 0.00
FITZPATRICK____ 23598	24.37 -0.47 0.00	22.05 -0.50 0.00	21.29 -0.52 0.00	20.43 -0.52 0.00	21.06 -0.47 0.00	21.15 -0.45 0.00	23.96 -0.54 0.00	26.37 -0.70 0.00	28.33 -0.78 0.00	28.71 -0.77 0.00	29.77 -0.79 0.00	31.04 -0.89 0.00	30.64 -0.82 0.00	30.84 -0.85 0.00	31.82 -0.88 0.00	32.72 -0.94 0.00	35.60 -0.99 0.00	38.56 -1.03 0.00	37.49 -1.00 0.00	36.39 -0.97 0.00	33.74 -0.93 0.00	31.29 -0.90 0.00	27.04 -0.78 0.00	23.74 -0.73 0.00
FLOWRFLD_69_KV_BK1 356044	30.84 2.83 -3.16	26.57 2.53 -1.49	25.88 2.36 -1.71	23.19 2.22 -0.02	23.84 2.30 0.00	24.11 2.38 -0.13	27.42 2.79 -0.13	30.38 3.30 0.00	32.34 3.23 0.00	32.78 3.30 0.00	34.79 3.15 -1.08	37.82 3.77 -2.12	38.74 3.90 -3.38	45.03 3.96 -9.37	45.09 4.19 -8.19	78.20 4.31 -40.23	155.61 4.87 -114.15	198.31 5.42 -153.29	218.04 5.12 -174.44	211.06 4.93 -168.78	81.16 4.47 -42.01	61.86 3.96 -25.72	31.61 3.62 -0.17	30.15 3.28 -2.40
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	26.58 1.74 0.00	24.06 1.51 0.00	23.21 1.40 0.00	22.29 1.34 0.00	22.91 1.38 0.00	23.03 1.43 0.00	26.19 1.69 0.00	29.05 1.98 0.00	31.36 2.24 0.00	31.75 2.27 0.00	32.98 2.41 0.00	34.52 2.59 0.00	34.07 2.61 0.00	34.42 2.73 0.00	35.55 2.85 0.00	36.66 3.00 0.00	40.25 3.48 -0.19	43.86 3.88 -0.39	42.14 3.66 0.00	40.91 3.55 0.00	38.04 3.29 -0.07	35.02 2.83 0.00	30.13 2.31 0.00	26.51 2.03 0.00
FORT ORANGE____ 23900	25.61 0.77 0.00	23.25 0.70 0.00	22.55 0.74 0.00	21.67 0.71 0.00	22.29 0.75 0.00	22.36 0.76 0.00	25.26 0.76 0.00	27.89 0.81 0.00	30.02 0.90 0.00	30.42 0.94 0.00	31.54 0.98 0.00	32.96 1.02 0.00	32.38 0.91 0.00	32.62 0.92 0.00	33.62 0.91 0.00	34.57 0.91 0.00	37.17 1.06 0.49	41.36 1.35 -0.42	39.87 1.38 0.00	38.81 1.46 0.00	36.17 1.42 -0.08	33.38 1.19 0.00	28.71 0.89 0.00	25.28 0.81 0.00
FORT_DRUM_COGEN 23780	25.06 0.45 0.23	22.75 0.20 0.00	21.99 0.17 0.00	21.10 0.15 0.00	21.90 0.37 0.00	21.99 0.39 0.00	25.16 0.66 0.00	27.81 0.73 0.00	29.75 0.64 0.00	30.07 0.59 0.00	30.93 0.37 0.00	32.32 0.38 0.00	31.78 0.31 0.00	30.71 0.06 1.06	30.27 0.29 2.73	31.08 0.34 2.92	33.33 0.22 3.48	35.87 0.36 4.08	35.20 0.50 3.79	37.31 0.67 0.72	35.43 0.76 0.00	32.70 0.52 0.00	28.29 0.47 0.00	24.79 0.32 0.00
FOX_HILLS___ESR 323835	26.94 2.09 -0.01	24.39 1.83 -0.01	23.50 1.68 -0.01	22.44 1.49 0.00	23.09 1.55 0.00	23.16 1.56 0.00	26.36 1.86 0.00	29.38 2.30 0.00	31.73 2.62 0.00	32.13 2.65 0.00	34.46 2.81 -1.09	37.17 3.10 -2.13	37.98 3.11 -3.41	38.74 3.30 -3.74	39.89 3.27 -3.91	40.96 3.47 -3.83	44.90 3.92 -4.40	48.80 4.39 -4.82	45.15 4.08 -2.58	43.11 3.89 -1.86	40.26 3.92 -1.67	35.65 3.35 -0.11	30.62 2.78 -0.02	27.00 2.52 -0.01
FPL FAR_ROCK_GT1 24212	30.61 2.61 -3.16	26.27 2.23 -1.49	25.62 2.09 -1.71	22.92 1.95 -0.02	23.59 2.05 -0.01	23.83 2.10 -0.13	27.13 2.50 -0.13	30.09 3.01 -0.01	32.23 3.12 0.00	32.66 3.18 0.00	34.88 3.24 -1.08	37.82 3.77 -2.12	38.62 3.77 -3.39	42.47 3.83 -6.93	42.05 4.05 -5.29	41.79 4.31 -3.82	45.75 4.79 -4.37	49.84 5.47 -4.78	46.29 5.23 -2.57	44.22 5.01 -1.86	40.40 4.58 -1.15	38.66 3.99 -2.48	31.25 3.42 -0.01	29.77 2.91 -2.38

FPL FAR_ROCK_GT2 23815	30.61 2.61 -3.16	26.27 2.23 -1.49	25.62 2.09 -1.71	22.92 1.95 -0.02	23.59 2.05 -0.01	23.83 2.10 -0.13	27.13 2.50 -0.13	30.09 3.01 -0.01	32.23 3.12 0.00	32.66 3.18 0.00	34.88 3.24 -1.08	37.82 3.77 -2.12	38.62 3.77 -3.39	42.47 3.83 -6.93	42.05 4.05 -5.29	41.79 4.31 -3.82	45.75 4.79 -4.37	49.84 5.47 -4.78	46.29 5.23 -2.57	44.22 5.01 -1.86	40.40 4.58 -1.15	38.66 3.99 -2.48	31.25 3.42 -0.01	29.77 2.91 -2.38
FRANKLIN_FALL_HYD 24054	22.82 -0.92 1.10	21.85 -0.70 0.00	21.22 -0.59 0.00	20.41 -0.54 0.00	20.98 -0.56 0.00	21.09 -0.52 0.00	24.03 -0.47 0.00	26.62 -0.46 0.00	28.56 -0.55 0.00	28.80 -0.68 0.00	29.71 -0.86 0.00	31.01 -0.93 0.00	30.39 -1.07 0.00	25.54 -1.14 5.02	18.56 -1.14 13.00	18.61 -1.18 13.88	18.71 -1.32 16.57	18.73 -1.46 19.40	19.00 -1.46 18.02	32.66 -1.27 3.43	33.77 -0.90 0.00	31.38 -0.80 0.00	27.15 -0.67 0.00	23.84 -0.64 0.00
FREEPORT_EQUS_GT1 23764	30.47 2.46 -3.16	26.16 2.12 -1.49	25.49 1.96 -1.71	22.81 1.84 -0.02	23.48 1.94 -0.01	23.72 1.99 -0.13	27.03 2.40 -0.13	29.98 2.90 -0.01	32.02 2.91 0.00	32.43 2.95 0.00	34.64 3.00 -1.08	37.56 3.51 -2.12	38.37 3.52 -3.39	42.24 3.61 -6.93	41.66 3.66 -5.29	41.35 3.87 -3.82	45.10 4.13 -4.37	49.12 4.75 -4.78	45.56 4.50 -2.57	43.54 4.33 -1.86	39.94 4.12 -1.15	38.37 3.70 -2.48	31.05 3.23 -0.01	29.65 2.79 -2.38
FREEPORT___CT2 23818	30.47 2.46 -3.16	26.16 2.12 -1.49	25.49 1.96 -1.71	22.81 1.84 -0.02	23.48 1.94 -0.01	23.72 1.99 -0.13	27.03 2.40 -0.13	29.98 2.90 -0.01	32.02 2.91 0.00	32.43 2.95 0.00	34.64 3.00 -1.08	37.56 3.51 -2.12	38.37 3.52 -3.39	42.24 3.61 -6.93	41.66 3.66 -5.29	41.35 3.87 -3.82	45.10 4.13 -4.37	49.12 4.75 -4.78	45.56 4.50 -2.57	43.54 4.33 -1.86	39.94 4.12 -1.15	38.37 3.70 -2.48	31.05 3.23 -0.01	29.65 2.79 -2.38
FRESHKLS_33_KV_LOAD 356253	26.96 2.11 -0.01	24.43 1.87 -0.01	23.52 1.70 -0.01	22.48 1.53 0.00	23.13 1.59 0.00	23.16 1.56 0.00	26.36 1.86 0.00	29.35 2.27 0.00	31.70 2.59 0.00	32.07 2.59 0.00	34.43 2.78 -1.09	37.09 3.03 -2.13	37.91 3.05 -3.40	38.66 3.23 -3.73	39.85 3.24 -3.91	40.92 3.43 -3.82	44.86 3.88 -4.39	48.80 4.39 -4.81	45.10 4.04 -2.57	43.10 3.89 -1.86	39.87 3.92 -1.29	35.57 3.32 -0.06	30.62 2.78 -0.02	27.03 2.55 -0.01
FULTON COGEN____ 23766	24.79 -0.05 0.00	22.42 -0.14 0.00	21.64 -0.17 0.00	20.76 -0.19 0.00	21.43 -0.11 0.00	21.52 -0.09 0.00	24.40 -0.10 0.00	26.89 -0.19 0.00	28.88 -0.23 0.00	29.27 -0.21 0.00	30.35 -0.21 0.00	31.68 -0.26 0.00	31.24 -0.22 0.00	31.44 -0.25 0.00	32.44 -0.26 0.00	33.39 -0.27 0.00	36.37 -0.27 0.00	39.36 -0.24 0.00	38.30 -0.19 0.00	37.17 -0.19 0.00	34.43 -0.24 0.00	31.90 -0.29 0.00	27.57 -0.25 0.00	24.21 -0.27 0.00
FULTON___LFGE 323630	28.02 3.18 0.00	25.32 2.77 0.00	24.41 2.59 0.00	23.42 2.47 0.00	24.16 2.63 0.00	24.26 2.66 0.00	27.81 3.31 0.00	31.00 3.93 0.00	33.28 4.16 0.00	33.73 4.25 0.00	34.87 4.31 0.00	36.47 4.53 0.00	35.87 4.40 0.00	35.95 4.25 0.00	37.12 4.41 0.00	38.34 4.68 0.00	41.68 5.38 0.29	45.98 6.14 -0.25	45.34 6.85 0.00	43.78 6.43 0.00	40.54 5.82 -0.05	37.18 4.99 0.00	31.80 3.98 0.00	27.88 3.40 0.00
G.F.CEMENT___DRP 24184	26.83 1.99 0.00	24.35 1.80 0.00	23.49 1.68 0.00	22.57 1.61 0.00	23.21 1.68 0.00	23.31 1.71 0.00	26.51 2.01 0.00	29.33 2.25 0.00	31.59 2.47 0.00	32.07 2.59 0.00	33.25 2.69 0.00	34.07 2.14 0.00	33.54 2.08 0.00	33.69 2.00 0.00	34.41 1.70 0.00	35.28 1.62 0.00	38.06 1.94 0.47	42.17 2.18 -0.40	41.18 2.69 0.00	40.05 2.69 0.00	37.38 2.63 -0.08	34.51 2.32 0.00	30.16 2.34 0.00	26.53 2.06 0.00
GARDENVILLE___LBMP 24039	25.04 0.20 0.00	22.51 -0.05 0.00	21.53 -0.28 0.00	20.56 -0.40 0.00	21.41 -0.13 0.00	21.69 0.09 0.00	24.65 0.15 0.00	27.16 0.08 0.00	29.14 0.03 0.00	29.42 -0.06 0.00	30.78 0.21 0.00	31.84 -0.10 0.00	31.71 0.25 0.00	31.86 0.16 0.00	32.90 0.20 0.00	33.60 -0.07 0.00	37.10 0.51 0.00	40.39 0.79 0.00	39.37 0.89 0.00	37.92 0.56 0.00	34.74 0.07 0.00	32.16 -0.03 0.00	27.93 0.11 0.00	24.75 0.27 0.00
GARDNVLA_35_KV_LD 355827	25.19 0.35 0.00	22.64 0.09 0.00	21.64 -0.17 0.00	20.66 -0.29 0.00	21.51 -0.02 0.00	21.80 0.19 0.00	24.77 0.27 0.00	27.29 0.22 0.00	29.29 0.17 0.00	29.57 0.09 0.00	30.96 0.40 0.00	32.03 0.10 0.00	31.90 0.44 0.00	32.08 0.38 0.00	33.13 0.43 0.00	33.80 0.13 0.00	37.36 0.77 0.00	40.66 1.07 0.00	39.64 1.15 0.00	38.14 0.78 0.00	34.95 0.28 0.00	32.35 0.16 0.00	28.10 0.28 0.00	24.89 0.42 0.00
GELCKHM___115KV_LOAD 80723	24.89 0.05 0.00	22.53 -0.02 0.00	21.72 -0.09 0.00	20.85 -0.10 0.00	21.51 -0.02 0.00	21.60 0.00 0.00	24.52 0.02 0.00	27.05 -0.03 0.00	29.06 -0.06 0.00	29.48 0.00 0.00	30.56 0.00 0.00	31.87 -0.06 0.00	31.46 0.00 0.00	31.63 -0.06 0.00	32.67 -0.03 0.00	33.56 -0.10 0.00	36.63 0.04 0.00	39.59 0.00 0.00	38.53 0.04 0.00	37.36 0.00 0.00	34.57 -0.10 0.00	32.06 -0.13 0.00	27.74 -0.08 0.00	24.35 -0.12 0.00
GENERAL___MILLS 23808	25.14 0.30 0.00	22.60 0.05 0.00	21.59 -0.22 0.00	20.62 -0.34 0.00	21.47 -0.06 0.00	21.76 0.15 0.00	24.72 0.22 0.00	27.24 0.16 0.00	29.23 0.12 0.00	29.51 0.03 0.00	30.87 0.31 0.00	31.93 0.00 0.00	31.84 0.38 0.00	31.98 0.29 0.00	33.03 0.33 0.00	33.73 0.07 0.00	37.25 0.66 0.00	40.54 0.95 0.00	39.53 1.04 0.00	38.03 0.67 0.00	34.84 0.17 0.00	32.25 0.06 0.00	28.04 0.22 0.00	24.82 0.34 0.00
GE_PLASTICS___DRP 24183	25.49 0.65 0.00	23.16 0.61 0.00	22.44 0.63 0.00	21.58 0.63 0.00	22.20 0.67 0.00	22.25 0.65 0.00	25.14 0.64 0.00	27.81 0.73 0.00	29.93 0.82 0.00	30.33 0.85 0.00	31.45 0.89 0.00	32.86 0.93 0.00	32.34 0.88 0.00	32.62 0.92 0.00	33.62 0.92 0.00	34.54 0.88 0.00	37.33 1.10 0.36	41.27 1.27 -0.41	39.72 1.23 0.00	38.63 1.27 0.00	35.99 1.25 -0.08	33.25 1.06 0.00	28.63 0.81 0.00	25.21 0.73 0.00
GILBOA___1 23756	25.61 0.77 0.00	23.18 0.63 0.00	22.57 0.76 0.00	21.77 0.82 0.00	22.40 0.86 0.00	22.32 0.71 0.00	25.23 0.73 0.00	27.97 0.89 0.00	30.10 0.99 0.00	30.48 1.00 0.00	31.63 1.07 0.00	33.08 1.15 0.00	32.59 1.13 0.00	32.84 1.14 0.00	33.88 1.18 0.00	34.87 1.21 0.00	37.95 1.32 -0.04	41.28 1.47 -0.22	39.87 1.38 0.00	38.81 1.46 0.00	36.10 1.39 -0.04	33.38 1.19 0.00	28.82 1.00 0.00	25.33 0.86 0.00
GILBOA___2 23757	25.61 0.77 0.00	23.18 0.63 0.00	22.57 0.76 0.00	21.77 0.82 0.00	22.40 0.86 0.00	22.32 0.71 0.00	25.23 0.73 0.00	27.97 0.89 0.00	30.10 0.99 0.00	30.48 1.00 0.00	31.63 1.07 0.00	33.08 1.15 0.00	32.59 1.13 0.00	32.84 1.14 0.00	33.88 1.18 0.00	34.87 1.21 0.00	37.95 1.32 -0.04	41.28 1.47 -0.22	39.87 1.38 0.00	38.81 1.46 0.00	36.10 1.39 -0.04	33.38 1.19 0.00	28.82 1.00 0.00	25.33 0.86 0.00

GILBOA___3 23758	25.61 0.77 0.00	23.18 0.63 0.00	22.57 0.76 0.00	21.77 0.82 0.00	22.40 0.86 0.00	22.32 0.71 0.00	25.23 0.73 0.00	27.97 0.89 0.00	30.10 0.99 0.00	30.48 1.00 0.00	31.63 1.07 0.00	33.08 1.15 0.00	32.59 1.13 0.00	32.84 1.14 0.00	33.88 1.18 0.00	34.87 1.21 0.00	37.95 1.32 -0.04	41.28 1.47 -0.22	39.87 1.38 0.00	38.81 1.46 0.00	36.10 1.39 -0.04	33.38 1.19 0.00	28.82 1.00 0.00	25.33 0.86 0.00
GILBOA___4 23759	25.61 0.77 0.00	23.18 0.63 0.00	22.57 0.76 0.00	21.77 0.82 0.00	22.40 0.86 0.00	22.32 0.71 0.00	25.23 0.73 0.00	27.97 0.89 0.00	30.10 0.99 0.00	30.48 1.00 0.00	31.63 1.07 0.00	33.08 1.15 0.00	32.59 1.13 0.00	32.84 1.14 0.00	33.88 1.18 0.00	34.87 1.21 0.00	37.95 1.32 -0.04	41.28 1.47 -0.22	39.87 1.38 0.00	38.81 1.46 0.00	36.10 1.39 -0.04	33.38 1.19 0.00	28.82 1.00 0.00	25.33 0.86 0.00
GILBOA___ 23599	25.59 0.75 0.00	23.20 0.65 0.00	22.60 0.79 0.00	21.77 0.82 0.00	22.40 0.86 0.00	22.34 0.73 0.00	25.23 0.73 0.00	27.97 0.89 0.00	30.10 0.99 0.00	30.48 1.00 0.00	31.60 1.04 0.00	33.08 1.15 0.00	32.59 1.13 0.00	32.87 1.17 0.00	33.88 1.18 0.00	34.88 1.21 0.00	38.02 1.39 -0.04	41.28 1.46 -0.22	39.87 1.39 0.00	38.81 1.46 0.00	36.06 1.35 -0.04	33.41 1.22 0.00	28.82 1.00 0.00	25.36 0.88 0.00
GINNA___ 23603	23.95 -0.89 0.00	21.51 -1.04 0.00	20.65 -1.16 0.00	19.76 -1.19 0.00	20.48 -1.05 0.00	20.65 -0.95 0.00	23.52 -0.98 0.00	26.08 -1.00 0.00	28.01 -1.11 0.00	28.33 -1.15 0.00	29.58 -0.98 0.00	30.75 -1.18 0.00	30.42 -1.04 0.00	30.59 -1.11 0.00	31.50 -1.21 0.00	32.35 -1.31 0.00	35.24 -1.35 0.00	38.41 -1.19 0.00	37.37 -1.12 0.00	36.01 -1.34 0.00	33.18 -1.49 0.00	30.71 -1.48 0.00	26.57 -1.25 0.00	23.20 -1.27 0.00
GLEN PARK___ 23778	25.30 0.67 0.22	22.93 0.38 0.00	22.14 0.33 0.00	21.27 0.31 0.00	22.07 0.54 0.00	22.14 0.54 0.00	25.36 0.86 0.00	28.03 0.95 0.00	29.93 0.81 0.00	30.30 0.82 0.00	31.11 0.55 0.00	32.51 0.58 0.00	31.96 0.50 0.00	30.95 0.25 1.00	30.61 0.49 2.59	31.47 0.57 2.76	33.70 0.40 3.30	36.41 0.67 3.86	35.75 0.85 3.59	37.68 1.01 0.68	35.78 1.11 0.00	32.99 0.81 0.00	28.52 0.70 0.00	24.99 0.51 0.00
GLENDALE_27_KV_LOAD 356172	26.89 2.04 -0.01	24.34 1.78 -0.01	23.46 1.64 -0.01	22.42 1.47 0.00	23.06 1.53 0.00	23.20 1.60 0.00	26.46 1.96 0.00	29.49 2.41 0.00	31.91 2.79 0.00	32.28 2.80 0.00	34.58 2.93 -1.09	37.33 3.26 -2.13	38.14 3.27 -3.41	38.90 3.46 -3.74	40.05 3.43 -3.91	41.10 3.60 -3.83	45.12 4.13 -4.40	49.04 4.63 -4.82	45.34 4.27 -2.58	43.29 4.07 -1.86	39.57 3.99 -0.91	35.67 3.48 -0.01	30.66 2.84 0.00	26.98 2.50 -0.01
GLENWOOD_IC_1_G5 23712	30.12 2.11 -3.16	25.91 1.87 -1.49	25.25 1.72 -1.71	22.60 1.63 -0.02	23.24 1.70 0.00	23.48 1.75 -0.13	26.71 2.08 -0.13	29.62 2.55 0.00	31.82 2.71 0.00	32.22 2.74 0.00	34.51 2.87 -1.08	37.34 3.29 -2.12	38.15 3.30 -3.38	42.05 3.42 -6.93	41.33 3.34 -5.29	40.98 3.50 -3.82	44.98 4.02 -4.36	48.84 4.47 -4.77	45.24 4.20 -2.56	43.20 4.00 -1.85	39.77 3.95 -1.15	38.11 3.44 -2.48	30.69 2.87 0.00	29.38 2.52 -2.38
GLENWOOD_IC_2_G1 23688	29.97 1.96 -3.16	25.71 1.67 -1.49	25.07 1.55 -1.71	22.44 1.47 -0.02	23.05 1.51 -0.01	23.31 1.58 -0.13	26.54 1.91 -0.13	29.44 2.35 -0.01	31.65 2.53 0.00	32.04 2.56 0.00	34.36 2.72 -1.08	37.15 3.10 -2.12	37.90 3.05 -3.39	41.77 3.14 -6.93	41.27 3.27 -5.29	40.88 3.40 -3.82	44.77 3.81 -4.37	48.73 4.36 -4.78	45.18 4.12 -2.57	43.13 3.92 -1.86	39.49 3.67 -1.15	37.82 3.16 -2.48	30.50 2.67 -0.01	29.16 2.30 -2.38
GLENWOOD_IC_3_G1 23689	29.97 1.96 -3.16	25.71 1.67 -1.49	25.07 1.55 -1.71	22.44 1.47 -0.02	23.05 1.51 -0.01	23.31 1.58 -0.13	26.54 1.91 -0.13	29.44 2.35 -0.01	31.65 2.53 0.00	32.04 2.56 0.00	34.36 2.72 -1.08	37.15 3.10 -2.12	37.90 3.05 -3.39	41.77 3.14 -6.93	41.27 3.27 -5.29	40.88 3.40 -3.82	44.77 3.81 -4.37	48.73 4.36 -4.78	45.18 4.12 -2.57	43.13 3.92 -1.86	39.49 3.67 -1.15	37.82 3.16 -2.48	30.50 2.67 -0.01	29.16 2.30 -2.38
GLENWOOD___4 23550	30.12 2.11 -3.16	25.91 1.87 -1.49	25.25 1.72 -1.71	22.60 1.63 -0.02	23.24 1.70 0.00	23.48 1.75 -0.13	26.71 2.08 -0.13	29.62 2.55 0.00	31.82 2.71 0.00	32.22 2.74 0.00	34.51 2.87 -1.08	37.34 3.29 -2.12	38.15 3.30 -3.38	42.05 3.42 -6.93	41.43 3.43 -5.29	41.08 3.60 -3.82	45.05 4.10 -4.36	48.92 4.55 -4.77	45.32 4.27 -2.56	43.31 4.11 -1.85	39.77 3.95 -1.15	38.11 3.44 -2.48	30.69 2.87 0.00	29.38 2.52 -2.38
GLENWOOD___5 23614	30.12 2.11 -3.16	25.91 1.87 -1.49	25.25 1.72 -1.71	22.60 1.63 -0.02	23.24 1.70 0.00	23.48 1.75 -0.13	26.71 2.08 -0.13	29.62 2.55 0.00	31.82 2.71 0.00	32.22 2.74 0.00	34.51 2.87 -1.08	37.34 3.29 -2.12	38.15 3.30 -3.38	42.05 3.42 -6.93	41.43 3.43 -5.29	41.08 3.60 -3.82	45.05 4.10 -4.36	48.92 4.55 -4.77	45.32 4.27 -2.56	43.31 4.11 -1.85	39.77 3.95 -1.15	38.11 3.44 -2.48	30.69 2.87 0.00	29.38 2.52 -2.38
GLOBAL GREEN_PORT_GT1 23814	31.83 3.82 -3.16	27.36 3.32 -1.49	26.67 3.14 -1.71	23.90 2.93 -0.02	24.58 3.04 -0.01	24.85 3.11 -0.13	28.30 3.67 -0.13	31.36 4.28 -0.01	33.59 4.48 0.00	34.11 4.63 0.00	36.38 4.74 -1.08	39.58 5.53 -2.12	40.42 5.57 -3.39	46.73 5.80 -9.23	46.96 6.22 -8.04	78.63 6.46 -38.51	152.67 7.06 -109.01	193.90 7.96 -146.34	211.46 6.58 -166.39	205.60 7.29 -160.96	81.41 6.66 -40.09	62.72 5.92 -24.61	32.90 4.92 -0.15	31.18 4.31 -2.39
GLOBE___DSASP 323697	24.07 -0.77 0.00	21.67 -0.88 0.00	20.72 -1.09 0.00	19.78 -1.17 0.00	20.59 -0.95 0.00	20.85 -0.76 0.00	23.59 -0.91 0.00	25.94 -1.14 0.00	27.83 -1.28 0.00	28.12 -1.36 0.00	29.40 -1.16 0.00	30.40 -1.53 0.00	30.27 -1.20 0.00	30.37 -1.33 0.00	31.40 -1.31 0.00	32.08 -1.58 0.00	35.46 -1.13 0.00	38.60 -0.99 0.00	37.68 -0.81 0.00	36.31 -1.05 0.00	33.21 -1.46 0.00	30.77 -1.42 0.00	26.79 -1.03 0.00	23.77 -0.71 0.00
GOETHSLN___LBMP 323567	26.53 1.69 0.00	24.02 1.47 0.00	23.14 1.33 0.00	22.19 1.24 0.00	22.81 1.27 0.00	22.97 1.36 0.00	26.19 1.69 0.00	29.22 2.14 0.00	31.59 2.47 0.00	31.96 2.48 0.00	34.22 2.57 -1.09	36.97 2.91 -2.13	37.73 2.86 -3.41	38.41 2.98 -3.74	39.66 3.04 -3.91	40.73 3.23 -3.83	44.65 3.66 -4.40	48.53 4.12 -4.82	44.88 3.81 -2.58	42.85 3.62 -1.86	39.04 3.47 -0.90	35.25 3.06 0.00	30.30 2.48 0.00	26.68 2.20 0.00
GOLAH___69_KV_TB 1_2 80279	25.34 0.50 0.00	22.82 0.27 0.00	21.86 0.04 0.00	20.87 -0.08 0.00	21.66 0.13 0.00	21.86 0.26 0.00	24.87 0.37 0.00	27.51 0.43 0.00	29.46 0.35 0.00	29.77 0.29 0.00	31.08 0.52 0.00	32.29 0.35 0.00	31.97 0.50 0.00	32.08 0.38 0.00	33.16 0.46 0.00	33.93 0.27 0.00	37.21 0.62 0.00	40.47 0.87 0.00	39.53 1.04 0.00	38.03 0.67 0.00	34.98 0.31 0.00	32.41 0.23 0.00	28.04 0.22 0.00	24.75 0.27 0.00

GOODYEAR_LAKE_HYD 323669	26.16 1.32 0.00	23.66 1.10 0.00	22.88 1.07 0.00	21.98 1.03 0.00	22.65 1.12 0.00	22.71 1.10 0.00	25.87 1.37 0.00	28.81 1.73 0.00	30.95 1.83 0.00	31.37 1.89 0.00	32.46 1.89 0.00	34.01 2.08 0.00	33.51 2.05 0.00	33.73 2.03 0.00	34.80 2.09 0.00	35.89 2.22 0.00	39.08 2.52 0.04	42.29 2.69 0.00	41.26 2.77 0.00	40.01 2.65 0.00	37.13 2.46 0.00	34.28 2.09 0.00	29.55 1.72 0.00	25.97 1.49 0.00
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	25.39 0.55 0.00	22.93 0.38 0.00	22.12 0.31 0.00	21.20 0.25 0.00	21.92 0.39 0.00	22.04 0.43 0.00	25.09 0.59 0.00	27.70 0.62 0.00	29.78 0.67 0.00	30.13 0.65 0.00	31.24 0.67 0.00	32.60 0.67 0.00	32.22 0.76 0.00	32.43 0.73 0.00	33.49 0.78 0.00	34.44 0.77 0.00	37.69 1.10 0.00	40.72 1.27 0.14	39.72 1.23 0.00	38.48 1.12 0.00	35.54 0.90 0.03	32.93 0.74 0.00	28.49 0.67 0.00	25.04 0.56 0.00
GOUDEY___7 23579	25.42 0.57 0.00	22.96 0.41 0.00	22.12 0.31 0.00	21.23 0.27 0.00	21.94 0.41 0.00	22.06 0.45 0.00	25.11 0.61 0.00	27.73 0.65 0.00	29.81 0.70 0.00	30.16 0.68 0.00	31.30 0.73 0.00	32.67 0.73 0.00	32.25 0.79 0.00	32.49 0.79 0.00	33.52 0.82 0.00	34.51 0.84 0.00	37.73 1.13 0.00	40.76 1.31 0.14	39.76 1.27 0.00	38.51 1.16 0.00	35.58 0.94 0.03	32.99 0.80 0.00	28.52 0.70 0.00	25.06 0.59 0.00
GOUDEY___8 23580	25.39 0.55 0.00	22.93 0.38 0.00	22.12 0.31 0.00	21.20 0.25 0.00	21.92 0.39 0.00	22.04 0.43 0.00	25.09 0.59 0.00	27.70 0.62 0.00	29.78 0.67 0.00	30.13 0.65 0.00	31.24 0.67 0.00	32.60 0.67 0.00	32.22 0.76 0.00	32.43 0.73 0.00	33.49 0.78 0.00	34.44 0.77 0.00	37.69 1.10 0.00	40.72 1.27 0.14	39.72 1.23 0.00	38.48 1.12 0.00	35.54 0.90 0.03	32.93 0.74 0.00	28.49 0.67 0.00	25.04 0.56 0.00
GOWANUS_GT1_1 24077	26.94 2.09 -0.01	24.36 1.80 -0.01	23.48 1.66 -0.01	22.44 1.49 0.00	23.09 1.55 0.00	23.18 1.58 0.00	26.41 1.91 0.00	29.43 2.36 0.00	31.82 2.71 0.00	32.19 2.71 0.00	34.55 2.90 -1.09	37.26 3.19 -2.13	38.11 3.24 -3.41	38.83 3.39 -3.74	39.99 3.37 -3.91	41.06 3.57 -3.83	45.01 4.02 -4.40	48.96 4.55 -4.82	45.27 4.20 -2.58	43.26 4.03 -1.86	40.37 4.02 -1.67	35.75 3.44 -0.11	30.68 2.84 -0.02	27.03 2.55 -0.01
GOWANUS_GT1_2 24078	26.94 2.09 -0.01	24.36 1.80 -0.01	23.48 1.66 -0.01	22.44 1.49 0.00	23.09 1.55 0.00	23.18 1.58 0.00	26.41 1.91 0.00	29.43 2.36 0.00	31.82 2.71 0.00	32.19 2.71 0.00	34.55 2.90 -1.09	37.26 3.19 -2.13	38.11 3.24 -3.41	38.83 3.39 -3.74	39.99 3.37 -3.91	41.06 3.57 -3.83	45.01 4.02 -4.40	48.96 4.55 -4.82	45.27 4.20 -2.58	43.26 4.03 -1.86	40.37 4.02 -1.67	35.75 3.44 -0.11	30.68 2.84 -0.02	27.03 2.55 -0.01
GOWANUS_GT1_3 24079	26.94 2.09 -0.01	24.36 1.80 -0.01	23.48 1.66 -0.01	22.44 1.49 0.00	23.09 1.55 0.00	23.18 1.58 0.00	26.41 1.91 0.00	29.43 2.36 0.00	31.82 2.71 0.00	32.19 2.71 0.00	34.55 2.90 -1.09	37.26 3.19 -2.13	38.11 3.24 -3.41	38.83 3.39 -3.74	39.99 3.37 -3.91	41.06 3.57 -3.83	45.01 4.02 -4.40	48.96 4.55 -4.82	45.27 4.20 -2.58	43.26 4.03 -1.86	40.37 4.02 -1.67	35.75 3.44 -0.11	30.68 2.84 -0.02	27.03 2.55 -0.01
GOWANUS_GT1_4 24080	26.94 2.09 -0.01	24.36 1.80 -0.01	23.48 1.66 -0.01	22.44 1.49 0.00	23.09 1.55 0.00	23.18 1.58 0.00	26.41 1.91 0.00	29.43 2.36 0.00	31.82 2.71 0.00	32.19 2.71 0.00	34.55 2.90 -1.09	37.26 3.19 -2.13	38.11 3.24 -3.41	38.83 3.39 -3.74	39.99 3.37 -3.91	41.06 3.57 -3.83	45.01 4.02 -4.40	48.96 4.55 -4.82	45.27 4.20 -2.58	43.26 4.03 -1.86	40.37 4.02 -1.67	35.75 3.44 -0.11	30.68 2.84 -0.02	27.03 2.55 -0.01
GOWANUS_GT1_5 24084	26.94 2.09 -0.01	24.36 1.80 -0.01	23.48 1.66 -0.01	22.44 1.49 0.00	23.09 1.55 0.00	23.18 1.58 0.00	26.41 1.91 0.00	29.43 2.36 0.00	31.82 2.71 0.00	32.19 2.71 0.00	34.55 2.90 -1.09	37.26 3.19 -2.13	38.11 3.24 -3.41	38.83 3.39 -3.74	39.99 3.37 -3.91	41.06 3.57 -3.83	45.01 4.02 -4.40	48.96 4.55 -4.82	45.27 4.20 -2.58	43.26 4.03 -1.86	40.37 4.02 -1.67	35.75 3.44 -0.11	30.68 2.84 -0.02	27.03 2.55 -0.01
GOWANUS_GT1_6 24111	26.94 2.09 -0.01	24.36 1.80 -0.01	23.48 1.66 -0.01	22.44 1.49 0.00	23.09 1.55 0.00	23.18 1.58 0.00	26.41 1.91 0.00	29.43 2.36 0.00	31.82 2.71 0.00	32.19 2.71 0.00	34.55 2.90 -1.09	37.26 3.19 -2.13	38.11 3.24 -3.41	38.83 3.39 -3.74	39.99 3.37 -3.91	41.06 3.57 -3.83	45.01 4.02 -4.40	48.96 4.55 -4.82	45.27 4.20 -2.58	43.26 4.03 -1.86	40.37 4.02 -1.67	35.75 3.44 -0.11	30.68 2.84 -0.02	27.03 2.55 -0.01
GOWANUS_GT1_7 24112	26.94 2.09 -0.01	24.36 1.80 -0.01	23.48 1.66 -0.01	22.44 1.49 0.00	23.09 1.55 0.00	23.18 1.58 0.00	26.41 1.91 0.00	29.43 2.36 0.00	31.82 2.71 0.00	32.19 2.71 0.00	34.55 2.90 -1.09	37.26 3.19 -2.13	38.11 3.24 -3.41	38.83 3.39 -3.74	39.99 3.37 -3.91	41.06 3.57 -3.83	45.01 4.02 -4.40	48.96 4.55 -4.82	45.27 4.20 -2.58	43.26 4.03 -1.86	40.37 4.02 -1.67	35.75 3.44 -0.11	30.68 2.84 -0.02	27.03 2.55 -0.01
GOWANUS_GT1_8 24113	26.94 2.09 -0.01	24.36 1.80 -0.01	23.48 1.66 -0.01	22.44 1.49 0.00	23.09 1.55 0.00	23.18 1.58 0.00	26.41 1.91 0.00	29.43 2.36 0.00	31.82 2.71 0.00	32.19 2.71 0.00	34.55 2.90 -1.09	37.26 3.19 -2.13	38.11 3.24 -3.41	38.83 3.39 -3.74	39.99 3.37 -3.91	41.06 3.57 -3.83	45.01 4.02 -4.40	48.96 4.55 -4.82	45.27 4.20 -2.58	43.26 4.03 -1.86	40.37 4.02 -1.67	35.75 3.44 -0.11	30.68 2.84 -0.02	27.03 2.55 -0.01
GOWANUS_GT2_1 24114	26.96 2.11 -0.01	24.34 1.78 -0.01	23.46 1.64 -0.01	22.42 1.47 0.00	23.04 1.51 0.00	23.14 1.53 0.00	26.41 1.91 0.00	29.43 2.35 0.00	31.82 2.71 0.00	32.19 2.71 0.00	34.61 2.96 -1.09	37.29 3.22 -2.13	38.11 3.24 -3.41	38.77 3.33 -3.74	39.96 3.34 -3.91	41.06 3.57 -3.83	44.91 3.92 -4.40	49.00 4.59 -4.82	45.30 4.23 -2.58	43.26 4.04 -1.86	40.33 3.99 -1.67	35.71 3.41 -0.11	30.68 2.84 -0.02	26.98 2.50 -0.01
GOWANUS_GT2_2 24115	26.96 2.11 -0.01	24.34 1.78 -0.01	23.46 1.64 -0.01	22.42 1.47 0.00	23.04 1.51 0.00	23.14 1.53 0.00	26.41 1.91 0.00	29.43 2.35 0.00	31.82 2.71 0.00	32.19 2.71 0.00	34.61 2.96 -1.09	37.29 3.22 -2.13	38.11 3.24 -3.41	38.77 3.33 -3.74	39.96 3.34 -3.91	41.06 3.57 -3.83	44.91 3.92 -4.40	49.00 4.59 -4.82	45.30 4.23 -2.58	43.26 4.04 -1.86	40.33 3.99 -1.67	35.71 3.41 -0.11	30.68 2.84 -0.02	26.98 2.50 -0.01
GOWANUS_GT2_3 24116	26.96 2.11 -0.01	24.34 1.78 -0.01	23.46 1.64 -0.01	22.42 1.47 0.00	23.04 1.51 0.00	23.14 1.53 0.00	26.41 1.91 0.00	29.43 2.35 0.00	31.82 2.71 0.00	32.19 2.71 0.00	34.61 2.96 -1.09	37.29 3.22 -2.13	38.11 3.24 -3.41	38.77 3.33 -3.74	39.96 3.34 -3.91	41.06 3.57 -3.83	44.91 3.92 -4.40	49.00 4.59 -4.82	45.30 4.23 -2.58	43.26 4.04 -1.86	40.33 3.99 -1.67	35.71 3.41 -0.11	30.68 2.84 -0.02	26.98 2.50 -0.01

GOWANUS_GT2_4 24117	26.96 2.11 -0.01	24.34 1.78 -0.01	23.46 1.64 -0.01	22.42 1.47 0.00	23.04 1.51 0.00	23.14 1.53 0.00	26.41 1.91 0.00	29.43 2.35 0.00	31.82 2.71 0.00	32.19 2.71 0.00	34.61 2.96 -1.09	37.29 3.22 -2.13	38.11 3.24 -3.41	38.77 3.33 -3.74	39.96 3.34 -3.91	41.06 3.57 -3.83	44.91 3.92 -4.40	49.00 4.59 -4.82	45.30 4.23 -2.58	43.26 4.04 -1.86	40.33 3.99 -1.67	35.71 3.41 -0.11	30.68 2.84 -0.02	26.98 2.50 -0.01
GOWANUS_GT2_5 24118	26.96 2.11 -0.01	24.34 1.78 -0.01	23.46 1.64 -0.01	22.42 1.47 0.00	23.04 1.51 0.00	23.14 1.53 0.00	26.41 1.91 0.00	29.43 2.35 0.00	31.82 2.71 0.00	32.19 2.71 0.00	34.61 2.96 -1.09	37.29 3.22 -2.13	38.11 3.24 -3.41	38.77 3.33 -3.74	39.96 3.34 -3.91	41.06 3.57 -3.83	44.91 3.92 -4.40	49.00 4.59 -4.82	45.30 4.23 -2.58	43.26 4.04 -1.86	40.33 3.99 -1.67	35.71 3.41 -0.11	30.68 2.84 -0.02	26.98 2.50 -0.01
GOWANUS_GT2_6 24119	26.96 2.11 -0.01	24.34 1.78 -0.01	23.46 1.64 -0.01	22.42 1.47 0.00	23.04 1.51 0.00	23.14 1.53 0.00	26.41 1.91 0.00	29.43 2.35 0.00	31.82 2.71 0.00	32.19 2.71 0.00	34.61 2.96 -1.09	37.29 3.22 -2.13	38.11 3.24 -3.41	38.77 3.33 -3.74	39.96 3.34 -3.91	41.06 3.57 -3.83	44.91 3.92 -4.40	49.00 4.59 -4.82	45.30 4.23 -2.58	43.26 4.04 -1.86	40.33 3.99 -1.67	35.71 3.41 -0.11	30.68 2.84 -0.02	26.98 2.50 -0.01
GOWANUS_GT2_7 24120	26.96 2.11 -0.01	24.34 1.78 -0.01	23.46 1.64 -0.01	22.42 1.47 0.00	23.04 1.51 0.00	23.14 1.53 0.00	26.41 1.91 0.00	29.43 2.35 0.00	31.82 2.71 0.00	32.19 2.71 0.00	34.61 2.96 -1.09	37.29 3.22 -2.13	38.11 3.24 -3.41	38.77 3.33 -3.74	39.96 3.34 -3.91	41.06 3.57 -3.83	44.91 3.92 -4.40	49.00 4.59 -4.82	45.30 4.23 -2.58	43.26 4.04 -1.86	40.33 3.99 -1.67	35.71 3.41 -0.11	30.68 2.84 -0.02	26.98 2.50 -0.01
GOWANUS_GT2_8 24121	26.96 2.11 -0.01	24.34 1.78 -0.01	23.46 1.64 -0.01	22.42 1.47 0.00	23.04 1.51 0.00	23.14 1.53 0.00	26.41 1.91 0.00	29.43 2.35 0.00	31.82 2.71 0.00	32.19 2.71 0.00	34.61 2.96 -1.09	37.29 3.22 -2.13	38.11 3.24 -3.41	38.77 3.33 -3.74	39.96 3.34 -3.91	41.06 3.57 -3.83	44.91 3.92 -4.40	49.00 4.59 -4.82	45.30 4.23 -2.58	43.26 4.04 -1.86	40.33 3.99 -1.67	35.71 3.41 -0.11	30.68 2.84 -0.02	26.98 2.50 -0.01
GOWANUS_GT3_1 24122	26.96 2.11 -0.01	24.34 1.78 -0.01	23.46 1.64 -0.01	22.42 1.47 0.00	23.04 1.51 0.00	23.14 1.53 0.00	26.41 1.91 0.00	29.43 2.35 0.00	31.82 2.71 0.00	32.19 2.71 0.00	34.61 2.96 -1.09	37.29 3.22 -2.13	38.11 3.24 -3.41	38.77 3.33 -3.74	39.96 3.34 -3.91	41.06 3.57 -3.83	44.91 3.92 -4.40	49.00 4.59 -4.82	45.30 4.23 -2.58	43.26 4.04 -1.86	40.33 3.99 -1.67	35.71 3.41 -0.11	30.68 2.84 -0.02	26.98 2.50 -0.01
GOWANUS_GT3_2 24123	26.96 2.11 -0.01	24.34 1.78 -0.01	23.46 1.64 -0.01	22.42 1.47 0.00	23.04 1.51 0.00	23.14 1.53 0.00	26.41 1.91 0.00	29.43 2.35 0.00	31.82 2.71 0.00	32.19 2.71 0.00	34.61 2.96 -1.09	37.29 3.22 -2.13	38.11 3.24 -3.41	38.77 3.33 -3.74	39.96 3.34 -3.91	41.06 3.57 -3.83	44.91 3.92 -4.40	49.00 4.59 -4.82	45.30 4.23 -2.58	43.26 4.04 -1.86	40.33 3.99 -1.67	35.71 3.41 -0.11	30.68 2.84 -0.02	26.98 2.50 -0.01
GOWANUS_GT3_3 24124	26.96 2.11 -0.01	24.34 1.78 -0.01	23.46 1.64 -0.01	22.42 1.47 0.00	23.0																			

GOWANUS_GT4_3 24132	26.94 2.09 -0.01	24.36 1.80 -0.01	23.48 1.66 -0.01	22.44 1.49 0.00	23.09 1.55 0.00	23.18 1.58 0.00	26.41 1.91 0.00	29.43 2.36 0.00	31.82 2.71 0.00	32.19 2.71 0.00	34.55 2.90 -1.09	37.26 3.19 -2.13	38.11 3.24 -3.41	38.83 3.39 -3.74	39.99 3.37 -3.91	41.06 3.57 -3.83	45.01 4.02 -4.40	48.96 4.55 -4.82	45.27 4.20 -2.58	43.26 4.03 -1.86	40.37 4.02 -1.67	35.75 3.44 -0.11	30.68 2.84 -0.02	27.03 2.55 -0.01
GOWANUS_GT4_4 24133	26.94 2.09 -0.01	24.36 1.80 -0.01	23.48 1.66 -0.01	22.44 1.49 0.00	23.09 1.55 0.00	23.18 1.58 0.00	26.41 1.91 0.00	29.43 2.36 0.00	31.82 2.71 0.00	32.19 2.71 0.00	34.55 2.90 -1.09	37.26 3.19 -2.13	38.11 3.24 -3.41	38.83 3.39 -3.74	39.99 3.37 -3.91	41.06 3.57 -3.83	45.01 4.02 -4.40	48.96 4.55 -4.82	45.27 4.20 -2.58	43.26 4.03 -1.86	40.37 4.02 -1.67	35.75 3.44 -0.11	30.68 2.84 -0.02	27.03 2.55 -0.01
GOWANUS_GT4_5 24134	26.94 2.09 -0.01	24.36 1.80 -0.01	23.48 1.66 -0.01	22.44 1.49 0.00	23.09 1.55 0.00	23.18 1.58 0.00	26.41 1.91 0.00	29.43 2.36 0.00	31.82 2.71 0.00	32.19 2.71 0.00	34.55 2.90 -1.09	37.26 3.19 -2.13	38.11 3.24 -3.41	38.83 3.39 -3.74	39.99 3.37 -3.91	41.06 3.57 -3.83	45.01 4.02 -4.40	48.96 4.55 -4.82	45.27 4.20 -2.58	43.26 4.03 -1.86	40.37 4.02 -1.67	35.75 3.44 -0.11	30.68 2.84 -0.02	27.03 2.55 -0.01
GOWANUS_GT4_6 24135	26.94 2.09 -0.01	24.36 1.80 -0.01	23.48 1.66 -0.01	22.44 1.49 0.00	23.09 1.55 0.00	23.18 1.58 0.00	26.41 1.91 0.00	29.43 2.36 0.00	31.82 2.71 0.00	32.19 2.71 0.00	34.55 2.90 -1.09	37.26 3.19 -2.13	38.11 3.24 -3.41	38.83 3.39 -3.74	39.99 3.37 -3.91	41.06 3.57 -3.83	45.01 4.02 -4.40	48.96 4.55 -4.82	45.27 4.20 -2.58	43.26 4.03 -1.86	40.37 4.02 -1.67	35.75 3.44 -0.11	30.68 2.84 -0.02	27.03 2.55 -0.01
GOWANUS_GT4_7 24136	26.94 2.09 -0.01	24.36 1.80 -0.01	23.48 1.66 -0.01	22.44 1.49 0.00	23.09 1.55 0.00	23.18 1.58 0.00	26.41 1.91 0.00	29.43 2.36 0.00	31.82 2.71 0.00	32.19 2.71 0.00	34.55 2.90 -1.09	37.26 3.19 -2.13	38.11 3.24 -3.41	38.83 3.39 -3.74	39.99 3.37 -3.91	41.06 3.57 -3.83	45.01 4.02 -4.40	48.96 4.55 -4.82	45.27 4.20 -2.58	43.26 4.03 -1.86	40.37 4.02 -1.67	35.75 3.44 -0.11	30.68 2.84 -0.02	27.03 2.55 -0.01
GOWANUS_GT4_8 24137	26.94 2.09 -0.01	24.36 1.80 -0.01	23.48 1.66 -0.01	22.44 1.49 0.00	23.09 1.55 0.00	23.18 1.58 0.00	26.41 1.91 0.00	29.43 2.36 0.00	31.82 2.71 0.00	32.19 2.71 0.00	34.55 2.90 -1.09	37.26 3.19 -2.13	38.11 3.24 -3.41	38.83 3.39 -3.74	39.99 3.37 -3.91	41.06 3.57 -3.83	45.01 4.02 -4.40	48.96 4.55 -4.82	45.27 4.20 -2.58	43.26 4.03 -1.86	40.37 4.02 -1.67	35.75 3.44 -0.11	30.68 2.84 -0.02	27.03 2.55 -0.01
GREENBSH_115KV_TB3 55895	25.44 0.60 0.00	23.16 0.61 0.00	22.47 0.65 0.00	21.60 0.65 0.00	22.20 0.67 0.00	22.27 0.67 0.00	25.11 0.61 0.00	27.76 0.68 0.00	29.87 0.76 0.00	30.28 0.80 0.00	31.42 0.86 0.00	32.83 0.89 0.00	32.25 0.79 0.00	32.52 0.82 0.00	33.49 0.78 0.00	34.40 0.74 0.00	37.03 0.95 0.52	41.10 1.07 -0.43	39.57 1.08 0.00	38.55 1.20 0.00	35.93 1.18 -0.08	33.19 1.00 0.00	28.54 0.72 0.00	25.16 0.69 0.00
GREENIDGE_115KV_TB5 80291	25.37 0.52 0.00	22.84 0.29 0.00	21.94 0.13 0.00	21.02 0.06 0.00	21.81 0.28 0.00	22.04 0.43 0.00	25.16 0.66 0.00	27.84 0.76 0.00	29.84 0.73 0.00	30.19 0.71 0.00	31.33 0.76 0.00	32.60 0.67 0.00	32.25 0.79 0.00	32.39 0.70 0.00	33.46 0.75 0.00	34.27 0.61 0.00	37.54 0.95 0.00	40.78 1.19 0.00	39.68 1.19 0.00	38.33 0.97 0.00	35.36 0.69 0.00	32.90 0.71 0.00	28.46 0.64 0.00	24.97 0.49 0.00
GREENIDGE___3 23582	25.37 0.52 0.00	22.84 0.29 0.00	21.94 0.13 0.00	21.02 0.06 0.00	21.81 0.28 0.00	22.04 0.43 0.00	25.16 0.66 0.00	27.84 0.76 0.00	29.84 0.73 0.00	30.19 0.71 0.00	31.33 0.76 0.00	32.60 0.67 0.00	32.25 0.79 0.00	32.39 0.70 0.00	33.46 0.75 0.00	34.27 0.61 0.00	37.54 0.95 0.00	40.78 1.19 0.00	39.68 1.19 0.00	38.33 0.97 0.00	35.36 0.69 0.00	32.90 0.71 0.00	28.46 0.64 0.00	24.97 0.49 0.00
GREENIDGE___4 23583	25.39 0.55 0.00	22.82 0.27 0.00	21.92 0.11 0.00	21.00 0.04 0.00	21.79 0.26 0.00	22.01 0.41 0.00	25.16 0.66 0.00	27.84 0.76 0.00	29.84 0.73 0.00	30.19 0.71 0.00	31.39 0.83 0.00	32.64 0.70 0.00	32.25 0.79 0.00	32.43 0.73 0.00	33.42 0.72 0.00	34.30 0.64 0.00	37.32 0.73 0.00	40.70 1.11 0.00	39.64 1.15 0.00	38.29 0.93 0.00	35.33 0.66 0.00	32.83 0.64 0.00	28.46 0.64 0.00	24.84 0.37 0.00
GREENLWN_69_KV_BK 3 55738	30.29 2.29 -3.16	26.12 2.07 -1.49	25.47 1.94 -1.71	22.79 1.82 -0.02	23.45 1.92 0.00	23.70 1.97 -0.13	26.96 2.33 -0.13	29.87 2.79 0.00	31.73 2.62 0.00	32.10 2.62 0.00	34.21 2.57 -1.08	37.15 3.10 -2.12	38.05 3.21 -3.38	41.85 3.30 -6.86	41.44 3.53 -5.20	40.26 3.77 -2.83	42.36 4.35 -1.41	45.24 4.87 -0.78	41.05 4.62 2.05	39.17 4.45 2.63	38.67 3.95 -0.04	37.48 3.44 -1.84	30.86 3.06 0.02	29.52 2.67 -2.38
GREENWD_138_KV_38B11_REV_LBMP_J 345004	26.94 2.09 -0.01	24.36 1.80 -0.01	23.48 1.66 -0.01	22.44 1.49 0.00	23.09 1.55 0.00	23.18 1.58 0.00	26.41 1.91 0.00	29.43 2.36 0.00	31.82 2.71 0.00	32.19 2.71 0.00	34.55 2.90 -1.09	37.26 3.19 -2.13	38.11 3.24 -3.41	38.83 3.39 -3.74	39.99 3.37 -3.91	41.06 3.57 -3.83	45.01 4.02 -4.40	48.96 4.55 -4.82	45.27 4.20 -2.58	43.26 4.03 -1.86	40.37 4.02 -1.67	35.75 3.44 -0.11	30.68 2.84 -0.02	27.03 2.55 -0.01
GRISSOM___SOLAR 323813	28.02 3.18 0.00	25.32 2.77 0.00	24.41 2.59 0.00	23.42 2.47 0.00	24.16 2.63 0.00	24.26 2.66 0.00	27.81 3.31 0.00	31.00 3.93 0.00	33.28 4.16 0.00	33.73 4.25 0.00	34.87 4.31 0.00	36.47 4.53 0.00	35.87 4.40 0.00	35.95 4.25 0.00	37.12 4.41 0.00	38.34 4.68 0.00	41.68 5.38 0.29	45.98 6.14 -0.25	45.34 6.85 0.00	43.78 6.43 0.00	40.54 5.82 -0.05	37.18 4.99 0.00	31.80 3.98 0.00	27.88 3.40 0.00
GROVEVILLE___HYD 323602	26.58 1.74 0.00	24.06 1.51 0.00	23.21 1.40 0.00	22.29 1.34 0.00	22.91 1.38 0.00	23.03 1.43 0.00	26.19 1.69 0.00	29.05 1.98 0.00	31.36 2.24 0.00	31.75 2.27 0.00	32.98 2.41 0.00	34.52 2.59 0.00	34.07 2.61 0.00	34.42 2.73 0.00	35.55 2.85 0.00	36.66 3.00 0.00	40.25 3.48 -0.19	43.86 3.88 -0.39	42.14 3.66 0.00	40.91 3.55 0.00	38.04 3.29 -0.07	35.02 2.83 0.00	30.13 2.31 0.00	26.51 2.03 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	25.04 0.20 0.00	22.66 0.11 0.00	21.86 0.04 0.00	20.97 0.02 0.00	21.64 0.11 0.00	21.76 0.15 0.00	24.70 0.20 0.00	27.27 0.19 0.00	29.26 0.15 0.00	29.69 0.21 0.00	30.78 0.21 0.00	32.09 0.16 0.00	31.65 0.19 0.00	31.86 0.16 0.00	32.87 0.16 0.00	33.80 0.13 0.00	36.85 0.26 0.00	39.87 0.28 0.00	38.76 0.27 0.00	37.58 0.22 0.00	34.77 0.10 0.00	32.25 0.06 0.00	27.90 0.08 0.00	24.48 0.00 0.00

HAMLTNNY_34_KV_TB 80303	25.09 0.25 0.00	22.69 0.14 0.00	21.88 0.07 0.00	21.00 0.04 0.00	21.66 0.13 0.00	21.78 0.17 0.00	24.74 0.24 0.00	27.32 0.24 0.00	29.35 0.23 0.00	29.77 0.29 0.00	30.84 0.28 0.00	32.19 0.26 0.00	31.78 0.31 0.00	31.95 0.25 0.00	33.00 0.29 0.00	33.90 0.24 0.00	36.99 0.40 0.00	40.03 0.44 0.00	38.95 0.46 0.00	37.73 0.37 0.00	34.91 0.24 0.00	32.35 0.16 0.00	27.96 0.14 0.00	24.52 0.05 0.00
HAMPSHIRE___PAPER_HYD 323593	23.88 -0.35 0.62	22.17 -0.38 0.00	21.46 -0.35 0.00	20.60 -0.36 0.00	21.30 -0.24 0.00	21.39 -0.22 0.00	24.38 -0.12 0.00	26.97 -0.11 0.00	28.91 -0.20 0.00	29.13 -0.35 0.00	29.89 -0.67 0.00	31.23 -0.70 0.00	30.71 -0.76 0.00	27.85 -1.02 2.83	24.56 -0.82 7.33	24.97 -0.88 7.82	26.12 -1.13 9.33	27.56 -1.11 10.93	27.26 -1.08 10.15	34.42 -1.01 1.93	33.91 -0.76 0.00	31.48 -0.71 0.00	27.37 -0.45 0.00	24.13 -0.34 0.00
HARDSCRABBLE_WT_PWR 323673	24.88 -0.02 -0.06	22.46 -0.09 0.00	21.72 -0.09 0.00	20.85 -0.10 0.00	21.43 -0.11 0.00	21.48 -0.13 0.00	24.40 -0.10 0.00	27.02 -0.05 0.00	29.08 -0.03 0.00	29.54 0.06 0.00	30.62 0.06 0.00	32.06 0.13 0.00	31.56 0.09 0.00	32.00 0.03 -0.27	33.43 0.03 -0.70	34.48 0.07 -0.74	37.59 0.11 -0.89	40.75 0.12 -1.04	39.61 0.15 -0.97	37.69 0.15 -0.18	34.88 0.21 0.00	32.32 0.13 0.00	27.96 0.14 0.00	24.62 0.15 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	26.36 1.52 0.00	23.86 1.31 0.00	22.99 1.18 0.00	22.06 1.11 0.00	22.70 1.16 0.00	22.81 1.21 0.00	25.97 1.47 0.00	28.84 1.76 0.00	31.12 2.01 0.00	31.48 2.00 0.00	31.44 2.14 1.26	31.82 2.36 2.48	29.90 2.39 3.96	29.86 2.50 4.34	30.78 2.62 4.54	32.01 2.79 4.45	35.11 3.22 4.70	41.26 3.60 1.94	38.88 3.39 3.00	38.41 3.21 2.16	37.29 2.98 0.36	34.73 2.54 0.00	29.91 2.09 0.00	26.31 1.84 0.00
HARSNRAD_115KV_TB1 81005	24.79 -0.05 0.00	22.28 -0.27 0.00	21.29 -0.52 0.00	20.32 -0.63 0.00	21.17 -0.37 0.00	21.43 -0.17 0.00	24.30 -0.20 0.00	26.78 -0.30 0.00	28.73 -0.38 0.00	29.04 -0.44 0.00	30.35 -0.21 0.00	31.39 -0.54 0.00	31.27 -0.19 0.00	31.38 -0.32 0.00	32.44 -0.26 0.00	33.09 -0.57 0.00	36.59 0.00 0.00	39.83 0.24 0.00	38.91 0.42 0.00	37.43 0.07 0.00	34.25 -0.42 0.00	31.71 -0.48 0.00	27.60 -0.22 0.00	24.43 -0.05 0.00
HARZA MOOSE___RIVER 24016	25.41 0.70 0.13	22.98 0.43 0.00	22.20 0.39 0.00	21.31 0.36 0.00	22.12 0.58 0.00	22.19 0.58 0.00	25.31 0.81 0.00	28.03 0.95 0.00	30.05 0.93 0.00	30.36 0.88 0.00	31.36 0.79 0.00	32.76 0.83 0.00	32.22 0.76 0.00	31.62 0.51 0.59	31.97 0.78 1.52	32.89 0.84 1.62	35.46 0.80 1.93	38.40 1.07 2.26	37.46 1.08 2.10	38.08 1.12 0.40	35.78 1.11 0.00	33.09 0.90 0.00	28.60 0.78 0.00	25.11 0.64 0.00
HDSNBRDG_115KV_BRDG_TB1 355580	24.92 0.07 0.00	22.55 0.00 0.00	21.75 -0.07 0.00	20.87 -0.08 0.00	21.53 0.00 0.00	21.65 0.04 0.00	24.57 0.07 0.00	27.13 0.05 0.00	29.14 0.03 0.00	29.57 0.09 0.00	30.66 0.09 0.00	31.93 0.00 0.00	31.49 0.03 0.00	31.70 0.00 0.00	32.70 0.00 0.00	33.63 -0.03 0.00	36.66 0.07 0.00	39.67 0.08 0.00	38.57 0.08 0.00	37.36 0.00 0.00	34.60 -0.07 0.00	32.09 -0.10 0.00	27.77 -0.06 0.00	24.38 -0.10 0.00
HELLGATE_13_KV_LD 55870	26.79 1.94 -0.01	24.25 1.69 -0.01	23.37 1.55 -0.01	22.34 1.38 0.00	22.98 1.44 0.00	23.09 1.49 0.00	26.31 1.81 0.00	29.33 2.25 0.00	31.70 2.59 0.00	32.07 2.59 0.00	34.40 2.75 -1.09	37.13 3.07 -2.13	37.92 3.05 -3.41	38.67 3.23 -3.74	39.82 3.21 -3.91	40.86 3.37 -3.83	44.83 3.84 -4.40	48.73 4.32 -4.82	45.04 3.96 -2.58	42.99 3.77 -1.86	39.32 3.74 -0.91	35.48 3.28 -0.01	30.49 2.67 0.00	26.86 2.37 -0.01
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	26.79 1.94 -0.01	24.25 1.69 -0.01	23.37 1.55 -0.01	22.34 1.38 0.00	22.98 1.44 0.00	23.09 1.49 0.00	26.31 1.81 0.00	29.33 2.25 0.00	31.70 2.59 0.00	32.07 2.59 0.00	34.40 2.75 -1.09	37.13 3.07 -2.13	37.92 3.05 -3.41	38.67 3.23 -3.74	39.82 3.21 -3.91	40.86 3.37 -3.83	44.83 3.84 -4.40	48.73 4.32 -4.82	45.04 3.96 -2.58	42.99 3.77 -1.86	39.32 3.74 -0.91	35.48 3.28 -0.01	30.49 2.67 0.00	26.86 2.37 -0.01
HEMPSTEAD____ 23647	30.19 2.19 -3.16	25.91 1.87 -1.49	25.27 1.75 -1.71	22.60 1.64 -0.02	23.27 1.72 -0.01	23.51 1.77 -0.13	26.76 2.13 -0.13	29.71 2.63 -0.01	31.76 2.65 0.00	32.19 2.71 0.00	34.42 2.78 -1.08	37.31 3.26 -2.12	38.12 3.27 -3.39	41.96 3.33 -6.93	41.43 3.43 -5.29	41.08 3.60 -3.82	44.92 3.95 -4.37	48.88 4.51 -4.78	45.33 4.27 -2.57	43.32 4.11 -1.86	39.67 3.85 -1.15	38.02 3.35 -2.48	30.72 2.89 -0.01	29.38 2.52 -2.38
HEWLETT_69_KV_BK3 55828	30.42 2.41 -3.16	26.18 2.14 -1.49	25.51 1.98 -1.71	22.86 1.89 -0.02	23.52 1.98 0.00	23.74 2.01 -0.13	27.01 2.38 -0.13	29.95 2.87 0.00	32.08 2.97 0.00	32.49 3.01 0.00	34.64 3.00 -1.08	37.56 3.51 -2.12	38.43 3.59 -3.38	42.31 3.68 -6.93	41.89 3.89 -5.29	41.55 4.07 -3.82	45.64 4.68 -4.36	49.55 5.19 -4.77	45.98 4.93 -2.56	43.91 4.71 -1.85	40.12 4.30 -1.15	38.43 3.77 -2.48	31.08 3.26 0.00	29.67 2.81 -2.38
HICKLING___1 23621	25.39 0.55 0.00	22.87 0.32 0.00	21.94 0.13 0.00	21.00 0.04 0.00	21.81 0.28 0.00	22.06 0.45 0.00	25.21 0.71 0.00	27.84 0.76 0.00	29.84 0.73 0.00	30.16 0.68 0.00	31.33 0.76 0.00	32.60 0.67 0.00	32.34 0.88 0.00	32.52 0.82 0.00	33.56 0.85 0.00	34.47 0.81 0.00	37.94 1.35 0.00	41.18 1.58 0.00	40.03 1.54 0.00	38.66 1.31 0.00	35.61 0.94 0.00	32.96 0.77 0.00	28.57 0.75 0.00	25.11 0.64 0.00
HICKLING___2 23622	25.39 0.55 0.00	22.87 0.32 0.00	21.94 0.13 0.00	21.00 0.04 0.00	21.81 0.28 0.00	22.06 0.45 0.00	25.21 0.71 0.00	27.84 0.76 0.00	29.84 0.73 0.00	30.16 0.68 0.00	31.33 0.76 0.00	32.60 0.67 0.00	32.34 0.88 0.00	32.52 0.82 0.00	33.56 0.85 0.00	34.47 0.81 0.00	37.94 1.35 0.00	41.18 1.58 0.00	40.03 1.54 0.00	38.66 1.31 0.00	35.61 0.94 0.00	32.96 0.77 0.00	28.57 0.75 0.00	25.11 0.64 0.00
HIGH FALLS___HY 23754	26.46 1.61 0.00	23.90 1.35 0.00	23.01 1.20 0.00	22.11 1.15 0.00	22.72 1.18 0.00	22.81 1.21 0.00	26.02 1.52 0.00	28.92 1.84 0.00	31.18 2.07 0.00	31.48 2.00 0.00	32.70 2.14 0.00	34.33 2.40 0.00	33.92 2.45 0.00	34.30 2.60 0.00	35.45 2.75 0.00	36.66 3.00 0.00	40.18 3.51 -0.07	43.51 3.92 0.00	42.14 3.66 0.00	40.83 3.47 0.00	37.89 3.22 0.00	34.93 2.74 0.00	30.05 2.23 0.00	26.41 1.93 0.00
HIGH_RIVER___SOLAR 323847	26.19 1.34 0.00	23.75 1.20 0.00	22.95 1.13 0.00	22.06 1.11 0.00	22.70 1.16 0.00	22.77 1.17 0.00	25.87 1.37 0.00	28.57 1.49 0.00	30.71 1.60 0.00	31.10 1.62 0.00	32.24 1.68 0.00	33.63 1.69 0.00	33.13 1.67 0.00	33.35 1.65 0.00	34.37 1.67 0.00	35.38 1.72 0.00	38.28 2.05 0.36	42.24 2.30 -0.35	40.95 2.46 0.00	39.78 2.43 0.00	36.99 2.25 -0.07	34.15 1.96 0.00	29.43 1.61 0.00	25.90 1.42 0.00

HILLBURN___GT 23639	26.36 1.52 0.00	23.81 1.26 0.00	22.94 1.13 0.00	22.02 1.07 0.00	22.63 1.10 0.00	22.79 1.19 0.00	25.97 1.47 0.00	28.86 1.79 0.00	31.15 2.04 0.00	31.49 2.01 0.00	31.31 2.20 1.46	31.49 2.43 2.87	29.31 2.42 4.58	29.21 2.54 5.02	30.09 2.65 5.26	31.31 2.79 5.15	34.28 3.15 5.46	41.37 3.64 1.86	38.41 3.39 3.47	38.06 3.21 2.51	37.30 2.98 0.35	34.73 2.54 0.00	29.93 2.11 0.00	26.29 1.81 0.00
HILLSIDE_115KV_TB1 80332	25.02 0.17 0.00	22.57 0.02 0.00	21.64 -0.17 0.00	20.72 -0.23 0.00	21.49 -0.04 0.00	21.73 0.13 0.00	24.82 0.32 0.00	27.38 0.30 0.00	29.38 0.26 0.00	29.66 0.18 0.00	30.84 0.28 0.00	32.13 0.19 0.00	31.84 0.38 0.00	32.05 0.35 0.00	33.10 0.39 0.00	34.00 0.34 0.00	37.40 0.80 0.00	40.58 0.99 0.00	39.49 1.00 0.00	38.10 0.75 0.00	35.09 0.42 0.00	32.51 0.32 0.00	28.15 0.33 0.00	24.77 0.29 0.00
HISHELDN_WT_PWR 323625	24.97 0.12 0.00	22.39 -0.16 0.00	21.46 -0.35 0.00	20.51 -0.44 0.00	21.34 -0.19 0.00	21.60 0.00 0.00	24.57 0.07 0.00	27.08 0.00 0.00	29.06 -0.06 0.00	29.30 -0.18 0.00	30.72 0.15 0.00	31.71 -0.22 0.00	31.53 0.06 0.00	31.70 0.00 0.00	32.57 -0.13 0.00	33.36 -0.30 0.00	36.59 0.00 0.00	40.07 0.48 0.00	39.03 0.54 0.00	37.62 0.26 0.00	34.60 -0.07 0.00	32.00 -0.19 0.00	27.88 0.06 0.00	24.40 -0.07 0.00
HOLTSVILLE_IC_1 23690	30.71 2.71 -3.16	26.41 2.37 -1.49	25.73 2.20 -1.71	23.04 2.07 -0.02	23.70 2.15 -0.01	23.98 2.25 -0.13	27.30 2.67 -0.13	30.25 3.17 -0.01	32.20 3.08 0.00	32.60 3.12 0.00	34.73 3.09 -1.08	37.75 3.70 -2.12	38.59 3.74 -3.39	44.80 3.83 -9.26	44.83 4.05 -8.08	76.87 4.21 -38.99	151.69 4.61 -110.49	193.20 5.27 -148.34	212.17 4.97 -168.71	205.39 4.82 -163.21	79.71 4.40 -40.63	60.97 3.86 -24.92	31.39 3.42 -0.15	29.95 3.08 -2.39
HOLTSVILLE_IC_10 23699	30.89 2.88 -3.16	26.54 2.50 -1.49	25.86 2.33 -1.71	23.17 2.20 -0.02	23.82 2.28 -0.01	24.09 2.36 -0.13	27.45 2.82 -0.13	30.42 3.33 -0.01	32.37 3.26 0.00	32.81 3.33 0.00	34.91 3.27 -1.08	37.98 3.93 -2.12	38.81 3.96 -3.39	44.87 4.06 -9.11	44.91 4.32 -7.89	74.67 4.44 -36.56	144.64 4.90 -103.14	183.57 5.58 -138.39	200.96 5.27 -157.20	194.51 5.12 -152.03	77.25 4.68 -37.91	59.65 4.09 -23.37	31.59 3.62 -0.15	30.12 3.26 -2.39
HOLTSVILLE_IC_2 23691	30.71 2.71 -3.16	26.41 2.37 -1.49	25.73 2.20 -1.71	23.04 2.07 -0.02	23.70 2.15 -0.01	23.98 2.25 -0.13	27.30 2.67 -0.13	30.25 3.17 -0.01	32.20 3.08 0.00	32.60 3.12 0.00	34.73 3.09 -1.08	37.75 3.70 -2.12	38.59 3.74 -3.39	44.80 3.83 -9.26	44.83 4.05 -8.08	76.87 4.21 -38.99	151.69 4.61 -110.49	193.20 5.27 -148.34	212.17 4.97 -168.71	205.39 4.82 -163.21	79.71 4.40 -40.63	60.97 3.86 -24.92	31.39 3.42 -0.15	29.95 3.08 -2.39
HOLTSVILLE_IC_3 23692	30.71 2.71 -3.16	26.41 2.37 -1.49	25.73 2.20 -1.71	23.04 2.07 -0.02	23.70 2.15 -0.01	23.98 2.25 -0.13	27.30 2.67 -0.13	30.25 3.17 -0.01	32.20 3.08 0.00	32.60 3.12 0.00	34.73 3.09 -1.08	37.75 3.70 -2.12	38.59 3.74 -3.39	44.80 3.83 -9.26	44.83 4.05 -8.08	76.87 4.21 -38.99	151.69 4.61 -110.49	193.20 5.27 -148.34	212.17 4.97 -168.71	205.39 4.82 -163.21	79.71 4.40 -40.63	60.97 3.86 -24.92	31.39 3.42 -0.15	29.95 3.08 -2.39
HOLTSVILLE_IC_4 23693	30.71 2.71 -3.16	26.41 2.37 -1.49	25.73 2.20 -1.71	23.04 2.07 -0.02	23.70 2.15 -0.01	23.98 2.25 -0.13	27.30 2.67 -0.13	30.25 3.17 -0.01	32.20 3.08 0.00	32.60 3.12 0.00	34.73 3.09 -1.08	37.75 3.70 -2.12	38.59 3.74 -3.39	44.80 3.83 -9.26	44.83 4.05 -8.08	76.87 4.21 -38.99	151.69 4.61 -110.49	193.20 5.27 -148.34	212.17 4.97 -168.71	205.39 4.82 -163.21	79.71 4.40 -40.63	60.97 3.86 -24.92	31.39 3.42 -0.15	29.95 3.08 -2.39
HOLTSVILLE_IC_5 23694	30.71 2.71 -3.16	26.41 2.37 -1.49	25.73 2.20 -1.71	23.04 2.07 -0.02	23.70 2.15 -0.01	23.98 2.25 -0.13	27.30 2.67 -0.13	30.25 3.17 -0.01	32.20 3.08 0.00	32.60 3.12 0.00	34.73 3.09 -1.08	37.75 3.70 -2.12	38.59 3.74 -3.39	44.80 3.83 -9.26	44.83 4.05 -8.08	76.87 4.21 -38.99	151.69 4.61 -110.49	193.20 5.27 -148.34	212.17 4.97 -168.71	205.39 4.82 -163.21	79.71 4.40 -40.63	60.97 3.86 -24.92	31.39 3.42 -0.15	29.95 3.08 -2.39
HOLTSVILLE_IC_6 23695	30.89 2.88 -3.16	26.54 2.50 -1.49	25.86 2.33 -1.71	23.17 2.20 -0.02	23.82 2.28 -0.01	24.09 2.36 -0.13	27.45 2.82 -0.13	30.42 3.33 -0.01	32.37 3.26 0.00	32.81 3.33 0.00	34.91 3.27 -1.08	37.98 3.93 -2.12	38.81 3.96 -3.39	44.87 4.06 -9.11	44.91 4.32 -7.89	74.67 4.44 -36.56	144.64 4.90 -103.14	183.57 5.58 -138.39	200.96 5.27 -157.20	194.51 5.12 -152.03	77.25 4.68 -37.91	59.65 4.09 -23.37	31.59 3.62 -0.15	30.12 3.26 -2.39
HOLTSVILLE_IC_7 23696	30.89 2.88 -3.16	26.54 2.50 -1.49	25.86 2.33 -1.71	23.17 2.20 -0.02	23.82 2.28 -0.01	24.09 2.36 -0.13	27.45 2.82 -0.13	30.42 3.33 -0.01	32.37 3.26 0.00	32.81 3.33 0.00	34.91 3.27 -1.08	37.98 3.93 -2.12	38.81 3.96 -3.39	44.87 4.06 -9.11	44.91 4.32 -7.89	74.67 4.44 -36.56	144.64 4.90 -103.14	183.57 5.58 -138.39	200.96 5.27 -157.20	194.51 5.12 -152.03	77.25 4.68 -37.91	59.65 4.09 -23.37	31.59 3.62 -0.15	30.12 3.26 -2.39
HOLTSVILLE_IC_8 23697	30.89 2.88 -3.16	26.54 2.50 -1.49	25.86 2.33 -1.71	23.17 2.20 -0.02	23.82 2.28 -0.01	24.09 2.36 -0.13	27.45 2.82 -0.13	30.42 3.33 -0.01	32.37 3.26 0.00	32.81 3.33 0.00	34.91 3.27 -1.08	37.98 3.93 -2.12	38.81 3.96 -3.39	44.87 4.06 -9.11	44.91 4.32 -7.89	74.67 4.44 -36.56	144.64 4.90 -103.14	183.57 5.58 -138.39	200.96 5.27 -157.20	194.51 5.12 -152.03	77.25 4.68 -37.91	59.65 4.09 -23.37	31.59 3.62 -0.15	30.12 3.26 -2.39
HOLTSVILLE_IC_9 23698	30.89 2.88 -3.16	26.54 2.50 -1.49	25.86 2.33 -1.71	23.17 2.20 -0.02	23.82 2.28 -0.01	24.09 2.36 -0.13	27.45 2.82 -0.13	30.42 3.33 -0.01	32.37 3.26 0.00	32.81 3.33 0.00	34.91 3.27 -1.08	37.98 3.93 -2.12	38.81 3.96 -3.39	44.87 4.06 -9.11	44.91 4.32 -7.89	74.67 4.44 -36.56	144.64 4.90 -103.14	183.57 5.58 -138.39	200.96 5.27 -157.20	194.51 5.12 -152.03	77.25 4.68 -37.91	59.65 4.09 -23.37	31.59 3.62 -0.15	30.12 3.26 -2.39
HOMER_HL_115KV_TB2 355744	25.24 0.40 0.00	22.71 0.16 0.00	21.66 -0.15 0.00	20.70 -0.25 0.00	21.56 0.02 0.00	21.89 0.28 0.00	25.04 0.54 0.00	27.48 0.41 0.00	29.49 0.38 0.00	29.69 0.21 0.00	30.99 0.43 0.00	32.19 0.26 0.00	32.03 0.57 0.00	32.27 0.57 0.00	33.29 0.59 0.00	34.17 0.50 0.00	37.76 1.17 0.00	41.02 1.43 0.00	39.91 1.42 0.00	38.40 1.05 0.00	35.19 0.52 0.00	32.61 0.42 0.00	28.27 0.45 0.00	25.04 0.56 0.00
HOWARD_WT_PWR 323690	25.27 0.42 0.00	22.69 0.14 0.00	21.81 0.00 0.00	20.85 -0.10 0.00	21.75 0.22 0.00	22.06 0.45 0.00	25.18 0.69 0.00	27.84 0.76 0.00	29.78 0.67 0.00	30.01 0.53 0.00	31.30 0.73 0.00	32.32 0.38 0.00	32.03 0.57 0.00	32.05 0.35 0.00	32.97 0.26 0.00	33.90 0.24 0.00	37.21 0.62 0.00	40.66 1.07 0.00	39.37 0.89 0.00	38.03 0.67 0.00	35.29 0.62 0.00	32.70 0.51 0.00	28.52 0.70 0.00	24.92 0.44 0.00

HQ_GEN_CEDARS 23644	22.57 -1.17 1.11	21.60 -0.95 0.00	20.96 -0.85 0.00	20.12 -0.84 0.00	20.63 -0.90 0.00	20.70 -0.91 0.00	23.52 -0.98 0.00	26.05 -1.03 0.00	27.95 -1.16 0.00	28.21 -1.27 0.00	29.10 -1.47 0.00	30.40 -1.53 0.00	29.89 -1.57 0.00	25.04 -1.62 5.05	18.03 -1.60 13.07	18.03 -1.68 13.95	18.18 -1.76 16.66	17.99 -2.10 19.50	18.10 -2.27 18.12	31.63 -2.28 3.45	32.76 -1.91 0.00	30.52 -1.67 0.00	26.51 -1.31 0.00	23.35 -1.13 0.00
HQ_GEN_CEDARS_PROXY 323590	22.54 -1.19 1.11	21.67 -0.88 0.00	21.00 -0.81 0.00	20.16 -0.80 0.00	20.55 -0.86 0.12	20.88 -0.84 -0.12	23.52 -0.98 0.00	26.05 -1.03 0.00	27.95 -1.17 0.00	28.21 -1.27 0.00	29.10 -1.47 0.00	30.40 -1.53 0.00	29.89 -1.57 0.00	25.04 -1.62 5.05	18.03 -1.60 13.07	18.03 -1.68 13.95	18.03 -1.90 16.66	18.03 -2.06 19.50	18.10 -2.27 18.12	31.63 -2.28 3.45	32.76 -1.91 0.00	30.58 -1.61 0.00	26.51 -1.31 0.00	23.42 -1.05 0.00
HQ_GEN_IMPORT 323601	24.00 -0.57 0.27	22.15 -0.41 0.00	21.44 -0.37 0.00	20.60 -0.36 0.00	20.99 -0.43 0.12	21.29 -0.43 -0.12	24.01 -0.49 0.00	26.54 -0.54 0.00	28.50 -0.61 0.00	28.86 -0.62 0.00	29.89 -0.67 0.00	31.23 -0.70 0.00	30.74 -0.72 0.00	29.72 -0.73 1.24	28.73 -0.75 3.23	29.48 -0.74 3.44	31.60 -0.88 4.11	33.67 -1.11 4.81	32.94 -1.08 4.47	35.46 -1.05 0.85	33.74 -0.93 0.00	31.45 -0.74 0.00	27.21 -0.61 0.00	24.01 -0.47 0.00
HQ_GEN_WHEEL 23651	24.00 -0.57 0.27	22.15 -0.41 0.00	21.44 -0.37 0.00	20.60 -0.36 0.00	20.99 -0.43 0.12	21.29 -0.43 -0.12	24.01 -0.49 0.00	26.54 -0.54 0.00	28.50 -0.61 0.00	28.86 -0.62 0.00	29.89 -0.67 0.00	31.23 -0.70 0.00	30.74 -0.72 0.00	29.72 -0.73 1.24	28.73 -0.75 3.23	29.48 -0.74 3.44	31.60 -0.88 4.11	33.67 -1.11 4.81	32.94 -1.08 4.47	35.46 -1.05 0.85	33.74 -0.93 0.00	31.45 -0.74 0.00	27.21 -0.61 0.00	24.01 -0.47 0.00
HUDSON_AVE_GT_3 23810	26.68 1.84 0.00	24.15 1.60 0.00	23.27 1.46 0.00	22.32 1.36 0.00	22.93 1.40 0.00	23.07 1.47 0.00	26.31 1.81 0.00	29.35 2.27 0.00	31.70 2.59 0.00	32.07 2.59 0.00	34.37 2.72 -1.09	37.10 3.03 -2.13	37.92 3.05 -3.41	38.60 3.17 -3.74	39.86 3.24 -3.91	40.90 3.40 -3.83	44.91 3.92 -4.40	48.81 4.39 -4.82	45.11 4.04 -2.58	43.07 3.85 -1.86	39.25 3.67 -0.90	35.38 3.19 0.00	30.44 2.62 0.00	26.78 2.30 0.00
HUDSON_AVE_GT_4 23540	26.68 1.84 0.00	24.15 1.60 0.00	23.27 1.46 0.00	22.32 1.36 0.00	22.93 1.40 0.00	23.07 1.47 0.00	26.31 1.81 0.00	29.35 2.27 0.00	31.70 2.59 0.00	32.07 2.59 0.00	34.37 2.72 -1.09	37.10 3.03 -2.13	37.92 3.05 -3.41	38.60 3.17 -3.74	39.86 3.24 -3.91	40.90 3.40 -3.83	44.91 3.92 -4.40	48.81 4.39 -4.82	45.11 4.04 -2.58	43.07 3.85 -1.86	39.25 3.67 -0.90	35.38 3.19 0.00	30.44 2.62 0.00	26.78 2.30 0.00
HUDSON_AVE_GT_5 23657	26.68 1.84 0.00	24.15 1.60 0.00	23.27 1.46 0.00	22.32 1.36 0.00	22.93 1.40 0.00	23.07 1.47 0.00	26.31 1.81 0.00	29.35 2.27 0.00	31.70 2.59 0.00	32.07 2.59 0.00	34.37 2.72 -1.09	37.10 3.03 -2.13	37.92 3.05 -3.41	38.60 3.17 -3.74	39.86 3.24 -3.91	40.90 3.40 -3.83	44.91 3.92 -4.40	48.81 4.39 -4.82	45.11 4.04 -2.58	43.07 3.85 -1.86	39.25 3.67 -0.90	35.38 3.19 0.00	30.44 2.62 0.00	26.78 2.30 0.00
HUDSON_AVE_10 24168	26.61 1.76 0.00	24.08 1.53 0.00	23.21 1.40 0.00	22.23 1.28 0.00	22.87 1.34 0.00	23.03 1.43 0.00	26.24 1.74 0.00	29.30 2.22 0.00	31.68 2.56 0.00	32.04 2.56 0.00	34.28 2.63 -1.09	37.01 2.94 -2.13	37.80 2.93 -3.41	38.48 3.04 -3.74	39.73 3.11 -3.91	40.80 3.30 -3.83	44.76 3.77 -4.40	48.65 4.24 -4.82	45.00 3.93 -2.58	42.96 3.74 -1.86	39.14 3.57 -0.90	35.28 3.09 0.00	30.38 2.56 0.00	26.73 2.25 0.00
HUDSON___115KV_TB 4 355613	25.94 1.09 0.00	23.57 1.01 0.00	22.84 1.03 0.00	21.96 1.01 0.00	22.57 1.03 0.00	22.64 1.04 0.00	25.60 1.10 0.00	28.24 1.16 0.00	30.37 1.25 0.00	30.78 1.30 0.00	31.91 1.34 0.00	33.24 1.31 0.00	32.69 1.23 0.00	32.93 1.24 0.00	33.95 1.24 0.00	34.84 1.18 0.00	37.87 1.65 0.37	41.91 1.94 -0.38	40.45 1.96 0.00	39.41 2.05 0.00	36.79 2.05 -0.07	33.86 1.67 0.00	29.07 1.25 0.00	25.60 1.13 0.00
HUNTER MOUNT___DRP 323613	26.04 1.19 0.00	23.66 1.10 0.00	22.95 1.13 0.00	22.04 1.09 0.00	22.68 1.14 0.00	22.75 1.15 0.00	25.70 1.20 0.00	28.30 1.22 0.00	30.39 1.28 0.00	30.81 1.33 0.00	31.94 1.38 0.00	33.21 1.28 0.00	32.66 1.20 0.00	32.87 1.17 0.00	33.88 1.18 0.00	34.81 1.14 0.00	38.01 1.68 0.26	41.93 2.02 -0.32	40.53 2.04 0.00	39.52 2.17 0.00	36.95 2.22 -0.06	33.96 1.77 0.00	29.13 1.31 0.00	25.65 1.17 0.00
HUNTINGTON_RES_REC 323705	30.59 2.58 -3.16	26.30 2.25 -1.49	25.64 2.12 -1.71	22.96 1.99 -0.02	23.61 2.07 -0.01	23.87 2.14 -0.13	27.18 2.55 -0.13	30.12 3.03 -0.01	32.02 2.91 0.00	32.40 2.92 0.00	34.51 2.87 -1.08	37.56 3.51 -2.12	38.40 3.55 -3.39	45.47 3.61 -10.16	45.66 3.82 -9.13	89.07 4.07 -51.34	188.68 4.54 -147.55	243.23 5.19 -198.45	270.14 4.97 -226.69	261.66 4.78 -219.52	93.44 4.30 -54.47	68.74 3.73 -32.82	31.10 3.34 0.06	29.75 2.91 -2.37
HUNTLEY___63 23557	24.94 0.10 0.00	22.39 -0.16 0.00	21.40 -0.41 0.00	20.43 -0.52 0.00	21.28 -0.26 0.00	21.56 -0.04 0.00	24.45 -0.05 0.00	26.97 -0.11 0.00	28.94 -0.17 0.00	29.21 -0.27 0.00	30.59 0.03 0.00	31.65 -0.29 0.00	31.53 0.06 0.00	31.67 -0.03 0.00	32.70 0.00 0.00	33.36 -0.30 0.00	36.88 0.29 0.00	40.11 0.51 0.00	39.14 0.65 0.00	37.66 0.30 0.00	34.46 -0.21 0.00	31.93 -0.26 0.00	27.77 -0.06 0.00	24.57 0.10 0.00
HUNTLEY___64 23558	24.94 0.10 0.00	22.39 -0.16 0.00	21.40 -0.41 0.00	20.43 -0.52 0.00	21.28 -0.26 0.00	21.56 -0.04 0.00	24.45 -0.05 0.00	26.97 -0.11 0.00	28.94 -0.17 0.00	29.21 -0.27 0.00	30.59 0.03 0.00	31.65 -0.29 0.00	31.53 0.06 0.00	31.67 -0.03 0.00	32.70 0.00 0.00	33.36 -0.30 0.00	36.88 0.29 0.00	40.11 0.51 0.00	39.14 0.65 0.00	37.66 0.30 0.00	34.46 -0.21 0.00	31.93 -0.26 0.00	27.77 -0.06 0.00	24.57 0.10 0.00
HUNTLEY___65 23559	24.94 0.10 0.00	22.39 -0.16 0.00	21.40 -0.41 0.00	20.43 -0.52 0.00	21.28 -0.26 0.00	21.56 -0.04 0.00	24.45 -0.05 0.00	26.97 -0.11 0.00	28.94 -0.17 0.00	29.21 -0.27 0.00	30.59 0.03 0.00	31.65 -0.29 0.00	31.53 0.06 0.00	31.67 -0.03 0.00	32.70 0.00 0.00	33.36 -0.30 0.00	36.88 0.29 0.00	40.11 0.51 0.00	39.14 0.65 0.00	37.66 0.30 0.00	34.46 -0.21 0.00	31.93 -0.26 0.00	27.77 -0.06 0.00	24.57 0.10 0.00
HUNTLEY___66 23560	24.94 0.10 0.00	22.39 -0.16 0.00	21.40 -0.41 0.00	20.43 -0.52 0.00	21.28 -0.26 0.00	21.56 -0.04 0.00	24.45 -0.05 0.00	26.97 -0.11 0.00	28.94 -0.17 0.00	29.21 -0.27 0.00	30.59 0.03 0.00	31.65 -0.29 0.00	31.53 0.06 0.00	31.67 -0.03 0.00	32.70 0.00 0.00	33.36 -0.30 0.00	36.88 0.29 0.00	40.11 0.51 0.00	39.14 0.65 0.00	37.66 0.30 0.00	34.46 -0.21 0.00	31.93 -0.26 0.00	27.77 -0.06 0.00	24.57 0.10 0.00

HUNTLEY___67 23561	24.77 -0.07 0.00	22.28 -0.27 0.00	21.29 -0.52 0.00	20.32 -0.63 0.00	21.17 -0.37 0.00	21.43 -0.17 0.00	24.33 -0.17 0.00	26.78 -0.30 0.00	28.76 -0.35 0.00	29.07 -0.41 0.00	30.38 -0.18 0.00	31.42 -0.51 0.00	31.30 -0.16 0.00	31.44 -0.25 0.00	32.48 -0.23 0.00	33.13 -0.54 0.00	36.63 0.04 0.00	39.83 0.24 0.00	38.87 0.38 0.00	37.43 0.07 0.00	34.29 -0.38 0.00	31.74 -0.45 0.00	27.60 -0.22 0.00	24.45 -0.02 0.00
HUNTLEY___68 23562	24.77 -0.07 0.00	22.28 -0.27 0.00	21.29 -0.52 0.00	20.32 -0.63 0.00	21.17 -0.37 0.00	21.43 -0.17 0.00	24.33 -0.17 0.00	26.78 -0.30 0.00	28.71 -0.41 0.00	29.01 -0.47 0.00	30.32 -0.24 0.00	31.36 -0.57 0.00	31.24 -0.22 0.00	31.35 -0.35 0.00	32.38 -0.33 0.00	33.13 -0.54 0.00	36.63 0.04 0.00	39.83 0.24 0.00	38.87 0.38 0.00	37.43 0.07 0.00	34.29 -0.38 0.00	31.74 -0.45 0.00	27.60 -0.22 0.00	24.45 -0.02 0.00
HYLAND___LFG 323620	26.21 1.37 0.00	23.45 0.90 0.00	22.47 0.65 0.00	21.46 0.50 0.00	22.37 0.84 0.00	22.62 1.02 0.00	25.80 1.30 0.00	28.32 1.25 0.00	29.81 0.70 0.00	29.89 0.41 0.00	31.08 0.52 0.00	32.03 0.10 0.00	31.78 0.31 0.00	31.86 0.16 0.00	31.72 -0.98 0.00	33.16 -0.50 0.00	36.41 -0.18 0.00	39.91 0.32 0.00	39.03 0.54 0.00	38.03 0.67 0.00	35.33 0.66 0.00	32.67 0.48 0.00	29.27 1.45 0.00	25.41 0.93 0.00
INDECK___CORINTH 23802	26.81 1.96 0.00	24.26 1.71 0.00	23.43 1.61 0.00	22.48 1.53 0.00	23.15 1.62 0.00	23.23 1.62 0.00	26.43 1.94 0.00	29.25 2.17 0.00	31.53 2.42 0.00	32.02 2.54 0.00	32.21 1.65 0.00	33.63 1.69 0.00	33.16 1.70 0.00	33.28 1.58 0.00	33.95 1.24 0.00	34.91 1.25 0.00	37.41 1.28 0.46	41.58 1.59 -0.40	40.68 2.19 0.00	39.52 2.17 0.00	36.89 2.15 -0.07	34.09 1.90 0.00	30.10 2.28 0.00	26.43 1.96 0.00
INDECK___ILION 23567	25.08 0.17 -0.06	22.66 0.11 0.00	21.92 0.11 0.00	21.06 0.10 0.00	21.64 0.11 0.00	21.71 0.11 0.00	24.62 0.12 0.00	27.27 0.19 0.00	29.32 0.20 0.00	29.72 0.24 0.00	30.81 0.24 0.00	32.22 0.29 0.00	31.71 0.25 0.00	32.22 0.25 -0.27	33.66 0.26 -0.70	34.68 0.27 -0.74	37.81 0.33 -0.89	40.99 0.36 -1.04	39.84 0.38 -0.97	37.91 0.37 -0.18	35.05 0.38 0.00	32.48 0.29 0.00	28.07 0.25 0.00	24.70 0.22 0.00
INDECK___OLEAN 23982	25.31 0.47 0.00	22.69 0.14 0.00	21.64 -0.18 0.00	20.70 -0.25 0.00	21.53 0.00 0.00	21.86 0.26 0.00	25.04 0.54 0.00	27.48 0.41 0.00	29.49 0.38 0.00	29.69 0.21 0.00	31.14 0.58 0.00	32.22 0.29 0.00	32.03 0.57 0.00	32.33 0.63 0.00	33.26 0.56 0.00	34.14 0.47 0.00	37.43 0.84 0.00	40.98 1.39 0.00	39.83 1.35 0.00	38.33 0.97 0.00	35.19 0.52 0.00	32.54 0.35 0.00	28.26 0.44 0.00	24.82 0.34 0.00
INDECK___OSWEGO 23783	24.56 -0.25 0.03	22.23 -0.32 0.00	21.46 -0.35 0.00	20.60 -0.36 0.00	21.25 -0.28 0.00	21.32 -0.28 0.00	24.21 -0.29 0.00	26.64 -0.43 0.00	28.62 -0.50 0.00	29.01 -0.47 0.00	30.04 -0.52 0.00	31.36 -0.57 0.00	30.93 -0.54 0.00	30.99 -0.57 0.14	31.79 -0.56 0.36	32.67 -0.60 0.39	35.43 -0.70 0.46	38.42 -0.64 0.54	37.37 -0.62 0.50	36.66 -0.60 0.10	34.08 -0.59 0.00	31.55 -0.64 0.00	27.32 -0.50 0.00	23.94 -0.54 0.00
INDECK___YERKES 23781	25.04 0.20 0.00	22.42 -0.13 0.00	21.42 -0.39 0.00	20.45 -0.50 0.00	21.30 -0.24 0.00	21.58 -0.02 0.00	24.48 -0.02 0.00	27.00 -0.08 0.00	28.97 -0.14 0.00	29.24 -0.24 0.00	30.75 0.18 0.00	31.71 -0.22 0.00	31.56 0.09 0.00	31.82 0.13 0.00	32.70 0.00 0.00	33.39 -0.27 0.00	36.70 0.11 0.00	40.11 0.51 0.00	39.14 0.65 0.00	37.62 0.26 0.00	34.50 -0.17 0.00	31.90 -0.29 0.00	27.77 -0.06 0.00	24.33 -0.15 0.00
INDIAN POINT_GT_1 24139	26.33 1.49 0.00	23.86 1.31 0.00	23.01 1.20 0.00	22.08 1.13 0.00	22.70 1.16 0.00	22.84 1.23 0.00	25.97 1.47 0.00	28.89 1.81 0.00	31.18 2.07 0.00	31.51 2.03 0.00	41.86 2.17 -9.13	52.30 2.43 -17.94	62.54 2.42 -28.65	65.64 2.54 -31.41	68.25 2.65 -32.90	68.67 2.79 -32.21	75.26 3.22 -35.45	45.06 3.60 -1.86	63.55 3.35 -21.71	56.24 3.21 -15.67	38.00 2.98 -0.35	34.73 2.54 0.00	29.94 2.11 0.00	26.34 1.86 0.00
INDIAN POINT_GT_2 23659	26.33 1.49 0.00	23.86 1.31 0.00	23.01 1.20 0.00	22.08 1.13 0.00	22.70 1.16 0.00	22.84 1.23 0.00	25.97 1.47 0.00	28.89 1.81 0.00	31.18 2.07 0.00	31.51 2.03 0.00	41.86 2.17 -9.13	52.30 2.43 -17.94	62.54 2.42 -28.65	65.64 2.54 -31.41	68.25 2.65 -32.90	68.67 2.79 -32.21	75.26 3.22 -35.45	45.06 3.60 -1.86	63.55 3.35 -21.71	56.24 3.21 -15.67	38.00 2.98 -0.35	34.73 2.54 0.00	29.94 2.11 0.00	26.34 1.86 0.00
INDIAN POINT_GT_3 24019	26.33 1.49 0.00	23.86 1.31 0.00	23.01 1.20 0.00	22.08 1.13 0.00	22.70 1.16 0.00	22.84 1.23 0.00	25.97 1.47 0.00	28.89 1.81 0.00	31.18 2.07 0.00	31.51 2.03 0.00	41.86 2.17 -9.13	52.30 2.43 -17.94	62.54 2.42 -28.65	65.64 2.54 -31.41	68.25 2.65 -32.90	68.67 2.79 -32.21	75.26 3.22 -35.45	45.06 3.60 -1.86	63.55 3.35 -21.71	56.24 3.21 -15.67	38.00 2.98 -0.35	34.73 2.54 0.00	29.94 2.11 0.00	26.34 1.86 0.00
INDIAN POINT___2 23530	26.28 1.44 0.00	23.74 1.19 0.00	22.88 1.07 0.00	21.96 1.01 0.00	22.59 1.05 0.00	22.73 1.12 0.00	25.90 1.40 0.00	28.79 1.71 0.00	31.03 1.92 0.00	31.39 1.92 0.00	29.78 2.08 2.87	28.60 2.30 5.63	24.76 2.30 8.99	24.22 2.38 9.86	24.90 2.52 10.33	26.18 2.63 10.11	28.64 2.93 10.88	39.78 3.44 3.25	34.87 3.19 6.81	35.46 3.02 4.92	36.87 2.81 0.61	34.57 2.38 0.00	29.83 2.00 0.00	26.19 1.71 0.00
INDIAN POINT___3 23531	26.36 1.52 0.00	23.88 1.33 0.00	23.03 1.22 0.00	22.11 1.15 0.00	22.72 1.18 0.00	22.86 1.25 0.00	25.99 1.49 0.00	28.92 1.84 0.00	31.21 2.10 0.00	31.57 2.09 0.00	33.95 2.20 -1.19	36.73 2.46 -2.34	37.65 2.45 -3.73	38.36 2.57 -4.09	39.64 2.65 -4.29	40.66 2.79 -4.20	44.60 3.22 -4.79	49.89 3.60 -6.70	44.67 3.35 -2.83	42.61 3.21 -2.04	38.94 3.02 -1.25	34.76 2.58 0.00	29.96 2.14 0.00	26.36 1.88 0.00
INGHAM_C_115KV_TB7 356103	24.83 -0.07 -0.06	22.44 -0.11 0.00	21.70 -0.11 0.00	20.83 -0.13 0.00	21.41 -0.13 0.00	21.45 -0.15 0.00	24.35 -0.15 0.00	26.97 -0.11 0.00	29.03 -0.09 0.00	29.45 -0.03 0.00	30.53 -0.03 0.00	31.97 0.03 0.00	31.46 0.00 0.00	31.93 -0.03 0.00	33.37 -0.03 -0.70	34.37 -0.03 -0.74	37.48 0.00 -0.89	40.63 0.00 -1.04	39.45 0.00 -0.97	37.58 0.04 -0.18	34.77 0.10 0.00	32.22 0.03 0.00	27.88 0.06 0.00	24.55 0.07 0.00
IP CORINTH___1 23988	26.78 1.94 0.00	24.29 1.74 0.00	23.43 1.61 0.00	22.50 1.55 0.00	23.15 1.62 0.00	23.25 1.64 0.00	26.44 1.94 0.00	29.24 2.17 0.00	31.53 2.42 0.00	32.01 2.54 0.00	33.22 2.66 0.00	33.88 1.95 0.00	33.32 1.86 0.00	33.47 1.78 0.00	34.11 1.41 0.00	35.01 1.35 0.00	37.71 1.57 0.46	41.77 1.78 -0.40	40.87 2.39 0.00	39.71 2.35 0.00	37.10 2.36 -0.07	34.28 2.09 0.00	30.10 2.28 0.00	26.46 1.98 0.00

IP___TICONDEROGA 23804	28.10 3.25 0.00	25.46 2.91 0.00	24.52 2.70 0.00	23.53 2.58 0.00	24.23 2.69 0.00	24.33 2.72 0.00	27.78 3.28 0.00	30.76 3.68 0.00	33.16 4.05 0.00	33.75 4.27 0.00	34.96 4.40 0.00	35.86 3.93 0.00	35.30 3.84 0.00	35.34 3.65 0.00	36.04 3.34 0.00	36.86 3.20 0.00	39.96 3.84 0.47	44.23 4.24 -0.40	43.45 4.97 0.00	42.10 4.74 0.00	39.25 4.51 -0.07	36.24 4.06 0.00	31.52 3.70 0.00	27.71 3.23 0.00
ISLIP_RES_REC 323679	31.04 3.03 -3.16	26.68 2.64 -1.49	25.99 2.46 -1.71	23.27 2.30 -0.02	23.93 2.39 -0.01	24.22 2.48 -0.13	27.57 2.94 -0.13	30.58 3.49 -0.01	32.58 3.46 0.00	33.02 3.54 0.00	35.15 3.51 -1.08	38.23 4.18 -2.12	39.07 4.22 -3.39	44.97 4.34 -8.93	44.99 4.61 -7.67	72.26 4.78 -33.81	136.67 5.23 -94.85	172.70 5.94 -127.17	188.32 5.62 -144.21	182.23 5.45 -139.42	74.45 4.96 -34.82	58.15 4.34 -21.62	31.77 3.81 -0.14	30.27 3.40 -2.39
JAMAICA__27_KV_LOAD 355505	26.71 1.86 0.00	24.15 1.60 0.00	23.25 1.44 0.00	22.27 1.32 0.00	22.89 1.36 0.00	23.09 1.49 0.00	26.39 1.89 0.00	29.49 2.41 0.00	31.91 2.79 0.00	32.28 2.80 0.00	34.40 2.75 -1.09	37.07 3.00 -2.13	37.86 2.99 -3.41	38.57 3.14 -3.74	39.82 3.21 -3.91	40.86 3.37 -3.83	44.91 3.92 -4.40	48.85 4.43 -4.82	45.19 4.12 -2.58	43.18 3.96 -1.86	39.35 3.78 -0.90	35.47 3.28 0.00	30.60 2.78 0.00	26.90 2.42 0.00
JANIS___SOLAR 323808	26.21 1.37 0.00	23.61 1.06 0.00	22.75 0.94 0.00	21.81 0.86 0.00	22.59 1.05 0.00	22.75 1.14 0.00	26.02 1.52 0.00	28.81 1.73 0.00	30.77 1.66 0.00	31.13 1.65 0.00	32.09 1.53 0.00	33.40 1.47 0.00	32.91 1.45 0.00	33.03 1.33 0.00	34.05 1.34 0.00	35.18 1.52 0.00	38.38 1.79 0.00	41.77 2.34 0.16	40.95 2.47 0.00	39.82 2.46 0.00	36.93 2.29 0.03	34.09 1.90 0.00	29.46 1.64 0.00	25.75 1.27 0.00
JARVIS____ 23743	25.13 0.22 -0.06	22.73 0.18 0.00	21.99 0.17 0.00	21.12 0.17 0.00	21.73 0.19 0.00	21.78 0.17 0.00	24.72 0.22 0.00	27.32 0.24 0.00	29.37 0.26 0.00	29.74 0.26 0.00	30.87 0.31 0.00	32.25 0.32 0.00	31.78 0.31 0.00	32.28 0.32 -0.27	33.70 0.29 -0.70	34.71 0.30 -0.74	37.81 0.33 -0.89	41.07 0.44 -1.04	39.88 0.42 -0.97	37.99 0.45 -0.18	35.09 0.42 0.00	32.51 0.32 0.00	28.10 0.28 0.00	24.70 0.22 0.00
JENNISON___1 23625	26.31 1.47 0.00	23.77 1.22 0.00	22.95 1.13 0.00	22.00 1.05 0.00	22.74 1.21 0.00	22.86 1.25 0.00	26.12 1.62 0.00	29.00 1.92 0.00	31.09 1.98 0.00	31.48 2.00 0.00	32.55 1.99 0.00	34.01 2.08 0.00	33.51 2.05 0.00	33.66 1.97 0.00	34.73 2.03 0.00	35.85 2.19 0.00	39.15 2.56 0.00	42.19 2.85 0.25	41.34 2.85 0.00	40.12 2.76 0.00	37.19 2.57 0.05	34.38 2.19 0.00	29.66 1.84 0.00	26.04 1.57 0.00
JENNISON___2 23626	26.31 1.47 0.00	23.77 1.22 0.00	22.95 1.13 0.00	22.00 1.05 0.00	22.74 1.21 0.00	22.86 1.25 0.00	26.12 1.62 0.00	29.00 1.92 0.00	31.09 1.98 0.00	31.48 2.00 0.00	32.55 1.99 0.00	34.01 2.08 0.00	33.51 2.05 0.00	33.66 1.97 0.00	34.73 2.03 0.00	35.85 2.19 0.00	39.15 2.56 0.00	42.19 2.85 0.25	41.34 2.85 0.00	40.12 2.76 0.00	37.19 2.57 0.05	34.38 2.19 0.00	29.66 1.84 0.00	26.04 1.57 0.00
JERICHO_RISE_WT_PWR 323719	22.84 -0.84 1.16	21.96 -0.59 0.00	21.35 -0.46 0.00	20.53 -0.42 0.00	21.10 -0.43 0.00	21.22 -0.39 0.00	23.86 -0.64 0.00	26.40 -0.68 0.00	28.33 -0.78 0.00	28.62 -0.86 0.00	29.56 -1.01 0.00	30.88 -1.05 0.00	30.23 -1.23 0.00	25.13 -1.30 5.27	17.71 -1.34 13.66	17.74 -1.35 14.57	17.76 -1.43 17.40	17.56 -1.66 20.37	17.98 -1.58 18.93	32.49 -1.27 3.60	33.66 -1.01 0.00	31.35 -0.84 0.00	27.04 -0.78 0.00	23.82 -0.66 0.00
KATONAH___115KV_46KV_TB4 355592	26.61 1.76 0.00	24.08 1.53 0.00	23.23 1.42 0.00	22.27 1.32 0.00	22.91 1.38 0.00	23.05 1.45 0.00	26.21 1.71 0.00	29.19 2.11 0.00	31.50 2.39 0.00	31.87 2.39 0.00	33.84 2.57 -0.71	36.15 2.81 -1.40	36.53 2.83 -2.24	37.10 2.95 -2.45	38.35 3.07 -2.57	39.45 3.27 -2.52	43.32 3.77 -2.96	45.58 4.12 -1.87	44.07 3.89 -1.70	42.28 3.70 -1.22	38.38 3.36 -0.35	35.09 2.90 0.00	30.19 2.36 0.00	26.56 2.08 0.00
KCE_NY_1 323755	26.46 1.61 0.00	23.97 1.42 0.00	23.16 1.35 0.00	22.25 1.30 0.00	22.89 1.36 0.00	22.97 1.36 0.00	26.07 1.57 0.00	28.84 1.76 0.00	31.03 1.92 0.00	31.51 2.03 0.00	32.43 1.86 0.00	33.88 1.95 0.00	33.32 1.86 0.00	33.54 1.84 0.00	34.44 1.73 0.00	35.41 1.75 0.00	38.05 1.94 0.48	42.29 2.30 -0.40	41.03 2.54 0.00	39.86 2.50 0.00	37.14 2.39 -0.08	34.28 2.09 0.00	29.69 1.86 0.00	26.09 1.62 0.00
KCE_NY_6_ESR 323823	25.24 0.40 0.00	22.60 0.05 0.00	21.59 -0.22 0.00	20.64 -0.31 0.00	21.49 -0.04 0.00	21.76 0.15 0.00	24.74 0.24 0.00	27.27 0.19 0.00	29.26 0.15 0.00	29.54 0.06 0.00	31.02 0.46 0.00	32.03 0.10 0.00	31.84 0.38 0.00	32.11 0.41 0.00	33.00 0.29 0.00	33.77 0.10 0.00	37.03 0.44 0.00	40.51 0.91 0.00	39.49 1.00 0.00	37.99 0.63 0.00	34.88 0.21 0.00	32.22 0.03 0.00	28.07 0.25 0.00	24.60 0.12 0.00
KEDC_PORT_JEFF_GT2 24210	30.84 2.83 -3.16	26.50 2.46 -1.49	25.81 2.29 -1.71	23.13 2.16 -0.02	23.78 2.24 -0.01	24.05 2.31 -0.13	27.37 2.74 -0.13	30.36 3.28 -0.01	32.29 3.17 0.00	32.69 3.21 0.00	34.70 3.06 -1.08	37.75 3.70 -2.12	38.59 3.74 -3.39	44.69 3.71 -9.29	44.66 3.86 -8.10	76.78 4.00 -39.11	151.83 4.43 -110.81	193.43 5.07 -148.77	212.46 4.77 -169.20	205.68 4.63 -163.69	79.66 4.23 -40.76	60.86 3.67 -25.00	31.52 3.53 -0.17	30.08 3.21 -2.39
KEDC_PORT_JEFF_GT3 24211	30.84 2.83 -3.16	26.50 2.46 -1.49	25.81 2.29 -1.71	23.13 2.16 -0.02	23.78 2.24 -0.01	24.05 2.31 -0.13	27.37 2.74 -0.13	30.36 3.28 -0.01	32.29 3.17 0.00	32.69 3.21 0.00	34.70 3.06 -1.08	37.75 3.70 -2.12	38.59 3.74 -3.39	44.69 3.71 -9.29	44.66 3.86 -8.10	76.78 4.00 -39.11	151.83 4.43 -110.81	193.43 5.07 -148.77	212.46 4.77 -169.20	205.68 4.63 -163.69	79.66 4.23 -40.76	60.86 3.67 -25.00	31.52 3.53 -0.17	30.08 3.21 -2.39
KEDC_GLWD_GT4 24219	30.14 2.14 -3.16	25.87 1.83 -1.49	25.23 1.70 -1.71	22.56 1.59 -0.02	23.20 1.66 -0.01	23.46 1.73 -0.13	26.71 2.08 -0.13	29.63 2.54 -0.01	31.82 2.71 0.00	32.22 2.74 0.00	34.55 2.91 -1.08	37.37 3.32 -2.12	38.18 3.33 -3.39	42.06 3.42 -6.93	41.43 3.43 -5.29	40.98 3.50 -3.82	44.84 3.88 -4.37	48.80 4.43 -4.78	45.25 4.20 -2.57	43.21 4.00 -1.86	39.77 3.95 -1.15	38.08 3.41 -2.48	30.70 2.87 -0.01	29.33 2.47 -2.38
KEDC_GLWD_GT5 24220	30.14 2.14 -3.16	25.87 1.83 -1.49	25.23 1.70 -1.71	22.56 1.59 -0.02	23.20 1.66 -0.01	23.46 1.73 -0.13	26.71 2.08 -0.13	29.63 2.54 -0.01	31.82 2.71 0.00	32.22 2.74 0.00	34.55 2.91 -1.08	37.37 3.32 -2.12	38.18 3.33 -3.39	42.06 3.42 -6.93	41.43 3.43 -5.29	40.98 3.50 -3.82	44.84 3.88 -4.37	48.80 4.43 -4.78	45.25 4.20 -2.57	43.21 4.00 -1.86	39.77 3.95 -1.15	38.08 3.41 -2.48	30.70 2.87 -0.01	29.33 2.47 -2.38

KENSICO____ 23655	26.51 1.66 0.00	24.02 1.47 0.00	23.16 1.35 0.00	22.23 1.28 0.00	22.85 1.31 0.00	22.99 1.38 0.00	26.17 1.67 0.00	29.14 2.06 0.00	31.44 2.33 0.00	31.81 2.33 0.00	34.17 2.45 -1.16	36.96 2.75 -2.28	37.84 2.74 -3.64	38.54 2.85 -3.99	39.82 2.94 -4.17	40.81 3.06 -4.09	44.82 3.55 -4.68	48.76 3.96 -5.20	44.94 3.69 -2.75	42.89 3.55 -1.99	38.94 3.29 -0.97	35.05 2.86 0.00	30.16 2.34 0.00	26.56 2.08 0.00
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	26.43 1.59 0.00	23.90 1.35 0.00	23.03 1.22 0.00	22.11 1.15 0.00	22.74 1.21 0.00	22.81 1.21 0.00	25.99 1.49 0.00	28.89 1.81 0.00	31.12 2.01 0.00	31.45 1.98 0.00	32.64 2.08 0.00	34.23 2.30 0.00	33.82 2.36 0.00	34.20 2.50 0.00	35.32 2.62 0.00	36.53 2.86 0.00	40.06 3.37 -0.10	43.12 3.76 0.24	42.03 3.54 0.00	40.76 3.40 0.00	37.81 3.19 0.04	34.89 2.70 0.00	29.99 2.17 0.00	26.36 1.88 0.00
KIAC_JFK_GT1 23816	26.56 1.71 0.00	24.02 1.47 0.00	23.14 1.33 0.00	22.17 1.22 0.00	22.78 1.25 0.00	22.97 1.36 0.00	26.24 1.74 0.00	29.33 2.25 0.00	31.73 2.62 0.00	32.10 2.62 0.00	34.19 2.54 -1.09	36.75 2.68 -2.13	37.55 2.67 -3.41	38.26 2.82 -3.74	39.46 2.85 -3.91	40.53 3.03 -3.83	44.50 3.51 -4.40	48.37 3.96 -4.82	44.73 3.66 -2.58	42.77 3.55 -1.86	38.97 3.40 -0.90	35.25 3.06 0.00	30.41 2.59 0.00	26.73 2.25 0.00
KIAC_JFK_GT2 23817	26.56 1.71 0.00	24.02 1.47 0.00	23.14 1.33 0.00	22.17 1.22 0.00	22.78 1.25 0.00	22.97 1.36 0.00	26.24 1.74 0.00	29.33 2.25 0.00	31.73 2.62 0.00	32.10 2.62 0.00	34.19 2.54 -1.09	36.75 2.68 -2.13	37.55 2.67 -3.41	38.26 2.82 -3.74	39.46 2.85 -3.91	40.53 3.03 -3.83	44.50 3.51 -4.40	48.37 3.96 -4.82	44.73 3.66 -2.58	42.77 3.55 -1.86	38.97 3.40 -0.90	35.25 3.06 0.00	30.41 2.59 0.00	26.73 2.25 0.00
KIAC_JFK____ 323774	26.58 1.74 0.00	24.00 1.44 0.00	23.10 1.29 0.00	22.13 1.17 0.00	22.74 1.21 0.00	22.94 1.34 0.00	26.24 1.74 0.00	29.32 2.25 0.00	31.73 2.62 0.00	32.10 2.62 0.00	34.25 2.60 -1.09	36.78 2.71 -2.13	37.54 2.67 -3.41	38.22 2.79 -3.74	39.50 2.88 -3.91	40.46 2.96 -3.83	44.39 3.40 -4.40	48.41 4.00 -4.82	44.77 3.70 -2.58	42.77 3.55 -1.86	38.93 3.36 -0.90	35.21 3.02 0.00	30.41 2.59 0.00	26.70 2.23 0.00
KINTIGH____ 23543	24.55 -0.30 0.00	22.12 -0.43 0.00	21.16 -0.65 0.00	20.22 -0.73 0.00	21.02 -0.52 0.00	21.26 -0.35 0.00	24.11 -0.39 0.00	26.59 -0.49 0.00	28.56 -0.55 0.00	28.86 -0.62 0.00	30.14 -0.43 0.00	31.23 -0.70 0.00	31.02 -0.44 0.00	31.13 -0.57 0.00	32.18 -0.52 0.00	32.92 -0.74 0.00	36.30 -0.29 0.00	39.48 -0.12 0.00	38.53 0.04 0.00	37.13 -0.22 0.00	34.05 -0.62 0.00	31.55 -0.64 0.00	27.38 -0.45 0.00	24.18 -0.29 0.00
KNTFSRNC_46_KV_46KV_LOAD 80397	22.73 -0.94 1.17	21.83 -0.72 0.00	21.27 -0.55 0.00	20.43 -0.52 0.00	21.04 -0.50 0.00	21.17 -0.43 0.00	24.16 -0.34 0.00	26.73 -0.35 0.00	28.62 -0.49 0.00	28.92 -0.56 0.00	29.86 -0.70 0.00	31.17 -0.77 0.00	30.46 -1.01 0.00	25.28 -1.08 5.34	17.75 -1.11 13.84	17.78 -1.11 14.77	17.75 -1.21 17.64	17.76 -1.19 20.65	18.19 -1.12 19.19	33.15 -0.56 3.65	34.43 -0.24 0.00	31.93 -0.26 0.00	27.57 -0.25 0.00	24.13 -0.34 0.00
LACHUTE__HYDRO 323717	28.12 3.28 0.00	25.41 2.86 0.00	24.49 2.68 0.00	23.51 2.56 0.00	24.20 2.67 0.00	24.30 2.70 0.00	27.78 3.28 0.00	30.76 3.68 0.00	33.16 4.05 0.00	33.75 4.27 0.00	34.23 3.67 0.00	35.83 3.89 0.00	35.30 3.84 0.00	35.34 3.64 0.00	36.04 3.34 0.00	37.03 3.37 0.00	39.86 3.73 0.47	44.23 4.24 -0.40	43.46 4.97 0.00	42.10 4.74 0.00	39.25 4.51 -0.07	36.21 4.02 0.00	31.52 3.70 0.00	27.66 3.18 0.00
LAWRNCALV_115KV_TB1 80681	22.70 -1.17 0.98	21.58 -0.97 0.00	20.92 -0.89 0.00	20.09 -0.86 0.00	20.63 -0.90 0.00	20.72 -0.89 0.00	23.59 -0.91 0.00	26.13 -0.95 0.00	28.04 -1.08 0.00	28.21 -1.27 0.00	28.94 -1.62 0.00	30.24 -1.69 0.00	29.73 -1.73 0.00	25.38 -1.87 4.45	19.30 -1.86 11.54	19.37 -1.99 12.31	19.70 -2.20 14.70	19.85 -2.53 17.21	19.84 -2.66 15.99	31.70 -2.61 3.04	32.49 -2.18 0.00	30.32 -1.87 0.00	26.46 -1.36 0.00	23.35 -1.13 0.00
LEDERLE____ 23769	26.43 1.59 0.00	23.93 1.38 0.00	23.05 1.24 0.00	22.13 1.17 0.00	22.74 1.21 0.00	22.88 1.27 0.00	26.07 1.57 0.00	28.97 1.90 0.00	31.27 2.15 0.00	31.63 2.15 0.00	31.33 2.26 1.50	31.51 2.52 2.95	29.31 2.55 4.70	29.23 2.69 5.16	30.08 2.78 5.40	31.34 2.96 5.29	34.39 3.40 5.61	46.32 3.80 -2.92	38.46 3.54 3.56	38.14 3.36 2.57	38.34 3.12 -0.55	34.89 2.70 0.00	30.05 2.23 0.00	26.41 1.93 0.00
LIGHTHSE_115KV_TB6 355974	24.88 0.12 0.09	22.55 0.00 0.00	21.77 -0.04 0.00	20.89 -0.06 0.00	21.60 0.06 0.00	21.69 0.09 0.00	24.67 0.17 0.00	27.21 0.14 0.00	29.17 0.06 0.00	29.54 0.06 0.00	30.53 -0.03 0.00	31.87 -0.06 0.00	31.43 -0.03 0.00	31.18 -0.13 0.39	31.63 -0.07 1.01	32.52 -0.07 1.07	35.16 -0.15 1.28	37.98 -0.12 1.50	37.06 -0.04 1.39	37.13 0.04 0.26	34.67 0.00 0.00	32.09 -0.10 0.00	27.82 0.00 0.00	24.43 -0.05 0.00
LINDEN COGEN____ 23786	26.56 1.71 0.00	23.97 1.42 0.00	23.10 1.29 0.00	22.15 1.19 0.00	22.76 1.23 0.00	22.92 1.32 0.00	26.17 1.67 0.00	29.19 2.11 0.00	31.56 2.45 0.00	31.93 2.45 0.00	34.28 2.63 -1.09	36.97 2.91 -2.13	37.70 2.83 -3.41	38.35 2.91 -3.74	39.66 3.04 -3.91	40.66 3.16 -3.83	44.50 3.51 -4.40	48.53 4.12 -4.82	44.88 3.81 -2.58	42.81 3.59 -1.86	39.04 3.47 -0.90	35.21 3.02 0.00	30.30 2.48 0.00	26.63 2.15 0.00
LINDHRST_69_KV_BK1 356055	30.74 2.73 -3.16	26.48 2.44 -1.49	25.79 2.27 -1.71	23.11 2.14 -0.02	23.77 2.24 0.00	24.05 2.31 -0.13	27.32 2.69 -0.13	30.30 3.22 0.00	32.32 3.20 0.00	32.72 3.24 0.00	34.85 3.21 -1.08	37.85 3.80 -2.12	38.74 3.90 -3.38	42.86 4.03 -7.14	42.49 4.25 -5.54	44.94 4.38 -6.90	55.20 4.94 -13.67	62.42 5.46 -17.36	60.82 5.20 -17.13	58.37 5.01 -16.00	43.86 4.58 -4.61	40.69 4.06 -4.45	31.37 3.53 -0.01	30.01 3.16 -2.38
LIPA_MISC_IPP 23656	30.76 2.76 -3.16	26.48 2.44 -1.49	25.79 2.27 -1.71	23.13 2.16 -0.02	23.77 2.24 0.00	24.05 2.31 -0.13	27.35 2.72 -0.13	30.30 3.22 0.00	32.29 3.17 0.00	32.69 3.21 0.00	34.76 3.12 -1.08	37.79 3.74 -2.12	38.71 3.87 -3.38	44.97 4.03 -9.24	45.04 4.28 -8.05	76.71 4.41 -38.64	150.97 4.98 -109.41	192.01 5.54 -146.88	210.70 5.20 -167.01	204.00 5.08 -161.57	79.51 4.61 -40.23	60.97 4.09 -24.69	31.50 3.53 -0.15	30.07 3.21 -2.39
LISF__SOLAR 323691	30.86 2.86 -3.16	26.50 2.46 -1.49	25.84 2.31 -1.71	23.13 2.16 -0.02	23.80 2.26 -0.01	24.07 2.33 -0.13	27.40 2.77 -0.13	30.36 3.28 -0.01	32.34 3.23 0.00	32.78 3.30 0.00	34.88 3.24 -1.08	37.95 3.89 -2.12	38.78 3.93 -3.39	44.97 4.06 -9.21	45.07 4.35 -8.02	76.34 4.48 -38.20	149.61 4.94 -108.08	190.34 5.66 -145.09	208.78 5.35 -164.94	202.14 5.23 -159.55	79.20 4.79 -39.74	60.79 4.18 -24.41	31.59 3.62 -0.15	30.10 3.23 -2.39

LITTLE FALLS___HYD 24013	24.83 -0.07 -0.06	22.44 -0.11 0.00	21.70 -0.11 0.00	20.83 -0.13 0.00	21.41 -0.13 0.00	21.45 -0.15 0.00	24.35 -0.15 0.00	26.97 -0.11 0.00	29.03 -0.09 0.00	29.45 -0.03 0.00	30.53 -0.03 0.00	31.97 0.03 0.00	31.46 0.00 0.00	31.93 -0.03 -0.27	33.37 -0.03 -0.70	34.37 -0.03 -0.74	37.48 0.00 -0.89	40.63 0.00 -1.04	39.45 0.00 -0.97	37.58 0.04 -0.18	34.77 0.10 0.00	32.22 0.03 0.00	27.88 0.06 0.00	24.55 0.07 0.00
LITTLRIV_115KV_TB1 356100	22.92 -0.97 0.96	21.76 -0.79 0.00	21.11 -0.70 0.00	20.26 -0.69 0.00	20.82 -0.71 0.00	20.91 -0.69 0.00	23.84 -0.66 0.00	26.46 -0.62 0.00	28.36 -0.76 0.00	28.54 -0.94 0.00	29.25 -1.31 0.00	30.59 -1.34 0.00	30.08 -1.38 0.00	25.79 -1.55 4.35	19.92 -1.50 11.28	20.01 -1.62 12.04	20.38 -1.83 14.38	20.50 -2.26 16.83	20.50 -2.35 15.64	32.10 -2.28 2.97	32.80 -1.87 0.00	30.58 -1.61 0.00	26.68 -1.14 0.00	23.52 -0.95 0.00
LI_NEWBRDGE___DRP 323616	30.12 2.11 -3.16	25.91 1.87 -1.49	25.27 1.74 -1.71	22.62 1.66 -0.02	23.28 1.74 0.00	23.51 1.77 -0.13	26.74 2.11 -0.13	29.68 2.60 0.00	31.68 2.56 0.00	32.07 2.59 0.00	34.21 2.57 -1.08	37.12 3.07 -2.12	37.99 3.15 -3.38	41.83 3.20 -6.93	41.40 3.40 -5.29	41.01 3.53 -3.82	45.02 4.06 -4.36	48.92 4.55 -4.77	45.28 4.23 -2.56	43.31 4.11 -1.85	39.53 3.71 -1.15	37.92 3.25 -2.48	30.66 2.84 0.00	29.38 2.52 -2.38
LOCKPORT_115KV_TB60_63_64 80432	24.82 -0.02 0.00	22.28 -0.27 0.00	21.31 -0.50 0.00	20.32 -0.63 0.00	21.17 -0.37 0.00	21.45 -0.15 0.00	24.33 -0.17 0.00	26.83 -0.24 0.00	28.76 -0.35 0.00	29.07 -0.41 0.00	30.41 -0.15 0.00	31.46 -0.48 0.00	31.34 -0.13 0.00	31.44 -0.25 0.00	32.48 -0.23 0.00	33.16 -0.50 0.00	36.63 0.04 0.00	39.91 0.32 0.00	38.95 0.46 0.00	37.47 0.11 0.00	34.29 -0.38 0.00	31.74 -0.45 0.00	27.60 -0.22 0.00	24.45 -0.02 0.00
LOCKPORT___CC1 323769	24.87 0.02 0.00	22.28 -0.27 0.00	21.29 -0.52 0.00	20.33 -0.63 0.00	21.17 -0.37 0.00	21.43 -0.17 0.00	24.30 -0.20 0.00	26.78 -0.30 0.00	28.73 -0.38 0.00	29.04 -0.44 0.00	30.47 -0.09 0.00	31.46 -0.48 0.00	31.27 -0.19 0.00	31.48 -0.22 0.00	32.38 -0.33 0.00	33.12 -0.54 0.00	36.37 -0.22 0.00	39.79 0.20 0.00	38.83 0.35 0.00	37.36 0.00 0.00	34.26 -0.41 0.00	31.67 -0.52 0.00	27.60 -0.22 0.00	24.18 -0.29 0.00
LOCKPORT___CC2 323770	24.87 0.02 0.00	22.28 -0.27 0.00	21.29 -0.52 0.00	20.33 -0.63 0.00	21.17 -0.37 0.00	21.43 -0.17 0.00	24.30 -0.20 0.00	26.78 -0.30 0.00	28.73 -0.38 0.00	29.04 -0.44 0.00	30.47 -0.09 0.00	31.46 -0.48 0.00	31.27 -0.19 0.00	31.48 -0.22 0.00	32.38 -0.33 0.00	33.12 -0.54 0.00	36.37 -0.22 0.00	39.79 0.20 0.00	38.83 0.35 0.00	37.36 0.00 0.00	34.26 -0.41 0.00	31.67 -0.52 0.00	27.60 -0.22 0.00	24.18 -0.29 0.00
LOCKPORT___CC3 323771	24.87 0.02 0.00	22.28 -0.27 0.00	21.29 -0.52 0.00	20.33 -0.63 0.00	21.17 -0.37 0.00	21.43 -0.17 0.00	24.30 -0.20 0.00	26.78 -0.30 0.00	28.73 -0.38 0.00	29.04 -0.44 0.00	30.47 -0.09 0.00	31.46 -0.48 0.00	31.27 -0.19 0.00	31.48 -0.22 0.00	32.38 -0.33 0.00	33.12 -0.54 0.00	36.37 -0.22 0.00	39.79 0.20 0.00	38.83 0.35 0.00	37.36 0.00 0.00	34.26 -0.41 0.00	31.67 -0.52 0.00	27.60 -0.22 0.00	24.18 -0.29 0.00
LONG_LAKE_PHOENIX 24014	24.79 -0.05 0.00	22.42 -0.14 0.00	21.64 -0.17 0.00	20.76 -0.19 0.00	21.43 -0.11 0.00	21.52 -0.09 0.00	24.40 -0.10 0.00	26.89 -0.19 0.00	28.88 -0.23 0.00	29.27 -0.21 0.00	30.35 -0.21 0.00	31.68 -0.26 0.00	31.24 -0.22 0.00	31.44 -0.25 0.00	32.44 -0.26 0.00	33.39 -0.27 0.00	36.37 -0.22 0.00	39.36 -0.24 0.00	38.30 -0.19 0.00	37.17 -0.19 0.00	34.43 -0.24 0.00	31.90 -0.29 0.00	27.57 -0.25 0.00	24.21 -0.27 0.00
LOVETT___3 23632	26.31 1.47 0.00	23.81 1.26 0.00	22.97 1.16 0.00	22.04 1.09 0.00	22.65 1.12 0.00	22.79 1.19 0.00	25.95 1.45 0.00	28.84 1.76 0.00	31.12 2.01 0.00	31.45 1.98 0.00	31.19 2.11 1.49	31.38 2.36 2.92	29.19 2.39 4.67	29.09 2.50 5.11	29.93 2.58 5.36	31.15 2.73 5.25	34.18 3.15 5.56	48.83 3.56 -5.67	38.22 3.27 3.54	37.94 3.14 2.55	38.64 2.91 -1.06	34.70 2.51 0.00	29.88 2.06 0.00	26.29 1.81 0.00
LOVETT___4 23642	26.31 1.47 0.00	23.81 1.26 0.00	22.97 1.16 0.00	22.04 1.09 0.00	22.65 1.12 0.00	22.79 1.19 0.00	25.95 1.45 0.00	28.84 1.76 0.00	31.12 2.01 0.00	31.45 1.98 0.00	31.19 2.11 1.49	31.38 2.36 2.92	29.19 2.39 4.67	29.09 2.50 5.11	29.93 2.58 5.36	31.15 2.73 5.25	34.18 3.15 5.56	48.83 3.56 -5.67	38.22 3.27 3.54	37.94 3.14 2.55	38.64 2.91 -1.06	34.70 2.51 0.00	29.88 2.06 0.00	26.29 1.81 0.00
LOVETT___5 23593	26.31 1.47 0.00	23.81 1.26 0.00	22.97 1.16 0.00	22.04 1.09 0.00	22.65 1.12 0.00	22.79 1.19 0.00	25.95 1.45 0.00	28.84 1.76 0.00	31.12 2.01 0.00	31.45 1.98 0.00	31.19 2.11 1.49	31.38 2.36 2.92	29.19 2.39 4.67	29.09 2.50 5.11	29.93 2.58 5.36	31.15 2.73 5.25	34.18 3.15 5.56	48.83 3.56 -5.67	38.22 3.27 3.54	37.94 3.14 2.55	38.64 2.91 -1.06	34.70 2.51 0.00	29.88 2.06 0.00	26.29 1.81 0.00
LOWER RAQUET___HYD 24057	22.74 -1.17 0.94	21.62 -0.93 0.00	20.98 -0.83 0.00	20.14 -0.82 0.00	20.72 -0.82 0.00	20.78 -0.82 0.00	23.59 -0.91 0.00	26.16 -0.92 0.00	28.04 -1.08 0.00	28.21 -1.27 0.00	28.88 -1.68 0.00	30.21 -1.72 0.00	29.67 -1.79 0.00	25.47 -1.97 4.26	19.73 -1.93 11.05	19.79 -2.09 11.79	20.10 -2.42 14.07	20.46 -2.65 16.48	20.40 -2.77 15.31	31.75 -2.69 2.91	32.38 -2.29 0.00	30.29 -1.90 0.00	26.43 -1.39 0.00	23.42 -1.05 0.00
LOWER___HUDSON 24059	26.01 1.17 0.00	23.61 1.06 0.00	22.84 1.03 0.00	21.94 0.99 0.00	22.57 1.03 0.00	22.66 1.06 0.00	25.65 1.15 0.00	28.32 1.25 0.00	30.51 1.40 0.00	30.95 1.47 0.00	32.03 1.47 0.00	33.44 1.50 0.00	32.81 1.35 0.00	33.06 1.36 0.00	34.05 1.34 0.00	34.98 1.31 0.00	37.43 1.47 0.62	41.77 1.74 -0.44	40.30 1.81 0.00	39.26 1.90 0.00	36.59 1.84 -0.08	33.77 1.58 0.00	29.16 1.34 0.00	25.67 1.20 0.00
LOWVILLE_115KV_TB2 356335	25.19 0.57 0.23	22.80 0.25 0.00	22.03 0.22 0.00	21.14 0.19 0.00	22.01 0.47 0.00	22.10 0.50 0.00	25.21 0.71 0.00	27.92 0.84 0.00	29.90 0.79 0.00	30.16 0.68 0.00	31.08 0.52 0.00	32.48 0.54 0.00	31.93 0.47 0.00	30.75 0.10 1.04	30.53 0.52 2.70	31.35 0.57 2.88	33.51 0.37 3.44	36.28 0.71 4.03	35.51 0.77 3.75	37.47 0.82 0.71	35.57 0.90 0.00	32.87 0.68 0.00	28.43 0.61 0.00	24.97 0.49 0.00
LUTHERFT_115KV_GLOB_FND_222 355753	26.41 1.57 0.00	23.99 1.44 0.00	23.16 1.35 0.00	22.25 1.30 0.00	22.89 1.36 0.00	22.97 1.36 0.00	26.07 1.57 0.00	28.81 1.73 0.00	31.03 1.92 0.00	31.48 2.00 0.00	32.64 2.08 0.00	33.85 1.92 0.00	33.32 1.86 0.00	33.50 1.81 0.00	34.44 1.73 0.00	35.35 1.68 0.00	38.12 2.01 0.48	42.21 2.22 -0.40	40.95 2.46 0.00	39.82 2.47 0.00	37.10 2.36 -0.08	34.25 2.06 0.00	29.66 1.84 0.00	26.12 1.64 0.00

LUTHERNY_35_KV_BK2 355980	26.43 1.59 0.00	23.99 1.44 0.00	23.19 1.37 0.00	22.27 1.32 0.00	22.89 1.36 0.00	22.99 1.38 0.00	26.07 1.57 0.00	28.84 1.76 0.00	31.03 1.92 0.00	31.51 2.03 0.00	32.67 2.11 0.00	33.88 1.95 0.00	33.32 1.86 0.00	33.54 1.84 0.00	34.44 1.73 0.00	35.35 1.68 0.00	38.12 2.01 0.48	42.25 2.26 -0.40	40.99 2.50 0.00	39.86 2.50 0.00	37.14 2.39 -0.08	34.28 2.09 0.00	29.68 1.86 0.00	26.14 1.66 0.00
LWR___OSWEGATCHIE_HYD 23850	23.88 -0.35 0.62	22.14 -0.41 0.00	21.44 -0.37 0.00	20.58 -0.38 0.00	21.28 -0.26 0.00	21.37 -0.24 0.00	24.38 -0.12 0.00	26.97 -0.11 0.00	28.91 -0.20 0.00	29.13 -0.35 0.00	29.89 -0.67 0.00	31.23 -0.70 0.00	30.71 -0.76 0.00	27.86 -1.01 2.83	24.56 -0.82 7.33	24.97 -0.88 7.82	26.20 -1.06 9.33	27.56 -1.11 10.93	27.26 -1.08 10.15	34.42 -1.01 1.93	33.91 -0.76 0.00	31.48 -0.71 0.00	27.38 -0.45 0.00	24.11 -0.37 0.00
LYONS_FALL_HYD 23570	25.41 0.69 0.13	22.98 0.43 0.00	22.20 0.39 0.00	21.31 0.36 0.00	22.09 0.56 0.00	22.19 0.58 0.00	25.31 0.81 0.00	28.03 0.95 0.00	30.04 0.93 0.00	30.36 0.88 0.00	31.36 0.79 0.00	32.73 0.80 0.00	32.22 0.75 0.00	31.62 0.51 0.59	31.97 0.78 1.52	32.89 0.84 1.62	35.39 0.73 1.93	38.40 1.07 2.26	37.46 1.08 2.10	38.04 1.08 0.40	35.78 1.11 0.00	33.09 0.90 0.00	28.60 0.78 0.00	25.09 0.61 0.00
MADISON___COUNTY_LFGE 323628	25.86 1.02 0.00	23.36 0.81 0.00	22.55 0.74 0.00	21.62 0.67 0.00	22.33 0.80 0.00	22.43 0.82 0.00	25.55 1.05 0.00	28.30 1.22 0.00	30.39 1.28 0.00	30.81 1.33 0.00	31.88 1.31 0.00	33.28 1.34 0.00	32.78 1.32 0.00	32.93 1.24 0.00	33.98 1.28 0.00	35.01 1.35 0.00	38.16 1.57 0.00	41.30 1.70 0.00	40.22 1.73 0.00	39.04 1.68 0.00	36.23 1.56 0.00	33.51 1.32 0.00	28.93 1.11 0.00	25.41 0.93 0.00
MALONE___115KV_TB1 356076	22.82 -0.92 1.10	21.85 -0.70 0.00	21.22 -0.59 0.00	20.41 -0.54 0.00	20.98 -0.56 0.00	21.09 -0.52 0.00	24.03 -0.47 0.00	26.62 -0.46 0.00	28.56 -0.55 0.00	28.80 -0.68 0.00	29.71 -0.86 0.00	31.01 -0.93 0.00	30.39 -1.07 0.00	25.54 -1.14 5.02	18.56 -1.14 13.00	18.61 -1.18 13.88	18.71 -1.32 16.57	18.73 -1.46 19.40	19.00 -1.46 18.02	32.66 -1.27 3.43	33.77 -0.90 0.00	31.38 -0.80 0.00	27.15 -0.67 0.00	23.84 -0.64 0.00
MAPLEWOD_115KV_TB3 80458	25.81 0.97 0.00	23.50 0.95 0.00	22.75 0.94 0.00	21.88 0.92 0.00	22.48 0.95 0.00	22.58 0.97 0.00	25.48 0.98 0.00	28.16 1.08 0.00	30.31 1.19 0.00	30.75 1.27 0.00	31.91 1.34 0.00	33.28 1.34 0.00	32.69 1.23 0.00	32.97 1.27 0.00	33.95 1.24 0.00	34.84 1.18 0.00	37.44 1.43 0.58	41.66 1.62 -0.44	40.14 1.66 0.00	39.11 1.76 0.00	36.45 1.70 -0.08	33.67 1.48 0.00	28.96 1.14 0.00	25.53 1.05 0.00
MAPLE_RIDGE_WT_1 323574	21.96 -1.04 1.85	21.67 -0.88 0.00	20.98 -0.83 0.00	20.16 -0.80 0.00	20.72 -0.82 0.00	20.85 -0.76 0.00	23.67 -0.83 0.00	26.19 -0.89 0.00	28.15 -0.96 0.00	28.54 -0.94 0.00	29.56 -1.01 0.00	30.88 -1.05 0.00	30.30 -1.16 0.00	21.96 -1.33 8.41	9.48 -1.44 21.79	8.96 -1.45 23.25	7.22 -1.61 27.76	5.38 -1.70 32.51	6.74 -1.54 30.20	30.19 -1.42 5.74	33.35 -1.32 0.00	31.00 -1.19 0.00	26.79 -1.03 0.00	23.64 -0.83 0.00
MAPLE_RIDGE_WT_2 323611	21.96 -1.04 1.85	21.67 -0.88 0.00	20.98 -0.83 0.00	20.16 -0.80 0.00	20.72 -0.82 0.00	20.85 -0.76 0.00	23.67 -0.83 0.00	26.19 -0.89 0.00	28.15 -0.96 0.00	28.54 -0.94 0.00	29.56 -1.01 0.00	30.88 -1.05 0.00	30.30 -1.16 0.00	21.96 -1.33 8.41	9.48 -1.44 21.79	8.96 -1.45 23.25	7.22 -1.61 27.76	5.38 -1.70 32.51	6.74 -1.54 30.20	30.19 -1.42 5.74	33.35 -1.32 0.00	31.00 -1.19 0.00	26.79 -1.03 0.00	23.64 -0.83 0.00
MARBLE_RIVER_WT_PWR 323696	22.92 -0.74 1.18	22.05 -0.50 0.00	21.44 -0.37 0.00	20.62 -0.34 0.00	21.21 -0.32 0.00	21.32 -0.28 0.00	23.94 -0.56 0.00	26.48 -0.60 0.00	28.39 -0.73 0.00	28.69 -0.79 0.00	29.62 -0.95 0.00	30.91 -1.02 0.00	30.23 -1.23 0.00	25.05 -1.27 5.38	17.46 -1.31 13.94	17.44 -1.35 14.87	17.44 -1.39 17.76	17.22 -1.58 20.79	17.67 -1.50 19.32	32.60 -1.08 3.67	33.87 -0.80 0.00	31.51 -0.68 0.00	27.18 -0.64 0.00	23.91 -0.56 0.00
MARSHVLE_115KV_TB1 80742	27.15 2.31 0.00	24.58 2.03 0.00	23.73 1.92 0.00	22.80 1.84 0.00	23.52 1.98 0.00	23.59 1.99 0.00	26.93 2.43 0.00	30.11 3.03 0.00	32.17 3.06 0.00	32.49 3.01 0.00	33.62 3.06 0.00	35.22 3.29 0.00	34.64 3.18 0.00	34.84 3.14 0.00	36.07 3.37 0.00	37.13 3.47 0.00	40.41 4.06 0.24	44.13 4.36 -0.18	43.61 5.12 0.00	42.36 5.01 0.00	39.28 4.58 -0.03	36.12 3.93 0.00	31.05 3.23 0.00	27.24 2.77 0.00
MARSH_HILL_WT_PWR 323713	25.27 0.42 0.00	22.69 0.14 0.00	21.81 0.00 0.00	20.85 -0.10 0.00	21.75 0.22 0.00	22.04 0.43 0.00	25.18 0.69 0.00	27.81 0.73 0.00	29.75 0.64 0.00	29.98 0.50 0.00	31.27 0.70 0.00	32.29 0.35 0.00	32.00 0.53 0.00	32.05 0.35 0.00	32.97 0.26 0.00	33.90 0.24 0.00	37.21 0.62 0.00	40.66 1.07 0.00	39.37 0.89 0.00	37.99 0.63 0.00	35.26 0.59 0.00	32.67 0.48 0.00	28.52 0.70 0.00	24.92 0.44 0.00
MCINTYRE_115KV_TB2 80467	22.99 -0.87 0.99	21.85 -0.70 0.00	21.20 -0.61 0.00	20.35 -0.61 0.00	20.89 -0.65 0.00	20.98 -0.63 0.00	23.91 -0.59 0.00	26.51 -0.57 0.00	28.39 -0.73 0.00	28.60 -0.88 0.00	29.37 -1.19 0.00	30.69 -1.25 0.00	30.20 -1.26 0.00	25.83 -1.36 4.50	19.73 -1.31 11.66	19.80 -1.41 12.45	20.12 -1.61 14.86	20.21 -1.98 17.40	20.24 -2.08 16.17	32.23 -2.05 3.07	33.04 -1.63 0.00	30.80 -1.38 0.00	26.79 -1.03 0.00	23.59 -0.88 0.00
MECO_____69_KV_BK1 80468	28.00 3.16 0.00	25.35 2.80 0.00	24.43 2.62 0.00	23.43 2.47 0.00	24.16 2.63 0.00	24.28 2.68 0.00	27.81 3.31 0.00	31.00 3.93 0.00	33.28 4.16 0.00	33.72 4.25 0.00	34.90 4.34 0.00	36.47 4.53 0.00	35.87 4.40 0.00	35.91 4.22 0.00	37.12 4.42 0.00	38.21 4.54 0.00	41.76 5.45 0.29	45.98 6.14 -0.25	45.34 6.85 0.00	43.78 6.43 0.00	40.54 5.82 -0.05	37.21 5.02 0.00	31.80 3.98 0.00	27.93 3.45 0.00
MENANDS___115KV_TB5 355628	25.66 0.82 0.00	23.38 0.83 0.00	22.64 0.83 0.00	21.77 0.82 0.00	22.37 0.84 0.00	22.47 0.86 0.00	25.33 0.83 0.00	28.00 0.92 0.00	30.13 1.02 0.00	30.57 1.09 0.00	31.72 1.16 0.00	33.12 1.18 0.00	32.50 1.04 0.00	32.78 1.08 0.00	33.75 1.05 0.00	34.64 0.98 0.00	37.22 1.21 0.58	41.38 1.35 -0.44	39.87 1.39 0.00	38.85 1.49 0.00	36.21 1.46 -0.08	33.44 1.26 0.00	28.79 0.97 0.00	25.38 0.91 0.00
MG INDUSTRY___DRP 24185	25.59 0.75 0.00	23.27 0.72 0.00	22.57 0.76 0.00	21.71 0.75 0.00	22.31 0.78 0.00	22.36 0.76 0.00	25.26 0.76 0.00	27.92 0.84 0.00	30.02 0.90 0.00	30.39 0.91 0.00	31.51 0.95 0.00	32.89 0.96 0.00	32.34 0.88 0.00	32.55 0.86 0.00	33.52 0.82 0.00	34.47 0.81 0.00	37.34 1.06 0.31	41.25 1.27 -0.39	39.80 1.31 0.00	38.74 1.38 0.00	36.09 1.35 -0.07	33.35 1.16 0.00	28.71 0.89 0.00	25.31 0.83 0.00

MID___OSWEGATCHIE_HYD 23849	23.88 -0.35 0.62	22.14 -0.41 0.00	21.44 -0.37 0.00	20.58 -0.38 0.00	21.28 -0.26 0.00	21.37 -0.24 0.00	24.38 -0.12 0.00	26.97 -0.11 0.00	28.91 -0.20 0.00	29.13 -0.35 0.00	29.89 -0.67 0.00	31.23 -0.70 0.00	30.71 -0.76 0.00	27.86 -1.01 2.83	24.56 -0.82 7.33	24.97 -0.88 7.82	26.20 -1.06 9.33	27.56 -1.11 10.93	27.26 -1.08 10.15	34.42 -1.01 1.93	33.91 -0.76 0.00	31.48 -0.71 0.00	27.38 -0.45 0.00	24.11 -0.37 0.00
MID___RAQUETTE_HYD 23851	22.74 -1.17 0.94	21.56 -0.99 0.00	20.92 -0.89 0.00	20.07 -0.88 0.00	20.65 -0.88 0.00	20.72 -0.89 0.00	23.59 -0.91 0.00	26.16 -0.92 0.00	28.04 -1.08 0.00	28.21 -1.27 0.00	28.88 -1.68 0.00	30.21 -1.72 0.00	29.67 -1.79 0.00	25.47 -1.97 4.26	19.73 -1.93 11.05	19.79 -2.09 11.79	20.21 -2.31 14.07	20.46 -2.65 16.48	20.41 -2.77 15.31	31.76 -2.69 2.91	32.38 -2.29 0.00	30.23 -1.96 0.00	26.43 -1.39 0.00	23.35 -1.13 0.00
MILLIKEN___1 23584	25.59 0.75 0.00	23.14 0.59 0.00	22.29 0.48 0.00	21.37 0.42 0.00	22.09 0.56 0.00	22.23 0.63 0.00	25.31 0.81 0.00	28.00 0.92 0.00	30.02 0.90 0.00	30.39 0.91 0.00	31.45 0.89 0.00	32.80 0.86 0.00	32.37 0.91 0.00	32.55 0.86 0.00	33.59 0.88 0.00	34.57 0.91 0.00	37.80 1.21 0.00	41.02 1.43 0.00	39.95 1.46 0.00	38.74 1.38 0.00	35.85 1.18 0.00	33.19 1.00 0.00	28.68 0.86 0.00	25.16 0.69 0.00
MILLIKEN___2 23585	25.59 0.75 0.00	23.14 0.59 0.00	22.29 0.48 0.00	21.37 0.42 0.00	22.09 0.56 0.00	22.23 0.63 0.00	25.31 0.81 0.00	28.00 0.92 0.00	30.02 0.90 0.00	30.39 0.91 0.00	31.45 0.89 0.00	32.80 0.86 0.00	32.37 0.91 0.00	32.55 0.86 0.00	33.59 0.88 0.00	34.57 0.91 0.00	37.80 1.21 0.00	41.02 1.43 0.00	39.95 1.46 0.00	38.74 1.38 0.00	35.85 1.18 0.00	33.19 1.00 0.00	28.68 0.86 0.00	25.16 0.69 0.00
MILLIKEN___DIESEL 23629	25.59 0.75 0.00	23.14 0.59 0.00	22.29 0.48 0.00	21.37 0.42 0.00	22.09 0.56 0.00	22.23 0.63 0.00	25.31 0.81 0.00	28.00 0.92 0.00	30.02 0.90 0.00	30.39 0.91 0.00	31.45 0.89 0.00	32.80 0.86 0.00	32.37 0.91 0.00	32.55 0.86 0.00	33.59 0.88 0.00	34.57 0.91 0.00	37.80 1.21 0.00	41.02 1.43 0.00	39.95 1.46 0.00	38.74 1.38 0.00	35.85 1.18 0.00	33.19 1.00 0.00	28.68 0.86 0.00	25.16 0.69 0.00
MILLSEAT___LFGE 323607	25.29 0.45 0.00	22.62 0.07 0.00	21.61 -0.20 0.00	20.64 -0.31 0.00	21.51 -0.02 0.00	21.76 0.15 0.00	24.77 0.27 0.00	27.38 0.30 0.00	29.35 0.23 0.00	29.60 0.12 0.00	31.08 0.52 0.00	32.09 0.16 0.00	31.90 0.44 0.00	32.08 0.38 0.00	33.00 0.29 0.00	33.77 0.10 0.00	37.03 0.44 0.00	40.51 0.91 0.00	39.53 1.04 0.00	38.03 0.67 0.00	34.91 0.24 0.00	32.25 0.06 0.00	28.04 0.22 0.00	24.50 0.02 0.00
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	26.41 1.57 0.00	23.93 1.38 0.00	23.08 1.27 0.00	22.15 1.19 0.00	22.76 1.23 0.00	22.90 1.30 0.00	26.07 1.57 0.00	29.00 1.92 0.00	31.27 2.15 0.00	31.63 2.15 0.00	38.66 2.29 -5.80	45.89 2.55 -11.40	52.22 2.55 -18.20	54.32 2.66 -19.96	56.36 2.75 -20.90	57.03 2.90 -20.47	62.52 3.33 -22.60	46.82 3.72 -3.50	55.75 3.46 -13.79	50.64 3.32 -9.96	38.41 3.09 -0.66	34.86 2.67 0.00	30.02 2.20 0.00	26.41 1.93 0.00
MILLWOOD_13_KV_LOAD 356217	26.51 1.66 0.00	23.99 1.44 0.00	23.14 1.33 0.00	22.21 1.26 0.00	22.83 1.29 0.00	22.97 1.36 0.00	26.14 1.64 0.00	29.08 2.00 0.00	31.38 2.27 0.00	31.75 2.27 0.00	38.78 2.41 -5.80	46.02 2.68 -11.40	52.34 2.67 -18.20	54.47 2.82 -19.96	56.52 2.91 -20.90	57.23 3.10 -20.47	62.74 3.55 -22.60	47.02 3.92 -3.50	55.98 3.69 -13.79	50.83 3.51 -9.96	38.55 3.22 -0.66	34.99 2.80 0.00	30.10 2.28 0.00	26.48 2.01 0.00
MODEL_CITY_ENERGY 24167	24.62 -0.22 0.00	22.05 -0.50 0.00	21.07 -0.74 0.00	20.11 -0.84 0.00	20.95 -0.58 0.00	21.22 -0.39 0.00	24.06 -0.44 0.00	26.48 -0.60 0.00	28.41 -0.70 0.00	28.71 -0.77 0.00	30.14 -0.43 0.00	31.10 -0.83 0.00	30.93 -0.54 0.00	31.13 -0.57 0.00	32.02 -0.69 0.00	32.76 -0.91 0.00	35.97 -0.62 0.00	39.36 -0.24 0.00	38.41 -0.08 0.00	36.98 -0.37 0.00	33.91 -0.76 0.00	31.32 -0.87 0.00	27.29 -0.53 0.00	23.94 -0.54 0.00
MODERN_LFGE___ 323580	24.62 -0.22 0.00	22.05 -0.50 0.00	21.07 -0.74 0.00	20.11 -0.84 0.00	20.95 -0.58 0.00	21.22 -0.39 0.00	24.06 -0.44 0.00	26.48 -0.60 0.00	28.41 -0.70 0.00	28.71 -0.77 0.00	30.14 -0.43 0.00	31.10 -0.83 0.00	30.93 -0.54 0.00	31.13 -0.57 0.00	32.02 -0.69 0.00	32.76 -0.91 0.00	35.97 -0.62 0.00	39.36 -0.24 0.00	38.41 -0.08 0.00	36.98 -0.37 0.00	33.91 -0.76 0.00	31.32 -0.87 0.00	27.29 -0.53 0.00	23.94 -0.54 0.00
MOHAWK_PAPER___DRP 24187	25.81 0.97 0.00	23.50 0.95 0.00	22.75 0.94 0.00	21.88 0.92 0.00	22.48 0.95 0.00	22.58 0.97 0.00	25.48 0.98 0.00	28.16 1.08 0.00	30.31 1.19 0.00	30.75 1.27 0.00	31.91 1.34 0.00	33.28 1.34 0.00	32.69 1.23 0.00	32.97 1.27 0.00	33.95 1.24 0.00	34.84 1.18 0.00	37.44 1.43 0.58	41.66 1.62 -0.44	40.14 1.66 0.00	39.11 1.76 0.00	36.45 1.70 -0.08	33.67 1.48 0.00	28.96 1.14 0.00	25.53 1.05 0.00
MOHICAN___35_KV_115KV_LD 80490	26.83 1.99 0.00	24.35 1.80 0.00	23.49 1.68 0.00	22.57 1.61 0.00	23.21 1.68 0.00	23.31 1.71 0.00	26.51 2.01 0.00	29.33 2.25 0.00	31.59 2.47 0.00	32.07 2.59 0.00	33.25 2.69 0.00	34.07 2.14 0.00	33.54 2.08 0.00	33.69 2.00 0.00	34.41 1.70 0.00	35.28 1.62 0.00	38.06 1.94 0.47	42.17 2.18 -0.40	41.18 2.69 0.00	40.05 2.69 0.00	37.38 2.63 -0.08	34.51 2.32 0.00	30.16 2.34 0.00	26.53 2.06 0.00
MONGAUP___HYD 23641	26.31 1.47 0.00	23.77 1.22 0.00	22.92 1.11 0.00	22.00 1.05 0.00	22.63 1.10 0.00	22.71 1.10 0.00	25.87 1.37 0.00	28.65 1.57 0.00	30.80 1.69 0.00	31.13 1.65 0.00	31.32 1.77 1.01	31.80 1.85 1.99	29.83 1.54 3.18	29.64 1.43 3.48	30.69 1.63 3.65	31.88 1.78 3.57	34.97 2.12 3.75	39.93 2.18 1.84	38.16 2.08 2.41	37.67 2.05 1.74	36.61 2.29 0.34	34.12 1.93 0.00	29.52 1.70 0.00	26.12 1.64 0.00
MONTAUK___DIESEL 23721	31.88 3.88 -3.16	27.47 3.43 -1.49	26.77 3.25 -1.71	24.01 3.04 -0.02	24.70 3.17 0.00	24.95 3.22 -0.13	28.38 3.75 -0.13	31.44 4.36 0.00	33.71 4.60 0.00	34.26 4.78 0.00	36.47 4.83 -1.08	39.64 5.59 -2.12	40.54 5.69 -3.38	46.89 5.96 -9.23	47.12 6.38 -8.04	78.81 6.63 -38.52	152.98 7.35 -109.04	194.13 8.16 -146.38	212.05 7.12 -166.44	205.76 7.40 -161.01	81.49 6.73 -40.10	62.89 6.08 -24.62	32.97 5.01 -0.15	31.32 4.45 -2.39
MOONROAD_115KV_HARTFLD_TB1-2 355988	25.29 0.45 0.00	22.73 0.18 0.00	21.81 0.00 0.00	20.89 -0.06 0.00	21.75 0.22 0.00	22.10 0.50 0.00	25.23 0.73 0.00	27.78 0.70 0.00	29.81 0.70 0.00	30.07 0.59 0.00	31.54 0.98 0.00	32.38 0.45 0.00	32.15 0.69 0.00	32.33 0.63 0.00	33.10 0.39 0.00	33.63 -0.03 0.00	37.10 0.51 0.00	40.23 0.63 0.00	39.37 0.89 0.00	38.14 0.78 0.00	35.12 0.45 0.00	32.58 0.39 0.00	28.35 0.53 0.00	24.99 0.51 0.00

MORTIMER_115KV_TB3 55949	25.04 0.20 0.00	22.55 0.00 0.00	21.62 -0.20 0.00	20.66 -0.29 0.00	21.45 -0.09 0.00	21.65 0.04 0.00	24.62 0.12 0.00	27.27 0.19 0.00	29.26 0.15 0.00	29.60 0.12 0.00	30.87 0.31 0.00	32.09 0.16 0.00	31.81 0.35 0.00	31.92 0.22 0.00	33.00 0.29 0.00	33.83 0.17 0.00	37.10 0.51 0.00	40.31 0.71 0.00	39.30 0.81 0.00	37.84 0.49 0.00	34.81 0.14 0.00	32.22 0.03 0.00	27.88 0.06 0.00	24.52 0.05 0.00
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	26.66 1.81 0.00	24.13 1.58 0.00	23.25 1.44 0.00	22.29 1.34 0.00	22.93 1.40 0.00	23.07 1.47 0.00	26.29 1.79 0.00	29.30 2.22 0.00	31.65 2.53 0.00	32.01 2.54 0.00	34.31 2.66 -1.09	37.04 2.97 -2.13	37.83 2.96 -3.41	38.51 3.07 -3.73	39.76 3.14 -3.91	40.79 3.30 -3.83	44.76 3.77 -4.40	48.64 4.24 -4.81	45.00 3.93 -2.58	42.99 3.77 -1.86	39.14 3.57 -0.90	35.31 3.12 0.00	30.38 2.56 0.00	26.73 2.25 0.00
MUNSVILLE_WIND_PWR 323609	26.86 2.01 0.00	24.20 1.65 0.00	23.34 1.53 0.00	22.38 1.43 0.00	23.22 1.68 0.00	23.35 1.75 0.00	26.83 2.33 0.00	29.84 2.76 0.00	31.88 2.77 0.00	32.31 2.83 0.00	33.32 2.75 0.00	34.71 2.78 0.00	34.17 2.71 0.00	34.23 2.54 0.00	35.26 2.55 0.00	36.49 2.83 0.00	39.81 3.22 0.00	43.11 3.72 0.21	42.34 3.85 0.00	41.17 3.81 0.00	38.24 3.61 0.04	35.21 3.02 0.00	30.41 2.59 0.00	26.60 2.13 0.00
N SALMON___HYD 24042	22.97 -0.77 1.10	22.05 -0.50 0.00	21.42 -0.39 0.00	20.60 -0.36 0.00	21.17 -0.37 0.00	21.30 -0.30 0.00	24.03 -0.47 0.00	26.62 -0.46 0.00	28.56 -0.55 0.00	28.80 -0.68 0.00	29.71 -0.86 0.00	31.01 -0.93 0.00	30.39 -1.07 0.00	25.54 -1.14 5.02	18.56 -1.15 13.00	18.61 -1.18 13.88	18.78 -1.24 16.57	18.73 -1.46 19.40	19.00 -1.46 18.02	32.66 -1.27 3.43	33.77 -0.90 0.00	31.42 -0.77 0.00	27.15 -0.67 0.00	23.91 -0.56 0.00
N.AKRON__115KV_KNAPP 355671	25.24 0.40 0.00	22.64 0.09 0.00	21.64 -0.17 0.00	20.64 -0.31 0.00	21.51 -0.02 0.00	21.78 0.17 0.00	24.77 0.27 0.00	27.38 0.30 0.00	29.35 0.23 0.00	29.63 0.15 0.00	30.99 0.43 0.00	32.06 0.13 0.00	31.90 0.44 0.00	31.98 0.29 0.00	33.06 0.36 0.00	33.77 0.10 0.00	37.25 0.66 0.00	40.58 0.99 0.00	39.64 1.15 0.00	38.14 0.78 0.00	34.91 0.24 0.00	32.32 0.13 0.00	28.04 0.22 0.00	24.77 0.29 0.00
N.BELMOR_69_KV_BK1 55787	30.37 2.36 -3.16	26.14 2.10 -1.49	25.47 1.94 -1.71	22.81 1.84 -0.02	23.45 1.92 0.00	23.70 1.97 -0.13	26.96 2.33 -0.13	29.92 2.84 0.00	31.97 2.85 0.00	32.37 2.89 0.00	34.51 2.87 -1.08	37.47 3.42 -2.12	38.30 3.46 -3.38	42.21 3.58 -6.93	41.73 3.73 -5.29	41.38 3.91 -3.82	45.35 4.39 -4.36	49.23 4.87 -4.77	45.67 4.62 -2.56	43.61 4.41 -1.85	39.95 4.13 -1.15	38.31 3.64 -2.48	30.96 3.14 0.00	29.62 2.77 -2.38
N.E_GEN_SANDY PD 24062	26.11 1.27 0.00	23.70 1.15 0.00	22.90 1.09 0.00	22.00 1.05 0.00	22.49 1.08 0.12	22.87 1.14 -0.12	25.72 1.22 0.00	28.49 1.41 0.00	30.71 1.60 0.00	31.10 1.62 0.00	32.69 1.74 -0.38	34.47 1.79 -0.75	34.26 1.60 -1.19	34.69 1.68 -1.31	35.81 1.73 -1.37	36.69 1.68 -1.34	37.71 1.87 0.75	42.62 2.26 -0.77	41.55 2.15 -0.90	40.29 2.28 -0.65	37.00 2.19 -0.15	34.06 1.87 0.00	29.35 1.53 0.00	25.87 1.39 0.00
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	26.33 1.49 0.00	23.86 1.31 0.00	22.99 1.18 0.00	22.06 1.11 0.00	22.68 1.14 0.00	22.81 1.21 0.00	25.99 1.49 0.00	28.89 1.81 0.00	31.15 2.04 0.00	31.51 2.03 0.00	31.24 2.17 1.49	31.43 2.43 2.93	29.23 2.45 4.69	29.13 2.57 5.14	29.97 2.65 5.38	31.22 2.83 5.27	34.27 3.26 5.58	47.52 3.64 -4.28	38.33 3.39 3.55	38.01 3.21 2.56	38.49 3.02 -0.80	34.76 2.58 0.00	29.94 2.11 0.00	26.34 1.86 0.00
N.QUEENS_27_KV_LOAD 356247	26.91 2.06 -0.01	24.36 1.80 -0.01	23.50 1.68 -0.01	22.40 1.45 0.00	23.02 1.49 0.00	23.16 1.56 0.00	26.36 1.86 0.00	29.35 2.27 0.00	31.70 2.59 0.00	32.07 2.59 0.00	34.40 2.75 -1.09	37.13 3.07 -2.13	37.92 3.05 -3.41	38.74 3.30 -3.74	39.79 3.17 -3.91	40.83 3.33 -3.83	44.83 3.84 -4.40	48.73 4.32 -4.82	45.04 3.96 -2.58	42.99 3.77 -1.86	39.32 3.74 -0.91	35.54 3.35 -0.01	30.60 2.78 0.00	26.93 2.45 -0.01
N.TROY___115KV_TB1 355778	25.99 1.14 0.00	23.66 1.10 0.00	22.86 1.05 0.00	21.96 1.01 0.00	22.59 1.06 0.00	22.68 1.08 0.00	25.65 1.15 0.00	28.32 1.25 0.00	30.51 1.40 0.00	30.95 1.47 0.00	32.12 1.56 0.00	33.44 1.50 0.00	32.82 1.35 0.00	33.09 1.39 0.00	34.05 1.34 0.00	34.94 1.28 0.00	37.51 1.54 0.62	41.74 1.70 -0.44	40.26 1.77 0.00	39.22 1.87 0.00	36.59 1.84 -0.08	33.80 1.61 0.00	29.16 1.34 0.00	25.70 1.22 0.00
NARROWS_GT1_1 24228	26.96 2.11 -0.01	24.34 1.78 -0.01	23.46 1.64 -0.01	22.42 1.47 0.00	23.04 1.51 0.00	23.14 1.53 0.00	26.41 1.91 0.00	29.43 2.35 0.00	31.82 2.71 0.00	32.19 2.71 0.00	34.61 2.96 -1.09	37.29 3.22 -2.13	38.11 3.24 -3.41	38.77 3.33 -3.74	39.96 3.34 -3.91	41.06 3.57 -3.83	44.91 3.92 -4.40	49.00 4.59 -4.82	45.30 4.23 -2.58	43.26 4.04 -1.86	40.33 3.99 -1.67	35.71 3.41 -0.11	30.68 2.84 -0.02	26.98 2.50 -0.01
NARROWS_GT1_2 24229	26.96 2.11 -0.01	24.34 1.78 -0.01	23.46 1.64 -0.01	22.42 1.47 0.00	23.04 1.51 0.00	23.14 1.53 0.00	26.41 1.91 0.00	29.43 2.35 0.00	31.82 2.71 0.00	32.19 2.71 0.00	34.61 2.96 -1.09	37.29 3.22 -2.13	38.11 3.24 -3.41	38.77 3.33 -3.74	39.96 3.34 -3.91	41.06 3.57 -3.83	44.91 3.92 -4.40	49.00 4.59 -4.82	45.30 4.23 -2.58	43.26 4.04 -1.86	40.33 3.99 -1.67	35.71 3.41 -0.11	30.68 2.84 -0.02	26.98 2.50 -0.01
NARROWS_GT1_3 24230	26.96 2.11 -0.01	24.34 1.78 -0.01	23.46 1.64 -0.01	22.42 1.47 0.00	23.04 1.51 0.00	23.14 1.53 0.00	26.41 1.91 0.00	29.43 2.35 0.00	31.82 2.71 0.00	32.19 2.71 0.00	34.61 2.96 -1.09	37.29 3.22 -2.13	38.11 3.24 -3.41	38.77 3.33 -3.74	39.96 3.34 -3.91	41.06 3.57 -3.83	44.91 3.92 -4.40	49.00 4.59 -4.82	45.30 4.23 -2.58	43.26 4.04 -1.86	40.33 3.99 -1.67	35.71 3.41 -0.11	30.68 2.84 -0.02	26.98 2.50 -0.01
NARROWS_GT1_4 24231	26.96 2.11 -0.01	24.34 1.78 -0.01	23.46 1.64 -0.01	22.42 1.47 0.00	23.04 1.51 0.00	23.14 1.53 0.00	26.41 1.91 0.00	29.43 2.35 0.00	31.82 2.71 0.00	32.19 2.71 0.00	34.61 2.96 -1.09	37.29 3.22 -2.13	38.11 3.24 -3.41	38.77 3.33 -3.74	39.96 3.34 -3.91	41.06 3.57 -3.83	44.91 3.92 -4.40	49.00 4.59 -4.82	45.30 4.23 -2.58	43.26 4.04 -1.86	40.33 3.99 -1.67	35.71 3.41 -0.11	30.68 2.84 -0.02	26.98 2.50 -0.01
NARROWS_GT1_5 24232	26.96 2.11 -0.01	24.34 1.78 -0.01	23.46 1.64 -0.01	22.42 1.47 0.00	23.04 1.51 0.00	23.14 1.53 0.00	26.41 1.91 0.00	29.43 2.35 0.00	31.82 2.71 0.00	32.19 2.71 0.00	34.61 2.96 -1.09	37.29 3.22 -2.13	38.11 3.24 -3.41	38.77 3.33 -3.74	39.96 3.34 -3.91	41.06 3.57 -3.83	44.91 3.92 -4.40	49.00 4.59 -4.82	45.30 4.23 -2.58	43.26 4.04 -1.86	40.33 3.99 -1.67	35.71 3.41 -0.11	30.68 2.84 -0.02	26.98 2.50 -0.01

NARROWS_GT1_6 24233	26.96 2.11 -0.01	24.34 1.78 -0.01	23.46 1.64 -0.01	22.42 1.47 0.00	23.04 1.51 0.00	23.14 1.53 0.00	26.41 1.91 0.00	29.43 2.35 0.00	31.82 2.71 0.00	32.19 2.71 0.00	34.61 2.96 -1.09	37.29 3.22 -2.13	38.11 3.24 -3.41	38.77 3.33 -3.74	39.96 3.34 -3.91	41.06 3.57 -3.83	44.91 3.92 -4.40	49.00 4.59 -4.82	45.30 4.23 -2.58	43.26 4.04 -1.86	40.33 3.99 -1.67	35.71 3.41 -0.11	30.68 2.84 -0.02	26.98 2.50 -0.01
NARROWS_GT1_7 24234	26.96 2.11 -0.01	24.34 1.78 -0.01	23.46 1.64 -0.01	22.42 1.47 0.00	23.04 1.51 0.00	23.14 1.53 0.00	26.41 1.91 0.00	29.43 2.35 0.00	31.82 2.71 0.00	32.19 2.71 0.00	34.61 2.96 -1.09	37.29 3.22 -2.13	38.11 3.24 -3.41	38.77 3.33 -3.74	39.96 3.34 -3.91	41.06 3.57 -3.83	44.91 3.92 -4.40	49.00 4.59 -4.82	45.30 4.23 -2.58	43.26 4.04 -1.86	40.33 3.99 -1.67	35.71 3.41 -0.11	30.68 2.84 -0.02	26.98 2.50 -0.01
NARROWS_GT1_8 24235	26.96 2.11 -0.01	24.34 1.78 -0.01	23.46 1.64 -0.01	22.42 1.47 0.00	23.04 1.51 0.00	23.14 1.53 0.00	26.41 1.91 0.00	29.43 2.35 0.00	31.82 2.71 0.00	32.19 2.71 0.00	34.61 2.96 -1.09	37.29 3.22 -2.13	38.11 3.24 -3.41	38.77 3.33 -3.74	39.96 3.34 -3.91	41.06 3.57 -3.83	44.91 3.92 -4.40	49.00 4.59 -4.82	45.30 4.23 -2.58	43.26 4.04 -1.86	40.33 3.99 -1.67	35.71 3.41 -0.11	30.68 2.84 -0.02	26.98 2.50 -0.01
NARROWS_GT2_1 24236	26.96 2.11 -0.01	24.34 1.78 -0.01	23.46 1.64 -0.01	22.42 1.47 0.00	23.04 1.51 0.00	23.14 1.53 0.00	26.41 1.91 0.00	29.43 2.35 0.00	31.82 2.71 0.00	32.19 2.71 0.00	34.61 2.96 -1.09	37.29 3.22 -2.13	38.11 3.24 -3.41	38.77 3.33 -3.74	39.96 3.34 -3.91	41.06 3.57 -3.83	44.91 3.92 -4.40	49.00 4.59 -4.82	45.30 4.23 -2.58	43.26 4.04 -1.86	40.33 3.99 -1.67	35.71 3.41 -0.11	30.68 2.84 -0.02	26.98 2.50 -0.01
NARROWS_GT2_2 24237	26.96 2.11 -0.01	24.34 1.78 -0.01	23.46 1.64 -0.01	22.42 1.47 0.00	23.04 1.51 0.00	23.14 1.53 0.00	26.41 1.91 0.00	29.43 2.35 0.00	31.82 2.71 0.00	32.19 2.71 0.00	34.61 2.96 -1.09	37.29 3.22 -2.13	38.11 3.24 -3.41	38.77 3.33 -3.74	39.96 3.34 -3.91	41.06 3.57 -3.83	44.91 3.92 -4.40	49.00 4.59 -4.82	45.30 4.23 -2.58	43.26 4.04 -1.86	40.33 3.99 -1.67	35.71 3.41 -0.11	30.68 2.84 -0.02	26.98 2.50 -0.01
NARROWS_GT2_3 24238	26.96 2.11 -0.01	24.34 1.78 -0.01	23.46 1.64 -0.01	22.42 1.47 0.00	23.04 1.51 0.00	23.14 1.53 0.00	26.41 1.91 0.00	29.43 2.35 0.00	31.82 2.71 0.00	32.19 2.71 0.00	34.61 2.96 -1.09	37.29 3.22 -2.13	38.11 3.24 -3.41	38.77 3.33 -3.74	39.96 3.34 -3.91	41.06 3.57 -3.83	44.91 3.92 -4.40	49.00 4.59 -4.82	45.30 4.23 -2.58	43.26 4.04 -1.86	40.33 3.99 -1.67	35.71 3.41 -0.11	30.68 2.84 -0.02	26.98 2.50 -0.01
NARROWS_GT2_4 24239	26.96 2.11 -0.01	24.34 1.78 -0.01	23.46 1.64 -0.01	22.42 1.47 0.00	23.04 1.51 0.00	23.14 1.53 0.00	26.41 1.91 0.00	29.43 2.35 0.00	31.82 2.71 0.00	32.19 2.71 0.00	34.61 2.96 -1.09	37.29 3.22 -2.13	38.11 3.24 -3.41	38.77 3.33 -3.74	39.96 3.34 -3.91	41.06 3.57 -3.83	44.91 3.92 -4.40	49.00 4.59 -4.82	45.30 4.23 -2.58	43.26 4.04 -1.86	40.33 3.99 -1.67	35.71 3.41 -0.11	30.68 2.84 -0.02	26.98 2.50 -0.01
NARROWS_GT2_5 24240	26.96 2.11 -0.01	24.34 1.78 -0.01	23.46 1.64 -0.01	22.42 1.47 0.00	23.04 1.51 0.00	23.14 1.53 0.00	26.41 1.91 0.00	29.43 2.35 0.00	31.82 2.71 0.00	32.19 2.71 0.00	34.61 2.96 -1.09	37.29 3.22 -2.13	38.11 3.24 -3.41	38.77 3.33 -3.74	39.96 3.34 -3.91	41.06 3.57 -3.83	44.91 3.92 -4.40	49.00 4.59 -4.82	45.30 4.23 -2.58	43.26 4.04 -1.86	40.33 3.99 -1.67	35.71 3.41 -0.11	30.68 2.84 -0.02	26.98 2.50 -0.01
NARROWS_GT2_6 24241	26.96 2.11 -0.01	24.34 1.78 -0.01	23.46 1.64 -0.01	22.42 1.47 0.00	23.04 1.51 0.00	23.14 1.53 0.00	26.41 1.91 0.00	29.43 2.35 0.00	31.82 2.71 0.00	32.19 2.71 0.00	34.61 2.96 -1.09	37.29 3.22 -2.13	38.11 3.24 -3.41	38.77 3.33 -3.74	39.96 3.34 -3.91	41.06 3.57 -3.83	44.91 3.92 -4.40	49.00 4.59 -4.82	45.30 4.23 -2.58	43.26 4.04 -1.86	40.33 3.99 -1.67	35.71 3.41 -0.11	30.68 2.84 -0.02	26.98 2.50 -0.01
NARROWS_GT2_7 24242	26.96 2.11 -0.01	24.34 1.78 -0.01	23.46 1.64 -0.01	22.42 1.47 0.00	23.04 1.51 0.00	23.14 1.53 0.00	26.41 1.91 0.00	29.43 2.35 0.00	31.82 2.71 0.00	32.19 2.71 0.00	34.61 2.96 -1.09	37.29 3.22 -2.13	38.11 3.24 -3.41	38.77 3.33 -3.74	39.96 3.34 -3.91	41.06 3.57 -3.83	44.91 3.92 -4.40	49.00 4.59 -4.82	45.30 4.23 -2.58	43.26 4.04 -1.86	40.33 3.99 -1.67	35.71 3.41 -0.11	30.68 2.84 -0.02	26.98 2.50 -0.01
NARROWS_GT2_8 24243	26.96 2.11 -0.01	24.34 1.78 -0.01	23.46 1.64 -0.01	22.42 1.47 0.00	23.04 1.51 0.00	23.14 1.53 0.00	26.41 1.91 0.00	29.43 2.35 0.00	31.82 2.71 0.00	32.19 2.71 0.00	34.61 2.96 -1.09	37.29 3.22 -2.13	38.11 3.24 -3.41	38.77 3.33 -3.74	39.96 3.34 -3.91	41.06 3.57 -3.83	44.91 3.92 -4.40	49.00 4.59 -4.82	45.30 4.23 -2.58	43.26 4.04 -1.86	40.33 3.99 -1.67	35.71 3.41 -0.11	30.68 2.84 -0.02	26.98 2.50 -0.01
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	26.04 1.19 0.00	23.66 1.10 0.00	22.95 1.13 0.00	22.04 1.09 0.00	22.68 1.14 0.00	22.75 1.15 0.00	25.70 1.20 0.00	28.30 1.22 0.00	30.39 1.28 0.00	30.81 1.33 0.00	31.94 1.38 0.00	33.21 1.28 0.00	32.66 1.20 0.00	32.87 1.17 0.00	33.88 1.18 0.00	34.81 1.14 0.00	38.01 1.68 0.26	41.93 2.02 -0.32	40.53 2.04 0.00	39.52 2.17 0.00	36.95 2.22 -0.06	33.96 1.77 0.00	29.13 1.31 0.00	25.65 1.17 0.00
NCHELSEA_115KV_TR2 355582	26.56 1.71 0.00	24.04 1.49 0.00	23.19 1.37 0.00	22.25 1.30 0.00	22.87 1.34 0.00	22.99 1.38 0.00	26.14 1.64 0.00	29.03 1.95 0.00	31.30 2.18 0.00	31.69 2.21 0.00	32.92 2.35 0.00	34.46 2.52 0.00	34.01 2.55 0.00	34.36 2.66 0.00	35.48 2.78 0.00	36.59 2.93 0.00	40.18 3.40 -0.18	43.68 3.80 -0.28	42.07 3.58 0.00	40.83 3.47 0.00	37.95 3.22 -0.05	34.96 2.77 0.00	30.07 2.25 0.00	26.46 1.98 0.00
NEG CAPITAL___MECHNVIL 23645	26.46 1.61 0.00	23.97 1.42 0.00	23.16 1.35 0.00	22.25 1.30 0.00	22.89 1.36 0.00	22.97 1.36 0.00	26.07 1.57 0.00	28.84 1.76 0.00	31.06 1.95 0.00	31.51 2.03 0.00	32.49 1.93 0.00	33.95 2.01 0.00	33.38 1.92 0.00	33.60 1.90 0.00	34.54 1.83 0.00	35.51 1.85 0.00	38.11 2.05 0.53	42.42 2.42 -0.41	41.11 2.62 0.00	39.97 2.61 0.00	37.21 2.46 -0.08	34.35 2.16 0.00	29.69 1.86 0.00	26.12 1.64 0.00
NEG CENTRAL_HIGH_ACRES 23767	24.62 -0.22 0.00	22.12 -0.43 0.00	21.24 -0.57 0.00	20.33 -0.63 0.00	21.08 -0.45 0.00	21.26 -0.35 0.00	24.21 -0.29 0.00	26.81 -0.27 0.00	28.79 -0.32 0.00	29.16 -0.32 0.00	30.38 -0.18 0.00	31.58 -0.35 0.00	31.27 -0.19 0.00	31.44 -0.25 0.00	32.38 -0.33 0.00	33.23 -0.44 0.00	36.22 -0.37 0.00	39.48 -0.12 0.00	38.41 -0.08 0.00	37.06 -0.30 0.00	34.15 -0.52 0.00	31.58 -0.61 0.00	27.37 -0.45 0.00	23.89 -0.59 0.00

NEG CENTRAL___DRP 24199	25.24 0.40 0.00	22.78 0.23 0.00	21.92 0.11 0.00	21.00 0.04 0.00	21.75 0.22 0.00	21.93 0.32 0.00	24.99 0.49 0.00	27.62 0.54 0.00	29.64 0.52 0.00	30.04 0.56 0.00	31.14 0.58 0.00	32.45 0.51 0.00	32.06 0.60 0.00	32.24 0.54 0.00	33.26 0.56 0.00	34.14 0.47 0.00	37.36 0.77 0.00	40.50 0.91 0.00	39.41 0.92 0.00	38.14 0.78 0.00	35.22 0.55 0.00	32.67 0.48 0.00	28.24 0.42 0.00	24.77 0.29 0.00
NEG CENTRAL___INDECK 23768	25.94 1.09 0.00	23.23 0.68 0.00	22.27 0.46 0.00	21.27 0.31 0.00	22.16 0.62 0.00	22.40 0.80 0.00	25.55 1.05 0.00	28.19 1.11 0.00	29.93 0.81 0.00	30.16 0.68 0.00	31.45 0.89 0.00	32.48 0.54 0.00	32.25 0.79 0.00	32.33 0.63 0.00	32.18 -0.52 0.00	33.33 -0.34 0.00	36.48 -0.11 0.00	39.87 0.28 0.00	38.91 0.42 0.00	37.73 0.37 0.00	34.91 0.24 0.00	32.25 0.06 0.00	28.93 1.11 0.00	25.19 0.71 0.00
NEG CENTRAL___SENECA 23627	25.37 0.52 0.00	22.84 0.29 0.00	21.94 0.13 0.00	21.04 0.08 0.00	21.81 0.28 0.00	22.01 0.41 0.00	25.14 0.64 0.00	27.81 0.73 0.00	29.84 0.73 0.00	30.19 0.71 0.00	31.33 0.76 0.00	32.64 0.70 0.00	32.28 0.82 0.00	32.43 0.73 0.00	33.49 0.78 0.00	34.34 0.67 0.00	37.62 1.02 0.00	40.82 1.23 0.00	39.76 1.27 0.00	38.40 1.05 0.00	35.43 0.76 0.00	32.87 0.68 0.00	28.43 0.61 0.00	24.92 0.44 0.00
NEG CENTRAL___STATE_STREET 24147	25.22 0.37 0.00	22.78 0.23 0.00	21.96 0.15 0.00	21.10 0.15 0.00	21.79 0.26 0.00	21.93 0.32 0.00	24.97 0.47 0.00	27.59 0.51 0.00	29.64 0.52 0.00	30.10 0.62 0.00	31.17 0.61 0.00	32.51 0.57 0.00	32.12 0.66 0.00	32.27 0.57 0.00	33.29 0.59 0.00	34.24 0.57 0.00	37.40 0.80 0.00	40.47 0.87 0.00	39.37 0.89 0.00	38.14 0.78 0.00	35.29 0.62 0.00	32.67 0.48 0.00	28.24 0.42 0.00	24.72 0.24 0.00
NEG MILLWOOD___DRP 24198	26.68 1.84 0.00	24.15 1.60 0.00	23.27 1.46 0.00	22.34 1.38 0.00	22.96 1.42 0.00	23.09 1.49 0.00	26.26 1.76 0.00	29.22 2.14 0.00	31.53 2.42 0.00	31.93 2.45 0.00	33.57 2.63 -0.38	35.49 2.81 -0.75	35.52 2.86 -1.19	35.99 2.98 -1.31	37.21 3.14 -1.37	38.34 3.33 -1.34	42.10 3.84 -1.66	44.89 4.24 -1.06	43.40 4.00 -0.90	41.86 3.85 -0.65	38.33 3.47 -0.20	35.15 2.96 0.00	30.24 2.42 0.00	26.58 2.10 0.00
NEG NORTH_FLCN_SEA 23793	22.67 -0.99 1.18	21.78 -0.77 0.00	21.22 -0.59 0.00	20.39 -0.57 0.00	21.02 -0.52 0.00	21.13 -0.48 0.00	24.11 -0.39 0.00	26.67 -0.41 0.00	28.56 -0.55 0.00	28.83 -0.65 0.00	29.80 -0.76 0.00	31.07 -0.86 0.00	30.36 -1.10 0.00	25.17 -1.17 5.35	17.62 -1.21 13.87	17.64 -1.21 14.81	17.60 -1.32 17.68	17.59 -1.31 20.70	18.02 -1.23 19.23	33.21 -0.49 3.66	34.46 -0.21 0.00	32.00 -0.19 0.00	27.63 -0.19 0.00	24.21 -0.27 0.00
NEG NORTH_KES_CHATEGAY 23792	22.69 -0.99 1.16	21.78 -0.77 0.00	21.18 -0.63 0.00	20.37 -0.59 0.00	20.93 -0.60 0.00	21.02 -0.58 0.00	23.94 -0.56 0.00	26.48 -0.60 0.00	28.39 -0.73 0.00	28.65 -0.83 0.00	29.62 -0.95 0.00	30.91 -1.02 0.00	30.27 -1.20 0.00	25.16 -1.27 5.27	17.77 -1.28 13.66	17.80 -1.28 14.58	17.72 -1.46 17.41	17.63 -1.58 20.38	18.09 -1.46 18.94	32.60 -1.16 3.60	33.80 -0.87 0.00	31.42 -0.77 0.00	27.13 -0.70 0.00	23.79 -0.69 0.00
NEG NORTH___ALICE_FALLS 23915	22.73 -0.94 1.17	21.83 -0.72 0.00	21.27 -0.55 0.00	20.43 -0.52 0.00	21.04 -0.50 0.00	21.17 -0.43 0.00	24.16 -0.34 0.00	26.73 -0.35 0.00	28.62 -0.49 0.00	28.92 -0.56 0.00	29.86 -0.70 0.00	31.17 -0.77 0.00	30.46 -1.01 0.00	25.28 -1.08 5.34	17.75 -1.11 13.84	17.78 -1.11 14.77	17.75 -1.21 17.64	17.76 -1.19 20.65	18.19 -1.12 19.19	33.15 -0.56 3.65	34.43 -0.24 0.00	31.93 -0.26 0.00	27.57 -0.25 0.00	24.13 -0.34 0.00
NEG NORTH___LWR_SARANAC 23913	22.73 -0.94 1.17	21.83 -0.72 0.00	21.27 -0.55 0.00	20.43 -0.52 0.00	21.04 -0.50 0.00	21.17 -0.43 0.00	24.16 -0.34 0.00	26.73 -0.35 0.00	28.62 -0.49 0.00	28.92 -0.56 0.00	29.86 -0.70 0.00	31.17 -0.77 0.00	30.46 -1.01 0.00	25.28 -1.08 5.34	17.75 -1.11 13.84	17.78 -1.11 14.77	17.75 -1.21 17.64	17.76 -1.19 20.65	18.19 -1.12 19.19	33.15 -0.56 3.65	34.43 -0.24 0.00	31.93 -0.26 0.00	27.57 -0.25 0.00	24.13 -0.34 0.00
NEG NORTH___PLATTSBURG 23628	23.17 -0.50 1.17	22.30 -0.25 0.00	21.70 -0.11 0.00	20.85 -0.10 0.00	21.49 -0.04 0.00	21.63 0.02 0.00	24.16 -0.34 0.00	26.73 -0.35 0.00	28.62 -0.50 0.00	28.92 -0.56 0.00	29.86 -0.70 0.00	31.17 -0.77 0.00	30.45 -1.01 0.00	25.28 -1.08 5.34	17.75 -1.11 13.84	17.78 -1.11 14.77	17.89 -1.06 17.64	17.76 -1.19 20.65	18.19 -1.12 19.19	33.15 -0.56 3.65	34.43 -0.24 0.00	32.00 -0.19 0.00	27.57 -0.25 0.00	24.21 -0.27 0.00
NEG WEST_LEA_LOCKPORT 23791	24.79 -0.05 0.00	22.28 -0.27 0.00	21.29 -0.52 0.00	20.32 -0.63 0.00	21.17 -0.37 0.00	21.43 -0.17 0.00	24.30 -0.20 0.00	26.78 -0.30 0.00	28.73 -0.38 0.00	29.04 -0.44 0.00	30.35 -0.21 0.00	31.39 -0.54 0.00	31.27 -0.19 0.00	31.38 -0.32 0.00	32.44 -0.26 0.00	33.09 -0.57 0.00	36.59 0.00 0.00	39.83 0.24 0.00	38.91 0.42 0.00	37.43 0.07 0.00	34.25 -0.42 0.00	31.71 -0.48 0.00	27.60 -0.22 0.00	24.43 -0.05 0.00
NEG WEST___LANCASTR 23811	25.24 0.40 0.00	22.69 0.14 0.00	21.68 -0.13 0.00	20.70 -0.25 0.00	21.56 0.02 0.00	21.86 0.26 0.00	24.92 0.42 0.00	27.32 0.24 0.00	29.35 0.23 0.00	29.57 0.09 0.00	30.93 0.37 0.00	32.06 0.13 0.00	31.93 0.47 0.00	32.14 0.44 0.00	33.20 0.49 0.00	33.97 0.30 0.00	37.54 0.95 0.00	40.78 1.19 0.00	39.72 1.23 0.00	38.22 0.86 0.00	35.02 0.35 0.00	32.41 0.23 0.00	28.13 0.31 0.00	24.99 0.51 0.00
NEG_PENN_ALLEGHNY 23528	25.47 0.62 0.00	22.96 0.41 0.00	22.14 0.33 0.00	21.25 0.29 0.00	21.94 0.41 0.00	22.06 0.45 0.00	25.11 0.61 0.00	27.78 0.70 0.00	29.84 0.73 0.00	30.22 0.74 0.00	31.39 0.83 0.00	32.70 0.77 0.00	32.31 0.85 0.00	32.52 0.82 0.00	33.55 0.85 0.00	34.54 0.87 0.00	37.61 1.02 0.00	40.75 1.30 0.14	39.76 1.27 0.00	38.52 1.16 0.00	35.61 0.97 0.03	32.96 0.77 0.00	28.54 0.72 0.00	25.01 0.54 0.00
NEG___GEN_MONROE 24207	25.34 0.50 0.00	22.82 0.27 0.00	21.86 0.04 0.00	20.87 -0.08 0.00	21.66 0.13 0.00	21.86 0.26 0.00	24.87 0.37 0.00	27.51 0.43 0.00	29.46 0.35 0.00	29.77 0.29 0.00	31.08 0.52 0.00	32.29 0.35 0.00	31.97 0.50 0.00	32.08 0.38 0.00	33.16 0.46 0.00	33.93 0.27 0.00	37.21 0.62 0.00	40.47 0.87 0.00	39.53 1.04 0.00	38.03 0.67 0.00	34.98 0.31 0.00	32.41 0.23 0.00	28.04 0.22 0.00	24.75 0.27 0.00
NEPA___ENERGY 23901	25.19 0.35 0.00	22.66 0.11 0.00	21.66 -0.15 0.00	20.70 -0.25 0.00	21.53 0.00 0.00	21.86 0.26 0.00	24.94 0.44 0.00	27.46 0.38 0.00	29.49 0.38 0.00	29.72 0.24 0.00	31.05 0.49 0.00	32.19 0.26 0.00	32.03 0.57 0.00	32.24 0.54 0.00	33.23 0.52 0.00	34.03 0.37 0.00	37.58 0.99 0.00	40.86 1.27 0.00	39.84 1.35 0.00	38.37 1.01 0.00	35.15 0.49 0.00	32.58 0.39 0.00	28.27 0.45 0.00	24.97 0.49 0.00

NEVERSINK___HYD 23608	26.04 1.19 0.00	23.50 0.95 0.00	22.66 0.85 0.00	21.75 0.80 0.00	22.37 0.84 0.00	22.45 0.84 0.00	25.60 1.10 0.00	28.43 1.35 0.00	30.63 1.51 0.00	30.95 1.47 0.00	31.92 1.59 0.23	33.24 1.76 0.45	32.50 1.76 0.72	32.78 1.87 0.79	33.88 2.00 0.83	35.01 2.16 0.81	38.31 2.49 0.77	42.10 2.93 0.42	40.68 2.73 0.54	39.62 2.65 0.39	37.09 2.50 0.08	34.25 2.06 0.00	29.49 1.67 0.00	25.87 1.39 0.00
NEWKRMKL_115KV_TB1 55635	25.49 0.65 0.00	23.20 0.65 0.00	22.51 0.70 0.00	21.62 0.67 0.00	22.25 0.71 0.00	22.32 0.71 0.00	25.19 0.69 0.00	27.84 0.76 0.00	29.96 0.84 0.00	30.36 0.88 0.00	31.51 0.95 0.00	32.92 0.99 0.00	32.37 0.91 0.00	32.62 0.92 0.00	33.59 0.88 0.00	34.51 0.84 0.00	37.15 1.06 0.50	41.25 1.23 -0.43	39.72 1.23 0.00	38.66 1.31 0.00	36.00 1.25 -0.08	33.25 1.06 0.00	28.63 0.81 0.00	25.21 0.73 0.00
NEWTON___FALLS_HYD 23847	23.88 -0.35 0.62	22.14 -0.41 0.00	21.44 -0.37 0.00	20.58 -0.38 0.00	21.28 -0.26 0.00	21.37 -0.24 0.00	24.38 -0.12 0.00	26.97 -0.11 0.00	28.91 -0.20 0.00	29.13 -0.35 0.00	29.89 -0.67 0.00	31.23 -0.70 0.00	30.71 -0.76 0.00	27.86 -1.01 2.83	24.56 -0.82 7.33	24.97 -0.88 7.82	26.20 -1.06 9.33	27.56 -1.11 10.93	27.26 -1.08 10.15	34.42 -1.01 1.93	33.91 -0.76 0.00	31.48 -0.71 0.00	27.38 -0.45 0.00	24.11 -0.37 0.00
NGRID_A1_DSASP 323792	24.22 -0.62 0.00	21.74 -0.81 0.00	20.76 -1.05 0.00	19.82 -1.13 0.00	20.65 -0.88 0.00	20.93 -0.67 0.00	23.69 -0.81 0.00	26.05 -1.03 0.00	27.95 -1.17 0.00	28.27 -1.21 0.00	29.65 -0.92 0.00	30.59 -1.34 0.00	30.42 -1.04 0.00	30.62 -1.08 0.00	31.50 -1.21 0.00	32.25 -1.41 0.00	35.38 -1.21 0.00	38.72 -0.87 0.00	37.80 -0.69 0.00	36.35 -1.01 0.00	33.32 -1.35 0.00	30.81 -1.38 0.00	26.87 -0.95 0.00	23.57 -0.91 0.00
NGRID_A2_DSASP 323793	24.22 -0.62 0.00	21.74 -0.81 0.00	20.76 -1.05 0.00	19.82 -1.13 0.00	20.65 -0.88 0.00	20.93 -0.67 0.00	23.69 -0.81 0.00	26.05 -1.03 0.00	27.95 -1.17 0.00	28.27 -1.21 0.00	29.65 -0.92 0.00	30.59 -1.34 0.00	30.42 -1.04 0.00	30.62 -1.08 0.00	31.50 -1.21 0.00	32.25 -1.41 0.00	35.38 -1.21 0.00	38.72 -0.87 0.00	37.80 -0.69 0.00	36.35 -1.01 0.00	33.32 -1.35 0.00	30.81 -1.38 0.00	26.87 -0.95 0.00	23.57 -0.91 0.00
NGRID_A4_DSASP 323807	24.22 -0.62 0.00	21.74 -0.81 0.00	20.76 -1.05 0.00	19.82 -1.13 0.00	20.65 -0.88 0.00	20.93 -0.67 0.00	23.69 -0.81 0.00	26.05 -1.03 0.00	27.95 -1.17 0.00	28.27 -1.21 0.00	29.65 -0.92 0.00	30.59 -1.34 0.00	30.42 -1.04 0.00	30.62 -1.08 0.00	31.50 -1.21 0.00	32.25 -1.41 0.00	35.38 -1.21 0.00	38.72 -0.87 0.00	37.80 -0.69 0.00	36.35 -1.01 0.00	33.32 -1.35 0.00	30.81 -1.38 0.00	26.87 -0.95 0.00	23.57 -0.91 0.00
NIAGARA_115E_LBMP 323715	24.47 -0.37 0.00	21.94 -0.61 0.00	20.96 -0.85 0.00	20.01 -0.94 0.00	20.85 -0.69 0.00	21.11 -0.50 0.00	23.91 -0.59 0.00	26.32 -0.76 0.00	28.21 -0.90 0.00	28.54 -0.94 0.00	29.95 -0.61 0.00	30.88 -1.05 0.00	30.71 -0.76 0.00	30.94 -0.76 0.00	31.79 -0.92 0.00	32.55 -1.11 0.00	35.75 -0.84 0.00	39.12 -0.47 0.00	38.18 -0.31 0.00	36.76 -0.60 0.00	33.70 -0.97 0.00	31.13 -1.06 0.00	27.15 -0.67 0.00	23.82 -0.66 0.00
NIAGARA_115W_LBMP 323714	24.15 -0.70 0.00	21.67 -0.88 0.00	20.70 -1.11 0.00	19.78 -1.17 0.00	20.59 -0.95 0.00	20.85 -0.76 0.00	23.59 -0.91 0.00	25.94 -1.14 0.00	27.83 -1.28 0.00	28.12 -1.36 0.00	29.52 -1.04 0.00	30.47 -1.47 0.00	30.27 -1.20 0.00	30.49 -1.20 0.00	31.36 -1.34 0.00	32.08 -1.58 0.00	35.24 -1.35 0.00	38.56 -1.03 0.00	37.64 -0.85 0.00	36.24 -1.12 0.00	33.21 -1.45 0.00	30.74 -1.45 0.00	26.79 -1.03 0.00	23.52 -0.95 0.00
NIAGARA_230_LBMP 323716	24.50 -0.35 0.00	22.01 -0.54 0.00	21.03 -0.78 0.00	20.07 -0.88 0.00	20.89 -0.65 0.00	21.15 -0.45 0.00	23.96 -0.54 0.00	26.35 -0.73 0.00	28.27 -0.85 0.00	28.60 -0.88 0.00	29.98 -0.58 0.00	30.94 -0.99 0.00	30.77 -0.69 0.00	30.97 -0.73 0.00	31.85 -0.85 0.00	32.62 -1.04 0.00	35.79 -0.81 0.00	39.16 -0.43 0.00	38.22 -0.27 0.00	36.80 -0.56 0.00	33.77 -0.90 0.00	31.22 -0.96 0.00	27.21 -0.61 0.00	23.86 -0.61 0.00
NIAGARA___115KV_198_GIBSON 55903	24.07 -0.77 0.00	21.67 -0.88 0.00	20.72 -1.09 0.00	19.78 -1.17 0.00	20.59 -0.95 0.00	20.85 -0.76 0.00	23.59 -0.91 0.00	25.94 -1.14 0.00	27.83 -1.28 0.00	28.12 -1.36 0.00	29.40 -1.16 0.00	30.40 -1.53 0.00	30.27 -1.20 0.00	30.37 -1.33 0.00	31.40 -1.31 0.00	32.08 -1.58 0.00	35.46 -1.13 0.00	38.60 -0.99 0.00	37.68 -0.81 0.00	36.31 -1.05 0.00	33.21 -1.46 0.00	30.77 -1.42 0.00	26.79 -1.03 0.00	23.77 -0.71 0.00
NIAGARA____ 23760	24.50 -0.35 0.00	22.01 -0.54 0.00	21.03 -0.78 0.00	20.07 -0.88 0.00	20.89 -0.65 0.00	21.15 -0.45 0.00	23.96 -0.54 0.00	26.35 -0.73 0.00	28.27 -0.85 0.00	28.60 -0.88 0.00	29.98 -0.58 0.00	30.94 -0.99 0.00	30.77 -0.69 0.00	30.97 -0.73 0.00	31.85 -0.85 0.00	32.62 -1.04 0.00	35.79 -0.81 0.00	39.16 -0.43 0.00	38.22 -0.27 0.00	36.80 -0.56 0.00	33.77 -0.90 0.00	31.22 -0.96 0.00	27.21 -0.61 0.00	23.86 -0.61 0.00
NINE_MILE_1 23575	24.37 -0.47 0.00	22.05 -0.50 0.00	21.29 -0.52 0.00	20.43 -0.52 0.00	21.06 -0.47 0.00	21.15 -0.45 0.00	23.96 -0.54 0.00	26.37 -0.70 0.00	28.33 -0.78 0.00	28.71 -0.77 0.00	29.77 -0.79 0.00	31.07 -0.86 0.00	30.64 -0.82 0.00	30.84 -0.85 0.00	31.82 -0.88 0.00	32.76 -0.91 0.00	35.60 -0.99 0.00	38.56 -1.03 0.00	37.53 -0.96 0.00	36.39 -0.97 0.00	33.74 -0.93 0.00	31.29 -0.90 0.00	27.04 -0.78 0.00	23.74 -0.73 0.00
NINE_MILE_2 23744	24.37 -0.47 0.00	22.05 -0.50 0.00	21.29 -0.52 0.00	20.43 -0.52 0.00	21.06 -0.47 0.00	21.15 -0.45 0.00	23.96 -0.54 0.00	26.37 -0.70 0.00	28.33 -0.78 0.00	28.71 -0.77 0.00	29.77 -0.79 0.00	31.07 -0.86 0.00	30.64 -0.82 0.00	30.84 -0.85 0.00	31.82 -0.88 0.00	32.72 -0.94 0.00	35.60 -0.99 0.00	38.56 -1.03 0.00	37.53 -0.96 0.00	36.39 -0.97 0.00	33.74 -0.93 0.00	31.29 -0.90 0.00	27.04 -0.78 0.00	23.74 -0.73 0.00
NM_CAPITAL___DRP 24208	25.59 0.75 0.00	23.32 0.77 0.00	22.60 0.79 0.00	21.71 0.75 0.00	22.31 0.78 0.00	22.43 0.82 0.00	25.26 0.76 0.00	27.92 0.84 0.00	30.07 0.96 0.00	30.48 1.00 0.00	31.63 1.07 0.00	33.02 1.09 0.00	32.44 0.98 0.00	32.68 0.98 0.00	33.65 0.95 0.00	34.54 0.88 0.00	37.15 1.13 0.58	41.30 1.27 -0.44	39.76 1.27 0.00	38.74 1.38 0.00	36.10 1.35 -0.08	33.35 1.16 0.00	28.71 0.89 0.00	25.31 0.83 0.00
NM_CENTRAL___DRP 24181	24.97 0.12 0.00	22.57 0.02 0.00	21.79 -0.02 0.00	20.91 -0.04 0.00	21.58 0.04 0.00	21.67 0.06 0.00	24.62 0.12 0.00	27.21 0.14 0.00	29.23 0.12 0.00	29.66 0.18 0.00	30.75 0.18 0.00	32.03 0.10 0.00	31.59 0.13 0.00	31.76 0.06 0.00	32.77 0.07 0.00	33.70 0.03 0.00	36.74 0.15 0.00	39.75 0.16 0.00	38.64 0.15 0.00	37.43 0.07 0.00	34.63 -0.03 0.00	32.12 -0.06 0.00	27.82 0.00 0.00	24.43 -0.05 0.00

NM_FRONTIER___DRP 24179	24.07 -0.77 0.00	21.67 -0.88 0.00	20.72 -1.09 0.00	19.78 -1.17 0.00	20.59 -0.95 0.00	20.85 -0.76 0.00	23.59 -0.91 0.00	25.94 -1.14 0.00	27.83 -1.28 0.00	28.12 -1.36 0.00	29.40 -1.16 0.00	30.40 -1.53 0.00	30.27 -1.20 0.00	30.37 -1.33 0.00	31.40 -1.31 0.00	32.08 -1.58 0.00	35.46 -1.13 0.00	38.60 -0.99 0.00	37.68 -0.81 0.00	36.31 -1.05 0.00	33.21 -1.46 0.00	30.77 -1.42 0.00	26.79 -1.03 0.00	23.77 -0.71 0.00
NM_ST_REGIS___HYD 24053	22.76 -1.12 0.97	21.60 -0.95 0.00	20.98 -0.83 0.00	20.14 -0.82 0.00	20.72 -0.82 0.00	20.78 -0.82 0.00	23.69 -0.81 0.00	26.24 -0.84 0.00	28.15 -0.96 0.00	28.33 -1.15 0.00	29.07 -1.50 0.00	30.37 -1.56 0.00	29.83 -1.64 0.00	25.50 -1.78 4.42	19.49 -1.77 11.45	19.56 -1.89 12.22	19.92 -2.09 14.59	20.10 -2.42 17.08	20.16 -2.46 15.87	31.99 -2.35 3.02	32.73 -1.94 0.00	30.52 -1.67 0.00	26.60 -1.22 0.00	23.45 -1.03 0.00
NORTHPORT___1 23551	30.37 2.36 -3.16	26.14 2.10 -1.49	25.47 1.94 -1.71	22.83 1.86 -0.02	23.48 1.94 -0.01	23.74 2.01 -0.13	27.03 2.40 -0.13	29.96 2.87 -0.01	31.73 2.62 0.00	32.13 2.65 0.00	34.27 2.63 -1.08	37.24 3.19 -2.12	38.06 3.21 -3.39	41.87 3.27 -6.91	41.43 3.47 -5.26	40.60 3.53 -3.40	43.55 3.84 -3.12	47.07 4.39 -3.08	43.17 4.08 -0.60	41.30 4.00 0.05	39.03 3.67 -0.68	37.56 3.16 -2.22	30.64 2.81 -0.01	29.55 2.69 -2.38
NORTHPORT___2 23552	30.37 2.36 -3.16	26.14 2.10 -1.49	25.47 1.94 -1.71	22.83 1.86 -0.02	23.48 1.94 -0.01	23.74 2.01 -0.13	27.03 2.40 -0.13	29.96 2.87 -0.01	31.73 2.62 0.00	32.13 2.65 0.00	34.27 2.63 -1.08	37.24 3.19 -2.12	38.06 3.21 -3.39	41.87 3.27 -6.91	41.43 3.47 -5.26	40.60 3.53 -3.40	43.55 3.84 -3.12	47.07 4.39 -3.08	43.17 4.08 -0.60	41.30 4.00 0.05	39.03 3.67 -0.68	37.56 3.16 -2.22	30.64 2.81 -0.01	29.55 2.69 -2.38
NORTHPORT___3 23553	30.29 2.28 -3.16	26.07 2.03 -1.49	25.40 1.88 -1.71	22.73 1.76 -0.02	23.40 1.85 -0.01	23.64 1.90 -0.13	26.93 2.30 -0.13	29.82 2.73 -0.01	31.65 2.53 0.00	31.98 2.50 0.00	34.11 2.47 -1.08	37.05 3.00 -2.12	37.87 3.02 -3.39	41.67 3.07 -6.90	41.23 3.27 -5.25	40.62 3.57 -3.39	43.73 4.03 -3.11	47.29 4.63 -3.07	43.59 4.50 -0.60	41.59 4.29 0.06	39.19 3.85 -0.68	37.68 3.28 -2.21	30.83 3.01 0.00	29.40 2.55 -2.38
NORTHPORT___4 23650	30.29 2.28 -3.16	26.07 2.03 -1.49	25.40 1.88 -1.71	22.73 1.76 -0.02	23.40 1.85 -0.01	23.64 1.90 -0.13	26.93 2.30 -0.13	29.82 2.73 -0.01	31.65 2.53 0.00	31.98 2.50 0.00	34.11 2.47 -1.08	37.05 3.00 -2.12	37.87 3.02 -3.39	41.67 3.07 -6.90	41.23 3.27 -5.25	40.62 3.57 -3.39	43.73 4.03 -3.11	47.29 4.63 -3.07	43.59 4.50 -0.60	41.59 4.29 0.06	39.19 3.85 -0.68	37.68 3.28 -2.21	30.83 3.01 0.00	29.40 2.55 -2.38
NORTHPORT___IC 23718	30.34 2.34 -3.16	26.16 2.12 -1.49	25.49 1.96 -1.71	22.88 1.91 -0.02	23.52 1.98 0.00	23.79 2.05 -0.13	27.03 2.40 -0.13	29.95 2.87 0.00	31.73 2.62 0.00	32.13 2.65 0.00	34.21 2.57 -1.08	37.18 3.13 -2.12	38.05 3.21 -3.38	41.93 3.07 -6.91	41.43 3.47 -5.26	40.60 3.53 -3.40	43.69 3.99 -3.11	47.10 4.43 -3.07	43.16 4.08 -0.60	41.29 4.00 0.06	38.99 3.64 -0.68	37.59 3.19 -2.22	30.63 2.81 0.00	29.57 2.72 -2.38
NORTH___COUNTRY_ESR 323785	22.84 -0.84 1.16	21.96 -0.59 0.00	21.35 -0.46 0.00	20.53 -0.42 0.00	21.10 -0.43 0.00	21.22 -0.39 0.00	23.86 -0.64 0.00	26.40 -0.68 0.00	28.33 -0.78 0.00	28.62 -0.86 0.00	29.56 -1.01 0.00	30.88 -1.05 0.00	30.23 -1.23 0.00	25.13 -1.30 5.27	17.71 -1.34 13.66	17.74 -1.35 14.57	17.76 -1.43 17.40	17.56 -1.66 20.37	17.98 -1.58 18.93	32.49 -1.27 3.60	33.66 -1.01 0.00	31.35 -0.84 0.00	27.04 -0.78 0.00	23.82 -0.66 0.00
NPX_GEN_1385_PROXY 323591	28.27 1.99 -1.44	25.89 1.85 -1.49	25.18 1.66 -1.71	22.86 1.89 -0.02	23.28 1.85 0.11	23.88 2.03 -0.25	26.96 2.33 -0.13	29.88 2.79 -0.01	31.50 2.39 0.00	31.90 2.42 0.00	33.00 2.14 -0.30	33.00 2.71 1.65	33.78 2.74 0.42	34.25 2.79 0.24	33.88 2.98 1.80	34.89 3.03 1.81	37.44 3.29 2.45	41.85 3.80 1.55	42.00 3.50 -0.01	41.04 3.74 0.05	38.58 3.22 -0.68	33.45 2.67 1.41	29.93 2.39 0.28	28.00 2.33 -1.20
NPX_GEN_CSC 323557	30.69 2.68 -3.16	26.34 2.30 -1.49	25.68 2.16 -1.71	23.00 2.03 -0.02	23.54 2.11 0.11	24.03 2.18 -0.25	27.22 2.60 -0.13	30.17 3.09 -0.01	32.17 3.06 0.00	32.60 3.12 0.00	34.73 3.09 -1.08	37.79 3.73 -2.12	38.62 3.77 -3.39	44.84 3.90 -9.24	44.94 4.19 -8.05	76.66 4.34 -38.65	150.79 4.75 -109.44	191.98 5.47 -146.92	210.67 5.12 -167.06	203.98 5.01 -161.61	79.49 4.58 -40.24	60.91 4.02 -24.70	31.42 3.45 -0.15	29.95 3.08 -2.39
NSINS_S_GLNS_FALLS 23858	26.86 2.01 0.00	24.38 1.83 0.00	23.51 1.70 0.00	22.59 1.63 0.00	23.24 1.70 0.00	23.33 1.73 0.00	26.53 2.03 0.00	29.35 2.27 0.00	31.62 2.50 0.00	32.13 2.65 0.00	33.31 2.75 0.00	34.07 2.14 0.00	33.54 2.08 0.00	33.66 1.97 0.00	34.37 1.67 0.00	35.25 1.58 0.00	38.03 1.90 0.47	42.13 2.14 -0.40	41.18 2.69 0.00	40.01 2.65 0.00	37.34 2.60 -0.07	34.51 2.32 0.00	30.19 2.36 0.00	26.56 2.08 0.00
NUCOR_STEEL___DRP 24197	25.24 0.40 0.00	22.82 0.27 0.00	22.01 0.20 0.00	21.10 0.15 0.00	21.79 0.26 0.00	21.93 0.32 0.00	24.92 0.42 0.00	27.51 0.43 0.00	29.52 0.41 0.00	29.95 0.47 0.00	31.02 0.46 0.00	32.35 0.42 0.00	31.97 0.50 0.00	32.11 0.41 0.00	33.13 0.43 0.00	34.07 0.40 0.00	37.21 0.62 0.00	40.31 0.71 0.00	39.26 0.77 0.00	37.99 0.64 0.00	35.15 0.49 0.00	32.58 0.39 0.00	28.18 0.36 0.00	24.70 0.22 0.00
NUMBER_THREE_WT_PWR 323818	25.15 0.55 0.24	22.78 0.23 0.00	21.99 0.17 0.00	21.12 0.17 0.00	21.99 0.45 0.00	22.08 0.47 0.00	25.18 0.69 0.00	27.89 0.81 0.00	29.87 0.76 0.00	30.13 0.65 0.00	31.05 0.49 0.00	32.41 0.48 0.00	31.90 0.44 0.00	30.64 0.03 1.09	30.37 0.49 2.83	31.15 0.51 3.02	33.21 0.22 3.60	36.05 0.67 4.21	35.30 0.73 3.92	37.40 0.79 0.74	35.50 0.83 0.00	32.83 0.64 0.00	28.41 0.59 0.00	24.92 0.44 0.00
NYISO_LBMP_REFERENCE 24008	24.84 0.00 0.00	22.55 0.00 0.00	21.81 0.00 0.00	20.95 0.00 0.00	21.53 0.00 0.00	21.60 0.00 0.00	24.50 0.00 0.00	27.08 0.00 0.00	29.11 0.00 0.00	29.48 0.00 0.00	30.56 0.00 0.00	31.93 0.00 0.00	31.46 0.00 0.00	31.70 0.00 0.00	32.70 0.00 0.00	33.66 0.00 0.00	36.59 0.00 0.00	39.59 0.00 0.00	38.49 0.00 0.00	37.36 0.00 0.00	34.67 0.00 0.00	32.19 0.00 0.00	27.82 0.00 0.00	24.48 0.00 0.00
NYPA_BRENTWD____GT 24164	30.79 2.78 -3.16	26.48 2.44 -1.49	25.79 2.27 -1.71	23.13 2.16 -0.02	23.78 2.24 -0.01	24.07 2.33 -0.13	27.40 2.77 -0.13	30.36 3.28 -0.01	32.29 3.17 0.00	32.69 3.21 0.00	34.85 3.21 -1.08	37.88 3.83 -2.12	38.72 3.87 -3.39	43.13 3.96 -7.47	42.86 4.22 -5.93	49.74 4.14 -11.94	69.86 4.39 -28.88	82.56 5.03 -37.94	84.17 4.73 -40.94	81.08 4.59 -39.13	49.17 4.23 -10.27	43.62 3.76 -7.66	31.31 3.45 -0.04	29.99 3.13 -2.38

NYPA_GOWANUS____GT5 24156	26.96 2.11 -0.01	24.34 1.78 -0.01	23.46 1.64 -0.01	22.42 1.47 0.00	23.04 1.51 0.00	23.14 1.53 0.00	26.41 1.91 0.00	29.43 2.35 0.00	31.82 2.71 0.00	32.19 2.71 0.00	34.61 2.96 -1.09	37.29 3.22 -2.13	38.11 3.24 -3.41	38.77 3.33 -3.74	39.96 3.34 -3.91	41.06 3.57 -3.83	44.91 3.92 -4.40	48.96 4.55 -4.82	45.30 4.23 -2.58	43.26 4.04 -1.86	40.33 3.99 -1.67	35.71 3.41 -0.11	30.68 2.84 -0.02	26.98 2.50 -0.01
NYPA_GOWANUS____GT6 24157	26.96 2.11 -0.01	24.34 1.78 -0.01	23.46 1.64 -0.01	22.42 1.47 0.00	23.04 1.51 0.00	23.14 1.53 0.00	26.41 1.91 0.00	29.43 2.35 0.00	31.82 2.71 0.00	32.19 2.71 0.00	34.61 2.96 -1.09	37.29 3.22 -2.13	38.11 3.24 -3.41	38.77 3.33 -3.74	39.96 3.34 -3.91	41.06 3.57 -3.83	44.91 3.92 -4.40	48.96 4.55 -4.82	45.30 4.23 -2.58	43.26 4.04 -1.86	40.33 3.99 -1.67	35.71 3.41 -0.11	30.68 2.84 -0.02	26.98 2.50 -0.01
NYPA_HARLEM__RVR__GT1 24160	26.89 2.04 -0.01	24.27 1.71 -0.01	23.43 1.61 -0.01	22.31 1.36 0.00	22.93 1.40 0.00	23.07 1.47 0.00	26.31 1.81 0.00	29.27 2.19 0.00	31.61 2.50 0.01	31.98 2.50 0.01	34.36 2.72 -1.08	37.06 3.00 -2.13	37.82 2.96 -3.40	38.48 3.04 -3.74	39.50 2.88 -3.91	40.69 3.20 -3.82	44.57 3.59 -4.39	48.60 4.19 -4.81	44.91 3.85 -2.57	42.88 3.66 -1.86	39.22 3.64 -0.91	35.45 3.25 -0.01	30.52 2.70 0.00	26.83 2.35 -0.01
NYPA_HARLEM__RVR__GT2 24161	26.89 2.04 -0.01	24.27 1.71 -0.01	23.43 1.61 -0.01	22.31 1.36 0.00	22.93 1.40 0.00	23.07 1.47 0.00	26.31 1.81 0.00	29.27 2.19 0.00	31.61 2.50 0.01	31.98 2.50 0.01	34.36 2.72 -1.08	37.06 3.00 -2.13	37.82 2.96 -3.40	38.48 3.04 -3.74	39.50 2.88 -3.91	40.69 3.20 -3.82	44.57 3.59 -4.39	48.60 4.19 -4.81	44.91 3.85 -2.57	42.88 3.66 -1.86	39.22 3.64 -0.91	35.45 3.25 -0.01	30.52 2.70 0.00	26.83 2.35 -0.01
NYPA_KENT____GT 24152	26.89 2.04 -0.01	24.27 1.71 -0.01	23.41 1.59 -0.01	22.38 1.43 0.00	23.00 1.47 0.00	23.12 1.51 0.00	26.39 1.89 0.00	29.41 2.33 0.00	31.79 2.68 0.00	32.16 2.68 0.00	34.55 2.91 -1.09	37.26 3.19 -2.13	38.05 3.18 -3.41	38.71 3.27 -3.74	39.89 3.27 -3.91	40.96 3.47 -3.83	44.83 3.84 -4.40	48.88 4.47 -4.82	45.19 4.12 -2.58	43.14 3.92 -1.86	39.90 3.88 -1.35	35.60 3.35 -0.07	30.59 2.75 -0.01	26.91 2.42 -0.01
NYPA_POUCH1____GT 24155	26.96 2.11 -0.01	24.34 1.78 -0.01	23.46 1.64 -0.01	22.42 1.47 0.00	23.04 1.51 0.00	23.14 1.53 0.00	26.36 1.86 0.00	29.38 2.30 0.00	31.73 2.62 0.00	32.13 2.65 0.00	34.52 2.87 -1.09	37.20 3.13 -2.13	37.99 3.12 -3.41	38.64 3.20 -3.74	39.86 3.24 -3.91	40.96 3.47 -3.83	44.79 3.81 -4.40	48.84 4.43 -4.82	45.15 4.08 -2.58	43.14 3.92 -1.86	40.26 3.92 -1.67	35.62 3.32 -0.11	30.62 2.78 -0.02	26.98 2.50 -0.01
NYPA_VERNON____GT2 24162	26.81 1.96 -0.01	24.23 1.67 -0.01	23.35 1.53 -0.01	22.34 1.38 0.00	22.96 1.42 0.00	23.09 1.49 0.00	26.36 1.86 0.00	29.38 2.30 0.00	31.76 2.65 0.00	32.13 2.65 0.00	34.49 2.84 -1.09	37.20 3.13 -2.13	37.99 3.12 -3.41	38.64 3.20 -3.74	39.82 3.21 -3.91	40.89 3.40 -3.83	44.76 3.77 -4.40	48.80 4.39 -4.82	45.11 4.04 -2.58	43.07 3.85 -1.86	39.44 3.75 -1.02	35.50 3.28 -0.02	30.52 2.70 0.00	26.83 2.35 -0.01
NYPA_VERNON____GT3 24163	26.81 1.96 -0.01	24.23 1.67 -0.01	23.35 1.53 -0.01	22.34 1.38 0.00	22.96 1.42 0.00	23.09 1.49 0.00	26.36 1.86 0.00	29.38 2.30 0.00	31.76 2.65 0.00	32.13 2.65 0.00	34.49 2.84 -1.09	37.20 3.13 -2.13	37.99 3.12 -3.41	38.64 3.20 -3.74	39.82 3.21 -3.91	40.89 3.40 -3.83	44.76 3.77 -4.40	48.80 4.39 -4.82	45.11 4.04 -2.58	43.07 3.85 -1.86	39.44 3.75 -1.02	35.50 3.28 -0.02	30.52 2.70 0.00	26.83 2.35 -0.01
NYPA__ASTORIA_CC1 323568	26.79 1.94 -0.01	24.20 1.65 -0.01	23.32 1.50 -0.01	22.30 1.34 0.00	22.91 1.38 0.00	23.07 1.47 0.00	26.31 1.81 0.00	29.32 2.25 0.00	31.70 2.59 0.00	32.07 2.59 0.00	34.43 2.78 -1.09	37.13 3.07 -2.13	37.92 3.05 -3.41	38.58 3.14 -3.74	39.76 3.14 -3.91	40.83 3.33 -3.83	44.68 3.69 -4.40	48.73 4.32 -4.82	45.04 3.97 -2.58	42.99 3.77 -1.86	39.29 3.71 -0.91	35.42 3.22 -0.01	30.47 2.64 0.00	26.81 2.33 -0.01
NYPA__ASTORIA_CC2 323569	26.79 1.94 -0.01	24.20 1.65 -0.01	23.32 1.50 -0.01	22.30 1.34 0.00	22.91 1.38 0.00	23.07 1.47 0.00	26.31 1.81 0.00	29.32 2.25 0.00	31.70 2.59 0.00	32.07 2.59 0.00	34.43 2.78 -1.09	37.13 3.07 -2.13	37.92 3.05 -3.41	38.58 3.14 -3.74	39.76 3.14 -3.91	40.83 3.33 -3.83	44.68 3.69 -4.40	48.73 4.32 -4.82	45.04 3.97 -2.58	42.99 3.77 -1.86	39.29 3.71 -0.91	35.42 3.22 -0.01	30.47 2.64 0.00	26.81 2.33 -0.01
NYPA__HOLTSVILL 23794	30.71 2.71 -3.16	26.41 2.37 -1.49	25.73 2.20 -1.71	23.04 2.07 -0.02	23.70 2.15 -0.01	23.98 2.25 -0.13	27.30 2.67 -0.13	30.25 3.17 -0.01	32.20 3.08 0.00	32.60 3.12 0.00	34.73 3.09 -1.08	37.75 3.70 -2.12	38.59 3.74 -3.39	44.80 3.83 -9.26	44.83 4.05 -8.08	76.87 4.21 -38.99	151.69 4.61 -110.49	193.20 5.27 -148.34	212.17 4.97 -168.71	205.39 4.82 -163.21	79.71 4.40 -40.63	60.97 3.86 -24.92	31.39 3.42 -0.15	29.95 3.08 -2.39
NYPA____HELLGATE_GT1 24158	26.89 2.04 -0.01	24.27 1.71 -0.01	23.43 1.61 -0.01	22.31 1.36 0.00	22.93 1.40 0.00	23.07 1.47 0.00	26.31 1.81 0.00	29.27 2.19 0.00	31.61 2.50 0.01	31.98 2.50 0.01	34.36 2.72 -1.08	37.06 3.00 -2.13	37.82 2.96 -3.40	38.48 3.04 -3.74	39.50 2.88 -3.91	40.69 3.20 -3.82	44.57 3.59 -4.39	48.60 4.19 -4.81	44.91 3.85 -2.57	42.88 3.66 -1.86	39.22 3.64 -0.91	35.45 3.25 -0.01	30.52 2.70 0.00	26.83 2.35 -0.01
NYPA____HELLGATE_GT2 24159	26.89 2.04 -0.01	24.27 1.71 -0.01	23.43 1.61 -0.01	22.31 1.36 0.00	22.93 1.40 0.00	23.07 1.47 0.00	26.31 1.81 0.00	29.27 2.19 0.00	31.61 2.50 0.01	31.98 2.50 0.01	34.36 2.72 -1.08	37.06 3.00 -2.13	37.82 2.96 -3.40	38.48 3.04 -3.74	39.50 2.88 -3.91	40.69 3.20 -3.82	44.57 3.59 -4.39	48.60 4.19 -4.81	44.91 3.85 -2.57	42.88 3.66 -1.86	39.22 3.64 -0.91	35.45 3.25 -0.01	30.52 2.70 0.00	26.83 2.35 -0.01
NYS_BARGE__HYD 23848	24.89 0.05 0.00	22.28 -0.27 0.00	21.29 -0.52 0.00	20.33 -0.63 0.00	21.17 -0.37 0.00	21.45 -0.15 0.00	24.33 -0.17 0.00	26.83 -0.24 0.00	28.77 -0.35 0.00	29.07 -0.41 0.00	30.53 -0.03 0.00	31.49 -0.45 0.00	31.34 -0.13 0.00	31.54 -0.16 0.00	32.41 -0.29 0.00	33.16 -0.50 0.00	36.41 -0.18 0.00	39.83 0.24 0.00	38.87 0.38 0.00	37.39 0.04 0.00	34.29 -0.38 0.00	31.71 -0.48 0.00	27.60 -0.22 0.00	24.18 -0.29 0.00
OAK ORCHARD__HYD 24046	25.09 0.25 0.00	22.53 -0.02 0.00	21.61 -0.20 0.00	20.66 -0.29 0.00	21.45 -0.09 0.00	21.65 0.04 0.00	24.62 0.12 0.00	27.27 0.19 0.00	29.26 0.15 0.00	29.60 0.12 0.00	30.93 0.37 0.00	32.13 0.19 0.00	31.81 0.35 0.00	31.98 0.28 0.00	32.94 0.23 0.00	33.80 0.14 0.00	36.88 0.29 0.00	40.23 0.63 0.00	39.18 0.69 0.00	37.77 0.41 0.00	34.77 0.10 0.00	32.16 -0.03 0.00	27.88 0.06 0.00	24.35 -0.12 0.00

OAKDALE___35_KV_LOAD 356122	25.32 0.47 0.00	22.89 0.34 0.00	22.07 0.26 0.00	21.18 0.23 0.00	21.88 0.34 0.00	21.99 0.39 0.00	25.01 0.51 0.00	27.65 0.57 0.00	29.70 0.58 0.00	30.07 0.59 0.00	31.17 0.61 0.00	32.54 0.61 0.00	32.15 0.69 0.00	32.36 0.67 0.00	33.42 0.72 0.00	34.37 0.71 0.00	37.58 0.99 0.00	40.56 1.11 0.15	39.57 1.08 0.00	38.37 1.01 0.00	35.44 0.80 0.03	32.87 0.68 0.00	28.41 0.58 0.00	24.97 0.49 0.00
OCC_CHEM___DRP 24175	24.15 -0.70 0.00	21.74 -0.81 0.00	20.76 -1.05 0.00	19.82 -1.13 0.00	20.65 -0.88 0.00	20.93 -0.67 0.00	23.69 -0.81 0.00	26.05 -1.03 0.00	27.95 -1.16 0.00	28.27 -1.21 0.00	29.55 -1.01 0.00	30.56 -1.37 0.00	30.42 -1.04 0.00	30.52 -1.17 0.00	31.56 -1.14 0.00	32.22 -1.45 0.00	35.60 -0.99 0.00	38.76 -0.83 0.00	37.87 -0.62 0.00	36.42 -0.93 0.00	33.32 -1.35 0.00	30.87 -1.32 0.00	26.87 -0.95 0.00	23.84 -0.64 0.00
OH_GEN_PROXY 24063	24.52 -0.32 0.00	22.01 -0.54 0.00	21.03 -0.78 0.00	20.09 -0.86 0.00	20.79 -0.63 0.12	21.29 -0.43 -0.12	24.01 -0.49 0.00	26.40 -0.68 0.00	28.33 -0.78 0.00	28.65 -0.83 0.00	30.01 -0.55 0.00	31.01 -0.93 0.00	30.80 -0.66 0.00	31.00 -0.70 0.00	31.92 -0.79 0.00	32.69 -0.98 0.00	35.89 -0.70 0.00	39.28 -0.32 0.00	38.30 -0.19 0.00	36.91 -0.45 0.00	33.84 -0.83 0.00	31.29 -0.90 0.00	27.24 -0.59 0.00	23.89 -0.59 0.00
OLIN_CORP_DRP 24177	24.42 -0.42 0.00	21.96 -0.59 0.00	21.00 -0.81 0.00	20.05 -0.90 0.00	20.87 -0.67 0.00	21.13 -0.48 0.00	23.94 -0.56 0.00	26.35 -0.73 0.00	28.27 -0.84 0.00	28.57 -0.91 0.00	29.86 -0.70 0.00	30.88 -1.05 0.00	30.77 -0.69 0.00	30.87 -0.82 0.00	31.89 -0.82 0.00	32.59 -1.08 0.00	36.01 -0.59 0.00	39.20 -0.40 0.00	38.30 -0.19 0.00	36.87 -0.49 0.00	33.73 -0.94 0.00	31.26 -0.93 0.00	27.18 -0.64 0.00	24.11 -0.37 0.00
OLIN_CORP_DSASP 323712	24.22 -0.62 0.00	21.74 -0.81 0.00	20.76 -1.05 0.00	19.82 -1.13 0.00	20.65 -0.88 0.00	20.93 -0.67 0.00	23.69 -0.81 0.00	26.05 -1.03 0.00	27.95 -1.17 0.00	28.27 -1.21 0.00	29.65 -0.92 0.00	30.59 -1.34 0.00	30.42 -1.04 0.00	30.62 -1.08 0.00	31.50 -1.21 0.00	32.25 -1.41 0.00	35.38 -1.21 0.00	38.72 -0.87 0.00	37.80 -0.69 0.00	36.35 -1.01 0.00	33.32 -1.35 0.00	30.81 -1.38 0.00	26.87 -0.95 0.00	23.57 -0.91 0.00
ONEIDA_HERK_LFGE 323681	25.54 0.77 0.07	23.07 0.52 0.00	22.29 0.48 0.00	21.39 0.44 0.00	22.14 0.60 0.00	22.23 0.63 0.00	25.33 0.83 0.00	28.08 1.00 0.00	30.13 1.02 0.00	30.45 0.97 0.00	31.48 0.92 0.00	32.86 0.93 0.00	32.34 0.88 0.00	32.10 0.73 0.33	32.77 0.91 0.85	33.74 0.98 0.91	36.46 0.95 1.08	39.52 1.19 1.27	38.54 1.23 1.18	38.36 1.23 0.22	35.88 1.21 0.00	33.15 0.96 0.00	28.65 0.83 0.00	25.14 0.66 0.00
ONEIDA___115KV_TB4 55905	25.86 1.02 0.00	23.36 0.81 0.00	22.55 0.74 0.00	21.62 0.67 0.00	22.33 0.80 0.00	22.43 0.82 0.00	25.55 1.05 0.00	28.30 1.22 0.00	30.39 1.28 0.00	30.81 1.33 0.00	31.88 1.31 0.00	33.28 1.34 0.00	32.78 1.32 0.00	32.93 1.24 0.00	33.98 1.28 0.00	35.01 1.35 0.00	38.16 1.57 0.00	41.30 1.70 0.00	40.22 1.73 0.00	39.04 1.68 0.00	36.23 1.56 0.00	33.51 1.32 0.00	28.93 1.11 0.00	25.41 0.93 0.00
ONONDAGA_REF_OCCRA 23987	24.94 0.10 0.00	22.55 0.00 0.00	21.75 -0.07 0.00	20.87 -0.08 0.00	21.53 0.00 0.00	21.63 0.02 0.00	24.57 0.07 0.00	27.13 0.05 0.00	29.17 0.06 0.00	29.60 0.12 0.00	30.69 0.12 0.00	32.00 0.06 0.00	31.56 0.09 0.00	31.73 0.03 0.00	32.77 0.07 0.00	33.70 0.03 0.00	36.74 0.15 0.00	39.71 0.12 0.00	38.60 0.12 0.00	37.39 0.04 0.00	34.63 -0.03 0.00	32.12 -0.06 0.00	27.79 -0.03 0.00	24.40 -0.07 0.00
ONONDAGA___COGEN 23986	25.04 0.20 0.00	22.66 0.11 0.00	21.86 0.04 0.00	20.97 0.02 0.00	21.64 0.11 0.00	21.76 0.15 0.00	24.70 0.20 0.00	27.27 0.19 0.00	29.26 0.15 0.00	29.69 0.21 0.00	30.78 0.21 0.00	32.09 0.16 0.00	31.65 0.19 0.00	31.86 0.16 0.00	32.87 0.16 0.00	33.80 0.13 0.00	36.85 0.26 0.00	39.87 0.28 0.00	38.76 0.27 0.00	37.58 0.22 0.00	34.77 0.10 0.00	32.25 0.06 0.00	27.90 0.08 0.00	24.48 0.00 0.00
ONTARIO___LFGE 23819	25.39 0.55 0.00	22.82 0.27 0.00	21.94 0.13 0.00	21.02 0.06 0.00	21.81 0.28 0.00	22.01 0.41 0.00	25.14 0.64 0.00	27.81 0.73 0.00	29.84 0.73 0.00	30.19 0.71 0.00	31.39 0.83 0.00	32.64 0.70 0.00	32.28 0.82 0.00	32.46 0.76 0.00	33.42 0.72 0.00	34.34 0.67 0.00	37.39 0.80 0.00	40.78 1.19 0.00	39.68 1.19 0.00	38.33 0.97 0.00	35.40 0.73 0.00	32.80 0.61 0.00	28.43 0.61 0.00	24.79 0.32 0.00
ORANGEVILLE_WT_PWR 323706	24.97 0.12 0.00	22.42 -0.13 0.00	21.48 -0.33 0.00	20.53 -0.42 0.00	21.39 -0.15 0.00	21.60 0.00 0.00	24.60 0.10 0.00	27.13 0.05 0.00	29.08 -0.03 0.00	29.33 -0.15 0.00	30.72 0.15 0.00	31.74 -0.19 0.00	31.53 0.06 0.00	31.73 0.03 0.00	32.57 -0.13 0.00	33.39 -0.27 0.00	36.59 0.00 0.00	40.07 0.48 0.00	39.03 0.54 0.00	37.62 0.26 0.00	34.63 -0.03 0.00	32.03 -0.16 0.00	27.90 0.08 0.00	24.43 -0.05 0.00
ORANGEVILLE___ESR 323794	24.97 0.12 0.00	22.42 -0.13 0.00	21.48 -0.33 0.00	20.53 -0.42 0.00	21.39 -0.15 0.00	21.60 0.00 0.00	24.60 0.10 0.00	27.13 0.05 0.00	29.08 -0.03 0.00	29.33 -0.15 0.00	30.72 0.15 0.00	31.74 -0.19 0.00	31.53 0.06 0.00	31.73 0.03 0.00	32.57 -0.13 0.00	33.39 -0.27 0.00	36.59 0.00 0.00	40.07 0.48 0.00	39.03 0.54 0.00	37.62 0.26 0.00	34.63 -0.03 0.00	32.03 -0.16 0.00	27.90 0.08 0.00	24.43 -0.05 0.00
OSWEGATCHIE___HYD 24044	23.88 -0.35 0.62	22.17 -0.38 0.00	21.46 -0.35 0.00	20.60 -0.36 0.00	21.30 -0.24 0.00	21.39 -0.22 0.00	24.38 -0.12 0.00	26.97 -0.11 0.00	28.91 -0.20 0.00	29.13 -0.35 0.00	29.89 -0.67 0.00	31.23 -0.70 0.00	30.71 -0.76 0.00	27.85 -1.02 2.83	24.56 -0.82 7.33	24.97 -0.88 7.82	26.12 -1.13 9.33	27.56 -1.11 10.93	27.26 -1.08 10.15	34.42 -1.01 1.93	33.91 -0.76 0.00	31.48 -0.71 0.00	27.37 -0.45 0.00	24.13 -0.34 0.00
OSWEGO___5 23606	24.55 -0.30 0.00	22.19 -0.36 0.00	21.44 -0.37 0.00	20.58 -0.38 0.00	21.21 -0.32 0.00	21.30 -0.30 0.00	24.16 -0.34 0.00	26.62 -0.46 0.00	28.59 -0.52 0.00	28.95 -0.53 0.00	30.01 -0.55 0.00	31.33 -0.61 0.00	30.90 -0.57 0.00	31.13 -0.57 0.00	32.08 -0.62 0.00	33.02 -0.64 0.00	35.89 -0.70 0.00	38.92 -0.67 0.00	37.83 -0.65 0.00	36.72 -0.64 0.00	34.01 -0.66 0.00	31.55 -0.64 0.00	27.29 -0.53 0.00	23.94 -0.54 0.00
OSWEGO___6 23613	24.55 -0.30 0.00	22.19 -0.36 0.00	21.44 -0.37 0.00	20.58 -0.38 0.00	21.21 -0.32 0.00	21.30 -0.30 0.00	24.16 -0.34 0.00	26.62 -0.46 0.00	28.59 -0.52 0.00	28.95 -0.53 0.00	30.01 -0.55 0.00	31.33 -0.61 0.00	30.90 -0.57 0.00	31.13 -0.57 0.00	32.08 -0.62 0.00	33.02 -0.64 0.00	35.89 -0.70 0.00	38.92 -0.67 0.00	37.83 -0.65 0.00	36.72 -0.64 0.00	34.01 -0.66 0.00	31.55 -0.64 0.00	27.29 -0.53 0.00	23.94 -0.54 0.00

OUTOKUMPU-AB___DRP 24206	24.94 0.10 0.00	22.39 -0.16 0.00	21.40 -0.41 0.00	20.43 -0.52 0.00	21.28 -0.26 0.00	21.56 -0.04 0.00	24.45 -0.05 0.00	26.97 -0.11 0.00	28.94 -0.17 0.00	29.21 -0.27 0.00	30.59 0.03 0.00	31.65 -0.29 0.00	31.53 0.06 0.00	31.67 -0.03 0.00	32.70 0.00 0.00	33.36 -0.30 0.00	36.88 0.29 0.00	40.11 0.51 0.00	39.14 0.65 0.00	37.66 0.30 0.00	34.46 -0.21 0.00	31.93 -0.26 0.00	27.77 -0.06 0.00	24.57 0.10 0.00
OXBOW___BTM 323836	24.64 -0.20 0.00	22.08 -0.47 0.00	21.09 -0.72 0.00	20.16 -0.80 0.00	20.97 -0.56 0.00	21.26 -0.35 0.00	24.11 -0.39 0.00	26.54 -0.54 0.00	28.47 -0.64 0.00	28.77 -0.71 0.00	30.23 -0.34 0.00	31.20 -0.73 0.00	31.02 -0.44 0.00	31.25 -0.44 0.00	32.15 -0.56 0.00	32.86 -0.81 0.00	36.08 -0.51 0.00	39.48 -0.12 0.00	38.49 0.00 0.00	37.02 -0.34 0.00	33.94 -0.73 0.00	31.39 -0.80 0.00	27.35 -0.47 0.00	23.96 -0.52 0.00
OXBOW___ 24026	24.57 -0.27 0.00	22.08 -0.47 0.00	21.11 -0.70 0.00	20.14 -0.82 0.00	20.98 -0.56 0.00	21.26 -0.35 0.00	24.11 -0.39 0.00	26.54 -0.54 0.00	28.47 -0.64 0.00	28.77 -0.71 0.00	30.14 -0.43 0.00	31.14 -0.80 0.00	31.02 -0.44 0.00	31.16 -0.54 0.00	32.18 -0.52 0.00	32.86 -0.81 0.00	36.30 -0.29 0.00	39.51 -0.08 0.00	38.57 0.08 0.00	37.10 -0.26 0.00	33.94 -0.73 0.00	31.45 -0.74 0.00	27.35 -0.47 0.00	24.23 -0.24 0.00
OXY_CHEM_DSASP 323612	24.15 -0.70 0.00	21.74 -0.81 0.00	20.76 -1.05 0.00	19.82 -1.13 0.00	20.65 -0.88 0.00	20.93 -0.67 0.00	23.69 -0.81 0.00	26.05 -1.03 0.00	27.95 -1.16 0.00	28.27 -1.21 0.00	29.55 -1.01 0.00	30.56 -1.37 0.00	30.42 -1.04 0.00	30.52 -1.17 0.00	31.56 -1.14 0.00	32.22 -1.45 0.00	35.60 -0.99 0.00	38.76 -0.83 0.00	37.87 -0.62 0.00	36.42 -0.93 0.00	33.32 -1.35 0.00	30.87 -1.32 0.00	26.87 -0.95 0.00	23.84 -0.64 0.00
OZONE_PARK_ESR 323760	26.88 2.04 0.00	24.31 1.76 0.00	23.43 1.61 0.00	22.46 1.51 0.00	23.09 1.55 0.00	23.22 1.62 0.00	26.48 1.98 0.00	29.57 2.49 0.00	31.94 2.82 0.00	32.31 2.83 0.00	34.61 2.96 -1.09	37.39 3.32 -2.13	38.17 3.30 -3.41	38.89 3.46 -3.74	40.15 3.53 -3.91	41.20 3.70 -3.83	45.23 4.24 -4.40	49.20 4.79 -4.82	45.50 4.43 -2.58	43.48 4.26 -1.86	39.59 4.02 -0.90	35.70 3.51 0.00	30.69 2.87 0.00	27.00 2.52 0.00
PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	24.15 -0.70 0.00	21.74 -0.81 0.00	20.76 -1.05 0.00	19.82 -1.13 0.00	20.65 -0.88 0.00	20.93 -0.67 0.00	23.69 -0.81 0.00	26.05 -1.03 0.00	27.95 -1.16 0.00	28.27 -1.21 0.00	29.55 -1.01 0.00	30.56 -1.37 0.00	30.42 -1.04 0.00	30.52 -1.17 0.00	31.56 -1.14 0.00	32.22 -1.45 0.00	35.60 -0.99 0.00	38.76 -0.83 0.00	37.87 -0.62 0.00	36.42 -0.93 0.00	33.32 -1.35 0.00	30.87 -1.32 0.00	26.87 -0.95 0.00	23.84 -0.64 0.00
PACKARD__115KV_DUPONT_184 80571	24.15 -0.70 0.00	21.74 -0.81 0.00	20.76 -1.05 0.00	19.82 -1.13 0.00	20.65 -0.88 0.00	20.93 -0.67 0.00	23.69 -0.81 0.00	26.05 -1.03 0.00	27.95 -1.16 0.00	28.27 -1.21 0.00	29.55 -1.01 0.00	30.56 -1.37 0.00	30.42 -1.04 0.00	30.52 -1.17 0.00	31.56 -1.14 0.00	32.22 -1.45 0.00	35.60 -0.99 0.00	38.76 -0.83 0.00	37.87 -0.62 0.00	36.42 -0.93 0.00	33.32 -1.35 0.00	30.87 -1.32 0.00	26.87 -0.95 0.00	23.84 -0.64 0.00
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	26.84 1.99 -0.01	24.29 1.74 -0.01	23.43 1.61 -0.01	22.34 1.38 0.00	22.96 1.42 0.00	23.09 1.49 0.00	26.29 1.79 0.00	29.22 2.14 0.00	31.59 2.47 0.00	31.96 2.48 0.00	34.25 2.60 -1.09	36.97 2.91 -2.13	37.80 2.93 -3.41	38.61 3.17 -3.74	39.66 3.04 -3.91	40.69 3.20 -3.83	44.65 3.66 -4.40	48.53 4.12 -4.82	44.88 3.81 -2.58	42.84 3.62 -1.86	39.22 3.64 -0.91	35.45 3.25 -0.01	30.46 2.64 0.00	26.86 2.37 -0.01
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	27.16 2.31 -0.01	24.59 2.03 -0.01	23.70 1.88 -0.01	22.59 1.63 0.00	23.24 1.70 0.00	23.35 1.75 0.00	26.58 2.08 0.00	29.57 2.49 0.00	31.97 2.85 0.00	32.31 2.83 0.00	34.64 3.00 -1.09	37.39 3.32 -2.13	38.21 3.33 -3.41	39.02 3.58 -3.74	40.08 3.47 -3.91	41.16 3.67 -3.83	45.20 4.21 -4.40	49.12 4.71 -4.82	45.46 4.39 -2.58	43.44 4.22 -1.86	39.74 4.16 -0.91	35.90 3.70 -0.01	30.85 3.03 0.00	27.18 2.69 -0.01
PATROON__115KV_TB1 80586	25.59 0.75 0.00	23.27 0.72 0.00	22.57 0.76 0.00	21.69 0.73 0.00	22.31 0.78 0.00	22.38 0.78 0.00	25.26 0.76 0.00	27.92 0.84 0.00	30.05 0.93 0.00	30.48 1.00 0.00	31.63 1.07 0.00	33.05 1.12 0.00	32.47 1.01 0.00	32.71 1.01 0.00	33.72 1.01 0.00	34.61 0.94 0.00	37.28 1.21 0.52	41.37 1.35 -0.43	39.87 1.39 0.00	38.78 1.42 0.00	36.14 1.39 -0.08	33.38 1.19 0.00	28.71 0.89 0.00	25.31 0.83 0.00
PATTRSNVILLE___SOLAR 323815	26.11 1.27 0.00	23.63 1.08 0.00	22.86 1.05 0.00	21.96 1.01 0.00	22.59 1.05 0.00	22.66 1.06 0.00	25.77 1.27 0.00	28.46 1.38 0.00	30.60 1.48 0.00	31.01 1.53 0.00	32.06 1.50 0.00	33.53 1.60 0.00	33.00 1.54 0.00	33.25 1.55 0.00	34.27 1.57 0.00	35.31 1.65 0.00	38.06 1.83 0.36	42.09 2.14 -0.36	40.76 2.27 0.00	39.60 2.24 0.00	36.82 2.08 -0.07	33.99 1.80 0.00	29.32 1.50 0.00	25.77 1.30 0.00
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	25.32 0.47 0.00	22.73 0.18 0.00	21.70 -0.11 0.00	20.74 -0.21 0.00	21.58 0.04 0.00	21.89 0.28 0.00	24.92 0.42 0.00	27.40 0.32 0.00	29.43 0.32 0.00	29.69 0.21 0.00	31.08 0.52 0.00	32.19 0.26 0.00	32.09 0.63 0.00	32.30 0.60 0.00	33.33 0.62 0.00	34.07 0.40 0.00	37.65 1.06 0.00	40.94 1.35 0.00	39.87 1.39 0.00	38.37 1.01 0.00	35.12 0.45 0.00	32.51 0.32 0.00	28.21 0.39 0.00	25.01 0.54 0.00
PAWLING_115_KV_BK3_REV_LBMP_H 345028	26.68 1.84 0.00	24.15 1.60 0.00	23.27 1.46 0.00	22.34 1.38 0.00	22.96 1.42 0.00	23.09 1.49 0.00	26.26 1.76 0.00	29.22 2.14 0.00	31.53 2.42 0.00	31.93 2.45 0.00	33.57 2.63 -0.38	35.49 2.81 -0.75	35.52 2.86 -1.19	35.99 2.98 -1.31	37.21 3.14 -1.37	38.34 3.33 -1.34	42.10 3.84 -1.66	44.89 4.24 -1.06	43.40 4.00 -0.90	41.86 3.85 -0.65	38.33 3.47 -0.20	35.15 2.96 0.00	30.24 2.42 0.00	26.58 2.10 0.00
PEEKSKILL___ 23653	26.36 1.52 0.00	23.84 1.28 0.00	22.97 1.16 0.00	22.04 1.09 0.00	22.65 1.12 0.00	22.81 1.21 0.00	25.97 1.47 0.00	28.89 1.81 0.00	31.18 2.07 0.00	31.51 2.03 0.00	41.89 2.20 -9.13	52.34 2.46 -17.94	62.54 2.42 -28.65	65.64 2.54 -31.41	68.25 2.65 -32.90	68.64 2.76 -32.21	75.15 3.11 -35.45	45.06 3.60 -1.86	63.55 3.35 -21.71	56.24 3.21 -15.67	38.00 2.98 -0.35	34.70 2.51 0.00	29.93 2.11 0.00	26.29 1.81 0.00
PGE MADISON___WINDPWR 24146	26.86 2.01 0.00	24.20 1.65 0.00	23.34 1.53 0.00	22.38 1.43 0.00	23.22 1.68 0.00	23.35 1.75 0.00	26.83 2.33 0.00	29.84 2.76 0.00	31.88 2.77 0.00	32.31 2.83 0.00	33.32 2.75 0.00	34.71 2.78 0.00	34.17 2.71 0.00	34.23 2.54 0.00	35.26 2.55 0.00	36.49 2.83 0.00	39.81 3.22 0.00	43.11 3.72 0.21	42.34 3.85 0.00	41.17 3.81 0.00	38.24 3.61 0.04	35.21 3.02 0.00	30.41 2.59 0.00	26.60 2.13 0.00

PIERCEFIELD___HYD 23852	22.74 -1.17 0.94	21.56 -0.99 0.00	20.92 -0.89 0.00	20.07 -0.88 0.00	20.65 -0.88 0.00	20.72 -0.89 0.00	23.59 -0.91 0.00	26.16 -0.92 0.00	28.04 -1.08 0.00	28.21 -1.27 0.00	28.88 -1.68 0.00	30.21 -1.72 0.00	29.67 -1.79 0.00	25.47 -1.97 4.26	19.73 -1.93 11.05	19.79 -2.09 11.79	20.21 -2.31 14.07	20.46 -2.65 16.48	20.41 -2.77 15.31	31.76 -2.69 2.91	32.38 -2.29 0.00	30.23 -1.96 0.00	26.43 -1.39 0.00	23.35 -1.13 0.00
PINELAWN_CC_1 323563	30.59 2.58 -3.16	26.27 2.23 -1.49	25.62 2.09 -1.71	22.94 1.97 -0.02	23.61 2.07 -0.01	23.87 2.14 -0.13	27.18 2.55 -0.13	30.15 3.06 -0.01	32.08 2.97 0.00	32.49 3.01 0.00	34.67 3.03 -1.08	37.63 3.58 -2.12	38.47 3.62 -3.39	42.51 3.71 -7.10	42.12 3.92 -5.49	44.08 4.07 -6.34	53.09 4.50 -12.00	59.83 5.14 -15.09	57.89 4.89 -14.51	55.52 4.71 -13.45	42.95 4.30 -3.99	40.04 3.76 -4.09	31.15 3.31 -0.02	29.77 2.91 -2.38
PJM_GEN_HTP_PROXY 323702	26.63 1.79 0.00	24.06 1.51 0.00	23.21 1.40 0.00	22.25 1.30 0.00	22.73 1.31 0.12	23.13 1.40 -0.12	26.26 1.76 0.00	29.27 2.19 0.00	31.62 2.50 0.00	31.98 2.50 0.00	34.34 2.69 -1.09	37.04 2.97 -2.14	37.80 2.93 -3.41	38.48 3.04 -3.74	39.79 3.17 -3.92	40.76 3.26 -3.83	44.65 3.66 -4.40	48.69 4.28 -4.82	45.00 3.93 -2.58	42.96 3.74 -1.87	39.07 3.50 -0.90	35.21 3.02 0.00	30.35 2.53 0.00	26.68 2.20 0.00
PJM_GEN_KEystone 24065	25.54 0.69 0.00	23.02 0.47 0.00	22.09 0.28 0.00	21.18 0.23 0.00	21.74 0.32 0.12	22.20 0.47 -0.12	25.18 0.69 0.00	27.86 0.79 0.00	29.99 0.87 0.00	30.28 0.80 0.00	30.85 1.01 0.72	31.57 1.05 1.42	30.33 1.13 2.26	30.42 1.20 2.48	31.35 1.24 2.60	32.40 1.28 2.54	35.45 1.54 2.68	40.11 2.02 1.50	38.66 1.89 1.71	37.80 1.68 1.24	35.78 1.39 0.28	33.32 1.13 0.00	28.82 1.00 0.00	25.28 0.81 0.00
PJM_GEN_NEPTUNE_PROXY 323594	30.14 2.14 -3.16	25.89 1.85 -1.49	25.23 1.70 -1.71	22.58 1.61 -0.02	23.10 1.68 0.11	23.58 1.73 -0.25	26.74 2.11 -0.13	29.66 2.57 -0.01	31.68 2.56 0.00	32.07 2.59 0.00	34.24 2.60 -1.08	37.15 3.10 -2.12	37.97 3.12 -3.39	41.80 3.17 -6.93	41.30 3.30 -5.29	40.98 3.50 -3.82	44.88 3.92 -4.37	48.84 4.47 -4.78	45.29 4.23 -2.57	43.29 4.07 -1.86	39.56 3.75 -1.15	37.86 3.19 -2.48	30.64 2.81 -0.01	29.30 2.45 -2.38
PJM_GEN_VFT_PROXY 323633	26.56 1.71 0.00	23.97 1.42 0.00	23.10 1.29 0.00	22.15 1.19 0.00	22.64 1.23 0.12	23.04 1.32 -0.12	26.17 1.67 0.00	29.19 2.11 0.00	31.56 2.45 0.00	31.93 2.45 0.00	34.28 2.63 -1.09	36.97 2.91 -2.13	37.70 2.83 -3.41	38.35 2.91 -3.74	39.66 3.04 -3.91	40.66 3.16 -3.83	44.50 3.51 -4.40	48.53 4.12 -4.82	44.88 3.81 -2.58	42.81 3.59 -1.86	39.04 3.47 -0.90	35.21 3.02 0.00	30.30 2.48 0.00	26.63 2.15 0.00
PLATSBURG_115KV_PMLD1 355749	22.72 -0.94 1.18	21.81 -0.74 0.00	21.24 -0.57 0.00	20.41 -0.54 0.00	21.04 -0.50 0.00	21.15 -0.45 0.00	24.16 -0.34 0.00	26.70 -0.38 0.00	28.59 -0.52 0.00	28.89 -0.59 0.00	29.83 -0.73 0.00	31.14 -0.80 0.00	30.39 -1.07 0.00	25.23 -1.11 5.36	17.65 -1.18 13.88	17.68 -1.18 14.81	17.63 -1.28 17.68	17.63 -1.27 20.70	18.06 -1.19 19.23	33.18 -0.52 3.66	34.43 -0.24 0.00	31.96 -0.23 0.00	27.60 -0.22 0.00	24.18 -0.29 0.00
PLEASANTVLY___LBMP 24000	26.23 1.39 0.00	23.79 1.24 0.00	22.97 1.16 0.00	22.04 1.09 0.00	22.68 1.14 0.00	22.77 1.17 0.00	25.87 1.37 0.00	28.73 1.65 0.00	30.98 1.86 0.00	31.37 1.89 0.00	33.05 1.99 -0.50	35.09 2.17 -0.98	35.17 2.14 -1.57	35.67 2.25 -1.72	36.79 2.29 -1.80	37.82 2.39 -1.76	41.53 2.78 -2.16	43.69 3.09 -1.01	42.56 2.89 -1.19	41.05 2.84 -0.86	37.53 2.67 -0.19	34.47 2.29 0.00	29.71 1.89 0.00	26.16 1.69 0.00
PLSNTVLE_13_KV_13.8KVDIST 80602	26.51 1.66 0.00	24.02 1.47 0.00	23.16 1.35 0.00	22.23 1.28 0.00	22.85 1.31 0.00	22.97 1.36 0.00	26.14 1.64 0.00	29.11 2.03 0.00	31.41 2.30 0.00	31.81 2.33 0.00	33.85 2.45 -0.84	36.30 2.71 -1.66	36.81 2.71 -2.65	37.42 2.82 -2.90	38.65 2.91 -3.04	39.70 3.06 -2.97	43.56 3.51 -3.46	47.03 3.92 -3.52	44.15 3.66 -2.00	42.32 3.51 -1.45	38.62 3.29 -0.66	35.02 2.83 0.00	30.13 2.31 0.00	26.53 2.06 0.00
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	26.51 1.66 0.00	24.02 1.47 0.00	23.16 1.35 0.00	22.23 1.28 0.00	22.85 1.31 0.00	22.97 1.36 0.00	26.14 1.64 0.00	29.11 2.03 0.00	31.41 2.30 0.00	31.81 2.33 0.00	33.85 2.45 -0.84	36.30 2.71 -1.66	36.81 2.71 -2.65	37.42 2.82 -2.90	38.65 2.91 -3.04	39.70 3.06 -2.97	43.56 3.51 -3.46	47.03 3.92 -3.52	44.15 3.66 -2.00	42.32 3.51 -1.45	38.62 3.29 -0.66	35.02 2.83 0.00	30.13 2.31 0.00	26.53 2.06 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	26.48 1.64 0.00	23.99 1.44 0.00	23.14 1.33 0.00	22.23 1.28 0.00	22.85 1.31 0.00	22.94 1.34 0.00	26.09 1.59 0.00	28.97 1.90 0.00	31.24 2.13 0.00	31.60 2.12 0.00	32.83 2.26 0.00	34.39 2.46 0.00	33.92 2.45 0.00	34.26 2.57 0.00	35.35 2.65 0.00	36.46 2.79 0.00	40.04 3.26 -0.19	43.76 3.64 -0.53	41.91 3.43 0.00	40.72 3.36 0.00	37.89 3.12 -0.10	34.86 2.67 0.00	29.99 2.17 0.00	26.41 1.93 0.00
POLETTI____ 23519	26.61 1.76 0.00	24.08 1.53 0.00	23.21 1.40 0.00	22.25 1.30 0.00	22.89 1.36 0.00	23.03 1.43 0.00	26.24 1.74 0.00	29.24 2.17 0.00	31.59 2.47 0.00	31.96 2.48 0.00	34.25 2.60 -1.09	37.01 2.94 -2.13	37.80 2.93 -3.41	38.48 3.04 -3.74	39.73 3.11 -3.91	40.76 3.27 -3.83	44.72 3.73 -4.40	48.61 4.20 -4.82	44.96 3.89 -2.58	42.92 3.70 -1.86	39.11 3.54 -0.90	35.28 3.09 0.00	30.32 2.50 0.00	26.70 2.23 0.00
POMONA___ESR 323819	26.38 1.54 0.00	23.84 1.28 0.00	22.97 1.16 0.00	22.04 1.09 0.00	22.65 1.12 0.00	22.79 1.19 0.00	25.99 1.49 0.00	28.89 1.81 0.00	31.15 2.04 0.00	31.51 2.03 0.00	31.27 2.20 1.49	31.46 2.46 2.93	29.23 2.46 4.69	29.10 2.54 5.14	30.01 2.68 5.38	31.19 2.79 5.27	34.16 3.15 5.58	47.52 3.64 -4.28	38.33 3.39 3.55	38.04 3.25 2.56	38.49 3.01 -0.80	34.73 2.54 0.00	29.93 2.11 0.00	26.31 1.84 0.00
PORT_JEFF_3 23555	30.79 2.78 -3.16	26.45 2.41 -1.49	25.77 2.25 -1.71	23.08 2.12 -0.02	23.74 2.20 -0.01	24.02 2.29 -0.13	27.35 2.72 -0.13	30.31 3.22 -0.01	32.23 3.12 0.00	32.64 3.16 0.00	34.60 2.96 -1.08	37.63 3.58 -2.12	38.47 3.62 -3.39	44.61 3.64 -9.27	44.61 3.82 -8.08	76.58 3.97 -38.95	151.28 4.35 -110.34	192.72 4.99 -148.13	211.65 4.69 -168.47	204.89 4.56 -162.98	79.41 4.16 -40.58	60.69 3.60 -24.89	31.40 3.42 -0.16	30.03 3.16 -2.39
PORT_JEFF_4 23616	30.79 2.78 -3.16	26.45 2.41 -1.49	25.77 2.25 -1.71	23.08 2.12 -0.02	23.74 2.20 -0.01	24.02 2.29 -0.13	27.35 2.72 -0.13	30.31 3.22 -0.01	32.23 3.12 0.00	32.64 3.16 0.00	34.60 2.96 -1.08	37.63 3.58 -2.12	38.47 3.62 -3.39	44.61 3.64 -9.27	44.61 3.82 -8.08	76.58 3.97 -38.95	151.28 4.35 -110.34	192.72 4.99 -148.13	211.65 4.69 -168.47	204.89 4.56 -162.98	79.41 4.16 -40.58	60.69 3.60 -24.89	31.40 3.42 -0.16	30.03 3.16 -2.39

PORT_JEFF_IC 23713	30.79 2.78 -3.16	26.52 2.48 -1.49	25.84 2.31 -1.71	23.15 2.18 -0.02	23.82 2.28 0.00	24.09 2.35 -0.13	27.37 2.74 -0.13	30.35 3.28 0.00	32.29 3.17 0.00	32.69 3.21 0.00	34.67 3.03 -1.08	37.66 3.61 -2.12	38.59 3.74 -3.38	44.76 3.77 -9.29	44.73 3.92 -8.10	76.81 4.04 -39.11	151.93 4.54 -110.80	193.46 5.11 -148.76	212.45 4.77 -169.19	205.67 4.63 -163.68	79.63 4.20 -40.76	60.89 3.70 -25.00	31.51 3.53 -0.16	30.10 3.23 -2.39
PPL PILGRIM_ST_GT1 24216	30.79 2.78 -3.16	26.48 2.44 -1.49	25.79 2.27 -1.71	23.13 2.16 -0.02	23.78 2.24 -0.01	24.07 2.33 -0.13	27.40 2.77 -0.13	30.36 3.28 -0.01	32.29 3.17 0.00	32.69 3.21 0.00	34.85 3.21 -1.08	37.88 3.83 -2.12	38.72 3.87 -3.39	43.13 3.96 -7.47	42.86 4.22 -5.93	49.74 4.14 -11.94	69.86 4.39 -28.88	82.56 5.03 -37.94	84.17 4.73 -40.94	81.08 4.59 -39.13	49.17 4.23 -10.27	43.62 3.76 -7.66	31.31 3.45 -0.04	29.99 3.13 -2.38
PPL PILGRIM_ST_GT2 24217	30.79 2.78 -3.16	26.48 2.44 -1.49	25.79 2.27 -1.71	23.13 2.16 -0.02	23.78 2.24 -0.01	24.07 2.33 -0.13	27.40 2.77 -0.13	30.36 3.28 -0.01	32.29 3.17 0.00	32.69 3.21 0.00	34.85 3.21 -1.08	37.88 3.83 -2.12	38.72 3.87 -3.39	43.13 3.96 -7.47	42.86 4.22 -5.93	49.74 4.14 -11.94	69.86 4.39 -28.88	82.56 5.03 -37.94	84.17 4.73 -40.94	81.08 4.59 -39.13	49.17 4.23 -10.27	43.62 3.76 -7.66	31.31 3.45 -0.04	29.99 3.13 -2.38
PPL_SHRM_GT3 24213	30.71 2.71 -3.16	26.39 2.35 -1.49	25.71 2.18 -1.71	23.02 2.05 -0.02	23.68 2.13 -0.01	23.94 2.20 -0.13	27.25 2.62 -0.13	30.20 3.11 -0.01	32.20 3.08 0.00	32.64 3.16 0.00	34.73 3.09 -1.08	37.82 3.77 -2.12	38.66 3.81 -3.39	44.86 3.93 -9.23	44.99 4.25 -8.04	76.51 4.41 -38.43	150.20 4.83 -108.78	191.17 5.54 -146.03	209.71 5.19 -166.03	203.09 5.12 -160.61	79.32 4.65 -40.00	60.84 4.09 -24.56	31.48 3.51 -0.16	30.00 3.13 -2.39
PPL_SHRM_GT4 24214	30.71 2.71 -3.16	26.39 2.35 -1.49	25.71 2.18 -1.71	23.02 2.05 -0.02	23.68 2.13 -0.01	23.94 2.20 -0.13	27.25 2.62 -0.13	30.20 3.11 -0.01	32.20 3.08 0.00	32.64 3.16 0.00	34.73 3.09 -1.08	37.82 3.77 -2.12	38.66 3.81 -3.39	44.86 3.93 -9.23	44.99 4.25 -8.04	76.51 4.41 -38.43	150.20 4.83 -108.78	191.17 5.54 -146.03	209.71 5.19 -166.03	203.09 5.12 -160.61	79.32 4.65 -40.00	60.84 4.09 -24.56	31.48 3.51 -0.16	30.00 3.13 -2.39
PROJECT___ORANGE 1 24174	24.99 0.15 0.00	22.60 0.05 0.00	21.79 -0.02 0.00	20.91 -0.04 0.00	21.58 0.04 0.00	21.69 0.09 0.00	24.62 0.12 0.00	27.21 0.14 0.00	29.23 0.12 0.00	29.66 0.18 0.00	30.75 0.18 0.00	32.06 0.13 0.00	31.59 0.13 0.00	31.79 0.10 0.00	32.80 0.10 0.00	33.73 0.07 0.00	36.77 0.18 0.00	39.75 0.16 0.00	38.64 0.15 0.00	37.43 0.07 0.00	34.67 0.00 0.00	32.16 -0.03 0.00	27.85 0.03 0.00	24.45 -0.02 0.00
PROJECT___ORANGE 2 24166	24.99 0.15 0.00	22.60 0.05 0.00	21.79 -0.02 0.00	20.91 -0.04 0.00	21.58 0.04 0.00	21.69 0.09 0.00	24.62 0.12 0.00	27.21 0.14 0.00	29.23 0.12 0.00	29.66 0.18 0.00	30.75 0.18 0.00	32.06 0.13 0.00	31.59 0.13 0.00	31.79 0.10 0.00	32.80 0.10 0.00	33.73 0.07 0.00	36.77 0.18 0.00	39.75 0.16 0.00	38.64 0.15 0.00	37.43 0.07 0.00	34.67 0.00 0.00	32.16 -0.03 0.00	27.85 0.03 0.00	24.45 -0.02 0.00
PUCKETT___SOLAR 323809	25.74 0.89 0.00	23.23 0.68 0.00	22.38 0.57 0.00	21.48 0.52 0.00	22.20 0.67 0.00	22.32 0.71 0.00	25.45 0.95 0.00	28.16 1.08 0.00	30.19 1.08 0.00	30.54 1.06 0.00	31.63 1.07 0.00	32.96 1.02 0.00	32.50 1.04 0.00	32.68 0.98 0.00	33.72 1.01 0.00	34.74 1.08 0.00	37.87 1.28 0.00	41.08 1.66 0.18	40.22 1.73 0.00	39.04 1.68 0.00	36.13 1.49 0.03	33.41 1.22 0.00	28.90 1.08 0.00	25.31 0.83 0.00
PYRITES___HYD 24023	22.99 -0.89 0.96	21.81 -0.74 0.00	21.16 -0.65 0.00	20.32 -0.63 0.00	20.89 -0.65 0.00	20.98 -0.63 0.00	23.94 -0.56 0.00	26.56 -0.51 0.00	28.47 -0.64 0.00	28.68 -0.80 0.00	29.40 -1.16 0.00	30.72 -1.21 0.00	30.24 -1.23 0.00	25.95 -1.36 4.38	20.01 -1.34 11.35	20.10 -1.45 12.12	20.44 -1.68 14.47	20.56 -2.10 16.94	20.56 -2.19 15.74	32.20 -2.17 2.99	32.97 -1.70 0.00	30.71 -1.48 0.00	26.76 -1.06 0.00	23.59 -0.88 0.00
QUAKERRD_115KV_BK1 80622	24.45 -0.40 0.00	22.01 -0.54 0.00	21.16 -0.65 0.00	20.24 -0.71 0.00	20.98 -0.56 0.00	21.15 -0.45 0.00	24.03 -0.47 0.00	26.62 -0.46 0.00	28.59 -0.52 0.00	28.95 -0.53 0.00	30.14 -0.43 0.00	31.36 -0.57 0.00	31.05 -0.41 0.00	31.16 -0.54 0.00	32.21 -0.49 0.00	33.02 -0.64 0.00	36.15 -0.44 0.00	39.24 -0.36 0.00	38.22 -0.27 0.00	36.87 -0.49 0.00	33.98 -0.69 0.00	31.45 -0.74 0.00	27.21 -0.61 0.00	23.91 -0.56 0.00
QUENSBRY_115KV_TB8 356137	26.91 2.06 0.00	24.42 1.87 0.00	23.56 1.74 0.00	22.61 1.66 0.00	23.28 1.74 0.00	23.35 1.75 0.00	26.58 2.08 0.00	29.43 2.36 0.00	31.70 2.59 0.00	32.22 2.74 0.00	33.41 2.84 0.00	34.14 2.20 0.00	33.60 2.14 0.00	33.73 2.03 0.00	34.37 1.67 0.00	35.25 1.58 0.00	38.03 1.90 0.46	42.13 2.14 -0.40	41.22 2.73 0.00	40.05 2.69 0.00	37.38 2.63 -0.07	34.54 2.35 0.00	30.27 2.45 0.00	26.61 2.13 0.00
RAMAPO___LBMP 323565	26.21 1.37 0.00	23.75 1.20 0.00	22.90 1.09 0.00	21.98 1.03 0.00	22.59 1.06 0.00	22.73 1.12 0.00	25.87 1.37 0.00	28.76 1.68 0.00	31.01 1.89 0.00	31.37 1.89 0.00	30.89 1.99 1.66	30.91 2.24 3.26	28.53 2.27 5.20	28.37 2.38 5.70	29.18 2.45 5.97	30.41 2.59 5.85	33.37 3.00 6.22	39.11 3.37 3.85	37.66 3.12 3.94	37.50 2.99 2.85	36.72 2.77 0.72	34.57 2.38 0.00	29.80 1.98 0.00	26.21 1.74 0.00
RANKINE___ 23646	25.14 0.30 0.00	22.60 0.05 0.00	21.59 -0.22 0.00	20.62 -0.34 0.00	21.47 -0.06 0.00	21.76 0.15 0.00	24.72 0.22 0.00	27.24 0.16 0.00	29.23 0.12 0.00	29.51 0.03 0.00	30.87 0.31 0.00	31.93 0.00 0.00	31.84 0.38 0.00	31.98 0.29 0.00	33.03 0.33 0.00	33.73 0.07 0.00	37.25 0.66 0.00	40.54 0.95 0.00	39.53 1.04 0.00	38.03 0.67 0.00	34.84 0.17 0.00	32.25 0.06 0.00	28.04 0.22 0.00	24.82 0.34 0.00
RAVENSWOOD_GT2_1 24244	26.66 1.81 0.00	24.13 1.58 0.00	23.25 1.44 0.00	22.29 1.34 0.00	22.91 1.38 0.00	23.07 1.47 0.00	26.29 1.79 0.00	29.30 2.22 0.00	31.65 2.53 0.00	32.01 2.54 0.00	34.31 2.66 -1.09	37.04 2.97 -2.13	37.83 2.96 -3.41	38.54 3.11 -3.74	39.76 3.14 -3.91	40.83 3.33 -3.83	44.79 3.81 -4.40	48.69 4.28 -4.82	45.00 3.93 -2.58	42.99 3.77 -1.86	39.18 3.61 -0.90	35.31 3.12 0.00	30.38 2.56 0.00	26.75 2.28 0.00
RAVENSWOOD_GT2_2 24245	26.66 1.81 0.00	24.13 1.58 0.00	23.25 1.44 0.00	22.29 1.34 0.00	22.91 1.38 0.00	23.07 1.47 0.00	26.29 1.79 0.00	29.30 2.22 0.00	31.65 2.53 0.00	32.01 2.54 0.00	34.31 2.66 -1.09	37.04 2.97 -2.13	37.83 2.96 -3.41	38.54 3.11 -3.74	39.76 3.14 -3.91	40.83 3.33 -3.83	44.79 3.81 -4.40	48.69 4.28 -4.82	45.00 3.93 -2.58	42.99 3.77 -1.86	39.18 3.61 -0.90	35.31 3.12 0.00	30.38 2.56 0.00	26.75 2.28 0.00

RAVENSWOOD_GT2_3 24246	26.66 1.81 0.00	24.15 1.60 0.00	23.27 1.46 0.00	22.32 1.36 0.00	22.93 1.40 0.00	23.07 1.47 0.00	26.29 1.79 0.00	29.33 2.25 0.00	31.68 2.56 0.00	32.04 2.56 0.00	34.34 2.69 -1.09	37.07 3.00 -2.13	37.86 2.99 -3.41	38.57 3.14 -3.74	39.79 3.17 -3.91	40.83 3.33 -3.83	44.79 3.81 -4.40	48.69 4.28 -4.82	45.04 3.96 -2.58	42.99 3.77 -1.86	39.21 3.64 -0.90	35.34 3.15 0.00	30.41 2.59 0.00	26.75 2.28 0.00
RAVENSWOOD_GT2_4 24247	26.66 1.81 0.00	24.15 1.60 0.00	23.27 1.46 0.00	22.32 1.36 0.00	22.93 1.40 0.00	23.07 1.47 0.00	26.29 1.79 0.00	29.33 2.25 0.00	31.68 2.56 0.00	32.04 2.56 0.00	34.34 2.69 -1.09	37.07 3.00 -2.13	37.86 2.99 -3.41	38.57 3.14 -3.74	39.79 3.17 -3.91	40.83 3.33 -3.83	44.79 3.81 -4.40	48.69 4.28 -4.82	45.04 3.96 -2.58	42.99 3.77 -1.86	39.21 3.64 -0.90	35.34 3.15 0.00	30.41 2.59 0.00	26.75 2.28 0.00
RAVENSWOOD_GT3_1 24248	26.66 1.81 0.00	24.13 1.58 0.00	23.25 1.44 0.00	22.29 1.34 0.00	22.91 1.38 0.00	23.05 1.45 0.00	26.26 1.76 0.00	29.30 2.22 0.00	31.65 2.53 0.00	32.01 2.54 0.00	34.31 2.66 -1.09	37.04 2.97 -2.13	37.83 2.96 -3.41	38.54 3.11 -3.74	39.79 3.17 -3.91	40.83 3.33 -3.83	44.79 3.81 -4.40	48.69 4.28 -4.82	45.00 3.93 -2.58	42.99 3.77 -1.86	39.18 3.61 -0.90	35.31 3.12 0.00	30.38 2.56 0.00	26.75 2.28 0.00
RAVENSWOOD_GT3_2 24249	26.66 1.81 0.00	24.13 1.58 0.00	23.25 1.44 0.00	22.29 1.34 0.00	22.91 1.38 0.00	23.05 1.45 0.00	26.26 1.76 0.00	29.30 2.22 0.00	31.65 2.53 0.00	32.01 2.54 0.00	34.31 2.66 -1.09	37.04 2.97 -2.13	37.83 2.96 -3.41	38.54 3.11 -3.74	39.79 3.17 -3.91	40.83 3.33 -3.83	44.79 3.81 -4.40	48.69 4.28 -4.82	45.00 3.93 -2.58	42.99 3.77 -1.86	39.18 3.61 -0.90	35.31 3.12 0.00	30.38 2.56 0.00	26.75 2.28 0.00
RAVENSWOOD_GT3_3 24250	26.68 1.84 0.00	24.15 1.60 0.00	23.29 1.48 0.00	22.32 1.36 0.00	22.96 1.42 0.00	23.09 1.49 0.00	26.31 1.81 0.00	29.35 2.27 0.00	31.70 2.59 0.00	32.07 2.59 0.00	34.37 2.72 -1.09	37.10 3.03 -2.13	37.89 3.02 -3.41	38.60 3.17 -3.74	39.82 3.21 -3.91	40.90 3.40 -3.83	44.87 3.88 -4.40	48.77 4.36 -4.82	45.11 4.04 -2.58	43.07 3.85 -1.86	39.25 3.67 -0.90	35.38 3.19 0.00	30.44 2.62 0.00	26.78 2.30 0.00
RAVENSWOOD_GT3_4 24251	26.68 1.84 0.00	24.15 1.60 0.00	23.29 1.48 0.00	22.32 1.36 0.00	22.96 1.42 0.00	23.09 1.49 0.00	26.31 1.81 0.00	29.35 2.27 0.00	31.70 2.59 0.00	32.07 2.59 0.00	34.37 2.72 -1.09	37.10 3.03 -2.13	37.89 3.02 -3.41	38.60 3.17 -3.74	39.82 3.21 -3.91	40.90 3.40 -3.83	44.87 3.88 -4.40	48.77 4.36 -4.82	45.11 4.04 -2.58	43.07 3.85 -1.86	39.25 3.67 -0.90	35.38 3.19 0.00	30.44 2.62 0.00	26.78 2.30 0.00
RAVENSWOOD_GT_1 23729	26.79 1.94 -0.01	24.25 1.69 -0.01	23.37 1.55 -0.01	22.36 1.40 0.00	23.00 1.46 0.00	23.12 1.51 0.00	26.36 1.86 0.00	29.38 2.30 0.00	31.76 2.65 0.00	32.13 2.65 0.00	34.43 2.78 -1.09	37.17 3.10 -2.13	37.98 3.11 -3.41	38.71 3.26 -3.74	39.86 3.24 -3.91	40.93 3.43 -3.83	44.90 3.92 -4.40	48.77 4.36 -4.82	45.11 4.04 -2.58	43.07 3.85 -1.86	39.47 3.78 -1.02	35.50 3.28 -0.02	30.52 2.70 0.00	26.88 2.40 -0.01
RAVENSWOOD_GT_10 24258	26.66 1.81 0.00	24.13 1.58 0.00	23.25 1.44 0.00	22.29 1.34 0.00	22.91 1.38 0.00	23.07 1.47 0.00	26.29 1.79 0.00	29.30 2.22 0.00	31.65 2.53 0.00	32.01 2.54 0.00	34.31 2.66 -1.09	37.04 2.97 -2.13	37.83 2.96 -3.41	38.54 3.11 -3.73	39.79 3.17 -3.91	40.83 3.33 -3.83	44.79 3.81 -4.40	48.69 4.28 -4.82	45.04 3.96 -2.58	42.99 3.77 -1.86	39.18 3.61 -0.90	35.31 3.12 0.00	30.38 2.56 0.00	26.75 2.28 0.00
RAVENSWOOD_GT_11 24259	26.66 1.81 0.00	24.13 1.58 0.00	23.25 1.44 0.00	22.29 1.34 0.00	22.91 1.38 0.00	23.07 1.47 0.00	26.29 1.79 0.00	29.30 2.22 0.00	31.65 2.53 0.00	32.01 2.54 0.00	34.31 2.66 -1.09	37.04 2.97 -2.13	37.83 2.96 -3.41	38.54 3.11 -3.73	39.79 3.17 -3.91	40.83 3.33 -3.83	44.79 3.81 -4.40	48.69 4.28 -4.82	45.04 3.96 -2.58	42.99 3.77 -1.86	39.18 3.61 -0.90	35.31 3.12 0.00	30.38 2.56 0.00	26.75 2.28 0.00
RAVENSWOOD_GT_4 24252	26.63 1.79 0.01	24.10 1.56 0.01	23.22 1.42 0.01	22.29 1.34 0.00	22.91 1.38 0.00	23.05 1.45 0.00	26.26 1.76 0.00	29.30 2.22 0.00	31.65 2.53 0.00	32.01 2.54 0.00	34.31 2.66 -1.09	37.04 2.97 -2.13	37.83 2.96 -3.41	38.50 3.07 -3.73	39.76 3.14 -3.91	40.79 3.30 -3.83	44.76 3.77 -4.40	48.65 4.24 -4.82	45.00 3.93 -2.58	42.99 3.77 -1.86	39.22 3.57 -0.98	35.29 3.09 -0.01	30.35 2.53 0.00	26.72 2.25 0.01
RAVENSWOOD_GT_5 24254	26.63 1.79 0.01	24.10 1.56 0.01	23.22 1.42 0.01	22.29 1.34 0.00	22.91 1.38 0.00	23.05 1.45 0.00	26.26 1.76 0.00	29.30 2.22 0.00	31.65 2.53 0.00	32.01 2.54 0.00	34.31 2.66 -1.09	37.04 2.97 -2.13	37.83 2.96 -3.41	38.50 3.07 -3.73	39.76 3.14 -3.91	40.79 3.30 -3.83	44.76 3.77 -4.40	48.65 4.24 -4.82	45.00 3.93 -2.58	42.99 3.77 -1.86	39.22 3.57 -0.98	35.29 3.09 -0.01	30.35 2.53 0.00	26.72 2.25 0.01
RAVENSWOOD_GT_6 24253	26.63 1.79 0.01	24.10 1.56 0.01	23.22 1.42 0.01	22.29 1.34 0.00	22.91 1.38 0.00	23.05 1.45 0.00	26.26 1.76 0.00	29.30 2.22 0.00	31.65 2.53 0.00	32.01 2.54 0.00	34.31 2.66 -1.09	37.04 2.97 -2.13	37.83 2.96 -3.41	38.50 3.07 -3.73	39.76 3.14 -3.91	40.79 3.30 -3.83	44.76 3.77 -4.40	48.65 4.24 -4.82	45.00 3.93 -2.58	42.99 3.77 -1.86	39.22 3.57 -0.98	35.29 3.09 -0.01	30.35 2.53 0.00	26.72 2.25 0.01
RAVENSWOOD_GT_7 24255	26.63 1.79 0.01	24.10 1.56 0.01	23.22 1.42 0.01	22.29 1.34 0.00	22.91 1.38 0.00	23.05 1.45 0.00	26.26 1.76 0.00	29.30 2.22 0.00	31.65 2.53 0.00	32.01 2.54 0.00	34.31 2.66 -1.09	37.04 2.97 -2.13	37.83 2.96 -3.41	38.50 3.07 -3.73	39.76 3.14 -3.91	40.79 3.30 -3.83	44.76 3.77 -4.40	48.65 4.24 -4.82	45.00 3.93 -2.58	42.99 3.77 -1.86	39.22 3.57 -0.98	35.29 3.09 -0.01	30.35 2.53 0.00	26.72 2.25 0.01
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	26.66 1.81 0.00	24.13 1.58 0.00	23.25 1.44 0.00	22.29 1.34 0.00	22.91 1.38 0.00	23.07 1.47 0.00	26.29 1.79 0.00	29.30 2.22 0.00	31.65 2.53 0.00	32.01 2.54 0.00	34.31 2.66 -1.09	37.04 2.97 -2.13	37.83 2.96 -3.41	38.54 3.11 -3.73	39.79 3.17 -3.91	40.83 3.33 -3.83	44.79 3.81 -4.40	48.69 4.28 -4.82	45.04 3.96 -2.58	42.99 3.77 -1.86	39.18 3.61 -0.90	35.31 3.12 0.00	30.38 2.56 0.00	26.75 2.28 0.00
RAVENSWOOD_GT_9 24257	26.66 1.81 0.00	24.13 1.58 0.00	23.25 1.44 0.00	22.29 1.34 0.00	22.91 1.38 0.00	23.07 1.47 0.00	26.29 1.79 0.00	29.30 2.22 0.00	31.65 2.53 0.00	32.01 2.54 0.00	34.31 2.66 -1.09	37.04 2.97 -2.13	37.83 2.96 -3.41	38.54 3.11 -3.73	39.79 3.17 -3.91	40.83 3.33 -3.83	44.79 3.81 -4.40	48.69 4.28 -4.82	45.04 3.96 -2.58	42.99 3.77 -1.86	39.18 3.61 -0.90	35.31 3.12 0.00	30.38 2.56 0.00	26.75 2.28 0.00

RAVENSWOOD___1 23533	26.81 1.96 -0.01	24.20 1.65 -0.01	23.32 1.50 -0.01	22.31 1.36 0.00	22.93 1.40 0.00	23.07 1.47 0.00	26.34 1.84 0.00	29.35 2.27 0.00	31.73 2.62 0.00	32.10 2.62 0.00	34.46 2.81 -1.09	37.17 3.10 -2.13	37.96 3.09 -3.41	38.61 3.17 -3.74	39.79 3.17 -3.91	40.86 3.37 -3.83	44.76 3.77 -4.40	48.80 4.39 -4.82	45.11 4.04 -2.58	43.03 3.81 -1.86	39.32 3.75 -0.91	35.45 3.25 -0.01	30.49 2.67 0.00	26.83 2.35 -0.01
RAVENSWOOD___2 23534	26.79 1.94 -0.01	24.20 1.65 -0.01	23.32 1.50 -0.01	22.31 1.36 0.00	22.93 1.40 0.00	23.07 1.47 0.00	26.31 1.81 0.00	29.35 2.27 0.00	31.73 2.62 0.00	32.10 2.62 0.00	34.46 2.81 -1.09	37.17 3.10 -2.13	37.96 3.09 -3.41	38.61 3.17 -3.74	39.79 3.17 -3.91	40.86 3.37 -3.83	44.72 3.73 -4.40	48.77 4.36 -4.82	45.07 4.00 -2.58	43.03 3.81 -1.86	39.32 3.75 -0.91	35.45 3.25 -0.01	30.49 2.67 0.00	26.81 2.33 -0.01
RAVENSWOOD___3 23535	26.68 1.84 0.00	24.11 1.55 0.00	23.23 1.42 0.00	22.27 1.32 0.00	22.89 1.36 0.00	23.03 1.43 0.00	26.29 1.79 0.00	29.30 2.22 0.00	31.65 2.53 0.00	32.02 2.54 0.00	34.37 2.72 -1.09	37.07 3.00 -2.13	37.83 2.96 -3.41	38.51 3.07 -3.74	39.79 3.17 -3.91	40.80 3.30 -3.83	44.68 3.69 -4.40	48.69 4.28 -4.82	45.04 3.97 -2.58	42.99 3.77 -1.86	39.18 3.61 -0.90	35.28 3.09 0.00	30.38 2.56 0.00	26.70 2.23 0.00
RAVENSWOOD___4 23820	26.79 1.94 -0.01	24.18 1.62 -0.01	23.32 1.50 -0.01	22.30 1.34 0.00	22.91 1.38 0.00	23.07 1.47 0.00	26.31 1.81 0.00	29.32 2.25 0.00	31.70 2.59 0.00	32.07 2.59 0.00	34.46 2.81 -1.09	37.17 3.10 -2.13	37.92 3.05 -3.41	38.58 3.14 -3.74	39.79 3.17 -3.91	40.86 3.37 -3.83	44.72 3.73 -4.40	48.77 4.36 -4.82	45.07 4.00 -2.58	43.03 3.81 -1.86	39.18 3.71 -0.80	35.40 3.22 0.01	30.46 2.64 0.00	26.81 2.33 -0.01
RCPL_TRUST___DRP 24196	26.66 1.81 0.00	24.13 1.58 0.00	23.27 1.46 0.00	22.32 1.36 0.00	22.93 1.40 0.00	23.07 1.47 0.00	26.31 1.81 0.00	29.35 2.27 0.00	31.70 2.59 0.00	32.07 2.59 0.00	34.37 2.72 -1.09	37.10 3.03 -2.14	37.89 3.02 -3.41	38.57 3.14 -3.74	39.86 3.24 -3.92	40.90 3.40 -3.83	44.87 3.88 -4.40	48.77 4.36 -4.82	45.11 4.04 -2.58	43.07 3.85 -1.87	39.14 3.57 -0.90	35.31 3.12 0.00	30.38 2.56 0.00	26.75 2.28 0.00
RED___ROCHESTER 323720	25.27 0.42 0.00	22.69 0.14 0.00	21.72 -0.09 0.00	20.79 -0.17 0.00	21.58 0.04 0.00	21.78 0.17 0.00	24.77 0.27 0.00	27.46 0.38 0.00	29.49 0.38 0.00	29.86 0.38 0.00	31.21 0.64 0.00	32.41 0.48 0.00	32.12 0.66 0.00	32.30 0.60 0.00	33.26 0.56 0.00	34.14 0.47 0.00	37.21 0.62 0.00	40.62 1.03 0.00	39.53 1.04 0.00	38.06 0.71 0.00	35.05 0.38 0.00	32.42 0.23 0.00	28.07 0.25 0.00	24.50 0.02 0.00
REGAN___SOLAR 323812	28.02 3.18 0.00	25.32 2.77 0.00	24.41 2.59 0.00	23.42 2.47 0.00	24.16 2.63 0.00	24.26 2.66 0.00	27.81 3.31 0.00	31.00 3.93 0.00	33.28 4.16 0.00	33.73 4.25 0.00	34.87 4.31 0.00	36.47 4.53 0.00	35.87 4.40 0.00	35.95 4.25 0.00	37.12 4.41 0.00	38.34 4.68 0.00	41.68 5.38 0.29	45.98 6.14 -0.25	45.34 6.85 0.00	43.78 6.43 0.00	40.54 5.82 -0.05	37.18 4.99 0.00	31.80 3.98 0.00	27.88 3.40 0.00
RENSSELAER___COGEN 23796	25.47 0.62 0.00	23.11 0.56 0.00	22.44 0.63 0.00	21.58 0.63 0.00	22.18 0.65 0.00	22.25 0.65 0.00	25.11 0.61 0.00	27.76 0.68 0.00	29.87 0.76 0.00	30.28 0.80 0.00	31.42 0.85 0.00	32.83 0.89 0.00	32.25 0.79 0.00	32.49 0.79 0.00	33.49 0.78 0.00	34.44 0.77 0.00	36.95 0.88 0.52	41.13 1.11 -0.43	39.61 1.12 0.00	38.59 1.23 0.00	35.93 1.18 -0.08	33.15 0.96 0.00	28.57 0.75 0.00	25.14 0.66 0.00
REPUBLIC_115KV_BARTNBK 55605	28.35 3.50 0.00	25.66 3.11 0.00	24.71 2.90 0.00	23.72 2.77 0.00	24.42 2.89 0.00	24.52 2.92 0.00	28.05 3.55 0.00	31.06 3.98 0.00	33.48 4.37 0.00	34.08 4.60 0.00	35.30 4.74 0.00	36.25 4.31 0.00	35.68 4.22 0.00	35.72 4.03 0.00	36.40 3.70 0.00	37.20 3.53 0.00	40.37 4.24 0.47	44.63 4.63 -0.40	43.88 5.39 0.00	42.47 5.12 0.00	39.60 4.85 -0.07	36.60 4.41 0.00	31.80 3.98 0.00	27.93 3.45 0.00
REVERE_CPPR_DRP 24186	26.05 1.24 0.03	23.52 0.97 0.00	22.73 0.92 0.00	21.77 0.82 0.00	22.53 0.99 0.00	22.62 1.02 0.00	25.80 1.30 0.00	28.59 1.52 0.00	30.69 1.57 0.00	31.10 1.62 0.00	32.15 1.59 0.00	33.56 1.63 0.00	33.04 1.57 0.00	32.97 1.43 0.15	33.85 1.54 0.39	34.86 1.62 0.42	37.96 1.87 0.50	41.03 2.02 0.58	39.99 2.04 0.54	39.23 1.98 0.10	36.61 1.94 0.00	33.80 1.61 0.00	29.16 1.34 0.00	25.60 1.13 0.00
REYNOLDS_115KV_TB3 80639	25.69 0.84 0.00	23.43 0.88 0.00	22.68 0.87 0.00	21.81 0.86 0.00	22.42 0.88 0.00	22.53 0.93 0.00	25.38 0.88 0.00	28.00 0.92 0.00	30.16 1.05 0.00	30.60 1.12 0.00	31.76 1.19 0.00	33.12 1.18 0.00	32.50 1.04 0.00	32.78 1.08 0.00	33.75 1.05 0.00	34.61 0.94 0.00	37.12 1.17 0.64	41.35 1.31 -0.45	39.80 1.31 0.00	38.81 1.46 0.00	36.21 1.46 -0.08	33.44 1.26 0.00	28.79 0.97 0.00	25.41 0.93 0.00
RIVERBAY____ 323610	27.16 2.31 -0.01	24.59 2.03 -0.01	23.70 1.88 -0.01	22.59 1.63 0.00	23.24 1.70 0.00	23.35 1.75 0.00	26.58 2.08 0.00	29.57 2.49 0.00	31.97 2.85 0.00	32.31 2.83 0.00	34.64 3.00 -1.09	37.39 3.32 -2.13	38.21 3.33 -3.41	39.02 3.58 -3.74	40.08 3.47 -3.91	41.16 3.67 -3.83	45.20 4.21 -4.40	49.12 4.71 -4.82	45.46 4.39 -2.58	43.44 4.22 -1.86	39.74 4.16 -0.91	35.90 3.70 -0.01	30.85 3.03 0.00	27.18 2.69 -0.01
RIVERSDE_115KV_TB3 55908	25.59 0.75 0.00	23.32 0.77 0.00	22.60 0.79 0.00	21.71 0.75 0.00	22.31 0.78 0.00	22.43 0.82 0.00	25.26 0.76 0.00	27.92 0.84 0.00	30.07 0.96 0.00	30.48 1.00 0.00	31.63 1.07 0.00	33.02 1.09 0.00	32.44 0.98 0.00	32.68 0.98 0.00	33.65 0.95 0.00	34.54 0.88 0.00	37.15 1.13 0.58	41.30 1.27 -0.44	39.76 1.27 0.00	38.74 1.38 0.00	36.10 1.35 -0.08	33.35 1.16 0.00	28.71 0.89 0.00	25.31 0.83 0.00
ROARING___BROOK_WT_PWR 323790	21.96 -1.04 1.85	21.67 -0.88 0.00	20.98 -0.83 0.00	20.16 -0.80 0.00	20.72 -0.82 0.00	20.85 -0.76 0.00	23.67 -0.83 0.00	26.19 -0.89 0.00	28.15 -0.96 0.00	28.54 -0.94 0.00	29.56 -1.01 0.00	30.88 -1.05 0.00	30.30 -1.16 0.00	21.96 -1.33 8.41	9.48 -1.44 21.79	8.96 -1.45 23.25	7.22 -1.61 27.76	5.38 -1.70 32.51	6.74 -1.54 30.20	30.19 -1.42 5.74	33.35 -1.32 0.00	31.00 -1.19 0.00	26.79 -1.03 0.00	23.64 -0.83 0.00
ROCHESRG_115KV_T4 355643	24.92 0.07 0.00	22.44 -0.11 0.00	21.53 -0.28 0.00	20.58 -0.38 0.00	21.36 -0.17 0.00	21.54 -0.06 0.00	24.50 0.00 0.00	27.11 0.03 0.00	29.08 -0.03 0.00	29.42 -0.06 0.00	30.69 0.12 0.00	31.90 -0.03 0.00	31.62 0.16 0.00	31.73 0.03 0.00	32.80 0.10 0.00	33.63 -0.03 0.00	36.88 0.29 0.00	40.07 0.48 0.00	39.03 0.54 0.00	37.62 0.26 0.00	34.60 -0.07 0.00	32.06 -0.13 0.00	27.74 -0.08 0.00	24.40 -0.07 0.00

ROCHESTER_9_IC 23652	25.09 0.25 0.00	22.57 0.02 0.00	21.64 -0.17 0.00	20.70 -0.25 0.00	21.47 -0.06 0.00	21.67 0.06 0.00	24.65 0.15 0.00	27.29 0.22 0.00	29.32 0.20 0.00	29.66 0.18 0.00	30.93 0.37 0.00	32.16 0.22 0.00	31.87 0.41 0.00	31.98 0.29 0.00	33.06 0.36 0.00	33.90 0.24 0.00	37.18 0.59 0.00	40.39 0.79 0.00	39.34 0.85 0.00	37.92 0.56 0.00	34.88 0.21 0.00	32.29 0.10 0.00	27.93 0.11 0.00	24.55 0.07 0.00
ROCKVIEW_13_KV_LD 356306	26.66 1.81 0.00	24.13 1.58 0.00	23.27 1.46 0.00	22.34 1.38 0.00	22.96 1.42 0.00	23.09 1.49 0.00	26.31 1.81 0.00	29.33 2.25 0.00	31.65 2.53 0.00	32.01 2.54 0.00	34.34 2.69 -1.08	37.04 2.97 -2.13	37.86 2.99 -3.40	38.54 3.11 -3.73	39.82 3.21 -3.91	40.86 3.37 -3.83	44.83 3.84 -4.39	48.72 4.32 -4.81	45.11 4.04 -2.58	43.10 3.89 -1.86	39.18 3.61 -0.90	35.31 3.12 0.00	30.35 2.53 0.00	26.73 2.25 0.00
ROME____115KV_TB2 80656	26.05 1.24 0.03	23.52 0.97 0.00	22.73 0.92 0.00	21.77 0.82 0.00	22.53 0.99 0.00	22.62 1.02 0.00	25.80 1.30 0.00	28.59 1.52 0.00	30.69 1.57 0.00	31.10 1.62 0.00	32.15 1.59 0.00	33.56 1.63 0.00	33.04 1.57 0.00	32.97 1.43 0.15	33.85 1.54 0.39	34.86 1.62 0.42	37.96 1.87 0.50	41.03 2.02 0.58	39.99 2.04 0.54	39.23 1.98 0.10	36.61 1.94 0.00	33.80 1.61 0.00	29.16 1.34 0.00	25.60 1.13 0.00
ROSETON____1 23587	26.21 1.37 0.00	23.70 1.15 0.00	22.88 1.07 0.00	21.98 1.03 0.00	22.59 1.05 0.00	22.68 1.08 0.00	25.80 1.30 0.00	28.68 1.60 0.00	30.92 1.81 0.00	31.25 1.77 0.00	32.46 1.90 0.00	34.01 2.07 0.00	33.51 2.04 0.00	33.82 2.12 0.00	34.93 2.23 0.00	35.95 2.29 0.00	39.34 2.56 -0.19	42.92 3.01 -0.32	41.30 2.81 0.00	40.08 2.73 0.00	37.26 2.53 -0.06	34.35 2.16 0.00	29.66 1.84 0.00	26.07 1.59 0.00
ROSETON____2 23588	26.21 1.37 0.00	23.70 1.15 0.00	22.88 1.07 0.00	21.98 1.03 0.00	22.59 1.05 0.00	22.68 1.08 0.00	25.80 1.30 0.00	28.68 1.60 0.00	30.92 1.81 0.00	31.25 1.77 0.00	32.46 1.90 0.00	34.01 2.07 0.00	33.51 2.04 0.00	33.82 2.12 0.00	34.93 2.23 0.00	35.95 2.29 0.00	39.34 2.56 -0.19	42.92 3.01 -0.32	41.30 2.81 0.00	40.08 2.73 0.00	37.26 2.53 -0.06	34.35 2.16 0.00	29.66 1.84 0.00	26.07 1.59 0.00
ROTTDAM_115KV_TB3 80664	25.79 0.94 0.00	23.41 0.86 0.00	22.64 0.83 0.00	21.75 0.80 0.00	22.37 0.84 0.00	22.45 0.84 0.00	25.46 0.96 0.00	28.16 1.08 0.00	30.31 1.19 0.00	30.72 1.24 0.00	31.85 1.28 0.00	33.21 1.28 0.00	32.72 1.26 0.00	32.97 1.27 0.00	33.95 1.24 0.00	34.91 1.25 0.00	37.72 1.50 0.37	41.63 1.66 -0.38	40.22 1.73 0.00	39.08 1.72 0.00	36.37 1.63 -0.07	33.61 1.42 0.00	29.02 1.20 0.00	25.53 1.05 0.00
RUSSELL____1 23602	25.22 0.37 0.00	22.69 0.14 0.00	21.75 -0.07 0.00	20.79 -0.17 0.00	21.58 0.04 0.00	21.78 0.17 0.00	24.77 0.27 0.00	27.46 0.38 0.00	29.49 0.38 0.00	29.86 0.38 0.00	31.14 0.58 0.00	32.38 0.45 0.00	32.12 0.66 0.00	32.24 0.54 0.00	33.33 0.62 0.00	34.14 0.47 0.00	37.43 0.84 0.00	40.66 1.07 0.00	39.64 1.15 0.00	38.14 0.78 0.00	35.09 0.42 0.00	32.48 0.29 0.00	28.07 0.25 0.00	24.67 0.20 0.00
RUSSELL____2 23532	25.22 0.37 0.00	22.69 0.14 0.00	21.75 -0.07 0.00	20.79 -0.17 0.00	21.58 0.04 0.00	21.78 0.17 0.00	24.77 0.27 0.00	27.46 0.38 0.00	29.49 0.38 0.00	29.86 0.38 0.00	31.14 0.58 0.00	32.38 0.45 0.00	32.12 0.66 0.00	32.24 0.54 0.00	33.33 0.62 0.00	34.14 0.47 0.00	37.43 0.84 0.00	40.66 1.07 0.00	39.64 1.15 0.00	38.14 0.78 0.00	35.09 0.42 0.00	32.48 0.29 0.00	28.07 0.25 0.00	24.67 0.20 0.00
RUSSELL____3 23549	25.22 0.37 0.00	22.69 0.14 0.00	21.75 -0.07 0.00	20.79 -0.17 0.00	21.58 0.04 0.00	21.78 0.17 0.00	24.77 0.27 0.00	27.46 0.38 0.00	29.49 0.38 0.00	29.86 0.38 0.00	31.14 0.58 0.00	32.38 0.45 0.00	32.12 0.66 0.00	32.24 0.54 0.00	33.33 0.62 0.00	34.14 0.47 0.00	37.43 0.84 0.00	40.66 1.07 0.00	39.64 1.15 0.00	38.14 0.78 0.00	35.09 0.42 0.00	32.48 0.29 0.00	28.07 0.25 0.00	24.67 0.20 0.00
RUSSELL____4 23556	25.22 0.37 0.00	22.69 0.14 0.00	21.75 -0.07 0.00	20.79 -0.17 0.00	21.58 0.04 0.00	21.78 0.17 0.00	24.77 0.27 0.00	27.46 0.38 0.00	29.49 0.38 0.00	29.86 0.38 0.00	31.14 0.58 0.00	32.38 0.45 0.00	32.12 0.66 0.00	32.24 0.54 0.00	33.33 0.62 0.00	34.14 0.47 0.00	37.43 0.84 0.00	40.66 1.07 0.00	39.64 1.15 0.00	38.14 0.78 0.00	35.09 0.42 0.00	32.48 0.29 0.00	28.07 0.25 0.00	24.67 0.20 0.00
RUSSELL____STATION 23914	25.22 0.37 0.00	22.69 0.14 0.00	21.75 -0.07 0.00	20.79 -0.17 0.00	21.58 0.04 0.00	21.78 0.17 0.00	24.77 0.27 0.00	27.46 0.38 0.00	29.49 0.38 0.00	29.86 0.38 0.00	31.14 0.58 0.00	32.38 0.45 0.00	32.12 0.66 0.00	32.24 0.54 0.00	33.33 0.62 0.00	34.14 0.47 0.00	37.43 0.84 0.00	40.66 1.07 0.00	39.64 1.15 0.00	38.14 0.78 0.00	35.09 0.42 0.00	32.48 0.29 0.00	28.07 0.25 0.00	24.67 0.20 0.00
S SALMON____HYD 24043	24.91 0.15 0.09	22.53 -0.02 0.00	21.75 -0.07 0.00	20.87 -0.08 0.00	21.58 0.04 0.00	21.67 0.07 0.00	24.67 0.17 0.00	27.21 0.14 0.00	29.17 0.06 0.00	29.54 0.06 0.00	30.53 -0.03 0.00	31.87 -0.06 0.00	31.43 -0.03 0.00	31.18 -0.13 0.39	31.63 -0.07 1.01	32.52 -0.07 1.07	35.06 -0.25 1.28	37.98 -0.12 1.50	37.06 -0.04 1.39	37.09 0.00 0.26	34.67 0.00 0.00	32.06 -0.13 0.00	27.82 0.00 0.00	24.38 -0.10 0.00
S.PERRY__115KV_TB1 80734	25.89 1.04 0.00	23.23 0.68 0.00	22.27 0.46 0.00	21.29 0.34 0.00	22.16 0.62 0.00	22.40 0.80 0.00	25.55 1.05 0.00	28.19 1.11 0.00	29.93 0.82 0.00	30.16 0.68 0.00	31.36 0.79 0.00	32.45 0.51 0.00	32.25 0.79 0.00	32.27 0.57 0.00	33.36 0.65 0.00	34.51 0.84 0.00	38.02 1.43 0.00	41.34 1.74 0.00	40.34 1.85 0.00	39.11 1.76 0.00	36.16 1.49 0.00	33.48 1.29 0.00	28.93 1.11 0.00	25.38 0.91 0.00
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	24.84 0.00 0.00	22.35 -0.20 0.00	21.35 -0.46 0.00	20.39 -0.57 0.00	21.23 -0.30 0.00	21.50 -0.11 0.00	24.40 -0.10 0.00	26.86 -0.22 0.00	28.85 -0.26 0.00	29.13 -0.35 0.00	30.47 -0.09 0.00	31.52 -0.42 0.00	31.40 -0.06 0.00	31.54 -0.16 0.00	32.57 -0.13 0.00	33.26 -0.40 0.00	36.74 0.15 0.00	39.99 0.40 0.00	39.03 0.54 0.00	37.58 0.22 0.00	34.39 -0.28 0.00	31.87 -0.32 0.00	27.68 -0.14 0.00	24.52 0.05 0.00
SAWYER____23_KV_LOAD 55526	24.84 0.00 0.00	22.35 -0.20 0.00	21.35 -0.46 0.00	20.39 -0.57 0.00	21.23 -0.30 0.00	21.50 -0.11 0.00	24.40 -0.10 0.00	26.86 -0.22 0.00	28.85 -0.26 0.00	29.13 -0.35 0.00	30.47 -0.09 0.00	31.52 -0.42 0.00	31.40 -0.06 0.00	31.54 -0.16 0.00	32.57 -0.13 0.00	33.26 -0.40 0.00	36.74 0.15 0.00	39.99 0.40 0.00	39.03 0.54 0.00	37.58 0.22 0.00	34.39 -0.28 0.00	31.87 -0.32 0.00	27.68 -0.14 0.00	24.52 0.05 0.00

SELKIRK___I 23801	25.61 0.77 0.00	23.25 0.70 0.00	22.55 0.74 0.00	21.69 0.73 0.00	22.29 0.75 0.00	22.34 0.73 0.00	25.26 0.76 0.00	27.92 0.84 0.00	30.02 0.90 0.00	30.39 0.91 0.00	31.48 0.92 0.00	32.89 0.96 0.00	32.34 0.88 0.00	32.55 0.86 0.00	33.55 0.85 0.00	34.51 0.84 0.00	37.27 0.99 0.31	41.25 1.27 -0.39	39.80 1.31 0.00	38.74 1.38 0.00	36.09 1.35 -0.07	33.32 1.13 0.00	28.71 0.89 0.00	25.28 0.81 0.00
SELKIRK___II 23799	25.51 0.67 0.00	23.14 0.59 0.00	22.44 0.63 0.00	21.58 0.63 0.00	22.18 0.65 0.00	22.23 0.63 0.00	25.14 0.64 0.00	27.81 0.73 0.00	29.93 0.81 0.00	30.34 0.86 0.00	31.45 0.89 0.00	32.89 0.96 0.00	32.34 0.88 0.00	32.58 0.89 0.00	33.62 0.91 0.00	34.57 0.91 0.00	37.26 1.02 0.36	41.27 1.27 -0.41	39.72 1.23 0.00	38.66 1.31 0.00	35.99 1.25 -0.08	33.22 1.03 0.00	28.63 0.81 0.00	25.19 0.71 0.00
SENECA OSWGO___HYD 24041	24.82 -0.02 0.00	22.42 -0.13 0.00	21.64 -0.18 0.00	20.76 -0.19 0.00	21.43 -0.11 0.00	21.52 -0.09 0.00	24.40 -0.10 0.00	26.89 -0.19 0.00	28.88 -0.23 0.00	29.27 -0.20 0.00	30.35 -0.21 0.00	31.65 -0.29 0.00	31.24 -0.22 0.00	31.44 -0.25 0.00	32.44 -0.26 0.00	33.36 -0.30 0.00	36.30 -0.29 0.00	39.36 -0.24 0.00	38.26 -0.23 0.00	37.13 -0.22 0.00	34.39 -0.28 0.00	31.87 -0.32 0.00	27.57 -0.25 0.00	24.16 -0.32 0.00
SENECA___115KV_TB3 355854	25.19 0.35 0.00	22.62 0.07 0.00	21.64 -0.17 0.00	20.66 -0.29 0.00	21.51 -0.02 0.00	21.78 0.17 0.00	24.77 0.27 0.00	27.29 0.22 0.00	29.29 0.17 0.00	29.57 0.09 0.00	30.93 0.37 0.00	32.00 0.06 0.00	31.90 0.44 0.00	32.05 0.35 0.00	33.10 0.39 0.00	33.80 0.13 0.00	37.32 0.73 0.00	40.62 1.03 0.00	39.60 1.12 0.00	38.10 0.75 0.00	34.91 0.24 0.00	32.32 0.13 0.00	28.10 0.28 0.00	24.87 0.39 0.00
SENECA___ENERGY 23797	25.12 0.27 0.00	22.64 0.09 0.00	21.79 -0.02 0.00	20.89 -0.06 0.00	21.62 0.09 0.00	21.80 0.19 0.00	24.84 0.34 0.00	27.48 0.41 0.00	29.49 0.38 0.00	29.86 0.38 0.00	31.02 0.46 0.00	32.29 0.35 0.00	31.90 0.44 0.00	32.08 0.38 0.00	33.07 0.36 0.00	33.97 0.30 0.00	36.99 0.40 0.00	40.27 0.67 0.00	39.18 0.69 0.00	37.88 0.52 0.00	35.02 0.35 0.00	32.45 0.26 0.00	28.07 0.25 0.00	24.52 0.05 0.00
SHOEMAKER___GT 23640	26.06 1.22 0.00	23.57 1.02 0.00	22.75 0.94 0.00	21.83 0.88 0.00	22.46 0.93 0.00	22.55 0.95 0.00	25.68 1.18 0.00	28.49 1.41 0.00	30.66 1.54 0.00	31.01 1.53 0.00	31.20 1.65 1.01	31.73 1.79 1.99	30.05 1.76 3.18	30.05 1.84 3.48	30.99 1.93 3.65	32.11 2.02 3.57	35.15 2.31 3.75	40.45 2.69 1.84	38.58 2.50 2.41	38.05 2.43 1.74	36.61 2.29 0.34	34.12 1.93 0.00	29.46 1.64 0.00	25.89 1.42 0.00
SHOEMAKR_138KV_BK 111 55601	26.04 1.19 0.00	23.59 1.04 0.00	22.77 0.96 0.00	21.85 0.90 0.00	22.48 0.95 0.00	22.58 0.97 0.00	25.65 1.15 0.00	28.49 1.41 0.00	30.66 1.54 0.00	31.01 1.53 0.00	31.22 1.62 0.96	31.83 1.79 1.89	30.23 1.79 3.02	30.25 1.87 3.31	31.20 1.96 3.47	32.35 2.09 3.40	35.44 2.41 3.56	40.49 2.69 1.80	38.74 2.54 2.29	38.17 2.47 1.65	36.62 2.29 0.34	34.15 1.96 0.00	29.46 1.64 0.00	25.92 1.44 0.00
SHOREHAM_IC_1 23715	30.71 2.71 -3.16	26.39 2.35 -1.49	25.71 2.18 -1.71	23.02 2.05 -0.02	23.68 2.13 -0.01	23.94 2.20 -0.13	27.25 2.62 -0.13	30.20 3.11 -0.01	32.20 3.08 0.00	32.64 3.16 0.00	34.73 3.09 -1.08	37.82 3.77 -2.12	38.66 3.81 -3.39	44.86 3.93 -9.23	44.99 4.25 -8.04	76.51 4.41 -38.43	150.20 4.83 -108.78	191.17 5.54 -146.03	209.71 5.19 -166.03	203.09 5.12 -160.61	79.32 4.65 -40.00	60.84 4.09 -24.56	31.48 3.51 -0.16	30.00 3.13 -2.39
SHOREHAM_IC_2 23716	30.71 2.71 -3.16	26.39 2.35 -1.49	25.71 2.18 -1.71	23.02 2.05 -0.02	23.68 2.13 -0.01	23.94 2.20 -0.13	27.25 2.62 -0.13	30.20 3.11 -0.01	32.20 3.08 0.00	32.64 3.16 0.00	34.73 3.09 -1.08	37.82 3.77 -2.12	38.66 3.81 -3.39	44.86 3.93 -9.23	44.99 4.25 -8.04	76.51 4.41 -38.43	150.20 4.83 -108.78	191.17 5.54 -146.03	209.71 5.19 -166.03	203.09 5.12 -160.61	79.32 4.65 -40.00	60.84 4.09 -24.56	31.48 3.51 -0.16	30.00 3.13 -2.39
SISSONVILLE____ 23735	22.74 -1.17 0.94	21.56 -0.99 0.00	20.92 -0.89 0.00	20.07 -0.88 0.00	20.65 -0.88 0.00	20.72 -0.89 0.00	23.59 -0.91 0.00	26.16 -0.92 0.00	28.04 -1.08 0.00	28.21 -1.27 0.00	28.88 -1.68 0.00	30.21 -1.72 0.00	29.67 -1.79 0.00	25.47 -1.97 4.26	19.73 -1.93 11.05	19.79 -2.09 11.79	20.21 -2.31 14.07	20.46 -2.65 16.48	20.41 -2.77 15.31	31.76 -2.69 2.91	32.38 -2.29 0.00	30.23 -1.96 0.00	26.43 -1.39 0.00	23.35 -1.13 0.00
SITHE_IND_GS1 24169	24.40 -0.45 0.00	22.05 -0.50 0.00	21.31 -0.50 0.00	20.45 -0.50 0.00	21.08 -0.45 0.00	21.17 -0.43 0.00	23.98 -0.52 0.00	26.37 -0.70 0.00	28.33 -0.78 0.00	28.71 -0.77 0.00	29.77 -0.79 0.00	31.04 -0.89 0.00	30.64 -0.82 0.00	30.84 -0.85 0.00	31.82 -0.88 0.00	32.72 -0.94 0.00	35.57 -1.02 0.00	38.56 -1.03 0.00	37.49 -1.00 0.00	36.39 -0.97 0.00	33.70 -0.97 0.00	31.25 -0.93 0.00	27.04 -0.78 0.00	23.74 -0.73 0.00
SITHE_IND_GS2 24170	24.40 -0.45 0.00	22.05 -0.50 0.00	21.31 -0.50 0.00	20.45 -0.50 0.00	21.08 -0.45 0.00	21.17 -0.43 0.00	23.98 -0.52 0.00	26.37 -0.70 0.00	28.33 -0.78 0.00	28.71 -0.77 0.00	29.77 -0.79 0.00	31.04 -0.89 0.00	30.64 -0.82 0.00	30.84 -0.85 0.00	31.82 -0.88 0.00	32.72 -0.94 0.00	35.57 -1.02 0.00	38.56 -1.03 0.00	37.49 -1.00 0.00	36.39 -0.97 0.00	33.70 -0.97 0.00	31.25 -0.93 0.00	27.04 -0.78 0.00	23.74 -0.73 0.00
SITHE_IND_GS3 24171	24.40 -0.45 0.00	22.05 -0.50 0.00	21.31 -0.50 0.00	20.45 -0.50 0.00	21.08 -0.45 0.00	21.17 -0.43 0.00	23.98 -0.52 0.00	26.37 -0.70 0.00	28.33 -0.78 0.00	28.71 -0.77 0.00	29.77 -0.79 0.00	31.04 -0.89 0.00	30.64 -0.82 0.00	30.84 -0.85 0.00	31.82 -0.88 0.00	32.72 -0.94 0.00	35.57 -1.02 0.00	38.56 -1.03 0.00	37.49 -1.00 0.00	36.39 -0.97 0.00	33.70 -0.97 0.00	31.25 -0.93 0.00	27.04 -0.78 0.00	23.74 -0.73 0.00
SITHE_IND_GS4 24172	24.40 -0.45 0.00	22.05 -0.50 0.00	21.31 -0.50 0.00	20.45 -0.50 0.00	21.08 -0.45 0.00	21.17 -0.43 0.00	23.98 -0.52 0.00	26.37 -0.70 0.00	28.33 -0.78 0.00	28.71 -0.77 0.00	29.77 -0.79 0.00	31.04 -0.89 0.00	30.64 -0.82 0.00	30.84 -0.85 0.00	31.82 -0.88 0.00	32.72 -0.94 0.00	35.57 -1.02 0.00	38.56 -1.03 0.00	37.49 -1.00 0.00	36.39 -0.97 0.00	33.70 -0.97 0.00	31.25 -0.93 0.00	27.04 -0.78 0.00	23.74 -0.73 0.00
SITHE___BATAVIA 24024	25.54 0.69 0.00	22.82 0.27 0.00	21.81 0.00 0.00	20.83 -0.12 0.00	21.71 0.17 0.00	21.95 0.34 0.00	25.02 0.52 0.00	27.70 0.62 0.00	29.67 0.55 0.00	29.95 0.47 0.00	31.42 0.85 0.00	32.48 0.54 0.00	32.25 0.79 0.00	32.39 0.70 0.00	33.32 0.62 0.00	34.14 0.47 0.00	37.39 0.80 0.00	40.94 1.35 0.00	39.95 1.46 0.00	38.40 1.04 0.00	35.29 0.62 0.00	32.58 0.39 0.00	28.29 0.47 0.00	24.70 0.22 0.00

SITHE___INDEPEND 23800	24.37 -0.47 0.00	22.08 -0.47 0.00	21.31 -0.50 0.00	20.45 -0.50 0.00	21.08 -0.45 0.00	21.17 -0.43 0.00	23.99 -0.51 0.00	26.37 -0.70 0.00	28.33 -0.79 0.00	28.71 -0.77 0.00	29.77 -0.79 0.00	31.07 -0.86 0.00	30.64 -0.82 0.00	30.84 -0.86 0.00	31.82 -0.88 0.00	32.72 -0.94 0.00	35.64 -0.95 0.00	38.56 -1.03 0.00	37.53 -0.96 0.00	36.39 -0.97 0.00	33.73 -0.94 0.00	31.29 -0.90 0.00	27.04 -0.78 0.00	23.77 -0.71 0.00
SITHE___MASSENA 23902	22.69 -1.02 1.13	21.81 -0.74 0.00	21.16 -0.65 0.00	20.30 -0.65 0.00	20.82 -0.71 0.00	20.89 -0.71 0.00	23.69 -0.81 0.00	26.21 -0.87 0.00	28.15 -0.96 0.00	28.42 -1.06 0.00	29.31 -1.25 0.00	30.66 -1.28 0.00	30.14 -1.32 0.00	25.18 -1.36 5.16	18.00 -1.34 13.36	17.99 -1.41 14.26	17.95 -1.61 17.03	17.88 -1.78 19.94	18.04 -1.92 18.52	31.89 -1.94 3.52	33.04 -1.63 0.00	30.81 -1.38 0.00	26.71 -1.11 0.00	23.60 -0.88 0.00
SITHE___OGDNSBRG 24021	22.96 -0.87 1.01	21.85 -0.70 0.00	21.20 -0.61 0.00	20.35 -0.61 0.00	20.89 -0.65 0.00	20.96 -0.65 0.00	23.89 -0.61 0.00	26.48 -0.60 0.00	28.36 -0.76 0.00	28.57 -0.91 0.00	29.37 -1.19 0.00	30.69 -1.25 0.00	30.20 -1.26 0.00	25.72 -1.36 4.61	19.45 -1.31 11.95	19.53 -1.38 12.75	19.80 -1.57 15.22	19.83 -1.94 17.82	19.89 -2.04 16.56	32.19 -2.02 3.15	33.07 -1.59 0.00	30.80 -1.38 0.00	26.79 -1.03 0.00	23.62 -0.86 0.00
SITHE___STERLING 23777	25.86 1.02 0.00	23.34 0.79 0.00	22.53 0.72 0.00	21.62 0.67 0.00	22.33 0.80 0.00	22.42 0.82 0.00	25.55 1.05 0.00	28.30 1.22 0.00	30.39 1.28 0.00	30.81 1.33 0.00	31.88 1.31 0.00	33.28 1.34 0.00	32.78 1.32 0.00	32.93 1.23 0.00	33.98 1.27 0.00	35.01 1.35 0.00	38.09 1.50 0.00	41.30 1.70 0.00	40.18 1.69 0.00	39.04 1.68 0.00	36.23 1.56 0.00	33.48 1.29 0.00	28.93 1.11 0.00	25.36 0.88 0.00
SLEIGHT___34_KV_TB1 80719	24.89 0.05 0.00	22.42 -0.14 0.00	21.55 -0.26 0.00	20.64 -0.31 0.00	21.38 -0.15 0.00	21.56 -0.04 0.00	24.55 0.05 0.00	27.19 0.11 0.00	29.20 0.09 0.00	29.60 0.12 0.00	30.78 0.21 0.00	32.06 0.13 0.00	31.71 0.25 0.00	31.82 0.13 0.00	32.87 0.16 0.00	33.73 0.07 0.00	36.92 0.33 0.00	40.03 0.44 0.00	38.95 0.46 0.00	37.58 0.22 0.00	34.67 0.00 0.00	32.09 -0.10 0.00	27.74 -0.08 0.00	24.33 -0.15 0.00
SOUTH CAIRO___GT 23612	26.26 1.42 0.00	23.86 1.31 0.00	23.12 1.31 0.00	22.23 1.28 0.00	22.87 1.34 0.00	22.94 1.34 0.00	25.95 1.45 0.00	28.54 1.46 0.00	30.66 1.54 0.00	31.07 1.59 0.00	32.18 1.62 0.00	33.44 1.50 0.00	32.91 1.45 0.00	33.12 1.43 0.00	34.14 1.44 0.00	35.08 1.41 0.00	38.34 2.01 0.26	42.37 2.45 -0.32	40.99 2.50 0.00	40.01 2.65 0.00	37.40 2.67 -0.06	34.35 2.16 0.00	29.41 1.59 0.00	25.90 1.42 0.00
SOUTH HAMPTN___IC 23720	31.26 3.25 -3.16	26.84 2.80 -1.49	26.16 2.64 -1.71	23.44 2.47 -0.02	24.10 2.56 -0.01	24.37 2.63 -0.13	27.74 3.11 -0.13	30.74 3.65 -0.01	32.87 3.76 0.00	33.34 3.86 0.00	35.55 3.91 -1.08	38.68 4.63 -2.12	39.51 4.66 -3.39	45.78 4.85 -9.24	45.91 5.17 -8.04	77.58 5.38 -38.53	151.52 5.85 -109.08	192.67 6.65 -146.43	211.14 6.16 -166.49	204.51 6.09 -161.06	80.32 5.55 -40.11	61.74 4.93 -24.62	32.15 4.17 -0.15	30.56 3.70 -2.39
SOUTHDOW___115KV_TB1 355954	25.76 0.92 0.00	23.09 0.54 0.00	22.14 0.33 0.00	21.18 0.23 0.00	22.05 0.52 0.00	22.43 0.82 0.00	25.63 1.13 0.00	28.54 1.46 0.00	30.63 1.51 0.00	30.87 1.39 0.00	32.43 1.86 0.00	32.99 1.05 0.00	32.82 1.35 0.00	33.00 1.30 0.00	33.88 1.18 0.00	34.40 0.74 0.00	37.98 1.39 0.00	41.18 1.58 0.00	40.18 1.69 0.00	38.93 1.57 0.00	35.85 1.18 0.00	33.22 1.03 0.00	28.88 1.06 0.00	25.45 0.98 0.00
SOUTHOLD_69_KV_BK 2 55809	31.81 3.80 -3.16	27.38 3.34 -1.49	26.69 3.16 -1.71	23.94 2.98 -0.02	24.61 3.08 0.00	24.89 3.15 -0.13	28.30 3.67 -0.13	31.36 4.28 0.00	33.60 4.48 0.00	34.11 4.63 0.00	36.32 4.68 -1.08	39.51 5.46 -2.12	40.41 5.57 -3.38	46.76 5.83 -9.23	46.99 6.25 -8.04	78.63 6.46 -38.51	152.80 7.21 -109.00	193.92 8.00 -146.33	211.45 6.58 -166.38	205.60 7.28 -160.95	81.38 6.62 -40.09	62.75 5.95 -24.61	32.89 4.92 -0.15	31.22 4.36 -2.39
SOUTHOLD___IC 23719	31.83 3.82 -3.16	27.36 3.32 -1.49	26.67 3.14 -1.71	23.90 2.93 -0.02	24.58 3.04 -0.01	24.85 3.11 -0.13	28.30 3.67 -0.13	31.36 4.28 -0.01	33.59 4.48 0.00	34.11 4.63 0.00	36.38 4.74 -1.08	39.58 5.53 -2.12	40.42 5.57 -3.39	46.73 5.80 -9.23	46.96 6.22 -8.04	78.63 6.46 -38.51	152.67 7.06 -109.01	193.90 7.96 -146.34	211.46 6.58 -166.39	205.60 7.29 -160.96	81.41 6.66 -40.09	62.72 5.92 -24.61	32.90 4.92 -0.15	31.18 4.31 -2.39
SOUTH_FORK_WT_PWR 323839	31.93 3.92 -3.16	27.45 3.41 -1.49	26.75 3.23 -1.71	23.99 3.02 -0.02	24.66 3.12 -0.01	24.93 3.20 -0.13	28.38 3.75 -0.13	31.45 4.36 -0.01	33.71 4.60 0.00	34.25 4.78 0.00	36.53 4.89 -1.08	39.73 5.68 -2.12	40.55 5.70 -3.39	46.86 5.93 -9.23	47.09 6.35 -8.04	78.81 6.63 -38.52	152.85 7.21 -109.05	194.14 8.16 -146.39	212.09 7.16 -166.45	205.77 7.40 -161.02	81.56 6.80 -40.10	62.89 6.09 -24.62	33.01 5.04 -0.15	31.27 4.40 -2.39
SPIERFLS_115KV_TB 1 80737	26.78 1.94 0.00	24.29 1.74 0.00	23.43 1.61 0.00	22.50 1.55 0.00	23.15 1.62 0.00	23.25 1.64 0.00	26.44 1.94 0.00	29.24 2.17 0.00	31.53 2.42 0.00	32.01 2.54 0.00	33.22 2.66 0.00	33.88 1.95 0.00	33.32 1.86 0.00	33.47 1.78 0.00	34.11 1.41 0.00	35.01 1.35 0.00	37.71 1.57 0.46	41.77 1.78 -0.40	40.87 2.39 0.00	39.71 2.35 0.00	37.10 2.36 -0.07	34.28 2.09 0.00	30.10 2.28 0.00	26.46 1.98 0.00
ST LAWRENCE____ 23600	22.68 -0.97 1.19	21.83 -0.72 0.00	21.16 -0.65 0.00	20.33 -0.63 0.00	20.80 -0.73 0.00	20.89 -0.71 0.00	23.67 -0.83 0.00	26.16 -0.92 0.00	28.09 -1.02 0.00	28.42 -1.06 0.00	29.40 -1.16 0.00	30.72 -1.21 0.00	30.23 -1.23 0.00	25.00 -1.27 5.43	17.36 -1.28 14.07	17.37 -1.28 15.01	17.20 -1.46 17.92	16.87 -1.74 20.99	17.26 -1.73 19.50	31.93 -1.72 3.71	33.14 -1.52 0.00	30.93 -1.26 0.00	26.76 -1.06 0.00	23.64 -0.83 0.00
STATE_CA_115KV_115_LB 55624	25.59 0.75 0.00	23.27 0.72 0.00	22.57 0.76 0.00	21.69 0.73 0.00	22.31 0.78 0.00	22.38 0.78 0.00	25.26 0.76 0.00	27.92 0.84 0.00	30.07 0.96 0.00	30.48 1.00 0.00	31.63 1.07 0.00	33.05 1.12 0.00	32.47 1.01 0.00	32.71 1.01 0.00	33.72 1.01 0.00	34.61 0.94 0.00	37.28 1.21 0.52	41.37 1.35 -0.43	39.87 1.39 0.00	38.81 1.46 0.00	36.14 1.39 -0.08	33.38 1.19 0.00	28.71 0.89 0.00	25.31 0.83 0.00
STATE_ST_34_KV_LOAD 55959	25.22 0.37 0.00	22.78 0.23 0.00	21.96 0.15 0.00	21.10 0.15 0.00	21.79 0.26 0.00	21.93 0.32 0.00	24.97 0.47 0.00	27.59 0.51 0.00	29.64 0.52 0.00	30.10 0.62 0.00	31.17 0.61 0.00	32.51 0.57 0.00	32.12 0.66 0.00	32.27 0.57 0.00	33.29 0.59 0.00	34.24 0.57 0.00	37.40 0.80 0.00	40.47 0.87 0.00	39.37 0.89 0.00	38.14 0.78 0.00	35.29 0.62 0.00	32.67 0.48 0.00	28.24 0.42 0.00	24.72 0.24 0.00

STATION 5_MISC_HYD 23604	25.14 0.30 0.00	22.57 0.02 0.00	21.64 -0.18 0.00	20.70 -0.25 0.00	21.47 -0.06 0.00	21.67 0.07 0.00	24.65 0.15 0.00	27.29 0.22 0.00	29.32 0.21 0.00	29.66 0.18 0.00	30.99 0.43 0.00	32.19 0.25 0.00	31.87 0.41 0.00	32.08 0.38 0.00	33.00 0.29 0.00	33.87 0.20 0.00	36.96 0.37 0.00	40.31 0.71 0.00	39.26 0.77 0.00	37.84 0.48 0.00	34.84 0.17 0.00	32.22 0.03 0.00	27.93 0.11 0.00	24.40 -0.07 0.00
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	25.24 0.40 0.00	22.71 0.16 0.00	21.81 0.00 0.00	20.87 -0.08 0.00	21.66 0.13 0.00	21.84 0.24 0.00	24.89 0.39 0.00	27.62 0.54 0.00	29.64 0.52 0.00	30.01 0.53 0.00	31.24 0.67 0.00	32.51 0.57 0.00	32.15 0.69 0.00	32.27 0.57 0.00	33.36 0.65 0.00	34.20 0.54 0.00	37.40 0.80 0.00	40.58 0.99 0.00	39.53 1.04 0.00	38.14 0.78 0.00	35.12 0.45 0.00	32.54 0.35 0.00	28.13 0.31 0.00	24.67 0.20 0.00
STA_56_34_KV_BUS2_REV_LBMP_B 345033	24.94 0.10 0.00	22.46 -0.09 0.00	21.55 -0.26 0.00	20.60 -0.36 0.00	21.36 -0.17 0.00	21.56 -0.04 0.00	24.52 0.02 0.00	27.19 0.11 0.00	29.20 0.09 0.00	29.57 0.09 0.00	30.84 0.28 0.00	32.06 0.13 0.00	31.78 0.31 0.00	31.89 0.19 0.00	32.97 0.26 0.00	33.80 0.13 0.00	37.03 0.44 0.00	40.23 0.63 0.00	39.18 0.69 0.00	37.73 0.37 0.00	34.70 0.03 0.00	32.16 -0.03 0.00	27.79 -0.03 0.00	24.43 -0.05 0.00
STA_56____34_KV_BUS2 355983	24.94 0.10 0.00	22.46 -0.09 0.00	21.55 -0.26 0.00	20.60 -0.36 0.00	21.36 -0.17 0.00	21.56 -0.04 0.00	24.52 0.02 0.00	27.19 0.11 0.00	29.20 0.09 0.00	29.57 0.09 0.00	30.84 0.28 0.00	32.06 0.13 0.00	31.78 0.31 0.00	31.89 0.19 0.00	32.97 0.26 0.00	33.80 0.13 0.00	37.03 0.44 0.00	40.23 0.63 0.00	39.18 0.69 0.00	37.73 0.37 0.00	34.70 0.03 0.00	32.16 -0.03 0.00	27.79 -0.03 0.00	24.43 -0.05 0.00
STA_67____115KV_BK2 355882	25.02 0.17 0.00	22.53 -0.02 0.00	21.59 -0.22 0.00	20.66 -0.29 0.00	21.43 -0.11 0.00	21.63 0.02 0.00	24.60 0.10 0.00	27.21 0.14 0.00	29.23 0.12 0.00	29.57 0.09 0.00	30.84 0.28 0.00	32.06 0.13 0.00	31.78 0.31 0.00	31.89 0.19 0.00	32.97 0.26 0.00	33.80 0.13 0.00	37.07 0.48 0.00	40.27 0.67 0.00	39.22 0.73 0.00	37.80 0.45 0.00	34.77 0.10 0.00	32.19 0.00 0.00	27.85 0.03 0.00	24.50 0.02 0.00
STA_7____115KV_9TRANS 80674	25.22 0.37 0.00	22.69 0.14 0.00	21.75 -0.07 0.00	20.79 -0.17 0.00	21.58 0.04 0.00	21.78 0.17 0.00	24.77 0.27 0.00	27.46 0.38 0.00	29.49 0.38 0.00	29.86 0.38 0.00	31.14 0.58 0.00	32.38 0.45 0.00	32.12 0.66 0.00	32.24 0.54 0.00	33.33 0.62 0.00	34.14 0.47 0.00	37.43 0.84 0.00	40.66 1.07 0.00	39.64 1.15 0.00	38.14 0.78 0.00	35.09 0.42 0.00	32.48 0.29 0.00	28.07 0.25 0.00	24.67 0.20 0.00
STA_82____115KV_TB1 80780	25.04 0.20 0.00	22.53 -0.02 0.00	21.62 -0.20 0.00	20.66 -0.29 0.00	21.45 -0.09 0.00	21.65 0.04 0.00	24.60 0.10 0.00	27.24 0.16 0.00	29.26 0.15 0.00	29.60 0.12 0.00	30.87 0.31 0.00	32.09 0.16 0.00	31.81 0.35 0.00	31.92 0.22 0.00	33.00 0.29 0.00	33.80 0.13 0.00	37.07 0.48 0.00	40.27 0.67 0.00	39.26 0.77 0.00	37.84 0.49 0.00	34.81 0.14 0.00	32.22 0.03 0.00	27.88 0.06 0.00	24.52 0.05 0.00
STEEL____WIND 323596	25.24 0.40 0.00	22.60 0.05 0.00	21.59 -0.22 0.00	20.64 -0.31 0.00	21.49 -0.04 0.00	21.76 0.15 0.00	24.74 0.24 0.00	27.27 0.19 0.00	29.26 0.15 0.00	29.54 0.06 0.00	31.02 0.46 0.00	32.03 0.10 0.00	31.84 0.38 0.00	32.11 0.41 0.00	33.00 0.29 0.00	33.77 0.10 0.00	37.03 0.44 0.00	40.51 0.91 0.00	39.49 1.00 0.00	37.99 0.63 0.00	34.88 0.21 0.00	32.22 0.03 0.00	28.07 0.25 0.00	24.60 0.12 0.00
STEPHTWN_115KV_BK_2 55603	25.71 0.87 0.00	23.38 0.83 0.00	22.68 0.87 0.00	21.79 0.84 0.00	22.42 0.88 0.00	22.51 0.91 0.00	25.41 0.91 0.00	28.11 1.03 0.00	30.22 1.11 0.00	30.66 1.18 0.00	31.79 1.22 0.00	33.21 1.28 0.00	32.66 1.20 0.00	32.87 1.17 0.00	33.85 1.14 0.00	34.78 1.11 0.00	37.47 1.39 0.52	41.65 1.62 -0.43	40.14 1.66 0.00	39.04 1.68 0.00	36.38 1.63 -0.08	33.57 1.38 0.00	28.88 1.06 0.00	25.43 0.95 0.00
STEUBEN_REC_LFGE 323667	25.37 0.52 0.00	22.82 0.27 0.00	21.92 0.11 0.00	20.95 0.00 0.00	21.88 0.34 0.00	22.17 0.56 0.00	25.33 0.83 0.00	28.00 0.92 0.00	29.96 0.84 0.00	30.19 0.71 0.00	31.39 0.83 0.00	32.51 0.57 0.00	32.25 0.79 0.00	32.24 0.54 0.00	33.36 0.65 0.00	34.24 0.57 0.00	37.87 1.28 0.00	41.14 1.54 0.00	39.87 1.39 0.00	38.48 1.12 0.00	35.64 0.97 0.00	33.06 0.87 0.00	28.68 0.86 0.00	25.21 0.73 0.00
STILLWATER____SOLAR 323814	26.41 1.57 0.00	23.95 1.40 0.00	23.12 1.31 0.00	22.21 1.26 0.00	22.85 1.31 0.00	22.94 1.34 0.00	26.04 1.54 0.00	28.79 1.71 0.00	31.00 1.89 0.00	31.46 1.98 0.00	32.37 1.80 0.00	33.79 1.85 0.00	33.25 1.79 0.00	33.47 1.77 0.00	34.37 1.67 0.00	35.35 1.68 0.00	37.95 1.87 0.50	42.18 2.18 -0.41	40.91 2.43 0.00	39.78 2.43 0.00	37.07 2.32 -0.08	34.22 2.03 0.00	29.63 1.81 0.00	26.07 1.59 0.00
STONY____BROOK 24151	30.86 2.86 -3.16	26.52 2.48 -1.49	25.84 2.31 -1.71	23.15 2.18 -0.02	23.80 2.26 -0.01	24.09 2.36 -0.13	27.42 2.79 -0.13	30.39 3.30 -0.01	32.34 3.23 0.00	32.75 3.27 0.00	34.79 3.15 -1.08	37.85 3.80 -2.12	38.72 3.87 -3.39	44.90 3.87 -9.34	44.92 4.05 -8.16	77.76 4.24 -39.85	154.27 4.65 -113.03	196.68 5.31 -151.77	216.21 5.04 -172.68	209.28 4.85 -167.07	80.70 4.44 -41.59	61.52 3.86 -25.47	31.59 3.59 -0.18	30.10 3.23 -2.40
STURGEON_POOL_HYD 23609	26.28 1.44 0.00	23.77 1.22 0.00	22.92 1.11 0.00	22.02 1.07 0.00	22.63 1.10 0.00	22.71 1.10 0.00	25.87 1.37 0.00	28.76 1.68 0.00	31.01 1.89 0.00	31.37 1.89 0.00	32.58 2.02 0.00	34.17 2.24 0.00	33.76 2.30 0.00	34.14 2.44 0.00	35.26 2.55 0.00	36.42 2.76 0.00	39.94 3.29 -0.06	43.28 3.68 0.00	41.72 3.23 0.00	40.46 3.10 0.00	37.65 2.98 0.00	34.64 2.45 0.00	29.85 2.03 0.00	26.26 1.79 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	26.16 1.32 0.00	23.70 1.15 0.00	22.86 1.05 0.00	21.94 0.98 0.00	22.57 1.03 0.00	22.66 1.06 0.00	25.80 1.30 0.00	28.65 1.57 0.00	30.89 1.78 0.00	31.22 1.74 0.00	31.25 1.86 1.17	31.70 2.08 2.31	29.85 2.08 3.68	29.85 2.19 4.04	30.73 2.26 4.23	31.91 2.39 4.14	35.01 2.78 4.36	40.75 3.13 1.97	38.62 2.93 2.79	38.14 2.80 2.02	36.90 2.60 0.37	34.41 2.22 0.00	29.66 1.84 0.00	26.09 1.62 0.00
SWANROAD_115KV_TB1 355699	24.45 -0.40 0.00	21.99 -0.56 0.00	21.00 -0.81 0.00	20.05 -0.90 0.00	20.89 -0.65 0.00	21.15 -0.45 0.00	23.96 -0.54 0.00	26.37 -0.70 0.00	28.30 -0.82 0.00	28.60 -0.88 0.00	29.89 -0.67 0.00	30.91 -1.02 0.00	30.80 -0.66 0.00	30.91 -0.79 0.00	31.92 -0.78 0.00	32.62 -1.04 0.00	36.04 -0.55 0.00	39.28 -0.32 0.00	38.33 -0.15 0.00	36.91 -0.45 0.00	33.77 -0.90 0.00	31.29 -0.90 0.00	27.21 -0.61 0.00	24.13 -0.34 0.00

SYNERGY___BIOGAS 323694	25.54 0.69 0.00	22.82 0.27 0.00	21.81 0.00 0.00	20.83 -0.12 0.00	21.71 0.17 0.00	21.95 0.34 0.00	25.02 0.52 0.00	27.70 0.62 0.00	29.67 0.55 0.00	29.95 0.47 0.00	31.42 0.85 0.00	32.48 0.54 0.00	32.25 0.79 0.00	32.39 0.70 0.00	33.32 0.62 0.00	34.14 0.47 0.00	37.39 0.80 0.00	40.94 1.35 0.00	39.95 1.46 0.00	38.40 1.04 0.00	35.29 0.62 0.00	32.58 0.39 0.00	28.29 0.47 0.00	24.70 0.22 0.00
SYRACUSE___ENERGY_ST1 323597	25.04 0.20 0.00	22.66 0.11 0.00	21.86 0.04 0.00	20.97 0.02 0.00	21.64 0.11 0.00	21.76 0.15 0.00	24.70 0.20 0.00	27.27 0.19 0.00	29.26 0.15 0.00	29.69 0.21 0.00	30.78 0.21 0.00	32.09 0.16 0.00	31.65 0.19 0.00	31.86 0.16 0.00	32.87 0.16 0.00	33.80 0.13 0.00	36.85 0.26 0.00	39.87 0.28 0.00	38.76 0.27 0.00	37.58 0.22 0.00	34.77 0.10 0.00	32.25 0.06 0.00	27.90 0.08 0.00	24.48 0.00 0.00
SYRACUSE___ENERGY_ST2 323598	25.04 0.20 0.00	22.66 0.11 0.00	21.86 0.04 0.00	20.97 0.02 0.00	21.64 0.11 0.00	21.76 0.15 0.00	24.70 0.20 0.00	27.27 0.19 0.00	29.26 0.15 0.00	29.69 0.21 0.00	30.78 0.21 0.00	32.09 0.16 0.00	31.65 0.19 0.00	31.86 0.16 0.00	32.87 0.16 0.00	33.80 0.13 0.00	36.85 0.26 0.00	39.87 0.28 0.00	38.76 0.27 0.00	37.58 0.22 0.00	34.77 0.10 0.00	32.25 0.06 0.00	27.90 0.08 0.00	24.48 0.00 0.00
SYRACUSE___POWER 24017	24.97 0.12 0.00	22.57 0.02 0.00	21.77 -0.04 0.00	20.89 -0.06 0.00	21.56 0.02 0.00	21.67 0.06 0.00	24.60 0.10 0.00	27.16 0.08 0.00	29.17 0.06 0.00	29.60 0.12 0.00	30.72 0.15 0.00	32.03 0.10 0.00	31.56 0.09 0.00	31.76 0.06 0.00	32.77 0.07 0.00	33.70 0.03 0.00	36.74 0.15 0.00	39.75 0.16 0.00	38.60 0.12 0.00	37.43 0.07 0.00	34.67 0.00 0.00	32.16 -0.03 0.00	27.82 0.00 0.00	24.43 -0.05 0.00
TALLMAN___138KV_BK151 55660	26.31 1.47 0.00	23.81 1.26 0.00	22.95 1.13 0.00	22.04 1.09 0.00	22.65 1.12 0.00	22.79 1.19 0.00	25.95 1.45 0.00	28.84 1.76 0.00	31.12 2.01 0.00	31.45 1.98 0.00	31.16 2.11 1.51	31.36 2.40 2.97	29.11 2.39 4.74	29.03 2.54 5.20	29.88 2.62 5.45	31.09 2.76 5.33	34.16 3.22 5.65	43.39 3.60 -0.20	38.21 3.31 3.59	37.94 3.18 2.59	37.65 2.95 -0.04	34.73 2.54 0.00	29.91 2.09 0.00	26.31 1.84 0.00
TEALLAVE_115KV_TB7 355573	24.97 0.12 0.00	22.57 0.02 0.00	21.79 -0.02 0.00	20.91 -0.04 0.00	21.58 0.04 0.00	21.67 0.06 0.00	24.62 0.12 0.00	27.21 0.14 0.00	29.23 0.12 0.00	29.66 0.18 0.00	30.75 0.18 0.00	32.03 0.10 0.00	31.59 0.13 0.00	31.76 0.06 0.00	32.77 0.07 0.00	33.70 0.03 0.00	36.74 0.15 0.00	39.75 0.16 0.00	38.64 0.15 0.00	37.43 0.07 0.00	34.63 -0.03 0.00	32.12 -0.06 0.00	27.82 0.00 0.00	24.43 -0.05 0.00
TELGRAPH_34_KV_EAST 80808	25.07 0.22 0.00	22.51 -0.05 0.00	21.51 -0.31 0.00	20.53 -0.42 0.00	21.38 -0.15 0.00	21.65 0.04 0.00	24.60 0.10 0.00	27.13 0.05 0.00	29.08 -0.03 0.00	29.36 -0.12 0.00	30.72 0.15 0.00	31.77 -0.16 0.00	31.65 0.19 0.00	31.76 0.06 0.00	32.80 0.10 0.00	33.50 -0.17 0.00	36.99 0.40 0.00	40.35 0.75 0.00	39.37 0.89 0.00	37.88 0.52 0.00	34.70 0.03 0.00	32.09 -0.10 0.00	27.88 0.06 0.00	24.65 0.17 0.00
TEMPLE___115KV_TB 2 55572	24.99 0.15 0.00	22.60 0.05 0.00	21.79 -0.02 0.00	20.91 -0.04 0.00	21.58 0.04 0.00	21.69 0.09 0.00	24.62 0.12 0.00	27.21 0.14 0.00	29.23 0.12 0.00	29.66 0.18 0.00	30.75 0.18 0.00	32.06 0.13 0.00	31.59 0.13 0.00	31.79 0.10 0.00	32.80 0.10 0.00	33.73 0.07 0.00	36.77 0.18 0.00	39.75 0.16 0.00	38.64 0.15 0.00	37.43 0.07 0.00	34.67 0.00 0.00	32.16 -0.03 0.00	27.85 0.03 0.00	24.45 -0.02 0.00
TIANA____69_KV_BK 1 55817	31.09 3.08 -3.16	26.75 2.71 -1.49	26.08 2.55 -1.71	23.38 2.41 -0.02	24.03 2.50 0.00	24.30 2.57 -0.13	27.64 3.01 -0.13	30.63 3.55 0.00	32.69 3.58 0.00	33.16 3.68 0.00	35.28 3.64 -1.08	38.39 4.34 -2.12	39.28 4.44 -3.38	45.59 4.66 -9.23	45.71 4.97 -8.04	77.32 5.15 -38.51	151.35 5.74 -109.02	192.36 6.41 -146.35	210.82 5.93 -166.40	204.19 5.86 -160.97	80.06 5.30 -40.09	61.57 4.76 -24.61	31.97 4.01 -0.15	30.46 3.60 -2.39
TILDEN___115KV_TB1 80814	24.97 0.12 0.00	22.57 0.02 0.00	21.77 -0.04 0.00	20.89 -0.06 0.00	21.56 0.02 0.00	21.67 0.06 0.00	24.60 0.10 0.00	27.16 0.08 0.00	29.17 0.06 0.00	29.60 0.12 0.00	30.72 0.15 0.00	32.03 0.10 0.00	31.56 0.09 0.00	31.76 0.06 0.00	32.77 0.07 0.00	33.70 0.03 0.00	36.74 0.15 0.00	39.75 0.16 0.00	38.60 0.12 0.00	37.43 0.07 0.00	34.67 0.00 0.00	32.16 -0.03 0.00	27.82 0.00 0.00	24.43 -0.05 0.00
TRIGEN___CC 323695	30.12 2.11 -3.16	25.91 1.87 -1.49	25.25 1.72 -1.71	22.60 1.63 -0.02	23.26 1.72 0.00	23.51 1.77 -0.13	26.71 2.08 -0.13	29.65 2.57 0.00	31.73 2.62 0.00	32.13 2.65 0.00	34.30 2.66 -1.08	37.18 3.13 -2.12	38.02 3.18 -3.38	41.90 3.26 -6.93	41.40 3.40 -5.29	41.05 3.57 -3.82	45.05 4.10 -4.36	48.92 4.55 -4.77	45.32 4.27 -2.56	43.31 4.11 -1.85	39.56 3.74 -1.15	37.95 3.28 -2.48	30.66 2.84 0.00	29.35 2.50 -2.38
TRINITY__115KV__ 4 BK 55933	25.49 0.65 0.00	23.20 0.65 0.00	22.51 0.70 0.00	21.64 0.69 0.00	22.25 0.71 0.00	22.34 0.73 0.00	25.19 0.69 0.00	27.84 0.76 0.00	29.96 0.84 0.00	30.36 0.88 0.00	31.51 0.95 0.00	32.89 0.96 0.00	32.31 0.85 0.00	32.59 0.89 0.00	33.56 0.85 0.00	34.44 0.77 0.00	37.06 0.99 0.52	41.18 1.15 -0.43	39.64 1.15 0.00	38.59 1.23 0.00	35.96 1.21 -0.08	33.25 1.06 0.00	28.60 0.78 0.00	25.21 0.73 0.00
UNION___PROCESSING_DRP 323587	25.04 0.20 0.00	22.55 0.00 0.00	21.62 -0.20 0.00	20.66 -0.29 0.00	21.45 -0.09 0.00	21.65 0.04 0.00	24.62 0.12 0.00	27.27 0.19 0.00	29.26 0.15 0.00	29.60 0.12 0.00	30.87 0.31 0.00	32.09 0.16 0.00	31.81 0.35 0.00	31.92 0.22 0.00	33.00 0.29 0.00	33.83 0.17 0.00	37.10 0.51 0.00	40.31 0.71 0.00	39.30 0.81 0.00	37.84 0.49 0.00	34.81 0.14 0.00	32.22 0.03 0.00	27.88 0.06 0.00	24.52 0.05 0.00
UPPER HUDSON___HYD 24058	26.81 1.96 0.00	24.26 1.71 0.00	23.43 1.61 0.00	22.48 1.53 0.00	23.15 1.62 0.00	23.23 1.62 0.00	26.43 1.94 0.00	29.25 2.17 0.00	31.53 2.42 0.00	32.02 2.54 0.00	32.40 1.83 0.00	33.82 1.88 0.00	33.32 1.86 0.00	33.47 1.77 0.00	34.14 1.44 0.00	35.08 1.41 0.00	37.63 1.50 0.46	41.81 1.82 -0.40	40.91 2.43 0.00	39.75 2.39 0.00	37.10 2.36 -0.07	34.25 2.06 0.00	30.10 2.28 0.00	26.43 1.96 0.00
UPPER RAQUET___HYD 24056	22.74 -1.17 0.94	21.62 -0.93 0.00	20.98 -0.83 0.00	20.14 -0.82 0.00	20.72 -0.82 0.00	20.78 -0.82 0.00	23.59 -0.91 0.00	26.16 -0.92 0.00	28.04 -1.08 0.00	28.21 -1.27 0.00	28.88 -1.68 0.00	30.21 -1.72 0.00	29.67 -1.79 0.00	25.47 -1.97 4.26	19.73 -1.93 11.05	19.79 -2.09 11.79	20.10 -2.42 14.07	20.46 -2.65 16.48	20.40 -2.77 15.31	31.75 -2.69 2.91	32.38 -2.29 0.00	30.29 -1.90 0.00	26.43 -1.39 0.00	23.42 -1.05 0.00

VALLEY44_115KV_TB2 355964	25.22 0.37 0.00	22.69 0.14 0.00	21.66 -0.15 0.00	20.70 -0.25 0.00	21.53 0.00 0.00	21.86 0.26 0.00	24.99 0.49 0.00	27.43 0.35 0.00	29.43 0.32 0.00	29.63 0.15 0.00	30.96 0.40 0.00	32.13 0.19 0.00	32.00 0.53 0.00	32.24 0.54 0.00	33.26 0.56 0.00	34.10 0.44 0.00	37.69 1.10 0.00	40.98 1.39 0.00	39.84 1.35 0.00	38.37 1.01 0.00	35.12 0.45 0.00	32.54 0.35 0.00	28.21 0.39 0.00	24.99 0.51 0.00
VALLEY___115KV_TB 1-4 80826	25.03 0.12 -0.06	22.60 0.05 0.00	21.86 0.04 0.00	20.97 0.02 0.00	21.56 0.02 0.00	21.63 0.02 0.00	24.55 0.05 0.00	27.19 0.11 0.00	29.26 0.15 0.00	29.69 0.21 0.00	30.81 0.24 0.00	32.22 0.29 0.00	31.71 0.25 0.00	32.19 0.22 -0.27	33.63 0.23 -0.70	34.68 0.27 -0.74	37.81 0.33 -0.89	40.95 0.32 -1.04	39.80 0.35 -0.97	37.88 0.34 -0.18	35.02 0.35 0.00	32.48 0.29 0.00	28.10 0.28 0.00	24.72 0.24 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	26.21 1.37 0.00	23.72 1.17 0.00	22.95 1.13 0.00	22.06 1.11 0.00	22.74 1.21 0.00	22.77 1.17 0.00	25.95 1.45 0.00	28.84 1.76 0.00	31.01 1.89 0.00	31.45 1.98 0.00	32.55 1.99 0.00	34.04 2.11 0.00	33.51 2.05 0.00	33.73 2.03 0.00	34.77 2.06 0.00	35.85 2.19 0.00	39.04 2.45 0.00	42.02 2.61 0.19	41.07 2.58 0.00	39.90 2.54 0.00	36.99 2.36 0.04	34.22 2.03 0.00	29.52 1.70 0.00	25.94 1.47 0.00
VISCHER___FERRY HYD 24020	26.01 1.17 0.00	23.61 1.06 0.00	22.84 1.03 0.00	21.94 0.99 0.00	22.57 1.03 0.00	22.66 1.06 0.00	25.65 1.15 0.00	28.32 1.25 0.00	30.51 1.40 0.00	30.95 1.47 0.00	32.03 1.47 0.00	33.44 1.50 0.00	32.81 1.35 0.00	33.06 1.36 0.00	34.05 1.34 0.00	34.98 1.31 0.00	37.43 1.47 0.62	41.77 1.74 -0.44	40.30 1.81 0.00	39.26 1.90 0.00	36.59 1.84 -0.08	33.77 1.58 0.00	29.16 1.34 0.00	25.67 1.20 0.00
V_A_10_SYNC_DSASP 323832	24.62 -0.22 0.00	22.10 -0.45 0.00	21.16 -0.65 0.00	20.22 -0.73 0.00	21.02 -0.52 0.00	21.26 -0.35 0.00	24.11 -0.39 0.00	26.59 -0.49 0.00	28.56 -0.55 0.00	28.86 -0.62 0.00	30.23 -0.34 0.00	31.26 -0.67 0.00	31.02 -0.44 0.00	31.22 -0.47 0.00	32.15 -0.56 0.00	32.96 -0.71 0.00	36.08 -0.51 0.00	39.44 -0.16 0.00	38.45 -0.04 0.00	37.06 -0.30 0.00	34.05 -0.62 0.00	31.48 -0.71 0.00	27.37 -0.45 0.00	23.96 -0.52 0.00
V_CMM_10_SYNC_DSASP 323787	22.76 -0.89 1.19	21.92 -0.63 0.00	21.22 -0.59 0.00	20.39 -0.56 0.00	20.89 -0.65 0.00	20.96 -0.65 0.00	23.77 -0.73 0.00	26.27 -0.81 0.00	28.21 -0.90 0.00	28.54 -0.94 0.00	29.52 -1.04 0.00	30.85 -1.09 0.00	30.33 -1.13 0.00	25.13 -1.14 5.43	17.49 -1.15 14.07	17.47 -1.18 15.01	17.35 -1.32 17.92	17.02 -1.58 20.99	17.41 -1.58 19.50	32.04 -1.61 3.71	33.28 -1.39 0.00	31.06 -1.13 0.00	26.87 -0.95 0.00	23.72 -0.76 0.00
V_CMP_10_SYNC_DSASP 323788	23.20 -0.47 1.18	22.33 -0.23 0.00	21.75 -0.07 0.00	20.89 -0.06 0.00	21.53 0.00 0.00	21.65 0.04 0.00	24.16 -0.34 0.00	26.70 -0.38 0.00	28.59 -0.52 0.00	28.89 -0.59 0.00	29.83 -0.73 0.00	31.14 -0.80 0.00	30.39 -1.07 0.00	25.20 -1.14 5.36	17.68 -1.15 13.88	17.68 -1.18 14.81	17.74 -1.17 17.68	17.62 -1.27 20.70	18.06 -1.19 19.23	33.18 -0.52 3.66	34.43 -0.24 0.00	32.00 -0.19 0.00	27.60 -0.22 0.00	24.26 -0.22 0.00
V_D_10_SYNC_DSASP 323841	22.71 -0.99 1.13	21.83 -0.72 0.00	21.16 -0.65 0.00	20.30 -0.65 0.00	20.85 -0.69 0.00	20.91 -0.69 0.00	23.71 -0.78 0.00	26.24 -0.84 0.00	28.15 -0.96 0.00	28.45 -1.03 0.00	29.34 -1.22 0.00	30.66 -1.28 0.00	30.17 -1.29 0.00	25.20 -1.33 5.17	17.96 -1.34 13.40	17.98 -1.38 14.30	17.95 -1.57 17.07	17.83 -1.78 19.99	17.99 -1.92 18.57	31.88 -1.94 3.53	33.08 -1.59 0.00	30.84 -1.35 0.00	26.71 -1.11 0.00	23.62 -0.86 0.00
V_E_10_SYNC_DSASP 323830	26.86 2.01 0.00	24.20 1.65 0.00	23.34 1.53 0.00	22.38 1.43 0.00	23.22 1.68 0.00	23.35 1.75 0.00	26.83 2.33 0.00	29.84 2.76 0.00	31.88 2.77 0.00	32.31 2.83 0.00	33.32 2.75 0.00	34.71 2.78 0.00	34.17 2.71 0.00	34.23 2.54 0.00	35.26 2.55 0.00	36.49 2.83 0.00	39.81 3.22 0.00	43.11 3.72 0.21	42.34 3.85 0.00	41.17 3.81 0.00	38.24 3.61 0.04	35.21 3.02 0.00	30.41 2.59 0.00	26.60 2.13 0.00
V_F_30_NSYNC___DSASP 323816	26.44 1.59 0.00	23.95 1.40 0.00	23.14 1.33 0.00	22.23 1.28 0.00	22.87 1.34 0.00	22.94 1.34 0.00	26.07 1.57 0.00	28.81 1.73 0.00	31.03 1.92 0.00	31.49 2.01 0.00	32.40 1.83 0.00	33.85 1.92 0.00	33.32 1.86 0.00	33.50 1.81 0.00	34.44 1.73 0.00	35.41 1.75 0.00	38.05 1.94 0.48	42.25 2.26 -0.40	40.99 2.50 0.00	39.86 2.50 0.00	37.10 2.36 -0.08	34.25 2.06 0.00	29.66 1.84 0.00	26.09 1.62 0.00
V_F_30_SYNC_DSASP 323786	25.59 0.75 0.00	23.27 0.72 0.00	22.57 0.76 0.00	21.69 0.73 0.00	22.31 0.78 0.00	22.38 0.78 0.00	25.26 0.76 0.00	27.92 0.84 0.00	30.05 0.93 0.00	30.48 1.00 0.00	31.63 1.07 0.00	33.05 1.12 0.00	32.47 1.01 0.00	32.71 1.01 0.00	33.72 1.01 0.00	34.61 0.94 0.00	37.28 1.21 0.52	41.37 1.35 -0.43	39.87 1.39 0.00	38.78 1.42 0.00	36.14 1.39 -0.08	33.38 1.19 0.00	28.71 0.89 0.00	25.31 0.83 0.00
V_XM_10_SYNC_DSASP 323789	23.20 -0.47 1.18	22.33 -0.23 0.00	21.75 -0.07 0.00	20.89 -0.06 0.00	21.53 0.00 0.00	21.65 0.04 0.00	24.16 -0.34 0.00	26.70 -0.38 0.00	28.59 -0.52 0.00	28.89 -0.59 0.00	29.83 -0.73 0.00	31.14 -0.80 0.00	30.39 -1.07 0.00	25.20 -1.14 5.36	17.68 -1.15 13.88	17.68 -1.18 14.81	17.74 -1.17 17.68	17.62 -1.27 20.70	18.06 -1.19 19.23	33.18 -0.52 3.66	34.43 -0.24 0.00	32.00 -0.19 0.00	27.60 -0.22 0.00	24.26 -0.22 0.00
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	26.38 1.54 0.00	23.90 1.35 0.00	23.03 1.22 0.00	22.11 1.15 0.00	22.72 1.18 0.00	22.86 1.25 0.00	26.04 1.54 0.00	28.95 1.87 0.00	31.24 2.13 0.00	31.57 2.09 0.00	31.30 2.23 1.49	31.49 2.49 2.93	29.30 2.52 4.68	29.20 2.63 5.13	30.08 2.75 5.38	31.30 2.90 5.26	34.38 3.37 5.58	47.87 3.76 -4.51	38.40 3.46 3.55	38.12 3.32 2.56	38.60 3.09 -0.84	34.86 2.67 0.00	29.99 2.17 0.00	26.38 1.91 0.00
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	26.66 1.81 0.00	24.13 1.58 0.00	23.27 1.46 0.00	22.32 1.36 0.00	22.93 1.40 0.00	23.07 1.47 0.00	26.31 1.81 0.00	29.35 2.27 0.00	31.70 2.59 0.00	32.07 2.59 0.00	34.37 2.72 -1.09	37.10 3.03 -2.14	37.89 3.02 -3.41	38.57 3.14 -3.74	39.86 3.24 -3.92	40.90 3.40 -3.83	44.87 3.88 -4.40	48.77 4.36 -4.82	45.11 4.04 -2.58	43.07 3.85 -1.87	39.14 3.57 -0.90	35.31 3.12 0.00	30.38 2.56 0.00	26.75 2.28 0.00
W50THST__13_KV_LOAD 356117	26.78 1.94 0.00	24.24 1.69 0.00	23.36 1.55 0.00	22.40 1.45 0.00	23.04 1.51 0.00	23.20 1.60 0.00	26.46 1.96 0.00	29.52 2.44 0.00	31.91 2.79 0.00	32.28 2.80 0.00	34.58 2.93 -1.09	37.36 3.29 -2.14	38.14 3.27 -3.41	38.83 3.39 -3.74	40.09 3.47 -3.92	41.17 3.67 -3.83	45.16 4.17 -4.40	49.09 4.67 -4.82	45.38 4.31 -2.58	43.33 4.11 -1.87	39.35 3.78 -0.90	35.47 3.28 0.00	30.55 2.73 0.00	26.90 2.42 0.00

WADING RIVER_IC_1 23522	30.69 2.68 -3.16	26.34 2.30 -1.49	25.68 2.16 -1.71	23.00 2.03 -0.02	23.65 2.11 -0.01	23.91 2.18 -0.13	27.22 2.60 -0.13	30.17 3.09 -0.01	32.17 3.06 0.00	32.60 3.12 0.00	34.73 3.09 -1.08	37.79 3.73 -2.12	38.62 3.77 -3.39	44.84 3.90 -9.24	44.94 4.19 -8.05	76.66 4.34 -38.65	150.81 4.75 -109.46	192.01 5.47 -146.95	210.70 5.12 -167.09	204.04 5.04 -161.65	79.50 4.58 -40.25	60.92 4.02 -24.70	31.45 3.48 -0.15	29.95 3.08 -2.39
WADING RIVER_IC_2 23547	30.69 2.68 -3.16	26.34 2.30 -1.49	25.68 2.16 -1.71	23.00 2.03 -0.02	23.65 2.11 -0.01	23.91 2.18 -0.13	27.22 2.60 -0.13	30.17 3.09 -0.01	32.17 3.06 0.00	32.60 3.12 0.00	34.73 3.09 -1.08	37.79 3.73 -2.12	38.62 3.77 -3.39	44.84 3.90 -9.24	44.94 4.19 -8.05	76.66 4.34 -38.65	150.81 4.75 -109.46	192.01 5.47 -146.95	210.70 5.12 -167.09	204.04 5.04 -161.65	79.50 4.58 -40.25	60.92 4.02 -24.70	31.45 3.48 -0.15	29.95 3.08 -2.39
WADING RIVER_IC_3 23601	30.69 2.68 -3.16	26.34 2.30 -1.49	25.68 2.16 -1.71	23.00 2.03 -0.02	23.65 2.11 -0.01	23.91 2.18 -0.13	27.22 2.60 -0.13	30.17 3.09 -0.01	32.17 3.06 0.00	32.60 3.12 0.00	34.73 3.09 -1.08	37.79 3.73 -2.12	38.62 3.77 -3.39	44.84 3.90 -9.24	44.94 4.19 -8.05	76.66 4.34 -38.65	150.81 4.75 -109.46	192.01 5.47 -146.95	210.70 5.12 -167.09	204.04 5.04 -161.65	79.50 4.58 -40.25	60.92 4.02 -24.70	31.45 3.48 -0.15	29.95 3.08 -2.39
WALDENNY_I2_KV_BK2 80841	25.17 0.32 0.00	22.60 0.05 0.00	21.62 -0.20 0.00	20.64 -0.31 0.00	21.49 -0.04 0.00	21.78 0.17 0.00	24.72 0.22 0.00	27.27 0.19 0.00	29.26 0.15 0.00	29.54 0.06 0.00	30.93 0.37 0.00	32.00 0.06 0.00	31.90 0.44 0.00	32.08 0.38 0.00	33.10 0.39 0.00	33.77 0.10 0.00	37.32 0.73 0.00	40.58 0.99 0.00	39.60 1.12 0.00	38.10 0.75 0.00	34.88 0.21 0.00	32.29 0.10 0.00	28.07 0.25 0.00	24.84 0.37 0.00
WALDEN___HYDRO 24148	26.31 1.47 0.00	23.84 1.29 0.00	22.97 1.16 0.00	22.06 1.11 0.00	22.68 1.14 0.00	22.79 1.19 0.00	25.92 1.42 0.00	28.78 1.71 0.00	31.03 1.92 0.00	31.40 1.92 0.00	32.24 2.02 0.34	33.49 2.24 0.68	32.62 2.23 1.08	32.86 2.35 1.18	33.92 2.45 1.24	35.04 2.59 1.21	38.47 3.04 1.16	42.38 3.41 0.62	40.86 3.19 0.82	39.83 3.06 0.59	37.40 2.84 0.12	34.64 2.45 0.00	29.82 2.00 0.00	26.24 1.76 0.00
WARRENSBURG___ 23737	26.81 1.96 0.00	24.26 1.71 0.00	23.43 1.61 0.00	22.48 1.53 0.00	23.15 1.62 0.00	23.23 1.62 0.00	26.43 1.94 0.00	29.25 2.17 0.00	31.53 2.42 0.00	32.02 2.54 0.00	32.40 1.83 0.00	33.82 1.88 0.00	33.32 1.86 0.00	33.47 1.77 0.00	34.14 1.44 0.00	35.08 1.41 0.00	37.63 1.50 0.46	41.81 1.82 -0.40	40.91 2.43 0.00	39.75 2.39 0.00	37.10 2.36 -0.07	34.25 2.06 0.00	30.10 2.28 0.00	26.43 1.96 0.00
WATERSIDE___6 8 9 23538	26.74 1.89 -0.01	24.23 1.67 -0.01	23.35 1.53 -0.01	22.34 1.38 0.00	22.96 1.42 0.00	23.09 1.49 0.00	26.31 1.81 0.00	29.33 2.25 0.00	31.70 2.59 0.00	32.07 2.59 0.00	34.40 2.75 -1.09	37.13 3.07 -2.13	37.92 3.05 -3.41	38.67 3.23 -3.74	39.82 3.21 -3.91	40.86 3.37 -3.83	44.83 3.84 -4.40	48.73 4.32 -4.82	45.07 4.00 -2.58	43.03 3.81 -1.86	39.21 3.74 -0.80	35.43 3.25 0.01	30.46 2.64 0.00	26.83 2.35 -0.01
WATKINRD_115KV_LN8_ILLION 55919	25.08 0.17 -0.06	22.66 0.11 0.00	21.92 0.11 0.00	21.06 0.10 0.00	21.64 0.11 0.00	21.71 0.11 0.00	24.62 0.12 0.00	27.27 0.19 0.00	29.32 0.20 0.00	29.72 0.24 0.00	30.81 0.24 0.00	32.22 0.29 0.00	31.71 0.25 0.00	32.22 0.25 -0.27	33.66 0.26 -0.70	34.68 0.27 -0.74	37.81 0.33 -0.89	40.99 0.36 -1.04	39.84 0.38 -0.97	37.91 0.37 -0.18	35.05 0.38 0.00	32.48 0.29 0.00	28.07 0.25 0.00	24.70 0.22 0.00
WATSON___69_KV_BK 1 55734	31.04 3.03 -3.16	26.72 2.68 -1.49	26.03 2.51 -1.71	23.34 2.37 -0.02	24.01 2.48 0.00	24.28 2.55 -0.13	27.62 2.99 -0.13	30.60 3.52 0.00	32.61 3.49 0.00	33.05 3.57 0.00	35.15 3.51 -1.08	38.20 4.15 -2.12	39.09 4.25 -3.38	44.19 4.44 -8.05	44.04 4.71 -6.62	59.07 4.78 -20.63	96.97 5.31 -55.08	118.87 5.90 -73.38	126.06 5.62 -81.96	121.73 5.42 -78.96	59.61 4.92 -20.02	49.80 4.41 -13.21	31.73 3.84 -0.07	30.34 3.48 -2.39
WDELAWARE___HYD 323627	25.89 1.04 0.00	23.36 0.81 0.00	22.53 0.72 0.00	21.62 0.67 0.00	22.24 0.71 0.00	22.32 0.71 0.00	25.45 0.95 0.00	28.27 1.19 0.00	30.45 1.34 0.00	30.78 1.30 0.00	31.78 1.44 0.22	33.06 1.56 0.44	32.36 1.60 0.70	32.60 1.68 0.77	33.69 1.80 0.81	34.82 1.95 0.79	38.10 2.27 0.76	41.88 2.69 0.41	40.49 2.54 0.53	39.40 2.43 0.38	36.88 2.29 0.08	34.06 1.87 0.00	29.32 1.50 0.00	25.75 1.27 0.00
WEST BABYLON___IC 23714	30.86 2.86 -3.16	26.59 2.55 -1.49	25.90 2.38 -1.71	23.21 2.24 -0.02	23.88 2.35 0.00	24.15 2.42 -0.13	27.47 2.84 -0.13	30.44 3.36 0.00	32.43 3.32 0.00	32.84 3.36 0.00	35.00 3.36 -1.08	38.01 3.96 -2.12	38.90 4.06 -3.38	43.10 4.18 -7.22	42.79 4.45 -5.64	46.36 4.54 -8.15	59.13 5.09 -17.45	67.73 5.66 -22.48	66.89 5.35 -23.05	64.30 5.19 -21.75	45.40 4.72 -6.02	41.65 4.22 -5.25	31.51 3.67 -0.02	30.14 3.28 -2.38
WEST CANADA___HYD 24049	25.13 0.22 -0.06	22.73 0.18 0.00	21.99 0.17 0.00	21.12 0.17 0.00	21.73 0.19 0.00	21.78 0.17 0.00	24.72 0.22 0.00	27.32 0.24 0.00	29.37 0.26 0.00	29.74 0.26 0.00	30.87 0.31 0.00	32.25 0.32 0.00	31.78 0.31 0.00	32.28 0.32 -0.27	33.70 0.29 -0.70	34.71 0.30 -0.74	37.81 0.33 -0.89	41.07 0.44 -1.04	39.88 0.42 -0.97	37.99 0.45 -0.18	35.09 0.42 0.00	32.51 0.32 0.00	28.10 0.28 0.00	24.70 0.22 0.00
WESTERN_NY_WIND 24143	25.42 0.57 0.00	22.80 0.25 0.00	21.79 -0.02 0.00	20.81 -0.15 0.00	21.69 0.15 0.00	21.93 0.32 0.00	24.97 0.47 0.00	27.65 0.57 0.00	29.64 0.52 0.00	29.89 0.41 0.00	31.24 0.67 0.00	32.35 0.42 0.00	32.19 0.72 0.00	32.27 0.57 0.00	33.33 0.62 0.00	34.07 0.40 0.00	37.58 0.99 0.00	40.90 1.31 0.00	39.95 1.46 0.00	38.44 1.08 0.00	35.22 0.55 0.00	32.61 0.42 0.00	28.27 0.45 0.00	24.92 0.44 0.00
WESTOVER___LESR 323668	25.42 0.57 0.00	22.96 0.41 0.00	22.12 0.31 0.00	21.23 0.27 0.00	21.94 0.41 0.00	22.06 0.45 0.00	25.11 0.61 0.00	27.73 0.65 0.00	29.81 0.70 0.00	30.16 0.68 0.00	31.30 0.73 0.00	32.67 0.73 0.00	32.25 0.79 0.00	32.49 0.79 0.00	33.52 0.82 0.00	34.51 0.84 0.00	37.73 1.13 0.00	40.76 1.31 0.14	39.76 1.27 0.00	38.51 1.16 0.00	35.58 0.94 0.03	32.99 0.80 0.00	28.52 0.70 0.00	25.06 0.59 0.00
WETHRSFD_WT_PWR 323626	24.99 0.15 0.00	22.42 -0.13 0.00	21.48 -0.33 0.00	20.53 -0.42 0.00	21.39 -0.15 0.00	21.63 0.02 0.00	24.60 0.10 0.00	27.13 0.05 0.00	29.11 0.00 0.00	29.36 -0.12 0.00	30.75 0.18 0.00	31.74 -0.19 0.00	31.56 0.09 0.00	31.73 0.03 0.00	32.61 -0.10 0.00	33.43 -0.23 0.00	36.63 0.04 0.00	40.07 0.48 0.00	39.03 0.54 0.00	37.65 0.30 0.00	34.67 0.00 0.00	32.03 -0.16 0.00	27.90 0.08 0.00	24.43 -0.05 0.00

WHAVSTOR_138KV_BK127 55557	26.31 1.47 0.00	23.81 1.26 0.00	22.97 1.16 0.00	22.04 1.09 0.00	22.65 1.12 0.00	22.79 1.19 0.00	25.95 1.45 0.00	28.84 1.76 0.00	31.12 2.01 0.00	31.45 1.98 0.00	31.18 2.11 1.49	31.37 2.36 2.92	29.18 2.39 4.67	29.08 2.50 5.12	29.93 2.58 5.36	31.14 2.73 5.25	34.18 3.15 5.56	48.52 3.56 -5.36	38.22 3.27 3.54	37.94 3.14 2.55	38.59 2.91 -1.00	34.70 2.51 0.00	29.88 2.06 0.00	26.29 1.81 0.00
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	26.31 1.47 0.00	23.81 1.26 0.00	22.97 1.16 0.00	22.04 1.09 0.00	22.65 1.12 0.00	22.79 1.19 0.00	25.95 1.45 0.00	28.84 1.76 0.00	31.12 2.01 0.00	31.45 1.98 0.00	31.18 2.11 1.49	31.37 2.36 2.92	29.18 2.39 4.67	29.08 2.50 5.12	29.93 2.58 5.36	31.14 2.73 5.25	34.18 3.15 5.56	48.52 3.56 -5.36	38.22 3.27 3.54	37.94 3.14 2.55	38.59 2.91 -1.00	34.70 2.51 0.00	29.88 2.06 0.00	26.29 1.81 0.00
WHITEHAL_115KV_TB1 80871	27.35 2.51 0.00	24.81 2.26 0.00	23.91 2.09 0.00	22.94 1.99 0.00	23.62 2.09 0.00	23.72 2.12 0.00	27.05 2.55 0.00	29.92 2.84 0.00	32.26 3.14 0.00	32.78 3.30 0.00	33.99 3.42 0.00	34.81 2.87 0.00	34.23 2.77 0.00	34.36 2.66 0.00	35.03 2.32 0.00	35.89 2.22 0.00	38.79 2.67 0.47	43.00 3.01 -0.40	42.14 3.66 0.00	40.91 3.55 0.00	38.18 3.43 -0.07	35.21 3.03 0.00	30.74 2.92 0.00	27.02 2.55 0.00
WHITEPLN_13_KV_LOAD 356215	26.76 1.91 0.00	24.24 1.69 0.00	23.38 1.57 0.00	22.42 1.47 0.00	23.06 1.53 0.00	23.20 1.60 0.00	26.44 1.94 0.00	29.54 2.46 0.00	31.88 2.77 0.00	32.31 2.83 0.00	34.72 3.00 -1.16	37.50 3.29 -2.28	38.40 3.30 -3.64	39.11 3.42 -3.99	40.48 3.60 -4.17	41.52 3.77 -4.09	45.59 4.32 -4.68	49.63 4.83 -5.20	45.75 4.50 -2.75	43.60 4.26 -1.99	39.56 3.92 -0.97	35.54 3.35 0.00	30.55 2.73 0.00	26.87 2.40 0.00
WM_FLOYD_69_KV_BK2 356380	30.89 2.88 -3.16	26.59 2.55 -1.49	25.90 2.38 -1.71	23.21 2.24 -0.02	23.88 2.35 0.00	24.15 2.42 -0.13	27.47 2.84 -0.13	30.44 3.36 0.00	32.43 3.32 0.00	32.84 3.36 0.00	34.91 3.27 -1.08	37.95 3.90 -2.12	38.87 4.03 -3.38	45.08 4.18 -9.20	45.18 4.48 -7.99	76.19 4.61 -37.92	149.01 5.20 -107.22	189.34 5.82 -143.92	207.55 5.47 -163.60	200.95 5.34 -158.25	78.95 4.85 -39.42	60.74 4.31 -24.24	31.67 3.70 -0.15	30.22 3.35 -2.39
WOODARD__115KV_TB2 355635	24.92 0.07 0.00	22.53 -0.02 0.00	21.75 -0.07 0.00	20.87 -0.08 0.00	21.53 0.00 0.00	21.63 0.02 0.00	24.55 0.05 0.00	27.11 0.03 0.00	29.11 0.00 0.00	29.54 0.06 0.00	30.62 0.06 0.00	31.93 0.00 0.00	31.49 0.03 0.00	31.70 0.00 0.00	32.70 0.00 0.00	33.63 -0.03 0.00	36.66 0.07 0.00	39.63 0.04 0.00	38.57 0.08 0.00	37.36 0.00 0.00	34.57 -0.10 0.00	32.06 -0.13 0.00	27.77 -0.06 0.00	24.35 -0.12 0.00
YORK___WARBASSE 23770	26.94 2.09 -0.01	24.36 1.80 -0.01	23.48 1.66 -0.01	22.44 1.49 0.00	23.09 1.55 0.00	23.18 1.58 0.00	26.41 1.91 0.00	29.43 2.36 0.00	31.82 2.71 0.00	32.19 2.71 0.00	34.55 2.90 -1.09	37.26 3.19 -2.13	38.11 3.24 -3.41	38.83 3.39 -3.74	39.99 3.37 -3.91	41.06 3.57 -3.83	45.01 4.02 -4.40	48.96 4.55 -4.82	45.27 4.20 -2.58	43.26 4.03 -1.86	40.37 4.02 -1.67	35.75 3.44 -0.11	30.68 2.84 -0.02	27.03 2.55 -0.01