

Day Ahead Market Generator LBMP

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

Generator Data

10/04/2023

Name	00:00	01:00	02:00	03:00	04:00	05:00	06:00	07:00	08:00	09:00	10:00	11:00	12:00	13:00	14:00	15:00	16:00	17:00	18:00	19:00	20:00	21:00	22:00	23:00
PTID	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT
59TH STREET_GT_1	22.62	21.13	19.65	18.85	19.25	20.90	28.54	31.21	30.20	27.43	30.36	30.59	31.55	35.50	38.52	41.86	46.89	58.36	57.41	46.72	36.90	31.19	27.30	24.53
24138	1.28	1.02	0.92	0.79	0.81	0.99	1.89	2.16	2.25	2.23	2.34	2.34	2.37	2.90	3.08	3.28	3.80	4.01	4.16	3.55	2.60	2.49	2.18	1.63
	0.00	0.00	0.00	0.00	0.00	0.00	-1.45	-2.37	-3.22	-1.52	-2.59	-2.82	-4.26	-2.14	-1.57	-2.17	-3.54	-13.90	-10.37	-4.56	-0.47	-0.71	0.00	0.00
74TH STREET_GT_1	22.68	21.15	19.71	19.01	19.41	20.92	28.54	31.21	30.20	27.38	30.31	30.54	31.50	35.44	38.48	41.78	46.78	58.24	57.36	46.72	37.00	31.19	27.31	24.58
24260	1.34	1.05	0.97	0.96	0.98	1.02	1.89	2.16	2.25	2.18	2.29	2.29	2.32	2.83	3.05	3.20	3.68	3.88	4.12	3.55	2.71	2.49	2.19	1.67
	0.00	0.00	0.00	0.00	0.00	0.00	-1.45	-2.37	-3.22	-1.52	-2.59	-2.82	-4.26	-2.14	-1.57	-2.17	-3.54	-13.90	-10.37	-4.56	-0.47	-0.71	0.00	0.00
74TH STREET_GT_2	22.68	21.15	19.71	19.01	19.41	20.92	28.54	31.21	30.20	27.38	30.31	30.54	31.50	35.44	38.48	41.78	46.78	58.24	57.36	46.72	37.00	31.19	27.31	24.58
24261	1.34	1.05	0.97	0.96	0.98	1.02	1.89	2.16	2.25	2.18	2.29	2.29	2.32	2.83	3.05	3.20	3.68	3.88	4.12	3.55	2.71	2.49	2.19	1.67
	0.00	0.00	0.00	0.00	0.00	0.00	-1.45	-2.37	-3.22	-1.52	-2.59	-2.82	-4.26	-2.14	-1.57	-2.17	-3.54	-13.90	-10.37	-4.56	-0.47	-0.71	0.00	0.00
ADK HUDSON___FALLS	22.32	20.91	19.54	18.90	19.41	20.94	27.01	29.16	27.39	25.63	27.73	27.75	27.61	32.55	35.38	38.45	43.40	48.71	50.53	43.43	36.85	30.46	26.95	24.33
24011	0.98	0.80	0.81	0.85	0.98	1.04	1.34	1.71	1.61	1.44	1.45	1.40	1.22	1.52	1.73	1.93	2.53	2.99	3.77	3.17	2.88	2.21	1.83	1.42
	0.00	0.00	0.00	0.00	0.00	0.00	-0.47	-0.78	-1.05	-0.50	-0.85	-0.92	-1.46	-0.56	0.21	-0.11	-1.31	-5.26	-3.88	-1.66	-0.15	-0.25	0.00	0.00
ADK RESOURCE___RCVRY	22.28	20.93	19.54	18.81	19.41	21.04	27.24	29.29	27.56	25.81	27.91	27.93	27.76	32.70	35.52	38.75	43.79	49.15	51.00	43.86	37.19	30.71	27.13	24.49
23798	0.94	0.82	0.80	0.76	0.98	1.13	1.56	1.84	1.78	1.63	1.63	1.58	1.37	1.67	1.86	2.22	2.93	3.44	4.25	3.59	3.22	2.46	2.01	1.58
	0.00	0.00	0.00	0.00	0.00	0.00	-0.47	-0.77	-1.05	-0.50	-0.85	-0.92	-1.46	-0.56	0.21	-0.12	-1.31	-5.25	-3.88	-1.65	-0.15	-0.25	0.00	0.00
ADK S GLENS___FALLS	22.32	20.91	19.54	18.90	19.41	20.94	27.01	29.16	27.39	25.63	27.73	27.75	27.61	32.55	35.38	38.45	43.40	48.71	50.53	43.43	36.85	30.46	26.95	24.33
24028	0.98	0.80	0.81	0.85	0.98	1.04	1.34	1.71	1.61	1.44	1.45	1.40	1.22	1.52	1.73	1.93	2.53	2.99	3.77	3.17	2.88	2.21	1.83	1.42
	0.00	0.00	0.00	0.00	0.00	0.00	-0.47	-0.78	-1.05	-0.50	-0.85	-0.92	-1.46	-0.56	0.21	-0.11	-1.31	-5.26	-3.88	-1.66	-0.15	-0.25	0.00	0.00
ADK_NYS___DAM	22.15	20.85	19.48	18.76	19.18	20.70	26.97	28.99	27.22	25.47	27.53	27.59	27.64	32.25	34.55	37.73	42.95	48.69	49.62	42.55	35.86	29.82	26.55	23.94
23527	0.81	0.74	0.75	0.70	0.74	0.80	1.23	1.44	1.31	1.23	1.15	1.12	1.07	1.28	1.32	1.53	1.94	2.35	2.40	2.08	1.86	1.54	1.43	1.03
	0.00	0.00	0.00	0.00	0.00	0.00	-0.53	-0.87	-1.18	-0.56	-0.95	-1.04	-1.64	-0.51	0.63	0.21	-1.46	-5.88	-4.34	-1.86	-0.17	-0.29	0.00	0.00
AIR_PRODUCTS___DRP	21.49	20.21	18.90	18.36	18.71	20.02	25.95	27.89	26.21	24.57	26.62	26.67	26.59	31.28	33.99	36.84	41.43	46.62	47.78	41.01	34.59	28.79	25.72	23.21
24190	0.15	0.10	0.17	0.31	0.28	0.12	0.28	0.43	0.42	0.38	0.33	0.31	0.17	0.21	0.27	0.25	0.51	0.73	0.90	0.69	0.61	0.53	0.60	0.30
	0.00	0.00	0.00	0.00	0.00	0.00	-0.48	-0.79	-1.07	-0.50	-0.86	-0.93	-1.49	-0.60	0.14	-0.18	-1.36	-5.43	-4.00	-1.70	-0.15	-0.26	0.00	0.00
AKWESSNE_115KV_BK	21.12	20.01	18.64	17.98	18.35	19.83	24.95	26.38	24.46	23.42	25.20	25.20	24.73	30.19	33.59	36.23	38.76	39.53	41.59	37.95	33.42	27.60	24.72	22.50
355683	-0.21	-0.10	-0.09	-0.07	-0.09	-0.08	-0.25	-0.29	-0.27	-0.26	-0.23	-0.23	-0.20	-0.27	-0.27	-0.18	-0.79	-0.93	-1.29	-0.66	-0.41	-0.39	-0.40	-0.41
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ALBANY___1	21.49	20.21	18.90	18.36	18.71	20.02	25.95	27.89	26.21	24.57	26.62	26.67	26.59	31.28	33.99	36.84	41.43	46.62	47.78	41.01	34.59	28.79	25.72	23.21
23571	0.15	0.10	0.17	0.31	0.28	0.12	0.28	0.43	0.42	0.38	0.33	0.31	0.17	0.21	0.27	0.25	0.51	0.73	0.90	0.69	0.61	0.53	0.60	0.30
	0.00	0.00	0.00	0.00	0.00	0.00	-0.48	-0.79	-1.07	-0.50	-0.86	-0.93	-1.49	-0.60	0.14	-0.18	-1.36	-5.43	-4.00	-1.70	-0.15	-0.26	0.00	0.00
ALBANY___2	21.49	20.21	18.90	18.36	18.71	20.02	25.95	27.89	26.21	24.57	26.62	26.67	26.59	31.28	33.99	36.84	41.43	46.62	47.78	41.01	34.59	28.79	25.72	23.21
23572	0.15	0.10	0.17	0.31	0.28	0.12	0.28	0.43	0.42	0.38	0.33	0.31	0.17	0.21	0.27	0.25	0.51	0.73	0.90	0.69	0.61	0.53	0.60	0.30
	0.00	0.00	0.00	0.00	0.00	0.00	-0.48	-0.79	-1.07	-0.50	-0.86	-0.93	-1.49	-0.60	0.14	-0.18	-1.36	-5.43	-4.00	-1.70	-0.15	-0.26	0.00	0.00
ALBANY___3	21.49	20.21	18.90	18.36	18.71	20.02	25.95	27.89	26.21	24.57	26.62	26.67	26.59	31.28	33.99	36.84	41.43	46.62	47.78	41.01	34.59	28.79	25.72	23.21
23573	0.15	0.10	0.17	0.31	0.28	0.12	0.28	0.43	0.42	0.38	0.33	0.31	0.17	0.21	0.27	0.25	0.51	0.73	0.90	0.69	0.61	0.53	0.60	0.30
	0.00	0.00	0.00	0.00	0.00	0.00	-0.48	-0.79	-1.07	-0.50	-0.86	-0.93	-1.49	-0.60	0.14	-0.18	-1.36	-5.43	-4.00	-1.70	-0.15	-0.26	0.00	0.00

ALBANY___4 23574	21.49 0.15 0.00	20.21 0.10 0.00	18.90 0.17 0.00	18.36 0.31 0.00	18.71 0.28 0.00	20.02 0.12 0.00	25.95 0.28 -0.48	27.89 0.43 -0.79	26.21 0.42 -1.07	24.57 0.38 -0.50	26.62 0.33 -0.86	26.67 0.31 -0.93	26.59 0.17 -1.49	31.28 0.21 -0.60	33.99 0.27 0.14	36.84 0.25 -0.18	41.43 0.51 -1.36	46.62 0.73 -5.43	47.78 0.90 -4.00	41.01 0.69 -1.70	34.59 0.61 -0.15	28.79 0.53 -0.26	25.72 0.60 0.00	23.21 0.30 0.00
ALBANY___LFGE 323615	21.68 0.34 0.00	20.39 0.28 0.00	19.07 0.34 0.00	18.38 0.33 0.00	18.81 0.37 0.00	20.20 0.30 0.00	26.21 0.53 -0.48	28.15 0.69 -0.79	26.49 0.69 -1.07	24.83 0.64 -0.50	26.90 0.61 -0.86	26.95 0.59 -0.93	26.89 0.47 -1.49	31.63 0.58 -0.59	34.26 0.58 0.18	37.28 0.73 -0.15	41.97 1.07 -1.35	47.27 1.42 -5.40	48.31 1.46 -3.98	41.54 1.24 -1.70	35.03 1.05 -0.15	29.12 0.87 -0.26	25.97 0.85 0.00	23.46 0.55 0.00
ALCOA_PA_115KV_PL-6C 55860	21.15 -0.19 0.00	20.07 -0.04 0.00	18.70 -0.04 0.00	18.00 -0.05 0.00	18.38 -0.06 0.00	19.89 -0.02 0.00	25.00 -0.20 0.00	26.44 -0.24 0.00	24.51 -0.22 0.00	23.47 -0.21 0.00	25.25 -0.18 0.00	25.25 -0.18 0.00	24.78 -0.15 0.00	30.28 -0.18 0.00	33.69 -0.17 0.00	36.33 -0.07 0.00	38.76 -0.79 0.00	39.57 -0.89 0.00	41.33 -1.54 0.00	38.03 -0.58 0.00	33.66 -0.17 0.00	27.77 -0.22 0.00	24.87 -0.25 0.00	22.63 -0.27 0.00
ALCOA_RYNLDS___DRP 24188	21.15 -0.19 0.00	20.07 -0.04 0.00	18.70 -0.04 0.00	18.00 -0.05 0.00	18.38 -0.06 0.00	19.89 -0.02 0.00	25.00 -0.20 0.00	26.44 -0.24 0.00	24.51 -0.22 0.00	23.47 -0.21 0.00	25.25 -0.18 0.00	25.25 -0.18 0.00	24.78 -0.15 0.00	30.28 -0.18 0.00	33.69 -0.17 0.00	36.33 -0.07 0.00	38.76 -0.79 0.00	39.57 -0.89 0.00	41.33 -1.54 0.00	38.03 -0.58 0.00	33.66 -0.17 0.00	27.77 -0.22 0.00	24.87 -0.25 0.00	22.63 -0.27 0.00
ALCOA___DSASP 323711	21.19 -0.15 0.00	20.07 -0.04 0.00	18.70 -0.04 0.00	18.02 -0.04 0.00	18.38 -0.06 0.00	19.89 -0.02 0.00	25.00 -0.20 0.00	26.43 -0.24 0.00	24.50 -0.22 0.00	23.47 -0.21 0.00	25.23 -0.20 0.00	25.26 -0.18 0.00	24.75 -0.17 0.00	30.28 -0.18 0.00	33.66 -0.20 0.00	36.23 -0.18 0.00	38.88 -0.67 0.00	39.12 -1.33 0.00	41.33 -1.54 0.00	38.03 -0.58 0.00	33.66 -0.17 0.00	27.77 -0.22 0.00	24.87 -0.25 0.00	22.63 -0.27 0.00
ALLEGHENY___COGEN 23514	22.68 1.35 0.00	21.23 1.13 0.00	19.48 0.75 0.00	18.76 0.70 0.00	19.10 0.66 0.00	20.94 1.03 0.00	26.74 1.54 0.00	28.33 1.65 0.00	26.14 1.41 0.00	24.87 1.18 0.00	26.60 1.17 0.00	26.50 1.07 0.00	26.10 1.17 0.00	31.23 0.76 0.00	35.18 1.32 0.00	37.72 1.31 0.00	42.40 2.85 0.00	43.70 3.24 0.00	46.95 4.08 0.00	41.39 2.78 0.00	35.21 1.39 0.00	28.81 0.81 0.00	26.42 1.31 0.00	24.33 1.42 0.00
ALTAMONT_115KV_TB 2 55880	21.81 0.47 0.00	20.51 0.40 0.00	19.18 0.45 0.00	18.56 0.51 0.00	18.94 0.50 0.00	20.32 0.42 0.00	26.30 0.63 -0.47	28.25 0.80 -0.77	26.54 0.77 -1.05	24.87 0.69 -0.49	26.94 0.66 -0.84	27.01 0.66 -0.92	26.91 0.52 -1.46	31.73 0.64 -0.62	34.58 0.75 0.03	37.41 0.73 -0.27	41.91 1.03 -1.33	47.02 1.25 -5.31	48.25 1.46 -3.91	41.47 1.20 -1.67	34.99 1.01 -0.15	29.12 0.87 -0.26	26.02 0.90 0.00	23.53 0.62 0.00
ALTONA_WT_PWR 323606	21.42 0.09 0.00	20.27 0.16 0.00	18.86 0.13 0.00	18.22 0.16 0.00	18.62 0.18 0.00	20.20 0.30 0.00	25.55 0.35 0.00	27.05 0.37 0.00	25.17 0.45 0.00	24.11 0.43 0.00	25.94 0.51 0.00	25.97 0.53 0.00	25.45 0.52 0.00	31.10 0.64 0.00	34.58 0.71 0.00	37.32 0.91 0.00	40.23 0.67 0.00	40.82 0.36 0.00	43.13 0.26 0.00	39.11 0.50 0.00	34.30 0.47 0.00	27.97 -0.03 0.00	24.82 -0.30 0.00	22.50 -0.41 0.00
AMERICAN_REF_FUEL 24010	21.40 0.06 0.00	20.01 -0.10 0.00	18.25 -0.49 0.00	17.62 -0.43 0.00	17.87 -0.57 0.00	19.47 -0.44 0.00	24.59 -0.61 0.00	25.85 -0.83 0.00	24.11 -0.62 0.00	23.26 -0.43 0.00	24.85 -0.58 0.00	24.87 -0.56 0.00	24.63 -0.30 0.00	29.92 -0.55 0.00	33.70 -0.17 0.00	35.61 -0.80 0.00	39.87 0.31 0.00	40.66 0.20 0.00	43.56 0.68 0.00	37.84 -0.77 0.00	31.97 -1.86 0.00	26.18 -1.82 0.00	23.81 -1.31 0.00	22.36 -0.55 0.00
ARKWRIGHT___SUMMIT_WT_PWR 323751	22.55 1.22 0.00	21.01 0.91 0.00	19.07 0.34 0.00	18.38 0.33 0.00	18.62 0.18 0.00	20.42 0.52 0.00	25.98 0.78 0.00	27.42 0.75 0.00	25.64 0.92 0.00	24.85 1.16 0.00	26.58 1.15 0.00	26.63 1.20 0.00	26.37 1.45 0.00	32.23 1.77 0.00	36.30 2.44 0.00	38.45 2.04 0.00	43.07 3.52 0.00	43.98 3.52 0.00	46.90 4.03 0.00	40.43 1.82 0.00	33.83 0.00 0.00	27.43 -0.56 0.00	24.74 -0.38 0.00	23.07 0.16 0.00
ARTHUR_KILL_GT_1 23520	22.67 1.32 -0.01	21.20 1.08 -0.01	19.73 0.99 -0.01	18.95 0.88 -0.01	19.35 0.90 -0.01	20.95 1.03 -0.01	28.42 1.76 -1.46	31.07 2.03 -2.37	30.04 2.10 -3.21	27.25 2.06 -1.51	30.23 2.21 -2.58	30.45 2.21 -2.81	31.44 2.27 -4.25	32.63 2.83 0.67	32.71 3.01 4.17	33.09 3.20 6.52	46.45 3.36 -3.53	54.91 3.80 -10.65	47.89 4.03 -0.99	34.81 3.40 7.20	32.71 2.67 3.79	31.16 2.46 -0.70	27.24 2.11 -0.01	24.52 1.60 -0.01
ARTHUR_KILL_2 23512	22.60 1.26 -0.01	21.14 1.02 -0.01	19.70 0.95 -0.01	18.90 0.83 -0.01	19.31 0.87 -0.01	20.91 0.99 -0.01	28.35 1.69 -1.46	30.99 1.95 -2.37	29.97 2.03 -3.21	27.18 1.99 -1.51	30.15 2.14 -2.58	30.38 2.14 -2.81	31.37 2.19 -4.25	32.54 2.74 0.67	32.61 2.91 4.17	32.98 3.09 6.52	46.33 3.24 -3.53	54.75 3.64 -10.65	47.72 3.86 -0.99	34.69 3.28 7.20	32.61 2.57 3.79	31.07 2.38 -0.70	27.19 2.06 -0.01	24.47 1.56 -0.01
ARTHUR_KILL_3 23513	22.45 1.11 0.00	20.95 0.84 0.00	19.48 0.75 0.00	18.67 0.61 0.00	19.08 0.64 0.00	20.72 0.82 0.00	28.27 1.61 -1.45	30.86 1.81 -2.37	29.88 1.93 -3.22	27.14 1.94 -1.52	30.03 2.01 -2.59	30.24 1.99 -2.82	31.20 2.02 -4.26	32.24 2.44 0.66	32.21 2.51 4.16	32.66 2.77 6.51	46.26 3.17 -3.54	54.47 3.36 -10.66	47.34 3.47 -0.99	34.47 3.05 7.19	32.28 2.23 3.78	30.89 2.19 -0.71	27.05 1.93 0.00	24.35 1.44 0.00
ARTHUR_KILL_COGEN 323718	22.67 1.32 -0.01	21.20 1.08 -0.01	19.73 0.99 -0.01	18.95 0.88 -0.01	19.35 0.90 -0.01	20.95 1.03 -0.01	28.42 1.76 -1.46	31.07 2.03 -2.37	30.04 2.10 -3.21	27.25 2.06 -1.51	30.23 2.21 -2.58	30.45 2.21 -2.81	31.44 2.27 -4.25	32.63 2.83 0.67	32.71 3.01 4.17	33.09 3.20 6.52	46.45 3.36 -3.53	54.91 3.80 -10.65	47.89 4.03 -0.99	34.81 3.40 7.20	32.71 2.67 3.79	31.16 2.46 -0.70	27.24 2.11 -0.01	24.52 1.60 -0.01
ASHOKAN____ 23654	22.38 1.05 0.00	20.93 0.82 0.00	19.50 0.77 0.00	18.78 0.72 0.00	19.03 0.59 0.00	20.36 0.46 0.00	26.15 0.73 -0.22	27.80 0.75 -0.38	26.01 0.77 -0.52	24.57 0.64 -0.24	26.44 0.59 -0.42	26.42 0.53 -0.45	27.27 1.05 -1.30	32.88 1.34 -1.08	35.74 1.59 -0.29	39.11 2.15 -0.55	44.47 2.85 -2.07	50.19 2.67 -7.06	50.97 3.04 -5.05	43.17 2.59 -1.97	36.20 2.27 -0.11	30.10 1.82 -0.29	26.38 1.26 0.00	23.85 0.94 0.00

ASTORIA_EAST_ENERGY_CC1 323581	22.40 1.07 0.01	20.92 0.82 0.01	19.47 0.75 0.01	18.68 0.63 0.01	19.09 0.66 0.01	20.69 0.80 0.01	28.23 1.59 -1.45	30.88 1.84 -2.37	29.89 1.95 -3.21	27.14 1.94 -1.51	30.02 2.01 -2.58	30.25 2.01 -2.81	31.22 2.04 -4.25	35.06 2.47 -2.13	38.00 2.57 -1.56	41.34 2.77 -2.16	46.02 2.93 -3.53	57.62 3.28 -13.89	56.63 3.39 -10.36	46.06 2.90 -4.55	36.59 2.30 -0.46	30.91 2.21 -0.70	27.05 1.93 0.01	24.34 1.44 0.01
ASTORIA_EAST_ENERGY_CC2 323582	22.40 1.07 0.01	20.92 0.82 0.01	19.47 0.75 0.01	18.68 0.63 0.01	19.09 0.66 0.01	20.69 0.80 0.01	28.23 1.59 -1.45	30.88 1.84 -2.37	29.89 1.95 -3.21	27.14 1.94 -1.51	30.02 2.01 -2.58	30.25 2.01 -2.81	31.22 2.04 -4.25	35.06 2.47 -2.13	38.00 2.57 -1.56	41.34 2.77 -2.16	46.02 2.93 -3.53	57.62 3.28 -13.89	56.63 3.39 -10.36	46.06 2.90 -4.55	36.59 2.30 -0.46	30.91 2.21 -0.70	27.05 1.93 0.01	24.34 1.44 0.01
ASTORIA_GT2_1 24094	22.45 1.13 0.02	20.93 0.84 0.02	19.50 0.79 0.02	18.83 0.79 0.02	19.21 0.79 0.02	20.71 0.82 0.02	28.25 1.61 -1.44	30.91 1.87 -2.37	29.94 2.00 -3.21	27.14 1.94 -1.51	30.05 2.03 -2.58	30.28 2.03 -2.81	31.24 2.07 -4.25	35.09 2.50 -2.13	38.14 2.71 -1.56	41.31 2.73 -2.17	46.06 2.97 -3.54	57.59 3.24 -13.90	56.63 3.39 -10.37	46.10 2.93 -4.56	36.70 2.40 -0.47	30.91 2.21 -0.70	27.06 1.96 0.02	24.33 1.44 0.02
ASTORIA_GT2_2 24095	22.45 1.13 0.02	20.93 0.84 0.02	19.50 0.79 0.02	18.83 0.79 0.02	19.21 0.79 0.02	20.71 0.82 0.02	28.25 1.61 -1.44	30.91 1.87 -2.37	29.94 2.00 -3.21	27.14 1.94 -1.51	30.05 2.03 -2.58	30.28 2.03 -2.81	31.24 2.07 -4.25	35.09 2.50 -2.13	38.14 2.71 -1.56	41.31 2.73 -2.17	46.06 2.97 -3.54	57.59 3.24 -13.90	56.63 3.39 -10.37	46.10 2.93 -4.56	36.70 2.40 -0.47	30.91 2.21 -0.70	27.06 1.96 0.02	24.33 1.44 0.02
ASTORIA_GT2_3 24096	22.45 1.13 0.02	20.93 0.84 0.02	19.50 0.79 0.02	18.83 0.79 0.02	19.21 0.79 0.02	20.71 0.82 0.02	28.25 1.61 -1.44	30.91 1.87 -2.37	29.94 2.00 -3.21	27.14 1.94 -1.51	30.05 2.03 -2.58	30.28 2.03 -2.81	31.24 2.07 -4.25	35.09 2.50 -2.13	38.14 2.71 -1.56	41.31 2.73 -2.17	46.06 2.97 -3.54	57.59 3.24 -13.90	56.63 3.39 -10.37	46.10 2.93 -4.56	36.70 2.40 -0.47	30.91 2.21 -0.70	27.06 1.96 0.02	24.33 1.44 0.02
ASTORIA_GT2_4 24097	22.45 1.13 0.02	20.93 0.84 0.02	19.50 0.79 0.02	18.83 0.79 0.02	19.21 0.79 0.02	20.71 0.82 0.02	28.25 1.61 -1.44	30.91 1.87 -2.37	29.94 2.00 -3.21	27.14 1.94 -1.51	30.05 2.03 -2.58	30.28 2.03 -2.81	31.24 2.07 -4.25	35.09 2.50 -2.13	38.14 2.71 -1.56	41.31 2.73 -2.17	46.06 2.97 -3.54	57.59 3.24 -13.90	56.63 3.39 -10.37	46.10 2.93 -4.56	36.70 2.40 -0.47	30.91 2.21 -0.70	27.06 1.96 0.02	24.33 1.44 0.02
ASTORIA_GT3_1 24098	22.45 1.13 0.02	20.93 0.84 0.02	19.50 0.79 0.02	18.83 0.79 0.02	19.21 0.79 0.02	20.71 0.82 0.02	28.25 1.61 -1.44	30.91 1.87 -2.37	29.94 2.00 -3.21	27.14 1.94 -1.51	30.05 2.03 -2.58	30.28 2.03 -2.81	31.24 2.07 -4.25	35.09 2.50 -2.13	38.14 2.71 -1.56	41.31 2.73 -2.17	46.06 2.97 -3.54	57.59 3.24 -13.90	56.63 3.39 -10.37	46.10 2.93 -4.56	36.70 2.40 -0.47	30.91 2.21 -0.70	27.06 1.96 0.02	24.33 1.44 0.02
ASTORIA_GT3_2 24099	22.45 1.13 0.02	20.93 0.84 0.02	19.50 0.79 0.02	18.83 0.79 0.02	19.21 0.79 0.02	20.71 0.82 0.02	28.25 1.61 -1.44	30.91 1.87 -2.37	29.94 2.00 -3.21	27.14 1.94 -1.51	30.05 2.03 -2.58	30.28 2.03 -2.81	31.24 2.07 -4.25	35.09 2.50 -2.13	38.14 2.71 -1.56	41.31 2.73 -2.17	46.06 2.97 -3.54	57.59 3.24 -13.90	56.63 3.39 -10.37	46.10 2.93 -4.56	36.70 2.40 -0.47	30.91 2.21 -0.70	27.06 1.96 0.02	24.33 1.44 0.02
ASTORIA_GT3_3 24100	22.45 1.13 0.02	20.93 0.84 0.02	19.50 0.79 0.02	18.83 0.79 0.02	19.21 0.79 0.02	20.71 0.82 0.02	28.25 1.61 -1.44	30.91 1.87 -2.37	29.94 2.00 -3.21	27.14 1.94 -1.51	30.05 2.03 -2.58	30.28 2.03 -2.81	31.24 2.07 -4.25	35.09 2.50 -2.13	38.14 2.71 -1.56	41.31 2.73 -2.17	46.06 2.97 -3.54	57.59 3.24 -13.90	56.63 3.39 -10.37	46.10 2.93 -4.56	36.70 2.40 -0.47	30.91 2.21 -0.70	27.06 1.96 0.02	24.33 1.44 0.02
ASTORIA_GT3_4 24101	22.45 1.13 0.02	20.93 0.84 0.02	19.50 0.79 0.02	18.83 0.79 0.02	19.21 0.79 0.02	20.71 0.82 0.02	28.25 1.61 -1.44	30.91 1.87 -2.37	29.94 2.00 -3.21	27.14 1.94 -1.51	30.05 2.03 -2.58	30.28 2.03 -2.81	31.24 2.07 -4.25	35.09 2.50 -2.13	38.14 2.71 -1.56	41.31 2.73 -2.17	46.06 2.97 -3.54	57.59 3.24 -13.90	56.63 3.39 -10.37	46.10 2.93 -4.56	36.70 2.40 -0.47	30.91 2.21 -0.70	27.06 1.96 0.02	24.33 1.44 0.02
ASTORIA_GT4_1 24102	22.45 1.13 0.02	20.93 0.84 0.02	19.50 0.79 0.02	18.83 0.79 0.02	19.21 0.79 0.02	20.71 0.82 0.02	28.25 1.61 -1.44	30.91 1.87 -2.37	29.94 2.00 -3.21	27.14 1.94 -1.51	30.05 2.03 -2.58	30.28 2.03 -2.81	31.24 2.07 -4.25	35.09 2.50 -2.13	38.14 2.71 -1.56	41.31 2.73 -2.17	46.06 2.97 -3.54	57.59 3.24 -13.90	56.63 3.39 -10.37	46.10 2.93 -4.56	36.70 2.40 -0.47	30.91 2.21 -0.70	27.06 1.96 0.02	24.33 1.44 0.02
ASTORIA_GT4_2 24103	22.45 1.13 0.02	20.93 0.84 0.02	19.50 0.79 0.02	18.83 0.79 0.02	19.21 0.79 0.02	20.71 0.82 0.02	28.25 1.61 -1.44	30.91 1.87 -2.37	29.94 2.00 -3.21	27.14 1.94 -1.51	30.05 2.03 -2.58	30.28 2.03 -2.81	31.24 2.07 -4.25	35.09 2.50 -2.13	38.14 2.71 -1.56	41.31 2.73 -2.17	46.06 2.97 -3.54	57.59 3.24 -13.90	56.63 3.39 -10.37	46.10 2.93 -4.56	36.70 2.40 -0.47	30.91 2.21 -0.70	27.06 1.96 0.02	24.33 1.44 0.02
ASTORIA_GT4_3 24104	22.45 1.13 0.02	20.93 0.84 0.02	19.50 0.79 0.02	18.83 0.79 0.02	19.21 0.79 0.02	20.71 0.82 0.02	28.25 1.61 -1.44	30.91 1.87 -2.37	29.94 2.00 -3.21	27.14 1.94 -1.51	30.05 2.03 -2.58	30.28 2.03 -2.81	31.24 2.07 -4.25	35.09 2.50 -2.13	38.14 2.71 -1.56	41.31 2.73 -2.17	46.06 2.97 -3.54	57.59 3.24 -13.90	56.63 3.39 -10.37	46.10 2.93 -4.56	36.70 2.40 -0.47	30.91 2.21 -0.70	27.06 1.96 0.02	24.33 1.44 0.02
ASTORIA_GT4_4 24105	22.45 1.13 0.02	20.93 0.84 0.02	19.50 0.79 0.02	18.83 0.79 0.02	19.21 0.79 0.02	20.71 0.82 0.02	28.25 1.61 -1.44	30.91 1.87 -2.37	29.94 2.00 -3.21	27.14 1.94 -1.51	30.05 2.03 -2.58	30.28 2.03 -2.81	31.24 2.07 -4.25	35.09 2.50 -2.13	38.14 2.71 -1.56	41.31 2.73 -2.17	46.06 2.97 -3.54	57.59 3.24 -13.90	56.63 3.39 -10.37	46.10 2.93 -4.56	36.70 2.40 -0.47	30.91 2.21 -0.70	27.06 1.96 0.02	24.33 1.44 0.02
ASTORIA_GT_1 23523	22.46 1.13 0.01	20.96 0.86 0.01	19.51 0.79 0.01	18.72 0.67 0.01	19.13 0.70 0.01	20.73 0.84 0.01	28.31 1.66 -1.45	30.96 1.92 -2.37	29.97 2.03 -3.21	27.21 2.01 -1.51	30.10 2.09 -2.58	30.33 2.09 -2.81	31.29 2.12 -4.25	35.16 2.56 -2.13	38.10 2.67 -1.56	41.45 2.88 -2.16	46.13 3.05 -3.53	57.75 3.40 -13.89	56.76 3.52 -10.36	46.17 3.01 -4.55	36.66 2.37 -0.46	30.96 2.27 -0.70	27.10 1.98 0.01	24.39 1.49 0.01

ASTORIA_GT_10 24110	22.66 1.32 0.00	21.13 1.03 0.00	19.69 0.96 0.00	18.99 0.94 0.00	19.38 0.94 0.00	20.90 1.00 0.00	28.49 1.84 -1.45	33.92 2.08 -5.16	38.00 2.18 -11.09	37.94 2.11 -12.15	37.97 2.21 -10.33	38.23 2.21 -10.58	38.48 2.24 -11.31	38.77 2.71 -5.60	38.65 2.95 -1.84	41.60 3.02 -2.17	46.38 3.28 -3.54	57.88 3.52 -13.90	56.98 3.73 -10.37	46.37 3.20 -4.56	36.90 2.60 -0.47	32.97 2.44 -2.54	27.28 2.16 0.00	24.53 1.63 0.00
ASTORIA_GT_11 24225	22.66 1.32 0.00	21.13 1.03 0.00	19.69 0.96 0.00	18.99 0.94 0.00	19.38 0.94 0.00	20.90 1.00 0.00	28.49 1.84 -1.45	33.92 2.08 -5.16	38.00 2.18 -11.09	37.94 2.11 -12.15	37.97 2.21 -10.33	38.23 2.21 -10.58	38.48 2.24 -11.31	38.77 2.71 -5.60	38.65 2.95 -1.84	41.60 3.02 -2.17	46.38 3.28 -3.54	57.88 3.52 -13.90	56.98 3.73 -10.37	46.37 3.20 -4.56	36.90 2.60 -0.47	32.97 2.44 -2.54	27.28 2.16 0.00	24.53 1.63 0.00
ASTORIA_GT_12 24226	22.66 1.32 0.00	21.13 1.03 0.00	19.69 0.96 0.00	18.99 0.94 0.00	19.38 0.94 0.00	20.90 1.00 0.00	28.49 1.84 -1.45	33.92 2.08 -5.16	38.00 2.18 -11.09	37.94 2.11 -12.15	37.97 2.21 -10.33	38.23 2.21 -10.58	38.48 2.24 -11.31	38.77 2.71 -5.60	38.65 2.95 -1.84	41.60 3.02 -2.17	46.38 3.28 -3.54	57.88 3.52 -13.90	56.98 3.73 -10.37	46.37 3.20 -4.56	36.90 2.60 -0.47	32.97 2.44 -2.54	27.28 2.16 0.00	24.53 1.63 0.00
ASTORIA_GT_13 24227	22.66 1.32 0.00	21.13 1.03 0.00	19.69 0.96 0.00	18.99 0.94 0.00	19.38 0.94 0.00	20.90 1.00 0.00	28.49 1.84 -1.45	33.92 2.08 -5.16	38.00 2.18 -11.09	37.94 2.11 -12.15	37.97 2.21 -10.33	38.23 2.21 -10.58	38.48 2.24 -11.31	38.77 2.71 -5.60	38.65 2.95 -1.84	41.60 3.02 -2.17	46.38 3.28 -3.54	57.88 3.52 -13.90	56.98 3.73 -10.37	46.37 3.20 -4.56	36.90 2.60 -0.47	32.97 2.44 -2.54	27.28 2.16 0.00	24.53 1.63 0.00
ASTORIA_GT_5 24106	22.46 1.13 0.01	20.96 0.86 0.01	19.51 0.79 0.01	18.72 0.67 0.01	19.13 0.70 0.01	20.73 0.84 0.01	28.31 1.66 -1.45	30.96 1.92 -2.37	29.97 2.03 -3.21	27.21 2.01 -1.51	30.10 2.09 -2.58	30.33 2.09 -2.81	31.29 2.12 -4.25	35.16 2.56 -2.13	38.10 2.67 -1.56	41.45 2.88 -2.16	46.13 3.05 -3.53	57.75 3.40 -13.89	56.76 3.52 -10.36	46.17 3.01 -4.55	36.66 2.37 -0.46	30.96 2.27 -0.70	27.10 1.98 0.01	24.39 1.49 0.01
ASTORIA_GT_7 24107	22.46 1.13 0.01	20.96 0.86 0.01	19.51 0.79 0.01	18.72 0.67 0.01	19.13 0.70 0.01	20.73 0.84 0.01	28.31 1.66 -1.45	30.96 1.92 -2.37	29.97 2.03 -3.21	27.21 2.01 -1.51	30.10 2.09 -2.58	30.33 2.09 -2.81	31.29 2.12 -4.25	35.16 2.56 -2.13	38.10 2.67 -1.56	41.45 2.88 -2.16	46.13 3.05 -3.53	57.75 3.40 -13.89	56.76 3.52 -10.36	46.17 3.01 -4.55	36.66 2.37 -0.46	30.96 2.27 -0.70	27.10 1.98 0.01	24.39 1.49 0.01
ASTORIA_GT_8 24108	22.50 1.17 0.02	20.95 0.86 0.02	19.52 0.81 0.02	18.85 0.81 0.02	19.25 0.83 0.02	20.75 0.86 0.02	28.30 1.66 -1.44	30.96 1.92 -2.37	29.99 2.05 -3.21	27.21 2.01 -1.51	30.10 2.09 -2.58	30.33 2.09 -2.81	31.29 2.12 -4.25	35.16 2.56 -2.13	38.20 2.78 -1.56	41.42 2.84 -2.17	46.14 3.05 -3.54	57.71 3.36 -13.90	56.76 3.52 -10.37	46.18 3.01 -4.56	36.77 2.47 -0.47	30.96 2.27 -0.70	27.11 2.01 0.02	24.38 1.49 0.02
ASTORIA___2 24149	22.42 1.09 0.01	20.92 0.82 0.01	19.49 0.77 0.01	18.68 0.63 0.01	19.09 0.66 0.01	20.71 0.82 0.01	28.26 1.61 -1.45	30.91 1.87 -2.37	29.92 1.98 -3.21	27.14 1.94 -1.51	30.05 2.04 -2.58	30.28 2.04 -2.81	31.24 2.07 -4.25	35.09 2.50 -2.13	38.03 2.61 -1.56	41.37 2.80 -2.16	46.06 2.97 -3.53	57.62 3.28 -13.89	56.63 3.39 -10.36	46.09 2.93 -4.55	36.59 2.30 -0.46	30.91 2.21 -0.70	27.05 1.93 0.01	24.34 1.44 0.01
ASTORIA___3 23516	22.63 1.28 -0.01	21.14 1.02 -0.01	19.68 0.94 -0.01	18.86 0.79 -0.01	19.28 0.83 -0.01	20.91 0.99 -0.01	28.50 1.84 -1.46	33.92 2.08 -5.16	37.97 2.15 -11.09	37.94 2.11 -12.15	37.97 2.21 -10.33	38.22 2.21 -10.58	38.48 2.24 -11.31	38.77 2.71 -5.60	38.55 2.84 -1.84	41.64 3.06 -2.17	46.34 3.24 -3.54	57.92 3.56 -13.90	56.98 3.73 -10.37	46.37 3.20 -4.56	36.84 2.54 -0.47	32.97 2.43 -2.54	27.26 2.13 -0.01	24.54 1.63 -0.01
ASTORIA___4 23517	22.66 1.32 0.00	21.13 1.03 0.00	19.69 0.96 0.00	18.99 0.94 0.00	19.38 0.94 0.00	20.90 1.00 0.00	28.49 1.84 -1.45	33.92 2.08 -5.16	38.00 2.18 -11.09	37.94 2.11 -12.15	37.97 2.21 -10.33	38.23 2.21 -10.58	38.48 2.24 -11.31	38.77 2.71 -5.60	38.65 2.95 -1.84	41.60 3.02 -2.17	46.38 3.28 -3.54	57.88 3.52 -13.90	56.98 3.73 -10.37	46.37 3.20 -4.56	36.90 2.60 -0.47	32.97 2.44 -2.54	27.28 2.16 0.00	24.53 1.63 0.00
ASTORIA___5 23518	22.63 1.28 -0.01	21.14 1.02 -0.01	19.68 0.94 -0.01	18.86 0.79 -0.01	19.28 0.83 -0.01	20.91 0.99 -0.01	28.50 1.84 -1.46	33.92 2.08 -5.16	37.97 2.15 -11.09	37.94 2.11 -12.15	37.97 2.21 -10.33	38.22 2.21 -10.58	38.48 2.24 -11.31	38.77 2.71 -5.60	38.55 2.84 -1.84	41.64 3.06 -2.17	46.34 3.24 -3.54	57.92 3.56 -13.90	56.93 3.69 -10.37	46.37 3.20 -4.56	36.84 2.54 -0.47	32.97 2.43 -2.54	27.26 2.13 -0.01	24.54 1.63 -0.01
AST_ENERGY_2_CC3 323677	22.49 1.15 0.00	21.01 0.91 0.00	19.56 0.82 0.00	18.74 0.69 0.00	19.16 0.72 0.00	20.78 0.87 0.00	28.31 1.66 -1.45	30.94 1.89 -2.37	29.95 2.00 -3.22	27.19 1.99 -1.52	30.08 2.06 -2.59	30.31 2.06 -2.82	31.28 2.09 -4.26	35.16 2.56 -2.14	38.11 2.67 -1.57	41.49 2.91 -2.17	46.46 3.36 -3.54	57.92 3.56 -13.90	56.94 3.69 -10.37	46.37 3.20 -4.56	36.67 2.37 -0.47	30.97 2.27 -0.71	27.10 1.98 0.00	24.40 1.49 0.00
AST_ENERGY_2_CC4 323678	22.49 1.15 0.00	21.01 0.91 0.00	19.56 0.82 0.00	18.74 0.69 0.00	19.16 0.72 0.00	20.78 0.87 0.00	28.31 1.66 -1.45	30.94 1.89 -2.37	29.95 2.00 -3.22	27.19 1.99 -1.52	30.08 2.06 -2.59	30.31 2.06 -2.82	31.28 2.09 -4.26	35.16 2.56 -2.14	38.11 2.67 -1.57	41.49 2.91 -2.17	46.46 3.36 -3.54	57.92 3.56 -13.90	56.94 3.69 -10.37	46.37 3.20 -4.56	36.67 2.37 -0.47	30.97 2.27 -0.71	27.10 1.98 0.00	24.40 1.49 0.00
ATHENS_STG_1 23668	21.91 0.58 0.00	20.57 0.46 0.00	19.26 0.52 0.00	18.54 0.49 0.00	18.95 0.52 0.00	20.36 0.46 0.00	26.68 0.83 -0.65	28.72 0.99 -1.06	27.13 0.96 -1.44	25.31 0.95 -0.68	27.53 0.94 -1.16	27.60 0.91 -1.26	27.77 0.87 -1.97	32.50 1.04 -1.00	35.47 1.01 -0.59	38.50 1.20 -0.89	42.77 1.46 -1.75	49.21 1.74 -7.02	49.86 1.80 -5.18	42.37 1.55 -2.21	35.28 1.25 -0.21	29.48 1.15 -0.34	26.20 1.08 0.00	23.69 0.78 0.00
ATHENS_STG_2 23670	21.91 0.58 0.00	20.57 0.46 0.00	19.26 0.52 0.00	18.54 0.49 0.00	18.95 0.52 0.00	20.36 0.46 0.00	26.68 0.83 -0.65	28.72 0.99 -1.06	27.13 0.96 -1.44	25.31 0.95 -0.68	27.53 0.94 -1.16	27.60 0.91 -1.26	27.77 0.87 -1.97	32.50 1.04 -1.00	35.47 1.01 -0.59	38.50 1.20 -0.89	42.77 1.46 -1.75	49.21 1.74 -7.02	49.86 1.80 -5.18	42.37 1.55 -2.21	35.28 1.25 -0.21	29.48 1.15 -0.34	26.20 1.08 0.00	23.69 0.78 0.00

ATHENS_STG_3 23677	21.91 0.58 0.00	20.57 0.46 0.00	19.26 0.52 0.00	18.54 0.49 0.00	18.95 0.52 0.00	20.36 0.46 0.00	26.68 0.83 -0.65	28.72 0.99 -1.06	27.13 0.96 -1.44	25.31 0.95 -0.68	27.53 0.94 -1.16	27.60 0.91 -1.26	27.77 0.87 -1.97	32.50 1.04 -1.00	35.47 1.01 -0.59	38.50 1.20 -0.89	42.77 1.46 -1.75	49.21 1.74 -7.02	49.86 1.80 -5.18	42.37 1.55 -2.21	35.28 1.25 -0.21	29.48 1.15 -0.34	26.20 1.08 0.00	23.69 0.78 0.00
AUBURN____LFGE 323710	21.74 0.41 0.00	20.29 0.18 0.00	18.83 0.09 0.00	18.18 0.13 0.00	18.59 0.15 0.00	20.10 0.20 0.00	25.63 0.43 0.00	27.08 0.40 0.00	25.00 0.27 0.00	23.97 0.28 0.00	25.79 0.36 0.00	25.79 0.36 0.00	25.30 0.37 0.00	30.95 0.49 0.00	34.44 0.58 0.00	37.14 0.73 0.00	40.98 1.42 0.00	41.99 1.54 0.00	44.59 1.71 0.00	39.85 1.24 0.00	34.54 0.71 0.00	28.58 0.59 0.00	25.60 0.48 0.00	23.50 0.60 0.00
BABYLON_RES_REC 323704	23.60 1.77 -0.49	22.62 1.55 -0.96	20.50 1.42 -0.34	19.27 1.07 -0.15	19.72 1.14 -0.14	21.67 1.53 -0.23	29.82 2.57 -2.05	32.45 2.80 -2.98	31.40 2.79 -3.88	28.56 2.68 -2.20	31.06 2.72 -2.90	31.29 2.69 -3.16	32.19 2.67 -4.59	35.80 3.02 -2.32	39.89 3.42 -2.60	42.67 3.93 -2.33	51.70 4.35 -7.80	59.29 4.57 -14.27	58.76 4.89 -10.99	49.22 4.21 -6.40	39.52 3.38 -2.31	33.93 3.05 -2.88	30.52 2.81 -2.59	25.88 2.29 -0.68
BABYLON__69_KV_BK2 356345	24.61 2.09 -1.18	24.09 1.67 -2.31	21.11 1.55 -0.82	19.79 1.37 -0.36	20.24 1.46 -0.35	22.12 1.65 -0.56	30.83 2.75 -2.89	33.51 3.01 -3.82	32.52 2.97 -4.82	29.70 2.87 -3.15	31.68 2.90 -3.35	31.96 2.87 -3.66	32.89 2.84 -5.12	36.46 3.29 -2.70	42.47 3.89 -4.71	43.23 4.19 -2.64	52.98 4.51 -8.92	60.24 4.73 -15.05	60.40 5.23 -12.30	51.51 4.44 -8.46	42.87 3.79 -5.26	35.40 3.28 -4.13	31.47 3.01 -3.34	26.99 2.45 -1.63
BALL_HILL_WT_PWR 323825	22.06 0.73 0.00	20.63 0.52 0.00	18.71 -0.02 0.00	17.55 -0.51 0.00	17.90 -0.53 0.00	20.10 0.20 0.00	25.63 0.43 0.00	26.92 0.24 0.00	25.15 0.42 0.00	24.30 0.62 0.00	26.04 0.61 0.00	26.07 0.64 0.00	25.80 0.87 0.00	31.47 1.01 0.00	34.58 0.71 0.00	37.06 0.66 0.00	41.89 2.33 0.00	42.72 2.27 0.00	45.79 2.92 0.00	39.65 1.04 0.00	33.39 -0.44 0.00	27.35 -0.64 0.00	24.67 -0.45 0.00	23.18 0.27 0.00
BARON_WINDS____WT_PWR 323822	22.10 0.77 0.00	20.67 0.56 0.00	18.96 0.23 0.00	18.27 0.22 0.00	18.60 0.17 0.00	20.30 0.40 0.00	25.83 0.63 0.00	27.31 0.64 0.00	25.37 0.64 0.00	24.39 0.71 0.00	26.14 0.71 0.00	26.14 0.71 0.00	25.77 0.85 0.00	31.44 0.97 0.00	35.25 1.39 0.00	37.61 1.20 0.00	41.89 2.33 0.00	42.88 2.43 0.00	45.70 2.83 0.00	40.08 1.47 0.00	34.07 0.24 0.00	27.97 -0.03 0.00	25.22 0.10 0.00	23.34 0.43 0.00
BARRETT_IC_1 23704	22.87 1.54 0.00	21.40 1.29 0.00	19.93 1.20 0.00	18.94 0.88 0.00	19.37 0.94 0.00	21.18 1.28 0.01	28.82 2.17 -1.45	31.36 2.32 -2.37	30.34 2.40 -3.21	27.57 2.37 -1.52	30.30 2.29 -2.58	30.48 2.24 -2.81	31.41 2.24 -4.24	35.16 2.56 -2.14	38.28 2.84 -1.57	41.83 3.24 -2.18	50.48 3.68 -7.25	58.06 3.72 -13.88	57.13 3.90 -10.36	47.55 3.55 -5.39	37.43 2.74 -0.86	32.78 2.52 -2.26	29.81 2.44 -2.25	24.83 1.92 0.00
BARRETT_IC_10 23701	22.87 1.54 0.00	21.40 1.29 0.00	19.93 1.20 0.00	18.94 0.88 0.00	19.37 0.94 0.00	21.18 1.28 0.01	28.82 2.17 -1.45	31.36 2.32 -2.37	30.34 2.40 -3.21	27.57 2.37 -1.52	30.30 2.29 -2.58	30.48 2.24 -2.81	31.41 2.24 -4.24	35.16 2.56 -2.14	38.28 2.84 -1.57	41.83 3.24 -2.18	50.48 3.68 -7.25	58.06 3.72 -13.88	57.13 3.90 -10.36	47.55 3.55 -5.39	37.43 2.74 -0.86	32.78 2.52 -2.26	29.81 2.44 -2.25	24.83 1.92 0.00
BARRETT_IC_11 23702	22.87 1.54 0.00	21.40 1.29 0.00	19.93 1.20 0.00	18.94 0.88 0.00	19.37 0.94 0.00	21.18 1.28 0.01	28.82 2.17 -1.45	31.36 2.32 -2.37	30.34 2.40 -3.21	27.57 2.37 -1.52	30.30 2.29 -2.58	30.48 2.24 -2.81	31.41 2.24 -4.24	35.16 2.56 -2.14	38.28 2.84 -1.57	41.83 3.24 -2.18	50.48 3.68 -7.25	58.06 3.72 -13.88	57.13 3.90 -10.36	47.55 3.55 -5.39	37.43 2.74 -0.86	32.78 2.52 -2.26	29.81 2.44 -2.25	24.83 1.92 0.00
BARRETT_IC_12 23703	22.87 1.54 0.00	21.40 1.29 0.00	19.93 1.20 0.00	18.94 0.88 0.00	19.37 0.94 0.00	21.18 1.28 0.01	28.82 2.17 -1.45	31.36 2.32 -2.37	30.34 2.40 -3.21	27.57 2.37 -1.52	30.30 2.29 -2.58	30.48 2.24 -2.81	31.41 2.24 -4.24	35.16 2.56 -2.14	38.28 2.84 -1.57	41.83 3.24 -2.18	50.48 3.68 -7.25	58.06 3.72 -13.88	57.13 3.90 -10.36	47.55 3.55 -5.39	37.43 2.74 -0.86	32.78 2.52 -2.26	29.81 2.44 -2.25	24.83 1.92 0.00
BARRETT_IC_2 23705	22.87 1.54 0.00	21.40 1.29 0.00	19.93 1.20 0.00	18.94 0.88 0.00	19.37 0.94 0.00	21.18 1.28 0.01	28.82 2.17 -1.45	31.36 2.32 -2.37	30.34 2.40 -3.21	27.57 2.37 -1.52	30.30 2.29 -2.58	30.48 2.24 -2.81	31.41 2.24 -4.24	35.16 2.56 -2.14	38.28 2.84 -1.57	41.83 3.24 -2.18	50.48 3.68 -7.25	58.06 3.72 -13.88	57.13 3.90 -10.36	47.55 3.55 -5.39	37.43 2.74 -0.86	32.78 2.52 -2.26	29.81 2.44 -2.25	24.83 1.92 0.00
BARRETT_IC_3 23706	22.87 1.54 0.00	21.40 1.29 0.00	19.93 1.20 0.00	18.94 0.88 0.00	19.37 0.94 0.00	21.18 1.28 0.01	28.82 2.17 -1.45	31.36 2.32 -2.37	30.34 2.40 -3.21	27.57 2.37 -1.52	30.30 2.29 -2.58	30.48 2.24 -2.81	31.41 2.24 -4.24	35.16 2.56 -2.14	38.28 2.84 -1.57	41.83 3.24 -2.18	50.48 3.68 -7.25	58.06 3.72 -13.88	57.13 3.90 -10.36	47.55 3.55 -5.39	37.43 2.74 -0.86	32.78 2.52 -2.26	29.81 2.44 -2.25	24.83 1.92 0.00
BARRETT_IC_4 23707	22.87 1.54 0.00	21.40 1.29 0.00	19.93 1.20 0.00	18.94 0.88 0.00	19.37 0.94 0.00	21.18 1.28 0.01	28.82 2.17 -1.45	31.36 2.32 -2.37	30.34 2.40 -3.21	27.57 2.37 -1.52	30.30 2.29 -2.58	30.48 2.24 -2.81	31.41 2.24 -4.24	35.16 2.56 -2.14	38.28 2.84 -1.57	41.83 3.24 -2.18	50.48 3.68 -7.25	58.06 3.72 -13.88	57.13 3.90 -10.36	47.55 3.55 -5.39	37.43 2.74 -0.86	32.78 2.52 -2.26	29.81 2.44 -2.25	24.83 1.92 0.00
BARRETT_IC_5 23708	22.87 1.54 0.00	21.40 1.29 0.00	19.93 1.20 0.00	18.94 0.88 0.00	19.37 0.94 0.00	21.18 1.28 0.01	28.82 2.17 -1.45	31.36 2.32 -2.37	30.34 2.40 -3.21	27.57 2.37 -1.52	30.30 2.29 -2.58	30.48 2.24 -2.81	31.41 2.24 -4.24	35.16 2.56 -2.14	38.28 2.84 -1.57	41.83 3.24 -2.18	50.48 3.68 -7.25	58.06 3.72 -13.88	57.13 3.90 -10.36	47.55 3.55 -5.39	37.43 2.74 -0.86	32.78 2.52 -2.26	29.81 2.44 -2.25	24.83 1.92 0.00
BARRETT_IC_6 23709	22.87 1.54 0.00	21.40 1.29 0.00	19.93 1.20 0.00	18.94 0.88 0.00	19.37 0.94 0.00	21.18 1.28 0.01	28.82 2.17 -1.45	31.36 2.32 -2.37	30.34 2.40 -3.21	27.57 2.37 -1.52	30.30 2.29 -2.58	30.48 2.24 -2.81	31.41 2.24 -4.24	35.16 2.56 -2.14	38.28 2.84 -1.57	41.83 3.24 -2.18	50.48 3.68 -7.25	58.06 3.72 -13.88	57.13 3.90 -10.36	47.55 3.55 -5.39	37.43 2.74 -0.86	32.78 2.52 -2.26	29.81 2.44 -2.25	24.83 1.92 0.00

BARRETT_IC_7 23710	22.96 1.62 0.00	21.40 1.29 0.00	19.94 1.22 0.01	19.10 1.05 0.00	19.54 1.11 0.00	21.17 1.27 0.01	28.82 2.17 -1.45	31.39 2.35 -2.37	30.31 2.37 -3.21	27.54 2.34 -1.52	30.30 2.29 -2.58	30.47 2.24 -2.80	31.41 2.24 -4.24	35.16 2.56 -2.14	38.45 3.01 -1.57	41.76 3.17 -2.18	50.40 3.60 -7.25	57.98 3.64 -13.88	57.13 3.90 -10.36	47.56 3.55 -5.39	37.46 2.77 -0.86	32.78 2.52 -2.26	29.81 2.44 -2.25	24.83 1.92 0.00
BARRETT_IC_8 23711	22.87 1.54 0.00	21.40 1.29 0.00	19.93 1.20 0.00	18.94 0.88 0.00	19.37 0.94 0.00	21.18 1.28 0.01	28.82 2.17 -1.45	31.36 2.32 -2.37	30.34 2.40 -3.21	27.57 2.37 -1.52	30.30 2.29 -2.58	30.48 2.24 -2.81	31.41 2.24 -4.24	35.16 2.56 -2.14	38.28 2.84 -1.57	41.83 3.24 -2.18	50.48 3.68 -7.25	58.06 3.72 -13.88	57.13 3.90 -10.36	47.55 3.55 -5.39	37.43 2.74 -0.86	32.78 2.52 -2.26	29.81 2.44 -2.25	24.83 1.92 0.00
BARRETT_IC_9 23700	22.87 1.54 0.00	21.40 1.29 0.00	19.93 1.20 0.00	18.94 0.88 0.00	19.37 0.94 0.00	21.18 1.28 0.01	28.82 2.17 -1.45	31.36 2.32 -2.37	30.34 2.40 -3.21	27.57 2.37 -1.52	30.30 2.29 -2.58	30.48 2.24 -2.81	31.41 2.24 -4.24	35.16 2.56 -2.14	38.28 2.84 -1.57	41.83 3.24 -2.18	50.48 3.68 -7.25	58.06 3.72 -13.88	57.13 3.90 -10.36	47.55 3.55 -5.39	37.43 2.74 -0.86	32.78 2.52 -2.26	29.81 2.44 -2.25	24.83 1.92 0.00
BARRETT___1 23545	22.87 1.54 0.00	21.40 1.29 0.00	19.93 1.20 0.00	18.94 0.88 0.00	19.37 0.94 0.00	21.18 1.28 0.01	28.82 2.17 -1.45	31.36 2.32 -2.37	30.34 2.40 -3.21	27.57 2.37 -1.52	30.30 2.29 -2.58	30.48 2.24 -2.81	31.41 2.24 -4.24	35.16 2.56 -2.14	38.28 2.84 -1.57	41.83 3.24 -2.18	50.48 3.68 -7.25	58.06 3.72 -13.88	57.13 3.90 -10.36	47.55 3.55 -5.39	37.43 2.74 -0.86	32.78 2.52 -2.26	29.81 2.44 -2.25	24.83 1.92 0.00
BARRETT___2 23546	22.87 1.54 0.00	21.40 1.29 0.00	19.93 1.20 0.00	18.94 0.88 0.00	19.37 0.94 0.00	21.18 1.28 0.01	28.82 2.17 -1.45	31.36 2.32 -2.37	30.34 2.40 -3.21	27.57 2.37 -1.52	30.30 2.29 -2.58	30.48 2.24 -2.81	31.41 2.24 -4.24	35.16 2.56 -2.14	38.28 2.84 -1.57	41.83 3.24 -2.18	50.48 3.68 -7.25	58.06 3.72 -13.88	57.13 3.90 -10.36	47.55 3.55 -5.39	37.43 2.74 -0.86	32.78 2.52 -2.26	29.81 2.44 -2.25	24.83 1.92 0.00
BATAVIA___115KV_TB1 55881	21.96 0.62 0.00	20.61 0.50 0.00	18.77 0.04 0.00	17.60 -0.45 0.00	17.98 -0.46 0.00	20.16 0.26 0.00	25.58 0.38 0.00	26.84 0.16 0.00	24.95 0.22 0.00	23.97 0.28 0.00	25.71 0.28 0.00	25.76 0.33 0.00	25.52 0.60 0.00	31.10 0.64 0.00	34.24 0.37 0.00	36.74 0.33 0.00	41.53 1.98 0.00	42.40 1.94 0.00	45.53 2.66 0.00	39.73 1.12 0.00	33.62 -0.20 0.00	27.57 -0.42 0.00	24.84 -0.28 0.00	23.27 0.37 0.00
BAYONEEC___CTG1 323682	22.51 1.17 0.00	21.01 0.91 0.00	19.56 0.82 0.00	18.76 0.70 0.00	19.16 0.72 0.00	20.78 0.87 0.00	28.37 1.71 -1.45	30.97 1.92 -2.37	29.98 2.03 -3.22	27.21 2.01 -1.52	30.11 2.09 -2.59	30.34 2.09 -2.82	31.30 2.12 -4.26	32.36 2.56 0.66	32.38 2.67 4.16	32.81 2.91 6.51	46.45 3.36 -3.54	54.67 3.56 -10.66	47.56 3.69 -0.99	34.62 3.20 7.19	32.42 2.37 3.78	31.00 2.30 -0.71	27.13 2.01 0.00	24.42 1.51 0.00
BAYONEEC___CTG10 323750	22.51 1.17 0.00	21.01 0.91 0.00	19.56 0.82 0.00	18.76 0.70 0.00	19.16 0.72 0.00	20.78 0.87 0.00	28.37 1.71 -1.45	30.97 1.92 -2.37	29.98 2.03 -3.22	27.21 2.01 -1.52	30.11 2.09 -2.59	30.34 2.09 -2.82	31.30 2.12 -4.26	32.36 2.56 0.66	32.38 2.67 4.16	32.81 2.91 6.51	46.45 3.36 -3.54	54.67 3.56 -10.66	47.56 3.69 -0.99	34.62 3.20 7.19	32.42 2.37 3.78	31.00 2.30 -0.71	27.13 2.01 0.00	24.42 1.51 0.00
BAYONEEC___CTG2 323683	22.51 1.17 0.00	21.01 0.91 0.00	19.56 0.82 0.00	18.76 0.70 0.00	19.16 0.72 0.00	20.78 0.87 0.00	28.37 1.71 -1.45	30.97 1.92 -2.37	29.98 2.03 -3.22	27.21 2.01 -1.52	30.11 2.09 -2.59	30.34 2.09 -2.82	31.30 2.12 -4.26	32.36 2.56 0.66	32.38 2.67 4.16	32.81 2.91 6.51	46.45 3.36 -3.54	54.67 3.56 -10.66	47.56 3.69 -0.99	34.62 3.20 7.19	32.42 2.37 3.78	31.00 2.30 -0.71	27.13 2.01 0.00	24.42 1.51 0.00
BAYONEEC___CTG3 323684	22.51 1.17 0.00	21.01 0.91 0.00	19.56 0.82 0.00	18.76 0.70 0.00	19.16 0.72 0.00	20.78 0.87 0.00	28.37 1.71 -1.45	30.97 1.92 -2.37	29.98 2.03 -3.22	27.21 2.01 -1.52	30.11 2.09 -2.59	30.34 2.09 -2.82	31.30 2.12 -4.26	32.36 2.56 0.66	32.38 2.67 4.16	32.81 2.91 6.51	46.45 3.36 -3.54	54.67 3.56 -10.66	47.56 3.69 -0.99	34.62 3.20 7.19	32.42 2.37 3.78	31.00 2.30 -0.71	27.13 2.01 0.00	24.42 1.51 0.00
BAYONEEC___CTG4 323685	22.51 1.17 0.00	21.01 0.91 0.00	19.56 0.82 0.00	18.76 0.70 0.00	19.16 0.72 0.00	20.78 0.87 0.00	28.37 1.71 -1.45	30.97 1.92 -2.37	29.98 2.03 -3.22	27.21 2.01 -1.52	30.11 2.09 -2.59	30.34 2.09 -2.82	31.30 2.12 -4.26	32.36 2.56 0.66	32.38 2.67 4.16	32.81 2.91 6.51	46.45 3.36 -3.54	54.67 3.56 -10.66	47.56 3.69 -0.99	34.62 3.20 7.19	32.42 2.37 3.78	31.00 2.30 -0.71	27.13 2.01 0.00	24.42 1.51 0.00
BAYONEEC___CTG5 323686	22.51 1.17 0.00	21.01 0.91 0.00	19.56 0.82 0.00	18.76 0.70 0.00	19.16 0.72 0.00	20.78 0.87 0.00	28.37 1.71 -1.45	30.97 1.92 -2.37	29.98 2.03 -3.22	27.21 2.01 -1.52	30.11 2.09 -2.59	30.34 2.09 -2.82	31.30 2.12 -4.26	32.36 2.56 0.66	32.38 2.67 4.16	32.81 2.91 6.51	46.45 3.36 -3.54	54.67 3.56 -10.66	47.56 3.69 -0.99	34.62 3.20 7.19	32.42 2.37 3.78	31.00 2.30 -0.71	27.13 2.01 0.00	24.42 1.51 0.00
BAYONEEC___CTG6 323687	22.51 1.17 0.00	21.01 0.91 0.00	19.56 0.82 0.00	18.76 0.70 0.00	19.16 0.72 0.00	20.78 0.87 0.00	28.37 1.71 -1.45	30.97 1.92 -2.37	29.98 2.03 -3.22	27.21 2.01 -1.52	30.11 2.09 -2.59	30.34 2.09 -2.82	31.30 2.12 -4.26	32.36 2.56 0.66	32.38 2.67 4.16	32.81 2.91 6.51	46.45 3.36 -3.54	54.67 3.56 -10.66	47.56 3.69 -0.99	34.62 3.20 7.19	32.42 2.37 3.78	31.00 2.30 -0.71	27.13 2.01 0.00	24.42 1.51 0.00
BAYONEEC___CTG7 323688	22.51 1.17 0.00	21.01 0.91 0.00	19.56 0.82 0.00	18.76 0.70 0.00	19.16 0.72 0.00	20.78 0.87 0.00	28.37 1.71 -1.45	30.97 1.92 -2.37	29.98 2.03 -3.22	27.21 2.01 -1.52	30.11 2.09 -2.59	30.34 2.09 -2.82	31.30 2.12 -4.26	32.36 2.56 0.66	32.38 2.67 4.16	32.81 2.91 6.51	46.45 3.36 -3.54	54.67 3.56 -10.66	47.56 3.69 -0.99	34.62 3.20 7.19	32.42 2.37 3.78	31.00 2.30 -0.71	27.13 2.01 0.00	24.42 1.51 0.00
BAYONEEC___CTG8 323689	22.51 1.17 0.00	21.01 0.91 0.00	19.56 0.82 0.00	18.76 0.70 0.00	19.16 0.72 0.00	20.78 0.87 0.00	28.37 1.71 -1.45	30.97 1.92 -2.37	29.98 2.03 -3.22	27.21 2.01 -1.52	30.11 2.09 -2.59	30.34 2.09 -2.82	31.30 2.12 -4.26	32.36 2.56 0.66	32.38 2.67 4.16	32.81 2.91 6.51	46.45 3.36 -3.54	54.67 3.56 -10.66	47.56 3.69 -0.99	34.62 3.20 7.19	32.42 2.37 3.78	31.00 2.30 -0.71	27.13 2.01 0.00	24.42 1.51 0.00

BAYONEEC___CTG9 323749	22.51 1.17 0.00	21.01 0.91 0.00	19.56 0.82 0.00	18.76 0.70 0.00	19.16 0.72 0.00	20.78 0.87 0.00	28.37 1.71 -1.45	30.97 1.92 -2.37	29.98 2.03 -3.22	27.21 2.01 -1.52	30.11 2.09 -2.59	30.34 2.09 -2.82	31.30 2.12 -4.26	32.36 2.56 0.66	32.38 2.67 4.16	32.81 2.91 6.51	46.45 3.36 -3.54	54.67 3.56 -10.66	47.56 3.69 -0.99	34.62 3.20 7.19	32.42 2.37 3.78	31.00 2.30 -0.71	27.13 2.01 0.00	24.42 1.51 0.00
BEACON___LESR 323632	21.87 0.53 0.00	20.59 0.48 0.00	19.24 0.51 0.00	18.54 0.49 0.00	18.95 0.52 0.00	20.40 0.50 0.00	26.46 0.78 -0.48	28.42 0.96 -0.79	26.76 0.96 -1.07	25.06 0.88 -0.50	27.13 0.84 -0.86	27.16 0.79 -0.93	27.10 0.67 -1.50	31.86 0.79 -0.60	34.51 0.81 0.16	37.63 1.06 -0.16	42.39 1.46 -1.37	47.82 1.90 -5.46	48.92 2.02 -4.03	42.02 1.70 -1.71	35.40 1.42 -0.16	29.41 1.15 -0.26	26.25 1.13 0.00	23.69 0.78 0.00
BEAVER RIVER___HYD 24048	21.76 0.43 0.00	20.49 0.38 0.00	19.05 0.32 0.00	18.38 0.33 0.00	18.79 0.35 0.00	20.38 0.48 0.00	25.78 0.58 0.00	27.37 0.69 0.00	25.17 0.45 0.00	24.02 0.33 0.00	25.86 0.43 0.00	25.89 0.46 0.00	25.35 0.42 0.00	31.17 0.70 0.00	34.71 0.85 0.00	37.43 1.02 0.00	40.94 1.38 0.00	41.79 1.33 0.00	44.42 1.54 0.00	40.16 1.55 0.00	35.01 1.18 0.00	28.86 0.87 0.00	25.77 0.65 0.00	23.50 0.59 0.00
BEEBEE_GT_13 23619	21.57 0.23 0.00	20.25 0.14 0.00	18.64 -0.09 0.00	17.69 -0.36 0.00	18.09 -0.35 0.00	19.93 0.02 0.00	25.30 0.10 0.00	26.73 0.05 0.00	24.78 0.05 0.00	23.76 0.07 0.00	25.56 0.13 0.00	25.61 0.18 0.00	25.25 0.32 0.00	30.80 0.34 0.00	34.07 0.20 0.00	36.63 0.22 0.00	40.82 1.27 0.00	41.67 1.21 0.00	44.55 1.67 0.00	39.38 0.77 0.00	33.79 -0.03 0.00	27.83 -0.17 0.00	25.02 -0.10 0.00	23.09 0.18 0.00
BENSHRST_27_KV_BENSHRST_1 355998	22.83 1.49 0.00	21.29 1.19 0.00	19.82 1.09 0.00	19.10 1.05 0.00	19.51 1.07 0.00	21.04 1.13 0.00	28.67 2.02 -1.45	34.13 2.29 -5.16	38.22 2.40 -11.09	38.16 2.32 -12.15	38.23 2.47 -10.33	38.48 2.47 -10.58	38.75 2.52 -11.31	39.17 3.11 -5.60	39.06 3.35 -1.84	42.00 3.42 -2.17	46.78 3.68 -3.54	58.44 4.09 -13.90	57.58 4.33 -10.37	46.87 3.71 -4.56	37.31 3.01 -0.47	33.25 2.72 -2.54	27.48 2.36 0.00	24.72 1.81 0.00
BETHLEHEM___GRP 23843	21.49 0.15 0.00	20.21 0.10 0.00	18.90 0.17 0.00	18.36 0.31 0.00	18.71 0.28 0.00	20.02 0.12 0.00	25.95 0.28 -0.48	27.89 0.43 -0.79	26.21 0.42 -1.07	24.57 0.38 -0.50	26.62 0.33 -0.86	26.67 0.31 -0.93	26.59 0.17 -1.49	31.28 0.21 -0.60	33.99 0.27 0.14	36.84 0.25 -0.18	41.43 0.51 -1.36	46.62 0.73 -5.43	47.78 0.90 -4.00	41.01 0.69 -1.70	34.59 0.61 -0.15	28.79 0.53 -0.26	25.72 0.60 0.00	23.21 0.30 0.00
BETHLEHEM___GS1 323560	21.45 0.11 0.00	20.19 0.08 0.00	18.88 0.15 0.00	18.20 0.14 0.00	18.62 0.18 0.00	19.99 0.08 0.00	25.96 0.28 -0.48	27.86 0.40 -0.79	26.21 0.42 -1.07	24.56 0.38 -0.50	26.62 0.33 -0.86	26.67 0.31 -0.93	26.59 0.18 -1.49	31.25 0.18 -0.60	33.86 0.14 0.14	36.84 0.26 -0.18	41.43 0.51 -1.36	46.70 0.81 -5.43	47.73 0.86 -4.00	41.01 0.70 -1.70	34.59 0.61 -0.15	28.79 0.53 -0.26	25.70 0.58 0.00	23.20 0.30 0.00
BETHLEHEM___GS2 323561	21.45 0.11 0.00	20.19 0.08 0.00	18.88 0.15 0.00	18.20 0.14 0.00	18.62 0.18 0.00	19.99 0.08 0.00	25.96 0.28 -0.48	27.86 0.40 -0.79	26.21 0.42 -1.07	24.56 0.38 -0.50	26.62 0.33 -0.86	26.67 0.31 -0.93	26.59 0.18 -1.49	31.25 0.18 -0.60	33.86 0.14 0.14	36.84 0.26 -0.18	41.43 0.51 -1.36	46.70 0.81 -5.43	47.73 0.86 -4.00	41.01 0.70 -1.70	34.59 0.61 -0.15	28.79 0.53 -0.26	25.70 0.58 0.00	23.20 0.30 0.00
BETHLEHEM___GS3 323562	21.45 0.11 0.00	20.19 0.08 0.00	18.88 0.15 0.00	18.20 0.14 0.00	18.62 0.18 0.00	19.99 0.08 0.00	25.96 0.28 -0.48	27.86 0.40 -0.79	26.21 0.42 -1.07	24.56 0.38 -0.50	26.62 0.33 -0.86	26.67 0.31 -0.93	26.59 0.18 -1.49	31.25 0.18 -0.60	33.86 0.14 0.14	36.84 0.26 -0.18	41.43 0.51 -1.36	46.70 0.81 -5.43	47.73 0.86 -4.00	41.01 0.70 -1.70	34.59 0.61 -0.15	28.79 0.53 -0.26	25.70 0.58 0.00	23.20 0.30 0.00
BETHLEHEM___STEEL 23779	22.02 0.68 0.00	20.61 0.50 0.00	18.71 -0.02 0.00	17.51 -0.54 0.00	17.87 -0.57 0.00	20.08 0.18 0.00	25.58 0.38 0.00	26.81 0.13 0.00	25.05 0.32 0.00	24.21 0.52 0.00	25.92 0.48 0.00	25.94 0.51 0.00	25.70 0.77 0.00	31.32 0.85 0.00	34.37 0.51 0.00	36.84 0.44 0.00	41.65 2.10 0.00	42.48 2.02 0.00	45.58 2.70 0.00	39.46 0.85 0.00	33.25 -0.58 0.00	27.27 -0.73 0.00	24.62 -0.50 0.00	23.18 0.27 0.00
BETHLHEM_115KV_TB1 79974	21.55 0.21 0.00	20.27 0.16 0.00	18.98 0.24 0.00	18.40 0.34 0.00	18.75 0.31 0.00	20.08 0.18 0.00	26.03 0.35 -0.48	27.97 0.51 -0.78	26.29 0.49 -1.06	24.64 0.45 -0.50	26.70 0.41 -0.86	26.74 0.38 -0.93	26.66 0.25 -1.49	31.38 0.30 -0.61	34.11 0.37 0.13	36.97 0.36 -0.19	41.51 0.59 -1.36	46.72 0.85 -5.41	47.85 0.99 -3.99	41.12 0.81 -1.70	34.69 0.71 -0.15	28.84 0.59 -0.26	25.80 0.68 0.00	23.30 0.39 0.00
BETHPAGE_CC_5 323564	23.22 1.75 -0.14	21.89 1.51 -0.28	20.21 1.39 -0.09	19.14 1.05 -0.04	19.58 1.11 -0.03	21.44 1.47 -0.06	29.25 2.42 -1.63	31.73 2.51 -2.55	30.65 2.52 -3.40	27.87 2.46 -1.72	30.65 2.54 -2.67	30.88 2.54 -2.91	31.80 2.54 -4.33	35.44 2.83 -2.14	38.58 3.15 -1.57	42.16 3.57 -2.18	50.84 4.04 -7.25	58.58 4.25 -13.88	57.69 4.46 -10.36	47.86 3.86 -5.39	37.77 3.08 -0.87	33.09 2.83 -2.27	29.93 2.66 -2.15	25.24 2.13 -0.20
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	22.11 0.77 0.00	20.71 0.60 0.00	18.79 0.06 0.00	17.59 -0.47 0.00	17.94 -0.50 0.00	20.18 0.28 0.00	25.70 0.50 0.00	26.94 0.27 0.00	25.17 0.45 0.00	24.32 0.64 0.00	26.04 0.61 0.00	26.07 0.64 0.00	25.82 0.90 0.00	31.47 1.01 0.00	34.58 0.71 0.00	37.06 0.66 0.00	41.89 2.33 0.00	42.76 2.31 0.00	45.83 2.96 0.00	39.69 1.08 0.00	33.42 -0.41 0.00	27.38 -0.62 0.00	24.69 -0.43 0.00	23.27 0.37 0.00
BINGHAMTON___COGEN 23790	21.81 0.47 0.00	20.47 0.36 0.00	18.96 0.22 0.00	18.15 0.09 0.00	18.55 0.11 0.00	20.20 0.30 0.00	25.73 0.53 0.00	27.21 0.53 0.00	25.25 0.52 0.00	24.21 0.52 0.00	25.99 0.56 0.00	25.99 0.56 0.00	25.55 0.62 0.00	31.23 0.76 0.00	34.68 0.81 0.00	37.28 0.87 0.00	41.18 1.62 0.00	42.20 1.74 0.00	44.89 2.02 0.00	39.96 1.35 0.00	34.50 0.68 0.00	28.53 0.53 0.00	25.60 0.48 0.00	23.48 0.57 0.00
BIXINCNT_115KV_LOAD 355685	22.40 1.07 0.00	20.97 0.86 0.00	18.99 0.26 0.00	17.80 -0.25 0.00	18.16 -0.28 0.00	20.44 0.54 0.00	26.08 0.88 0.00	27.37 0.69 0.00	25.59 0.87 0.00	24.75 1.07 0.00	26.45 1.02 0.00	26.48 1.04 0.00	26.22 1.30 0.00	32.02 1.55 0.00	35.22 1.35 0.00	37.68 1.27 0.00	42.60 3.05 0.00	43.49 3.03 0.00	46.65 3.77 0.00	40.31 1.70 0.00	33.83 0.00 0.00	27.57 -0.42 0.00	24.79 -0.33 0.00	23.37 0.46 0.00

BLACK RIVER___HYD 24047	22.15 0.81 0.00	20.81 0.70 0.00	19.29 0.56 0.00	18.63 0.58 0.00	19.05 0.61 0.00	20.70 0.80 0.00	26.18 0.98 0.00	27.85 1.17 0.00	25.45 0.72 0.00	24.28 0.59 0.00	26.22 0.79 0.00	26.30 0.87 0.00	25.72 0.80 0.00	31.71 1.25 0.00	35.32 1.46 0.00	38.12 1.71 0.00	42.09 2.53 0.00	43.33 2.87 0.00	46.35 3.47 0.00	41.62 3.01 0.00	36.06 2.23 0.00	29.62 1.62 0.00	26.40 1.28 0.00	24.10 1.19 0.00
BLACKRVR_115KV_TB2 79977	22.11 0.77 0.00	20.79 0.68 0.00	19.28 0.54 0.00	18.56 0.51 0.00	18.99 0.55 0.00	20.68 0.78 0.00	26.18 0.98 0.00	27.85 1.17 0.00	25.45 0.72 0.00	24.28 0.59 0.00	26.20 0.76 0.00	26.30 0.86 0.00	25.72 0.80 0.00	31.71 1.25 0.00	35.25 1.39 0.00	38.08 1.67 0.00	42.05 2.49 0.00	43.33 2.87 0.00	46.30 3.43 0.00	41.58 2.97 0.00	36.03 2.20 0.00	29.62 1.62 0.00	26.40 1.28 0.00	24.10 1.19 0.00
BLISS_WT_PWR 323608	22.60 1.26 0.00	21.05 0.95 0.00	19.13 0.39 0.00	18.44 0.38 0.00	18.73 0.29 0.00	20.54 0.64 0.00	26.10 0.91 0.00	27.50 0.83 0.00	25.72 0.99 0.00	24.87 1.18 0.00	26.53 1.09 0.00	26.53 1.09 0.00	26.27 1.35 0.00	32.11 1.64 0.00	36.20 2.33 0.00	38.23 1.82 0.00	42.84 3.28 0.00	43.78 3.32 0.00	46.82 3.94 0.00	40.50 1.89 0.00	33.93 0.10 0.00	27.55 -0.45 0.00	24.84 -0.28 0.00	23.32 0.41 0.00
BLUESTONE___WT_PWR 323821	22.66 1.32 0.00	21.23 1.13 0.00	19.67 0.94 0.00	19.01 0.96 0.00	19.41 0.98 0.00	21.08 1.17 0.00	26.86 1.66 0.00	28.02 1.73 0.38	25.69 1.48 0.52	24.84 1.40 0.25	26.56 1.55 0.42	26.53 1.55 0.46	26.60 1.67 0.00	32.72 2.25 0.00	36.47 2.61 0.00	39.43 3.02 0.00	43.59 4.04 0.00	44.95 4.49 0.00	47.97 5.10 0.00	42.70 4.09 0.00	36.74 2.91 0.00	30.10 2.10 0.00	26.90 1.78 0.00	24.58 1.67 0.00
BLUE_CIRC_CHEM_DRP 24182	21.87 0.53 0.00	20.57 0.46 0.00	19.26 0.52 0.00	18.63 0.58 0.00	19.01 0.57 0.00	20.36 0.46 0.00	26.27 0.63 -0.44	28.22 0.83 -0.72	26.47 0.77 -0.98	24.86 0.71 -0.46	26.91 0.69 -0.79	26.95 0.66 -0.86	26.33 -0.05 -1.45	31.09 -0.06 -0.68	33.85 0.00 0.02	36.62 -0.07 -0.29	41.20 0.20 -1.45	46.54 0.49 -5.60	47.62 0.64 -4.11	40.84 0.50 -1.72	34.45 0.47 -0.15	28.65 0.39 -0.26	26.15 1.03 0.00	23.64 0.73 0.00
BOC_GAS_DRP 24189	21.72 0.38 0.00	20.43 0.32 0.00	19.11 0.37 0.00	18.51 0.45 0.00	18.88 0.44 0.00	20.22 0.32 0.00	26.23 0.55 -0.47	28.14 0.69 -0.77	26.45 0.67 -1.05	24.80 0.62 -0.49	26.86 0.58 -0.84	26.94 0.58 -0.92	26.82 0.42 -1.47	31.61 0.52 -0.63	34.42 0.58 0.02	37.27 0.58 -0.28	41.68 0.79 -1.34	46.79 1.01 -5.33	47.96 1.16 -3.93	41.25 0.97 -1.67	34.79 0.81 -0.15	28.98 0.73 -0.26	25.92 0.80 0.00	23.43 0.53 0.00
BOONVILLE_115KV_TB1 79983	21.79 0.45 0.00	20.55 0.44 0.00	19.09 0.36 0.00	18.38 0.33 0.00	18.79 0.35 0.00	20.40 0.50 0.00	25.80 0.60 0.00	27.40 0.72 0.00	25.25 0.52 0.00	24.13 0.45 0.00	25.97 0.53 0.00	25.99 0.56 0.00	25.45 0.52 0.00	31.26 0.79 0.00	34.81 0.95 0.00	37.50 1.09 0.00	41.02 1.46 0.00	42.12 1.66 0.00	44.76 1.89 0.00	40.19 1.58 0.00	34.98 1.15 0.00	28.81 0.81 0.00	25.75 0.63 0.00	23.50 0.60 0.00
BORALEX_4TH_BRANCH 23824	22.19 0.85 0.00	20.89 0.78 0.00	19.52 0.79 0.00	18.85 0.79 0.00	19.29 0.85 0.00	20.74 0.84 0.00	26.97 1.23 -0.53	29.02 1.47 -0.87	27.22 1.31 -1.18	25.45 1.21 -0.56	27.53 1.14 -0.95	27.56 1.09 -1.04	27.64 1.07 -1.64	32.25 1.28 -0.51	34.65 1.42 0.63	37.69 1.49 0.21	42.91 1.90 -1.46	48.53 2.18 -5.88	49.62 2.40 -4.34	42.55 2.08 -1.86	35.89 1.89 -0.17	29.82 1.54 -0.29	26.58 1.46 0.00	23.94 1.03 0.00
BOWLINE___1 23526	22.21 0.88 0.00	20.79 0.68 0.00	19.37 0.64 0.00	18.58 0.52 0.00	18.97 0.54 0.00	20.54 0.64 0.00	24.64 1.26 1.81	25.23 1.49 2.94	22.30 1.56 3.98	23.35 1.54 1.88	23.83 1.60 3.21	23.52 1.58 3.49	24.78 1.62 1.76	34.45 1.98 -2.00	36.15 2.13 -0.15	38.87 2.40 -0.06	46.55 2.85 -4.14	58.90 3.04 -15.40	55.73 3.22 -9.64	43.55 2.74 -2.20	35.24 2.00 0.58	30.05 1.85 -0.21	26.70 1.58 0.00	24.10 1.19 0.00
BOWLINE___2 23595	22.25 0.92 0.00	20.83 0.72 0.00	19.39 0.66 0.00	18.60 0.54 0.00	18.99 0.55 0.00	20.58 0.68 0.00	24.69 1.31 1.81	25.26 1.52 2.94	22.35 1.61 3.99	23.37 1.56 1.88	23.88 1.65 3.21	23.57 1.63 3.49	24.83 1.67 1.77	34.51 2.04 -2.00	36.18 2.17 -0.15	38.95 2.48 -0.06	46.62 2.93 -4.14	58.96 3.12 -15.38	55.80 3.30 -9.63	43.62 2.82 -2.19	35.31 2.06 0.58	30.10 1.90 -0.21	26.75 1.63 0.00	24.12 1.21 0.00
BRADY___115KV_TB2 356060	21.27 -0.06 0.00	20.19 0.08 0.00	18.79 0.06 0.00	18.11 0.05 0.00	18.49 0.06 0.00	20.02 0.12 0.00	25.20 0.00 0.00	26.68 0.00 0.00	24.68 -0.05 0.00	23.61 -0.07 0.00	25.43 0.00 0.00	25.46 0.03 0.00	24.95 0.02 0.00	30.56 0.09 0.00	34.03 0.17 0.00	36.74 0.33 0.00	39.28 -0.28 0.00	40.13 -0.32 0.00	41.89 -0.99 0.00	38.57 -0.04 0.00	34.06 0.24 0.00	28.08 0.08 0.00	25.12 0.00 0.00	22.86 -0.05 0.00
BRANSCOMB___SOLAR 323811	22.19 0.85 0.00	20.87 0.76 0.00	19.48 0.75 0.00	18.78 0.72 0.00	19.23 0.79 0.00	20.78 0.87 0.00	26.91 1.23 -0.48	28.90 1.44 -0.79	27.15 1.36 -1.07	25.42 1.23 -0.50	27.49 1.20 -0.86	27.51 1.15 -0.93	27.45 1.05 -1.48	32.30 1.28 -0.56	35.00 1.39 0.25	38.13 1.64 -0.08	43.06 2.17 -1.33	48.46 2.67 -5.33	49.94 3.13 -3.93	42.95 2.66 -1.68	36.31 2.33 -0.15	30.10 1.85 -0.26	26.70 1.58 0.00	24.12 1.21 0.00
BRENTWOD_69_KV_W. BRTWOOD 56703	24.23 1.94 -0.95	23.50 1.53 -1.87	20.82 1.42 -0.66	19.61 1.26 -0.29	20.08 1.36 -0.28	21.87 1.51 -0.45	30.40 2.60 -2.61	33.10 2.88 -3.54	32.06 2.82 -4.51	29.27 2.75 -2.84	31.35 2.72 -3.20	31.62 2.70 -3.49	32.51 2.64 -4.94	36.08 3.05 -2.57	41.46 3.62 -3.98	42.83 3.90 -2.53	51.92 3.84 -8.53	59.24 4.01 -14.78	59.22 4.50 -11.84	50.09 3.75 -7.74	41.54 3.48 -4.23	34.74 3.05 -3.69	31.15 2.84 -3.19	26.51 2.29 -1.31
BRISTLHL_115KV_TB1 79998	21.68 0.34 0.00	20.43 0.32 0.00	18.94 0.21 0.00	18.16 0.11 0.00	18.55 0.11 0.00	20.24 0.34 0.00	25.55 0.35 0.00	27.00 0.32 0.00	24.93 0.20 0.00	23.92 0.24 0.00	25.76 0.33 0.00	25.79 0.36 0.00	25.27 0.35 0.00	30.89 0.43 0.00	34.20 0.34 0.00	36.81 0.40 0.00	40.58 1.03 0.00	41.59 1.13 0.00	44.16 1.29 0.00	39.50 0.89 0.00	34.33 0.51 0.00	28.58 0.59 0.00	25.57 0.45 0.00	23.48 0.57 0.00
BROOKHAVEN___DRP 24191	31.37 2.22 -7.81	37.03 1.73 -15.19	25.84 1.61 -5.50	21.98 1.50 -2.43	22.32 1.57 -2.32	25.39 1.73 -3.75	38.93 2.90 -10.83	41.68 3.12 -11.88	41.60 3.04 -13.83	38.88 2.96 -12.23	36.09 2.95 -7.71	36.79 2.90 -8.46	37.94 2.84 -10.17	40.01 3.23 -6.32	62.42 3.79 -24.77	46.46 4.00 -6.05	63.62 4.47 -19.59	77.76 4.69 -32.61	111.64 4.97 -63.79	132.78 4.32 -89.84	132.65 3.69 -95.14	47.20 3.22 -15.99	38.68 3.04 -10.52	36.04 2.50 -10.64

BROOKLYN_NAVY_YARD 23515	22.47 1.13 0.00	20.93 0.84 0.02	19.49 0.77 0.02	18.69 0.65 0.02	19.10 0.68 0.02	20.73 0.84 0.02	28.29 1.64 -1.45	30.94 1.89 -2.37	29.95 2.00 -3.22	27.19 1.99 -1.52	30.06 2.04 -2.59	30.26 2.01 -2.82	31.23 2.04 -4.26	35.10 2.50 -2.14	38.04 2.61 -1.57	41.45 2.88 -2.17	46.38 3.28 -3.54	57.84 3.48 -13.90	56.89 3.64 -10.37	46.29 3.13 -4.56	36.58 2.30 -0.46	30.90 2.21 -0.69	27.08 1.96 0.00	24.34 1.44 0.02
BROOKLYN___ARMY_DRP 323595	22.72 1.39 0.00	21.21 1.11 0.00	19.74 1.01 0.00	19.05 0.99 0.00	19.45 1.01 0.00	20.96 1.05 0.00	28.57 1.92 -1.45	34.03 2.19 -5.16	38.09 2.27 -11.09	38.04 2.20 -12.15	38.10 2.34 -10.33	38.35 2.34 -10.58	38.63 2.39 -11.31	38.99 2.92 -5.60	38.89 3.18 -1.84	41.78 3.20 -2.17	46.58 3.48 -3.54	58.16 3.80 -13.90	57.32 4.07 -10.37	46.64 3.47 -4.56	37.14 2.84 -0.47	33.11 2.58 -2.54	27.36 2.24 0.00	24.60 1.70 0.00
BROOKVLE_69_KV_TB1 55790	23.06 1.66 -0.06	21.58 1.35 -0.13	20.02 1.26 -0.03	19.19 1.12 -0.01	19.63 1.18 -0.01	21.24 1.31 -0.02	28.92 2.19 -1.53	31.61 2.48 -2.45	30.55 2.52 -3.30	27.73 2.44 -1.61	30.59 2.54 -2.62	30.82 2.54 -2.85	31.77 2.57 -4.28	35.62 3.02 -2.14	38.89 3.45 -1.57	42.23 3.64 -2.18	51.03 4.23 -7.25	58.75 4.41 -13.88	57.95 4.72 -10.36	48.06 4.05 -5.39	37.87 3.18 -0.86	33.09 2.83 -2.27	29.17 2.51 -1.54	24.97 1.97 -0.09
BROOME_2_LFGE 323671	21.85 0.51 0.00	20.49 0.38 0.00	18.98 0.24 0.00	18.29 0.23 0.00	18.66 0.22 0.00	20.22 0.32 0.00	25.73 0.53 0.00	27.24 0.56 0.00	25.25 0.52 0.00	24.21 0.52 0.00	25.99 0.56 0.00	25.99 0.56 0.00	25.55 0.62 0.00	31.25 0.79 0.00	34.88 1.01 0.00	37.43 1.02 0.00	41.25 1.70 0.00	42.28 1.82 0.00	44.93 2.06 0.00	40.00 1.39 0.00	34.50 0.68 0.00	28.53 0.53 0.00	25.60 0.48 0.00	23.48 0.57 0.00
BROOME___LFGE 323600	21.85 0.51 0.00	20.49 0.38 0.00	18.98 0.24 0.00	18.29 0.23 0.00	18.66 0.22 0.00	20.22 0.32 0.00	25.73 0.53 0.00	27.24 0.56 0.00	25.25 0.52 0.00	24.21 0.52 0.00	25.99 0.56 0.00	25.99 0.56 0.00	25.55 0.62 0.00	31.25 0.79 0.00	34.88 1.01 0.00	37.43 1.02 0.00	41.25 1.70 0.00	42.28 1.82 0.00	44.93 2.06 0.00	40.00 1.39 0.00	34.50 0.68 0.00	28.53 0.53 0.00	25.60 0.48 0.00	23.48 0.57 0.00
BROWNFLS_115KV_TB_3_5 80003	21.53 0.19 0.00	20.35 0.24 0.00	18.92 0.19 0.00	18.25 0.20 0.00	18.64 0.20 0.00	20.20 0.30 0.00	25.53 0.33 0.00	27.08 0.40 0.00	24.98 0.25 0.00	23.85 0.17 0.00	25.69 0.25 0.00	25.71 0.28 0.00	25.20 0.27 0.00	30.89 0.43 0.00	34.41 0.54 0.00	37.14 0.73 0.00	40.15 0.59 0.00	41.10 0.65 0.00	43.09 0.21 0.00	39.31 0.69 0.00	34.47 0.64 0.00	28.44 0.45 0.00	25.45 0.33 0.00	23.18 0.27 0.00
BROWNSV1_27_KV_LOAD 356125	22.75 1.41 0.00	21.19 1.09 0.00	19.73 0.99 0.00	19.03 0.98 0.00	19.43 1.00 0.00	20.96 1.05 0.00	28.59 1.94 -1.45	31.26 2.21 -2.37	30.27 2.32 -3.22	27.45 2.25 -1.52	30.39 2.37 -2.59	30.62 2.37 -2.82	31.58 2.39 -4.26	35.50 2.89 -2.14	38.58 3.15 -1.57	41.89 3.31 -2.17	46.93 3.84 -3.54	58.40 4.05 -13.90	57.53 4.29 -10.37	46.87 3.71 -4.56	37.11 2.81 -0.47	31.28 2.58 -0.71	27.38 2.26 0.00	24.63 1.72 0.00
BURROWS___LYONSDAL 23803	21.79 0.45 0.00	20.55 0.44 0.00	19.09 0.36 0.00	18.38 0.33 0.00	18.79 0.35 0.00	20.40 0.50 0.00	25.83 0.63 0.00	27.42 0.75 0.00	25.25 0.52 0.00	24.13 0.45 0.00	25.97 0.53 0.00	25.99 0.56 0.00	25.45 0.52 0.00	31.26 0.79 0.00	34.81 0.95 0.00	37.50 1.09 0.00	41.02 1.46 0.00	42.12 1.66 0.00	44.72 1.84 0.00	40.19 1.58 0.00	35.01 1.18 0.00	28.83 0.84 0.00	25.77 0.65 0.00	23.53 0.62 0.00
CAITHNESS_CC_1 323624	31.08 1.92 -7.82	37.00 1.69 -15.20	25.80 1.55 -5.51	21.68 1.19 -2.43	22.01 1.25 -2.32	25.34 1.67 -3.76	38.84 2.80 -10.84	41.60 3.04 -11.89	41.56 2.99 -13.84	38.82 2.89 -12.24	36.02 2.87 -7.72	36.75 2.85 -8.47	37.87 2.77 -10.18	39.92 3.14 -6.32	62.18 3.52 -24.80	45.90 3.97 -5.52	63.51 4.35 -19.61	67.62 4.61 -22.55	72.36 4.80 -24.68	70.84 4.21 -28.02	70.63 3.48 -33.32	47.10 3.11 -16.00	38.59 2.94 -10.53	35.98 2.43 -10.65
CALPINE BETH_PAGE_GT4 24209	23.35 1.88 -0.13	21.88 1.51 -0.27	20.22 1.40 -0.08	19.32 1.23 -0.04	19.78 1.31 -0.03	21.45 1.49 -0.06	29.19 2.37 -1.62	31.73 2.51 -2.54	30.65 2.52 -3.40	27.84 2.44 -1.71	30.61 2.52 -2.66	30.85 2.52 -2.90	31.76 2.52 -4.32	35.47 2.86 -2.14	38.79 3.35 -1.57	42.12 3.53 -2.18	50.87 4.07 -7.25	58.59 4.25 -13.88	57.73 4.50 -10.36	47.86 3.86 -5.39	37.77 3.08 -0.87	33.06 2.80 -2.27	29.77 2.59 -2.06	25.17 2.06 -0.20
CALPINE_BETH_PAGE_GT_4 323586	23.22 1.75 -0.13	21.89 1.51 -0.27	20.21 1.39 -0.09	19.14 1.05 -0.04	19.60 1.12 -0.03	21.44 1.47 -0.06	29.17 2.34 -1.62	31.73 2.51 -2.54	30.65 2.52 -3.40	27.84 2.44 -1.71	30.62 2.52 -2.67	30.86 2.52 -2.90	31.77 2.52 -4.33	35.44 2.83 -2.14	38.58 3.15 -1.57	42.20 3.61 -2.18	50.88 4.07 -7.25	58.62 4.29 -13.88	57.73 4.50 -10.36	47.90 3.90 -5.39	37.74 3.05 -0.87	33.06 2.80 -2.27	29.77 2.59 -2.06	25.17 2.06 -0.20
CALPINE_BP_GT1 23823	23.22 1.75 -0.13	21.89 1.51 -0.27	20.21 1.39 -0.09	19.14 1.05 -0.04	19.60 1.12 -0.03	21.44 1.47 -0.06	29.17 2.34 -1.62	31.73 2.51 -2.54	30.65 2.52 -3.40	27.84 2.44 -1.71	30.62 2.52 -2.67	30.86 2.52 -2.90	31.77 2.52 -4.33	35.44 2.83 -2.14	38.58 3.15 -1.57	42.20 3.61 -2.18	50.88 4.07 -7.25	58.62 4.29 -13.88	57.73 4.50 -10.36	47.90 3.90 -5.39	37.74 3.05 -0.87	33.06 2.80 -2.27	29.77 2.59 -2.06	25.17 2.06 -0.20
CALSPAN___DRP 24200	22.02 0.68 0.00	20.61 0.50 0.00	18.71 -0.02 0.00	17.51 -0.54 0.00	17.87 -0.57 0.00	20.08 0.18 0.00	25.58 0.38 0.00	26.81 0.13 0.00	25.05 0.32 0.00	24.21 0.52 0.00	25.92 0.48 0.00	25.94 0.51 0.00	25.70 0.77 0.00	31.32 0.85 0.00	34.37 0.51 0.00	36.84 0.44 0.00	41.65 2.10 0.00	42.48 2.02 0.00	45.58 2.70 0.00	39.46 0.85 0.00	33.25 -0.58 0.00	27.27 -0.73 0.00	24.62 -0.50 0.00	23.18 0.27 0.00
CALVERTON___SOLAR 323806	31.20 2.05 -7.82	37.13 1.83 -15.19	25.90 1.67 -5.50	21.79 1.30 -2.43	22.14 1.38 -2.32	25.45 1.79 -3.76	39.03 3.00 -10.84	41.78 3.23 -11.88	41.75 3.19 -13.83	38.98 3.06 -12.23	36.20 3.05 -7.71	36.90 3.00 -8.47	38.04 2.94 -10.17	40.13 3.35 -6.32	62.43 3.79 -24.77	46.69 4.26 -6.02	63.85 4.70 -19.59	77.56 4.97 -32.12	109.96 5.19 -61.90	130.02 4.55 -86.86	129.76 3.79 -92.15	47.34 3.36 -15.99	38.78 3.14 -10.52	36.16 2.61 -10.64
CANDIGU_WT_PWR 323617	22.10 0.77 0.00	20.67 0.56 0.00	18.96 0.23 0.00	18.27 0.22 0.00	18.60 0.17 0.00	20.30 0.40 0.00	25.83 0.63 0.00	27.31 0.64 0.00	25.37 0.64 0.00	24.39 0.71 0.00	26.14 0.71 0.00	26.14 0.71 0.00	25.77 0.85 0.00	31.44 0.97 0.00	35.25 1.39 0.00	37.61 1.20 0.00	41.89 2.33 0.00	42.88 2.43 0.00	45.70 2.83 0.00	40.08 1.47 0.00	34.07 0.24 0.00	27.97 -0.03 0.00	25.22 0.10 0.00	23.34 0.43 0.00

CARR STREET_E_SYR 24060	21.38 0.04 0.00	20.09 -0.02 0.00	18.66 -0.07 0.00	17.98 -0.07 0.00	18.36 -0.07 0.00	19.87 -0.04 0.00	25.15 -0.05 0.00	26.57 -0.11 0.00	24.58 -0.15 0.00	23.54 -0.14 0.00	25.33 -0.10 0.00	25.33 -0.10 0.00	24.80 -0.12 0.00	30.22 -0.24 0.00	33.70 -0.17 0.00	36.23 -0.18 0.00	39.75 0.20 0.00	40.70 0.24 0.00	43.18 0.30 0.00	38.65 0.04 0.00	33.59 -0.24 0.00	27.80 -0.19 0.00	24.99 -0.12 0.00	23.00 0.09 0.00
CARTHAGE___PAPER 23857	21.87 0.53 0.00	20.59 0.48 0.00	19.13 0.39 0.00	18.45 0.40 0.00	18.88 0.44 0.00	20.48 0.58 0.00	25.93 0.73 0.00	27.55 0.88 0.00	25.25 0.52 0.00	24.09 0.40 0.00	25.94 0.51 0.00	26.02 0.59 0.00	25.45 0.52 0.00	31.32 0.85 0.00	34.88 1.01 0.00	37.65 1.24 0.00	41.34 1.78 0.00	42.32 1.86 0.00	45.10 2.23 0.00	40.69 2.08 0.00	35.42 1.59 0.00	29.14 1.15 0.00	26.00 0.88 0.00	23.71 0.80 0.00
CASSADAGA_WT_PWR 323784	22.75 1.41 0.00	21.17 1.06 0.00	19.22 0.49 0.00	18.52 0.47 0.00	18.75 0.31 0.00	20.60 0.70 0.00	26.18 0.98 0.00	27.66 0.99 0.00	25.89 1.16 0.00	25.11 1.42 0.00	26.83 1.40 0.00	26.88 1.45 0.00	26.62 1.70 0.00	32.56 2.10 0.00	36.71 2.84 0.00	38.85 2.44 0.00	43.55 3.99 0.00	44.46 4.01 0.00	47.42 4.54 0.00	40.89 2.28 0.00	34.16 0.34 0.00	27.69 -0.31 0.00	24.92 -0.20 0.00	23.23 0.32 0.00
CE_DUNWOOD___DRP 24194	22.45 1.11 0.00	20.97 0.86 0.00	19.54 0.81 0.00	18.87 0.81 0.00	19.27 0.83 0.00	20.74 0.84 0.00	28.25 1.56 -1.49	30.92 1.81 -2.43	29.91 1.88 -3.30	27.06 1.82 -1.55	30.00 1.91 -2.66	30.20 1.88 -2.89	31.19 1.92 -4.35	34.98 2.35 -2.17	38.02 2.57 -1.58	41.37 2.77 -2.20	46.40 3.24 -3.60	58.02 3.44 -14.12	57.11 3.69 -10.54	46.38 3.13 -4.64	36.68 2.37 -0.48	30.90 2.18 -0.72	27.00 1.88 0.00	24.30 1.40 0.00
CE_MILLWOOD___DRP 24193	22.40 1.07 0.00	20.93 0.82 0.00	19.50 0.77 0.00	18.83 0.78 0.00	19.23 0.79 0.00	20.70 0.80 0.00	28.20 1.49 -1.51	30.88 1.73 -2.47	29.89 1.81 -3.35	26.99 1.73 -1.58	29.96 1.83 -2.70	30.17 1.81 -2.94	31.20 1.84 -4.43	34.93 2.25 -2.21	37.93 2.47 -1.59	41.29 2.66 -2.22	46.36 3.12 -3.68	58.22 3.32 -14.45	57.22 3.56 -10.78	46.40 3.05 -4.74	36.65 2.33 -0.49	30.83 2.10 -0.74	26.93 1.81 0.00	24.26 1.35 0.00
CE_NYC2_DRP 24202	22.66 1.32 0.00	21.15 1.05 0.00	19.69 0.96 0.00	18.99 0.94 0.00	19.40 0.96 0.00	20.92 1.02 0.00	28.49 1.84 -1.45	33.95 2.11 -5.16	38.02 2.20 -11.09	37.97 2.13 -12.15	38.00 2.24 -10.33	38.25 2.24 -10.58	38.50 2.27 -11.31	38.80 2.74 -5.60	38.69 2.98 -1.84	41.64 3.06 -2.17	46.42 3.32 -3.54	57.92 3.56 -13.90	57.02 3.77 -10.37	46.41 3.24 -4.56	36.94 2.64 -0.47	33.00 2.46 -2.54	27.28 2.16 0.00	24.56 1.65 0.00
CE_NYC_DRP 24195	22.58 1.24 0.00	21.05 0.94 0.00	19.61 0.88 0.00	18.92 0.87 0.00	19.32 0.89 0.00	20.84 0.94 0.00	28.42 1.76 -1.45	31.05 2.00 -2.37	30.07 2.13 -3.22	27.26 2.06 -1.52	30.19 2.16 -2.59	30.41 2.16 -2.82	31.38 2.19 -4.26	35.25 2.65 -2.14	38.31 2.88 -1.57	41.60 3.02 -2.17	46.62 3.52 -3.54	58.04 3.68 -13.90	57.15 3.90 -10.37	46.49 3.32 -4.56	36.84 2.54 -0.47	31.05 2.35 -0.71	27.20 2.08 0.00	24.47 1.56 0.00
CHAFFEE___LFGE 323603	22.21 0.88 0.00	20.73 0.62 0.00	18.88 0.15 0.00	18.22 0.16 0.00	18.49 0.06 0.00	20.22 0.32 0.00	25.65 0.45 0.00	27.02 0.35 0.00	25.25 0.52 0.00	24.37 0.69 0.00	26.04 0.61 0.00	26.07 0.64 0.00	25.82 0.90 0.00	31.50 1.04 0.00	35.49 1.63 0.00	37.57 1.16 0.00	42.12 2.57 0.00	43.01 2.55 0.00	46.00 3.13 0.00	39.92 1.31 0.00	33.59 -0.24 0.00	27.38 -0.62 0.00	24.79 -0.33 0.00	23.25 0.34 0.00
CHATEAUG_35_KV_LOAD 355732	21.38 0.04 0.00	20.19 0.08 0.00	18.81 0.07 0.00	18.22 0.16 0.00	18.62 0.18 0.00	20.10 0.20 0.00	25.43 0.23 0.00	26.94 0.27 0.00	25.05 0.32 0.00	23.99 0.31 0.00	25.81 0.38 0.00	25.84 0.41 0.00	25.32 0.40 0.00	30.95 0.49 0.00	34.44 0.58 0.00	37.25 0.84 0.00	39.95 0.40 0.00	40.78 0.32 0.00	42.87 0.00 0.00	38.92 0.31 0.00	34.16 0.34 0.00	27.85 -0.14 0.00	24.74 -0.38 0.00	22.40 -0.50 0.00
CHATEAUG_WT_PWR 323614	21.34 0.00 0.00	20.21 0.10 0.00	18.81 0.08 0.00	18.15 0.09 0.00	18.55 0.11 0.00	20.12 0.22 0.00	25.42 0.23 0.00	26.94 0.27 0.00	25.05 0.32 0.00	23.99 0.31 0.00	25.84 0.41 0.00	25.84 0.41 0.00	25.32 0.40 0.00	30.95 0.49 0.00	34.40 0.54 0.00	37.14 0.73 0.00	39.99 0.44 0.00	40.58 0.12 0.00	42.87 0.00 0.00	38.88 0.27 0.00	34.13 0.30 0.00	27.83 -0.17 0.00	24.72 -0.40 0.00	22.40 -0.50 0.00
CHAT_HIGH_FALL_HYD 323578	21.34 0.00 0.00	20.19 0.08 0.00	18.81 0.08 0.00	18.16 0.11 0.00	18.57 0.13 0.00	20.12 0.22 0.00	25.42 0.23 0.00	26.94 0.27 0.00	25.05 0.32 0.00	23.99 0.31 0.00	25.81 0.38 0.00	25.84 0.41 0.00	25.32 0.40 0.00	30.95 0.49 0.00	34.40 0.54 0.00	37.14 0.73 0.00	39.95 0.40 0.00	40.58 0.12 0.00	42.87 0.00 0.00	38.88 0.27 0.00	34.16 0.34 0.00	27.86 -0.14 0.00	24.74 -0.38 0.00	22.40 -0.50 0.00
CHAUTAUQUA___LFGE 323629	22.43 1.09 0.00	20.91 0.81 0.00	19.01 0.28 0.00	18.33 0.27 0.00	18.58 0.15 0.00	20.36 0.46 0.00	25.88 0.68 0.00	27.31 0.64 0.00	25.54 0.81 0.00	24.70 1.02 0.00	26.40 0.97 0.00	26.42 0.99 0.00	26.17 1.25 0.00	31.96 1.49 0.00	36.00 2.13 0.00	38.12 1.71 0.00	42.72 3.17 0.00	43.62 3.16 0.00	46.56 3.69 0.00	40.31 1.70 0.00	33.83 0.00 0.00	27.52 -0.48 0.00	24.87 -0.25 0.00	23.25 0.34 0.00
CHERRYST_13_KV_LD 356241	22.64 1.30 0.00	21.11 1.01 0.00	19.67 0.94 0.00	18.98 0.92 0.00	19.36 0.92 0.00	20.88 0.98 0.00	28.49 1.84 -1.45	31.16 2.11 -2.37	30.17 2.23 -3.22	27.36 2.16 -1.52	30.29 2.26 -2.59	30.51 2.26 -2.82	31.48 2.29 -4.26	35.41 2.80 -2.14	38.45 3.01 -1.57	41.75 3.17 -2.17	46.78 3.68 -3.54	58.20 3.84 -13.90	57.32 4.07 -10.37	46.64 3.47 -4.56	36.94 2.64 -0.47	31.14 2.44 -0.71	27.25 2.14 0.00	24.51 1.60 0.00
CHESTROR_138KV_BK263 355645	22.26 0.92 0.00	20.79 0.68 0.00	19.37 0.64 0.00	18.69 0.63 0.00	19.06 0.63 0.00	20.52 0.62 0.00	24.96 1.16 1.39	25.75 1.33 2.26	23.08 1.41 3.06	23.59 1.35 1.44	24.39 1.42 2.46	24.15 1.40 2.68	27.81 1.45 -1.44	37.18 1.80 -4.92	36.64 2.00 -0.78	39.98 2.18 -1.38	52.13 2.65 -9.93	81.12 2.79 -37.87	71.27 3.04 -25.35	49.10 2.55 -7.94	35.31 1.93 0.44	30.72 1.71 -1.02	26.60 1.48 0.00	24.03 1.12 0.00
CH_MIDHUDSON___DRP 24192	22.43 1.09 0.00	20.95 0.84 0.00	19.54 0.81 0.00	18.87 0.81 0.00	19.25 0.81 0.00	20.68 0.78 0.00	27.19 1.39 -0.61	29.28 1.60 -1.01	27.72 1.63 -1.36	25.89 1.56 -0.64	28.16 1.63 -1.10	28.23 1.60 -1.19	29.07 1.65 -2.50	34.33 2.04 -1.83	37.17 2.27 -1.04	40.32 2.48 -1.43	45.68 2.93 -3.20	55.49 3.03 -12.00	54.80 3.30 -8.63	44.86 2.82 -3.43	36.27 2.23 -0.21	30.52 2.02 -0.51	26.85 1.73 0.00	24.19 1.28 0.00

CH_MISC_IPPS 23765	22.53 1.19 0.00	21.07 0.97 0.00	19.59 0.86 0.00	18.83 0.78 0.00	19.18 0.74 0.00	20.72 0.82 0.00	26.85 1.44 -0.22	28.67 1.63 -0.37	26.91 1.68 -0.50	25.53 1.61 -0.24	27.54 1.70 -0.40	27.55 1.68 -0.44	28.63 1.77 -1.94	34.67 2.19 -2.01	37.22 2.40 -0.95	40.54 2.84 -1.29	46.56 3.36 -3.65	57.68 3.52 -13.71	56.24 3.77 -9.59	45.32 3.20 -3.51	36.41 2.50 -0.08	30.73 2.24 -0.50	26.98 1.86 0.00	24.35 1.44 0.00
CH_RES_BVR_FALLS 23983	21.12 -0.21 0.00	19.97 -0.14 0.00	18.60 -0.13 0.00	17.93 -0.13 0.00	18.31 -0.13 0.00	19.79 -0.12 0.00	24.95 -0.25 0.00	26.41 -0.27 0.00	24.48 -0.25 0.00	23.45 -0.24 0.00	25.20 -0.23 0.00	25.20 -0.23 0.00	24.70 -0.22 0.00	30.19 -0.27 0.00	33.56 -0.31 0.00	36.08 -0.33 0.00	38.92 -0.63 0.00	39.61 -0.85 0.00	41.93 -0.94 0.00	38.03 -0.58 0.00	33.52 -0.31 0.00	27.69 -0.31 0.00	24.82 -0.30 0.00	22.61 -0.30 0.00
CH_RES_NIAGARA 23895	21.25 -0.09 0.00	19.84 -0.26 0.00	18.10 -0.64 0.00	17.48 -0.58 0.00	17.72 -0.72 0.00	19.29 -0.62 0.00	24.44 -0.76 0.00	25.69 -0.99 0.00	23.99 -0.74 0.00	23.14 -0.54 0.00	24.72 -0.71 0.00	24.75 -0.69 0.00	24.50 -0.42 0.00	29.73 -0.73 0.00	33.49 -0.37 0.00	35.39 -1.02 0.00	39.59 0.04 0.00	40.38 -0.08 0.00	43.22 0.34 0.00	37.57 -1.04 0.00	31.73 -2.10 0.00	26.01 -1.99 0.00	23.69 -1.43 0.00	22.22 -0.69 0.00
CH_RES_SYRACUSE 23985	21.53 0.19 0.00	20.23 0.12 0.00	18.77 0.04 0.00	18.11 0.05 0.00	18.49 0.06 0.00	20.03 0.12 0.00	25.30 0.10 0.00	26.70 0.03 0.00	24.70 -0.02 0.00	23.64 -0.05 0.00	25.48 0.05 0.00	25.48 0.05 0.00	24.97 0.05 0.00	30.53 0.06 0.00	34.03 0.17 0.00	36.59 0.18 0.00	40.19 0.63 0.00	41.19 0.73 0.00	43.65 0.77 0.00	39.08 0.47 0.00	33.96 0.14 0.00	28.16 0.17 0.00	25.25 0.13 0.00	23.18 0.28 0.00
CLINTON_WT_PWR 323605	21.34 0.00 0.00	20.21 0.10 0.00	18.81 0.08 0.00	18.15 0.09 0.00	18.55 0.11 0.00	20.12 0.22 0.00	25.42 0.23 0.00	26.94 0.27 0.00	25.05 0.32 0.00	23.99 0.31 0.00	25.84 0.41 0.00	25.84 0.41 0.00	25.32 0.40 0.00	30.95 0.49 0.00	34.40 0.54 0.00	37.14 0.73 0.00	39.99 0.44 0.00	40.58 0.12 0.00	42.87 0.00 0.00	38.88 0.27 0.00	34.13 0.30 0.00	27.83 -0.17 0.00	24.72 -0.40 0.00	22.40 -0.50 0.00
CLINTON__LFGE 323618	21.57 0.24 0.00	20.41 0.30 0.00	18.99 0.26 0.00	18.33 0.27 0.00	18.73 0.29 0.00	20.34 0.44 0.00	25.70 0.50 0.00	27.21 0.53 0.00	25.30 0.57 0.00	24.23 0.55 0.00	26.09 0.66 0.00	26.12 0.69 0.00	25.60 0.67 0.00	31.29 0.82 0.00	34.78 0.91 0.00	37.61 1.20 0.00	40.54 0.99 0.00	41.22 0.77 0.00	43.56 0.68 0.00	39.50 0.89 0.00	34.61 0.78 0.00	28.16 0.17 0.00	24.97 -0.15 0.00	22.63 -0.27 0.00
COBBLENY_34_KV_TB1 80064	22.06 0.73 0.00	20.65 0.54 0.00	18.75 0.02 0.00	17.55 -0.51 0.00	17.90 -0.53 0.00	20.14 0.24 0.00	25.65 0.45 0.00	26.92 0.24 0.00	25.15 0.42 0.00	24.30 0.62 0.00	26.02 0.58 0.00	26.04 0.61 0.00	25.80 0.87 0.00	31.44 0.97 0.00	34.54 0.68 0.00	37.06 0.66 0.00	41.89 2.33 0.00	42.76 2.31 0.00	45.88 3.00 0.00	39.73 1.12 0.00	33.45 -0.37 0.00	27.38 -0.62 0.00	24.69 -0.43 0.00	23.25 0.34 0.00
COFFEEN__115KV_TB3 355620	22.21 0.87 0.00	20.89 0.78 0.00	19.35 0.62 0.00	18.63 0.58 0.00	19.06 0.63 0.00	20.80 0.90 0.00	26.33 1.13 0.00	28.01 1.33 0.00	25.57 0.84 0.00	24.40 0.71 0.00	26.32 0.89 0.00	26.42 0.99 0.00	25.85 0.92 0.00	31.90 1.43 0.00	35.42 1.56 0.00	38.30 1.89 0.00	42.36 2.81 0.00	43.69 3.24 0.00	46.78 3.90 0.00	42.01 3.40 0.00	36.36 2.54 0.00	29.84 1.85 0.00	26.58 1.46 0.00	24.26 1.35 0.00
COLDSPRG_115KV_BK1 355956	22.79 1.45 0.00	21.31 1.21 0.00	19.28 0.54 0.00	18.09 0.04 0.00	18.46 0.02 0.00	20.80 0.90 0.00	26.56 1.36 0.00	27.96 1.28 0.00	26.21 1.48 0.00	25.39 1.71 0.00	27.16 1.73 0.00	27.19 1.75 0.00	26.92 1.99 0.00	32.96 2.50 0.00	36.30 2.44 0.00	38.88 2.48 0.00	43.98 4.43 0.00	44.95 4.49 0.00	48.11 5.23 0.00	41.47 2.86 0.00	34.71 0.88 0.00	28.25 0.25 0.00	25.35 0.23 0.00	23.82 0.92 0.00
COLONIE_LFGE__ 323577	21.98 0.64 0.00	20.69 0.58 0.00	19.31 0.58 0.00	18.62 0.56 0.00	19.03 0.59 0.00	20.52 0.62 0.00	26.65 0.96 -0.49	28.60 1.12 -0.81	26.88 1.06 -1.09	25.17 0.97 -0.52	27.25 0.94 -0.88	27.30 0.91 -0.96	27.29 0.85 -1.52	32.02 1.00 -0.55	34.59 1.05 0.32	37.71 1.27 -0.03	42.58 1.66 -1.36	47.95 2.02 -5.47	49.06 2.14 -4.04	42.19 1.85 -1.72	35.61 1.62 -0.16	29.60 1.34 -0.26	26.33 1.21 0.00	23.78 0.87 0.00
COOPERNY_115KV_TB1 80082	22.04 0.70 0.00	20.65 0.54 0.00	19.24 0.51 0.00	18.56 0.51 0.00	18.94 0.50 0.00	20.40 0.50 0.00	25.44 0.93 0.69	26.73 1.12 1.06	24.45 1.16 1.44	24.12 1.11 0.68	25.44 1.17 1.16	25.34 1.17 1.26	24.04 1.17 2.06	31.02 1.43 0.88	35.30 1.63 0.19	37.59 1.75 0.57	39.97 2.14 1.72	35.73 2.27 6.99	40.18 2.49 5.18	38.42 2.05 2.24	35.13 1.52 0.22	28.99 1.34 0.35	26.28 1.16 0.00	23.82 0.92 0.00
COPENHAGEN_WT_PWR 323753	22.08 0.75 0.00	20.75 0.64 0.00	19.24 0.51 0.00	18.58 0.52 0.00	19.01 0.57 0.00	20.62 0.72 0.00	26.10 0.91 0.00	27.74 1.07 0.00	25.37 0.64 0.00	24.21 0.52 0.00	26.14 0.71 0.00	26.22 0.79 0.00	25.67 0.75 0.00	31.62 1.16 0.00	35.22 1.36 0.00	37.97 1.56 0.00	41.89 2.33 0.00	43.09 2.63 0.00	46.09 3.22 0.00	41.39 2.78 0.00	35.86 2.03 0.00	29.48 1.48 0.00	26.30 1.18 0.00	24.03 1.12 0.00
CORNELL____ 23752	21.98 0.64 0.00	20.63 0.52 0.00	19.13 0.39 0.00	18.34 0.29 0.00	18.73 0.30 0.00	20.42 0.52 0.00	25.98 0.78 0.00	27.48 0.80 0.00	25.37 0.64 0.00	24.28 0.59 0.00	26.07 0.64 0.00	26.04 0.61 0.00	25.55 0.62 0.00	31.29 0.82 0.00	34.85 0.98 0.00	37.57 1.17 0.00	41.57 2.02 0.00	42.68 2.23 0.00	45.45 2.57 0.00	40.50 1.89 0.00	35.01 1.18 0.00	28.92 0.92 0.00	25.90 0.78 0.00	23.73 0.82 0.00
CORONAAV_69_KV_TB1 355595	23.06 1.71 -0.01	21.53 1.39 -0.03	20.03 1.29 0.00	19.18 1.12 0.00	19.60 1.16 0.00	21.26 1.35 0.00	28.89 2.22 -1.47	31.54 2.48 -2.39	30.48 2.52 -3.23	27.66 2.44 -1.54	30.49 2.47 -2.59	30.71 2.47 -2.81	31.67 2.49 -4.25	35.50 2.89 -2.14	38.79 3.35 -1.57	42.16 3.57 -2.18	50.91 4.11 -7.25	58.59 4.25 -13.88	57.78 4.54 -10.36	48.02 4.02 -5.39	37.80 3.11 -0.86	33.06 2.80 -2.26	29.43 2.56 -1.75	24.95 2.02 -0.02
CORTLAND_115KV_TB3 80093	21.79 0.45 0.00	20.47 0.36 0.00	18.98 0.24 0.00	18.22 0.16 0.00	18.60 0.17 0.00	20.26 0.36 0.00	25.73 0.53 0.00	27.21 0.53 0.00	25.17 0.45 0.00	24.11 0.43 0.00	25.92 0.48 0.00	25.89 0.46 0.00	25.40 0.47 0.00	31.10 0.64 0.00	34.58 0.71 0.00	37.25 0.84 0.00	41.06 1.50 0.00	42.12 1.66 0.00	44.76 1.89 0.00	39.96 1.35 0.00	34.64 0.81 0.00	28.61 0.62 0.00	25.65 0.53 0.00	23.50 0.60 0.00

COXSACKIE___GT 23611	22.40 1.07 0.00	21.01 0.91 0.00	19.61 0.88 0.00	18.92 0.87 0.00	19.21 0.77 0.00	20.54 0.64 0.00	26.50 0.96 -0.34	28.26 1.01 -0.57	26.47 0.96 -0.77	24.88 0.83 -0.36	26.79 0.74 -0.62	26.80 0.69 -0.68	26.83 0.52 -1.39	32.02 0.70 -0.85	34.80 0.85 -0.09	38.10 1.31 -0.38	43.26 1.98 -1.73	49.28 2.55 -6.28	50.33 2.92 -4.54	42.92 2.47 -1.84	36.22 2.27 -0.13	29.98 1.71 -0.28	26.88 1.76 0.00	24.26 1.35 0.00
CPV_VALLEY___CC1 323721	22.13 0.79 0.00	20.73 0.62 0.00	19.29 0.56 0.00	18.54 0.49 0.00	18.92 0.48 0.00	20.48 0.58 0.00	25.15 1.08 1.13	26.11 1.25 1.82	23.57 1.31 2.47	23.80 1.28 1.16	24.79 1.35 1.99	24.59 1.32 2.16	23.39 1.37 2.90	31.23 1.67 0.91	35.43 1.83 0.26	37.72 2.07 0.76	40.29 2.49 1.76	35.91 2.67 7.22	40.13 2.83 5.58	38.34 2.39 2.66	35.19 1.72 0.36	29.16 1.59 0.43	26.48 1.36 0.00	23.96 1.05 0.00
CPV_VALLEY___CC2 323722	22.13 0.79 0.00	20.73 0.62 0.00	19.29 0.56 0.00	18.54 0.49 0.00	18.92 0.48 0.00	20.48 0.58 0.00	25.15 1.08 1.13	26.11 1.25 1.82	23.57 1.31 2.47	23.80 1.28 1.16	24.79 1.35 1.99	24.59 1.32 2.16	23.39 1.37 2.90	31.23 1.67 0.91	35.43 1.83 0.26	37.72 2.07 0.76	40.29 2.49 1.76	35.91 2.67 7.22	40.13 2.83 5.58	38.34 2.39 2.66	35.19 1.72 0.36	29.16 1.59 0.43	26.48 1.36 0.00	23.96 1.05 0.00
CRESCENT___HYD 24018	21.98 0.64 0.00	20.69 0.58 0.00	19.31 0.58 0.00	18.62 0.56 0.00	19.03 0.59 0.00	20.52 0.62 0.00	26.65 0.96 -0.49	28.60 1.12 -0.81	26.88 1.06 -1.09	25.17 0.97 -0.52	27.25 0.94 -0.88	27.30 0.91 -0.96	27.29 0.85 -1.52	32.02 1.00 -0.55	34.59 1.05 0.32	37.71 1.27 -0.03	42.58 1.66 -1.36	47.95 2.02 -5.47	49.06 2.14 -4.04	42.19 1.85 -1.72	35.61 1.62 -0.16	29.60 1.34 -0.26	26.33 1.21 0.00	23.78 0.87 0.00
CRICKET___VALLEY_CC1 323756	22.10 0.77 0.00	20.73 0.62 0.00	19.35 0.62 0.00	18.60 0.54 0.00	18.99 0.55 0.00	20.52 0.62 0.00	27.40 1.16 -1.04	29.73 1.36 -1.70	28.39 1.36 -2.30	26.09 1.33 -1.08	28.58 1.30 -1.85	28.72 1.27 -2.01	29.37 1.30 -3.15	31.85 1.55 0.17	30.70 1.63 4.79	34.82 1.86 3.44	44.40 2.21 -2.64	53.91 2.51 -10.95	53.56 2.57 -8.11	44.35 2.24 -3.50	35.95 1.79 -0.34	30.16 1.62 -0.54	26.55 1.43 0.00	23.91 1.01 0.00
CRICKET___VALLEY_CC2 323757	22.10 0.77 0.00	20.73 0.62 0.00	19.35 0.62 0.00	18.60 0.54 0.00	18.99 0.55 0.00	20.52 0.62 0.00	27.40 1.16 -1.04	29.73 1.36 -1.70	28.39 1.36 -2.30	26.09 1.33 -1.08	28.58 1.30 -1.85	28.72 1.27 -2.01	29.37 1.30 -3.15	31.85 1.55 0.17	30.70 1.63 4.79	34.82 1.86 3.44	44.40 2.21 -2.64	53.91 2.51 -10.95	53.56 2.57 -8.11	44.35 2.24 -3.50	35.95 1.79 -0.34	30.16 1.62 -0.54	26.55 1.43 0.00	23.91 1.01 0.00
CRICKET___VALLEY_CC3 323758	22.10 0.77 0.00	20.73 0.62 0.00	19.35 0.62 0.00	18.60 0.54 0.00	18.99 0.55 0.00	20.52 0.62 0.00	27.40 1.16 -1.04	29.73 1.36 -1.70	28.39 1.36 -2.30	26.09 1.33 -1.08	28.58 1.30 -1.85	28.72 1.27 -2.01	29.37 1.30 -3.15	31.85 1.55 0.17	30.70 1.63 4.79	34.82 1.86 3.44	44.40 2.21 -2.64	53.91 2.51 -10.95	53.56 2.57 -8.11	44.35 2.24 -3.50	35.95 1.79 -0.34	30.16 1.62 -0.54	26.55 1.43 0.00	23.91 1.01 0.00
CRUCIBLE_METL_DRP 24180	21.49 0.15 0.00	20.21 0.10 0.00	18.77 0.04 0.00	18.02 -0.04 0.00	18.40 -0.04 0.00	20.02 0.12 0.00	25.30 0.10 0.00	26.70 0.03 0.00	24.68 -0.05 0.00	23.66 -0.02 0.00	25.48 0.05 0.00	25.48 0.05 0.00	24.97 0.05 0.00	30.53 0.06 0.00	33.93 0.07 0.00	36.52 0.11 0.00	40.15 0.59 0.00	41.10 0.65 0.00	43.65 0.77 0.00	39.07 0.46 0.00	33.96 0.14 0.00	28.16 0.17 0.00	25.25 0.13 0.00	23.18 0.27 0.00
DAHOWA___HYDRO 323763	22.23 0.90 0.00	20.91 0.81 0.00	19.52 0.79 0.00	18.81 0.76 0.00	19.29 0.85 0.00	20.84 0.94 0.00	27.01 1.33 -0.48	29.00 1.55 -0.78	27.25 1.46 -1.06	25.51 1.33 -0.50	27.58 1.30 -0.85	27.61 1.25 -0.93	27.52 1.12 -1.48	32.39 1.37 -0.56	35.11 1.49 0.24	38.29 1.78 -0.09	43.21 2.33 -1.32	48.64 2.87 -5.31	50.18 3.39 -3.91	43.18 2.90 -1.67	36.52 2.54 -0.15	30.24 1.99 -0.26	26.80 1.68 0.00	24.21 1.31 0.00
DANC___LFGE 323619	21.87 0.53 0.00	20.55 0.44 0.00	19.07 0.34 0.00	18.40 0.34 0.00	18.81 0.37 0.00	20.38 0.48 0.00	25.80 0.60 0.00	27.34 0.67 0.00	25.12 0.39 0.00	23.99 0.31 0.00	25.91 0.48 0.00	25.99 0.56 0.00	25.45 0.52 0.00	31.25 0.79 0.00	34.78 0.91 0.00	37.43 1.02 0.00	41.22 1.66 0.00	42.36 1.90 0.00	45.15 2.27 0.00	40.50 1.89 0.00	35.14 1.32 0.00	29.06 1.06 0.00	25.95 0.83 0.00	23.76 0.85 0.00
DANSKAMMER___1 23586	22.53 1.19 0.00	21.07 0.97 0.00	19.59 0.86 0.00	18.83 0.78 0.00	19.18 0.74 0.00	20.72 0.82 0.00	26.85 1.44 -0.22	28.67 1.63 -0.37	26.91 1.68 -0.50	25.53 1.61 -0.24	27.54 1.70 -0.40	27.55 1.68 -0.44	28.63 1.77 -1.94	34.67 2.19 -2.01	37.22 2.40 -0.95	40.54 2.84 -1.29	46.56 3.36 -3.65	57.68 3.52 -13.71	56.24 3.77 -9.59	45.32 3.20 -3.51	36.41 2.50 -0.08	30.73 2.24 -0.50	26.98 1.86 0.00	24.35 1.44 0.00
DANSKAMMER___2 23589	22.53 1.19 0.00	21.07 0.97 0.00	19.59 0.86 0.00	18.83 0.78 0.00	19.18 0.74 0.00	20.72 0.82 0.00	26.85 1.44 -0.22	28.67 1.63 -0.37	26.91 1.68 -0.50	25.53 1.61 -0.24	27.54 1.70 -0.40	27.55 1.68 -0.44	28.63 1.77 -1.94	34.67 2.19 -2.01	37.22 2.40 -0.95	40.54 2.84 -1.29	46.56 3.36 -3.65	57.68 3.52 -13.71	56.24 3.77 -9.59	45.32 3.20 -3.51	36.41 2.50 -0.08	30.73 2.24 -0.50	26.98 1.86 0.00	24.35 1.44 0.00
DANSKAMMER___3 23590	22.53 1.19 0.00	21.07 0.97 0.00	19.59 0.86 0.00	18.83 0.78 0.00	19.18 0.74 0.00	20.72 0.82 0.00	26.85 1.44 -0.22	28.67 1.63 -0.37	26.91 1.68 -0.50	25.53 1.61 -0.24	27.54 1.70 -0.40	27.55 1.68 -0.44	28.63 1.77 -1.94	34.67 2.19 -2.01	37.22 2.40 -0.95	40.54 2.84 -1.29	46.56 3.36 -3.65	57.68 3.52 -13.71	56.24 3.77 -9.59	45.32 3.20 -3.51	36.41 2.50 -0.08	30.73 2.24 -0.50	26.98 1.86 0.00	24.35 1.44 0.00
DANSKAMMER___4 23591	22.53 1.19 0.00	21.07 0.97 0.00	19.59 0.86 0.00	18.83 0.78 0.00	19.18 0.74 0.00	20.72 0.82 0.00	26.85 1.44 -0.22	28.67 1.63 -0.37	26.91 1.68 -0.50	25.53 1.61 -0.24	27.54 1.70 -0.40	27.55 1.68 -0.44	28.63 1.77 -1.94	34.67 2.19 -2.01	37.22 2.40 -0.95	40.54 2.84 -1.29	46.56 3.36 -3.65	57.68 3.52 -13.71	56.24 3.77 -9.59	45.32 3.20 -3.51	36.41 2.50 -0.08	30.73 2.24 -0.50	26.98 1.86 0.00	24.35 1.44 0.00
DANSKAMMER___DIESEL 23592	22.58 1.24 0.00	21.07 0.97 0.00	19.61 0.88 0.00	18.94 0.88 0.00	19.29 0.85 0.00	20.72 0.82 0.00	26.85 1.44 -0.22	28.67 1.63 -0.37	26.94 1.71 -0.50	25.53 1.61 -0.24	27.54 1.70 -0.40	27.55 1.68 -0.44	28.63 1.77 -1.94	34.67 2.19 -2.01	37.32 2.51 -0.95	40.50 2.80 -1.29	46.53 3.32 -3.65	57.61 3.44 -13.71	56.24 3.77 -9.59	45.32 3.20 -3.51	36.45 2.54 -0.08	30.73 2.24 -0.50	27.00 1.88 0.00	24.35 1.44 0.00

DARBY___SOLAR 323810	22.19 0.85 0.00	20.85 0.74 0.00	19.48 0.75 0.00	18.76 0.70 0.00	19.23 0.79 0.00	20.78 0.87 0.00	26.91 1.23 -0.48	28.93 1.47 -0.79	27.18 1.38 -1.07	25.47 1.28 -0.50	27.54 1.25 -0.86	27.56 1.20 -0.93	27.50 1.10 -1.48	32.33 1.31 -0.56	35.07 1.46 0.25	38.20 1.71 -0.08	43.10 2.21 -1.33	48.46 2.67 -5.33	49.94 3.13 -3.93	42.95 2.66 -1.68	36.31 2.33 -0.15	30.10 1.85 -0.26	26.70 1.58 0.00	24.12 1.21 0.00
DASHVILLE___HYD 23610	22.66 1.32 0.00	21.15 1.05 0.00	19.67 0.94 0.00	18.94 0.88 0.00	19.25 0.81 0.00	20.70 0.80 0.00	26.66 1.46 0.00	28.28 1.60 0.00	26.43 1.71 0.00	25.30 1.61 0.00	27.11 1.68 0.00	27.09 1.65 0.00	27.96 1.97 -1.07	34.29 2.47 -1.36	37.15 2.81 -0.48	40.35 3.24 -0.70	45.89 3.80 -2.54	51.24 2.63 -8.15	51.49 2.87 -5.75	43.20 2.43 -2.15	35.86 1.96 -0.08	30.12 1.82 -0.31	26.48 1.36 0.00	23.94 1.03 0.00
DEERFIELD_69_KV_DEERFIELD LD 355887	31.96 2.82 -7.81	37.53 2.25 -15.18	26.30 2.08 -5.49	22.47 1.99 -2.43	22.82 2.07 -2.31	25.86 2.21 -3.75	39.70 3.68 -10.82	42.52 3.97 -11.87	42.43 3.88 -13.82	39.63 3.72 -12.22	36.92 3.79 -7.70	37.65 3.76 -8.45	38.78 3.69 -10.16	41.04 4.26 -6.31	63.55 4.94 -24.74	47.80 5.35 -6.04	65.14 6.01 -19.58	79.30 6.27 -32.57	113.17 6.65 -63.65	134.03 5.79 -89.63	133.57 4.84 -94.91	48.08 4.12 -15.97	39.42 3.79 -10.51	36.72 3.18 -10.63
DELAWARE___LFGE 323621	22.00 0.66 0.00	20.65 0.54 0.00	19.28 0.54 0.00	18.58 0.52 0.00	18.97 0.53 0.00	20.46 0.56 0.00	25.98 0.88 0.10	27.48 1.01 0.20	25.39 0.94 0.28	24.45 0.90 0.13	26.20 0.99 0.22	26.18 0.99 0.24	25.73 1.00 0.19	31.75 1.28 -0.01	35.32 1.42 -0.03	37.90 1.49 0.00	41.49 1.94 0.00	42.60 2.14 0.00	45.32 2.44 0.00	40.58 1.97 0.00	35.28 1.45 0.00	29.15 1.18 0.02	26.15 1.03 0.00	23.78 0.87 0.00
DERFIELD_115KV_TB7 355931	21.40 0.06 0.00	20.15 0.04 0.00	18.77 0.04 0.00	18.09 0.04 0.00	18.49 0.06 0.00	19.95 0.04 0.00	25.27 0.08 0.00	26.76 0.08 0.00	24.80 0.07 0.00	23.76 0.07 0.00	25.51 0.08 0.00	25.51 0.08 0.00	24.97 0.05 0.00	30.56 0.09 0.00	33.97 0.10 0.00	36.48 0.07 0.00	39.75 0.20 0.00	40.70 0.24 0.00	43.18 0.30 0.00	38.77 0.15 0.00	33.89 0.07 0.00	28.02 0.03 0.00	25.14 0.03 0.00	22.93 0.02 0.00
DOGLEVILLE___HYD 23807	21.47 0.13 0.00	20.21 0.10 0.00	18.83 0.09 0.00	18.16 0.11 0.00	18.55 0.11 0.00	20.05 0.14 0.00	25.25 0.05 0.00	26.76 0.08 0.00	24.73 0.00 0.00	23.68 0.00 0.00	25.46 0.03 0.00	25.46 0.03 0.00	24.97 0.05 0.00	30.56 0.09 0.00	33.93 0.07 0.00	36.48 0.07 0.00	39.71 0.16 0.00	40.62 0.16 0.00	42.96 0.09 0.00	38.53 -0.08 0.00	33.69 -0.13 0.00	27.88 -0.11 0.00	25.04 -0.08 0.00	22.84 -0.07 0.00
DUNKIRK___115KV_TB_200 55889	22.23 0.90 0.00	20.79 0.68 0.00	18.85 0.11 0.00	17.66 -0.40 0.00	18.01 -0.42 0.00	20.24 0.34 0.00	25.83 0.63 0.00	27.13 0.45 0.00	25.37 0.64 0.00	24.54 0.85 0.00	26.30 0.86 0.00	26.32 0.89 0.00	26.07 1.15 0.00	31.80 1.34 0.00	34.95 1.08 0.00	37.46 1.06 0.00	42.36 2.81 0.00	43.21 2.75 0.00	46.30 3.43 0.00	40.00 1.39 0.00	33.62 -0.20 0.00	27.49 -0.50 0.00	24.77 -0.35 0.00	23.25 0.34 0.00
DUNKIRK___1 23563	22.23 0.90 0.00	20.79 0.68 0.00	18.85 0.11 0.00	17.66 -0.40 0.00	18.01 -0.42 0.00	20.24 0.34 0.00	25.83 0.63 0.00	27.13 0.45 0.00	25.37 0.64 0.00	24.54 0.85 0.00	26.30 0.86 0.00	26.32 0.89 0.00	26.07 1.15 0.00	31.80 1.34 0.00	34.95 1.08 0.00	37.46 1.06 0.00	42.36 2.81 0.00	43.21 2.75 0.00	46.30 3.43 0.00	40.00 1.39 0.00	33.62 -0.20 0.00	27.49 -0.50 0.00	24.77 -0.35 0.00	23.25 0.34 0.00
DUNKIRK___2 23564	22.23 0.90 0.00	20.79 0.68 0.00	18.85 0.11 0.00	17.66 -0.40 0.00	18.01 -0.42 0.00	20.24 0.34 0.00	25.83 0.63 0.00	27.13 0.45 0.00	25.37 0.64 0.00	24.54 0.85 0.00	26.30 0.86 0.00	26.32 0.89 0.00	26.07 1.15 0.00	31.80 1.34 0.00	34.95 1.08 0.00	37.46 1.06 0.00	42.36 2.81 0.00	43.21 2.75 0.00	46.30 3.43 0.00	40.00 1.39 0.00	33.62 -0.20 0.00	27.49 -0.50 0.00	24.77 -0.35 0.00	23.25 0.34 0.00
DUNKIRK___3 23565	22.11 0.77 0.00	20.67 0.56 0.00	18.75 0.02 0.00	17.59 -0.47 0.00	17.94 -0.50 0.00	20.14 0.24 0.00	25.70 0.50 0.00	27.02 0.35 0.00	25.25 0.52 0.00	24.40 0.71 0.00	26.14 0.71 0.00	26.17 0.74 0.00	25.90 0.97 0.00	31.59 1.13 0.00	34.74 0.88 0.00	37.25 0.84 0.00	42.09 2.53 0.00	42.93 2.47 0.00	46.00 3.13 0.00	39.81 1.20 0.00	33.52 -0.30 0.00	27.43 -0.56 0.00	24.72 -0.40 0.00	23.23 0.32 0.00
DUNKIRK___4 23566	22.17 0.83 0.00	20.73 0.62 0.00	18.79 0.06 0.00	17.60 -0.45 0.00	17.96 -0.48 0.00	20.18 0.28 0.00	25.75 0.55 0.00	27.05 0.37 0.00	25.27 0.54 0.00	24.44 0.76 0.00	26.17 0.74 0.00	26.20 0.76 0.00	25.95 1.02 0.00	31.65 1.19 0.00	34.78 0.91 0.00	37.28 0.87 0.00	42.16 2.61 0.00	43.01 2.55 0.00	46.09 3.22 0.00	39.85 1.24 0.00	33.52 -0.30 0.00	27.41 -0.59 0.00	24.72 -0.40 0.00	23.23 0.32 0.00
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	22.51 1.17 0.00	21.01 0.90 0.00	19.58 0.84 0.00	18.90 0.85 0.00	19.30 0.87 0.00	20.78 0.88 0.00	28.29 1.64 -1.45	30.94 1.89 -2.38	29.90 1.95 -3.22	27.10 1.89 -1.52	30.01 1.98 -2.59	30.21 1.96 -2.82	31.18 1.99 -4.26	35.04 2.44 -2.14	38.11 2.68 -1.57	41.42 2.84 -2.17	46.42 3.32 -3.54	57.88 3.52 -13.90	57.02 3.77 -10.38	46.41 3.24 -4.56	36.77 2.47 -0.47	30.94 2.24 -0.71	27.08 1.96 0.00	24.37 1.47 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	22.40 1.07 0.00	20.93 0.82 0.00	19.48 0.75 0.00	18.80 0.74 0.00	19.14 0.70 0.00	20.60 0.70 0.00	26.05 1.29 0.44	27.45 1.47 0.69	25.34 1.56 0.94	24.73 1.49 0.44	26.23 1.55 0.76	26.13 1.53 0.82	27.41 1.60 -0.89	34.61 1.98 -2.17	36.76 2.24 -0.66	39.83 2.51 -0.91	46.68 2.97 -4.16	58.84 2.99 -15.38	56.57 3.30 -10.39	44.77 2.78 -3.38	35.83 2.13 0.12	30.34 1.90 -0.45	26.73 1.61 0.00	24.14 1.24 0.00
E179THST_138_KV_TB4_REV_LBMP_J 345001	22.58 1.24 0.00	21.05 0.94 0.00	19.61 0.88 0.00	18.92 0.87 0.00	19.32 0.89 0.00	20.81 0.92 0.02	28.37 1.74 -1.44	31.01 1.97 -2.37	30.02 2.08 -3.21	27.21 2.01 -1.51	30.13 2.11 -2.58	30.35 2.11 -2.81	31.32 2.14 -4.25	35.19 2.59 -2.13	38.24 2.81 -1.56	41.45 2.88 -2.17	46.22 3.12 -3.54	57.75 3.40 -13.90	56.81 3.56 -10.37	46.22 3.05 -4.56	36.80 2.50 -0.47	31.05 2.35 -0.70	27.16 2.06 0.02	24.47 1.56 0.00
E179THST_13_KV_LOAD 356214	22.66 1.32 0.00	21.13 1.03 0.00	19.69 0.96 0.00	18.99 0.94 0.00	19.38 0.94 0.00	20.88 1.00 0.02	28.50 1.86 -1.44	31.15 2.11 -2.37	30.14 2.20 -3.21	27.33 2.13 -1.51	30.25 2.24 -2.58	30.48 2.24 -2.81	31.44 2.27 -4.25	35.37 2.77 -2.13	38.44 3.01 -1.56	41.64 3.06 -2.17	46.46 3.36 -3.54	58.00 3.64 -13.90	57.11 3.86 -10.37	46.45 3.28 -4.56	36.97 2.67 -0.47	31.19 2.49 -0.70	27.29 2.19 0.02	24.56 1.65 0.00

EAST HAMPTON___GT 23717	31.90 2.75 -7.81	37.79 2.51 -15.17	26.53 2.30 -5.50	22.36 1.88 -2.43	22.70 1.95 -2.31	26.10 2.45 -3.75	40.03 4.01 -10.82	42.92 4.37 -11.87	42.85 4.30 -13.82	39.98 4.08 -12.22	37.34 4.20 -7.71	38.06 4.17 -8.46	39.18 4.09 -10.17	41.46 4.69 -6.31	63.95 5.35 -24.74	48.50 6.05 -6.05	65.94 6.81 -19.58	80.19 7.08 -32.66	114.33 7.46 -63.99	135.31 6.53 -90.17	134.55 5.27 -95.45	48.50 4.53 -15.97	39.75 4.12 -10.51	36.99 3.46 -10.63
EAST RIVER___6 23660	22.53 1.19 0.00	21.05 0.95 0.00	19.58 0.84 0.00	18.78 0.72 0.00	19.19 0.76 0.00	20.82 0.92 0.00	28.41 1.76 -1.45	31.10 2.05 -2.37	30.10 2.15 -3.22	27.36 2.16 -1.52	30.29 2.26 -2.59	30.51 2.26 -2.82	31.47 2.29 -4.26	35.41 2.80 -2.14	38.38 2.94 -1.57	41.78 3.20 -2.17	46.78 3.68 -3.54	58.28 3.92 -13.90	57.32 4.08 -10.37	46.64 3.48 -4.56	36.84 2.54 -0.47	31.08 2.38 -0.71	27.20 2.08 0.00	24.47 1.56 0.00
EAST RIVER___7 23524	22.53 1.19 0.00	21.05 0.95 0.00	19.58 0.84 0.00	18.78 0.72 0.00	19.19 0.76 0.00	20.82 0.92 0.00	28.41 1.76 -1.45	31.10 2.05 -2.37	30.10 2.15 -3.22	27.36 2.16 -1.52	30.29 2.26 -2.59	30.51 2.26 -2.82	31.47 2.29 -4.26	35.41 2.80 -2.14	38.38 2.94 -1.57	41.78 3.20 -2.17	46.78 3.68 -3.54	58.28 3.92 -13.90	57.32 4.08 -10.37	46.64 3.48 -4.56	36.84 2.54 -0.47	31.08 2.38 -0.71	27.20 2.08 0.00	24.47 1.56 0.00
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	22.45 1.11 0.00	20.97 0.86 0.00	19.54 0.81 0.00	18.87 0.81 0.00	19.27 0.83 0.00	20.74 0.84 0.00	28.25 1.56 -1.49	30.92 1.81 -2.43	29.91 1.88 -3.30	27.06 1.82 -1.55	30.00 1.91 -2.66	30.20 1.88 -2.89	31.19 1.92 -4.35	34.98 2.35 -2.17	38.02 2.57 -1.58	41.37 2.77 -2.20	46.40 3.24 -3.60	58.02 3.44 -14.12	57.11 3.69 -10.54	46.38 3.13 -4.64	36.68 2.37 -0.48	30.90 2.18 -0.72	27.00 1.88 0.00	24.30 1.40 0.00
EAST_HAMPTON___DIESEL 23722	31.90 2.75 -7.81	37.79 2.51 -15.17	26.53 2.30 -5.50	22.36 1.88 -2.43	22.72 1.97 -2.31	26.10 2.45 -3.75	40.05 4.03 -10.82	42.92 4.37 -11.87	42.85 4.30 -13.82	40.00 4.10 -12.22	37.34 4.20 -7.71	38.06 4.17 -8.46	39.18 4.09 -10.17	41.46 4.69 -6.31	63.99 5.38 -24.74	48.50 6.05 -6.05	65.94 6.81 -19.58	80.23 7.12 -32.65	114.36 7.50 -63.98	135.28 6.53 -90.15	134.56 5.31 -95.43	48.53 4.56 -15.97	39.75 4.12 -10.51	36.99 3.46 -10.63
EAST_PULASKI___ESR 323781	21.79 0.45 0.00	20.47 0.36 0.00	18.99 0.26 0.00	18.25 0.20 0.00	18.66 0.22 0.00	20.28 0.38 0.00	25.68 0.48 0.00	27.16 0.48 0.00	25.02 0.30 0.00	23.97 0.28 0.00	25.86 0.43 0.00	25.89 0.46 0.00	25.40 0.47 0.00	31.10 0.64 0.00	34.37 0.51 0.00	36.99 0.58 0.00	40.74 1.19 0.00	41.83 1.38 0.00	44.50 1.63 0.00	39.88 1.27 0.00	34.64 0.81 0.00	28.83 0.84 0.00	25.77 0.65 0.00	23.62 0.71 0.00
EAST_RIVER___1 323558	22.55 1.22 0.00	21.05 0.95 0.00	19.59 0.86 0.00	18.80 0.74 0.00	19.19 0.76 0.00	20.82 0.92 0.00	28.41 1.76 -1.45	31.05 2.00 -2.37	30.05 2.10 -3.22	27.26 2.06 -1.52	30.18 2.16 -2.59	30.41 2.16 -2.82	31.38 2.19 -4.26	35.29 2.68 -2.14	38.24 2.81 -1.57	41.64 3.06 -2.17	46.62 3.52 -3.54	58.08 3.72 -13.90	57.15 3.90 -10.37	46.52 3.36 -4.56	36.77 2.47 -0.47	31.05 2.35 -0.71	27.18 2.06 0.00	24.47 1.56 0.00
EAST_RIVER___2 323559	22.53 1.19 0.00	21.05 0.95 0.00	19.58 0.84 0.00	18.78 0.72 0.00	19.19 0.76 0.00	20.82 0.92 0.00	28.41 1.76 -1.45	31.10 2.05 -2.37	30.10 2.15 -3.22	27.36 2.16 -1.52	30.29 2.26 -2.59	30.51 2.26 -2.82	31.47 2.29 -4.26	35.41 2.80 -2.14	38.38 2.94 -1.57	41.78 3.20 -2.17	46.78 3.68 -3.54	58.28 3.92 -13.90	57.32 4.08 -10.37	46.64 3.48 -4.56	36.84 2.54 -0.47	31.08 2.38 -0.71	27.20 2.08 0.00	24.47 1.56 0.00
EAST___DELAWARE_HYD 23607	22.25 0.92 0.00	20.79 0.68 0.00	19.31 0.58 0.00	18.54 0.49 0.00	18.84 0.41 0.00	20.36 0.46 0.00	25.96 1.08 0.32	27.57 1.33 0.43	25.52 1.38 0.59	24.73 1.33 0.28	26.33 1.37 0.47	26.29 1.37 0.52	26.18 1.42 0.17	32.86 1.80 -0.60	36.16 2.03 -0.26	39.17 2.51 -0.25	43.47 2.97 -0.95	45.87 2.71 -2.70	47.57 2.96 -1.73	41.54 2.47 -0.46	35.61 1.86 0.07	29.72 1.68 -0.05	26.50 1.38 0.00	23.96 1.05 0.00
EIGHT_POINT___WT_PWR 323820	22.49 1.15 0.00	21.01 0.91 0.00	19.24 0.51 0.00	18.54 0.49 0.00	18.90 0.46 0.00	20.66 0.76 0.00	26.28 1.08 0.00	27.80 1.12 0.00	25.81 1.09 0.00	24.77 1.09 0.00	26.58 1.15 0.00	26.55 1.12 0.00	26.20 1.27 0.00	31.93 1.46 0.00	35.90 2.03 0.00	38.26 1.86 0.00	42.76 3.20 0.00	43.81 3.36 0.00	46.69 3.81 0.00	40.89 2.28 0.00	34.67 0.85 0.00	28.42 0.42 0.00	25.62 0.50 0.00	23.71 0.80 0.00
ELBRIDGE_115KV_TB2 80188	21.30 -0.04 0.00	20.01 -0.10 0.00	18.56 -0.17 0.00	17.86 -0.20 0.00	18.25 -0.18 0.00	19.79 -0.12 0.00	25.05 -0.15 0.00	26.41 -0.27 0.00	24.41 -0.32 0.00	23.40 -0.28 0.00	25.15 -0.28 0.00	25.15 -0.28 0.00	24.70 -0.22 0.00	30.16 -0.30 0.00	33.53 -0.34 0.00	36.12 -0.29 0.00	39.63 0.08 0.00	40.62 0.16 0.00	43.09 0.21 0.00	38.57 -0.04 0.00	33.56 -0.27 0.00	27.80 -0.20 0.00	24.94 -0.18 0.00	22.93 0.02 0.00
ELEC_TRO_TEK 24086	22.96 1.60 -0.03	21.45 1.29 -0.06	19.94 1.20 -0.01	19.11 1.05 0.00	19.53 1.09 0.00	21.17 1.25 -0.01	28.80 2.12 -1.49	31.43 2.35 -2.41	30.38 2.40 -3.25	27.54 2.30 -1.56	30.39 2.37 -2.59	30.59 2.34 -2.82	31.53 2.34 -4.26	35.31 2.71 -2.14	38.55 3.12 -1.57	41.91 3.31 -2.18	50.60 3.80 -7.25	58.30 3.96 -13.88	57.43 4.20 -10.36	47.63 3.63 -5.39	37.56 2.88 -0.86	32.84 2.58 -2.27	28.87 2.36 -1.39	24.83 1.88 -0.04
ELLENBURG_WT_PWR 323604	21.34 0.00 0.00	20.21 0.10 0.00	18.81 0.08 0.00	18.15 0.09 0.00	18.55 0.11 0.00	20.12 0.22 0.00	25.42 0.23 0.00	26.94 0.27 0.00	25.05 0.32 0.00	23.99 0.31 0.00	25.84 0.41 0.00	25.84 0.41 0.00	25.32 0.40 0.00	30.95 0.49 0.00	34.40 0.54 0.00	37.14 0.73 0.00	39.99 0.44 0.00	40.58 0.12 0.00	42.87 0.00 0.00	38.88 0.27 0.00	34.13 0.30 0.00	27.83 -0.17 0.00	24.72 -0.40 0.00	22.40 -0.50 0.00
ELM_ST_23_KV_LD_REV_LBMP_A 345012	21.81 0.47 0.00	20.41 0.30 0.00	18.55 -0.19 0.00	17.35 -0.70 0.00	17.70 -0.74 0.00	19.89 -0.02 0.00	25.32 0.13 0.00	26.54 -0.13 0.00	24.80 0.07 0.00	23.95 0.26 0.00	25.64 0.20 0.00	25.66 0.23 0.00	25.42 0.50 0.00	30.92 0.46 0.00	33.93 0.07 0.00	36.41 0.00 0.00	41.14 1.58 0.00	41.95 1.50 0.00	44.98 2.10 0.00	39.00 0.39 0.00	32.88 -0.95 0.00	26.99 -1.01 0.00	24.39 -0.73 0.00	22.95 0.05 0.00
EMPIRE_CC_1 323656	21.61 0.28 0.00	20.43 0.32 0.00	19.11 0.37 0.00	18.40 0.34 0.00	18.81 0.37 0.00	20.20 0.30 0.00	26.29 0.55 -0.54	28.23 0.67 -0.88	26.54 0.62 -1.20	24.84 0.59 -0.56	26.91 0.51 -0.96	26.99 0.51 -1.05	27.01 0.42 -1.66	31.49 0.49 -0.54	33.78 0.44 0.53	36.87 0.58 0.11	41.85 0.83 -1.47	47.51 1.13 -5.92	48.36 1.11 -4.37	41.44 0.97 -1.87	34.88 0.88 -0.17	29.04 0.76 -0.29	25.90 0.78 0.00	23.37 0.46 0.00

EMPIRE_CC_2 323658	21.61 0.28 0.00	20.43 0.32 0.00	19.11 0.37 0.00	18.40 0.34 0.00	18.81 0.37 0.00	20.20 0.30 0.00	26.29 0.55 -0.54	28.23 0.67 -0.88	26.54 0.62 -1.20	24.84 0.59 -0.56	26.91 0.51 -0.96	26.99 0.51 -1.05	27.01 0.42 -1.66	31.49 0.49 -0.54	33.78 0.44 0.53	36.87 0.58 0.11	41.85 0.83 -1.47	47.51 1.13 -5.92	48.36 1.11 -4.37	41.44 0.97 -1.87	34.88 0.88 -0.17	29.04 0.76 -0.29	25.90 0.78 0.00	23.37 0.46 0.00
ENORWICH_115KV_TB1 80156	22.87 1.54 0.00	21.53 1.43 0.00	19.89 1.16 0.00	19.09 1.03 0.00	19.51 1.07 0.00	21.40 1.49 0.00	27.26 2.07 0.00	28.75 2.29 0.22	26.21 1.78 0.30	25.15 1.61 0.14	27.00 1.81 0.24	26.95 1.78 0.26	26.69 1.77 0.00	32.93 2.47 0.00	36.71 2.84 0.00	39.76 3.35 0.00	44.26 4.71 0.00	45.76 5.30 0.00	49.01 6.13 0.00	43.55 4.94 0.00	37.38 3.55 0.00	30.51 2.52 0.00	27.18 2.06 0.00	24.85 1.95 0.00
ERIE_ST__34_KV_TB1-2 80199	22.28 0.94 0.00	20.85 0.74 0.00	18.92 0.19 0.00	17.71 -0.34 0.00	18.07 -0.37 0.00	20.34 0.44 0.00	25.93 0.73 0.00	27.16 0.48 0.00	25.37 0.64 0.00	24.54 0.85 0.00	26.27 0.84 0.00	26.30 0.86 0.00	26.05 1.12 0.00	31.80 1.34 0.00	34.98 1.12 0.00	37.50 1.09 0.00	42.36 2.81 0.00	43.25 2.79 0.00	46.39 3.52 0.00	40.16 1.54 0.00	33.79 -0.03 0.00	27.63 -0.36 0.00	24.89 -0.23 0.00	23.50 0.60 0.00
ERIE_WT_PWR 323693	22.19 0.85 0.00	20.71 0.60 0.00	18.86 0.13 0.00	18.20 0.14 0.00	18.47 0.04 0.00	20.18 0.28 0.00	25.60 0.40 0.00	26.94 0.27 0.00	25.17 0.45 0.00	24.30 0.61 0.00	25.97 0.53 0.00	25.99 0.56 0.00	25.75 0.82 0.00	31.38 0.91 0.00	35.35 1.49 0.00	37.43 1.02 0.00	41.93 2.37 0.00	42.76 2.30 0.00	45.75 2.87 0.00	39.69 1.08 0.00	33.42 -0.40 0.00	27.30 -0.70 0.00	24.74 -0.38 0.00	23.20 0.30 0.00
ESPRGFLD_115KV_TB1 80157	22.21 0.87 0.00	20.85 0.74 0.00	19.43 0.69 0.00	18.74 0.69 0.00	19.16 0.72 0.00	20.68 0.78 0.00	26.31 1.21 0.10	27.89 1.41 0.20	25.69 1.24 0.28	24.76 1.21 0.13	26.56 1.35 0.22	26.54 1.35 0.24	26.08 1.35 0.19	32.24 1.77 -0.01	35.86 1.96 -0.03	38.52 2.11 0.00	42.25 2.69 0.00	43.39 2.95 0.02	46.15 3.34 0.07	41.26 2.74 0.09	35.86 2.06 0.03	29.54 1.57 0.02	26.48 1.36 0.00	24.08 1.17 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	21.94 0.60 0.00	20.61 0.50 0.00	19.11 0.37 0.00	18.33 0.27 0.00	18.71 0.28 0.00	20.40 0.50 0.00	25.93 0.73 0.00	27.45 0.77 0.00	25.35 0.62 0.00	24.25 0.57 0.00	26.04 0.61 0.00	25.99 0.56 0.00	25.52 0.60 0.00	31.26 0.79 0.00	34.78 0.91 0.00	37.54 1.13 0.00	41.49 1.94 0.00	42.60 2.14 0.00	45.32 2.44 0.00	40.43 1.81 0.00	34.98 1.15 0.00	28.89 0.90 0.00	25.85 0.73 0.00	23.71 0.80 0.00
ETNA_____115KV_TB2 80207	21.94 0.60 0.00	20.61 0.50 0.00	19.11 0.37 0.00	18.33 0.27 0.00	18.71 0.28 0.00	20.40 0.50 0.00	25.93 0.73 0.00	27.45 0.77 0.00	25.35 0.62 0.00	24.25 0.57 0.00	26.04 0.61 0.00	25.99 0.56 0.00	25.52 0.60 0.00	31.26 0.79 0.00	34.78 0.91 0.00	37.54 1.13 0.00	41.49 1.94 0.00	42.60 2.14 0.00	45.32 2.44 0.00	40.43 1.81 0.00	34.98 1.15 0.00	28.89 0.90 0.00	25.85 0.73 0.00	23.71 0.80 0.00
EUCLID__115KV_TB2 356179	21.25 -0.09 0.00	19.97 -0.14 0.00	18.55 -0.19 0.00	17.82 -0.23 0.00	18.20 -0.24 0.00	19.77 -0.14 0.00	25.00 -0.20 0.00	26.38 -0.29 0.00	24.41 -0.32 0.00	23.40 -0.28 0.00	25.15 -0.28 0.00	25.15 -0.28 0.00	24.68 -0.25 0.00	30.13 -0.34 0.00	33.46 -0.41 0.00	36.01 -0.40 0.00	39.51 -0.04 0.00	40.46 0.00 0.00	42.96 0.09 0.00	38.46 -0.15 0.00	33.45 -0.37 0.00	27.69 -0.31 0.00	24.87 -0.25 0.00	22.86 -0.05 0.00
E_CANADA_CAP_HY 24051	23.24 1.90 0.00	21.88 1.77 0.00	20.42 1.69 0.00	19.66 1.61 0.00	20.12 1.68 0.00	21.86 1.95 0.00	28.28 2.62 -0.46	30.36 2.93 -0.75	28.45 2.70 -1.02	26.49 2.32 -0.48	28.55 2.29 -0.82	28.57 2.24 -0.90	28.54 2.19 -1.42	33.83 2.80 -0.57	36.78 3.05 0.13	40.22 3.64 -0.17	45.74 4.90 -1.28	51.20 5.62 -5.12	53.16 6.51 -3.77	45.74 5.52 -1.61	38.61 4.63 -0.15	32.02 3.78 -0.25	28.18 3.06 0.00	25.40 2.50 0.00
E_CANADA_MHWK_HY 24050	21.47 0.13 0.00	20.21 0.10 0.00	18.83 0.09 0.00	18.16 0.11 0.00	18.55 0.11 0.00	20.05 0.14 0.00	25.25 0.05 0.00	26.76 0.08 0.00	24.73 0.00 0.00	23.68 0.00 0.00	25.46 0.03 0.00	25.46 0.03 0.00	24.97 0.05 0.00	30.56 0.09 0.00	33.93 0.07 0.00	36.48 0.07 0.00	39.71 0.16 0.00	40.62 0.16 0.00	42.96 0.09 0.00	38.53 -0.08 0.00	33.69 -0.13 0.00	27.88 -0.11 0.00	25.04 -0.08 0.00	22.84 -0.07 0.00
E_FISHKILL__LBMP 23776	22.34 1.00 0.00	20.89 0.78 0.00	19.48 0.75 0.00	18.81 0.76 0.00	19.21 0.77 0.00	20.66 0.76 0.00	27.71 1.39 -1.12	30.14 1.63 -1.83	28.87 1.66 -2.49	26.44 1.59 -1.17	29.09 1.65 -2.00	29.24 1.63 -2.18	29.98 1.65 -3.41	34.34 2.01 -1.86	37.54 2.24 -1.45	40.68 2.37 -1.91	45.35 2.77 -3.03	55.29 2.99 -11.84	54.86 3.22 -8.77	45.14 2.74 -3.78	36.32 2.13 -0.36	30.51 1.93 -0.58	26.80 1.68 0.00	24.14 1.24 0.00
FALCON__SEABRD_CC1 323796	21.53 0.19 0.00	20.37 0.26 0.00	18.96 0.23 0.00	18.31 0.25 0.00	18.71 0.28 0.00	20.30 0.40 0.00	25.68 0.48 0.00	27.18 0.51 0.00	25.27 0.54 0.00	24.21 0.52 0.00	26.07 0.64 0.00	26.09 0.66 0.00	25.57 0.65 0.00	31.25 0.79 0.00	34.74 0.88 0.00	37.54 1.13 0.00	40.42 0.87 0.00	41.10 0.65 0.00	43.39 0.52 0.00	39.34 0.73 0.00	34.50 0.68 0.00	28.11 0.11 0.00	24.94 -0.17 0.00	22.61 -0.30 0.00
FALCON__SEABRD_CC2 323797	21.53 0.19 0.00	20.37 0.26 0.00	18.96 0.23 0.00	18.31 0.25 0.00	18.71 0.28 0.00	20.30 0.40 0.00	25.68 0.48 0.00	27.18 0.51 0.00	25.27 0.54 0.00	24.21 0.52 0.00	26.07 0.64 0.00	26.09 0.66 0.00	25.57 0.65 0.00	31.25 0.79 0.00	34.74 0.88 0.00	37.54 1.13 0.00	40.42 0.87 0.00	41.10 0.65 0.00	43.39 0.52 0.00	39.34 0.73 0.00	34.50 0.68 0.00	28.11 0.11 0.00	24.94 -0.17 0.00	22.61 -0.30 0.00
FAR ROCKAWAY__4 23548	23.25 1.90 -0.01	21.71 1.57 -0.03	20.19 1.46 0.00	19.30 1.25 0.00	19.75 1.31 0.00	21.44 1.53 0.00	29.14 2.47 -1.47	31.81 2.75 -2.39	30.73 2.77 -3.23	27.90 2.68 -1.54	30.74 2.72 -2.59	30.97 2.72 -2.81	31.92 2.74 -4.25	35.83 3.23 -2.14	39.16 3.73 -1.57	42.56 3.97 -2.18	51.39 4.59 -7.25	59.07 4.73 -13.88	58.29 5.06 -10.36	48.44 4.44 -5.39	38.17 3.48 -0.86	33.34 3.08 -2.26	29.72 2.79 -1.81	25.18 2.24 -0.02
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	22.60 1.26 0.00	21.07 0.97 0.00	19.63 0.90 0.00	18.94 0.88 0.00	19.32 0.89 0.00	20.84 0.94 0.00	28.42 1.76 -1.45	31.08 2.03 -2.37	30.07 2.13 -3.22	27.26 2.06 -1.52	30.19 2.16 -2.59	30.41 2.16 -2.82	31.38 2.19 -4.26	35.25 2.65 -2.14	38.31 2.88 -1.57	41.60 3.02 -2.17	46.58 3.48 -3.54	58.04 3.68 -13.90	57.15 3.90 -10.37	46.49 3.32 -4.56	36.84 2.54 -0.47	31.05 2.35 -0.71	27.20 2.08 0.00	24.47 1.56 0.00

FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	22.60 1.26 0.00	21.07 0.97 0.00	19.63 0.90 0.00	18.94 0.88 0.00	19.32 0.89 0.00	20.84 0.94 0.00	28.42 1.76 -1.45	31.08 2.03 -2.37	30.07 2.13 -3.22	27.26 2.06 -1.52	30.19 2.16 -2.59	30.41 2.16 -2.82	31.38 2.19 -4.26	35.25 2.65 -2.14	38.31 2.88 -1.57	41.60 3.02 -2.17	46.58 3.48 -3.54	58.04 3.68 -13.90	57.15 3.90 -10.37	46.53 3.36 -4.56	36.84 2.54 -0.47	31.08 2.38 -0.71	27.20 2.08 0.00	24.47 1.56 0.00
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	22.58 1.24 0.00	21.05 0.94 0.00	19.61 0.88 0.00	18.92 0.87 0.00	19.32 0.89 0.00	20.82 0.92 0.00	28.39 1.74 -1.45	31.05 2.00 -2.37	30.05 2.10 -3.22	27.26 2.06 -1.52	30.16 2.14 -2.59	30.39 2.14 -2.82	31.35 2.17 -4.26	35.25 2.65 -2.14	38.28 2.84 -1.57	41.56 2.99 -2.17	46.54 3.44 -3.54	58.00 3.64 -13.90	57.11 3.86 -10.37	46.49 3.32 -4.56	36.80 2.50 -0.47	31.05 2.35 -0.71	27.18 2.06 0.00	24.47 1.56 0.00
FARRAGUT___LBMP 323566	22.55 1.22 0.00	21.05 0.94 0.00	19.59 0.86 0.00	18.90 0.85 0.00	19.30 0.87 0.00	20.82 0.92 0.00	28.39 1.74 -1.45	31.02 1.97 -2.37	30.02 2.08 -3.22	27.24 2.04 -1.52	30.14 2.11 -2.59	30.36 2.11 -2.82	31.33 2.14 -4.26	35.19 2.59 -2.14	38.25 2.81 -1.57	41.53 2.95 -2.17	46.50 3.40 -3.54	57.96 3.60 -13.90	57.06 3.82 -10.37	46.45 3.28 -4.56	36.80 2.50 -0.47	31.03 2.32 -0.71	27.18 2.06 0.00	24.44 1.53 0.00
FENNER___WINDPWR 24204	21.83 0.49 0.00	20.53 0.42 0.00	19.07 0.34 0.00	18.40 0.34 0.00	18.79 0.35 0.00	20.34 0.44 0.00	25.75 0.55 0.00	27.31 0.64 0.00	25.20 0.47 0.00	24.11 0.43 0.00	25.94 0.51 0.00	25.94 0.51 0.00	25.42 0.50 0.00	31.17 0.70 0.00	34.78 0.91 0.00	37.43 1.02 0.00	41.06 1.50 0.00	42.12 1.66 0.00	44.76 1.88 0.00	40.04 1.43 0.00	34.77 0.95 0.00	28.67 0.67 0.00	25.67 0.55 0.00	23.50 0.59 0.00
FIBERTEK___ENERGY 23856	21.49 0.15 0.00	20.21 0.10 0.00	18.77 0.04 0.00	18.02 -0.04 0.00	18.40 -0.04 0.00	20.02 0.12 0.00	25.30 0.10 0.00	26.70 0.03 0.00	24.68 -0.05 0.00	23.66 -0.02 0.00	25.48 0.05 0.00	25.48 0.05 0.00	24.97 0.05 0.00	30.53 0.06 0.00	33.93 0.07 0.00	36.52 0.11 0.00	40.15 0.59 0.00	41.10 0.65 0.00	43.65 0.77 0.00	39.07 0.46 0.00	33.96 0.14 0.00	28.16 0.17 0.00	25.25 0.13 0.00	23.18 0.27 0.00
FITZPATRICK____ 23598	20.93 -0.41 0.00	19.68 -0.42 0.00	18.30 -0.43 0.00	17.64 -0.41 0.00	18.01 -0.42 0.00	19.49 -0.42 0.00	24.57 -0.63 0.00	25.90 -0.77 0.00	23.96 -0.77 0.00	22.95 -0.73 0.00	24.67 -0.76 0.00	24.67 -0.76 0.00	24.20 -0.72 0.00	29.58 -0.88 0.00	32.92 -0.95 0.00	35.39 -1.02 0.00	38.68 -0.87 0.00	39.61 -0.85 0.00	42.02 -0.86 0.00	37.65 -0.96 0.00	32.81 -1.01 0.00	27.16 -0.84 0.00	24.39 -0.73 0.00	22.43 -0.48 0.00
FLOWRFLD_69_KV_BK1 356044	33.00 2.33 -9.34	40.03 1.77 -18.15	26.95 1.65 -6.57	22.55 1.59 -2.91	22.87 1.66 -2.77	26.14 1.75 -4.49	40.86 3.00 -12.66	43.66 3.25 -13.73	43.82 3.19 -15.90	41.13 3.13 -14.32	37.30 3.15 -8.71	38.12 3.13 -9.56	39.31 3.07 -11.32	41.05 3.47 -7.12	67.03 3.96 -29.21	46.71 4.19 -6.12	66.22 4.71 -21.95	68.80 4.94 -23.41	72.40 5.19 -24.34	70.60 4.52 -27.47	72.22 3.75 -34.64	49.91 3.30 -18.61	40.43 3.17 -12.14	38.25 2.63 -12.71
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	22.60 1.26 0.00	21.09 0.99 0.00	19.65 0.92 0.00	18.96 0.90 0.00	19.30 0.87 0.00	20.74 0.84 0.00	26.99 1.46 -0.33	28.88 1.65 -0.55	27.21 1.73 -0.75	25.67 1.63 -0.35	27.77 1.73 -0.60	27.79 1.70 -0.66	28.84 1.79 -2.12	34.67 2.22 -1.99	37.41 2.54 -1.00	40.61 2.84 -1.36	46.48 3.36 -3.56	57.42 3.52 -13.44	56.20 3.86 -9.46	45.43 3.28 -3.53	36.55 2.60 -0.12	30.80 2.30 -0.51	27.03 1.91 0.00	24.40 1.49 0.00
FORT ORANGE____ 23900	21.68 0.34 0.00	20.41 0.30 0.00	19.07 0.34 0.00	18.38 0.33 0.00	18.79 0.35 0.00	20.18 0.28 0.00	26.17 0.50 -0.47	28.08 0.64 -0.77	26.41 0.64 -1.04	24.74 0.57 -0.49	26.78 0.51 -0.84	26.83 0.48 -0.91	26.74 0.32 -1.49	31.48 0.39 -0.63	34.10 0.37 0.14	37.17 0.58 -0.19	41.87 0.91 -1.40	47.25 1.26 -5.53	48.28 1.33 -4.07	41.45 1.12 -1.72	34.96 0.98 -0.15	29.07 0.81 -0.26	25.97 0.85 0.00	23.46 0.55 0.00
FORT_DRUM_COGEN 23780	22.11 0.77 0.00	20.79 0.68 0.00	19.28 0.54 0.00	18.56 0.51 0.00	18.99 0.55 0.00	20.68 0.78 0.00	26.21 1.01 0.00	27.85 1.17 0.00	25.45 0.72 0.00	24.30 0.62 0.00	26.22 0.79 0.00	26.30 0.86 0.00	25.72 0.80 0.00	31.71 1.25 0.00	35.25 1.39 0.00	38.08 1.67 0.00	42.05 2.49 0.00	43.33 2.87 0.00	46.30 3.43 0.00	41.58 2.97 0.00	36.03 2.20 0.00	29.62 1.62 0.00	26.40 1.28 0.00	24.10 1.19 0.00
FPL_FAR_ROCK_GT1 24212	23.16 1.81 -0.01	21.71 1.57 -0.03	20.18 1.44 -0.01	19.16 1.10 0.00	19.60 1.16 0.00	21.44 1.53 0.00	29.11 2.44 -1.47	31.79 2.72 -2.39	30.71 2.74 -3.23	27.90 2.68 -1.54	30.75 2.72 -2.59	30.97 2.72 -2.82	31.92 2.74 -4.25	35.80 3.20 -2.14	39.02 3.59 -1.57	42.63 4.04 -2.18	51.43 4.63 -7.25	59.15 4.81 -13.88	58.29 5.06 -10.36	48.48 4.48 -5.39	38.10 3.42 -0.86	33.34 3.08 -2.26	29.72 2.79 -1.81	25.18 2.25 -0.02
FPL_FAR_ROCK_GT2 23815	23.16 1.81 -0.01	21.71 1.57 -0.03	20.18 1.44 -0.01	19.16 1.10 0.00	19.60 1.16 0.00	21.44 1.53 0.00	29.11 2.44 -1.47	31.79 2.72 -2.39	30.71 2.74 -3.23	27.90 2.68 -1.54	30.75 2.72 -2.59	30.97 2.72 -2.82	31.92 2.74 -4.25	35.80 3.20 -2.14	39.02 3.59 -1.57	42.63 4.04 -2.18	51.43 4.63 -7.25	59.15 4.81 -13.88	58.29 5.06 -10.36	48.48 4.48 -5.39	38.10 3.42 -0.86	33.34 3.08 -2.26	29.72 2.79 -1.81	25.18 2.25 -0.02
FRANKLIN_FALL_HYD 24054	21.53 0.19 0.00	20.35 0.24 0.00	18.96 0.22 0.00	18.33 0.27 0.00	18.71 0.28 0.00	20.26 0.36 0.00	25.58 0.38 0.00	27.08 0.40 0.00	25.17 0.45 0.00	24.09 0.40 0.00	25.94 0.51 0.00	25.97 0.53 0.00	25.45 0.52 0.00	31.10 0.64 0.00	34.64 0.78 0.00	37.46 1.06 0.00	40.19 0.63 0.00	41.02 0.57 0.00	43.00 0.13 0.00	39.19 0.58 0.00	34.40 0.58 0.00	28.11 0.11 0.00	24.99 -0.13 0.00	22.68 -0.23 0.00
FREEPORT_EQUS_GT1 23764	23.11 1.71 -0.06	21.71 1.47 -0.14	20.12 1.35 -0.04	19.10 1.03 -0.02	19.54 1.09 -0.01	21.37 1.43 -0.03	29.13 2.40 -1.54	31.75 2.62 -2.46	30.65 2.62 -3.31	27.86 2.56 -1.62	30.65 2.60 -2.63	30.88 2.60 -2.86	31.80 2.59 -4.28	35.59 2.99 -2.14	38.65 3.22 -1.57	42.23 3.64 -2.18	50.95 4.15 -7.25	58.71 4.37 -13.88	57.82 4.59 -10.36	48.02 4.02 -5.39	37.91 3.22 -0.86	33.17 2.91 -2.27	29.67 2.66 -1.89	25.14 2.13 -0.10
FREEPORT___CT2 23818	23.11 1.71 -0.06	21.71 1.47 -0.14	20.12 1.35 -0.04	19.10 1.03 -0.02	19.54 1.09 -0.01	21.37 1.43 -0.03	29.13 2.40 -1.54	31.75 2.62 -2.46	30.65 2.62 -3.31	27.86 2.56 -1.62	30.65 2.60 -2.63	30.88 2.60 -2.86	31.80 2.59 -4.28	35.59 2.99 -2.14	38.65 3.22 -1.57	42.23 3.64 -2.18	50.95 4.15 -7.25	58.71 4.37 -13.88	57.82 4.59 -10.36	48.02 4.02 -5.39	37.91 3.22 -0.86	33.17 2.91 -2.27	29.67 2.66 -1.89	25.14 2.13 -0.10

FRESHKLS_33_KV_LOAD 356253	22.68 1.34 0.00	21.19 1.09 0.00	19.76 1.03 0.00	19.07 1.01 0.00	19.47 1.03 0.00	20.96 1.05 0.00	28.42 1.76 -1.45	31.07 2.03 -2.37	30.07 2.13 -3.21	27.25 2.06 -1.51	30.23 2.21 -2.58	30.46 2.21 -2.81	31.44 2.27 -4.25	32.63 2.83 0.67	32.78 3.08 4.17	33.02 3.13 6.52	46.46 3.36 -3.54	54.87 3.76 -10.65	47.89 4.03 -0.99	34.85 3.44 7.20	32.78 2.74 3.79	31.13 2.44 -0.70	27.23 2.11 0.00	24.51 1.60 0.00
FULTON COGEN____ 23766	21.68 0.34 0.00	20.43 0.32 0.00	18.94 0.21 0.00	18.16 0.11 0.00	18.55 0.11 0.00	20.24 0.34 0.00	25.55 0.35 0.00	27.00 0.32 0.00	24.93 0.20 0.00	23.92 0.24 0.00	25.76 0.33 0.00	25.79 0.36 0.00	25.27 0.35 0.00	30.89 0.43 0.00	34.20 0.34 0.00	36.81 0.40 0.00	40.58 1.03 0.00	41.59 1.13 0.00	44.16 1.29 0.00	39.50 0.89 0.00	34.33 0.51 0.00	28.58 0.59 0.00	25.57 0.45 0.00	23.48 0.57 0.00
FULTON____LFGE 323630	23.75 2.41 0.00	22.34 2.23 0.00	20.83 2.10 0.00	20.06 2.00 0.00	20.50 2.06 0.00	22.33 2.43 0.00	28.56 2.90 -0.46	30.63 3.20 -0.75	28.64 2.89 -1.02	26.58 2.42 -0.48	28.62 2.37 -0.82	28.64 2.31 -0.90	28.67 2.32 -1.42	34.08 3.05 -0.57	37.29 3.55 0.13	40.80 4.22 -0.17	46.65 5.82 -1.28	52.13 6.55 -5.12	54.11 7.46 -3.77	46.52 6.30 -1.61	39.25 5.27 -0.15	32.41 4.17 -0.25	28.49 3.37 0.00	25.61 2.70 0.00
G.F.CEMENT____DRP 24184	22.32 0.98 0.00	20.91 0.80 0.00	19.54 0.81 0.00	18.90 0.85 0.00	19.41 0.98 0.00	20.94 1.04 0.00	27.01 1.34 -0.47	29.16 1.71 -0.78	27.39 1.61 -1.05	25.63 1.44 -0.50	27.73 1.45 -0.85	27.75 1.40 -0.92	27.61 1.22 -1.46	32.55 1.52 -0.56	35.38 1.73 0.21	38.45 1.93 -0.11	43.40 2.53 -1.31	48.71 2.99 -5.26	50.53 3.77 -3.88	43.43 3.17 -1.66	36.85 2.88 -0.15	30.46 2.21 -0.25	26.95 1.83 0.00	24.33 1.42 0.00
GARDENVILLE____LBMP 24039	21.91 0.58 0.00	20.51 0.40 0.00	18.62 -0.11 0.00	17.44 -0.61 0.00	17.79 -0.65 0.00	19.99 0.08 0.00	25.45 0.25 0.00	26.68 0.00 0.00	24.93 0.20 0.00	24.06 0.38 0.00	25.79 0.36 0.00	25.81 0.38 0.00	25.57 0.65 0.00	31.13 0.67 0.00	34.17 0.30 0.00	36.63 0.22 0.00	41.41 1.86 0.00	42.24 1.78 0.00	45.28 2.40 0.00	39.23 0.62 0.00	33.08 -0.74 0.00	27.13 -0.87 0.00	24.49 -0.63 0.00	23.07 0.16 0.00
GARDNVLA_35_KV_LD 355827	22.06 0.73 0.00	20.67 0.56 0.00	18.75 0.02 0.00	17.55 -0.51 0.00	17.90 -0.53 0.00	20.12 0.22 0.00	25.65 0.45 0.00	26.89 0.21 0.00	25.12 0.40 0.00	24.28 0.59 0.00	25.99 0.56 0.00	26.02 0.58 0.00	25.77 0.85 0.00	31.38 0.91 0.00	34.47 0.61 0.00	36.95 0.55 0.00	41.77 2.22 0.00	42.60 2.14 0.00	45.70 2.83 0.00	39.58 0.97 0.00	33.35 -0.47 0.00	27.32 -0.67 0.00	24.67 -0.45 0.00	23.23 0.32 0.00
GELCKHM__115KV_LOAD 80723	21.34 0.00 0.00	20.07 -0.04 0.00	18.62 -0.11 0.00	17.89 -0.16 0.00	18.27 -0.17 0.00	19.85 -0.06 0.00	25.10 -0.10 0.00	26.49 -0.19 0.00	24.51 -0.22 0.00	23.50 -0.19 0.00	25.28 -0.15 0.00	25.28 -0.15 0.00	24.80 -0.12 0.00	30.28 -0.18 0.00	33.66 -0.20 0.00	36.19 -0.22 0.00	39.75 0.20 0.00	40.70 0.24 0.00	43.22 0.34 0.00	38.69 0.08 0.00	33.66 -0.17 0.00	27.88 -0.11 0.00	25.02 -0.10 0.00	22.98 0.07 0.00
GENERAL____MILLS 23808	22.02 0.68 0.00	20.61 0.50 0.00	18.71 -0.02 0.00	17.51 -0.54 0.00	17.87 -0.57 0.00	20.08 0.18 0.00	25.58 0.38 0.00	26.81 0.13 0.00	25.05 0.32 0.00	24.21 0.52 0.00	25.92 0.48 0.00	25.94 0.51 0.00	25.70 0.77 0.00	31.32 0.85 0.00	34.37 0.51 0.00	36.84 0.44 0.00	41.65 2.10 0.00	42.48 2.02 0.00	45.58 2.70 0.00	39.46 0.85 0.00	33.25 -0.58 0.00	27.27 -0.73 0.00	24.62 -0.50 0.00	23.18 0.27 0.00
GE_PLASTICS____DRP 24183	21.72 0.38 0.00	20.41 0.30 0.00	19.11 0.37 0.00	18.51 0.45 0.00	18.88 0.44 0.00	20.22 0.32 0.00	26.20 0.53 -0.47	28.11 0.67 -0.77	26.41 0.64 -1.04	24.77 0.59 -0.49	26.83 0.56 -0.84	26.88 0.53 -0.91	26.60 0.20 -1.47	31.34 0.24 -0.63	34.10 0.30 0.07	36.94 0.29 -0.24	41.44 0.51 -1.37	46.64 0.77 -5.42	47.77 0.90 -3.99	41.04 0.73 -1.69	34.59 0.61 -0.15	28.81 0.56 -0.26	25.95 0.83 0.00	23.43 0.53 0.00
GILBOA____1 23756	21.83 0.49 0.00	20.51 0.40 0.00	19.28 0.54 0.00	18.63 0.58 0.00	19.03 0.59 0.00	20.30 0.40 0.00	26.23 0.70 -0.33	28.04 0.83 -0.54	26.27 0.81 -0.73	24.81 0.78 -0.34	26.81 0.79 -0.59	26.83 0.76 -0.64	26.65 0.72 -1.00	31.83 0.88 -0.49	34.93 0.85 -0.22	37.74 0.95 -0.39	41.63 1.19 -0.89	45.40 1.38 -3.56	46.92 1.41 -2.63	40.93 1.20 -1.12	34.94 1.01 -0.10	29.12 0.95 -0.17	26.02 0.90 0.00	23.57 0.66 0.00
GILBOA____2 23757	21.83 0.49 0.00	20.51 0.40 0.00	19.28 0.54 0.00	18.63 0.58 0.00	19.03 0.59 0.00	20.30 0.40 0.00	26.23 0.70 -0.33	28.04 0.83 -0.54	26.27 0.81 -0.73	24.81 0.78 -0.34	26.81 0.79 -0.59	26.83 0.76 -0.64	26.65 0.72 -1.00	31.83 0.88 -0.49	34.93 0.85 -0.22	37.74 0.95 -0.39	41.63 1.19 -0.89	45.40 1.38 -3.56	46.92 1.41 -2.63	40.93 1.20 -1.12	34.94 1.01 -0.10	29.12 0.95 -0.17	26.02 0.90 0.00	23.57 0.66 0.00
GILBOA____3 23758	21.83 0.49 0.00	20.51 0.40 0.00	19.28 0.54 0.00	18.63 0.58 0.00	19.03 0.59 0.00	20.30 0.40 0.00	26.23 0.70 -0.33	28.04 0.83 -0.54	26.27 0.81 -0.73	24.81 0.78 -0.34	26.81 0.79 -0.59	26.83 0.76 -0.64	26.65 0.72 -1.00	31.83 0.88 -0.49	34.93 0.85 -0.22	37.74 0.95 -0.39	41.63 1.19 -0.89	45.40 1.38 -3.56	46.92 1.41 -2.63	40.93 1.20 -1.12	34.94 1.01 -0.10	29.12 0.95 -0.17	26.02 0.90 0.00	23.57 0.66 0.00
GILBOA____4 23759	21.83 0.49 0.00	20.51 0.40 0.00	19.28 0.54 0.00	18.63 0.58 0.00	19.03 0.59 0.00	20.30 0.40 0.00	26.23 0.70 -0.33	28.04 0.83 -0.54	26.27 0.81 -0.73	24.81 0.78 -0.34	26.81 0.79 -0.59	26.83 0.76 -0.64	26.65 0.72 -1.00	31.83 0.88 -0.49	34.93 0.85 -0.22	37.74 0.95 -0.39	41.63 1.19 -0.89	45.40 1.38 -3.56	46.92 1.41 -2.63	40.93 1.20 -1.12	34.94 1.01 -0.10	29.12 0.95 -0.17	26.02 0.90 0.00	23.57 0.66 0.00
GILBOA____ 23599	21.85 0.51 0.00	20.51 0.40 0.00	19.29 0.56 0.00	18.67 0.61 0.00	19.06 0.63 0.00	20.32 0.42 0.00	26.23 0.71 -0.33	28.04 0.83 -0.54	26.27 0.82 -0.73	24.81 0.78 -0.34	26.81 0.79 -0.59	26.83 0.76 -0.64	26.65 0.72 -1.00	31.83 0.88 -0.49	35.07 0.98 -0.22	37.71 0.91 -0.39	41.55 1.11 -0.89	45.32 1.29 -3.56	46.96 1.46 -2.63	40.93 1.20 -1.12	34.95 1.01 -0.10	29.12 0.95 -0.17	26.02 0.90 0.00	23.57 0.66 0.00
GINNA____ 23603	20.51 -0.83 0.00	19.26 -0.84 0.00	17.80 -0.94 0.00	17.14 -0.92 0.00	17.46 -0.98 0.00	18.99 -0.92 0.00	24.01 -1.18 0.00	25.45 -1.23 0.00	23.57 -1.16 0.00	22.55 -1.14 0.00	24.26 -1.17 0.00	24.31 -1.12 0.00	23.95 -0.97 0.00	29.24 -1.22 0.00	32.78 -1.08 0.00	35.06 -1.35 0.00	38.84 -0.71 0.00	39.69 -0.77 0.00	42.27 -0.60 0.00	37.57 -1.04 0.00	32.34 -1.49 0.00	26.60 -1.40 0.00	23.89 -1.23 0.00	21.95 -0.96 0.00

GLEN PARK____ 23778	22.21 0.88 0.00	20.87 0.76 0.00	19.35 0.62 0.00	18.71 0.65 0.00	19.12 0.68 0.00	20.78 0.87 0.00	26.28 1.08 0.00	27.96 1.28 0.00	25.54 0.81 0.00	24.35 0.66 0.00	26.30 0.87 0.00	26.37 0.94 0.00	25.82 0.90 0.00	31.87 1.40 0.00	35.49 1.63 0.00	38.30 1.89 0.00	42.32 2.77 0.00	43.62 3.16 0.00	46.69 3.81 0.00	41.93 3.32 0.00	36.29 2.47 0.00	29.79 1.79 0.00	26.53 1.41 0.00	24.21 1.31 0.00
GLENDALDE_27_KV_LOAD 356172	22.75 1.41 0.00	21.23 1.13 0.00	19.76 1.03 0.00	19.07 1.01 0.00	19.47 1.03 0.00	21.00 1.09 0.00	28.62 1.97 -1.45	34.08 2.24 -5.16	38.14 2.32 -11.09	38.09 2.25 -12.15	38.12 2.37 -10.33	38.38 2.37 -10.58	38.63 2.39 -11.31	38.99 2.92 -5.60	38.85 3.15 -1.84	41.82 3.24 -2.17	46.66 3.56 -3.54	58.20 3.84 -13.90	57.32 4.07 -10.37	46.64 3.47 -4.56	37.11 2.81 -0.47	33.14 2.60 -2.54	27.41 2.29 0.00	24.65 1.74 0.00
GLENWOOD_IC_1_G5 23712	22.93 1.54 -0.06	21.48 1.25 -0.13	19.93 1.16 -0.03	19.12 1.05 -0.01	19.54 1.09 -0.01	21.14 1.21 -0.02	28.77 2.04 -1.53	31.45 2.32 -2.45	30.40 2.37 -3.30	27.59 2.30 -1.61	30.44 2.39 -2.62	30.67 2.39 -2.85	31.62 2.42 -4.28	35.47 2.86 -2.14	38.68 3.25 -1.57	42.05 3.46 -2.18	50.80 3.99 -7.25	58.50 4.17 -13.88	57.69 4.46 -10.36	47.83 3.82 -5.39	37.67 2.98 -0.86	32.92 2.66 -2.27	28.92 2.36 -1.43	24.83 1.83 -0.09
GLENWOOD_IC_2_G1 23688	22.67 1.32 -0.01	21.22 1.08 -0.03	19.73 0.99 -0.01	18.85 0.79 0.00	19.27 0.83 0.00	20.96 1.05 0.00	28.53 1.86 -1.47	31.17 2.11 -2.39	30.11 2.15 -3.23	27.33 2.11 -1.54	30.21 2.19 -2.59	30.44 2.19 -2.82	31.40 2.22 -4.25	35.22 2.62 -2.14	38.28 2.84 -1.57	41.80 3.20 -2.18	50.48 3.68 -7.25	58.22 3.88 -13.88	57.31 4.08 -10.36	47.52 3.51 -5.39	37.36 2.67 -0.86	32.72 2.46 -2.26	28.06 2.16 -0.78	24.60 1.67 -0.02
GLENWOOD_IC_3_G1 23689	22.67 1.32 -0.01	21.22 1.08 -0.03	19.73 0.99 -0.01	18.85 0.79 0.00	19.27 0.83 0.00	20.96 1.05 0.00	28.53 1.86 -1.47	31.17 2.11 -2.39	30.11 2.15 -3.23	27.33 2.11 -1.54	30.21 2.19 -2.59	30.44 2.19 -2.82	31.40 2.22 -4.25	35.22 2.62 -2.14	38.28 2.84 -1.57	41.80 3.20 -2.18	50.48 3.68 -7.25	58.22 3.88 -13.88	57.31 4.08 -10.36	47.52 3.51 -5.39	37.36 2.67 -0.86	32.72 2.46 -2.26	28.06 2.16 -0.78	24.60 1.67 -0.02
GLENWOOD____4 23550	22.93 1.54 -0.06	21.48 1.25 -0.13	19.93 1.16 -0.03	19.12 1.05 -0.01	19.54 1.09 -0.01	21.14 1.21 -0.02	28.77 2.04 -1.53	31.45 2.32 -2.45	30.40 2.37 -3.30	27.59 2.30 -1.61	30.44 2.39 -2.62	30.67 2.39 -2.85	31.62 2.42 -4.28	35.47 2.86 -2.14	38.68 3.25 -1.57	42.05 3.46 -2.18	50.80 3.99 -7.25	58.50 4.17 -13.88	57.69 4.46 -10.36	47.83 3.82 -5.39	37.67 2.98 -0.86	32.92 2.66 -2.27	28.92 2.36 -1.43	24.83 1.83 -0.09
GLENWOOD____5 23614	22.93 1.54 -0.06	21.48 1.25 -0.13	19.93 1.16 -0.03	19.12 1.05 -0.01	19.54 1.09 -0.01	21.14 1.21 -0.02	28.77 2.04 -1.53	31.45 2.32 -2.45	30.40 2.37 -3.30	27.59 2.30 -1.61	30.44 2.39 -2.62	30.67 2.39 -2.85	31.62 2.42 -4.28	35.47 2.86 -2.14	38.68 3.25 -1.57	42.05 3.46 -2.18	50.80 3.99 -7.25	58.50 4.17 -13.88	57.69 4.46 -10.36	47.83 3.82 -5.39	37.67 2.98 -0.86	32.92 2.66 -2.27	28.92 2.36 -1.43	24.83 1.83 -0.09
GLOBAL GREEN_PORT_GT1 23814	31.85 2.71 -7.81	37.75 2.47 -15.17	26.50 2.27 -5.50	22.33 1.84 -2.43	22.67 1.92 -2.31	26.06 2.41 -3.75	39.90 3.88 -10.82	42.78 4.24 -11.87	42.72 4.18 -13.81	39.86 3.96 -12.22	37.18 4.04 -7.71	37.91 4.02 -8.46	39.03 3.94 -10.17	41.31 4.54 -6.31	63.81 5.21 -24.73	48.32 5.86 -6.05	65.73 6.61 -19.57	80.15 6.92 -32.78	114.63 7.29 -64.46	135.89 6.37 -90.91	135.15 5.14 -96.19	48.38 4.42 -15.96	39.62 3.99 -10.51	36.90 3.37 -10.62
GLOBE____DSASP 323697	21.02 -0.32 0.00	19.70 -0.40 0.00	17.89 -0.84 0.00	16.70 -1.35 0.00	17.04 -1.40 0.00	19.17 -0.74 0.00	24.37 -0.83 0.00	25.50 -1.17 0.00	23.81 -0.91 0.00	22.97 -0.71 0.00	24.62 -0.81 0.00	24.64 -0.79 0.00	24.43 -0.50 0.00	29.61 -0.85 0.00	32.41 -1.46 0.00	34.73 -1.67 0.00	39.28 -0.28 0.00	40.01 -0.45 0.00	42.92 0.04 0.00	37.26 -1.35 0.00	31.49 -2.33 0.00	25.92 -2.07 0.00	23.51 -1.61 0.00	22.15 -0.76 0.00
GOETHSLN____LBMP 323567	22.45 1.11 0.00	20.95 0.84 0.00	19.50 0.77 0.00	18.80 0.74 0.00	19.19 0.76 0.00	20.72 0.82 0.00	28.26 1.61 -1.45	30.86 1.81 -2.37	29.93 1.98 -3.22	27.12 1.92 -1.52	30.01 1.98 -2.59	30.24 1.98 -2.82	31.20 2.02 -4.26	32.24 2.44 0.66	32.31 2.61 4.16	32.63 2.73 6.51	46.26 3.16 -3.54	54.43 3.32 -10.66	47.38 3.52 -0.99	34.43 3.01 7.19	32.35 2.30 3.78	30.89 2.18 -0.71	27.08 1.96 0.00	24.35 1.44 0.00
GOLAH____69_KV_TB 1_2 80279	21.57 0.23 0.00	20.25 0.14 0.00	18.60 -0.13 0.00	17.62 -0.43 0.00	18.00 -0.44 0.00	19.87 -0.04 0.00	25.20 0.00 0.00	26.57 -0.11 0.00	24.65 -0.07 0.00	23.66 -0.02 0.00	25.46 0.03 0.00	25.43 0.00 0.00	25.10 0.17 0.00	30.59 0.12 0.00	33.76 -0.10 0.00	36.37 -0.04 0.00	40.58 1.03 0.00	41.43 0.97 0.00	44.33 1.46 0.00	39.19 0.58 0.00	33.56 -0.27 0.00	27.60 -0.39 0.00	24.87 -0.25 0.00	23.07 0.16 0.00
GOODYEAR_LAKE_HYD 323669	22.13 0.79 0.00	20.77 0.66 0.00	19.37 0.64 0.00	18.69 0.63 0.00	19.10 0.66 0.00	20.60 0.70 0.00	26.18 1.08 0.10	27.73 1.25 0.20	25.56 1.11 0.28	24.64 1.09 0.13	26.43 1.22 0.22	26.41 1.22 0.24	25.95 1.22 0.19	32.06 1.58 -0.01	35.66 1.76 -0.03	38.30 1.89 0.00	41.97 2.41 0.00	43.10 2.67 0.02	45.81 3.00 0.07	40.95 2.43 0.09	35.62 1.83 0.03	29.40 1.43 0.02	26.38 1.26 0.00	23.98 1.08 0.00
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	21.81 0.47 0.00	20.49 0.38 0.00	18.96 0.22 0.00	18.13 0.07 0.00	18.53 0.09 0.00	20.20 0.30 0.00	25.73 0.53 0.00	27.21 0.53 0.00	25.25 0.52 0.00	24.21 0.52 0.00	25.99 0.56 0.00	25.99 0.56 0.00	25.55 0.62 0.00	31.26 0.79 0.00	34.68 0.81 0.00	37.28 0.87 0.00	41.18 1.62 0.00	42.20 1.74 0.00	44.89 2.02 0.00	39.92 1.31 0.00	34.47 0.64 0.00	28.50 0.50 0.00	25.57 0.45 0.00	23.48 0.57 0.00
GOUDEY____7 23579	21.83 0.49 0.00	20.49 0.38 0.00	18.96 0.22 0.00	18.15 0.09 0.00	18.53 0.09 0.00	20.22 0.32 0.00	25.75 0.55 0.00	27.24 0.56 0.00	25.27 0.54 0.00	24.23 0.54 0.00	26.02 0.58 0.00	26.02 0.58 0.00	25.57 0.65 0.00	31.29 0.82 0.00	34.74 0.88 0.00	37.35 0.95 0.00	41.26 1.70 0.00	42.24 1.78 0.00	44.98 2.10 0.00	39.96 1.35 0.00	34.50 0.68 0.00	28.53 0.53 0.00	25.60 0.48 0.00	23.50 0.60 0.00
GOUDEY____8 23580	21.81 0.47 0.00	20.49 0.38 0.00	18.96 0.22 0.00	18.13 0.07 0.00	18.53 0.09 0.00	20.20 0.30 0.00	25.73 0.53 0.00	27.21 0.53 0.00	25.25 0.52 0.00	24.21 0.52 0.00	25.99 0.56 0.00	25.99 0.56 0.00	25.55 0.62 0.00	31.26 0.79 0.00	34.68 0.81 0.00	37.28 0.87 0.00	41.18 1.62 0.00	42.20 1.74 0.00	44.89 2.02 0.00	39.92 1.31 0.00	34.47 0.64 0.00	28.50 0.50 0.00	25.57 0.45 0.00	23.48 0.57 0.00

GOWANUS_GT1_1 24077	22.72 1.39 0.00	21.21 1.11 0.00	19.74 1.01 0.00	19.05 0.99 0.00	19.45 1.01 0.00	20.96 1.05 0.00	28.57 1.92 -1.45	34.03 2.19 -5.16	38.09 2.27 -11.09	38.04 2.20 -12.15	38.10 2.34 -10.33	38.35 2.34 -10.58	38.63 2.39 -11.31	38.99 2.92 -5.60	38.89 3.18 -1.84	41.78 3.20 -2.17	46.58 3.48 -3.54	58.16 3.80 -13.90	57.32 4.07 -10.37	46.64 3.47 -4.56	37.14 2.84 -0.47	33.11 2.58 -2.54	27.36 2.24 0.00	24.60 1.70 0.00
GOWANUS_GT1_2 24078	22.72 1.39 0.00	21.21 1.11 0.00	19.74 1.01 0.00	19.05 0.99 0.00	19.45 1.01 0.00	20.96 1.05 0.00	28.57 1.92 -1.45	34.03 2.19 -5.16	38.09 2.27 -11.09	38.04 2.20 -12.15	38.10 2.34 -10.33	38.35 2.34 -10.58	38.63 2.39 -11.31	38.99 2.92 -5.60	38.89 3.18 -1.84	41.78 3.20 -2.17	46.58 3.48 -3.54	58.16 3.80 -13.90	57.32 4.07 -10.37	46.64 3.47 -4.56	37.14 2.84 -0.47	33.11 2.58 -2.54	27.36 2.24 0.00	24.60 1.70 0.00
GOWANUS_GT1_3 24079	22.72 1.39 0.00	21.21 1.11 0.00	19.74 1.01 0.00	19.05 0.99 0.00	19.45 1.01 0.00	20.96 1.05 0.00	28.57 1.92 -1.45	34.03 2.19 -5.16	38.09 2.27 -11.09	38.04 2.20 -12.15	38.10 2.34 -10.33	38.35 2.34 -10.58	38.63 2.39 -11.31	38.99 2.92 -5.60	38.89 3.18 -1.84	41.78 3.20 -2.17	46.58 3.48 -3.54	58.16 3.80 -13.90	57.32 4.07 -10.37	46.64 3.47 -4.56	37.14 2.84 -0.47	33.11 2.58 -2.54	27.36 2.24 0.00	24.60 1.70 0.00
GOWANUS_GT1_4 24080	22.72 1.39 0.00	21.21 1.11 0.00	19.74 1.01 0.00	19.05 0.99 0.00	19.45 1.01 0.00	20.96 1.05 0.00	28.57 1.92 -1.45	34.03 2.19 -5.16	38.09 2.27 -11.09	38.04 2.20 -12.15	38.10 2.34 -10.33	38.35 2.34 -10.58	38.63 2.39 -11.31	38.99 2.92 -5.60	38.89 3.18 -1.84	41.78 3.20 -2.17	46.58 3.48 -3.54	58.16 3.80 -13.90	57.32 4.07 -10.37	46.64 3.47 -4.56	37.14 2.84 -0.47	33.11 2.58 -2.54	27.36 2.24 0.00	24.60 1.70 0.00
GOWANUS_GT1_5 24084	22.72 1.39 0.00	21.21 1.11 0.00	19.74 1.01 0.00	19.05 0.99 0.00	19.45 1.01 0.00	20.96 1.05 0.00	28.57 1.92 -1.45	34.03 2.19 -5.16	38.09 2.27 -11.09	38.04 2.20 -12.15	38.10 2.34 -10.33	38.35 2.34 -10.58	38.63 2.39 -11.31	38.99 2.92 -5.60	38.89 3.18 -1.84	41.78 3.20 -2.17	46.58 3.48 -3.54	58.16 3.80 -13.90	57.32 4.07 -10.37	46.64 3.47 -4.56	37.14 2.84 -0.47	33.11 2.58 -2.54	27.36 2.24 0.00	24.60 1.70 0.00
GOWANUS_GT1_6 24111	22.72 1.39 0.00	21.21 1.11 0.00	19.74 1.01 0.00	19.05 0.99 0.00	19.45 1.01 0.00	20.96 1.05 0.00	28.57 1.92 -1.45	34.03 2.19 -5.16	38.09 2.27 -11.09	38.04 2.20 -12.15	38.10 2.34 -10.33	38.35 2.34 -10.58	38.63 2.39 -11.31	38.99 2.92 -5.60	38.89 3.18 -1.84	41.78 3.20 -2.17	46.58 3.48 -3.54	58.16 3.80 -13.90	57.32 4.07 -10.37	46.64 3.47 -4.56	37.14 2.84 -0.47	33.11 2.58 -2.54	27.36 2.24 0.00	24.60 1.70 0.00
GOWANUS_GT1_7 24112	22.72 1.39 0.00	21.21 1.11 0.00	19.74 1.01 0.00	19.05 0.99 0.00	19.45 1.01 0.00	20.96 1.05 0.00	28.57 1.92 -1.45	34.03 2.19 -5.16	38.09 2.27 -11.09	38.04 2.20 -12.15	38.10 2.34 -10.33	38.35 2.34 -10.58	38.63 2.39 -11.31	38.99 2.92 -5.60	38.89 3.18 -1.84	41.78 3.20 -2.17	46.58 3.48 -3.54	58.16 3.80 -13.90	57.32 4.07 -10.37	46.64 3.47 -4.56	37.14 2.84 -0.47	33.11 2.58 -2.54	27.36 2.24 0.00	24.60 1.70 0.00
GOWANUS_GT1_8 24113	22.72 1.39 0.00	21.21 1.11 0.00	19.74 1.01 0.00	19.05 0.99 0.00	19.45 1.01 0.00	20.96 1.05 0.00	28.57 1.92 -1.45	34.03 2.19 -5.16	38.09 2.27 -11.09	38.04 2.20 -12.15	38.10 2.34 -10.33	38.35 2.34 -10.58	38.63 2.39 -11.31	38.99 2.92 -5.60	38.89 3.18 -1.84	41.78 3.20 -2.17	46.58 3.48 -3.54	58.16 3.80 -13.90	57.32 4.07 -10.37	46.64 3.47 -4.56	37.14 2.84 -0.47	33.11 2.58 -2.54	27.36 2.24 0.00	24.60 1.70 0.00
GOWANUS_GT2_1 24114	22.69 1.35 -0.01	21.20 1.08 -0.01	19.71 0.97 -0.01	18.91 0.85 -0.01	19.33 0.88 -0.01	20.95 1.03 -0.01	28.55 1.89 -1.46	34.00 2.16 -5.16	38.07 2.25 -11.09	38.04 2.20 -12.15	38.10 2.34 -10.33	38.35 2.34 -10.58	38.63 2.39 -11.31	38.99 2.92 -5.60	38.79 3.08 -1.84	41.82 3.24 -2.17	46.54 3.44 -3.54	58.20 3.85 -13.90	57.28 4.03 -10.37	46.60 3.44 -4.56	37.04 2.74 -0.47	33.08 2.55 -2.54	27.34 2.21 -0.01	24.61 1.70 -0.01
GOWANUS_GT2_2 24115	22.69 1.35 -0.01	21.20 1.08 -0.01	19.71 0.97 -0.01	18.91 0.85 -0.01	19.33 0.88 -0.01	20.95 1.03 -0.01	28.55 1.89 -1.46	34.00 2.16 -5.16	38.07 2.25 -11.09	38.04 2.20 -12.15	38.10 2.34 -10.33	38.35 2.34 -10.58	38.63 2.39 -11.31	38.99 2.92 -5.60	38.79 3.08 -1.84	41.82 3.24 -2.17	46.54 3.44 -3.54	58.20 3.85 -13.90	57.28 4.03 -10.37	46.60 3.44 -4.56	37.04 2.74 -0.47	33.08 2.55 -2.54	27.34 2.21 -0.01	24.61 1.70 -0.01
GOWANUS_GT2_3 24116	22.69 1.35 -0.01	21.20 1.08 -0.01	19.71 0.97 -0.01	18.91 0.85 -0.01	19.33 0.88 -0.01	20.95 1.03 -0.01	28.55 1.89 -1.46	34.00 2.16 -5.16	38.07 2.25 -11.09	38.04 2.20 -12.15	38.10 2.34 -10.33	38.35 2.34 -10.58	38.63 2.39 -11.31	38.99 2.92 -5.60	38.79 3.08 -1.84	41.82 3.24 -2.17	46.54 3.44 -3.54	58.20 3.85 -13.90	57.28 4.03 -10.37	46.60 3.44 -4.56	37.04 2.74 -0.47	33.08 2.55 -2.54	27.34 2.21 -0.01	24.61 1.70 -0.01
GOWANUS_GT2_4 24117	22.69 1.35 -0.01	21.20 1.08 -0.01	19.71 0.97 -0.01	18.91 0.85 -0.01	19.33 0.88 -0.01	20.95 1.03 -0.01	28.55 1.89 -1.46	34.00 2.16 -5.16	38.07 2.25 -11.09	38.04 2.20 -12.15	38.10 2.34 -10.33	38.35 2.34 -10.58	38.63 2.39 -11.31	38.99 2.92 -5.60	38.79 3.08 -1.84	41.82 3.24 -2.17	46.54 3.44 -3.54	58.20 3.85 -13.90	57.28 4.03 -10.37	46.60 3.44 -4.56	37.04 2.74 -0.47	33.08 2.55 -2.54	27.34 2.21 -0.01	24.61 1.70 -0.01
GOWANUS_GT2_5 24118	22.69 1.35 -0.01	21.20 1.08 -0.01	19.71 0.97 -0.01	18.91 0.85 -0.01	19.33 0.88 -0.01	20.95 1.03 -0.01	28.55 1.89 -1.46	34.00 2.16 -5.16	38.07 2.25 -11.09	38.04 2.20 -12.15	38.10 2.34 -10.33	38.35 2.34 -10.58	38.63 2.39 -11.31	38.99 2.92 -5.60	38.79 3.08 -1.84	41.82 3.24 -2.17	46.54 3.44 -3.54	58.20 3.85 -13.90	57.28 4.03 -10.37	46.60 3.44 -4.56	37.04 2.74 -0.47	33.08 2.55 -2.54	27.34 2.21 -0.01	24.61 1.70 -0.01
GOWANUS_GT2_6 24119	22.69 1.35 -0.01	21.20 1.08 -0.01	19.71 0.97 -0.01	18.91 0.85 -0.01	19.33 0.88 -0.01	20.95 1.03 -0.01	28.55 1.89 -1.46	34.00 2.16 -5.16	38.07 2.25 -11.09	38.04 2.20 -12.15	38.10 2.34 -10.33	38.35 2.34 -10.58	38.63 2.39 -11.31	38.99 2.92 -5.60	38.79 3.08 -1.84	41.82 3.24 -2.17	46.54 3.44 -3.54	58.20 3.85 -13.90	57.28 4.03 -10.37	46.60 3.44 -4.56	37.04 2.74 -0.47	33.08 2.55 -2.54	27.34 2.21 -0.01	24.61 1.70 -0.01
GOWANUS_GT2_7 24120	22.69 1.35 -0.01	21.20 1.08 -0.01	19.71 0.97 -0.01	18.91 0.85 -0.01	19.33 0.88 -0.01	20.95 1.03 -0.01	28.55 1.89 -1.46	34.00 2.16 -5.16	38.07 2.25 -11.09	38.04 2.20 -12.15	38.10 2.34 -10.33	38.35 2.34 -10.58	38.63 2.39 -11.31	38.99 2.92 -5.60	38.79 3.08 -1.84	41.82 3.24 -2.17	46.54 3.44 -3.54	58.20 3.85 -13.90	57.28 4.03 -10.37	46.60 3.44 -4.56	37.04 2.74 -0.47	33.08 2.55 -2.54	27.34 2.21 -0.01	24.61 1.70 -0.01

GOWANUS_GT2_8 24121	22.69 1.35 -0.01	21.20 1.08 -0.01	19.71 0.97 -0.01	18.91 0.85 -0.01	19.33 0.88 -0.01	20.95 1.03 -0.01	28.55 1.89 -1.46	34.00 2.16 -5.16	38.07 2.25 -11.09	38.04 2.20 -12.15	38.10 2.34 -10.33	38.35 2.34 -10.58	38.63 2.39 -11.31	38.99 2.92 -5.60	38.79 3.08 -1.84	41.82 3.24 -2.17	46.54 3.44 -3.54	58.20 3.85 -13.90	57.28 4.03 -10.37	46.60 3.44 -4.56	37.04 2.74 -0.47	33.08 2.55 -2.54	27.34 2.21 -0.01	24.61 1.70 -0.01
GOWANUS_GT3_1 24122	22.71 1.37 -0.01	21.20 1.08 -0.01	19.73 0.99 -0.01	18.93 0.87 -0.01	19.33 0.88 -0.01	20.97 1.05 -0.01	28.57 1.91 -1.46	34.00 2.16 -5.16	38.07 2.25 -11.09	38.06 2.23 -12.15	38.10 2.34 -10.33	38.38 2.37 -10.58	38.63 2.39 -11.31	39.01 2.95 -5.60	38.82 3.11 -1.84	41.86 3.28 -2.17	46.58 3.48 -3.54	58.24 3.88 -13.90	57.32 4.08 -10.37	46.64 3.48 -4.56	37.04 2.74 -0.47	33.11 2.57 -2.54	27.36 2.23 -0.01	24.61 1.70 -0.01
GOWANUS_GT3_2 24123	22.71 1.37 -0.01	21.20 1.08 -0.01	19.73 0.99 -0.01	18.93 0.87 -0.01	19.33 0.88 -0.01	20.97 1.05 -0.01	28.57 1.91 -1.46	34.00 2.16 -5.16	38.07 2.25 -11.09	38.06 2.23 -12.15	38.10 2.34 -10.33	38.38 2.37 -10.58	38.63 2.39 -11.31	39.01 2.95 -5.60	38.82 3.11 -1.84	41.86 3.28 -2.17	46.58 3.48 -3.54	58.24 3.88 -13.90	57.32 4.08 -10.37	46.64 3.48 -4.56	37.04 2.74 -0.47	33.11 2.57 -2.54	27.36 2.23 -0.01	24.61 1.70 -0.01
GOWANUS_GT3_3 24124	22.71 1.37 -0.01	21.20 1.08 -0.01	19.73 0.99 -0.01	18.93 0.87 -0.01	19.33 0.88 -0.01	20.97 1.05 -0.01	28.57 1.91 -1.46	34.00 2.16 -5.16	38.07 2.25 -11.09	38.06 2.23 -12.15	38.10 2.34 -10.33	38.38 2.37 -10.58	38.63 2.39 -11.31	39.01 2.95 -5.60	38.82 3.11 -1.84	41.86 3.28 -2.17	46.58 3.48 -3.54	58.24 3.88 -13.90	57.32 4.08 -10.37	46.64 3.48 -4.56	37.04 2.74 -0.47	33.11 2.57 -2.54	27.36 2.23 -0.01	24.61 1.70 -0.01
GOWANUS_GT3_4 24125	22.71 1.37 -0.01	21.20 1.08 -0.01	19.73 0.99 -0.01	18.93 0.87 -0.01	19.33 0.88 -0.01	20.97 1.05 -0.01	28.57 1.91 -1.46	34.00 2.16 -5.16	38.07 2.25 -11.09	38.06 2.23 -12.15	38.10 2.34 -10.33	38.38 2.37 -10.58	38.63 2.39 -11.31	39.01 2.95 -5.60	38.82 3.11 -1.84	41.86 3.28 -2.17	46.58 3.48 -3.54	58.24 3.88 -13.90	57.32 4.08 -10.37	46.64 3.48 -4.56	37.04 2.74 -0.47	33.11 2.57 -2.54	27.36 2.23 -0.01	24.61 1.70 -0.01
GOWANUS_GT3_5 24126	22.71 1.37 -0.01	21.20 1.08 -0.01	19.73 0.99 -0.01	18.93 0.87 -0.01	19.33 0.88 -0.01	20.97 1.05 -0.01	28.57 1.91 -1.46	34.00 2.16 -5.16	38.07 2.25 -11.09	38.06 2.23 -12.15	38.10 2.34 -10.33	38.38 2.37 -10.58	38.63 2.39 -11.31	39.01 2.95 -5.60	38.82 3.11 -1.84	41.86 3.28 -2.17	46.58 3.48 -3.54	58.24 3.88 -13.90	57.32 4.08 -10.37	46.64 3.48 -4.56	37.04 2.74 -0.47	33.11 2.57 -2.54	27.36 2.23 -0.01	24.61 1.70 -0.01
GOWANUS_GT3_6 24127	22.71 1.37 -0.01	21.20 1.08 -0.01	19.73 0.99 -0.01	18.93 0.87 -0.01	19.33 0.88 -0.01	20.97 1.05 -0.01	28.57 1.91 -1.46	34.00 2.16 -5.16	38.07 2.25 -11.09	38.06 2.23 -12.15	38.10 2.34 -10.33	38.38 2.37 -10.58	38.63 2.39 -11.31	39.01 2.95 -5.60	38.82 3.11 -1.84	41.86 3.28 -2.17	46.58 3.48 -3.54	58.24 3.88 -13.90	57.32 4.08 -10.37	46.64 3.48 -4.56	37.04 2.74 -0.47	33.11 2.57 -2.54	27.36 2.23 -0.01	24.61 1.70 -0.01
GOWANUS_GT3_7 24128	22.71 1.37 -0.01	21.20 1.08 -0.01	19.73 0.99 -0.01	18.93 0.87 -0.01	19.33 0.88 -0.01	20.97 1.05 -0.01	28.57 1.91 -1.46	34.00 2.16 -5.16	38.07 2.25 -11.09	38.06 2.23 -12.15	38.10 2.34 -10.33	38.38 2.37 -10.58	38.63 2.39 -11.31	39.01 2.95 -5.60	38.82 3.11 -1.84	41.86 3.28 -2.17	46.58 3.48 -3.54	58.24 3.88 -13.90	57.32 4.08 -10.37	46.64 3.48 -4.56	37.04 2.74 -0.47	33.11 2.57 -2.54	27.36 2.23 -0.01	24.61 1.70 -0.01
GOWANUS_GT3_8 24129	22.71 1.37 -0.01	21.20 1.08 -0.01	19.73 0.99 -0.01	18.93 0.87 -0.01	19.33 0.88 -0.01	20.97 1.05 -0.01	28.57 1.91 -1.46	34.00 2.16 -5.16	38.07 2.25 -11.09	38.06 2.23 -12.15	38.10 2.34 -10.33	38.38 2.37 -10.58	38.63 2.39 -11.31	39.01 2.95 -5.60	38.82 3.11 -1.84	41.86 3.28 -2.17	46.58 3.48 -3.54	58.24 3.88 -13.90	57.32 4.08 -10.37	46.64 3.48 -4.56	37.04 2.74 -0.47	33.11 2.57 -2.54	27.36 2.23 -0.01	24.61 1.70 -0.01
GOWANUS_GT4_1 24130	22.72 1.39 0.00	21.19 1.09 0.00	19.74 1.01 0.00	19.03 0.98 0.00	19.43 1.00 0.00	20.96 1.05 0.00	28.54 1.89 -1.45	34.00 2.16 -5.16	38.09 2.27 -11.09	38.04 2.20 -12.15	38.10 2.34 -10.33	38.35 2.34 -10.58	38.60 2.37 -11.31	38.99 2.92 -5.60	38.85 3.15 -1.84	41.78 3.20 -2.17	46.54 3.44 -3.54	58.16 3.80 -13.90	57.28 4.03 -10.37	46.60 3.44 -4.56	37.11 2.81 -0.47	33.08 2.55 -2.54	27.36 2.24 0.00	24.60 1.70 0.00
GOWANUS_GT4_2 24131	22.72 1.39 0.00	21.19 1.09 0.00	19.74 1.01 0.00	19.03 0.98 0.00	19.43 1.00 0.00	20.96 1.05 0.00	28.54 1.89 -1.45	34.00 2.16 -5.16	38.09 2.27 -11.09	38.04 2.20 -12.15	38.10 2.34 -10.33	38.35 2.34 -10.58	38.60 2.37 -11.31	38.99 2.92 -5.60	38.85 3.15 -1.84	41.78 3.20 -2.17	46.54 3.44 -3.54	58.16 3.80 -13.90	57.28 4.03 -10.37	46.60 3.44 -4.56	37.11 2.81 -0.47	33.08 2.55 -2.54	27.36 2.24 0.00	24.60 1.70 0.00
GOWANUS_GT4_3 24132	22.72 1.39 0.00	21.19 1.09 0.00	19.74 1.01 0.00	19.03 0.98 0.00	19.43 1.00 0.00	20.96 1.05 0.00	28.54 1.89 -1.45	34.00 2.16 -5.16	38.09 2.27 -11.09	38.04 2.20 -12.15	38.10 2.34 -10.33	38.35 2.34 -10.58	38.60 2.37 -11.31	38.99 2.92 -5.60	38.85 3.15 -1.84	41.78 3.20 -2.17	46.54 3.44 -3.54	58.16 3.80 -13.90	57.28 4.03 -10.37	46.60 3.44 -4.56	37.11 2.81 -0.47	33.08 2.55 -2.54	27.36 2.24 0.00	24.60 1.70 0.00
GOWANUS_GT4_4 24133	22.72 1.39 0.00	21.19 1.09 0.00	19.74 1.01 0.00	19.03 0.98 0.00	19.43 1.00 0.00	20.96 1.05 0.00	28.54 1.89 -1.45	34.00 2.16 -5.16	38.09 2.27 -11.09	38.04 2.20 -12.15	38.10 2.34 -10.33	38.35 2.34 -10.58	38.60 2.37 -11.31	38.99 2.92 -5.60	38.85 3.15 -1.84	41.78 3.20 -2.17	46.54 3.44 -3.54	58.16 3.80 -13.90	57.28 4.03 -10.37	46.60 3.44 -4.56	37.11 2.81 -0.47	33.08 2.55 -2.54	27.36 2.24 0.00	24.60 1.70 0.00
GOWANUS_GT4_5 24134	22.72 1.39 0.00	21.19 1.09 0.00	19.74 1.01 0.00	19.03 0.98 0.00	19.43 1.00 0.00	20.96 1.05 0.00	28.54 1.89 -1.45	34.00 2.16 -5.16	38.09 2.27 -11.09	38.04 2.20 -12.15	38.10 2.34 -10.33	38.35 2.34 -10.58	38.60 2.37 -11.31	38.99 2.92 -5.60	38.85 3.15 -1.84	41.78 3.20 -2.17	46.54 3.44 -3.54	58.16 3.80 -13.90	57.28 4.03 -10.37	46.60 3.44 -4.56	37.11 2.81 -0.47	33.08 2.55 -2.54	27.36 2.24 0.00	24.60 1.70 0.00
GOWANUS_GT4_6 24135	22.72 1.39 0.00	21.19 1.09 0.00	19.74 1.01 0.00	19.03 0.98 0.00	19.43 1.00 0.00	20.96 1.05 0.00	28.54 1.89 -1.45	34.00 2.16 -5.16	38.09 2.27 -11.09	38.04 2.20 -12.15	38.10 2.34 -10.33	38.35 2.34 -10.58	38.60 2.37 -11.31	38.99 2.92 -5.60	38.85 3.15 -1.84	41.78 3.20 -2.17	46.54 3.44 -3.54	58.16 3.80 -13.90	57.28 4.03 -10.37	46.60 3.44 -4.56	37.11 2.81 -0.47	33.08 2.55 -2.54	27.36 2.24 0.00	24.60 1.70 0.00

GOWANUS_GT4_7 24136	22.72 1.39 0.00	21.19 1.09 0.00	19.74 1.01 0.00	19.03 0.98 0.00	19.43 1.00 0.00	20.96 1.05 0.00	28.54 1.89 -1.45	34.00 2.16 -5.16	38.09 2.27 -11.09	38.04 2.20 -12.15	38.10 2.34 -10.33	38.35 2.34 -10.58	38.60 2.37 -11.31	38.99 2.92 -5.60	38.85 3.15 -1.84	41.78 3.20 -2.17	46.54 3.44 -3.54	58.16 3.80 -13.90	57.28 4.03 -10.37	46.60 3.44 -4.56	37.11 2.81 -0.47	33.08 2.55 -2.54	27.36 2.24 0.00	24.60 1.70 0.00
GOWANUS_GT4_8 24137	22.72 1.39 0.00	21.19 1.09 0.00	19.74 1.01 0.00	19.03 0.98 0.00	19.43 1.00 0.00	20.96 1.05 0.00	28.54 1.89 -1.45	34.00 2.16 -5.16	38.09 2.27 -11.09	38.04 2.20 -12.15	38.10 2.34 -10.33	38.35 2.34 -10.58	38.60 2.37 -11.31	38.99 2.92 -5.60	38.85 3.15 -1.84	41.78 3.20 -2.17	46.54 3.44 -3.54	58.16 3.80 -13.90	57.28 4.03 -10.37	46.60 3.44 -4.56	37.11 2.81 -0.47	33.08 2.55 -2.54	27.36 2.24 0.00	24.60 1.70 0.00
GREENBSH_115KV_TB3 55895	21.59 0.26 0.00	20.31 0.20 0.00	19.01 0.28 0.00	18.44 0.38 0.00	18.79 0.35 0.00	20.12 0.22 0.00	26.08 0.40 -0.48	28.02 0.56 -0.79	26.34 0.54 -1.07	24.69 0.50 -0.50	26.72 0.43 -0.86	26.80 0.43 -0.93	26.70 0.27 -1.50	31.40 0.34 -0.60	34.11 0.41 0.16	36.97 0.40 -0.16	41.60 0.67 -1.37	46.85 0.93 -5.46	47.97 1.07 -4.03	41.21 0.89 -1.71	34.76 0.78 -0.16	28.90 0.64 -0.26	25.85 0.73 0.00	23.34 0.44 0.00
GREENDGE_115KV_TB5 80291	21.87 0.53 0.00	20.55 0.44 0.00	18.92 0.19 0.00	18.00 -0.05 0.00	18.40 -0.04 0.00	20.30 0.40 0.00	25.85 0.66 0.00	27.34 0.67 0.00	25.30 0.57 0.00	24.23 0.54 0.00	26.04 0.61 0.00	26.02 0.58 0.00	25.62 0.70 0.00	31.32 0.85 0.00	34.51 0.64 0.00	37.14 0.73 0.00	41.45 1.90 0.00	42.48 2.02 0.00	45.28 2.40 0.00	40.04 1.43 0.00	34.33 0.51 0.00	28.53 0.53 0.00	25.55 0.43 0.00	23.55 0.64 0.00
GREENIDGE___3 23582	21.87 0.53 0.00	20.55 0.44 0.00	18.92 0.19 0.00	18.00 -0.05 0.00	18.40 -0.04 0.00	20.30 0.40 0.00	25.85 0.66 0.00	27.34 0.67 0.00	25.30 0.57 0.00	24.23 0.54 0.00	26.04 0.61 0.00	26.02 0.58 0.00	25.62 0.70 0.00	31.32 0.85 0.00	34.51 0.64 0.00	37.14 0.73 0.00	41.45 1.90 0.00	42.48 2.02 0.00	45.28 2.40 0.00	40.04 1.43 0.00	34.33 0.51 0.00	28.53 0.53 0.00	25.55 0.43 0.00	23.55 0.64 0.00
GREENIDGE___4 23583	21.96 0.62 0.00	20.57 0.46 0.00	18.98 0.24 0.00	18.29 0.23 0.00	18.66 0.22 0.00	20.34 0.44 0.00	25.85 0.65 0.00	27.37 0.69 0.00	25.32 0.59 0.00	24.23 0.55 0.00	26.07 0.64 0.00	26.04 0.61 0.00	25.62 0.70 0.00	31.35 0.88 0.00	34.88 1.01 0.00	37.39 0.98 0.00	41.53 1.98 0.00	42.60 2.14 0.00	45.32 2.44 0.00	40.12 1.50 0.00	34.40 0.57 0.00	28.53 0.53 0.00	25.60 0.48 0.00	23.55 0.64 0.00
GREENLWN_69_KV_BK 3 55738	22.71 1.98 0.61	20.56 1.61 1.16	19.79 1.50 0.44	19.18 1.32 0.20	19.63 1.38 0.19	21.18 1.57 0.30	28.46 2.52 -0.74	31.13 2.80 -1.65	29.92 2.79 -2.40	27.09 2.70 -0.71	30.38 2.77 -2.18	30.54 2.75 -2.36	31.39 2.74 -3.72	35.05 2.99 -1.60	35.95 3.49 1.40	41.88 3.71 -1.76	49.49 4.27 -5.67	57.68 4.45 -12.77	56.12 4.72 -8.53	45.21 4.09 -2.50	33.79 3.25 3.28	31.48 2.97 -0.52	29.39 2.76 -1.51	24.35 2.24 0.80
GREENWD_138_KV_38B11_REV_LBMP_J 345004	22.72 1.39 0.00	21.21 1.11 0.00	19.74 1.01 0.00	19.05 0.99 0.00	19.45 1.01 0.00	20.96 1.05 0.00	28.57 1.92 -1.45	34.03 2.19 -5.16	38.09 2.27 -11.09	38.04 2.20 -12.15	38.10 2.34 -10.33	38.35 2.34 -10.58	38.63 2.39 -11.31	38.99 2.92 -5.60	38.89 3.18 -1.84	41.78 3.20 -2.17	46.58 3.48 -3.54	58.16 3.80 -13.90	57.32 4.07 -10.37	46.64 3.47 -4.56	37.14 2.84 -0.47	33.11 2.58 -2.54	27.36 2.24 0.00	24.60 1.70 0.00
GRISSOM___SOLAR 323813	23.75 2.41 0.00	22.34 2.23 0.00	20.83 2.10 0.00	20.06 2.00 0.00	20.50 2.06 0.00	22.33 2.43 0.00	28.56 2.90 -0.46	30.63 3.20 -0.75	28.64 2.89 -1.02	26.58 2.42 -0.48	28.62 2.37 -0.82	28.64 2.31 -0.90	28.67 2.32 -1.42	34.08 3.05 -0.57	37.29 3.55 0.13	40.80 4.22 -0.17	46.65 5.82 -1.28	52.13 6.55 -5.12	54.11 7.46 -3.77	46.52 6.30 -1.61	39.25 5.27 -0.15	32.41 4.17 -0.25	28.49 3.37 0.00	25.61 2.70 0.00
GROVEVILLE___HYD 323602	22.60 1.26 0.00	21.09 0.99 0.00	19.65 0.92 0.00	18.96 0.90 0.00	19.30 0.87 0.00	20.74 0.84 0.00	26.99 1.46 -0.33	28.88 1.65 -0.55	27.21 1.73 -0.75	25.67 1.63 -0.35	27.77 1.73 -0.60	27.79 1.70 -0.66	28.84 1.79 -2.12	34.67 2.22 -1.99	37.41 2.54 -1.00	40.61 2.84 -1.36	46.48 3.36 -3.56	57.42 3.52 -13.44	56.20 3.86 -9.46	45.43 3.28 -3.53	36.55 2.60 -0.12	30.80 2.30 -0.51	27.03 1.91 0.00	24.40 1.49 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	21.49 0.15 0.00	20.21 0.10 0.00	18.77 0.04 0.00	18.02 -0.04 0.00	18.40 -0.04 0.00	20.02 0.12 0.00	25.30 0.10 0.00	26.70 0.03 0.00	24.68 -0.05 0.00	23.66 -0.02 0.00	25.48 0.05 0.00	25.48 0.05 0.00	24.97 0.05 0.00	30.53 0.06 0.00	33.93 0.07 0.00	36.52 0.11 0.00	40.15 0.59 0.00	41.10 0.65 0.00	43.65 0.77 0.00	39.07 0.46 0.00	33.96 0.14 0.00	28.16 0.17 0.00	25.25 0.13 0.00	23.18 0.27 0.00
HAMLTNNY_34_KV_TB 80303	21.42 0.09 0.00	20.11 0.00 0.00	18.66 -0.07 0.00	17.95 -0.11 0.00	18.33 -0.11 0.00	19.91 0.00 0.00	25.20 0.00 0.00	26.60 -0.08 0.00	24.58 -0.15 0.00	23.57 -0.12 0.00	25.36 -0.08 0.00	25.36 -0.08 0.00	24.88 -0.05 0.00	30.40 -0.06 0.00	33.83 -0.03 0.00	36.41 0.00 0.00	40.03 0.47 0.00	40.98 0.53 0.00	43.52 0.64 0.00	38.92 0.31 0.00	33.83 0.00 0.00	27.99 0.00 0.00	25.09 -0.03 0.00	23.07 0.16 0.00
HAMPSHIRE___PAPER_HYD 323593	21.55 0.21 0.00	20.35 0.24 0.00	18.92 0.19 0.00	18.25 0.20 0.00	18.66 0.22 0.00	20.22 0.32 0.00	25.53 0.33 0.00	27.08 0.40 0.00	24.98 0.25 0.00	23.85 0.17 0.00	25.69 0.25 0.00	25.71 0.28 0.00	25.17 0.25 0.00	30.92 0.46 0.00	34.40 0.54 0.00	37.10 0.69 0.00	40.27 0.71 0.00	40.74 0.29 0.00	43.09 0.22 0.00	39.31 0.70 0.00	34.47 0.64 0.00	28.44 0.45 0.00	25.45 0.33 0.00	23.18 0.28 0.00
HARDSCRABBLE_WT_PWR 323673	21.49 0.15 0.00	20.23 0.12 0.00	18.85 0.11 0.00	18.16 0.11 0.00	18.55 0.11 0.00	20.05 0.14 0.00	25.27 0.08 0.00	26.78 0.11 0.00	24.75 0.02 0.00	23.71 0.02 0.00	25.48 0.05 0.00	25.48 0.05 0.00	25.00 0.08 0.00	30.59 0.12 0.00	34.00 0.14 0.00	36.55 0.15 0.00	39.75 0.20 0.00	40.66 0.20 0.00	42.92 0.04 0.00	38.50 -0.12 0.00	33.66 -0.17 0.00	27.88 -0.11 0.00	25.04 -0.08 0.00	22.84 -0.07 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	22.34 1.00 0.00	20.91 0.80 0.00	19.46 0.73 0.00	18.74 0.69 0.00	19.10 0.66 0.00	20.60 0.70 0.00	24.94 1.23 1.50	25.70 1.44 2.42	22.96 1.51 3.28	23.61 1.47 1.55	24.32 1.53 2.64	24.06 1.50 2.87	25.41 1.57 1.08	34.52 1.95 -2.11	36.30 2.20 -0.24	39.10 2.44 -0.25	46.80 2.93 -4.31	59.70 3.12 -16.12	56.57 3.39 -10.31	44.11 2.86 -2.64	35.51 2.16 0.48	30.18 1.90 -0.28	26.75 1.63 0.00	24.14 1.24 0.00

HARSNRAD_115KV_TB1 81005	21.55 0.21 0.00	20.21 0.10 0.00	18.36 -0.37 0.00	17.14 -0.92 0.00	17.50 -0.94 0.00	19.69 -0.22 0.00	25.00 -0.20 0.00	26.01 -0.67 0.00	24.28 -0.45 0.00	23.42 -0.26 0.00	25.10 -0.33 0.00	25.13 -0.31 0.00	24.90 -0.02 0.00	30.25 -0.21 0.00	33.15 -0.71 0.00	35.53 -0.87 0.00	40.19 0.63 0.00	40.98 0.53 0.00	44.03 1.16 0.00	38.19 -0.42 0.00	32.24 -1.59 0.00	26.48 -1.51 0.00	23.96 -1.16 0.00	22.70 -0.21 0.00
HARZA MOOSE__RIVER 24016	21.79 0.45 0.00	20.55 0.44 0.00	19.09 0.36 0.00	18.38 0.33 0.00	18.79 0.35 0.00	20.40 0.50 0.00	25.83 0.63 0.00	27.42 0.75 0.00	25.25 0.52 0.00	24.13 0.45 0.00	25.97 0.53 0.00	25.99 0.56 0.00	25.45 0.52 0.00	31.26 0.79 0.00	34.81 0.95 0.00	37.50 1.09 0.00	41.02 1.46 0.00	42.12 1.66 0.00	44.72 1.84 0.00	40.19 1.58 0.00	35.01 1.18 0.00	28.83 0.84 0.00	25.77 0.65 0.00	23.53 0.62 0.00
HDSNBRDG_115KV_BRDG_TB1 355580	21.36 0.02 0.00	20.07 -0.04 0.00	18.62 -0.11 0.00	17.89 -0.16 0.00	18.27 -0.17 0.00	19.85 -0.06 0.00	25.12 -0.08 0.00	26.54 -0.13 0.00	24.55 -0.17 0.00	23.54 -0.14 0.00	25.31 -0.13 0.00	25.31 -0.13 0.00	24.83 -0.10 0.00	30.28 -0.18 0.00	33.66 -0.20 0.00	36.19 -0.22 0.00	39.79 0.24 0.00	40.74 0.28 0.00	43.26 0.39 0.00	38.69 0.08 0.00	33.62 -0.20 0.00	27.85 -0.14 0.00	25.02 -0.10 0.00	23.00 0.09 0.00
HELLGATE_13_KV_LD 55870	22.66 1.32 0.00	21.13 1.03 0.00	19.69 0.96 0.00	18.99 0.94 0.00	19.38 0.94 0.00	20.90 1.00 0.00	28.49 1.84 -1.45	33.92 2.08 -5.16	38.00 2.18 -11.09	37.94 2.11 -12.15	37.97 2.21 -10.33	38.23 2.21 -10.58	38.48 2.24 -11.31	38.77 2.71 -5.60	38.65 2.95 -1.84	41.60 3.02 -2.17	46.38 3.28 -3.54	57.88 3.52 -13.90	56.98 3.73 -10.37	46.37 3.20 -4.56	36.90 2.60 -0.47	32.97 2.44 -2.54	27.28 2.16 0.00	24.53 1.63 0.00
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	22.66 1.32 0.00	21.13 1.03 0.00	19.69 0.96 0.00	18.99 0.94 0.00	19.38 0.94 0.00	20.90 1.00 0.00	28.49 1.84 -1.45	33.92 2.08 -5.16	38.00 2.18 -11.09	37.94 2.11 -12.15	37.97 2.21 -10.33	38.23 2.21 -10.58	38.48 2.24 -11.31	38.77 2.71 -5.60	38.65 2.95 -1.84	41.60 3.02 -2.17	46.38 3.28 -3.54	57.88 3.52 -13.90	56.98 3.73 -10.37	46.37 3.20 -4.56	36.90 2.60 -0.47	32.97 2.44 -2.54	27.28 2.16 0.00	24.53 1.63 0.00
HEMPSTEAD____ 23647	22.89 1.49 -0.06	21.50 1.27 -0.13	19.95 1.18 -0.04	18.95 0.88 -0.01	19.39 0.94 -0.01	21.18 1.25 -0.02	28.85 2.12 -1.53	31.48 2.35 -2.45	30.43 2.40 -3.30	27.62 2.32 -1.61	30.45 2.39 -2.62	30.68 2.39 -2.85	31.60 2.39 -4.28	35.37 2.77 -2.14	38.45 3.01 -1.57	42.01 3.42 -2.18	50.72 3.92 -7.25	58.47 4.13 -13.88	57.56 4.33 -10.36	47.75 3.74 -5.39	37.60 2.91 -0.86	32.92 2.66 -2.27	29.22 2.39 -1.71	24.90 1.90 -0.10
HEWLETT__69_KV_BK3 55828	23.14 1.79 -0.01	21.61 1.47 -0.03	20.10 1.37 0.00	19.23 1.17 0.00	19.67 1.24 0.00	21.34 1.43 0.00	29.01 2.34 -1.47	31.68 2.61 -2.39	30.58 2.62 -3.23	27.78 2.56 -1.54	30.61 2.59 -2.59	30.84 2.59 -2.81	31.79 2.62 -4.25	35.62 3.02 -2.14	38.92 3.49 -1.57	42.34 3.75 -2.18	51.11 4.31 -7.25	58.79 4.45 -13.88	57.99 4.76 -10.36	48.21 4.21 -5.39	37.97 3.28 -0.86	33.17 2.91 -2.26	29.60 2.66 -1.81	25.06 2.13 -0.02
HICKLING__1 23621	22.13 0.79 0.00	20.69 0.58 0.00	18.99 0.26 0.00	18.11 0.05 0.00	18.49 0.06 0.00	20.38 0.48 0.00	26.06 0.86 0.00	27.56 0.88 0.00	25.57 0.84 0.00	24.58 0.90 0.00	26.40 0.97 0.00	26.35 0.92 0.00	25.97 1.05 0.00	31.77 1.31 0.00	35.18 1.32 0.00	37.83 1.42 0.00	42.24 2.69 0.00	43.25 2.79 0.00	46.09 3.22 0.00	40.62 2.01 0.00	34.67 0.85 0.00	28.61 0.62 0.00	25.67 0.55 0.00	23.73 0.82 0.00
HICKLING__2 23622	22.13 0.79 0.00	20.69 0.58 0.00	18.99 0.26 0.00	18.11 0.05 0.00	18.49 0.06 0.00	20.38 0.48 0.00	26.06 0.86 0.00	27.56 0.88 0.00	25.57 0.84 0.00	24.58 0.90 0.00	26.40 0.97 0.00	26.35 0.92 0.00	25.97 1.05 0.00	31.77 1.31 0.00	35.18 1.32 0.00	37.83 1.42 0.00	42.24 2.69 0.00	43.25 2.79 0.00	46.09 3.22 0.00	40.62 2.01 0.00	34.67 0.85 0.00	28.61 0.62 0.00	25.67 0.55 0.00	23.73 0.82 0.00
HIGH FALLS__HY 23754	22.66 1.32 0.00	21.17 1.07 0.00	19.67 0.94 0.00	18.92 0.87 0.00	19.25 0.81 0.00	20.72 0.82 0.00	26.69 1.49 0.00	28.38 1.71 0.00	26.51 1.78 0.00	25.37 1.68 0.00	27.21 1.78 0.00	27.21 1.78 0.00	27.80 1.92 -0.95	34.13 2.44 -1.23	37.13 2.78 -0.49	40.29 3.20 -0.68	45.54 3.76 -2.23	50.63 3.03 -7.14	51.20 3.34 -4.98	43.23 2.82 -1.80	36.06 2.20 -0.03	30.26 2.02 -0.25	26.73 1.61 0.00	24.17 1.26 0.00
HILLBURN__GT 23639	22.32 0.98 0.00	20.87 0.76 0.00	19.43 0.69 0.00	18.63 0.58 0.00	19.01 0.57 0.00	20.62 0.72 0.00	24.85 1.28 1.63	25.56 1.52 2.64	22.74 1.58 3.57	23.56 1.56 1.69	24.18 1.63 2.88	23.93 1.63 3.13	25.44 1.67 1.15	34.86 2.07 -2.33	36.31 2.20 -0.25	39.19 2.51 -0.27	47.24 2.93 -4.76	61.45 3.16 -17.84	57.64 3.35 -11.42	44.37 2.82 -2.94	35.34 2.03 0.52	30.19 1.88 -0.32	26.73 1.61 0.00	24.10 1.19 0.00
HILLSIDE_115KV_TB1 80332	21.79 0.45 0.00	20.43 0.32 0.00	18.79 0.06 0.00	17.86 -0.20 0.00	18.25 -0.18 0.00	20.10 0.20 0.00	25.63 0.43 0.00	27.10 0.43 0.00	25.20 0.47 0.00	24.21 0.52 0.00	25.97 0.53 0.00	25.94 0.51 0.00	25.57 0.65 0.00	31.26 0.79 0.00	34.64 0.78 0.00	37.21 0.80 0.00	41.41 1.86 0.00	42.40 1.94 0.00	45.19 2.32 0.00	39.88 1.27 0.00	34.13 0.30 0.00	28.16 0.17 0.00	25.30 0.18 0.00	23.34 0.44 0.00
HISHELDN_WT_PWR 323625	22.02 0.68 0.00	20.57 0.46 0.00	18.77 0.04 0.00	18.11 0.05 0.00	18.38 -0.06 0.00	20.08 0.18 0.00	25.48 0.28 0.00	26.86 0.19 0.00	25.05 0.32 0.00	24.13 0.45 0.00	25.81 0.38 0.00	25.84 0.41 0.00	25.55 0.62 0.00	31.10 0.64 0.00	35.02 1.15 0.00	37.14 0.73 0.00	41.53 1.98 0.00	42.40 1.94 0.00	45.32 2.44 0.00	39.46 0.85 0.00	33.32 -0.51 0.00	27.21 -0.78 0.00	24.64 -0.48 0.00	23.02 0.12 0.00
HOLTSVILLE_IC_1 23690	31.07 1.90 -7.83	37.00 1.67 -15.23	25.79 1.54 -5.52	21.66 1.17 -2.44	22.01 1.25 -2.32	25.32 1.65 -3.76	38.85 2.80 -10.86	41.59 3.01 -11.90	41.57 2.99 -13.85	38.83 2.89 -12.26	36.06 2.90 -7.72	36.76 2.85 -8.48	37.88 2.77 -10.19	39.93 3.14 -6.33	62.19 3.49 -24.84	45.87 3.93 -5.53	63.49 4.31 -19.63	67.59 4.57 -22.56	72.34 4.76 -24.71	70.84 4.17 -28.06	70.66 3.45 -33.38	47.10 3.08 -16.03	38.57 2.91 -10.54	36.00 2.43 -10.66
HOLTSVILLE_IC_10 23699	30.89 2.01 -7.55	36.55 1.77 -14.67	25.68 1.63 -5.32	21.65 1.24 -2.35	22.00 1.33 -2.24	25.26 1.73 -3.63	38.66 2.95 -10.51	41.43 3.20 -11.55	41.36 3.17 -13.46	38.61 3.06 -11.87	36.05 3.08 -7.54	36.73 3.03 -8.27	37.86 2.96 -9.97	39.98 3.35 -6.16	61.53 3.76 -23.90	45.80 4.15 -5.24	63.23 4.55 -19.13	64.49 4.81 -19.22	60.47 5.10 -12.49	51.83 4.48 -8.75	51.19 3.69 -13.67	46.74 3.27 -15.47	38.43 3.09 -10.23	35.77 2.59 -10.27

HOLTSVILLE_IC_2 23691	31.07 1.90 -7.83	37.00 1.67 -15.23	25.79 1.54 -5.52	21.66 1.17 -2.44	22.01 1.25 -2.32	25.32 1.65 -3.76	38.85 2.80 -10.86	41.59 3.01 -11.90	41.57 2.99 -13.85	38.83 2.89 -12.26	36.06 2.90 -7.72	36.76 2.85 -8.48	37.88 2.77 -10.19	39.93 3.14 -6.33	62.19 3.49 -24.84	45.87 3.93 -5.53	63.49 4.31 -19.63	67.59 4.57 -22.56	72.34 4.76 -24.71	70.84 4.17 -28.06	70.66 3.45 -33.38	47.10 3.08 -16.03	38.57 2.91 -10.54	36.00 2.43 -10.66
HOLTSVILLE_IC_3 23692	31.07 1.90 -7.83	37.00 1.67 -15.23	25.79 1.54 -5.52	21.66 1.17 -2.44	22.01 1.25 -2.32	25.32 1.65 -3.76	38.85 2.80 -10.86	41.59 3.01 -11.90	41.57 2.99 -13.85	38.83 2.89 -12.26	36.06 2.90 -7.72	36.76 2.85 -8.48	37.88 2.77 -10.19	39.93 3.14 -6.33	62.19 3.49 -24.84	45.87 3.93 -5.53	63.49 4.31 -19.63	67.59 4.57 -22.56	72.34 4.76 -24.71	70.84 4.17 -28.06	70.66 3.45 -33.38	47.10 3.08 -16.03	38.57 2.91 -10.54	36.00 2.43 -10.66
HOLTSVILLE_IC_4 23693	31.07 1.90 -7.83	37.00 1.67 -15.23	25.79 1.54 -5.52	21.66 1.17 -2.44	22.01 1.25 -2.32	25.32 1.65 -3.76	38.85 2.80 -10.86	41.59 3.01 -11.90	41.57 2.99 -13.85	38.83 2.89 -12.26	36.06 2.90 -7.72	36.76 2.85 -8.48	37.88 2.77 -10.19	39.93 3.14 -6.33	62.19 3.49 -24.84	45.87 3.93 -5.53	63.49 4.31 -19.63	67.59 4.57 -22.56	72.34 4.76 -24.71	70.84 4.17 -28.06	70.66 3.45 -33.38	47.10 3.08 -16.03	38.57 2.91 -10.54	36.00 2.43 -10.66
HOLTSVILLE_IC_5 23694	31.07 1.90 -7.83	37.00 1.67 -15.23	25.79 1.54 -5.52	21.66 1.17 -2.44	22.01 1.25 -2.32	25.32 1.65 -3.76	38.85 2.80 -10.86	41.59 3.01 -11.90	41.57 2.99 -13.85	38.83 2.89 -12.26	36.06 2.90 -7.72	36.76 2.85 -8.48	37.88 2.77 -10.19	39.93 3.14 -6.33	62.19 3.49 -24.84	45.87 3.93 -5.53	63.49 4.31 -19.63	67.59 4.57 -22.56	72.34 4.76 -24.71	70.84 4.17 -28.06	70.66 3.45 -33.38	47.10 3.08 -16.03	38.57 2.91 -10.54	36.00 2.43 -10.66
HOLTSVILLE_IC_6 23695	30.89 2.01 -7.55	36.55 1.77 -14.67	25.68 1.63 -5.32	21.65 1.24 -2.35	22.00 1.33 -2.24	25.26 1.73 -3.63	38.66 2.95 -10.51	41.43 3.20 -11.55	41.36 3.17 -13.46	38.61 3.06 -11.87	36.05 3.08 -7.54	36.73 3.03 -8.27	37.86 2.96 -9.97	39.98 3.35 -6.16	61.53 3.76 -23.90	45.80 4.15 -5.24	63.23 4.55 -19.13	64.49 4.81 -19.22	60.47 5.10 -12.49	51.83 4.48 -8.75	51.19 3.69 -13.67	46.74 3.27 -15.47	38.43 3.09 -10.23	35.77 2.59 -10.27
HOLTSVILLE_IC_7 23696	30.89 2.01 -7.55	36.55 1.77 -14.67	25.68 1.63 -5.32	21.65 1.24 -2.35	22.00 1.33 -2.24	25.26 1.73 -3.63	38.66 2.95 -10.51	41.43 3.20 -11.55	41.36 3.17 -13.46	38.61 3.06 -11.87	36.05 3.08 -7.54	36.73 3.03 -8.27	37.86 2.96 -9.97	39.98 3.35 -6.16	61.53 3.76 -23.90	45.80 4.15 -5.24	63.23 4.55 -19.13	64.49 4.81 -19.22	60.47 5.10 -12.49	51.83 4.48 -8.75	51.19 3.69 -13.67	46.74 3.27 -15.47	38.43 3.09 -10.23	35.77 2.59 -10.27
HOLTSVILLE_IC_8 23697	30.89 2.01 -7.55	36.55 1.77 -14.67	25.68 1.63 -5.32	21.65 1.24 -2.35	22.00 1.33 -2.24	25.26 1.73 -3.63	38.66 2.95 -10.51	41.43 3.20 -11.55	41.36 3.17 -13.46	38.61 3.06 -11.87	36.05 3.08 -7.54	36.73 3.03 -8.27	37.86 2.96 -9.97	39.98 3.35 -6.16	61.53 3.76 -23.90	45.80 4.15 -5.24	63.23 4.55 -19.13	64.49 4.81 -19.22	60.47 5.10 -12.49	51.83 4.48 -8.75	51.19 3.69 -13.67	46.74 3.27 -15.47	38.43 3.09 -10.23	35.77 2.59 -10.27
HOLTSVILLE_IC_9 23698	30.89 2.01 -7.55	36.55 1.77 -14.67	25.68 1.63 -5.32	21.65 1.24 -2.35	22.00 1.33 -2.24	25.26 1.73 -3.63	38.66 2.95 -10.51	41.43 3.20 -11.55	41.36 3.17 -13.46	38.61 3.06 -11.87	36.05 3.08 -7.54	36.73 3.03 -8.27	37.86 2.96 -9.97	39.98 3.35 -6.16	61.53 3.76 -23.90	45.80 4.15 -5.24	63.23 4.55 -19.13	64.49 4.81 -19.22	60.47 5.10 -12.49	51.83 4.48 -8.75	51.19 3.69 -13.67	46.74 3.27 -15.47	38.43 3.09 -10.23	35.77 2.59 -10.27
HOMER_HL_115KV_TB2 355744	22.34 1.00 0.00	20.87 0.76 0.00	18.92 0.19 0.00	17.79 -0.27 0.00	18.14 -0.30 0.00	20.38 0.48 0.00	26.08 0.88 0.00	27.37 0.69 0.00	25.59 0.87 0.00	24.73 1.04 0.00	26.45 1.02 0.00	26.48 1.04 0.00	26.20 1.27 0.00	32.05 1.58 0.00	35.32 1.46 0.00	37.86 1.46 0.00	42.72 3.16 0.00	43.65 3.20 0.00	46.73 3.86 0.00	40.50 1.89 0.00	34.03 0.20 0.00	27.83 -0.17 0.00	25.04 -0.08 0.00	23.62 0.71 0.00
HOWARD_WT_PWR 323690	22.51 1.17 0.00	21.03 0.93 0.00	19.26 0.52 0.00	18.56 0.50 0.00	18.92 0.48 0.00	20.70 0.80 0.00	26.33 1.13 0.00	27.85 1.17 0.00	25.84 1.11 0.00	24.80 1.11 0.00	26.60 1.17 0.00	26.58 1.15 0.00	26.22 1.30 0.00	31.96 1.49 0.00	35.96 2.10 0.00	38.34 1.93 0.00	42.84 3.28 0.00	43.89 3.44 0.00	46.74 3.86 0.00	40.93 2.32 0.00	34.70 0.88 0.00	28.44 0.45 0.00	25.62 0.50 0.00	23.73 0.82 0.00
HQ_GEN_CEDARS 23644	21.17 -0.17 0.00	20.07 -0.04 0.00	18.70 -0.04 0.00	18.02 -0.04 0.00	18.38 -0.06 0.00	19.89 -0.02 0.00	25.00 -0.20 0.00	26.44 -0.24 0.00	24.51 -0.22 0.00	23.47 -0.21 0.00	25.25 -0.18 0.00	25.28 -0.15 0.00	24.78 -0.15 0.00	30.28 -0.18 0.00	33.73 -0.14 0.00	36.33 -0.07 0.00	38.72 -0.83 0.00	39.53 -0.93 0.00	41.12 -1.76 0.00	38.03 -0.58 0.00	33.66 -0.17 0.00	27.77 -0.22 0.00	24.87 -0.25 0.00	22.66 -0.25 0.00
HQ_GEN_CEDARS_PROXY 323590	21.19 -0.15 0.00	20.07 -0.04 0.00	18.70 -0.04 0.00	18.02 -0.04 0.00	18.37 -0.06 0.02	19.90 -0.02 -0.02	25.00 -0.20 0.00	26.43 -0.24 0.00	24.50 -0.22 0.00	23.47 -0.21 0.00	25.26 -0.18 0.00	25.26 -0.18 0.00	24.78 -0.15 0.00	30.28 -0.18 0.00	33.66 -0.20 0.00	36.23 -0.18 0.00	38.92 -0.63 0.00	38.92 -1.54 0.00	41.08 -1.80 0.00	37.51 -0.58 0.53	34.19 -0.17 -0.53	27.77 -0.22 0.00	24.87 -0.25 0.00	22.66 -0.25 0.00
HQ_GEN_IMPORT 323601	21.12 -0.21 0.00	19.99 -0.12 0.00	18.62 -0.11 0.00	17.95 -0.11 0.00	18.31 -0.11 0.02	19.82 -0.10 -0.02	24.95 -0.25 0.00	26.41 -0.27 0.00	24.48 -0.25 0.00	23.45 -0.24 0.00	25.18 -0.25 0.00	25.18 -0.25 0.00	24.68 -0.25 0.00	30.19 -0.27 0.00	33.53 -0.34 0.00	37.34 -0.40 -1.33	37.39 -0.83 1.33	39.41 -1.05 0.00	41.76 -1.11 0.00	37.39 -0.69 0.53	34.05 -0.31 -0.53	27.71 -0.28 0.00	24.82 -0.30 0.00	22.63 -0.27 0.00
HQ_GEN_WHEEL 23651	21.12 -0.21 0.00	19.99 -0.12 0.00	18.62 -0.11 0.00	17.95 -0.11 0.00	18.31 -0.11 0.02	19.82 -0.10 -0.02	24.95 -0.25 0.00	26.41 -0.27 0.00	24.48 -0.25 0.00	23.45 -0.24 0.00	25.18 -0.25 0.00	25.18 -0.25 0.00	24.68 -0.25 0.00	30.19 -0.27 0.00	33.53 -0.34 0.00	37.34 -0.40 -1.33	37.39 -0.83 1.33	39.41 -1.05 0.00	41.76 -1.11 0.00	37.39 -0.69 0.53	34.05 -0.31 -0.53	27.71 -0.28 0.00	24.82 -0.30 0.00	22.63 -0.27 0.00
HUDSON_AVE_GT_3 23810	22.60 1.26 0.00	21.07 0.97 0.00	19.61 0.88 0.00	18.92 0.87 0.00	19.32 0.89 0.00	20.84 0.94 0.00	28.42 1.76 -1.45	31.08 2.03 -2.37	30.07 2.13 -3.22	27.29 2.08 -1.52	30.19 2.16 -2.59	30.41 2.16 -2.82	31.38 2.19 -4.26	35.25 2.65 -2.14	38.31 2.88 -1.57	41.60 3.02 -2.17	46.58 3.48 -3.54	58.04 3.68 -13.90	57.15 3.90 -10.37	46.53 3.36 -4.56	36.83 2.54 -0.47	31.08 2.38 -0.71	27.20 2.08 0.00	24.46 1.56 0.00

HUDSON AVE_GT_4 23540	22.60 1.26 0.00	21.07 0.97 0.00	19.61 0.88 0.00	18.92 0.87 0.00	19.32 0.89 0.00	20.84 0.94 0.00	28.42 1.76 -1.45	31.08 2.03 -2.37	30.07 2.13 -3.22	27.29 2.08 -1.52	30.19 2.16 -2.59	30.41 2.16 -2.82	31.38 2.19 -4.26	35.25 2.65 -2.14	38.31 2.88 -1.57	41.60 3.02 -2.17	46.58 3.48 -3.54	58.04 3.68 -13.90	57.15 3.90 -10.37	46.53 3.36 -4.56	36.83 2.54 -0.47	31.08 2.38 -0.71	27.20 2.08 0.00	24.46 1.56 0.00
HUDSON AVE_GT_5 23657	22.60 1.26 0.00	21.07 0.97 0.00	19.61 0.88 0.00	18.92 0.87 0.00	19.32 0.89 0.00	20.84 0.94 0.00	28.42 1.76 -1.45	31.08 2.03 -2.37	30.07 2.13 -3.22	27.29 2.08 -1.52	30.19 2.16 -2.59	30.41 2.16 -2.82	31.38 2.19 -4.26	35.25 2.65 -2.14	38.31 2.88 -1.57	41.60 3.02 -2.17	46.58 3.48 -3.54	58.04 3.68 -13.90	57.15 3.90 -10.37	46.53 3.36 -4.56	36.83 2.54 -0.47	31.08 2.38 -0.71	27.20 2.08 0.00	24.46 1.56 0.00
HUDSON_AVE_10 24168	22.49 1.15 0.00	20.95 0.86 0.02	19.52 0.81 0.02	18.83 0.79 0.02	19.21 0.79 0.02	20.73 0.84 0.02	28.29 1.64 -1.45	30.94 1.89 -2.37	29.97 2.03 -3.22	27.17 1.97 -1.52	30.03 2.01 -2.59	30.26 2.01 -2.82	31.23 2.04 -4.26	35.07 2.47 -2.14	38.14 2.71 -1.57	41.38 2.80 -2.17	46.34 3.24 -3.54	57.80 3.44 -13.90	56.89 3.64 -10.37	46.29 3.13 -4.56	36.65 2.37 -0.46	30.90 2.21 -0.69	27.10 1.98 0.00	24.33 1.44 0.02
HUDSON___115KV_TB 4 355613	22.02 0.68 0.00	20.69 0.58 0.00	19.33 0.60 0.00	18.76 0.70 0.00	19.08 0.65 0.00	20.44 0.54 0.00	26.34 0.73 -0.41	28.29 0.93 -0.68	26.52 0.87 -0.93	24.88 0.76 -0.44	26.87 0.69 -0.75	26.88 0.64 -0.81	26.84 0.47 -1.44	31.80 0.61 -0.72	34.62 0.78 0.03	37.60 0.91 -0.28	42.52 1.42 -1.54	48.03 1.74 -5.83	49.23 2.10 -4.26	42.12 1.74 -1.77	35.52 1.56 -0.14	29.47 1.20 -0.27	26.38 1.26 0.00	23.80 0.89 0.00
HUNTER MOUNT___DRP 323613	22.13 0.79 0.00	20.75 0.64 0.00	19.41 0.67 0.00	18.85 0.79 0.00	19.14 0.70 0.00	20.44 0.54 0.00	26.25 0.71 -0.34	28.10 0.85 -0.57	26.29 0.79 -0.77	24.71 0.66 -0.36	26.64 0.58 -0.62	26.64 0.53 -0.68	26.66 0.35 -1.39	31.77 0.46 -0.85	34.60 0.64 -0.09	37.63 0.84 -0.38	42.63 1.34 -1.73	48.51 1.78 -6.28	49.60 2.19 -4.54	42.23 1.78 -1.84	35.61 1.66 -0.13	29.53 1.26 -0.28	26.48 1.36 0.00	23.89 0.99 0.00
HUNTINGTON_RES_REC 323705	20.30 1.92 2.96	16.05 1.67 5.73	18.18 1.54 2.09	18.32 1.19 0.93	18.81 1.25 0.89	20.13 1.65 1.43	25.89 2.77 2.08	28.51 3.04 1.21	26.95 3.02 0.80	24.11 2.94 2.51	29.04 2.97 -0.64	29.02 2.92 -0.67	29.76 2.89 -1.95	34.03 3.20 -0.37	29.22 3.59 8.24	41.22 4.04 -0.77	46.13 4.55 -2.03	55.49 4.81 -10.22	52.20 5.01 -4.31	38.85 4.40 4.16	24.51 3.52 12.83	27.66 3.19 3.53	27.09 2.96 0.99	21.39 2.47 4.00
HUNTLEY___63 23557	21.72 0.38 0.00	20.37 0.26 0.00	18.49 -0.24 0.00	17.26 -0.79 0.00	17.61 -0.83 0.00	19.85 -0.06 0.00	25.20 0.00 0.00	26.38 -0.29 0.00	24.65 -0.07 0.00	23.83 0.14 0.00	25.53 0.10 0.00	25.56 0.13 0.00	25.32 0.40 0.00	30.80 0.34 0.00	33.80 -0.07 0.00	36.19 -0.22 0.00	40.98 1.42 0.00	41.75 1.29 0.00	44.80 1.93 0.00	38.80 0.19 0.00	32.74 -1.08 0.00	26.85 -1.15 0.00	24.27 -0.85 0.00	22.86 -0.05 0.00
HUNTLEY___64 23558	21.72 0.38 0.00	20.37 0.26 0.00	18.49 -0.24 0.00	17.26 -0.79 0.00	17.61 -0.83 0.00	19.85 -0.06 0.00	25.20 0.00 0.00	26.38 -0.29 0.00	24.65 -0.07 0.00	23.83 0.14 0.00	25.53 0.10 0.00	25.56 0.13 0.00	25.32 0.40 0.00	30.80 0.34 0.00	33.80 -0.07 0.00	36.19 -0.22 0.00	40.98 1.42 0.00	41.75 1.29 0.00	44.80 1.93 0.00	38.80 0.19 0.00	32.74 -1.08 0.00	26.85 -1.15 0.00	24.27 -0.85 0.00	22.86 -0.05 0.00
HUNTLEY___65 23559	21.72 0.38 0.00	20.37 0.26 0.00	18.49 -0.24 0.00	17.26 -0.79 0.00	17.61 -0.83 0.00	19.85 -0.06 0.00	25.20 0.00 0.00	26.38 -0.29 0.00	24.65 -0.07 0.00	23.83 0.14 0.00	25.53 0.10 0.00	25.56 0.13 0.00	25.32 0.40 0.00	30.80 0.34 0.00	33.80 -0.07 0.00	36.19 -0.22 0.00	40.98 1.42 0.00	41.75 1.29 0.00	44.80 1.93 0.00	38.80 0.19 0.00	32.74 -1.08 0.00	26.85 -1.15 0.00	24.27 -0.85 0.00	22.86 -0.05 0.00
HUNTLEY___66 23560	21.72 0.38 0.00	20.37 0.26 0.00	18.49 -0.24 0.00	17.26 -0.79 0.00	17.61 -0.83 0.00	19.85 -0.06 0.00	25.20 0.00 0.00	26.38 -0.29 0.00	24.65 -0.07 0.00	23.83 0.14 0.00	25.53 0.10 0.00	25.56 0.13 0.00	25.32 0.40 0.00	30.80 0.34 0.00	33.80 -0.07 0.00	36.19 -0.22 0.00	40.98 1.42 0.00	41.75 1.29 0.00	44.80 1.93 0.00	38.80 0.19 0.00	32.74 -1.08 0.00	26.85 -1.15 0.00	24.27 -0.85 0.00	22.86 -0.05 0.00
HUNTLEY___67 23561	21.62 0.28 0.00	20.25 0.14 0.00	18.40 -0.34 0.00	17.19 -0.87 0.00	17.55 -0.89 0.00	19.73 -0.18 0.00	25.10 -0.10 0.00	26.30 -0.37 0.00	24.55 -0.17 0.00	23.68 0.00 0.00	25.38 -0.05 0.00	25.41 -0.03 0.00	25.17 0.25 0.00	30.59 0.12 0.00	33.53 -0.34 0.00	35.97 -0.44 0.00	40.62 1.07 0.00	41.43 0.97 0.00	44.42 1.54 0.00	38.53 -0.08 0.00	32.54 -1.29 0.00	26.73 -1.26 0.00	24.19 -0.93 0.00	22.77 -0.14 0.00
HUNTLEY___68 23562	21.62 0.28 0.00	20.25 0.14 0.00	18.40 -0.34 0.00	17.19 -0.87 0.00	17.55 -0.89 0.00	19.73 -0.18 0.00	25.10 -0.10 0.00	26.30 -0.37 0.00	24.55 -0.17 0.00	23.68 0.00 0.00	25.38 -0.05 0.00	25.41 -0.03 0.00	25.17 0.25 0.00	30.59 0.12 0.00	33.53 -0.34 0.00	35.97 -0.44 0.00	40.62 1.07 0.00	41.43 0.97 0.00	44.42 1.54 0.00	38.53 -0.08 0.00	32.54 -1.29 0.00	26.73 -1.26 0.00	24.19 -0.93 0.00	22.77 -0.14 0.00
HYLAND___LFGE 323620	22.77 1.43 0.00	21.31 1.21 0.00	19.56 0.82 0.00	18.81 0.76 0.00	19.18 0.74 0.00	21.02 1.11 0.00	26.89 1.69 0.00	28.51 1.84 0.00	26.26 1.53 0.00	24.94 1.25 0.00	26.65 1.22 0.00	26.55 1.12 0.00	26.12 1.20 0.00	31.25 0.79 0.00	35.25 1.39 0.00	37.83 1.42 0.00	42.60 3.05 0.00	43.98 3.52 0.00	47.33 4.46 0.00	41.70 3.09 0.00	35.48 1.66 0.00	29.03 1.04 0.00	26.60 1.48 0.00	24.49 1.58 0.00
INDECK___CORINTH 23802	22.00 0.66 0.00	20.67 0.56 0.00	19.29 0.56 0.00	18.60 0.54 0.00	19.10 0.66 0.00	20.66 0.76 0.00	26.75 1.08 -0.47	28.78 1.33 -0.77	27.06 1.29 -1.05	25.36 1.18 -0.49	27.42 1.15 -0.84	27.44 1.09 -0.92	27.25 0.87 -1.46	32.09 1.07 -0.56	34.85 1.18 0.20	38.02 1.49 -0.12	42.84 1.98 -1.31	48.12 2.43 -5.24	49.91 3.17 -3.87	42.92 2.66 -1.65	36.41 2.44 -0.15	30.10 1.85 -0.25	26.63 1.51 0.00	24.05 1.14 0.00
INDECK___ILION 23567	21.42 0.09 0.00	20.21 0.10 0.00	18.83 0.09 0.00	18.11 0.05 0.00	18.49 0.06 0.00	20.02 0.12 0.00	25.32 0.13 0.00	26.81 0.13 0.00	24.83 0.10 0.00	23.76 0.07 0.00	25.53 0.10 0.00	25.53 0.10 0.00	25.02 0.10 0.00	30.62 0.15 0.00	34.03 0.17 0.00	36.59 0.18 0.00	39.87 0.32 0.00	40.78 0.32 0.00	43.22 0.34 0.00	38.80 0.19 0.00	33.89 0.07 0.00	28.05 0.06 0.00	25.17 0.05 0.00	22.95 0.05 0.00

INDECK___OLEAN 23982	22.47 1.13 0.00	20.95 0.84 0.00	19.03 0.30 0.00	18.31 0.25 0.00	18.60 0.17 0.00	20.46 0.56 0.00	26.08 0.88 0.00	27.45 0.77 0.00	25.67 0.94 0.00	24.80 1.11 0.00	26.48 1.04 0.00	26.50 1.07 0.00	26.20 1.27 0.00	32.08 1.61 0.00	36.10 2.23 0.00	38.34 1.93 0.00	42.91 3.36 0.00	43.86 3.40 0.00	46.86 3.99 0.00	40.66 2.04 0.00	34.13 0.30 0.00	27.83 -0.17 0.00	25.12 0.00 0.00	23.62 0.71 0.00
INDECK___OSWEGO 23783	21.85 0.51 0.00	20.51 0.40 0.00	19.03 0.30 0.00	18.36 0.31 0.00	18.77 0.33 0.00	20.34 0.44 0.00	25.70 0.50 0.00	27.18 0.51 0.00	25.10 0.37 0.00	24.02 0.33 0.00	25.94 0.51 0.00	25.97 0.53 0.00	25.45 0.52 0.00	31.13 0.67 0.00	34.34 0.47 0.00	36.88 0.47 0.00	40.62 1.07 0.00	41.67 1.21 0.00	44.21 1.33 0.00	39.58 0.97 0.00	34.40 0.57 0.00	28.81 0.81 0.00	25.80 0.68 0.00	23.64 0.73 0.00
INDECK___YERKES 23781	21.93 0.60 0.00	20.49 0.38 0.00	18.66 -0.07 0.00	18.02 -0.04 0.00	18.27 -0.17 0.00	19.95 0.04 0.00	25.22 0.03 0.00	26.54 -0.13 0.00	24.80 0.07 0.00	23.97 0.29 0.00	25.59 0.15 0.00	25.64 0.20 0.00	25.40 0.47 0.00	30.92 0.46 0.00	34.85 0.98 0.00	36.85 0.44 0.00	41.29 1.74 0.00	42.08 1.62 0.00	45.06 2.19 0.00	39.08 0.47 0.00	32.95 -0.88 0.00	26.90 -1.09 0.00	24.42 -0.70 0.00	22.88 -0.02 0.00
INDIAN POINT_GT_1 24139	22.38 1.05 0.00	20.91 0.80 0.00	19.48 0.75 0.00	18.81 0.76 0.00	19.19 0.76 0.00	20.68 0.78 0.00	28.21 1.46 -1.55	30.91 1.71 -2.53	29.94 1.78 -3.43	27.01 1.71 -1.62	30.00 1.81 -2.76	30.22 1.78 -3.00	31.27 1.82 -4.53	34.94 2.22 -2.25	37.94 2.47 -1.60	41.32 2.66 -2.25	46.44 3.12 -3.76	58.53 3.32 -14.75	57.44 3.56 -11.01	46.50 3.05 -4.84	36.63 2.30 -0.50	30.85 2.10 -0.75	26.90 1.78 0.00	24.24 1.33 0.00
INDIAN POINT_GT_2 23659	22.38 1.05 0.00	20.91 0.80 0.00	19.48 0.75 0.00	18.81 0.76 0.00	19.19 0.76 0.00	20.68 0.78 0.00	28.21 1.46 -1.55	30.91 1.71 -2.53	29.94 1.78 -3.43	27.01 1.71 -1.62	30.00 1.81 -2.76	30.22 1.78 -3.00	31.27 1.82 -4.53	34.94 2.22 -2.25	37.94 2.47 -1.60	41.32 2.66 -2.25	46.44 3.12 -3.76	58.53 3.32 -14.75	57.44 3.56 -11.01	46.50 3.05 -4.84	36.63 2.30 -0.50	30.85 2.10 -0.75	26.90 1.78 0.00	24.24 1.33 0.00
INDIAN POINT_GT_3 24019	22.38 1.05 0.00	20.91 0.80 0.00	19.48 0.75 0.00	18.81 0.76 0.00	19.19 0.76 0.00	20.68 0.78 0.00	28.21 1.46 -1.55	30.91 1.71 -2.53	29.94 1.78 -3.43	27.01 1.71 -1.62	30.00 1.81 -2.76	30.22 1.78 -3.00	31.27 1.82 -4.53	34.94 2.22 -2.25	37.94 2.47 -1.60	41.32 2.66 -2.25	46.44 3.12 -3.76	58.53 3.32 -14.75	57.44 3.56 -11.01	46.50 3.05 -4.84	36.63 2.30 -0.50	30.85 2.10 -0.75	26.90 1.78 0.00	24.24 1.33 0.00
INDIAN POINT___2 23530	22.32 0.98 0.00	20.87 0.76 0.00	19.43 0.69 0.00	18.65 0.59 0.00	19.05 0.61 0.00	20.64 0.74 0.00	28.40 1.41 -1.79	31.23 1.63 -2.93	30.40 1.70 -3.97	27.21 1.66 -1.87	30.38 1.75 -3.19	30.64 1.73 -3.47	31.79 1.77 -5.10	35.02 2.16 -2.39	37.87 2.30 -1.70	41.46 2.62 -2.43	46.60 3.05 -4.00	59.46 3.28 -15.72	58.12 3.43 -11.81	46.82 2.93 -5.28	36.57 2.17 -0.58	30.84 2.02 -0.83	26.83 1.71 0.00	24.19 1.28 0.00
INDIAN POINT___3 23531	22.36 1.02 0.00	20.89 0.78 0.00	19.46 0.73 0.00	18.80 0.74 0.00	19.18 0.74 0.00	20.64 0.74 0.00	28.17 1.41 -1.56	30.88 1.65 -2.56	29.90 1.71 -3.47	26.98 1.66 -1.63	29.95 1.73 -2.79	30.20 1.73 -3.03	31.23 1.74 -4.56	34.85 2.13 -2.25	37.85 2.37 -1.61	41.18 2.51 -2.26	46.32 3.01 -3.76	58.36 3.16 -14.75	57.32 3.43 -11.02	46.36 2.90 -4.85	36.53 2.20 -0.51	30.77 2.02 -0.76	26.85 1.73 0.00	24.19 1.28 0.00
INGHAM_C_115KV_TB7 356103	21.36 0.02 0.00	20.21 0.10 0.00	18.83 0.09 0.00	18.06 0.00 0.00	18.44 0.00 0.00	20.04 0.14 0.00	25.25 0.05 0.00	26.76 0.08 0.00	24.73 0.00 0.00	23.68 0.00 0.00	25.46 0.03 0.00	25.46 0.03 0.00	24.95 0.02 0.00	30.56 0.09 0.00	33.93 0.07 0.00	36.48 0.07 0.00	39.71 0.16 0.00	40.62 0.16 0.00	42.96 0.09 0.00	38.53 -0.08 0.00	33.69 -0.14 0.00	27.88 -0.11 0.00	25.04 -0.08 0.00	22.84 -0.07 0.00
IP CORINTH___1 23988	22.21 0.87 0.00	20.79 0.68 0.00	19.43 0.69 0.00	18.81 0.76 0.00	19.30 0.87 0.00	20.80 0.90 0.00	26.83 1.16 -0.47	28.99 1.55 -0.77	27.21 1.43 -1.05	25.48 1.30 -0.49	27.57 1.30 -0.84	27.60 1.25 -0.92	27.40 1.02 -1.46	32.33 1.31 -0.56	35.12 1.46 0.20	38.17 1.64 -0.12	43.04 2.18 -1.31	48.29 2.59 -5.24	50.17 3.43 -3.87	43.12 2.86 -1.65	36.62 2.64 -0.15	30.26 2.02 -0.25	26.78 1.66 0.00	24.19 1.28 0.00
IP___TICONDEROGA 23804	22.47 1.13 0.00	20.95 0.84 0.00	19.56 0.82 0.00	19.01 0.96 0.00	20.15 1.71 0.00	21.88 1.97 0.00	28.04 2.37 -0.47	30.44 2.99 -0.77	28.60 2.82 -1.05	26.74 2.56 -0.50	28.92 2.64 -0.85	28.95 2.59 -0.92	28.68 2.29 -1.46	33.86 2.83 -0.56	36.87 3.22 0.21	40.16 3.64 -0.12	45.61 4.75 -1.31	51.13 5.42 -5.25	53.40 6.65 -3.88	45.79 5.52 -1.65	39.02 5.04 -0.15	32.06 3.81 -0.25	28.23 3.11 0.00	25.45 2.54 0.00
ISLIP_RES_REC 323679	30.17 2.09 -6.74	35.05 1.85 -13.10	25.18 1.70 -4.74	21.47 1.32 -2.09	21.83 1.40 -2.00	24.97 1.83 -3.24	37.84 3.10 -9.54	40.63 3.39 -10.57	40.43 3.34 -12.36	37.66 3.22 -10.76	35.67 3.23 -7.00	36.32 3.20 -7.68	37.41 3.14 -9.35	39.78 3.59 -5.72	59.35 4.03 -21.46	45.81 4.48 -4.93	62.29 4.90 -17.83	64.74 5.18 -19.10	62.49 5.53 -14.08	54.66 4.79 -11.26	52.90 3.92 -15.15	45.49 3.47 -14.03	37.72 3.24 -9.35	34.78 2.70 -9.17
JAMAICA__27_KV_LOAD 355505	22.43 1.09 0.00	20.91 0.82 0.02	19.48 0.77 0.02	18.83 0.79 0.02	19.21 0.79 0.02	20.71 0.82 0.02	28.34 1.69 -1.45	31.02 1.97 -2.37	30.07 2.13 -3.22	27.24 2.04 -1.52	30.03 2.01 -2.59	30.24 1.98 -2.82	31.20 2.02 -4.26	35.04 2.44 -2.14	38.11 2.68 -1.57	41.35 2.77 -2.17	46.34 3.24 -3.54	57.80 3.44 -13.90	56.89 3.64 -10.37	46.29 3.13 -4.56	36.65 2.37 -0.46	30.90 2.21 -0.69	27.13 2.01 0.00	24.33 1.44 0.02
JANIS___SOLAR 323808	22.49 1.15 0.00	21.09 0.98 0.00	19.52 0.79 0.00	18.85 0.79 0.00	19.27 0.83 0.00	20.94 1.03 0.00	26.66 1.46 0.00	28.08 1.57 0.17	25.66 1.16 0.23	24.55 0.97 0.11	26.29 1.04 0.18	26.20 0.97 0.20	25.90 0.97 0.00	31.84 1.37 0.00	35.66 1.79 0.00	38.59 2.18 0.00	42.84 3.28 0.00	44.26 3.80 0.00	47.25 4.38 0.00	42.09 3.48 0.00	36.26 2.44 0.00	29.76 1.76 0.00	26.58 1.46 0.00	24.33 1.42 0.00
JARVIS____ 23743	21.40 0.06 0.00	20.15 0.04 0.00	18.77 0.04 0.00	18.09 0.04 0.00	18.49 0.06 0.00	19.95 0.04 0.00	25.27 0.08 0.00	26.76 0.08 0.00	24.80 0.07 0.00	23.76 0.07 0.00	25.51 0.08 0.00	25.51 0.08 0.00	24.97 0.05 0.00	30.56 0.09 0.00	33.97 0.10 0.00	36.52 0.11 0.00	39.75 0.20 0.00	40.70 0.24 0.00	43.18 0.30 0.00	38.77 0.16 0.00	33.86 0.03 0.00	28.02 0.03 0.00	25.14 0.03 0.00	22.93 0.02 0.00

JENNISON___1 23625	22.51 1.17 0.00	21.15 1.05 0.00	19.59 0.86 0.00	18.81 0.76 0.00	19.23 0.79 0.00	20.98 1.07 0.00	26.76 1.56 0.00	28.08 1.68 0.28	25.74 1.38 0.38	24.81 1.30 0.18	26.58 1.45 0.30	26.55 1.45 0.33	26.42 1.50 0.00	32.51 2.04 0.00	36.13 2.27 0.00	39.03 2.62 0.00	43.23 3.68 0.00	44.54 4.09 0.00	47.59 4.72 0.00	42.36 3.75 0.00	36.47 2.64 0.00	29.93 1.93 0.00	26.73 1.61 0.00	24.44 1.53 0.00
JENNISON___2 23626	22.51 1.17 0.00	21.15 1.05 0.00	19.59 0.86 0.00	18.81 0.76 0.00	19.23 0.79 0.00	20.98 1.07 0.00	26.76 1.56 0.00	28.08 1.68 0.28	25.74 1.38 0.38	24.81 1.30 0.18	26.58 1.45 0.30	26.55 1.45 0.33	26.42 1.50 0.00	32.51 2.04 0.00	36.13 2.27 0.00	39.03 2.62 0.00	43.23 3.68 0.00	44.54 4.09 0.00	47.59 4.72 0.00	42.36 3.75 0.00	36.47 2.64 0.00	29.93 1.93 0.00	26.73 1.61 0.00	24.44 1.53 0.00
JERICHO_RISE_WT_PWR 323719	21.27 -0.06 0.00	20.15 0.04 0.00	18.75 0.02 0.00	18.11 0.05 0.00	18.51 0.07 0.00	20.08 0.18 0.00	25.35 0.15 0.00	26.86 0.19 0.00	24.98 0.25 0.00	23.92 0.24 0.00	25.76 0.33 0.00	25.79 0.36 0.00	25.27 0.35 0.00	30.89 0.43 0.00	34.34 0.47 0.00	37.03 0.62 0.00	39.83 0.28 0.00	40.42 -0.04 0.00	42.70 -0.17 0.00	38.77 0.16 0.00	34.03 0.20 0.00	27.77 -0.22 0.00	24.67 -0.45 0.00	22.36 -0.55 0.00
KATONAH___115KV_46KV_TB4 355592	22.53 1.19 0.00	21.05 0.94 0.00	19.61 0.88 0.00	18.94 0.88 0.00	19.36 0.92 0.00	20.82 0.92 0.00	28.00 1.64 -1.16	30.47 1.89 -1.90	29.28 1.98 -2.58	26.75 1.85 -1.21	29.59 2.09 -2.07	29.75 2.06 -2.26	30.64 2.12 -3.60	35.04 2.59 -1.99	38.21 2.91 -1.44	41.48 3.13 -1.94	46.49 3.64 -3.30	57.23 3.92 -12.85	56.66 4.29 -9.49	46.38 3.71 -4.06	37.05 2.84 -0.38	31.17 2.55 -0.63	27.08 1.96 0.00	24.37 1.47 0.00
KCE_NY_1 323755	22.28 0.94 0.00	20.95 0.84 0.00	19.58 0.84 0.00	18.85 0.79 0.00	19.29 0.85 0.00	20.84 0.94 0.00	26.98 1.31 -0.48	29.00 1.55 -0.78	27.24 1.46 -1.05	25.53 1.35 -0.50	27.63 1.35 -0.85	27.65 1.30 -0.92	27.61 1.22 -1.47	32.51 1.49 -0.56	35.27 1.63 0.22	38.44 1.93 -0.11	43.36 2.49 -1.32	48.65 2.91 -5.27	50.07 3.30 -3.89	43.09 2.82 -1.66	36.42 2.44 -0.15	30.18 1.93 -0.25	26.80 1.68 0.00	24.21 1.31 0.00
KCE_NY_6_ESR 323823	22.19 0.85 0.00	20.71 0.60 0.00	18.86 0.13 0.00	18.20 0.14 0.00	18.47 0.04 0.00	20.18 0.28 0.00	25.60 0.40 0.00	26.94 0.27 0.00	25.17 0.45 0.00	24.30 0.61 0.00	25.97 0.53 0.00	25.99 0.56 0.00	25.75 0.82 0.00	31.38 0.91 0.00	35.35 1.49 0.00	37.43 1.02 0.00	41.93 2.37 0.00	42.76 2.30 0.00	45.75 2.87 0.00	39.69 1.08 0.00	33.42 -0.40 0.00	27.30 -0.70 0.00	24.74 -0.38 0.00	23.20 0.30 0.00
KEDC_PORT_JEFF_GT2 24210	31.69 1.96 -8.39	38.15 1.73 -16.31	26.24 1.59 -5.91	21.89 1.23 -2.61	22.23 1.31 -2.49	25.65 1.71 -4.03	39.60 2.87 -11.53	42.32 3.07 -12.58	42.38 3.04 -14.61	39.69 2.98 -13.02	36.50 2.97 -8.09	37.26 2.95 -8.88	38.37 2.84 -10.61	40.28 3.20 -6.62	63.75 3.46 -26.43	45.99 3.82 -5.76	64.27 4.23 -20.48	68.11 4.49 -23.16	73.16 4.59 -25.69	72.24 4.02 -29.61	72.75 3.32 -35.61	47.99 3.02 -16.97	39.22 2.96 -11.13	36.83 2.50 -11.42
KEDC_PORT_JEFF_GT3 24211	31.69 1.96 -8.39	38.15 1.73 -16.31	26.24 1.59 -5.91	21.89 1.23 -2.61	22.23 1.31 -2.49	25.65 1.71 -4.03	39.60 2.87 -11.53	42.32 3.07 -12.58	42.38 3.04 -14.61	39.69 2.98 -13.02	36.50 2.97 -8.09	37.26 2.95 -8.88	38.37 2.84 -10.61	40.28 3.20 -6.62	63.75 3.46 -26.43	45.99 3.82 -5.76	64.27 4.23 -20.48	68.11 4.49 -23.16	73.16 4.59 -25.69	72.24 4.02 -29.61	72.75 3.32 -35.61	47.99 3.02 -16.97	39.22 2.96 -11.13	36.83 2.50 -11.42
KEDC_GLWD_GT4 24219	22.87 1.47 -0.06	21.46 1.23 -0.13	19.90 1.12 -0.04	18.97 0.90 -0.01	19.39 0.94 -0.01	21.12 1.19 -0.02	28.77 2.04 -1.53	31.45 2.32 -2.45	30.38 2.35 -3.30	27.59 2.30 -1.61	30.44 2.39 -2.62	30.68 2.39 -2.85	31.62 2.42 -4.28	35.44 2.83 -2.14	38.55 3.11 -1.57	42.09 3.50 -2.18	50.84 4.04 -7.25	58.58 4.25 -13.88	57.69 4.46 -10.36	47.86 3.86 -5.39	37.63 2.94 -0.86	32.92 2.66 -2.27	28.89 2.34 -1.43	24.83 1.83 -0.09
KEDC_GLWD_GT5 24220	22.87 1.47 -0.06	21.46 1.23 -0.13	19.90 1.12 -0.04	18.97 0.90 -0.01	19.39 0.94 -0.01	21.12 1.19 -0.02	28.77 2.04 -1.53	31.45 2.32 -2.45	30.38 2.35 -3.30	27.59 2.30 -1.61	30.44 2.39 -2.62	30.68 2.39 -2.85	31.62 2.42 -4.28	35.44 2.83 -2.14	38.55 3.11 -1.57	42.09 3.50 -2.18	50.84 4.04 -7.25	58.58 4.25 -13.88	57.69 4.46 -10.36	47.86 3.86 -5.39	37.63 2.94 -0.86	32.92 2.66 -2.27	28.89 2.34 -1.43	24.83 1.83 -0.09
KENSICO____ 23655	22.45 1.11 0.00	20.97 0.86 0.00	19.54 0.81 0.00	18.87 0.81 0.00	19.27 0.83 0.00	20.74 0.84 0.00	28.25 1.56 -1.49	30.92 1.81 -2.43	29.91 1.88 -3.30	27.06 1.82 -1.55	30.00 1.91 -2.66	30.20 1.88 -2.89	31.19 1.92 -4.35	34.98 2.35 -2.17	38.02 2.57 -1.58	41.37 2.77 -2.20	46.40 3.24 -3.60	58.02 3.44 -14.12	57.11 3.69 -10.54	46.38 3.13 -4.64	36.68 2.37 -0.48	30.90 2.18 -0.72	27.00 1.88 0.00	24.30 1.40 0.00
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	22.60 1.26 0.00	21.11 1.01 0.00	19.63 0.90 0.00	18.90 0.85 0.00	19.21 0.77 0.00	20.68 0.78 0.00	26.41 1.44 0.22	28.04 1.65 0.29	26.04 1.71 0.39	25.13 1.63 0.19	26.82 1.70 0.32	26.79 1.70 0.35	27.02 1.77 -0.32	33.65 2.22 -0.97	36.82 2.57 -0.38	39.86 2.99 -0.46	44.77 3.52 -1.70	48.95 3.07 -5.42	49.98 3.43 -3.68	42.72 2.90 -1.21	36.06 2.27 0.03	30.17 2.02 -0.16	26.78 1.66 0.00	24.19 1.28 0.00
KIAC_JFK_GT1 23816	22.32 0.98 0.00	20.81 0.72 0.02	19.39 0.67 0.02	18.74 0.70 0.02	19.14 0.72 0.02	20.59 0.70 0.02	28.19 1.54 -1.45	30.86 1.81 -2.37	29.93 1.98 -3.22	27.12 1.92 -1.52	29.88 1.86 -2.59	30.11 1.86 -2.82	30.98 1.79 -4.26	34.77 2.16 -2.14	37.77 2.34 -1.57	41.02 2.44 -2.17	45.91 2.81 -3.54	57.35 2.99 -13.90	56.42 3.17 -10.37	45.91 2.74 -4.56	36.35 2.06 -0.46	30.76 2.07 -0.69	27.00 1.88 0.00	24.22 1.33 0.02
KIAC_JFK_GT2 23817	22.32 0.98 0.00	20.81 0.72 0.02	19.39 0.67 0.02	18.74 0.70 0.02	19.14 0.72 0.02	20.59 0.70 0.02	28.19 1.54 -1.45	30.86 1.81 -2.37	29.93 1.98 -3.22	27.12 1.92 -1.52	29.88 1.86 -2.59	30.11 1.86 -2.82	30.98 1.79 -4.26	34.77 2.16 -2.14	37.77 2.34 -1.57	41.02 2.44 -2.17	45.91 2.81 -3.54	57.35 2.99 -13.90	56.42 3.17 -10.37	45.91 2.74 -4.56	36.35 2.06 -0.46	30.76 2.07 -0.69	27.00 1.88 0.00	24.22 1.33 0.02
KIAC_JFK____ 323774	22.25 0.92 0.00	20.79 0.70 0.02	19.35 0.64 0.02	18.58 0.54 0.02	18.97 0.55 0.02	20.59 0.70 0.02	28.19 1.54 -1.45	30.86 1.81 -2.37	29.90 1.95 -3.22	27.12 1.92 -1.52	29.88 1.86 -2.59	30.11 1.86 -2.82	31.00 1.82 -4.26	34.77 2.16 -2.14	37.67 2.23 -1.57	41.06 2.48 -2.17	45.95 2.85 -3.54	57.39 3.04 -13.90	56.42 3.17 -10.37	45.91 2.74 -4.56	36.28 2.00 -0.46	30.76 2.07 -0.69	26.98 1.86 0.00	24.22 1.33 0.02

KINTIGH____ 23543	21.23 -0.11 0.00	19.93 -0.18 0.00	18.19 -0.54 0.00	17.10 -0.96 0.00	17.46 -0.98 0.00	19.47 -0.44 0.00	24.74 -0.45 0.00	26.06 -0.61 0.00	24.26 -0.47 0.00	23.35 -0.33 0.00	25.05 -0.38 0.00	25.08 -0.36 0.00	24.80 -0.12 0.00	30.13 -0.34 0.00	33.12 -0.75 0.00	35.53 -0.87 0.00	39.91 0.36 0.00	40.70 0.24 0.00	43.60 0.73 0.00	38.15 -0.46 0.00	32.44 -1.39 0.00	26.73 -1.26 0.00	24.17 -0.95 0.00	22.52 -0.39 0.00
KNTFSRNC_46_KV_46KV_LOAD 80397	21.64 0.30 0.00	20.41 0.30 0.00	18.99 0.26 0.00	18.40 0.34 0.00	18.79 0.35 0.00	20.32 0.42 0.00	25.70 0.50 0.00	27.21 0.53 0.00	25.30 0.57 0.00	24.23 0.54 0.00	26.09 0.66 0.00	26.12 0.69 0.00	25.60 0.67 0.00	31.29 0.82 0.00	34.81 0.95 0.00	37.68 1.27 0.00	40.54 0.99 0.00	41.43 0.97 0.00	43.56 0.69 0.00	39.50 0.89 0.00	34.60 0.78 0.00	28.16 0.17 0.00	24.99 -0.13 0.00	22.63 -0.27 0.00
LACHUTE__HYDRO 323717	22.30 0.96 0.00	20.93 0.82 0.00	19.54 0.80 0.00	18.81 0.76 0.00	20.10 1.66 0.00	21.86 1.95 0.00	28.19 2.52 -0.47	30.36 2.91 -0.77	28.60 2.82 -1.05	26.76 2.58 -0.50	28.92 2.64 -0.85	28.95 2.60 -0.92	28.65 2.27 -1.46	33.80 2.77 -0.56	36.84 3.18 0.21	40.24 3.72 -0.12	45.69 4.82 -1.31	51.21 5.50 -5.25	53.40 6.65 -3.88	45.83 5.56 -1.65	39.02 5.04 -0.15	32.06 3.81 -0.25	28.21 3.09 0.00	25.45 2.54 0.00
LAWRNCV_115KV_TB1 80681	21.23 -0.11 0.00	20.15 0.04 0.00	18.75 0.02 0.00	18.07 0.02 0.00	18.46 0.02 0.00	19.99 0.08 0.00	25.15 -0.05 0.00	26.62 -0.05 0.00	24.65 -0.07 0.00	23.59 -0.09 0.00	25.41 -0.03 0.00	25.43 0.00 0.00	24.92 0.00 0.00	30.49 0.03 0.00	33.97 0.10 0.00	36.63 0.22 0.00	39.12 -0.44 0.00	39.89 -0.57 0.00	41.33 -1.54 0.00	38.19 -0.42 0.00	33.73 -0.10 0.00	27.91 -0.08 0.00	24.99 -0.13 0.00	22.75 -0.16 0.00
LEDERLE____ 23769	22.38 1.05 0.00	20.91 0.80 0.00	19.48 0.75 0.00	18.78 0.72 0.00	19.16 0.72 0.00	20.64 0.74 0.00	24.85 1.39 1.74	25.49 1.63 2.81	22.62 1.71 3.81	23.55 1.66 1.80	24.09 1.73 3.07	23.82 1.73 3.34	25.21 1.77 1.48	34.83 2.19 -2.17	36.50 2.44 -0.20	39.19 2.62 -0.16	47.14 3.12 -4.46	60.43 3.32 -16.66	57.02 3.60 -10.55	44.19 3.01 -2.56	35.57 2.30 0.56	30.30 2.04 -0.26	26.88 1.76 0.00	24.24 1.33 0.00
LIGHTHSE_115KV_TB6 355974	21.74 0.41 0.00	20.43 0.32 0.00	18.96 0.22 0.00	18.22 0.16 0.00	18.62 0.18 0.00	20.24 0.34 0.00	25.60 0.40 0.00	27.10 0.43 0.00	24.95 0.22 0.00	23.87 0.19 0.00	25.76 0.33 0.00	25.84 0.41 0.00	25.32 0.40 0.00	31.04 0.58 0.00	34.37 0.51 0.00	36.99 0.58 0.00	40.70 1.15 0.00	41.83 1.38 0.00	44.50 1.63 0.00	39.88 1.27 0.00	34.64 0.81 0.00	28.75 0.76 0.00	25.72 0.60 0.00	23.57 0.66 0.00
LINDEN COGEN____ 23786	22.43 1.09 0.00	20.93 0.82 0.00	19.48 0.75 0.00	18.67 0.61 0.00	19.08 0.64 0.00	20.70 0.80 0.00	28.24 1.59 -1.45	30.84 1.79 -2.37	29.88 1.93 -3.22	27.12 1.92 -1.52	30.01 1.99 -2.59	30.24 1.99 -2.82	31.18 1.99 -4.26	32.24 2.44 0.66	32.21 2.51 4.16	32.66 2.77 6.51	46.26 3.17 -3.54	54.47 3.36 -10.66	47.34 3.47 -0.99	34.43 3.01 7.19	32.25 2.20 3.78	30.86 2.16 -0.71	27.05 1.93 0.00	24.33 1.42 0.00
LINDHRST_69_KV_BK1 356055	23.96 2.05 -0.57	22.86 1.63 -1.13	20.64 1.52 -0.39	19.58 1.35 -0.17	20.04 1.44 -0.16	21.79 1.61 -0.27	30.05 2.70 -2.15	32.69 2.93 -3.08	31.64 2.92 -4.00	28.82 2.82 -2.32	31.23 2.85 -2.95	31.50 2.85 -3.22	32.40 2.82 -4.66	36.10 3.26 -2.38	40.58 3.79 -2.92	42.86 4.08 -2.38	52.07 4.55 -7.97	59.58 4.73 -14.38	59.21 5.14 -11.19	49.72 4.40 -6.71	40.23 3.65 -2.75	34.25 3.19 -3.07	30.72 2.94 -2.66	26.09 2.38 -0.80
LIPA_MISC_IPP 23656	31.37 2.22 -7.81	37.03 1.73 -15.19	25.84 1.61 -5.50	21.98 1.50 -2.43	22.32 1.57 -2.32	25.39 1.73 -3.75	38.93 2.90 -10.83	41.68 3.12 -11.88	41.60 3.04 -13.83	38.88 2.96 -12.23	36.09 2.95 -7.71	36.79 2.90 -8.46	37.94 2.84 -10.17	40.01 3.23 -6.32	62.42 3.79 -24.77	46.46 4.00 -6.05	63.62 4.47 -19.59	77.76 4.69 -32.61	111.64 4.97 -63.79	132.78 4.32 -89.84	132.65 3.69 -95.14	47.20 3.22 -15.99	38.68 3.04 -10.52	36.04 2.50 -10.64
LISF__SOLAR 323691	31.13 2.03 -7.76	36.98 1.79 -15.09	25.85 1.65 -5.47	21.75 1.28 -2.41	22.08 1.35 -2.30	25.40 1.77 -3.73	38.89 2.92 -10.77	41.63 3.15 -11.81	41.60 3.12 -13.75	38.83 2.98 -12.16	36.08 2.97 -7.68	36.78 2.92 -8.43	37.90 2.84 -10.13	39.98 3.23 -6.28	62.12 3.66 -24.59	46.77 4.15 -6.21	63.64 4.59 -19.50	81.36 4.85 -36.05	125.24 5.06 -77.31	154.27 4.44 -111.22	153.95 3.69 -116.44	47.15 3.27 -15.88	38.64 3.06 -10.46	36.01 2.54 -10.56
LITTLE FALLS__HYD 24013	21.36 0.02 0.00	20.21 0.10 0.00	18.83 0.09 0.00	18.06 0.00 0.00	18.44 0.00 0.00	20.04 0.14 0.00	25.25 0.05 0.00	26.76 0.08 0.00	24.73 0.00 0.00	23.68 0.00 0.00	25.46 0.03 0.00	25.46 0.03 0.00	24.95 0.02 0.00	30.56 0.09 0.00	33.93 0.07 0.00	36.48 0.07 0.00	39.71 0.16 0.00	40.62 0.16 0.00	42.96 0.09 0.00	38.53 -0.08 0.00	33.69 -0.14 0.00	27.88 -0.11 0.00	25.04 -0.08 0.00	22.84 -0.07 0.00
LITTLRIV_115KV_TB1 356100	21.34 0.00 0.00	20.27 0.16 0.00	18.86 0.13 0.00	18.16 0.11 0.00	18.55 0.11 0.00	20.14 0.24 0.00	25.32 0.13 0.00	26.84 0.16 0.00	24.80 0.07 0.00	23.73 0.05 0.00	25.59 0.15 0.00	25.61 0.18 0.00	25.10 0.17 0.00	30.77 0.30 0.00	34.27 0.41 0.00	36.99 0.58 0.00	39.51 -0.04 0.00	40.34 -0.12 0.00	41.93 -0.94 0.00	38.69 0.08 0.00	34.13 0.30 0.00	28.16 0.17 0.00	25.19 0.08 0.00	22.93 0.02 0.00
LI_NEWBRDGE__DRP 323616	22.97 1.64 0.01	21.39 1.29 0.00	19.91 1.20 0.02	19.10 1.05 0.01	19.54 1.11 0.01	21.15 1.25 0.01	28.77 2.12 -1.46	31.43 2.37 -2.38	30.33 2.40 -3.20	27.53 2.32 -1.52	30.37 2.37 -2.57	30.57 2.34 -2.79	31.50 2.34 -4.23	35.25 2.65 -2.14	38.52 3.08 -1.57	41.87 3.28 -2.18	50.52 3.72 -7.25	58.22 3.88 -13.88	57.39 4.16 -10.36	47.59 3.59 -5.39	37.54 2.84 -0.87	32.84 2.58 -2.27	29.74 2.36 -2.26	24.79 1.88 -0.01
LOCKPORT_115KV_TB60_63_64 80432	21.53 0.19 0.00	20.19 0.08 0.00	18.36 -0.37 0.00	17.14 -0.92 0.00	17.50 -0.94 0.00	19.69 -0.22 0.00	25.00 -0.20 0.00	26.06 -0.61 0.00	24.33 -0.40 0.00	23.47 -0.21 0.00	25.15 -0.28 0.00	25.18 -0.25 0.00	24.95 0.02 0.00	30.31 -0.15 0.00	33.25 -0.61 0.00	35.64 -0.76 0.00	40.31 0.75 0.00	41.10 0.65 0.00	44.16 1.29 0.00	38.30 -0.31 0.00	32.34 -1.49 0.00	26.57 -1.43 0.00	24.01 -1.11 0.00	22.70 -0.21 0.00
LOCKPORT__CC1 323769	21.72 0.38 0.00	20.29 0.18 0.00	18.51 -0.22 0.00	17.86 -0.20 0.00	18.12 -0.31 0.00	19.77 -0.14 0.00	25.00 -0.20 0.00	26.22 -0.45 0.00	24.48 -0.25 0.00	23.59 -0.09 0.00	25.20 -0.23 0.00	25.26 -0.18 0.00	25.00 0.08 0.00	30.40 -0.06 0.00	34.27 0.41 0.00	36.23 -0.18 0.00	40.58 1.03 0.00	41.35 0.89 0.00	44.29 1.41 0.00	38.50 -0.12 0.00	32.51 -1.32 0.00	26.60 -1.40 0.00	24.17 -0.95 0.00	22.70 -0.21 0.00

LOCKPORT___CC2 323770	21.72 0.38 0.00	20.29 0.18 0.00	18.51 -0.22 0.00	17.86 -0.20 0.00	18.12 -0.31 0.00	19.77 -0.14 0.00	25.00 -0.20 0.00	26.22 -0.45 0.00	24.48 -0.25 0.00	23.59 -0.09 0.00	25.20 -0.23 0.00	25.26 -0.18 0.00	25.00 0.08 0.00	30.40 -0.06 0.00	34.27 0.41 0.00	36.23 -0.18 0.00	40.58 1.03 0.00	41.35 0.89 0.00	44.29 1.41 0.00	38.50 -0.12 0.00	32.51 -1.32 0.00	26.60 -1.40 0.00	24.17 -0.95 0.00	22.70 -0.21 0.00
LOCKPORT___CC3 323771	21.72 0.38 0.00	20.29 0.18 0.00	18.51 -0.22 0.00	17.86 -0.20 0.00	18.12 -0.31 0.00	19.77 -0.14 0.00	25.00 -0.20 0.00	26.22 -0.45 0.00	24.48 -0.25 0.00	23.59 -0.09 0.00	25.20 -0.23 0.00	25.26 -0.18 0.00	25.00 0.08 0.00	30.40 -0.06 0.00	34.27 0.41 0.00	36.23 -0.18 0.00	40.58 1.03 0.00	41.35 0.89 0.00	44.29 1.41 0.00	38.50 -0.12 0.00	32.51 -1.32 0.00	26.60 -1.40 0.00	24.17 -0.95 0.00	22.70 -0.21 0.00
LONG_LAKE_PHOENIX 24014	21.68 0.34 0.00	20.43 0.32 0.00	18.94 0.21 0.00	18.16 0.11 0.00	18.55 0.11 0.00	20.24 0.34 0.00	25.55 0.35 0.00	27.00 0.32 0.00	24.93 0.20 0.00	23.92 0.24 0.00	25.76 0.33 0.00	25.79 0.36 0.00	25.27 0.35 0.00	30.89 0.43 0.00	34.20 0.34 0.00	36.81 0.40 0.00	40.58 1.03 0.00	41.59 1.13 0.00	44.16 1.29 0.00	39.50 0.89 0.00	34.33 0.51 0.00	28.58 0.59 0.00	25.57 0.45 0.00	23.48 0.57 0.00
LOVETT___3 23632	22.28 0.94 0.00	20.81 0.70 0.00	19.41 0.67 0.00	18.72 0.67 0.00	19.10 0.66 0.00	20.58 0.68 0.00	24.73 1.31 1.77	25.32 1.52 2.87	22.46 1.63 3.90	23.41 1.56 1.84	23.92 1.63 3.14	23.65 1.63 3.41	24.98 1.67 1.62	34.60 2.04 -2.09	36.31 2.27 -0.17	38.96 2.44 -0.12	46.76 2.89 -4.32	59.61 3.07 -16.08	56.30 3.30 -10.13	43.78 2.78 -2.39	35.36 2.10 0.57	30.13 1.90 -0.24	26.75 1.63 0.00	24.12 1.21 0.00
LOVETT___4 23642	22.28 0.94 0.00	20.81 0.70 0.00	19.41 0.67 0.00	18.72 0.67 0.00	19.10 0.66 0.00	20.58 0.68 0.00	24.73 1.31 1.77	25.32 1.52 2.87	22.46 1.63 3.90	23.41 1.56 1.84	23.92 1.63 3.14	23.65 1.63 3.41	24.98 1.67 1.62	34.60 2.04 -2.09	36.31 2.27 -0.17	38.96 2.44 -0.12	46.76 2.89 -4.32	59.61 3.07 -16.08	56.30 3.30 -10.13	43.78 2.78 -2.39	35.36 2.10 0.57	30.13 1.90 -0.24	26.75 1.63 0.00	24.12 1.21 0.00
LOVETT___5 23593	22.28 0.94 0.00	20.81 0.70 0.00	19.41 0.67 0.00	18.72 0.67 0.00	19.10 0.66 0.00	20.58 0.68 0.00	24.73 1.31 1.77	25.32 1.52 2.87	22.46 1.63 3.90	23.41 1.56 1.84	23.92 1.63 3.14	23.65 1.63 3.41	24.98 1.67 1.62	34.60 2.04 -2.09	36.31 2.27 -0.17	38.96 2.44 -0.12	46.76 2.89 -4.32	59.61 3.07 -16.08	56.30 3.30 -10.13	43.78 2.78 -2.39	35.36 2.10 0.57	30.13 1.90 -0.24	26.75 1.63 0.00	24.12 1.21 0.00
LOWER RAQUET___HYD 24057	21.30 -0.04 0.00	20.17 0.06 0.00	18.77 0.04 0.00	18.11 0.05 0.00	18.49 0.06 0.00	20.05 0.14 0.00	25.20 0.00 0.00	26.68 0.00 0.00	24.68 -0.05 0.00	23.61 -0.07 0.00	25.43 0.00 0.00	25.46 0.03 0.00	24.95 0.02 0.00	30.56 0.09 0.00	34.00 0.14 0.00	36.63 0.22 0.00	39.40 -0.16 0.00	39.41 -1.05 0.00	41.42 -1.46 0.00	38.22 -0.39 0.00	33.76 -0.07 0.00	27.94 -0.06 0.00	25.02 -0.10 0.00	22.77 -0.14 0.00
LOWER___HUDSON 24059	21.98 0.64 0.00	20.69 0.58 0.00	19.31 0.58 0.00	18.62 0.56 0.00	19.03 0.59 0.00	20.52 0.62 0.00	26.65 0.96 -0.49	28.60 1.12 -0.81	26.88 1.06 -1.09	25.17 0.97 -0.52	27.25 0.94 -0.88	27.30 0.91 -0.96	27.29 0.85 -1.52	32.02 1.00 -0.55	34.59 1.05 0.32	37.71 1.27 -0.03	42.58 1.66 -1.36	47.95 2.02 -5.47	49.06 2.14 -4.04	42.19 1.85 -1.72	35.61 1.62 -0.16	29.60 1.34 -0.26	26.33 1.21 0.00	23.78 0.87 0.00
LOWVILLE_115KV_TB2 356335	21.79 0.45 0.00	20.55 0.44 0.00	19.09 0.36 0.00	18.40 0.34 0.00	18.81 0.37 0.00	20.44 0.54 0.00	25.85 0.66 0.00	27.45 0.77 0.00	25.25 0.52 0.00	24.11 0.43 0.00	25.94 0.51 0.00	25.97 0.53 0.00	25.42 0.50 0.00	31.26 0.79 0.00	34.81 0.95 0.00	37.54 1.13 0.00	41.06 1.50 0.00	42.16 1.70 0.00	44.72 1.84 0.00	40.31 1.70 0.00	35.11 1.29 0.00	28.92 0.92 0.00	25.85 0.73 0.00	23.57 0.66 0.00
LUTHERFT_115KV_GLOB_FND_222 355753	22.34 1.00 0.00	20.95 0.84 0.00	19.58 0.84 0.00	18.94 0.88 0.00	19.38 0.94 0.00	20.84 0.94 0.00	26.93 1.26 -0.48	29.00 1.55 -0.78	27.24 1.46 -1.05	25.51 1.33 -0.50	27.60 1.32 -0.85	27.65 1.30 -0.92	27.61 1.22 -1.47	32.52 1.49 -0.56	35.34 1.69 0.22	38.34 1.82 -0.11	43.24 2.37 -1.32	48.48 2.75 -5.27	50.02 3.26 -3.89	43.01 2.74 -1.66	36.38 2.40 -0.15	30.15 1.90 -0.25	26.78 1.66 0.00	24.19 1.28 0.00
LUTHERNY_35_KV_BK2 355980	22.36 1.02 0.00	20.97 0.86 0.00	19.59 0.86 0.00	18.94 0.88 0.00	19.38 0.94 0.00	20.86 0.96 0.00	26.96 1.29 -0.48	29.03 1.57 -0.78	27.27 1.48 -1.05	25.53 1.35 -0.50	27.63 1.35 -0.85	27.65 1.30 -0.92	27.61 1.22 -1.47	32.55 1.52 -0.56	35.37 1.73 0.22	38.37 1.86 -0.11	43.32 2.45 -1.32	48.52 2.79 -5.27	50.07 3.30 -3.89	43.05 2.78 -1.66	36.41 2.44 -0.15	30.18 1.93 -0.25	26.80 1.68 0.00	24.21 1.31 0.00
LWR___OSWEGATCHIE_HYD 23850	21.53 0.19 0.00	20.35 0.24 0.00	18.92 0.19 0.00	18.25 0.20 0.00	18.64 0.20 0.00	20.20 0.30 0.00	25.53 0.33 0.00	27.08 0.40 0.00	24.98 0.25 0.00	23.85 0.17 0.00	25.69 0.25 0.00	25.71 0.28 0.00	25.20 0.27 0.00	30.89 0.43 0.00	34.41 0.54 0.00	37.14 0.73 0.00	40.15 0.59 0.00	41.10 0.65 0.00	43.09 0.21 0.00	39.31 0.69 0.00	34.47 0.64 0.00	28.44 0.45 0.00	25.45 0.33 0.00	23.18 0.27 0.00
LYONS_FALL_HYD 23570	21.83 0.49 0.00	20.55 0.44 0.00	19.09 0.36 0.00	18.44 0.38 0.00	18.84 0.41 0.00	20.42 0.52 0.00	25.83 0.63 0.00	27.42 0.75 0.00	25.25 0.52 0.00	24.13 0.45 0.00	25.97 0.53 0.00	25.99 0.56 0.00	25.45 0.52 0.00	31.25 0.79 0.00	34.85 0.98 0.00	37.54 1.13 0.00	41.06 1.50 0.00	42.08 1.62 0.00	44.72 1.84 0.00	40.23 1.62 0.00	35.01 1.18 0.00	28.83 0.84 0.00	25.77 0.65 0.00	23.53 0.62 0.00
MADISON___COUNTY_LFGE 323628	21.85 0.51 0.00	20.61 0.50 0.00	19.14 0.41 0.00	18.38 0.33 0.00	18.79 0.35 0.00	20.44 0.54 0.00	25.88 0.68 0.00	27.45 0.77 0.00	25.30 0.57 0.00	24.21 0.52 0.00	26.04 0.61 0.00	26.04 0.61 0.00	25.52 0.60 0.00	31.32 0.85 0.00	34.88 1.02 0.00	37.57 1.17 0.00	41.26 1.70 0.00	42.28 1.82 0.00	45.02 2.14 0.00	40.31 1.70 0.00	35.01 1.18 0.00	28.81 0.81 0.00	25.80 0.68 0.00	23.62 0.71 0.00
MALONE___115KV_TB1 356076	21.53 0.19 0.00	20.35 0.24 0.00	18.96 0.22 0.00	18.33 0.27 0.00	18.71 0.28 0.00	20.26 0.36 0.00	25.58 0.38 0.00	27.08 0.40 0.00	25.17 0.45 0.00	24.09 0.40 0.00	25.94 0.51 0.00	25.97 0.53 0.00	25.45 0.52 0.00	31.10 0.64 0.00	34.64 0.78 0.00	37.46 1.06 0.00	40.19 0.63 0.00	41.02 0.57 0.00	43.00 0.13 0.00	39.19 0.58 0.00	34.40 0.58 0.00	28.11 0.11 0.00	24.99 -0.13 0.00	22.68 -0.23 0.00

MAPLEWOD_115KV_TB3 80458	21.87 0.53 0.00	20.57 0.46 0.00	19.24 0.51 0.00	18.63 0.58 0.00	19.01 0.57 0.00	20.38 0.48 0.00	26.46 0.78 -0.48	28.49 1.01 -0.80	26.77 0.96 -1.08	25.07 0.88 -0.51	27.14 0.84 -0.87	27.19 0.81 -0.95	27.15 0.72 -1.50	31.93 0.88 -0.59	34.70 1.05 0.21	37.62 1.09 -0.12	42.47 1.54 -1.37	47.79 1.86 -5.47	49.01 2.10 -4.03	42.07 1.74 -1.72	35.51 1.52 -0.16	29.46 1.20 -0.26	26.28 1.16 0.00	23.69 0.78 0.00
MAPLE RIDGE_WT_1 323574	21.32 -0.02 0.00	20.09 -0.02 0.00	18.73 0.00 0.00	18.06 0.00 0.00	18.44 0.00 0.00	19.93 0.02 0.00	25.25 0.05 0.00	26.73 0.05 0.00	24.75 0.02 0.00	23.71 0.02 0.00	25.46 0.03 0.00	25.43 0.00 0.00	24.92 0.00 0.00	30.43 -0.03 0.00	33.80 -0.07 0.00	36.34 -0.07 0.00	39.51 -0.04 0.00	40.38 -0.08 0.00	42.49 -0.39 0.00	37.72 -0.89 0.00	32.64 -1.18 0.00	26.82 -1.17 0.00	23.94 -1.18 0.00	21.76 -1.14 0.00
MAPLE RIDGE_WT_2 323611	21.32 -0.02 0.00	20.09 -0.02 0.00	18.73 0.00 0.00	18.06 0.00 0.00	18.44 0.00 0.00	19.93 0.02 0.00	25.25 0.05 0.00	26.73 0.05 0.00	24.75 0.02 0.00	23.71 0.02 0.00	25.46 0.03 0.00	25.43 0.00 0.00	24.92 0.00 0.00	30.43 -0.03 0.00	33.80 -0.07 0.00	36.34 -0.07 0.00	39.51 -0.04 0.00	40.38 -0.08 0.00	42.49 -0.39 0.00	37.72 -0.89 0.00	32.64 -1.18 0.00	26.82 -1.17 0.00	23.94 -1.18 0.00	21.76 -1.14 0.00
MARBLE_RIVER_WT_PWR 323696	21.32 -0.02 0.00	20.17 0.06 0.00	18.79 0.06 0.00	18.13 0.07 0.00	18.55 0.11 0.00	20.10 0.20 0.00	25.42 0.23 0.00	26.91 0.24 0.00	25.05 0.32 0.00	23.99 0.31 0.00	25.84 0.41 0.00	25.84 0.41 0.00	25.32 0.40 0.00	30.95 0.49 0.00	34.44 0.58 0.00	37.14 0.73 0.00	39.99 0.44 0.00	40.58 0.12 0.00	42.87 0.00 0.00	38.88 0.27 0.00	34.13 0.30 0.00	27.83 -0.17 0.00	24.72 -0.40 0.00	22.40 -0.50 0.00
MARSHVLE_115KV_TB1 80742	23.34 2.01 0.00	21.92 1.81 0.00	20.44 1.70 0.00	19.83 1.77 0.00	20.24 1.81 0.00	21.90 1.99 0.00	28.21 2.55 -0.46	30.50 3.07 -0.75	28.50 2.74 -1.02	26.51 2.34 -0.48	28.57 2.31 -0.82	28.59 2.26 -0.90	28.59 2.24 -1.42	33.92 2.89 -0.57	36.92 3.18 0.13	40.26 3.68 -0.17	45.82 4.98 -1.28	51.24 5.66 -5.12	53.29 6.65 -3.77	45.86 5.64 -1.61	38.71 4.74 -0.15	32.05 3.81 -0.25	28.23 3.11 0.00	25.43 2.52 0.00
MARSH_HILL_WT_PWR 323713	22.49 1.15 0.00	21.01 0.91 0.00	19.24 0.51 0.00	18.54 0.49 0.00	18.90 0.46 0.00	20.66 0.76 0.00	26.28 1.08 0.00	27.80 1.12 0.00	25.81 1.09 0.00	24.77 1.09 0.00	26.58 1.15 0.00	26.55 1.12 0.00	26.20 1.27 0.00	31.93 1.46 0.00	35.90 2.03 0.00	38.26 1.86 0.00	42.76 3.20 0.00	43.81 3.36 0.00	46.69 3.81 0.00	40.89 2.28 0.00	34.67 0.85 0.00	28.42 0.42 0.00	25.62 0.50 0.00	23.71 0.80 0.00
MCINTYRE_115KV_TB2 80467	21.36 0.02 0.00	20.29 0.18 0.00	18.88 0.15 0.00	18.18 0.13 0.00	18.59 0.15 0.00	20.16 0.26 0.00	25.32 0.13 0.00	26.86 0.19 0.00	24.80 0.07 0.00	23.73 0.05 0.00	25.59 0.15 0.00	25.61 0.18 0.00	25.10 0.17 0.00	30.80 0.34 0.00	34.34 0.47 0.00	37.06 0.66 0.00	39.59 0.04 0.00	40.46 0.00 0.00	42.19 -0.69 0.00	38.92 0.31 0.00	34.33 0.51 0.00	28.27 0.28 0.00	25.27 0.15 0.00	23.00 0.09 0.00
MECO____69_KV_BK1 80468	23.54 2.20 0.00	22.34 2.23 0.00	20.83 2.10 0.00	19.93 1.88 0.00	20.37 1.94 0.00	22.33 2.43 0.00	28.41 2.75 -0.46	30.71 3.28 -0.75	28.67 2.92 -1.02	26.56 2.39 -0.48	28.60 2.34 -0.82	28.64 2.31 -0.90	28.67 2.32 -1.42	34.14 3.11 -0.57	37.32 3.59 0.13	40.73 4.15 -0.17	46.57 5.74 -1.28	52.01 6.43 -5.12	54.11 7.46 -3.77	46.48 6.25 -1.61	39.25 5.28 -0.15	32.39 4.14 -0.25	28.49 3.37 0.00	25.61 2.70 0.00
MENANDS_115KV_TB5 355628	21.74 0.41 0.00	20.45 0.34 0.00	19.13 0.39 0.00	18.54 0.49 0.00	18.92 0.48 0.00	20.26 0.36 0.00	26.29 0.60 -0.48	28.27 0.80 -0.79	26.55 0.74 -1.08	24.88 0.69 -0.51	26.94 0.64 -0.87	27.01 0.64 -0.94	26.95 0.52 -1.50	31.69 0.64 -0.58	34.40 0.75 0.21	37.30 0.76 -0.13	41.99 1.07 -1.36	47.28 1.38 -5.45	48.44 1.54 -4.02	41.60 1.27 -1.71	35.10 1.12 -0.16	29.18 0.92 -0.26	26.05 0.93 0.00	23.50 0.60 0.00
MG INDUSTRY___DRP 24185	21.87 0.53 0.00	20.57 0.46 0.00	19.26 0.52 0.00	18.63 0.58 0.00	19.01 0.57 0.00	20.36 0.46 0.00	26.27 0.63 -0.44	28.22 0.83 -0.72	26.47 0.77 -0.98	24.86 0.71 -0.46	26.91 0.69 -0.79	26.95 0.66 -0.86	26.33 -0.05 -1.45	31.09 -0.06 -0.68	33.85 0.00 0.02	36.62 -0.07 -0.29	41.20 0.20 -1.45	46.54 0.49 -5.60	47.62 0.64 -4.11	40.84 0.50 -1.72	34.45 0.47 -0.15	28.65 0.39 -0.26	26.15 1.03 0.00	23.64 0.73 0.00
MID___OSWEGATCHIE_HYD 23849	21.53 0.19 0.00	20.35 0.24 0.00	18.92 0.19 0.00	18.25 0.20 0.00	18.64 0.20 0.00	20.20 0.30 0.00	25.53 0.33 0.00	27.08 0.40 0.00	24.98 0.25 0.00	23.85 0.17 0.00	25.69 0.25 0.00	25.71 0.28 0.00	25.20 0.27 0.00	30.89 0.43 0.00	34.41 0.54 0.00	37.14 0.73 0.00	40.15 0.59 0.00	41.10 0.65 0.00	43.09 0.21 0.00	39.31 0.69 0.00	34.47 0.64 0.00	28.44 0.45 0.00	25.45 0.33 0.00	23.18 0.27 0.00
MID___RAQUETTE_HYD 23851	21.25 -0.09 0.00	20.17 0.06 0.00	18.77 0.04 0.00	18.09 0.04 0.00	18.47 0.04 0.00	20.02 0.12 0.00	25.20 0.00 0.00	26.68 0.00 0.00	24.68 -0.05 0.00	23.61 -0.07 0.00	25.43 0.00 0.00	25.46 0.03 0.00	24.95 0.02 0.00	30.56 0.09 0.00	34.03 0.17 0.00	36.74 0.33 0.00	39.24 -0.32 0.00	39.97 -0.49 0.00	41.42 -1.46 0.00	38.22 -0.39 0.00	33.76 -0.07 0.00	27.94 -0.06 0.00	25.02 -0.10 0.00	22.77 -0.14 0.00
MILLIKEN___1 23584	21.94 0.60 0.00	20.59 0.48 0.00	19.09 0.36 0.00	18.33 0.27 0.00	18.71 0.28 0.00	20.40 0.50 0.00	25.90 0.71 0.00	27.40 0.72 0.00	25.30 0.57 0.00	24.21 0.52 0.00	25.99 0.56 0.00	25.97 0.53 0.00	25.50 0.57 0.00	31.20 0.73 0.00	34.74 0.88 0.00	37.50 1.09 0.00	41.45 1.90 0.00	42.56 2.10 0.00	45.28 2.40 0.00	40.39 1.78 0.00	34.94 1.12 0.00	28.86 0.87 0.00	25.85 0.73 0.00	23.71 0.80 0.00
MILLIKEN___2 23585	21.94 0.60 0.00	20.59 0.48 0.00	19.09 0.36 0.00	18.33 0.27 0.00	18.71 0.28 0.00	20.40 0.50 0.00	25.90 0.71 0.00	27.40 0.72 0.00	25.30 0.57 0.00	24.21 0.52 0.00	25.99 0.56 0.00	25.97 0.53 0.00	25.50 0.57 0.00	31.20 0.73 0.00	34.74 0.88 0.00	37.50 1.09 0.00	41.45 1.90 0.00	42.56 2.10 0.00	45.28 2.40 0.00	40.39 1.78 0.00	34.94 1.12 0.00	28.86 0.87 0.00	25.85 0.73 0.00	23.71 0.80 0.00
MILLIKEN___DIESEL 23629	21.94 0.60 0.00	20.59 0.48 0.00	19.09 0.36 0.00	18.33 0.27 0.00	18.71 0.28 0.00	20.40 0.50 0.00	25.90 0.71 0.00	27.40 0.72 0.00	25.30 0.57 0.00	24.21 0.52 0.00	25.99 0.56 0.00	25.97 0.53 0.00	25.50 0.57 0.00	31.20 0.73 0.00	34.74 0.88 0.00	37.50 1.09 0.00	41.45 1.90 0.00	42.56 2.10 0.00	45.28 2.40 0.00	40.39 1.78 0.00	34.94 1.12 0.00	28.86 0.87 0.00	25.85 0.73 0.00	23.71 0.80 0.00

MILLSEAT___LFGE 323607	21.98 0.64 0.00	20.57 0.46 0.00	18.77 0.04 0.00	18.11 0.05 0.00	18.38 -0.06 0.00	20.06 0.16 0.00	25.40 0.20 0.00	26.76 0.08 0.00	24.90 0.17 0.00	23.95 0.26 0.00	25.61 0.18 0.00	25.66 0.23 0.00	25.42 0.50 0.00	30.95 0.49 0.00	34.91 1.05 0.00	36.95 0.55 0.00	41.45 1.90 0.00	42.32 1.86 0.00	45.36 2.49 0.00	39.54 0.93 0.00	33.42 -0.40 0.00	27.30 -0.70 0.00	24.72 -0.40 0.00	23.09 0.18 0.00
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	22.40 1.07 0.00	20.93 0.82 0.00	19.50 0.77 0.00	18.83 0.78 0.00	19.23 0.79 0.00	20.70 0.80 0.00	28.20 1.49 -1.51	30.88 1.73 -2.47	29.89 1.81 -3.35	26.99 1.73 -1.58	29.96 1.83 -2.70	30.17 1.81 -2.94	31.20 1.84 -4.43	34.93 2.25 -2.21	37.93 2.47 -1.59	41.29 2.66 -2.22	46.36 3.12 -3.68	58.22 3.32 -14.45	57.22 3.56 -10.78	46.40 3.05 -4.74	36.65 2.33 -0.49	30.83 2.10 -0.74	26.93 1.81 0.00	24.26 1.35 0.00
MILLWOOD_13_KV_LOAD 356217	22.45 1.11 0.00	20.97 0.86 0.00	19.54 0.81 0.00	18.87 0.81 0.00	19.27 0.83 0.00	20.74 0.84 0.00	28.25 1.54 -1.51	30.93 1.79 -2.47	29.94 1.85 -3.35	27.04 1.78 -1.58	30.07 1.93 -2.70	30.28 1.91 -2.94	31.30 1.94 -4.43	35.05 2.38 -2.21	38.10 2.64 -1.59	41.47 2.84 -2.22	46.56 3.32 -3.68	58.47 3.56 -14.45	57.47 3.82 -10.78	46.63 3.28 -4.74	36.82 2.50 -0.49	31.00 2.27 -0.74	26.98 1.86 0.00	24.30 1.40 0.00
MODEL_CITY_ENERGY 24167	21.47 0.13 0.00	20.09 -0.02 0.00	18.32 -0.41 0.00	17.68 -0.38 0.00	17.92 -0.52 0.00	19.55 -0.36 0.00	24.69 -0.50 0.00	25.96 -0.72 0.00	24.21 -0.52 0.00	23.35 -0.33 0.00	24.95 -0.48 0.00	24.98 -0.46 0.00	24.72 -0.20 0.00	30.04 -0.43 0.00	33.86 0.00 0.00	35.79 -0.62 0.00	40.07 0.51 0.00	40.86 0.40 0.00	43.78 0.90 0.00	38.07 -0.54 0.00	32.14 -1.69 0.00	26.29 -1.71 0.00	23.91 -1.21 0.00	22.45 -0.46 0.00
MODERN_LFGE___ 323580	21.47 0.13 0.00	20.09 -0.02 0.00	18.32 -0.41 0.00	17.68 -0.38 0.00	17.92 -0.52 0.00	19.55 -0.36 0.00	24.69 -0.50 0.00	25.96 -0.72 0.00	24.21 -0.52 0.00	23.35 -0.33 0.00	24.95 -0.48 0.00	24.98 -0.46 0.00	24.72 -0.20 0.00	30.04 -0.43 0.00	33.86 0.00 0.00	35.79 -0.62 0.00	40.07 0.51 0.00	40.86 0.40 0.00	43.78 0.90 0.00	38.07 -0.54 0.00	32.14 -1.69 0.00	26.29 -1.71 0.00	23.91 -1.21 0.00	22.45 -0.46 0.00
MOHAWK_PAPER___DRP 24187	21.87 0.53 0.00	20.57 0.46 0.00	19.24 0.51 0.00	18.63 0.58 0.00	19.01 0.57 0.00	20.38 0.48 0.00	26.46 0.78 -0.48	28.49 1.01 -0.80	26.77 0.96 -1.08	25.07 0.88 -0.51	27.14 0.84 -0.87	27.19 0.81 -0.95	27.15 0.72 -1.50	31.93 0.88 -0.59	34.70 1.05 0.21	37.62 1.09 -0.12	42.47 1.54 -1.37	47.79 1.86 -5.47	49.01 2.10 -4.03	42.07 1.74 -1.72	35.51 1.52 -0.16	29.46 1.20 -0.26	26.28 1.16 0.00	23.69 0.78 0.00
MOHICAN___35_KV_115KV_LD 80490	22.32 0.98 0.00	20.91 0.80 0.00	19.54 0.81 0.00	18.90 0.85 0.00	19.41 0.98 0.00	20.94 1.04 0.00	27.01 1.34 -0.47	29.16 1.71 -0.78	27.39 1.61 -1.05	25.63 1.44 -0.50	27.73 1.45 -0.85	27.75 1.40 -0.92	27.61 1.22 -1.46	32.55 1.52 -0.56	35.38 1.73 0.21	38.45 1.93 -0.11	43.40 2.53 -1.31	48.71 2.99 -5.26	50.53 3.77 -3.88	43.43 3.17 -1.66	36.85 2.88 -0.15	30.46 2.21 -0.25	26.95 1.83 0.00	24.33 1.42 0.00
MONGAUP___HYD 23641	22.38 1.05 0.00	20.93 0.82 0.00	19.46 0.73 0.00	18.71 0.65 0.00	19.03 0.59 0.00	20.54 0.64 0.00	25.00 1.13 1.33	25.77 1.25 2.16	23.16 1.36 2.92	23.61 1.30 1.38	24.43 1.35 2.35	24.22 1.35 2.56	20.66 1.37 5.64	28.38 1.64 3.73	34.69 1.63 0.80	36.30 1.82 1.93	34.65 2.49 7.39	14.39 3.07 29.14	25.03 2.96 20.80	32.99 2.47 8.09	35.26 1.86 0.43	28.60 1.79 1.19	26.63 1.51 0.00	24.14 1.24 0.00
MONTAUK___DIESEL 23721	32.19 3.05 -7.81	37.79 2.51 -15.17	26.55 2.32 -5.49	22.67 2.18 -2.43	23.04 2.29 -2.31	26.10 2.45 -3.75	40.05 4.03 -10.82	42.92 4.37 -11.87	42.82 4.28 -13.82	39.98 4.07 -12.22	37.33 4.20 -7.70	38.03 4.15 -8.45	39.15 4.06 -10.16	41.50 4.72 -6.31	64.09 5.49 -24.74	48.39 5.93 -6.05	65.89 6.76 -19.58	80.11 7.00 -32.66	114.33 7.46 -63.99	135.27 6.49 -90.17	134.66 5.38 -95.45	48.50 4.54 -15.97	39.75 4.12 -10.51	36.99 3.46 -10.63
MOONROAD_115KV_HARTFLD_TB1-2 355988	22.58 1.24 0.00	21.09 0.99 0.00	19.07 0.34 0.00	17.88 -0.18 0.00	18.22 -0.22 0.00	20.52 0.62 0.00	26.18 0.98 0.00	27.56 0.88 0.00	25.79 1.06 0.00	25.01 1.33 0.00	26.81 1.37 0.00	26.86 1.42 0.00	26.59 1.67 0.00	32.54 2.07 0.00	35.76 1.90 0.00	38.30 1.89 0.00	43.31 3.76 0.00	44.22 3.76 0.00	47.29 4.42 0.00	40.70 2.08 0.00	34.03 0.20 0.00	27.66 -0.34 0.00	24.82 -0.30 0.00	23.23 0.32 0.00
MORTIMER_115KV_TB3 55949	21.55 0.21 0.00	20.23 0.12 0.00	18.60 -0.13 0.00	17.68 -0.38 0.00	18.07 -0.37 0.00	19.91 0.00 0.00	25.27 0.08 0.00	26.70 0.03 0.00	24.75 0.02 0.00	23.73 0.05 0.00	25.53 0.10 0.00	25.59 0.15 0.00	25.22 0.30 0.00	30.74 0.27 0.00	34.00 0.14 0.00	36.55 0.15 0.00	40.74 1.19 0.00	41.59 1.13 0.00	44.46 1.59 0.00	39.31 0.69 0.00	33.73 -0.10 0.00	27.77 -0.22 0.00	24.97 -0.15 0.00	23.04 0.14 0.00
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	22.58 1.24 0.00	21.05 0.94 0.00	19.61 0.88 0.00	18.92 0.87 0.00	19.32 0.89 0.00	20.82 0.92 0.00	28.36 1.71 -1.45	31.02 1.97 -2.37	30.00 2.05 -3.22	27.19 1.99 -1.52	30.11 2.09 -2.59	30.34 2.09 -2.82	31.30 2.12 -4.26	35.16 2.56 -2.14	38.21 2.78 -1.57	41.49 2.91 -2.17	46.46 3.36 -3.54	57.92 3.56 -13.90	57.02 3.77 -10.37	46.41 3.24 -4.55	36.80 2.50 -0.47	31.03 2.32 -0.71	27.15 2.03 0.00	24.44 1.53 0.00
MUNSVILLE_WIND_PWR 323609	23.09 1.75 0.00	21.63 1.53 0.00	20.01 1.27 0.00	19.36 1.30 0.00	19.78 1.35 0.00	21.54 1.63 0.00	27.42 2.22 0.00	28.96 2.51 0.22	26.38 1.95 0.30	25.30 1.75 0.14	27.15 1.96 0.24	27.13 1.96 0.26	26.87 1.95 0.00	33.17 2.71 0.00	37.15 3.28 0.00	40.19 3.79 0.00	44.66 5.10 0.00	46.24 5.78 0.00	49.47 6.60 0.00	43.94 5.33 0.00	37.68 3.85 0.00	30.66 2.66 0.00	27.33 2.21 0.00	24.95 2.04 0.00
N SALMON___HYD 24042	21.51 0.17 0.00	20.35 0.24 0.00	18.96 0.23 0.00	18.29 0.23 0.00	18.70 0.26 0.00	20.28 0.38 0.00	25.60 0.40 0.00	27.08 0.40 0.00	25.17 0.45 0.00	24.09 0.40 0.00	25.94 0.51 0.00	25.97 0.53 0.00	25.45 0.52 0.00	31.10 0.64 0.00	34.61 0.74 0.00	37.35 0.95 0.00	40.23 0.67 0.00	40.74 0.29 0.00	43.00 0.13 0.00	39.15 0.54 0.00	34.40 0.57 0.00	28.11 0.11 0.00	24.99 -0.12 0.00	22.68 -0.23 0.00
N.AKRON___115KV_KNAPP 355671	21.83 0.49 0.00	20.47 0.36 0.00	18.64 -0.09 0.00	17.44 -0.61 0.00	17.79 -0.65 0.00	20.01 0.10 0.00	25.37 0.18 0.00	26.57 -0.11 0.00	24.75 0.02 0.00	23.80 0.12 0.00	25.53 0.10 0.00	25.59 0.15 0.00	25.35 0.42 0.00	30.83 0.37 0.00	33.90 0.03 0.00	36.33 -0.07 0.00	41.14 1.58 0.00	41.95 1.50 0.00	45.06 2.19 0.00	39.23 0.62 0.00	33.15 -0.68 0.00	27.21 -0.78 0.00	24.54 -0.58 0.00	23.07 0.16 0.00

N.BELMOR_69_KV_BK1 55787	23.19 1.79 -0.06	21.67 1.43 -0.13	20.10 1.33 -0.03	19.24 1.17 -0.01	19.69 1.24 -0.01	21.32 1.39 -0.02	29.05 2.32 -1.54	31.69 2.56 -2.46	30.60 2.57 -3.30	27.79 2.49 -1.61	30.59 2.54 -2.62	30.82 2.54 -2.85	31.75 2.54 -4.28	35.53 2.92 -2.14	38.85 3.42 -1.57	42.16 3.57 -2.18	50.91 4.11 -7.25	58.63 4.29 -13.88	57.82 4.59 -10.36	47.98 3.98 -5.39	37.80 3.11 -0.86	33.12 2.86 -2.27	29.56 2.61 -1.83	25.07 2.06 -0.10
N.E_GEN_SANDY PD 24062	22.00 0.66 0.00	20.69 0.58 0.00	19.31 0.58 0.00	18.58 0.52 0.00	18.97 0.55 0.02	20.52 0.60 -0.02	27.00 1.03 -0.77	29.17 1.23 -1.26	27.60 1.16 -1.71	25.61 1.11 -0.81	27.88 1.07 -1.38	27.98 1.04 -1.50	28.31 1.02 -2.36	31.90 1.22 -0.22	32.60 1.25 2.52	36.20 1.46 1.67	43.40 1.82 -2.03	50.90 2.14 -8.30	51.16 2.14 -6.14	42.61 1.89 -2.11	36.19 1.59 -0.78	29.80 1.40 -0.41	26.40 1.28 0.00	23.80 0.89 0.00
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	22.32 0.98 0.00	20.85 0.74 0.00	19.43 0.69 0.00	18.74 0.69 0.00	19.12 0.68 0.00	20.58 0.68 0.00	24.75 1.31 1.75	25.38 1.55 2.84	22.51 1.63 3.85	23.45 1.59 1.82	23.98 1.65 3.10	23.71 1.65 3.38	25.08 1.69 1.54	34.67 2.07 -2.14	36.35 2.30 -0.19	39.06 2.51 -0.14	46.93 2.97 -4.41	60.04 3.16 -16.43	56.64 3.39 -10.38	43.96 2.86 -2.49	35.43 2.16 0.56	30.20 1.96 -0.25	26.80 1.68 0.00	24.17 1.26 0.00
N.QUEENS_27_KV_LOAD 356247	22.50 1.17 0.02	20.95 0.86 0.02	19.52 0.81 0.02	18.85 0.81 0.02	19.25 0.83 0.02	20.75 0.86 0.02	28.30 1.66 -1.44	30.96 1.92 -2.37	29.99 2.05 -3.21	27.21 2.01 -1.51	30.10 2.09 -2.58	30.33 2.09 -2.81	31.29 2.12 -4.25	35.16 2.56 -2.13	38.20 2.78 -1.56	41.42 2.84 -2.17	46.14 3.05 -3.54	57.71 3.36 -13.90	56.76 3.52 -10.37	46.18 3.01 -4.56	36.77 2.47 -0.47	30.96 2.27 -0.70	27.11 2.01 0.02	24.38 1.49 0.02
N.TROY___115KV_TB1 355778	22.02 0.68 0.00	20.71 0.60 0.00	19.35 0.62 0.00	18.71 0.65 0.00	19.12 0.68 0.00	20.54 0.64 0.00	26.62 0.93 -0.49	28.63 1.15 -0.81	26.88 1.06 -1.09	25.17 0.97 -0.52	27.25 0.94 -0.88	27.31 0.92 -0.96	27.29 0.85 -1.52	32.05 1.04 -0.55	34.70 1.15 0.32	37.68 1.24 -0.03	42.54 1.62 -1.36	47.83 1.90 -5.47	49.10 2.19 -4.04	42.19 1.85 -1.72	35.61 1.62 -0.16	29.60 1.34 -0.26	26.35 1.23 0.00	23.78 0.87 0.00
NARROWS_GT1_1 24228	22.71 1.37 -0.01	21.20 1.08 -0.01	19.73 0.99 -0.01	18.93 0.87 -0.01	19.33 0.88 -0.01	20.97 1.05 -0.01	28.57 1.91 -1.46	34.00 2.16 -5.16	38.07 2.25 -11.09	38.06 2.23 -12.15	38.10 2.34 -10.33	38.38 2.37 -10.58	38.63 2.39 -11.31	39.01 2.95 -5.60	38.82 3.11 -1.84	41.86 3.28 -2.17	46.58 3.48 -3.54	58.24 3.88 -13.90	57.32 4.08 -10.37	46.64 3.48 -4.56	37.04 2.74 -0.47	33.11 2.57 -2.54	27.36 2.23 -0.01	24.61 1.70 -0.01
NARROWS_GT1_2 24229	22.71 1.37 -0.01	21.20 1.08 -0.01	19.73 0.99 -0.01	18.93 0.87 -0.01	19.33 0.88 -0.01	20.97 1.05 -0.01	28.57 1.91 -1.46	34.00 2.16 -5.16	38.07 2.25 -11.09	38.06 2.23 -12.15	38.10 2.34 -10.33	38.38 2.37 -10.58	38.63 2.39 -11.31	39.01 2.95 -5.60	38.82 3.11 -1.84	41.86 3.28 -2.17	46.58 3.48 -3.54	58.24 3.88 -13.90	57.32 4.08 -10.37	46.64 3.48 -4.56	37.04 2.74 -0.47	33.11 2.57 -2.54	27.36 2.23 -0.01	24.61 1.70 -0.01
NARROWS_GT1_3 24230	22.71 1.37 -0.01	21.20 1.08 -0.01	19.73 0.99 -0.01	18.93 0.87 -0.01	19.33 0.88 -0.01	20.97 1.05 -0.01	28.57 1.91 -1.46	34.00 2.16 -5.16	38.07 2.25 -11.09	38.06 2.23 -12.15	38.10 2.34 -10.33	38.38 2.37 -10.58	38.63 2.39 -11.31	39.01 2.95 -5.60	38.82 3.11 -1.84	41.86 3.28 -2.17	46.58 3.48 -3.54	58.24 3.88 -13.90	57.32 4.08 -10.37	46.64 3.48 -4.56	37.04 2.74 -0.47	33.11 2.57 -2.54	27.36 2.23 -0.01	24.61 1.70 -0.01
NARROWS_GT1_4 24231	22.71 1.37 -0.01	21.20 1.08 -0.01	19.73 0.99 -0.01	18.93 0.87 -0.01	19.33 0.88 -0.01	20.97 1.05 -0.01	28.57 1.91 -1.46	34.00 2.16 -5.16	38.07 2.25 -11.09	38.06 2.23 -12.15	38.10 2.34 -10.33	38.38 2.37 -10.58	38.63 2.39 -11.31	39.01 2.95 -5.60	38.82 3.11 -1.84	41.86 3.28 -2.17	46.58 3.48 -3.54	58.24 3.88 -13.90	57.32 4.08 -10.37	46.64 3.48 -4.56	37.04 2.74 -0.47	33.11 2.57 -2.54	27.36 2.23 -0.01	24.61 1.70 -0.01
NARROWS_GT1_5 24232	22.71 1.37 -0.01	21.20 1.08 -0.01	19.73 0.99 -0.01	18.93 0.87 -0.01	19.33 0.88 -0.01	20.97 1.05 -0.01	28.57 1.91 -1.46	34.00 2.16 -5.16	38.07 2.25 -11.09	38.06 2.23 -12.15	38.10 2.34 -10.33	38.38 2.37 -10.58	38.63 2.39 -11.31	39.01 2.95 -5.60	38.82 3.11 -1.84	41.86 3.28 -2.17	46.58 3.48 -3.54	58.24 3.88 -13.90	57.32 4.08 -10.37	46.64 3.48 -4.56	37.04 2.74 -0.47	33.11 2.57 -2.54	27.36 2.23 -0.01	24.61 1.70 -0.01
NARROWS_GT1_6 24233	22.71 1.37 -0.01	21.20 1.08 -0.01	19.73 0.99 -0.01	18.93 0.87 -0.01	19.33 0.88 -0.01	20.97 1.05 -0.01	28.57 1.91 -1.46	34.00 2.16 -5.16	38.07 2.25 -11.09	38.06 2.23 -12.15	38.10 2.34 -10.33	38.38 2.37 -10.58	38.63 2.39 -11.31	39.01 2.95 -5.60	38.82 3.11 -1.84	41.86 3.28 -2.17	46.58 3.48 -3.54	58.24 3.88 -13.90	57.32 4.08 -10.37	46.64 3.48 -4.56	37.04 2.74 -0.47	33.11 2.57 -2.54	27.36 2.23 -0.01	24.61 1.70 -0.01
NARROWS_GT1_7 24234	22.71 1.37 -0.01	21.20 1.08 -0.01	19.73 0.99 -0.01	18.93 0.87 -0.01	19.33 0.88 -0.01	20.97 1.05 -0.01	28.57 1.91 -1.46	34.00 2.16 -5.16	38.07 2.25 -11.09	38.06 2.23 -12.15	38.10 2.34 -10.33	38.38 2.37 -10.58	38.63 2.39 -11.31	39.01 2.95 -5.60	38.82 3.11 -1.84	41.86 3.28 -2.17	46.58 3.48 -3.54	58.24 3.88 -13.90	57.32 4.08 -10.37	46.64 3.48 -4.56	37.04 2.74 -0.47	33.11 2.57 -2.54	27.36 2.23 -0.01	24.61 1.70 -0.01
NARROWS_GT1_8 24235	22.71 1.37 -0.01	21.20 1.08 -0.01	19.73 0.99 -0.01	18.93 0.87 -0.01	19.33 0.88 -0.01	20.97 1.05 -0.01	28.57 1.91 -1.46	34.00 2.16 -5.16	38.07 2.25 -11.09	38.06 2.23 -12.15	38.10 2.34 -10.33	38.38 2.37 -10.58	38.63 2.39 -11.31	39.01 2.95 -5.60	38.82 3.11 -1.84	41.86 3.28 -2.17	46.58 3.48 -3.54	58.24 3.88 -13.90	57.32 4.08 -10.37	46.64 3.48 -4.56	37.04 2.74 -0.47	33.11 2.57 -2.54	27.36 2.23 -0.01	24.61 1.70 -0.01
NARROWS_GT2_1 24236	22.71 1.37 -0.01	21.20 1.08 -0.01	19.73 0.99 -0.01	18.93 0.87 -0.01	19.33 0.88 -0.01	20.97 1.05 -0.01	28.57 1.91 -1.46	34.00 2.16 -5.16	38.07 2.25 -11.09	38.06 2.23 -12.15	38.10 2.34 -10.33	38.38 2.37 -10.58	38.63 2.39 -11.31	39.01 2.95 -5.60	38.82 3.11 -1.84	41.86 3.28 -2.17	46.58 3.48 -3.54	58.24 3.88 -13.90	57.32 4.08 -10.37	46.64 3.48 -4.56	37.04 2.74 -0.47	33.11 2.57 -2.54	27.36 2.23 -0.01	24.61 1.70 -0.01
NARROWS_GT2_2 24237	22.71 1.37 -0.01	21.20 1.08 -0.01	19.73 0.99 -0.01	18.93 0.87 -0.01	19.33 0.88 -0.01	20.97 1.05 -0.01	28.57 1.91 -1.46	34.00 2.16 -5.16	38.07 2.25 -11.09	38.06 2.23 -12.15	38.10 2.34 -10.33	38.38 2.37 -10.58	38.63 2.39 -11.31	39.01 2.95 -5.60	38.82 3.11 -1.84	41.86 3.28 -2.17	46.58 3.48 -3.54	58.24 3.88 -13.90	57.32 4.08 -10.37	46.64 3.48 -4.56	37.04 2.74 -0.47	33.11 2.57 -2.54	27.36 2.23 -0.01	24.61 1.70 -0.01

NARROWS_GT2_3 24238	22.71 1.37 -0.01	21.20 1.08 -0.01	19.73 0.99 -0.01	18.93 0.87 -0.01	19.33 0.88 -0.01	20.97 1.05 -0.01	28.57 1.91 -1.46	34.00 2.16 -5.16	38.07 2.25 -11.09	38.06 2.23 -12.15	38.10 2.34 -10.33	38.38 2.37 -10.58	38.63 2.39 -11.31	39.01 2.95 -5.60	38.82 3.11 -1.84	41.86 3.28 -2.17	46.58 3.48 -3.54	58.24 3.88 -13.90	57.32 4.08 -10.37	46.64 3.48 -4.56	37.04 2.74 -0.47	33.11 2.57 -2.54	27.36 2.23 -0.01	24.61 1.70 -0.01
NARROWS_GT2_4 24239	22.71 1.37 -0.01	21.20 1.08 -0.01	19.73 0.99 -0.01	18.93 0.87 -0.01	19.33 0.88 -0.01	20.97 1.05 -0.01	28.57 1.91 -1.46	34.00 2.16 -5.16	38.07 2.25 -11.09	38.06 2.23 -12.15	38.10 2.34 -10.33	38.38 2.37 -10.58	38.63 2.39 -11.31	39.01 2.95 -5.60	38.82 3.11 -1.84	41.86 3.28 -2.17	46.58 3.48 -3.54	58.24 3.88 -13.90	57.32 4.08 -10.37	46.64 3.48 -4.56	37.04 2.74 -0.47	33.11 2.57 -2.54	27.36 2.23 -0.01	24.61 1.70 -0.01
NARROWS_GT2_5 24240	22.71 1.37 -0.01	21.20 1.08 -0.01	19.73 0.99 -0.01	18.93 0.87 -0.01	19.33 0.88 -0.01	20.97 1.05 -0.01	28.57 1.91 -1.46	34.00 2.16 -5.16	38.07 2.25 -11.09	38.06 2.23 -12.15	38.10 2.34 -10.33	38.38 2.37 -10.58	38.63 2.39 -11.31	39.01 2.95 -5.60	38.82 3.11 -1.84	41.86 3.28 -2.17	46.58 3.48 -3.54	58.24 3.88 -13.90	57.32 4.08 -10.37	46.64 3.48 -4.56	37.04 2.74 -0.47	33.11 2.57 -2.54	27.36 2.23 -0.01	24.61 1.70 -0.01
NARROWS_GT2_6 24241	22.71 1.37 -0.01	21.20 1.08 -0.01	19.73 0.99 -0.01	18.93 0.87 -0.01	19.33 0.88 -0.01	20.97 1.05 -0.01	28.57 1.91 -1.46	34.00 2.16 -5.16	38.07 2.25 -11.09	38.06 2.23 -12.15	38.10 2.34 -10.33	38.38 2.37 -10.58	38.63 2.39 -11.31	39.01 2.95 -5.60	38.82 3.11 -1.84	41.86 3.28 -2.17	46.58 3.48 -3.54	58.24 3.88 -13.90	57.32 4.08 -10.37	46.64 3.48 -4.56	37.04 2.74 -0.47	33.11 2.57 -2.54	27.36 2.23 -0.01	24.61 1.70 -0.01
NARROWS_GT2_7 24242	22.71 1.37 -0.01	21.20 1.08 -0.01	19.73 0.99 -0.01	18.93 0.87 -0.01	19.33 0.88 -0.01	20.97 1.05 -0.01	28.57 1.91 -1.46	34.00 2.16 -5.16	38.07 2.25 -11.09	38.06 2.23 -12.15	38.10 2.34 -10.33	38.38 2.37 -10.58	38.63 2.39 -11.31	39.01 2.95 -5.60	38.82 3.11 -1.84	41.86 3.28 -2.17	46.58 3.48 -3.54	58.24 3.88 -13.90	57.32 4.08 -10.37	46.64 3.48 -4.56	37.04 2.74 -0.47	33.11 2.57 -2.54	27.36 2.23 -0.01	24.61 1.70 -0.01
NARROWS_GT2_8 24243	22.71 1.37 -0.01	21.20 1.08 -0.01	19.73 0.99 -0.01	18.93 0.87 -0.01	19.33 0.88 -0.01	20.97 1.05 -0.01	28.57 1.91 -1.46	34.00 2.16 -5.16	38.07 2.25 -11.09	38.06 2.23 -12.15	38.10 2.34 -10.33	38.38 2.37 -10.58	38.63 2.39 -11.31	39.01 2.95 -5.60	38.82 3.11 -1.84	41.86 3.28 -2.17	46.58 3.48 -3.54	58.24 3.88 -13.90	57.32 4.08 -10.37	46.64 3.48 -4.56	37.04 2.74 -0.47	33.11 2.57 -2.54	27.36 2.23 -0.01	24.61 1.70 -0.01
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	22.13 0.79 0.00	20.75 0.64 0.00	19.41 0.67 0.00	18.85 0.79 0.00	19.14 0.70 0.00	20.44 0.54 0.00	26.25 0.71 -0.34	28.10 0.85 -0.57	26.29 0.79 -0.77	24.71 0.66 -0.36	26.64 0.58 -0.62	26.64 0.53 -0.68	26.66 0.35 -1.39	31.77 0.46 -0.85	34.60 0.64 -0.09	37.63 0.84 -0.38	42.63 1.34 -1.73	48.51 1.78 -6.28	49.60 2.19 -4.54	42.23 1.78 -1.84	35.61 1.66 -0.13	29.53 1.26 -0.28	26.48 1.36 0.00	23.89 0.99 0.00
NCHELSEA_115KV_TR2 355582	22.58 1.24 0.00	21.07 0.97 0.00	19.63 0.90 0.00	18.96 0.90 0.00	19.29 0.85 0.00	20.74 0.84 0.00	26.92 1.46 -0.26	28.76 1.65 -0.44	27.02 1.71 -0.59	25.60 1.63 -0.28	27.61 1.70 -0.48	27.63 1.68 -0.52	28.69 1.77 -2.00	34.66 2.19 -2.00	37.34 2.51 -0.97	40.52 2.80 -1.31	46.49 3.32 -3.62	57.50 3.44 -13.61	56.19 3.77 -9.54	45.33 3.20 -3.52	36.46 2.54 -0.10	30.74 2.24 -0.50	27.00 1.88 0.00	24.35 1.44 0.00
NEG CAPITAL___MECHNVIL 23645	22.28 0.94 0.00	20.95 0.84 0.00	19.56 0.82 0.00	18.85 0.79 0.00	19.29 0.85 0.00	20.82 0.92 0.00	26.99 1.31 -0.48	28.98 1.52 -0.79	27.25 1.46 -1.07	25.54 1.35 -0.50	27.61 1.32 -0.86	27.66 1.30 -0.93	27.63 1.22 -1.48	32.51 1.49 -0.56	35.27 1.66 0.26	38.42 1.93 -0.08	43.38 2.49 -1.33	48.71 2.91 -5.34	50.11 3.30 -3.94	43.11 2.82 -1.68	36.42 2.44 -0.15	30.18 1.93 -0.26	26.78 1.66 0.00	24.19 1.28 0.00
NEG CENTRAL_HIGH_ACRES 23767	21.17 -0.17 0.00	19.87 -0.24 0.00	18.36 -0.37 0.00	17.68 -0.38 0.00	18.03 -0.41 0.00	19.61 -0.30 0.00	24.82 -0.38 0.00	26.30 -0.37 0.00	24.33 -0.40 0.00	23.30 -0.38 0.00	25.10 -0.33 0.00	25.13 -0.30 0.00	24.75 -0.17 0.00	30.22 -0.24 0.00	33.90 0.03 0.00	36.26 -0.15 0.00	40.19 0.63 0.00	41.10 0.65 0.00	43.73 0.86 0.00	38.84 0.23 0.00	33.42 -0.40 0.00	27.52 -0.48 0.00	24.69 -0.43 0.00	22.70 -0.21 0.00
NEG CENTRAL___DRP 24199	21.59 0.26 0.00	20.29 0.18 0.00	18.75 0.02 0.00	17.95 -0.11 0.00	18.33 -0.11 0.00	20.08 0.18 0.00	25.48 0.28 0.00	26.92 0.24 0.00	24.90 0.17 0.00	23.85 0.17 0.00	25.64 0.20 0.00	25.64 0.20 0.00	25.20 0.27 0.00	30.80 0.34 0.00	34.17 0.30 0.00	36.81 0.40 0.00	40.78 1.23 0.00	41.79 1.34 0.00	44.46 1.59 0.00	39.54 0.93 0.00	34.13 0.30 0.00	28.25 0.25 0.00	25.30 0.18 0.00	23.27 0.37 0.00
NEG CENTRAL___INDECK 23768	22.53 1.19 0.00	21.09 0.98 0.00	19.35 0.62 0.00	18.63 0.58 0.00	18.99 0.55 0.00	20.78 0.87 0.00	26.43 1.23 0.00	28.01 1.33 0.00	25.89 1.16 0.00	24.70 1.02 0.00	26.48 1.04 0.00	26.45 1.02 0.00	26.07 1.15 0.00	31.10 0.64 0.00	35.05 1.18 0.00	37.50 1.09 0.00	42.01 2.45 0.00	43.17 2.71 0.00	46.22 3.35 0.00	40.73 2.12 0.00	34.67 0.85 0.00	28.42 0.42 0.00	26.10 0.98 0.00	24.03 1.12 0.00
NEG CENTRAL___SENECA 23627	21.74 0.41 0.00	20.47 0.36 0.00	18.86 0.13 0.00	17.97 -0.09 0.00	18.36 -0.07 0.00	20.24 0.34 0.00	25.70 0.50 0.00	27.21 0.53 0.00	25.17 0.45 0.00	24.11 0.43 0.00	25.92 0.48 0.00	25.92 0.48 0.00	25.47 0.55 0.00	31.16 0.70 0.00	34.47 0.61 0.00	37.14 0.73 0.00	41.33 1.78 0.00	42.40 1.94 0.00	45.10 2.23 0.00	40.00 1.39 0.00	34.37 0.54 0.00	28.44 0.45 0.00	25.47 0.35 0.00	23.43 0.53 0.00
NEG CENTRAL___STATE_STREET 24147	21.74 0.41 0.00	20.29 0.18 0.00	18.83 0.09 0.00	18.18 0.13 0.00	18.59 0.15 0.00	20.10 0.20 0.00	25.63 0.43 0.00	27.08 0.40 0.00	25.00 0.27 0.00	23.97 0.28 0.00	25.79 0.36 0.00	25.79 0.36 0.00	25.30 0.37 0.00	30.95 0.49 0.00	34.44 0.58 0.00	37.14 0.73 0.00	40.98 1.42 0.00	41.99 1.54 0.00	44.59 1.71 0.00	39.85 1.24 0.00	34.54 0.71 0.00	28.58 0.59 0.00	25.60 0.48 0.00	23.50 0.60 0.00
NEG MILLWOOD___DRP 24198	22.62 1.28 0.00	21.13 1.03 0.00	19.67 0.94 0.00	18.99 0.94 0.00	19.38 0.94 0.00	20.84 0.94 0.00	27.60 1.61 -0.79	29.84 1.87 -1.29	28.41 1.93 -1.76	26.34 1.82 -0.83	28.88 2.03 -1.41	28.98 2.01 -1.54	29.90 2.07 -2.90	34.97 2.56 -1.95	38.00 2.91 -1.23	41.27 3.20 -1.66	46.62 3.72 -3.35	57.28 4.01 -12.82	56.53 4.37 -9.28	46.19 3.82 -3.76	37.03 2.94 -0.26	31.19 2.63 -0.56	27.13 2.01 0.00	24.42 1.51 0.00

NEG NORTH_FLCN_SEA 23793	21.59 0.26 0.00	20.37 0.26 0.00	18.96 0.22 0.00	18.38 0.33 0.00	18.77 0.33 0.00	20.28 0.38 0.00	25.68 0.48 0.00	27.18 0.51 0.00	25.27 0.54 0.00	24.21 0.52 0.00	26.07 0.64 0.00	26.09 0.66 0.00	25.60 0.67 0.00	31.26 0.79 0.00	34.78 0.91 0.00	37.61 1.20 0.00	40.46 0.91 0.00	41.31 0.85 0.00	43.39 0.51 0.00	39.38 0.77 0.00	34.50 0.68 0.00	28.11 0.11 0.00	24.94 -0.18 0.00	22.61 -0.30 0.00
NEG NORTH_KES_CHATEGAY 23792	21.38 0.04 0.00	20.19 0.08 0.00	18.81 0.07 0.00	18.22 0.16 0.00	18.62 0.18 0.00	20.10 0.20 0.00	25.43 0.23 0.00	26.94 0.27 0.00	25.05 0.32 0.00	23.99 0.31 0.00	25.81 0.38 0.00	25.84 0.41 0.00	25.32 0.40 0.00	30.95 0.49 0.00	34.44 0.58 0.00	37.25 0.84 0.00	39.95 0.40 0.00	40.78 0.32 0.00	42.87 0.00 0.00	38.92 0.31 0.00	34.16 0.34 0.00	27.85 -0.14 0.00	24.74 -0.38 0.00	22.40 -0.50 0.00
NEG NORTH___ALICE_FALLS 23915	21.64 0.30 0.00	20.41 0.30 0.00	18.99 0.26 0.00	18.40 0.34 0.00	18.79 0.35 0.00	20.32 0.42 0.00	25.70 0.50 0.00	27.21 0.53 0.00	25.30 0.57 0.00	24.23 0.54 0.00	26.09 0.66 0.00	26.12 0.69 0.00	25.60 0.67 0.00	31.29 0.82 0.00	34.81 0.95 0.00	37.68 1.27 0.00	40.54 0.99 0.00	41.43 0.97 0.00	43.56 0.69 0.00	39.50 0.89 0.00	34.60 0.78 0.00	28.16 0.17 0.00	24.99 -0.13 0.00	22.63 -0.27 0.00
NEG NORTH___LWR_SARANAC 23913	21.64 0.30 0.00	20.41 0.30 0.00	18.99 0.26 0.00	18.40 0.34 0.00	18.79 0.35 0.00	20.32 0.42 0.00	25.70 0.50 0.00	27.21 0.53 0.00	25.30 0.57 0.00	24.23 0.54 0.00	26.09 0.66 0.00	26.12 0.69 0.00	25.60 0.67 0.00	31.29 0.82 0.00	34.81 0.95 0.00	37.68 1.27 0.00	40.54 0.99 0.00	41.43 0.97 0.00	43.56 0.69 0.00	39.50 0.89 0.00	34.60 0.78 0.00	28.16 0.17 0.00	24.99 -0.13 0.00	22.63 -0.27 0.00
NEG NORTH___PLATTSBURG 23628	21.57 0.24 0.00	20.41 0.30 0.00	18.99 0.26 0.00	18.33 0.27 0.00	18.73 0.29 0.00	20.34 0.44 0.00	25.70 0.50 0.00	27.21 0.53 0.00	25.30 0.57 0.00	24.23 0.55 0.00	26.09 0.66 0.00	26.12 0.69 0.00	25.60 0.67 0.00	31.29 0.82 0.00	34.78 0.91 0.00	37.61 1.20 0.00	40.54 0.99 0.00	41.22 0.77 0.00	43.56 0.68 0.00	39.50 0.89 0.00	34.61 0.78 0.00	28.16 0.17 0.00	24.97 -0.15 0.00	22.63 -0.27 0.00
NEG WEST_LEA_LOCKPORT 23791	21.55 0.21 0.00	20.21 0.10 0.00	18.36 -0.37 0.00	17.14 -0.92 0.00	17.50 -0.94 0.00	19.69 -0.22 0.00	25.00 -0.20 0.00	26.01 -0.67 0.00	24.28 -0.45 0.00	23.42 -0.26 0.00	25.10 -0.33 0.00	25.13 -0.31 0.00	24.90 -0.02 0.00	30.25 -0.21 0.00	33.15 -0.71 0.00	35.53 -0.87 0.00	40.19 0.63 0.00	40.98 0.53 0.00	44.03 1.16 0.00	38.19 -0.42 0.00	32.24 -1.59 0.00	26.48 -1.51 0.00	23.96 -1.16 0.00	22.70 -0.21 0.00
NEG WEST___LANCASTR 23811	22.32 0.98 0.00	20.89 0.78 0.00	18.96 0.22 0.00	17.79 -0.27 0.00	18.14 -0.30 0.00	20.38 0.48 0.00	26.00 0.81 0.00	27.13 0.45 0.00	25.37 0.64 0.00	24.49 0.81 0.00	26.25 0.81 0.00	26.27 0.84 0.00	26.00 1.07 0.00	31.74 1.28 0.00	34.91 1.05 0.00	37.46 1.06 0.00	42.28 2.73 0.00	43.17 2.71 0.00	46.26 3.39 0.00	40.08 1.47 0.00	33.76 -0.07 0.00	27.63 -0.36 0.00	24.89 -0.23 0.00	23.57 0.66 0.00
NEG_PENN_ALLEGHNY 23528	21.91 0.58 0.00	20.53 0.42 0.00	19.01 0.28 0.00	18.33 0.27 0.00	18.71 0.28 0.00	20.28 0.38 0.00	25.80 0.60 0.00	27.31 0.64 0.00	25.30 0.57 0.00	24.25 0.57 0.00	26.04 0.61 0.00	26.04 0.61 0.00	25.60 0.67 0.00	31.32 0.85 0.00	34.95 1.08 0.00	37.54 1.13 0.00	41.41 1.86 0.00	42.48 2.02 0.00	45.10 2.23 0.00	40.16 1.55 0.00	34.64 0.81 0.00	28.61 0.62 0.00	25.67 0.55 0.00	23.55 0.64 0.00
NEG___GEN_MONROE 24207	21.57 0.23 0.00	20.25 0.14 0.00	18.60 -0.13 0.00	17.62 -0.43 0.00	18.00 -0.44 0.00	19.87 -0.04 0.00	25.20 0.00 0.00	26.57 -0.11 0.00	24.65 -0.07 0.00	23.66 -0.02 0.00	25.46 0.03 0.00	25.43 0.00 0.00	25.10 0.17 0.00	30.59 0.12 0.00	33.76 -0.10 0.00	36.37 -0.04 0.00	40.58 1.03 0.00	41.43 0.97 0.00	44.33 1.46 0.00	39.19 0.58 0.00	33.56 -0.27 0.00	27.60 -0.39 0.00	24.87 -0.25 0.00	23.07 0.16 0.00
NEPA___ENERGY 23901	22.08 0.75 0.00	20.63 0.52 0.00	18.71 -0.02 0.00	17.57 -0.49 0.00	17.92 -0.52 0.00	20.10 0.20 0.00	25.70 0.50 0.00	27.05 0.37 0.00	25.27 0.54 0.00	24.40 0.71 0.00	26.14 0.71 0.00	26.17 0.74 0.00	25.87 0.95 0.00	31.59 1.13 0.00	34.74 0.88 0.00	37.28 0.87 0.00	42.05 2.49 0.00	42.93 2.47 0.00	45.96 3.09 0.00	39.88 1.27 0.00	33.56 -0.27 0.00	27.52 -0.48 0.00	24.79 -0.33 0.00	23.27 0.37 0.00
NEVERSINK___HYD 23608	22.38 1.05 0.00	20.89 0.78 0.00	19.41 0.67 0.00	18.63 0.58 0.00	18.94 0.50 0.00	20.46 0.56 0.00	26.00 1.13 0.34	27.64 1.41 0.45	25.55 1.43 0.61	24.77 1.37 0.29	26.39 1.45 0.49	26.32 1.42 0.54	26.17 1.47 0.22	32.88 1.86 -0.56	36.21 2.10 -0.25	39.22 2.59 -0.23	43.42 3.00 -0.86	45.63 2.79 -2.39	47.43 3.04 -1.51	41.57 2.59 -0.37	35.67 1.93 0.08	29.77 1.74 -0.04	26.55 1.43 0.00	24.01 1.10 0.00
NEWKRMKL_115KV_TB1 55635	21.64 0.30 0.00	20.35 0.24 0.00	19.03 0.30 0.00	18.47 0.42 0.00	18.82 0.39 0.00	20.16 0.26 0.00	26.13 0.45 -0.48	28.10 0.64 -0.79	26.41 0.62 -1.07	24.76 0.57 -0.50	26.82 0.53 -0.86	26.87 0.51 -0.93	26.81 0.40 -1.49	31.55 0.49 -0.59	34.27 0.58 0.17	37.15 0.58 -0.16	41.78 0.87 -1.36	47.00 1.13 -5.41	48.19 1.33 -3.99	41.39 1.08 -1.70	34.93 0.95 -0.15	29.04 0.78 -0.26	25.92 0.80 0.00	23.39 0.48 0.00
NEWTON___FALLS_HYD 23847	21.53 0.19 0.00	20.35 0.24 0.00	18.92 0.19 0.00	18.25 0.20 0.00	18.64 0.20 0.00	20.20 0.30 0.00	25.53 0.33 0.00	27.08 0.40 0.00	24.98 0.25 0.00	23.85 0.17 0.00	25.69 0.25 0.00	25.71 0.28 0.00	25.20 0.27 0.00	30.89 0.43 0.00	34.41 0.54 0.00	37.14 0.73 0.00	40.15 0.59 0.00	41.10 0.65 0.00	43.09 0.21 0.00	39.31 0.69 0.00	34.47 0.64 0.00	28.44 0.45 0.00	25.45 0.33 0.00	23.18 0.27 0.00
NGRID_A1_DSASP 323792	21.25 -0.09 0.00	19.84 -0.26 0.00	18.10 -0.64 0.00	17.48 -0.58 0.00	17.72 -0.72 0.00	19.29 -0.62 0.00	24.44 -0.76 0.00	25.69 -0.99 0.00	23.99 -0.74 0.00	23.14 -0.54 0.00	24.72 -0.71 0.00	24.75 -0.69 0.00	24.50 -0.42 0.00	29.73 -0.73 0.00	33.49 -0.37 0.00	35.39 -1.02 0.00	39.59 0.04 0.00	40.38 -0.08 0.00	43.22 0.34 0.00	37.57 -1.04 0.00	31.73 -2.10 0.00	26.01 -1.99 0.00	23.69 -1.43 0.00	22.22 -0.69 0.00
NGRID_A2_DSASP 323793	21.25 -0.09 0.00	19.84 -0.26 0.00	18.10 -0.64 0.00	17.48 -0.58 0.00	17.72 -0.72 0.00	19.29 -0.62 0.00	24.44 -0.76 0.00	25.69 -0.99 0.00	23.99 -0.74 0.00	23.14 -0.54 0.00	24.72 -0.71 0.00	24.75 -0.69 0.00	24.50 -0.42 0.00	29.73 -0.73 0.00	33.49 -0.37 0.00	35.39 -1.02 0.00	39.59 0.04 0.00	40.38 -0.08 0.00	43.22 0.34 0.00	37.57 -1.04 0.00	31.73 -2.10 0.00	26.01 -1.99 0.00	23.69 -1.43 0.00	22.22 -0.69 0.00

NGRID_A4_DSASP 323807	21.08 -0.26 0.00	19.76 -0.34 0.00	17.95 -0.79 0.00	16.74 -1.32 0.00	17.09 -1.35 0.00	19.23 -0.68 0.00	24.44 -0.76 0.00	25.58 -1.09 0.00	23.89 -0.84 0.00	23.05 -0.64 0.00	24.69 -0.74 0.00	24.72 -0.71 0.00	24.50 -0.42 0.00	29.70 -0.76 0.00	32.51 -1.35 0.00	34.84 -1.57 0.00	39.40 -0.16 0.00	40.13 -0.32 0.00	43.09 0.21 0.00	37.38 -1.24 0.00	31.56 -2.27 0.00	26.01 -1.99 0.00	23.56 -1.56 0.00	22.22 -0.69 0.00
NIAGARA_115E_LBMP 323715	21.36 0.02 0.00	19.97 -0.14 0.00	18.21 -0.52 0.00	17.59 -0.47 0.00	17.83 -0.61 0.00	19.43 -0.48 0.00	24.54 -0.66 0.00	25.80 -0.88 0.00	24.06 -0.67 0.00	23.21 -0.47 0.00	24.80 -0.63 0.00	24.82 -0.61 0.00	24.58 -0.35 0.00	29.86 -0.61 0.00	33.63 -0.24 0.00	35.53 -0.87 0.00	39.79 0.24 0.00	40.58 0.12 0.00	43.43 0.56 0.00	37.76 -0.85 0.00	31.86 -1.96 0.00	26.12 -1.88 0.00	23.76 -1.36 0.00	22.31 -0.60 0.00
NIAGARA_115W_LBMP 323714	21.19 -0.15 0.00	19.78 -0.32 0.00	18.06 -0.67 0.00	17.42 -0.63 0.00	17.66 -0.77 0.00	19.23 -0.68 0.00	24.37 -0.83 0.00	25.63 -1.04 0.00	23.91 -0.82 0.00	23.07 -0.62 0.00	24.64 -0.79 0.00	24.67 -0.76 0.00	24.43 -0.50 0.00	29.64 -0.82 0.00	33.39 -0.47 0.00	35.28 -1.13 0.00	39.48 -0.08 0.00	40.22 -0.24 0.00	43.05 0.17 0.00	37.45 -1.16 0.00	31.63 -2.20 0.00	25.92 -2.07 0.00	23.61 -1.51 0.00	22.15 -0.76 0.00
NIAGARA_230_LBMP 323716	21.47 0.13 0.00	20.05 -0.06 0.00	18.30 -0.43 0.00	17.66 -0.40 0.00	17.92 -0.52 0.00	19.51 -0.40 0.00	24.72 -0.48 0.00	25.98 -0.69 0.00	24.23 -0.49 0.00	23.38 -0.31 0.00	24.98 -0.46 0.00	25.00 -0.43 0.00	24.75 -0.17 0.00	30.04 -0.43 0.00	33.80 -0.07 0.00	35.75 -0.65 0.00	39.99 0.44 0.00	40.74 0.29 0.00	43.60 0.73 0.00	37.95 -0.66 0.00	32.10 -1.72 0.00	26.32 -1.68 0.00	23.96 -1.16 0.00	22.47 -0.44 0.00
NIAGARA__115KV_198_GIBSON 55903	21.02 -0.32 0.00	19.70 -0.40 0.00	17.89 -0.84 0.00	16.70 -1.35 0.00	17.04 -1.40 0.00	19.17 -0.74 0.00	24.37 -0.83 0.00	25.50 -1.17 0.00	23.81 -0.91 0.00	22.97 -0.71 0.00	24.62 -0.81 0.00	24.64 -0.79 0.00	24.43 -0.50 0.00	29.61 -0.85 0.00	32.41 -1.46 0.00	34.73 -1.67 0.00	39.28 -0.28 0.00	40.01 -0.45 0.00	42.92 0.04 0.00	37.26 -1.35 0.00	31.49 -2.33 0.00	25.92 -2.07 0.00	23.51 -1.61 0.00	22.15 -0.76 0.00
NIAGARA____ 23760	21.47 0.13 0.00	20.05 -0.06 0.00	18.30 -0.43 0.00	17.66 -0.40 0.00	17.92 -0.52 0.00	19.51 -0.40 0.00	24.72 -0.48 0.00	25.98 -0.69 0.00	24.23 -0.49 0.00	23.38 -0.31 0.00	24.98 -0.46 0.00	25.00 -0.43 0.00	24.75 -0.17 0.00	30.04 -0.43 0.00	33.80 -0.07 0.00	35.75 -0.65 0.00	39.99 0.44 0.00	40.74 0.29 0.00	43.60 0.73 0.00	37.95 -0.66 0.00	32.10 -1.72 0.00	26.32 -1.68 0.00	23.96 -1.16 0.00	22.47 -0.44 0.00
NINE_MILE_1 23575	20.93 -0.41 0.00	19.68 -0.42 0.00	18.30 -0.43 0.00	17.64 -0.41 0.00	18.01 -0.42 0.00	19.49 -0.42 0.00	24.57 -0.63 0.00	25.90 -0.77 0.00	23.96 -0.77 0.00	22.95 -0.73 0.00	24.67 -0.76 0.00	24.69 -0.74 0.00	24.20 -0.72 0.00	29.58 -0.88 0.00	32.92 -0.95 0.00	35.39 -1.02 0.00	38.68 -0.87 0.00	39.61 -0.85 0.00	42.02 -0.86 0.00	37.68 -0.93 0.00	32.81 -1.01 0.00	27.16 -0.84 0.00	24.39 -0.73 0.00	22.43 -0.48 0.00
NINE_MILE_2 23744	20.93 -0.41 0.00	19.68 -0.42 0.00	18.30 -0.43 0.00	17.64 -0.41 0.00	18.01 -0.42 0.00	19.49 -0.42 0.00	24.57 -0.63 0.00	25.90 -0.77 0.00	23.96 -0.77 0.00	22.95 -0.73 0.00	24.67 -0.76 0.00	24.69 -0.74 0.00	24.20 -0.72 0.00	29.58 -0.88 0.00	32.92 -0.95 0.00	35.39 -1.02 0.00	38.68 -0.87 0.00	39.61 -0.85 0.00	42.02 -0.86 0.00	37.68 -0.93 0.00	32.81 -1.01 0.00	27.16 -0.84 0.00	24.39 -0.73 0.00	22.43 -0.48 0.00
NM_CAPITAL____DRP 24208	21.68 0.34 0.00	20.41 0.30 0.00	19.09 0.36 0.00	18.51 0.45 0.00	18.88 0.44 0.00	20.22 0.32 0.00	26.21 0.53 -0.48	28.19 0.72 -0.79	26.50 0.69 -1.08	24.81 0.62 -0.51	26.89 0.58 -0.87	26.94 0.56 -0.94	26.88 0.45 -1.51	31.60 0.55 -0.59	34.30 0.64 0.20	37.19 0.66 -0.13	41.87 0.95 -1.37	47.13 1.21 -5.46	48.32 1.41 -4.03	41.48 1.16 -1.72	35.00 1.01 -0.16	29.10 0.84 -0.26	25.97 0.85 0.00	23.43 0.53 0.00
NM_CENTRAL____DRP 24181	21.36 0.02 0.00	20.09 -0.02 0.00	18.64 -0.09 0.00	17.91 -0.14 0.00	18.29 -0.15 0.00	19.89 -0.02 0.00	25.15 -0.05 0.00	26.57 -0.11 0.00	24.58 -0.15 0.00	23.54 -0.14 0.00	25.33 -0.10 0.00	25.33 -0.10 0.00	24.85 -0.07 0.00	30.31 -0.15 0.00	33.69 -0.17 0.00	36.23 -0.18 0.00	39.83 0.28 0.00	40.78 0.32 0.00	43.30 0.43 0.00	38.77 0.15 0.00	33.66 -0.17 0.00	27.88 -0.11 0.00	25.04 -0.08 0.00	23.02 0.11 0.00
NM_FRONTIER____DRP 24179	21.02 -0.32 0.00	19.70 -0.40 0.00	17.89 -0.84 0.00	16.70 -1.35 0.00	17.04 -1.40 0.00	19.17 -0.74 0.00	24.37 -0.83 0.00	25.50 -1.17 0.00	23.81 -0.91 0.00	22.97 -0.71 0.00	24.62 -0.81 0.00	24.64 -0.79 0.00	24.43 -0.50 0.00	29.61 -0.85 0.00	32.41 -1.46 0.00	34.73 -1.67 0.00	39.28 -0.28 0.00	40.01 -0.45 0.00	42.92 0.04 0.00	37.26 -1.35 0.00	31.49 -2.33 0.00	25.92 -2.07 0.00	23.51 -1.61 0.00	22.15 -0.76 0.00
NM_ST_REGIS____HYD 24053	21.32 -0.02 0.00	20.21 0.10 0.00	18.81 0.07 0.00	18.15 0.09 0.00	18.53 0.09 0.00	20.08 0.18 0.00	25.27 0.08 0.00	26.78 0.11 0.00	24.80 0.07 0.00	23.76 0.07 0.00	25.56 0.13 0.00	25.59 0.15 0.00	25.07 0.15 0.00	30.71 0.24 0.00	34.17 0.30 0.00	36.92 0.51 0.00	39.44 -0.12 0.00	40.21 -0.24 0.00	41.80 -1.07 0.00	38.46 -0.15 0.00	33.93 0.10 0.00	27.97 -0.03 0.00	24.99 -0.13 0.00	22.72 -0.18 0.00
NORTHPORT____1 23551	23.15 1.71 -0.10	21.81 1.49 -0.21	20.17 1.37 -0.07	19.09 1.01 -0.03	19.55 1.09 -0.02	21.42 1.47 -0.04	29.31 2.52 -1.59	31.91 2.72 -2.51	30.80 2.72 -3.36	27.99 2.63 -1.67	30.62 2.54 -2.65	30.81 2.49 -2.88	31.62 2.39 -4.31	35.28 2.68 -2.14	38.45 3.01 -1.57	42.05 3.46 -2.18	50.56 3.76 -7.25	58.30 3.97 -13.88	57.31 4.08 -10.36	47.60 3.59 -5.39	37.70 3.01 -0.87	33.01 2.75 -2.27	30.07 2.66 -2.29	25.27 2.20 -0.16
NORTHPORT____2 23552	23.15 1.71 -0.10	21.81 1.49 -0.21	20.17 1.37 -0.07	19.09 1.01 -0.03	19.55 1.09 -0.02	21.42 1.47 -0.04	29.31 2.52 -1.59	31.91 2.72 -2.51	30.80 2.72 -3.36	27.99 2.63 -1.67	30.62 2.54 -2.65	30.81 2.49 -2.88	31.62 2.39 -4.31	35.28 2.68 -2.14	38.45 3.01 -1.57	42.05 3.46 -2.18	50.56 3.76 -7.25	58.30 3.97 -13.88	57.31 4.08 -10.36	47.60 3.59 -5.39	37.70 3.01 -0.87	33.01 2.75 -2.27	30.07 2.66 -2.29	25.27 2.20 -0.16
NORTHPORT____3 23553	23.43 1.86 -0.24	22.20 1.61 -0.49	20.37 1.48 -0.16	19.28 1.16 -0.06	19.70 1.20 -0.06	21.58 1.57 -0.10	29.50 2.54 -1.76	32.15 2.80 -2.68	31.04 2.77 -3.54	28.27 2.72 -1.86	30.94 2.77 -2.74	31.16 2.75 -2.98	31.97 2.72 -4.33	35.31 2.92 -1.92	37.49 3.25 -0.38	42.14 3.72 -2.01	50.32 4.15 -6.61	58.30 4.41 -13.44	57.13 4.63 -9.62	46.86 4.02 -4.23	36.18 3.15 0.80	32.50 2.94 -1.57	30.31 2.74 -2.45	25.52 2.27 -0.35

NORTHPORT___4 23650	23.43 1.86 -0.24	22.20 1.61 -0.49	20.37 1.48 -0.16	19.28 1.16 -0.06	19.70 1.20 -0.06	21.58 1.57 -0.10	29.50 2.54 -1.76	32.15 2.80 -2.68	31.04 2.77 -3.54	28.27 2.72 -1.86	30.94 2.77 -2.74	31.16 2.75 -2.98	31.97 2.72 -4.33	35.31 2.92 -1.92	37.49 3.25 -0.38	42.14 3.72 -2.01	50.32 4.15 -6.61	58.30 4.41 -13.44	57.13 4.63 -9.62	46.86 4.02 -4.23	36.18 3.15 0.80	32.50 2.94 -1.57	30.31 2.74 -2.45	25.52 2.27 -0.35
NORTHPORT___IC 23718	23.15 1.71 -0.10	21.81 1.49 -0.21	20.17 1.37 -0.07	19.09 1.01 -0.03	19.55 1.09 -0.02	21.42 1.47 -0.04	29.31 2.52 -1.59	31.91 2.72 -2.51	30.80 2.72 -3.36	27.99 2.63 -1.67	30.62 2.54 -2.65	30.81 2.49 -2.88	31.62 2.39 -4.31	35.28 2.68 -2.14	38.45 3.01 -1.57	42.05 3.46 -2.18	50.56 3.76 -7.25	58.30 3.97 -13.88	57.31 4.08 -10.36	47.60 3.59 -5.39	37.70 3.01 -0.87	33.01 2.75 -2.27	30.07 2.66 -2.29	25.27 2.20 -0.16
NORTH___COUNTRY_ESR 323785	21.27 -0.06 0.00	20.15 0.04 0.00	18.75 0.02 0.00	18.11 0.05 0.00	18.51 0.07 0.00	20.08 0.18 0.00	25.35 0.15 0.00	26.86 0.19 0.00	24.98 0.25 0.00	23.92 0.24 0.00	25.76 0.33 0.00	25.79 0.36 0.00	25.27 0.35 0.00	30.89 0.43 0.00	34.34 0.47 0.00	37.03 0.62 0.00	39.83 0.28 0.00	40.42 -0.04 0.00	42.70 -0.17 0.00	38.77 0.16 0.00	34.03 0.20 0.00	27.77 -0.22 0.00	24.67 -0.45 0.00	22.36 -0.55 0.00
NPX_GEN_1385_PROXY 323591	23.02 1.58 -0.10	21.64 1.33 -0.21	20.05 1.26 -0.07	19.02 0.94 -0.03	19.46 1.01 -0.01	21.38 1.41 -0.06	28.93 2.14 -1.59	31.29 2.11 -2.51	30.11 2.03 -3.36	27.35 1.99 -1.67	26.95 1.47 -0.04	27.16 1.45 -0.28	28.05 1.39 -1.73	29.72 1.49 2.24	31.48 1.73 4.11	34.72 2.07 3.76	42.79 2.25 -0.98	51.48 2.43 -8.60	49.48 2.44 -4.16	44.86 2.20 -4.05	37.25 2.03 -1.39	32.17 1.90 -2.27	29.22 1.81 -2.29	24.78 1.72 -0.16
NPX_GEN_CSC 323557	31.20 2.03 -7.83	37.11 1.79 -15.22	25.90 1.65 -5.51	21.77 1.28 -2.43	22.11 1.36 -2.30	25.45 1.77 -3.78	39.02 2.97 -10.85	41.77 3.20 -11.90	41.74 3.17 -13.85	38.97 3.03 -12.25	36.21 3.05 -7.72	36.91 3.00 -8.47	38.02 2.91 -10.18	40.11 3.32 -6.32	62.43 3.76 -24.81	46.57 4.22 -5.94	63.79 4.63 -19.61	75.78 4.85 -30.47	103.43 5.10 -55.46	119.24 4.48 -76.15	120.06 3.72 -82.51	47.33 3.33 -16.01	38.74 3.09 -10.53	36.15 2.59 -10.66
NSINS_S_GLNS_FALLS 23858	22.32 0.98 0.00	20.93 0.82 0.00	19.54 0.81 0.00	18.90 0.85 0.00	19.41 0.98 0.00	20.94 1.04 0.00	26.98 1.31 -0.47	29.16 1.71 -0.77	27.39 1.61 -1.05	25.62 1.44 -0.50	27.73 1.45 -0.85	27.75 1.40 -0.92	27.58 1.20 -1.46	32.55 1.52 -0.56	35.35 1.69 0.21	38.42 1.89 -0.12	43.40 2.53 -1.31	48.66 2.95 -5.25	50.52 3.77 -3.88	43.43 3.17 -1.65	36.85 2.88 -0.15	30.46 2.21 -0.25	26.95 1.83 0.00	24.33 1.42 0.00
NUCOR_STEEL___DRP 24197	21.62 0.28 0.00	20.31 0.20 0.00	18.83 0.09 0.00	18.09 0.04 0.00	18.47 0.04 0.00	20.10 0.20 0.00	25.45 0.25 0.00	26.86 0.19 0.00	24.80 0.07 0.00	23.78 0.09 0.00	25.59 0.15 0.00	25.56 0.13 0.00	25.10 0.17 0.00	30.68 0.21 0.00	34.17 0.30 0.00	36.84 0.44 0.00	40.58 1.03 0.00	41.59 1.13 0.00	44.12 1.24 0.00	39.46 0.85 0.00	34.27 0.44 0.00	28.36 0.36 0.00	25.42 0.30 0.00	23.34 0.44 0.00
NUMBER_THREE_WT_PWR 323818	21.83 0.49 0.00	20.55 0.44 0.00	19.09 0.36 0.00	18.44 0.38 0.00	18.84 0.41 0.00	20.42 0.52 0.00	25.83 0.63 0.00	27.45 0.77 0.00	25.22 0.49 0.00	24.09 0.40 0.00	25.94 0.51 0.00	25.97 0.53 0.00	25.42 0.50 0.00	31.23 0.76 0.00	34.81 0.95 0.00	37.54 1.13 0.00	41.10 1.54 0.00	42.03 1.58 0.00	44.68 1.80 0.00	40.27 1.66 0.00	35.11 1.29 0.00	28.89 0.90 0.00	25.82 0.70 0.00	23.55 0.64 0.00
NYISO_LBMP_REFERENCE 24008	21.34 0.00 0.00	20.11 0.00 0.00	18.73 0.00 0.00	18.06 0.00 0.00	18.44 0.00 0.00	19.91 0.00 0.00	25.20 0.00 0.00	26.68 0.00 0.00	24.73 0.00 0.00	23.68 0.00 0.00	25.43 0.00 0.00	25.43 0.00 0.00	24.92 0.00 0.00	30.46 0.00 0.00	33.86 0.00 0.00	36.41 0.00 0.00	39.55 0.00 0.00	40.46 0.00 0.00	42.87 0.00 0.00	38.61 0.00 0.00	33.83 0.00 0.00	27.99 0.00 0.00	25.12 0.00 0.00	22.91 0.00 0.00
NYPA_BRENTWD___GT 24164	24.04 1.75 -0.95	23.50 1.53 -1.87	20.81 1.41 -0.67	19.38 1.03 -0.29	19.82 1.11 -0.28	21.87 1.51 -0.45	30.40 2.60 -2.61	33.10 2.88 -3.54	32.11 2.87 -4.51	29.27 2.75 -2.84	31.36 2.72 -3.21	31.62 2.69 -3.50	32.51 2.64 -4.95	36.05 3.02 -2.57	41.30 3.46 -3.98	42.91 3.97 -2.53	51.92 3.84 -8.53	59.28 4.05 -14.78	59.22 4.50 -11.84	50.09 3.74 -7.74	41.47 3.42 -4.23	34.74 3.05 -3.69	31.12 2.81 -3.19	26.51 2.29 -1.31
NYPA_GOWANUS___GT5 24156	22.71 1.37 -0.01	21.20 1.08 -0.01	19.73 0.99 -0.01	18.93 0.87 -0.01	19.33 0.88 -0.01	20.97 1.05 -0.01	28.57 1.91 -1.46	34.00 2.16 -5.16	38.07 2.25 -11.09	38.06 2.23 -12.15	38.10 2.34 -10.33	38.38 2.37 -10.58	38.63 2.39 -11.31	39.01 2.95 -5.60	38.82 3.11 -1.84	41.86 3.28 -2.17	46.54 3.44 -3.54	58.20 3.85 -13.90	57.28 4.03 -10.37	46.60 3.44 -4.56	37.04 2.74 -0.47	33.11 2.57 -2.54	27.36 2.23 -0.01	24.61 1.70 -0.01
NYPA_GOWANUS___GT6 24157	22.71 1.37 -0.01	21.20 1.08 -0.01	19.73 0.99 -0.01	18.93 0.87 -0.01	19.33 0.88 -0.01	20.97 1.05 -0.01	28.57 1.91 -1.46	34.00 2.16 -5.16	38.07 2.25 -11.09	38.06 2.23 -12.15	38.10 2.34 -10.33	38.38 2.37 -10.58	38.63 2.39 -11.31	39.01 2.95 -5.60	38.82 3.11 -1.84	41.86 3.28 -2.17	46.54 3.44 -3.54	58.20 3.85 -13.90	57.28 4.03 -10.37	46.60 3.44 -4.56	37.04 2.74 -0.47	33.11 2.57 -2.54	27.36 2.23 -0.01	24.61 1.70 -0.01
NYPA_HARLEM__RVR_GT1 24160	22.42 1.11 0.02	20.95 0.86 0.02	19.50 0.79 0.02	18.70 0.67 0.02	19.10 0.68 0.02	20.73 0.84 0.01	28.28 1.64 -1.45	30.93 1.89 -2.37	29.94 2.00 -3.21	27.16 1.96 -1.51	30.08 2.06 -2.58	30.30 2.06 -2.81	31.27 2.09 -4.25	35.12 2.53 -2.13	38.07 2.64 -1.56	41.41 2.84 -2.16	46.09 3.00 -3.53	57.67 3.32 -13.89	56.67 3.43 -10.36	46.13 2.97 -4.55	36.62 2.33 -0.46	30.96 2.27 -0.70	27.10 1.98 0.01	24.37 1.49 0.02
NYPA_HARLEM__RVR_GT2 24161	22.42 1.11 0.02	20.95 0.86 0.02	19.50 0.79 0.02	18.70 0.67 0.02	19.10 0.68 0.02	20.73 0.84 0.01	28.28 1.64 -1.45	30.93 1.89 -2.37	29.94 2.00 -3.21	27.16 1.96 -1.51	30.08 2.06 -2.58	30.30 2.06 -2.81	31.27 2.09 -4.25	35.12 2.53 -2.13	38.07 2.64 -1.56	41.41 2.84 -2.16	46.09 3.00 -3.53	57.67 3.32 -13.89	56.67 3.43 -10.36	46.13 2.97 -4.55	36.62 2.33 -0.46	30.96 2.27 -0.70	27.10 1.98 0.01	24.37 1.49 0.02
NYPA_KENT___GT 24152	22.69 1.35 -0.01	21.18 1.06 -0.01	19.71 0.97 -0.01	18.91 0.85 -0.01	19.31 0.87 -0.01	20.95 1.03 -0.01	28.55 1.89 -1.46	33.97 2.13 -5.16	38.05 2.23 -11.09	38.01 2.18 -12.15	38.07 2.31 -10.33	38.33 2.31 -10.58	38.58 2.34 -11.31	38.92 2.86 -5.60	38.72 3.01 -1.84	41.78 3.20 -2.17	46.50 3.40 -3.54	58.12 3.76 -13.90	57.15 3.90 -10.37	46.52 3.36 -4.56	36.97 2.67 -0.47	33.06 2.52 -2.54	27.34 2.21 -0.01	24.61 1.70 -0.01

NYPA_POUCH1____GT 24155	22.73 1.39 -0.01	21.24 1.13 -0.01	19.75 1.01 -0.01	18.95 0.88 -0.01	19.37 0.92 -0.01	20.99 1.07 -0.01	28.60 1.94 -1.46	34.05 2.21 -5.16	38.12 2.30 -11.09	38.09 2.25 -12.15	38.15 2.39 -10.33	38.40 2.39 -10.58	38.68 2.44 -11.31	39.05 2.99 -5.60	38.86 3.15 -1.84	41.86 3.28 -2.17	46.58 3.48 -3.54	58.24 3.88 -13.90	57.32 4.08 -10.37	46.64 3.48 -4.56	37.10 2.81 -0.47	33.14 2.60 -2.54	27.39 2.26 -0.01	24.66 1.74 -0.01
NYPA_VERNON____GT2 24162	22.67 1.32 -0.01	21.16 1.04 -0.01	19.70 0.95 -0.01	18.90 0.83 -0.01	19.29 0.85 -0.01	20.93 1.01 -0.01	28.52 1.86 -1.46	33.94 2.11 -5.16	38.02 2.20 -11.09	37.99 2.16 -12.15	38.02 2.26 -10.33	38.28 2.26 -10.58	38.53 2.29 -11.31	38.83 2.77 -5.60	38.65 2.94 -1.84	41.71 3.13 -2.17	46.42 3.32 -3.54	58.00 3.64 -13.90	57.02 3.77 -10.37	46.41 3.24 -4.56	36.90 2.60 -0.47	33.03 2.49 -2.54	27.31 2.18 -0.01	24.59 1.67 -0.01
NYPA_VERNON____GT3 24163	22.67 1.32 -0.01	21.16 1.04 -0.01	19.70 0.95 -0.01	18.90 0.83 -0.01	19.29 0.85 -0.01	20.93 1.01 -0.01	28.52 1.86 -1.46	33.94 2.11 -5.16	38.02 2.20 -11.09	37.99 2.16 -12.15	38.02 2.26 -10.33	38.28 2.26 -10.58	38.53 2.29 -11.31	38.83 2.77 -5.60	38.65 2.94 -1.84	41.71 3.13 -2.17	46.42 3.32 -3.54	58.00 3.64 -13.90	57.02 3.77 -10.37	46.41 3.24 -4.56	36.90 2.60 -0.47	33.03 2.49 -2.54	27.31 2.18 -0.01	24.59 1.67 -0.01
NYPA____ASTORIA_CC1 323568	22.63 1.28 -0.01	21.14 1.02 -0.01	19.68 0.94 -0.01	18.86 0.79 -0.01	19.28 0.83 -0.01	20.91 0.99 -0.01	28.50 1.84 -1.46	33.92 2.08 -5.16	37.97 2.15 -11.09	37.94 2.11 -12.15	37.97 2.21 -10.33	38.22 2.21 -10.58	38.48 2.24 -11.31	38.77 2.71 -5.60	38.55 2.84 -1.84	41.64 3.06 -2.17	46.34 3.24 -3.54	57.92 3.56 -13.90	56.98 3.73 -10.37	46.37 3.20 -4.56	36.84 2.54 -0.47	32.97 2.43 -2.54	27.26 2.13 -0.01	24.54 1.63 -0.01
NYPA____ASTORIA_CC2 323569	22.63 1.28 -0.01	21.14 1.02 -0.01	19.68 0.94 -0.01	18.86 0.79 -0.01	19.28 0.83 -0.01	20.91 0.99 -0.01	28.50 1.84 -1.46	33.92 2.08 -5.16	37.97 2.15 -11.09	37.94 2.11 -12.15	37.97 2.21 -10.33	38.22 2.21 -10.58	38.48 2.24 -11.31	38.77 2.71 -5.60	38.55 2.84 -1.84	41.64 3.06 -2.17	46.34 3.24 -3.54	57.92 3.56 -13.90	56.98 3.73 -10.37	46.37 3.20 -4.56	36.84 2.54 -0.47	32.97 2.43 -2.54	27.26 2.13 -0.01	24.54 1.63 -0.01
NYPA____HOLTSVILL 23794	31.07 1.90 -7.83	37.00 1.67 -15.23	25.79 1.54 -5.52	21.66 1.17 -2.44	22.01 1.25 -2.32	25.32 1.65 -3.76	38.85 2.80 -10.86	41.59 3.01 -11.90	41.57 2.99 -13.85	38.83 2.89 -12.26	36.03 2.87 -7.72	36.76 2.85 -8.48	37.88 2.77 -10.19	39.93 3.14 -6.33	62.19 3.49 -24.84	45.87 3.93 -5.53	63.49 4.31 -19.63	67.59 4.57 -22.56	72.34 4.76 -24.71	70.84 4.17 -28.06	70.66 3.45 -33.38	47.10 3.08 -16.03	38.57 2.91 -10.54	36.00 2.43 -10.66
NYPA____HELLGATE_GT1 24158	22.45 1.11 -0.01	20.98 0.86 -0.01	19.53 0.79 -0.01	18.73 0.67 -0.01	19.13 0.68 -0.01	20.73 0.84 0.01	28.28 1.64 -1.45	30.93 1.89 -2.37	29.94 2.00 -3.21	27.16 1.96 -1.51	30.08 2.06 -2.58	30.30 2.06 -2.81	31.27 2.09 -4.25	35.12 2.53 -2.13	38.03 2.61 -1.56	41.37 2.80 -2.16	46.06 2.97 -3.53	57.67 3.32 -13.89	56.63 3.39 -10.36	46.09 2.93 -4.55	36.62 2.33 -0.46	30.96 2.27 -0.70	27.10 1.98 0.01	24.40 1.49 -0.01
NYPA____HELLGATE_GT2 24159	22.45 1.11 -0.01	20.98 0.86 -0.01	19.53 0.79 -0.01	18.73 0.67 -0.01	19.13 0.68 -0.01	20.73 0.84 0.01	28.28 1.64 -1.45	30.93 1.89 -2.37	29.94 2.00 -3.21	27.16 1.96 -1.51	30.08 2.06 -2.58	30.30 2.06 -2.81	31.27 2.09 -4.25	35.12 2.53 -2.13	38.03 2.61 -1.56	41.37 2.80 -2.16	46.06 2.97 -3.53	57.67 3.32 -13.89	56.63 3.39 -10.36	46.09 2.93 -4.55	36.62 2.33 -0.46	30.96 2.27 -0.70	27.10 1.98 0.01	24.40 1.49 -0.01
NYS_BARGE____HYD 23848	21.72 0.38 0.00	20.29 0.18 0.00	18.51 -0.22 0.00	17.86 -0.20 0.00	18.12 -0.31 0.00	19.77 -0.14 0.00	25.00 -0.20 0.00	26.25 -0.43 0.00	24.48 -0.25 0.00	23.61 -0.07 0.00	25.23 -0.20 0.00	25.26 -0.18 0.00	25.03 0.10 0.00	30.43 -0.03 0.00	34.30 0.44 0.00	36.26 -0.15 0.00	40.62 1.07 0.00	41.43 0.97 0.00	44.37 1.50 0.00	38.57 -0.04 0.00	32.58 -1.25 0.00	26.62 -1.37 0.00	24.19 -0.93 0.00	22.70 -0.21 0.00
OAK_ORCHARD____HYD 24046	21.59 0.26 0.00	20.27 0.16 0.00	18.68 -0.06 0.00	18.00 -0.05 0.00	18.33 -0.11 0.00	19.95 0.04 0.00	25.27 0.08 0.00	26.76 0.08 0.00	24.80 0.07 0.00	23.76 0.07 0.00	25.53 0.10 0.00	25.59 0.15 0.00	25.23 0.30 0.00	30.77 0.30 0.00	34.47 0.61 0.00	36.81 0.40 0.00	40.86 1.30 0.00	41.71 1.26 0.00	44.50 1.63 0.00	39.38 0.77 0.00	33.79 -0.03 0.00	27.77 -0.22 0.00	25.02 -0.10 0.00	23.05 0.14 0.00
OAKDALE__35_KV_LOAD 356122	21.79 0.45 0.00	20.45 0.34 0.00	18.94 0.21 0.00	18.13 0.07 0.00	18.51 0.07 0.00	20.18 0.28 0.00	25.68 0.48 0.00	27.16 0.48 0.00	25.20 0.47 0.00	24.18 0.50 0.00	25.97 0.53 0.00	25.94 0.51 0.00	25.50 0.57 0.00	31.20 0.73 0.00	34.64 0.78 0.00	37.25 0.84 0.00	41.10 1.54 0.00	42.08 1.62 0.00	44.76 1.89 0.00	39.85 1.24 0.00	34.40 0.58 0.00	28.44 0.45 0.00	25.55 0.43 0.00	23.43 0.53 0.00
OCC_CHEM____DRP 24175	21.08 -0.26 0.00	19.76 -0.34 0.00	17.95 -0.79 0.00	16.74 -1.32 0.00	17.09 -1.35 0.00	19.23 -0.68 0.00	24.44 -0.76 0.00	25.58 -1.09 0.00	23.89 -0.84 0.00	23.05 -0.64 0.00	24.69 -0.74 0.00	24.72 -0.71 0.00	24.50 -0.42 0.00	29.70 -0.76 0.00	32.51 -1.35 0.00	34.84 -1.57 0.00	39.40 -0.16 0.00	40.13 -0.32 0.00	43.09 0.21 0.00	37.38 -1.24 0.00	31.56 -2.27 0.00	26.01 -1.99 0.00	23.56 -1.56 0.00	22.22 -0.69 0.00
OH_GEN_PROXY 24063	21.47 0.13 0.00	20.07 -0.04 0.00	18.32 -0.41 0.00	17.66 -0.40 0.00	17.91 -0.52 0.02	19.54 -0.38 -0.02	24.75 -0.45 0.00	26.03 -0.64 0.00	24.28 -0.44 0.00	23.40 -0.28 0.00	25.02 -0.41 0.00	25.05 -0.38 0.00	24.78 -0.15 0.00	30.10 -0.36 0.00	33.86 0.00 0.00	35.82 -0.58 0.00	40.07 0.51 0.00	40.82 0.36 0.00	43.69 0.81 0.00	37.54 -0.54 0.53	32.70 -1.66 -0.53	26.40 -1.59 0.00	24.01 -1.10 0.00	22.50 -0.41 0.00
OLIN_CORP_DRP 24177	21.23 -0.11 0.00	19.90 -0.20 0.00	18.10 -0.64 0.00	16.88 -1.17 0.00	17.24 -1.20 0.00	19.39 -0.52 0.00	24.59 -0.60 0.00	25.71 -0.96 0.00	23.99 -0.74 0.00	23.14 -0.54 0.00	24.82 -0.61 0.00	24.82 -0.61 0.00	24.60 -0.32 0.00	29.85 -0.61 0.00	32.71 -1.15 0.00	35.06 -1.35 0.00	39.63 0.08 0.00	40.42 -0.04 0.00	43.39 0.51 0.00	37.65 -0.97 0.00	31.80 -2.03 0.00	26.15 -1.85 0.00	23.69 -1.43 0.00	22.36 -0.55 0.00
OLIN_CORP_DSASP 323712	21.25 -0.09 0.00	19.84 -0.26 0.00	18.10 -0.64 0.00	17.48 -0.58 0.00	17.72 -0.72 0.00	19.29 -0.62 0.00	24.44 -0.76 0.00	25.69 -0.99 0.00	23.99 -0.74 0.00	23.14 -0.54 0.00	24.72 -0.71 0.00	24.75 -0.69 0.00	24.50 -0.42 0.00	29.73 -0.73 0.00	33.49 -0.37 0.00	35.39 -1.02 0.00	39.59 0.04 0.00	40.38 -0.08 0.00	43.22 0.34 0.00	37.57 -1.04 0.00	31.73 -2.10 0.00	26.01 -1.99 0.00	23.69 -1.43 0.00	22.22 -0.69 0.00

ONEIDA_HERK_LFGE 323681	21.83 0.49 0.00	20.53 0.42 0.00	19.09 0.36 0.00	18.42 0.36 0.00	18.83 0.39 0.00	20.38 0.48 0.00	25.78 0.58 0.00	27.37 0.69 0.00	25.22 0.49 0.00	24.11 0.43 0.00	25.97 0.53 0.00	25.97 0.53 0.00	25.42 0.50 0.00	31.23 0.76 0.00	34.81 0.95 0.00	37.50 1.09 0.00	41.02 1.46 0.00	42.03 1.58 0.00	44.68 1.80 0.00	40.12 1.50 0.00	34.94 1.11 0.00	28.78 0.78 0.00	25.72 0.60 0.00	23.48 0.57 0.00
ONEIDA___115KV_TB4 55905	21.85 0.51 0.00	20.61 0.50 0.00	19.14 0.41 0.00	18.38 0.33 0.00	18.79 0.35 0.00	20.44 0.54 0.00	25.88 0.68 0.00	27.45 0.77 0.00	25.30 0.57 0.00	24.21 0.52 0.00	26.04 0.61 0.00	26.04 0.61 0.00	25.52 0.60 0.00	31.32 0.85 0.00	34.88 1.02 0.00	37.57 1.17 0.00	41.26 1.70 0.00	42.28 1.82 0.00	45.02 2.14 0.00	40.31 1.70 0.00	35.01 1.18 0.00	28.81 0.81 0.00	25.80 0.68 0.00	23.62 0.71 0.00
ONONDAGA_REF_OCCRA 23987	21.44 0.11 0.00	20.17 0.06 0.00	18.71 -0.02 0.00	17.97 -0.09 0.00	18.36 -0.07 0.00	19.97 0.06 0.00	25.27 0.08 0.00	26.70 0.03 0.00	24.70 -0.02 0.00	23.66 -0.02 0.00	25.46 0.03 0.00	25.46 0.03 0.00	24.95 0.02 0.00	30.49 0.03 0.00	33.90 0.03 0.00	36.44 0.04 0.00	40.11 0.55 0.00	41.06 0.61 0.00	43.65 0.77 0.00	39.04 0.42 0.00	33.89 0.07 0.00	28.05 0.06 0.00	25.17 0.05 0.00	23.14 0.23 0.00
ONONDAGA___COGEN 23986	21.49 0.15 0.00	20.21 0.10 0.00	18.77 0.04 0.00	18.02 -0.04 0.00	18.40 -0.04 0.00	20.02 0.12 0.00	25.30 0.10 0.00	26.70 0.03 0.00	24.68 -0.05 0.00	23.66 -0.02 0.00	25.48 0.05 0.00	25.48 0.05 0.00	24.97 0.05 0.00	30.53 0.06 0.00	33.93 0.07 0.00	36.52 0.11 0.00	40.15 0.59 0.00	41.10 0.65 0.00	43.65 0.77 0.00	39.07 0.46 0.00	33.96 0.14 0.00	28.16 0.17 0.00	25.25 0.13 0.00	23.18 0.27 0.00
ONTARIO___LFGE 23819	21.85 0.51 0.00	20.49 0.38 0.00	18.92 0.19 0.00	18.24 0.18 0.00	18.60 0.17 0.00	20.26 0.36 0.00	25.70 0.50 0.00	27.24 0.56 0.00	25.20 0.47 0.00	24.09 0.40 0.00	25.91 0.48 0.00	25.91 0.48 0.00	25.50 0.57 0.00	31.17 0.70 0.00	34.81 0.95 0.00	37.32 0.91 0.00	41.41 1.86 0.00	42.48 2.02 0.00	45.15 2.27 0.00	40.08 1.47 0.00	34.40 0.57 0.00	28.44 0.45 0.00	25.50 0.38 0.00	23.43 0.53 0.00
ORANGEVILLE_WT_PWR 323706	22.04 0.70 0.00	20.59 0.48 0.00	18.81 0.08 0.00	18.15 0.09 0.00	18.44 0.00 0.00	20.12 0.22 0.00	25.55 0.35 0.00	26.94 0.27 0.00	25.12 0.39 0.00	24.18 0.50 0.00	25.89 0.46 0.00	25.89 0.46 0.00	25.60 0.67 0.00	31.17 0.70 0.00	35.08 1.22 0.00	37.21 0.80 0.00	41.61 2.06 0.00	42.52 2.06 0.00	45.40 2.53 0.00	39.58 0.97 0.00	33.46 -0.37 0.00	27.35 -0.64 0.00	24.74 -0.38 0.00	23.07 0.16 0.00
ORANGEVILLE___ESR 323794	22.04 0.70 0.00	20.59 0.48 0.00	18.81 0.08 0.00	18.15 0.09 0.00	18.44 0.00 0.00	20.12 0.22 0.00	25.55 0.35 0.00	26.94 0.27 0.00	25.12 0.39 0.00	24.18 0.50 0.00	25.89 0.46 0.00	25.89 0.46 0.00	25.60 0.67 0.00	31.17 0.70 0.00	35.08 1.22 0.00	37.21 0.80 0.00	41.61 2.06 0.00	42.52 2.06 0.00	45.40 2.53 0.00	39.58 0.97 0.00	33.46 -0.37 0.00	27.35 -0.64 0.00	24.74 -0.38 0.00	23.07 0.16 0.00
OSWEGATCHIE___HYD 24044	21.55 0.21 0.00	20.35 0.24 0.00	18.92 0.19 0.00	18.25 0.20 0.00	18.66 0.22 0.00	20.22 0.32 0.00	25.53 0.33 0.00	27.08 0.40 0.00	24.98 0.25 0.00	23.85 0.17 0.00	25.69 0.25 0.00	25.71 0.28 0.00	25.17 0.25 0.00	30.92 0.46 0.00	34.40 0.54 0.00	37.10 0.69 0.00	40.27 0.71 0.00	40.74 0.29 0.00	43.09 0.22 0.00	39.31 0.70 0.00	34.47 0.64 0.00	28.44 0.45 0.00	25.45 0.33 0.00	23.18 0.28 0.00
OSWEGO___5 23606	21.06 -0.28 0.00	19.80 -0.30 0.00	18.41 -0.32 0.00	17.75 -0.31 0.00	18.11 -0.33 0.00	19.59 -0.32 0.00	24.75 -0.45 0.00	26.09 -0.59 0.00	24.13 -0.59 0.00	23.12 -0.57 0.00	24.87 -0.56 0.00	24.87 -0.56 0.00	24.40 -0.52 0.00	29.79 -0.67 0.00	33.19 -0.68 0.00	35.64 -0.77 0.00	39.00 -0.55 0.00	39.93 -0.53 0.00	42.36 -0.51 0.00	37.95 -0.66 0.00	33.08 -0.74 0.00	27.38 -0.62 0.00	24.59 -0.53 0.00	22.59 -0.32 0.00
OSWEGO___6 23613	21.06 -0.28 0.00	19.80 -0.30 0.00	18.41 -0.32 0.00	17.75 -0.31 0.00	18.11 -0.33 0.00	19.59 -0.32 0.00	24.75 -0.45 0.00	26.09 -0.59 0.00	24.13 -0.59 0.00	23.12 -0.57 0.00	24.87 -0.56 0.00	24.87 -0.56 0.00	24.40 -0.52 0.00	29.79 -0.67 0.00	33.19 -0.68 0.00	35.64 -0.77 0.00	39.00 -0.55 0.00	39.93 -0.53 0.00	42.36 -0.51 0.00	37.95 -0.66 0.00	33.08 -0.74 0.00	27.38 -0.62 0.00	24.59 -0.53 0.00	22.59 -0.32 0.00
OUTOKUMPU-AB___DRP 24206	21.72 0.38 0.00	20.37 0.26 0.00	18.49 -0.24 0.00	17.26 -0.79 0.00	17.61 -0.83 0.00	19.85 -0.06 0.00	25.20 0.00 0.00	26.38 -0.29 0.00	24.65 -0.07 0.00	23.83 0.14 0.00	25.53 0.10 0.00	25.56 0.13 0.00	25.32 0.40 0.00	30.80 0.34 0.00	33.80 -0.07 0.00	36.19 -0.22 0.00	40.98 1.42 0.00	41.75 1.29 0.00	44.80 1.93 0.00	38.80 0.19 0.00	32.74 -1.08 0.00	26.85 -1.15 0.00	24.27 -0.85 0.00	22.86 -0.05 0.00
OXBOW___ 24026	21.64 0.30 0.00	20.21 0.10 0.00	18.41 -0.32 0.00	17.79 -0.27 0.00	18.03 -0.41 0.00	19.65 -0.26 0.00	24.87 -0.33 0.00	26.17 -0.51 0.00	24.46 -0.27 0.00	23.61 -0.07 0.00	25.20 -0.23 0.00	25.26 -0.18 0.00	25.03 0.10 0.00	30.40 -0.06 0.00	34.27 0.41 0.00	36.23 -0.18 0.00	40.58 1.03 0.00	41.35 0.89 0.00	44.25 1.37 0.00	38.42 -0.19 0.00	32.41 -1.42 0.00	26.51 -1.48 0.00	24.09 -1.03 0.00	22.59 -0.32 0.00
OXY_CHEM_DSASP 323612	21.08 -0.26 0.00	19.76 -0.34 0.00	17.95 -0.79 0.00	16.74 -1.32 0.00	17.09 -1.35 0.00	19.23 -0.68 0.00	24.44 -0.76 0.00	25.58 -1.09 0.00	23.89 -0.84 0.00	23.05 -0.64 0.00	24.69 -0.74 0.00	24.72 -0.71 0.00	24.50 -0.42 0.00	29.70 -0.76 0.00	32.51 -1.35 0.00	34.84 -1.57 0.00	39.40 -0.16 0.00	40.13 -0.32 0.00	43.09 0.21 0.00	37.38 -1.24 0.00	31.56 -2.27 0.00	26.01 -1.99 0.00	23.56 -1.56 0.00	22.22 -0.69 0.00
OZONE_PARK_ESR 323760	22.75 1.41 0.00	21.19 1.09 0.00	19.74 1.01 0.00	19.05 0.99 0.00	19.43 1.00 0.00	20.96 1.05 0.00	28.62 1.97 -1.45	31.26 2.21 -2.37	30.27 2.32 -3.22	27.45 2.25 -1.52	30.39 2.37 -2.59	30.62 2.37 -2.82	31.58 2.39 -4.26	35.50 2.89 -2.14	38.58 3.15 -1.57	41.89 3.31 -2.17	46.93 3.84 -3.54	58.40 4.05 -13.90	57.58 4.33 -10.37	46.87 3.71 -4.56	37.11 2.81 -0.47	31.28 2.58 -0.71	27.41 2.29 0.00	24.65 1.74 0.00
PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	21.08 -0.26 0.00	19.76 -0.34 0.00	17.95 -0.79 0.00	16.74 -1.32 0.00	17.09 -1.35 0.00	19.23 -0.68 0.00	24.44 -0.76 0.00	25.58 -1.09 0.00	23.89 -0.84 0.00	23.05 -0.64 0.00	24.69 -0.74 0.00	24.72 -0.71 0.00	24.50 -0.42 0.00	29.70 -0.76 0.00	32.51 -1.35 0.00	34.84 -1.57 0.00	39.40 -0.16 0.00	40.13 -0.32 0.00	43.09 0.21 0.00	37.38 -1.24 0.00	31.56 -2.27 0.00	26.01 -1.99 0.00	23.56 -1.56 0.00	22.22 -0.69 0.00

PACKARD__115KV_DUPONT_184 80571	21.08 -0.26 0.00	19.76 -0.34 0.00	17.95 -0.79 0.00	16.74 -1.32 0.00	17.09 -1.35 0.00	19.23 -0.68 0.00	24.44 -0.76 0.00	25.58 -1.09 0.00	23.89 -0.84 0.00	23.05 -0.64 0.00	24.69 -0.74 0.00	24.72 -0.71 0.00	24.50 -0.42 0.00	29.70 -0.76 0.00	32.51 -1.35 0.00	34.84 -1.57 0.00	39.40 -0.16 0.00	40.13 -0.32 0.00	43.09 0.21 0.00	37.38 -1.24 0.00	31.56 -2.27 0.00	26.01 -1.99 0.00	23.56 -1.56 0.00	22.22 -0.69 0.00
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	22.58 1.24 0.00	21.05 0.94 0.00	19.61 0.88 0.00	18.92 0.87 0.00	19.32 0.89 0.00	20.81 0.92 0.02	28.37 1.74 -1.44	31.01 1.97 -2.37	30.02 2.08 -3.21	27.21 2.01 -1.51	30.13 2.11 -2.58	30.35 2.11 -2.81	31.32 2.14 -4.25	35.19 2.59 -2.13	38.24 2.81 -1.56	41.45 2.88 -2.17	46.18 3.09 -3.54	57.75 3.40 -13.90	56.81 3.56 -10.37	46.22 3.05 -4.56	36.80 2.50 -0.47	31.05 2.35 -0.70	27.16 2.06 0.02	24.47 1.56 0.00
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	22.72 1.39 0.00	21.31 1.21 0.00	19.84 1.11 0.00	19.05 0.99 0.00	19.45 1.01 0.00	21.04 1.15 0.02	28.55 1.92 -1.44	31.20 2.16 -2.37	30.19 2.25 -3.21	27.35 2.16 -1.51	30.31 2.29 -2.58	30.51 2.26 -2.81	31.47 2.29 -4.25	35.40 2.80 -2.13	38.44 3.01 -1.56	41.67 3.09 -2.17	46.46 3.36 -3.54	58.00 3.64 -13.90	57.11 3.86 -10.37	46.49 3.32 -4.56	37.00 2.71 -0.47	31.21 2.52 -0.70	27.34 2.24 0.02	24.63 1.72 0.00
PATROON__115KV_TB1 80586	21.70 0.36 0.00	20.41 0.30 0.00	19.09 0.36 0.00	18.51 0.45 0.00	18.88 0.44 0.00	20.22 0.32 0.00	26.21 0.53 -0.48	28.18 0.72 -0.79	26.49 0.69 -1.07	24.83 0.64 -0.50	26.90 0.61 -0.86	26.95 0.58 -0.93	26.89 0.47 -1.49	31.63 0.58 -0.59	34.36 0.68 0.18	37.25 0.69 -0.15	41.93 1.03 -1.35	47.15 1.29 -5.40	48.36 1.50 -3.98	41.54 1.24 -1.70	35.06 1.08 -0.15	29.12 0.87 -0.26	26.00 0.88 0.00	23.46 0.55 0.00
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	22.26 0.92 0.00	20.83 0.72 0.00	18.90 0.17 0.00	17.69 -0.36 0.00	18.05 -0.39 0.00	20.30 0.40 0.00	25.88 0.68 0.00	27.08 0.40 0.00	25.32 0.59 0.00	24.47 0.78 0.00	26.20 0.76 0.00	26.22 0.79 0.00	25.97 1.05 0.00	31.68 1.22 0.00	34.85 0.98 0.00	37.35 0.95 0.00	42.20 2.65 0.00	43.09 2.63 0.00	46.18 3.30 0.00	40.00 1.39 0.00	33.69 -0.14 0.00	27.55 -0.45 0.00	24.84 -0.28 0.00	23.48 0.57 0.00
PAWLING_115_KV_BK3_REV_LBMP_H 345028	22.62 1.28 0.00	21.13 1.03 0.00	19.67 0.94 0.00	18.99 0.94 0.00	19.38 0.94 0.00	20.84 0.94 0.00	27.60 1.61 -0.79	29.84 1.87 -1.29	28.41 1.93 -1.76	26.34 1.82 -0.83	28.88 2.03 -1.41	28.98 2.01 -1.54	29.90 2.07 -2.90	34.97 2.56 -1.95	38.00 2.91 -1.23	41.27 3.20 -1.66	46.62 3.72 -3.35	57.28 4.01 -12.82	56.53 4.37 -9.28	46.19 3.82 -3.76	37.03 2.94 -0.26	31.19 2.63 -0.56	27.13 2.01 0.00	24.42 1.51 0.00
PEEKSKILL____ 23653	22.34 1.00 0.00	20.91 0.81 0.00	19.46 0.73 0.00	18.69 0.63 0.00	19.08 0.64 0.00	20.68 0.78 0.00	28.21 1.46 -1.55	30.89 1.68 -2.53	29.91 1.76 -3.43	27.01 1.71 -1.62	30.00 1.81 -2.76	30.22 1.78 -3.00	31.27 1.82 -4.53	34.94 2.22 -2.25	37.87 2.40 -1.60	41.35 2.69 -2.25	46.48 3.17 -3.76	58.56 3.36 -14.75	57.44 3.56 -11.01	46.50 3.05 -4.84	36.60 2.27 -0.50	30.85 2.10 -0.75	26.88 1.76 0.00	24.24 1.33 0.00
PGE MADISON__WINDPWR 24146	23.09 1.75 0.00	21.63 1.53 0.00	20.01 1.27 0.00	19.36 1.30 0.00	19.78 1.35 0.00	21.54 1.63 0.00	27.42 2.22 0.00	28.96 2.51 0.22	26.38 1.95 0.30	25.30 1.75 0.14	27.15 1.96 0.24	27.13 1.96 0.26	26.87 1.95 0.00	33.17 2.71 0.00	37.15 3.28 0.00	40.19 3.79 0.00	44.66 5.10 0.00	46.24 5.78 0.00	49.47 6.60 0.00	43.94 5.33 0.00	37.68 3.85 0.00	30.66 2.66 0.00	27.33 2.21 0.00	24.95 2.04 0.00
PIERCEFIELD__HYD 23852	21.25 -0.09 0.00	20.17 0.06 0.00	18.77 0.04 0.00	18.09 0.04 0.00	18.47 0.04 0.00	20.02 0.12 0.00	25.20 0.00 0.00	26.68 0.00 0.00	24.68 -0.05 0.00	23.61 -0.07 0.00	25.43 0.00 0.00	25.46 0.03 0.00	24.95 0.02 0.00	30.56 0.09 0.00	34.03 0.17 0.00	36.74 0.33 0.00	39.24 -0.32 0.00	39.97 -0.49 0.00	41.42 -1.46 0.00	38.22 -0.39 0.00	33.76 -0.07 0.00	27.94 -0.06 0.00	25.02 -0.10 0.00	22.77 -0.14 0.00
PINELAWN_CC_1 323563	23.60 1.77 -0.49	22.62 1.55 -0.96	20.50 1.42 -0.34	19.27 1.07 -0.15	19.72 1.14 -0.14	21.67 1.53 -0.23	29.82 2.57 -2.05	32.45 2.80 -2.98	31.40 2.79 -3.88	28.56 2.68 -2.20	31.06 2.72 -2.90	31.29 2.69 -3.16	32.19 2.67 -4.59	35.80 3.02 -2.32	39.89 3.42 -2.60	42.67 3.93 -2.33	51.70 4.35 -7.80	59.29 4.57 -14.27	58.76 4.89 -10.99	49.22 4.21 -6.40	39.52 3.38 -2.31	33.93 3.05 -2.88	30.52 2.81 -2.59	25.88 2.29 -0.68
PJM_GEN_HTP_PROXY 323702	22.51 1.17 0.00	21.03 0.93 0.00	19.56 0.82 0.00	18.76 0.70 0.00	19.14 0.72 0.02	20.82 0.90 -0.02	28.34 1.69 -1.45	31.00 1.95 -2.37	29.98 2.03 -3.22	27.21 2.01 -1.52	30.13 2.11 -2.59	30.34 2.09 -2.82	31.30 2.12 -4.26	35.19 2.59 -2.14	38.18 2.74 -1.57	41.56 2.99 -2.17	46.58 3.48 -3.54	58.00 3.64 -13.90	57.06 3.81 -10.37	45.92 3.28 -4.03	37.26 2.44 -1.00	31.00 2.30 -0.71	27.13 2.01 0.00	24.42 1.51 0.00
PJM_GEN_KEystone 24065	21.98 0.64 0.00	20.53 0.42 0.00	18.94 0.21 0.00	18.20 0.14 0.00	18.53 0.11 0.02	20.20 0.28 -0.02	24.47 0.65 1.38	25.17 0.75 2.25	22.54 0.87 3.05	23.15 0.90 1.44	23.89 0.91 2.46	23.67 0.91 2.67	24.21 1.02 1.74	32.62 1.25 -0.91	35.15 1.49 0.20	37.46 1.46 0.40	43.98 2.21 -2.21	50.82 2.30 -8.05	50.11 2.57 -4.66	40.31 1.66 -0.04	34.50 0.68 0.00	28.59 0.56 -0.04	25.70 0.58 0.00	23.53 0.62 0.00
PJM_GEN_NEPTUNE_PROXY 323594	22.82 1.49 0.01	21.36 1.27 0.01	19.88 1.16 0.01	18.90 0.85 0.01	19.32 0.90 0.02	21.15 1.23 -0.01	28.73 2.09 -1.44	31.38 2.35 -2.36	30.28 2.35 -3.20	27.49 2.30 -1.51	30.35 2.34 -2.58	30.55 2.31 -2.80	31.48 2.32 -4.24	35.22 2.62 -2.14	38.35 2.91 -1.57	41.90 3.31 -2.18	50.52 3.72 -7.25	58.26 3.92 -13.88	57.35 4.12 -10.36	47.03 3.55 -4.87	37.99 2.77 -1.39	32.81 2.55 -2.26	28.31 2.34 -0.85	24.78 1.88 0.01
PJM_GEN_VFT_PROXY 323633	22.43 1.09 0.00	20.93 0.82 0.00	19.48 0.75 0.00	18.67 0.61 0.00	19.07 0.64 0.02	20.72 0.80 -0.02	28.24 1.59 -1.45	30.84 1.79 -2.37	29.88 1.93 -3.22	27.12 1.92 -1.52	30.01 1.99 -2.59	30.24 1.99 -2.82	31.18 1.99 -4.26	32.24 2.44 0.66	32.21 2.51 4.16	32.66 2.77 6.51	46.26 3.17 -3.54	54.47 3.36 -10.66	47.34 3.47 -0.99	33.90 3.01 7.72	32.77 2.20 3.25	30.86 2.16 -0.71	27.05 1.93 0.00	24.33 1.42 0.00
PLATSBURG_115KV_PMLD1 355749	21.59 0.26 0.00	20.37 0.26 0.00	18.96 0.22 0.00	18.36 0.31 0.00	18.77 0.33 0.00	20.26 0.36 0.00	25.65 0.45 0.00	27.16 0.48 0.00	25.27 0.54 0.00	24.21 0.52 0.00	26.07 0.64 0.00	26.09 0.66 0.00	25.57 0.65 0.00	31.23 0.76 0.00	34.74 0.88 0.00	37.57 1.17 0.00	40.42 0.87 0.00	41.27 0.81 0.00	43.35 0.47 0.00	39.34 0.73 0.00	34.47 0.64 0.00	28.08 0.08 0.00	24.94 -0.18 0.00	22.59 -0.32 0.00

PLEASANTVLY___LBMP 24000	22.30 0.96 0.00	20.85 0.74 0.00	19.46 0.73 0.00	18.80 0.74 0.00	19.19 0.76 0.00	20.64 0.74 0.00	27.61 1.34 -1.07	30.00 1.57 -1.75	28.71 1.61 -2.38	26.34 1.54 -1.12	28.92 1.58 -1.91	29.09 1.58 -2.08	29.74 1.57 -3.25	34.17 1.92 -1.79	37.43 2.13 -1.43	40.53 2.26 -1.86	45.09 2.65 -2.88	54.60 2.87 -11.27	54.32 3.09 -8.35	44.84 2.63 -3.60	36.24 2.06 -0.35	30.43 1.88 -0.56	26.75 1.63 0.00	24.12 1.21 0.00
PLSNTVLE_13_KV_13.8KVDIST 80602	22.49 1.15 0.00	20.99 0.88 0.00	19.58 0.84 0.00	18.89 0.83 0.00	19.29 0.85 0.00	20.78 0.88 0.00	28.15 1.61 -1.34	30.72 1.87 -2.18	29.62 1.93 -2.96	26.93 1.85 -1.40	29.75 1.93 -2.38	29.96 1.93 -2.59	30.85 1.97 -3.96	34.88 2.38 -2.04	38.03 2.64 -1.53	41.32 2.84 -2.08	46.24 3.32 -3.36	57.16 3.52 -13.18	56.46 3.77 -9.81	46.14 3.24 -4.28	36.73 2.47 -0.43	30.90 2.24 -0.66	27.03 1.91 0.00	24.35 1.44 0.00
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	22.49 1.15 0.00	20.99 0.88 0.00	19.58 0.84 0.00	18.89 0.83 0.00	19.29 0.85 0.00	20.78 0.88 0.00	28.15 1.61 -1.34	30.72 1.87 -2.18	29.62 1.93 -2.96	26.93 1.85 -1.40	29.75 1.93 -2.38	29.96 1.93 -2.59	30.85 1.97 -3.96	34.88 2.38 -2.04	38.03 2.64 -1.53	41.32 2.84 -2.08	46.24 3.32 -3.36	57.16 3.52 -13.18	56.46 3.77 -9.81	46.14 3.24 -4.28	36.73 2.47 -0.43	30.90 2.24 -0.66	27.03 1.91 0.00	24.35 1.44 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	22.45 1.11 0.00	20.99 0.88 0.00	19.58 0.84 0.00	18.90 0.85 0.00	19.27 0.83 0.00	20.68 0.78 0.00	27.21 1.39 -0.63	29.29 1.57 -1.04	27.74 1.61 -1.41	25.89 1.54 -0.66	28.14 1.58 -1.13	28.24 1.58 -1.23	29.07 1.62 -2.52	34.17 2.01 -1.69	36.81 2.27 -0.68	40.01 2.48 -1.12	45.67 2.97 -3.15	55.43 3.07 -11.90	54.78 3.34 -8.56	44.89 2.86 -3.42	36.34 2.30 -0.22	30.55 2.04 -0.51	26.88 1.76 0.00	24.21 1.31 0.00
POLETTI____ 23519	22.53 1.19 0.00	21.01 0.90 0.00	19.58 0.84 0.00	18.89 0.83 0.00	19.27 0.83 0.00	20.78 0.88 0.00	28.34 1.69 -1.45	30.97 1.92 -2.37	29.97 2.03 -3.22	27.19 1.99 -1.52	30.08 2.06 -2.59	30.31 2.06 -2.82	31.28 2.09 -4.26	35.13 2.53 -2.14	38.18 2.74 -1.57	41.45 2.88 -2.17	46.42 3.32 -3.54	57.88 3.52 -13.90	56.93 3.69 -10.37	46.37 3.20 -4.56	36.73 2.44 -0.47	30.97 2.27 -0.71	27.13 2.01 0.00	24.40 1.49 0.00
POMONA___ESR 323819	22.28 0.94 0.00	20.85 0.74 0.00	19.41 0.67 0.00	18.62 0.56 0.00	19.01 0.57 0.00	20.58 0.68 0.00	24.75 1.31 1.75	25.38 1.55 2.84	22.48 1.61 3.85	23.45 1.59 1.82	23.98 1.65 3.10	23.71 1.65 3.38	25.08 1.70 1.54	34.68 2.07 -2.14	36.29 2.23 -0.19	39.10 2.55 -0.14	46.96 3.00 -4.41	60.08 3.20 -16.43	56.64 3.39 -10.38	44.00 2.90 -2.49	35.36 2.10 0.56	30.20 1.96 -0.25	26.78 1.66 0.00	24.17 1.26 0.00
PORT_JEFF_3 23555	31.21 1.92 -7.95	37.27 1.71 -15.46	25.89 1.55 -5.60	21.72 1.19 -2.47	22.07 1.27 -2.36	25.40 1.67 -3.82	39.02 2.82 -11.00	41.71 2.99 -12.05	41.71 2.97 -14.02	39.02 2.91 -12.42	36.16 2.92 -7.80	36.87 2.87 -8.56	37.97 2.77 -10.28	39.93 3.08 -6.39	62.43 3.39 -25.18	45.74 3.75 -5.58	63.48 4.11 -19.81	67.48 4.33 -22.69	72.17 4.38 -24.92	70.90 3.90 -28.39	70.90 3.22 -33.86	47.16 2.94 -16.23	38.65 2.86 -10.67	36.16 2.43 -10.83
PORT_JEFF_4 23616	31.21 1.92 -7.95	37.27 1.71 -15.46	25.89 1.55 -5.60	21.72 1.19 -2.47	22.07 1.27 -2.36	25.40 1.67 -3.82	39.02 2.82 -11.00	41.71 2.99 -12.05	41.71 2.97 -14.02	39.02 2.91 -12.42	36.16 2.92 -7.80	36.87 2.87 -8.56	37.97 2.77 -10.28	39.93 3.08 -6.39	62.43 3.39 -25.18	45.74 3.75 -5.58	63.48 4.11 -19.81	67.48 4.33 -22.69	72.17 4.38 -24.92	70.90 3.90 -28.39	70.90 3.22 -33.86	47.16 2.94 -16.23	38.65 2.86 -10.67	36.16 2.43 -10.83
PORT_JEFF_IC 23713	31.69 1.96 -8.39	38.15 1.73 -16.31	26.24 1.59 -5.91	21.89 1.23 -2.61	22.23 1.31 -2.49	25.65 1.71 -4.03	39.60 2.87 -11.53	42.32 3.07 -12.58	42.38 3.04 -14.61	39.69 2.98 -13.02	36.50 2.97 -8.09	37.26 2.95 -8.88	38.37 2.84 -10.61	40.28 3.20 -6.62	63.75 3.46 -26.43	45.99 3.82 -5.76	64.27 4.23 -20.48	68.11 4.49 -23.16	73.16 4.59 -25.69	72.24 4.02 -29.61	72.75 3.32 -35.61	47.99 3.02 -16.97	39.22 2.96 -11.13	36.83 2.50 -11.42
PPL PILGRIM_ST_GT1 24216	24.04 1.75 -0.95	23.50 1.53 -1.87	20.81 1.41 -0.67	19.38 1.03 -0.29	19.82 1.11 -0.28	21.87 1.51 -0.45	30.40 2.60 -2.61	33.10 2.88 -3.54	32.11 2.87 -4.51	29.27 2.75 -2.84	31.36 2.72 -3.21	31.62 2.69 -3.50	32.51 2.64 -4.95	36.05 3.02 -2.57	41.30 3.46 -3.98	42.91 3.97 -2.53	51.92 3.84 -8.53	59.28 4.05 -14.78	59.22 4.50 -11.84	50.09 3.74 -7.74	41.47 3.42 -4.23	34.74 3.05 -3.69	31.12 2.81 -3.19	26.51 2.29 -1.31
PPL PILGRIM_ST_GT2 24217	24.04 1.75 -0.95	23.50 1.53 -1.87	20.81 1.41 -0.67	19.38 1.03 -0.29	19.82 1.11 -0.28	21.87 1.51 -0.45	30.40 2.60 -2.61	33.10 2.88 -3.54	32.11 2.87 -4.51	29.27 2.75 -2.84	31.36 2.72 -3.21	31.62 2.69 -3.50	32.51 2.64 -4.95	36.05 3.02 -2.57	41.30 3.46 -3.98	42.91 3.97 -2.53	51.92 3.84 -8.53	59.28 4.05 -14.78	59.22 4.50 -11.84	50.09 3.74 -7.74	41.47 3.42 -4.23	34.74 3.05 -3.69	31.12 2.81 -3.19	26.51 2.29 -1.31
PPL_SHRM_GT3 24213	31.33 2.09 -7.90	37.32 1.85 -15.36	26.00 1.70 -5.57	21.83 1.32 -2.46	22.18 1.40 -2.34	25.51 1.81 -3.80	39.16 3.02 -10.94	41.91 3.25 -11.99	41.89 3.21 -13.95	39.12 3.08 -12.35	36.28 3.08 -7.77	36.99 3.03 -8.53	38.13 2.96 -10.24	40.17 3.35 -6.36	62.70 3.83 -25.01	46.54 4.33 -5.80	64.02 4.74 -19.72	72.81 4.97 -27.37	91.31 5.19 -43.25	100.58 4.59 -57.38	100.42 3.82 -62.77	47.51 3.39 -16.13	38.90 3.17 -10.61	36.30 2.63 -10.76
PPL_SHRM_GT4 24214	31.33 2.09 -7.90	37.32 1.85 -15.36	26.00 1.70 -5.57	21.83 1.32 -2.46	22.18 1.40 -2.34	25.51 1.81 -3.80	39.16 3.02 -10.94	41.91 3.25 -11.99	41.89 3.21 -13.95	39.12 3.08 -12.35	36.28 3.08 -7.77	36.99 3.03 -8.53	38.13 2.96 -10.24	40.17 3.35 -6.36	62.70 3.83 -25.01	46.54 4.33 -5.80	64.02 4.74 -19.72	72.81 4.97 -27.37	91.31 5.19 -43.25	100.58 4.59 -57.38	100.42 3.82 -62.77	47.51 3.39 -16.13	38.90 3.17 -10.61	36.30 2.63 -10.76
PROJECT___ORANGE 1 24174	21.38 0.04 0.00	20.09 -0.02 0.00	18.66 -0.07 0.00	17.91 -0.14 0.00	18.31 -0.13 0.00	19.89 -0.02 0.00	25.17 -0.03 0.00	26.57 -0.11 0.00	24.58 -0.15 0.00	23.57 -0.12 0.00	25.36 -0.08 0.00	25.36 -0.08 0.00	24.85 -0.07 0.00	30.34 -0.12 0.00	33.73 -0.14 0.00	36.26 -0.15 0.00	39.87 0.32 0.00	40.82 0.36 0.00	43.35 0.47 0.00	38.77 0.15 0.00	33.69 -0.14 0.00	27.91 -0.08 0.00	25.07 -0.05 0.00	23.04 0.14 0.00
PROJECT___ORANGE 2 24166	21.38 0.04 0.00	20.09 -0.02 0.00	18.66 -0.07 0.00	17.91 -0.14 0.00	18.31 -0.13 0.00	19.89 -0.02 0.00	25.17 -0.03 0.00	26.57 -0.11 0.00	24.58 -0.15 0.00	23.57 -0.12 0.00	25.36 -0.08 0.00	25.36 -0.08 0.00	24.85 -0.07 0.00	30.34 -0.12 0.00	33.73 -0.14 0.00	36.26 -0.15 0.00	39.87 0.32 0.00	40.82 0.36 0.00	43.35 0.47 0.00	38.77 0.15 0.00	33.69 -0.14 0.00	27.91 -0.08 0.00	25.07 -0.05 0.00	23.04 0.14 0.00

PUCKETT___SOLAR 323809	22.13 0.79 0.00	20.75 0.64 0.00	19.22 0.49 0.00	18.54 0.49 0.00	18.94 0.50 0.00	20.54 0.64 0.00	26.13 0.93 0.00	27.48 0.99 0.18	25.33 0.84 0.24	24.31 0.74 0.11	26.00 0.76 0.19	25.93 0.71 0.21	25.70 0.77 0.00	31.50 1.04 0.00	35.15 1.29 0.00	37.87 1.46 0.00	41.89 2.33 0.00	43.13 2.67 0.00	45.96 3.09 0.00	40.93 2.32 0.00	35.28 1.45 0.00	29.06 1.06 0.00	26.05 0.93 0.00	23.87 0.96 0.00
PYRITES___HYD 24023	21.38 0.04 0.00	20.31 0.20 0.00	18.90 0.17 0.00	18.20 0.14 0.00	18.59 0.15 0.00	20.20 0.30 0.00	25.37 0.18 0.00	26.92 0.24 0.00	24.85 0.12 0.00	23.78 0.09 0.00	25.64 0.20 0.00	25.66 0.23 0.00	25.15 0.22 0.00	30.86 0.40 0.00	34.37 0.51 0.00	37.10 0.69 0.00	39.63 0.08 0.00	40.50 0.04 0.00	42.10 -0.77 0.00	38.84 0.23 0.00	34.27 0.44 0.00	28.25 0.25 0.00	25.27 0.15 0.00	22.98 0.07 0.00
QUAKERRD_115KV_BK1 80622	20.95 -0.38 0.00	19.68 -0.42 0.00	18.17 -0.56 0.00	17.30 -0.76 0.00	17.68 -0.76 0.00	19.41 -0.50 0.00	24.59 -0.60 0.00	26.01 -0.67 0.00	24.08 -0.64 0.00	23.07 -0.62 0.00	24.82 -0.61 0.00	24.85 -0.58 0.00	24.50 -0.42 0.00	29.89 -0.58 0.00	33.12 -0.75 0.00	35.61 -0.80 0.00	39.51 -0.04 0.00	40.38 -0.08 0.00	43.05 0.17 0.00	38.22 -0.39 0.00	32.95 -0.88 0.00	27.15 -0.84 0.00	24.39 -0.73 0.00	22.45 -0.46 0.00
QUENSBRY_115KV_TB8 356137	22.32 0.98 0.00	20.89 0.78 0.00	19.50 0.77 0.00	18.90 0.85 0.00	19.41 0.98 0.00	20.92 1.02 0.00	27.01 1.34 -0.47	29.18 1.73 -0.77	27.41 1.63 -1.05	25.67 1.49 -0.49	27.75 1.48 -0.84	27.78 1.42 -0.92	27.61 1.22 -1.46	32.58 1.55 -0.56	35.39 1.73 0.20	38.49 1.97 -0.12	43.43 2.57 -1.31	48.74 3.03 -5.25	50.65 3.90 -3.87	43.51 3.24 -1.65	36.92 2.94 -0.15	30.52 2.27 -0.25	26.98 1.86 0.00	24.35 1.44 0.00
RAMAPO___LBMP 323565	22.28 0.94 0.00	20.81 0.70 0.00	19.39 0.66 0.00	18.71 0.65 0.00	19.08 0.65 0.00	20.56 0.66 0.00	24.76 1.29 1.73	25.40 1.52 2.79	22.54 1.61 3.79	23.44 1.54 1.79	23.98 1.60 3.05	23.72 1.60 3.32	25.03 1.65 1.54	34.55 2.01 -2.08	36.28 2.24 -0.18	38.94 2.40 -0.13	46.68 2.85 -4.28	59.44 3.03 -15.95	56.19 3.26 -10.06	43.79 2.78 -2.40	35.34 2.06 0.55	30.11 1.88 -0.24	26.73 1.61 0.00	24.12 1.21 0.00
RANKINE____ 23646	22.02 0.68 0.00	20.61 0.50 0.00	18.71 -0.02 0.00	17.51 -0.54 0.00	17.87 -0.57 0.00	20.08 0.18 0.00	25.58 0.38 0.00	26.81 0.13 0.00	25.05 0.32 0.00	24.21 0.52 0.00	25.92 0.48 0.00	25.94 0.51 0.00	25.70 0.77 0.00	31.32 0.85 0.00	34.37 0.51 0.00	36.84 0.44 0.00	41.65 2.10 0.00	42.48 2.02 0.00	45.58 2.70 0.00	39.46 0.85 0.00	33.25 -0.58 0.00	27.27 -0.73 0.00	24.62 -0.50 0.00	23.18 0.27 0.00
RAVENSWOOD_GT2_1 24244	22.58 1.24 0.00	21.05 0.94 0.00	19.61 0.88 0.00	18.92 0.87 0.00	19.32 0.89 0.00	20.82 0.92 0.00	28.39 1.74 -1.45	31.02 1.97 -2.37	30.02 2.08 -3.22	27.22 2.01 -1.52	30.14 2.11 -2.59	30.36 2.11 -2.82	31.33 2.14 -4.26	35.19 2.59 -2.14	38.25 2.81 -1.57	41.53 2.95 -2.17	46.46 3.36 -3.54	57.92 3.56 -13.90	57.02 3.77 -10.37	46.41 3.24 -4.56	36.80 2.50 -0.47	31.03 2.32 -0.71	27.18 2.06 0.00	24.44 1.53 0.00
RAVENSWOOD_GT2_2 24245	22.58 1.24 0.00	21.05 0.94 0.00	19.61 0.88 0.00	18.92 0.87 0.00	19.32 0.89 0.00	20.82 0.92 0.00	28.39 1.74 -1.45	31.02 1.97 -2.37	30.02 2.08 -3.22	27.22 2.01 -1.52	30.14 2.11 -2.59	30.36 2.11 -2.82	31.33 2.14 -4.26	35.19 2.59 -2.14	38.25 2.81 -1.57	41.53 2.95 -2.17	46.46 3.36 -3.54	57.92 3.56 -13.90	57.02 3.77 -10.37	46.41 3.24 -4.56	36.80 2.50 -0.47	31.03 2.32 -0.71	27.18 2.06 0.00	24.44 1.53 0.00
RAVENSWOOD_GT2_3 24246	22.58 1.24 0.00	21.05 0.94 0.00	19.61 0.88 0.00	18.92 0.87 0.00	19.32 0.89 0.00	20.84 0.94 0.00	28.39 1.74 -1.45	31.02 1.97 -2.37	30.02 2.08 -3.22	27.22 2.01 -1.52	30.13 2.11 -2.59	30.36 2.11 -2.82	31.33 2.14 -4.26	35.19 2.59 -2.14	38.25 2.81 -1.57	41.53 2.95 -2.17	46.46 3.36 -3.54	57.92 3.56 -13.90	57.02 3.77 -10.37	46.41 3.24 -4.56	36.80 2.50 -0.47	31.03 2.32 -0.71	27.18 2.06 0.00	24.44 1.53 0.00
RAVENSWOOD_GT2_4 24247	22.58 1.24 0.00	21.05 0.94 0.00	19.61 0.88 0.00	18.92 0.87 0.00	19.32 0.89 0.00	20.84 0.94 0.00	28.39 1.74 -1.45	31.02 1.97 -2.37	30.02 2.08 -3.22	27.22 2.01 -1.52	30.13 2.11 -2.59	30.36 2.11 -2.82	31.33 2.14 -4.26	35.19 2.59 -2.14	38.25 2.81 -1.57	41.53 2.95 -2.17	46.46 3.36 -3.54	57.92 3.56 -13.90	57.02 3.77 -10.37	46.41 3.24 -4.56	36.80 2.50 -0.47	31.03 2.32 -0.71	27.18 2.06 0.00	24.44 1.53 0.00
RAVENSWOOD_GT3_1 24248	22.58 1.24 0.00	21.05 0.94 0.00	19.61 0.88 0.00	18.92 0.87 0.00	19.32 0.89 0.00	20.82 0.92 0.00	28.39 1.74 -1.45	31.02 1.97 -2.37	30.02 2.08 -3.22	27.22 2.01 -1.52	30.14 2.11 -2.59	30.36 2.11 -2.82	31.33 2.14 -4.26	35.19 2.59 -2.14	38.25 2.81 -1.57	41.53 2.95 -2.17	46.46 3.36 -3.54	57.92 3.56 -13.90	57.02 3.77 -10.37	46.41 3.24 -4.56	36.80 2.50 -0.47	31.03 2.32 -0.71	27.18 2.06 0.00	24.44 1.53 0.00
RAVENSWOOD_GT3_2 24249	22.58 1.24 0.00	21.05 0.94 0.00	19.61 0.88 0.00	18.92 0.87 0.00	19.32 0.89 0.00	20.82 0.92 0.00	28.39 1.74 -1.45	31.02 1.97 -2.37	30.02 2.08 -3.22	27.22 2.01 -1.52	30.14 2.11 -2.59	30.36 2.11 -2.82	31.33 2.14 -4.26	35.19 2.59 -2.14	38.25 2.81 -1.57	41.53 2.95 -2.17	46.46 3.36 -3.54	57.92 3.56 -13.90	57.02 3.77 -10.37	46.41 3.24 -4.56	36.80 2.50 -0.47	31.03 2.32 -0.71	27.18 2.06 0.00	24.44 1.53 0.00
RAVENSWOOD_GT3_3 24250	22.60 1.26 0.00	21.07 0.97 0.00	19.63 0.90 0.00	18.94 0.88 0.00	19.34 0.90 0.00	20.86 0.96 0.00	28.42 1.76 -1.45	31.08 2.03 -2.37	30.07 2.13 -3.22	27.26 2.06 -1.52	30.19 2.16 -2.59	30.41 2.16 -2.82	31.38 2.19 -4.26	35.25 2.65 -2.14	38.31 2.88 -1.57	41.56 2.99 -2.17	46.54 3.44 -3.54	58.00 3.64 -13.90	57.11 3.86 -10.37	46.49 3.32 -4.56	36.87 2.57 -0.47	31.08 2.38 -0.71	27.20 2.08 0.00	24.49 1.58 0.00
RAVENSWOOD_GT3_4 24251	22.60 1.26 0.00	21.07 0.97 0.00	19.63 0.90 0.00	18.94 0.88 0.00	19.34 0.90 0.00	20.86 0.96 0.00	28.42 1.76 -1.45	31.08 2.03 -2.37	30.07 2.13 -3.22	27.26 2.06 -1.52	30.19 2.16 -2.59	30.41 2.16 -2.82	31.38 2.19 -4.26	35.25 2.65 -2.14	38.31 2.88 -1.57	41.56 2.99 -2.17	46.54 3.44 -3.54	58.00 3.64 -13.90	57.11 3.86 -10.37	46.49 3.32 -4.56	36.87 2.57 -0.47	31.08 2.38 -0.71	27.20 2.08 0.00	24.49 1.58 0.00
RAVENSWOOD_GT_1 23729	22.67 1.32 -0.01	21.16 1.04 -0.01	19.70 0.95 -0.01	18.90 0.83 -0.01	19.29 0.85 -0.01	20.93 1.01 -0.01	28.52 1.86 -1.46	33.94 2.11 -5.16	38.02 2.20 -11.09	37.99 2.16 -12.15	38.02 2.26 -10.33	38.28 2.26 -10.58	38.53 2.29 -11.31	38.83 2.77 -5.60	38.65 2.94 -1.84	41.71 3.13 -2.17	46.42 3.32 -3.54	58.00 3.64 -13.90	57.02 3.77 -10.37	46.41 3.24 -4.56	36.90 2.60 -0.47	33.03 2.49 -2.54	27.31 2.18 -0.01	24.59 1.67 -0.01

RAVENSWOOD_GT_10 24258	22.58 1.24 0.00	21.05 0.94 0.00	19.61 0.88 0.00	18.92 0.87 0.00	19.32 0.89 0.00	20.84 0.94 0.00	28.39 1.74 -1.45	31.02 1.97 -2.37	30.02 2.08 -3.22	27.22 2.01 -1.52	30.14 2.11 -2.59	30.36 2.11 -2.82	31.33 2.14 -4.26	35.19 2.59 -2.14	38.25 2.81 -1.57	41.53 2.95 -2.17	46.46 3.36 -3.54	57.92 3.56 -13.90	57.02 3.77 -10.37	46.41 3.24 -4.56	36.80 2.50 -0.47	31.03 2.32 -0.71	27.18 2.06 0.00	24.44 1.53 0.00
RAVENSWOOD_GT_11 24259	22.53 1.19 0.00	21.05 0.95 0.00	19.59 0.86 0.00	18.80 0.74 0.00	19.19 0.76 0.00	20.82 0.92 0.00	28.39 1.74 -1.45	31.02 1.97 -2.37	30.00 2.05 -3.22	27.24 2.04 -1.52	30.13 2.11 -2.59	30.36 2.11 -2.82	31.33 2.14 -4.26	35.19 2.59 -2.14	38.15 2.71 -1.57	41.56 2.99 -2.17	46.50 3.40 -3.54	57.96 3.60 -13.90	57.02 3.77 -10.37	46.41 3.24 -4.56	36.74 2.44 -0.47	31.03 2.32 -0.71	27.15 2.03 0.00	24.44 1.53 0.00
RAVENSWOOD_GT_4 24252	22.55 1.22 0.00	21.05 0.94 0.00	19.61 0.88 0.00	18.92 0.87 0.00	19.30 0.87 0.00	20.82 0.92 0.00	28.37 1.71 -1.45	31.02 1.97 -2.37	30.02 2.08 -3.22	27.22 2.01 -1.52	30.14 2.11 -2.59	30.34 2.09 -2.82	31.30 2.12 -4.26	35.19 2.59 -2.14	38.25 2.81 -1.57	41.53 2.95 -2.17	46.46 3.36 -3.54	57.92 3.56 -13.90	57.02 3.77 -10.37	46.41 3.24 -4.56	36.80 2.50 -0.47	31.03 2.32 -0.71	27.15 2.03 0.00	24.44 1.53 0.00
RAVENSWOOD_GT_5 24254	22.55 1.22 0.00	21.05 0.94 0.00	19.61 0.88 0.00	18.92 0.87 0.00	19.30 0.87 0.00	20.82 0.92 0.00	28.37 1.71 -1.45	31.02 1.97 -2.37	30.02 2.08 -3.22	27.22 2.01 -1.52	30.14 2.11 -2.59	30.34 2.09 -2.82	31.30 2.12 -4.26	35.19 2.59 -2.14	38.25 2.81 -1.57	41.53 2.95 -2.17	46.46 3.36 -3.54	57.92 3.56 -13.90	57.02 3.77 -10.37	46.41 3.24 -4.56	36.80 2.50 -0.47	31.03 2.32 -0.71	27.15 2.03 0.00	24.44 1.53 0.00
RAVENSWOOD_GT_6 24253	22.55 1.22 0.00	21.05 0.94 0.00	19.61 0.88 0.00	18.92 0.87 0.00	19.30 0.87 0.00	20.82 0.92 0.00	28.37 1.71 -1.45	31.02 1.97 -2.37	30.02 2.08 -3.22	27.22 2.01 -1.52	30.14 2.11 -2.59	30.34 2.09 -2.82	31.30 2.12 -4.26	35.19 2.59 -2.14	38.25 2.81 -1.57	41.53 2.95 -2.17	46.46 3.36 -3.54	57.92 3.56 -13.90	57.02 3.77 -10.37	46.41 3.24 -4.56	36.80 2.50 -0.47	31.03 2.32 -0.71	27.15 2.03 0.00	24.44 1.53 0.00
RAVENSWOOD_GT_7 24255	22.55 1.22 0.00	21.05 0.94 0.00	19.61 0.88 0.00	18.92 0.87 0.00	19.30 0.87 0.00	20.82 0.92 0.00	28.37 1.71 -1.45	31.02 1.97 -2.37	30.02 2.08 -3.22	27.22 2.01 -1.52	30.14 2.11 -2.59	30.34 2.09 -2.82	31.30 2.12 -4.26	35.19 2.59 -2.14	38.25 2.81 -1.57	41.53 2.95 -2.17	46.46 3.36 -3.54	57.92 3.56 -13.90	57.02 3.77 -10.37	46.41 3.24 -4.56	36.80 2.50 -0.47	31.03 2.32 -0.71	27.15 2.03 0.00	24.44 1.53 0.00
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	22.58 1.24 0.00	21.05 0.94 0.00	19.61 0.88 0.00	18.92 0.87 0.00	19.32 0.89 0.00	20.84 0.94 0.00	28.39 1.74 -1.45	31.02 1.97 -2.37	30.02 2.08 -3.22	27.22 2.01 -1.52	30.14 2.11 -2.59	30.36 2.11 -2.82	31.33 2.14 -4.26	35.19 2.59 -2.14	38.25 2.81 -1.57	41.53 2.95 -2.17	46.46 3.36 -3.54	57.92 3.56 -13.90	57.02 3.77 -10.37	46.41 3.24 -4.56	36.80 2.50 -0.47	31.03 2.32 -0.71	27.18 2.06 0.00	24.44 1.53 0.00
RAVENSWOOD_GT_9 24257	22.58 1.24 0.00	21.05 0.94 0.00	19.61 0.88 0.00	18.92 0.87 0.00	19.32 0.89 0.00	20.84 0.94 0.00	28.39 1.74 -1.45	31.02 1.97 -2.37	30.02 2.08 -3.22	27.22 2.01 -1.52	30.14 2.11 -2.59	30.36 2.11 -2.82	31.33 2.14 -4.26	35.19 2.59 -2.14	38.25 2.81 -1.57	41.53 2.95 -2.17	46.46 3.36 -3.54	57.92 3.56 -13.90	57.02 3.77 -10.37	46.41 3.24 -4.56	36.80 2.50 -0.47	31.03 2.32 -0.71	27.18 2.06 0.00	24.44 1.53 0.00
RAVENSWOOD___1 23533	22.65 1.30 -0.01	21.16 1.04 -0.01	19.68 0.94 -0.01	18.88 0.81 -0.01	19.29 0.85 -0.01	20.93 1.01 -0.01	28.50 1.84 -1.46	33.94 2.11 -5.16	38.00 2.18 -11.09	37.97 2.13 -12.15	38.00 2.24 -10.33	38.25 2.24 -10.58	38.50 2.27 -11.31	38.80 2.74 -5.60	38.58 2.88 -1.84	41.67 3.09 -2.17	46.42 3.32 -3.54	58.00 3.64 -13.90	57.02 3.77 -10.37	46.41 3.24 -4.56	36.87 2.57 -0.47	33.00 2.46 -2.54	27.29 2.16 -0.01	24.57 1.65 -0.01
RAVENSWOOD___2 23534	22.60 1.26 -0.01	21.10 0.98 -0.01	19.64 0.90 -0.01	18.84 0.78 -0.01	19.26 0.81 -0.01	20.87 0.96 -0.01	28.45 1.79 -1.46	33.86 2.03 -5.16	37.92 2.10 -11.09	37.92 2.08 -12.15	37.92 2.16 -10.33	38.15 2.14 -10.58	38.38 2.14 -11.31	38.62 2.56 -5.60	38.38 2.67 -1.84	41.42 2.84 -2.17	46.07 2.97 -3.54	57.63 3.28 -13.90	56.63 3.39 -10.37	46.06 2.90 -4.56	36.77 2.47 -0.47	32.94 2.41 -2.54	27.21 2.08 -0.01	24.52 1.60 -0.01
RAVENSWOOD___3 23535	22.53 1.19 0.00	21.05 0.95 0.00	19.59 0.86 0.00	18.80 0.74 0.00	19.19 0.76 0.00	20.82 0.92 0.00	28.37 1.71 -1.45	31.02 1.97 -2.37	30.00 2.05 -3.22	27.21 2.01 -1.52	30.13 2.11 -2.59	30.36 2.11 -2.82	31.33 2.14 -4.26	35.19 2.59 -2.14	38.15 2.71 -1.57	41.56 2.99 -2.17	46.50 3.40 -3.54	57.96 3.60 -13.90	57.02 3.77 -10.37	46.41 3.24 -4.56	36.74 2.44 -0.47	31.03 2.32 -0.71	27.15 2.03 0.00	24.44 1.53 0.00
RAVENSWOOD___4 23820	22.63 1.28 -0.01	21.14 1.02 -0.01	19.68 0.94 -0.01	18.86 0.79 -0.01	19.28 0.83 -0.01	20.91 0.99 -0.01	28.50 1.84 -1.46	33.92 2.08 -5.16	37.97 2.15 -11.09	37.94 2.11 -12.15	37.97 2.21 -10.33	38.22 2.21 -10.58	38.48 2.24 -11.31	38.77 2.71 -5.60	38.55 2.84 -1.84	41.67 3.09 -2.17	46.42 3.32 -3.54	57.96 3.60 -13.90	56.98 3.73 -10.37	46.41 3.24 -4.56	36.87 2.57 -0.47	32.97 2.43 -2.54	27.26 2.13 -0.01	24.54 1.63 -0.01
RCPL_TRUST___DRP 24196	22.55 1.22 0.00	21.05 0.94 0.00	19.61 0.88 0.00	18.92 0.87 0.00	19.30 0.87 0.00	20.82 0.92 0.00	28.39 1.74 -1.45	31.05 2.00 -2.37	30.07 2.13 -3.22	27.26 2.06 -1.52	30.19 2.16 -2.59	30.41 2.16 -2.82	31.38 2.19 -4.26	35.29 2.68 -2.14	38.35 2.91 -1.57	41.60 3.02 -2.17	46.62 3.52 -3.54	58.04 3.68 -13.90	57.15 3.90 -10.37	46.49 3.32 -4.56	36.84 2.54 -0.47	31.05 2.35 -0.71	27.18 2.06 0.00	24.44 1.53 0.00
RED___ROCHESTER 323720	21.72 0.38 0.00	20.37 0.26 0.00	18.77 0.04 0.00	18.07 0.02 0.00	18.42 -0.02 0.00	20.05 0.14 0.00	25.42 0.23 0.00	26.94 0.27 0.00	24.95 0.22 0.00	23.92 0.24 0.00	25.71 0.28 0.00	25.76 0.33 0.00	25.42 0.50 0.00	31.01 0.55 0.00	34.74 0.88 0.00	37.14 0.73 0.00	41.22 1.66 0.00	42.12 1.66 0.00	44.93 2.06 0.00	39.77 1.16 0.00	34.10 0.27 0.00	28.02 0.03 0.00	25.22 0.10 0.00	23.20 0.30 0.00
REGAN___SOLAR 323812	23.75 2.41 0.00	22.34 2.23 0.00	20.83 2.10 0.00	20.06 2.00 0.00	20.50 2.06 0.00	22.33 2.43 0.00	28.56 2.90 -0.46	30.63 3.20 -0.75	28.64 2.89 -1.02	26.58 2.42 -0.48	28.62 2.37 -0.82	28.64 2.31 -0.90	28.67 2.32 -1.42	34.08 3.05 -0.57	37.29 3.55 0.13	40.80 4.22 -0.17	46.65 5.82 -1.28	52.13 6.55 -5.12	54.11 7.46 -3.77	46.52 6.30 -1.61	39.25 5.27 -0.15	32.41 4.17 -0.25	28.49 3.37 0.00	25.61 2.70 0.00

RENSSELAER___COGEN 23796	21.55 0.21 0.00	20.29 0.18 0.00	18.98 0.24 0.00	18.29 0.23 0.00	18.71 0.28 0.00	20.08 0.18 0.00	26.08 0.40 -0.48	28.00 0.53 -0.79	26.34 0.54 -1.07	24.69 0.50 -0.50	26.72 0.43 -0.86	26.80 0.43 -0.93	26.70 0.27 -1.50	31.37 0.30 -0.60	33.97 0.27 0.16	37.01 0.44 -0.16	41.64 0.71 -1.37	46.93 1.01 -5.46	47.93 1.03 -4.03	41.21 0.89 -1.71	34.72 0.74 -0.16	28.90 0.64 -0.26	25.82 0.70 0.00	23.34 0.43 0.00
REPUBLIC_115KV_BARTNBRK 55605	22.47 1.13 0.00	20.95 0.84 0.00	19.56 0.82 0.00	19.01 0.96 0.00	20.26 1.83 0.00	22.06 2.15 0.00	28.19 2.52 -0.47	30.65 3.20 -0.77	28.80 3.02 -1.05	26.93 2.75 -0.50	29.13 2.85 -0.85	29.12 2.77 -0.92	28.85 2.47 -1.46	34.10 3.08 -0.56	37.14 3.49 0.21	40.46 3.93 -0.12	46.01 5.14 -1.31	51.54 5.83 -5.25	53.87 7.12 -3.88	46.17 5.91 -1.65	39.32 5.34 -0.15	32.28 4.03 -0.25	28.41 3.29 0.00	25.61 2.70 0.00
REVERE_CPPR_DRP 24186	21.98 0.64 0.00	20.73 0.62 0.00	19.26 0.52 0.00	18.49 0.43 0.00	18.90 0.46 0.00	20.60 0.70 0.00	26.03 0.83 0.00	27.66 0.99 0.00	25.45 0.72 0.00	24.32 0.64 0.00	26.20 0.76 0.00	26.22 0.79 0.00	25.70 0.77 0.00	31.59 1.13 0.00	35.22 1.35 0.00	37.94 1.53 0.00	41.69 2.14 0.00	42.80 2.35 0.00	45.58 2.70 0.00	40.81 2.20 0.00	35.42 1.59 0.00	29.09 1.09 0.00	26.00 0.88 0.00	23.78 0.87 0.00
REYNOLDS_115KV_TB3 80639	21.74 0.41 0.00	20.47 0.36 0.00	19.14 0.41 0.00	18.54 0.49 0.00	18.94 0.50 0.00	20.28 0.38 0.00	26.29 0.60 -0.49	28.28 0.80 -0.80	26.56 0.74 -1.09	24.88 0.69 -0.51	26.94 0.64 -0.88	27.00 0.61 -0.95	26.97 0.52 -1.52	31.66 0.61 -0.58	34.34 0.71 0.24	37.24 0.73 -0.10	41.96 1.03 -1.38	47.25 1.29 -5.50	48.39 1.46 -4.06	41.54 1.20 -1.73	35.07 1.08 -0.16	29.16 0.90 -0.27	26.02 0.90 0.00	23.48 0.57 0.00
RIVERBAY____ 323610	22.72 1.39 0.00	21.31 1.21 0.00	19.84 1.11 0.00	19.05 0.99 0.00	19.45 1.01 0.00	21.04 1.15 0.02	28.55 1.92 -1.44	31.20 2.16 -2.37	30.19 2.25 -3.21	27.35 2.16 -1.51	30.31 2.29 -2.58	30.51 2.26 -2.81	31.47 2.29 -4.25	35.40 2.80 -2.13	38.44 3.01 -1.56	41.67 3.09 -2.17	46.46 3.36 -3.54	58.00 3.64 -13.90	57.11 3.86 -10.37	46.49 3.32 -4.56	37.00 2.71 -0.47	31.21 2.52 -0.70	27.34 2.24 0.02	24.63 1.72 0.00
RIVERSDE_115KV_TB3 55908	21.68 0.34 0.00	20.41 0.30 0.00	19.09 0.36 0.00	18.51 0.45 0.00	18.88 0.44 0.00	20.22 0.32 0.00	26.21 0.53 -0.48	28.19 0.72 -0.79	26.50 0.69 -1.08	24.81 0.62 -0.51	26.89 0.58 -0.87	26.94 0.56 -0.94	26.88 0.45 -1.51	31.60 0.55 -0.59	34.30 0.64 0.20	37.19 0.66 -0.13	41.87 0.95 -1.37	47.13 1.21 -5.46	48.32 1.41 -4.03	41.48 1.16 -1.72	35.00 1.01 -0.16	29.10 0.84 -0.26	25.97 0.85 0.00	23.43 0.53 0.00
ROARING___BROOK_WT_PWR 323790	21.32 -0.02 0.00	20.09 -0.02 0.00	18.73 0.00 0.00	18.06 0.00 0.00	18.44 0.00 0.00	19.93 0.02 0.00	25.25 0.05 0.00	26.73 0.05 0.00	24.75 0.02 0.00	23.71 0.02 0.00	25.46 0.03 0.00	25.43 0.00 0.00	24.92 0.00 0.00	30.43 -0.03 0.00	33.80 -0.07 0.00	36.34 -0.07 0.00	39.51 -0.04 0.00	40.38 -0.08 0.00	42.49 -0.39 0.00	37.72 -0.89 0.00	32.64 -1.18 0.00	26.82 -1.17 0.00	23.94 -1.18 0.00	21.76 -1.14 0.00
ROCHESRG_115KV_T4 355643	21.44 0.11 0.00	20.15 0.04 0.00	18.53 -0.21 0.00	17.60 -0.45 0.00	18.00 -0.44 0.00	19.81 -0.10 0.00	25.15 -0.05 0.00	26.57 -0.11 0.00	24.63 -0.10 0.00	23.61 -0.07 0.00	25.41 -0.03 0.00	25.43 0.00 0.00	25.07 0.15 0.00	30.56 0.09 0.00	33.83 -0.03 0.00	36.33 -0.07 0.00	40.46 0.91 0.00	41.31 0.85 0.00	44.12 1.24 0.00	39.04 0.42 0.00	33.52 -0.30 0.00	27.63 -0.36 0.00	24.84 -0.28 0.00	22.93 0.02 0.00
ROCHESTER_9_IC 23652	21.57 0.23 0.00	20.25 0.14 0.00	18.64 -0.09 0.00	17.69 -0.36 0.00	18.09 -0.35 0.00	19.93 0.02 0.00	25.30 0.10 0.00	26.73 0.05 0.00	24.78 0.05 0.00	23.76 0.07 0.00	25.56 0.13 0.00	25.61 0.18 0.00	25.25 0.32 0.00	30.80 0.34 0.00	34.07 0.20 0.00	36.63 0.22 0.00	40.82 1.27 0.00	41.67 1.21 0.00	44.55 1.67 0.00	39.38 0.77 0.00	33.79 -0.03 0.00	27.83 -0.17 0.00	25.02 -0.10 0.00	23.09 0.18 0.00
ROCKVIEW_13_KV_LD 356306	22.55 1.22 0.00	21.05 0.94 0.00	19.61 0.88 0.00	18.92 0.87 0.00	19.32 0.89 0.00	20.84 0.94 0.00	28.39 1.74 -1.45	31.05 2.00 -2.38	30.00 2.05 -3.22	27.17 1.97 -1.52	30.11 2.09 -2.59	30.34 2.09 -2.82	31.30 2.12 -4.26	35.16 2.56 -2.14	38.28 2.84 -1.57	41.60 3.02 -2.17	46.66 3.56 -3.54	58.12 3.76 -13.90	57.28 4.03 -10.38	46.64 3.47 -4.56	36.90 2.60 -0.47	31.06 2.35 -0.71	27.15 2.03 0.00	24.44 1.53 0.00
ROME____115KV_TB2 80656	21.98 0.64 0.00	20.73 0.62 0.00	19.26 0.52 0.00	18.49 0.43 0.00	18.90 0.46 0.00	20.60 0.70 0.00	26.03 0.83 0.00	27.66 0.99 0.00	25.45 0.72 0.00	24.32 0.64 0.00	26.20 0.76 0.00	26.22 0.79 0.00	25.70 0.77 0.00	31.59 1.13 0.00	35.22 1.35 0.00	37.94 1.53 0.00	41.69 2.14 0.00	42.80 2.35 0.00	45.58 2.70 0.00	40.81 2.20 0.00	35.42 1.59 0.00	29.09 1.09 0.00	26.00 0.88 0.00	23.78 0.87 0.00
ROSETON___1 23587	21.91 0.58 0.00	20.57 0.46 0.00	19.26 0.52 0.00	18.54 0.49 0.00	18.95 0.52 0.00	20.36 0.46 0.00	26.67 0.83 -0.64	28.71 0.99 -1.05	27.12 0.96 -1.42	25.30 0.95 -0.67	27.52 0.94 -1.15	27.59 0.91 -1.25	27.55 0.67 -1.95	32.22 0.76 -0.99	35.05 0.61 -0.58	37.90 0.62 -0.88	42.12 0.83 -1.74	49.06 1.26 -7.35	49.59 1.33 -5.38	41.98 1.12 -2.25	35.07 1.05 -0.19	29.37 1.04 -0.34	26.28 1.16 0.00	23.76 0.85 0.00
ROSETON___2 23588	21.91 0.58 0.00	20.57 0.46 0.00	19.26 0.52 0.00	18.54 0.49 0.00	18.95 0.52 0.00	20.36 0.46 0.00	26.67 0.83 -0.64	28.71 0.99 -1.05	27.12 0.96 -1.42	25.30 0.95 -0.67	27.52 0.94 -1.15	27.59 0.91 -1.25	27.55 0.67 -1.95	32.22 0.76 -0.99	35.05 0.61 -0.58	37.90 0.62 -0.88	42.12 0.83 -1.74	49.06 1.26 -7.35	49.59 1.33 -5.38	41.98 1.12 -2.25	35.07 1.05 -0.19	29.37 1.04 -0.34	26.28 1.16 0.00	23.76 0.85 0.00
ROTTDAM_115KV_TB3 80664	22.02 0.68 0.00	20.69 0.58 0.00	19.35 0.62 0.00	18.69 0.63 0.00	19.08 0.65 0.00	20.52 0.62 0.00	26.52 0.86 -0.46	28.50 1.07 -0.75	26.74 0.99 -1.02	25.09 0.92 -0.48	27.17 0.92 -0.82	27.22 0.89 -0.90	27.17 0.82 -1.42	32.07 1.04 -0.57	34.88 1.15 0.13	37.82 1.24 -0.17	42.45 1.62 -1.28	47.43 1.86 -5.12	48.79 2.14 -3.77	42.04 1.81 -1.61	35.53 1.56 -0.15	29.53 1.29 -0.25	26.25 1.13 0.00	23.76 0.85 0.00
RUSSELL___1 23602	21.68 0.34 0.00	20.35 0.24 0.00	18.70 -0.04 0.00	17.79 -0.27 0.00	18.16 -0.28 0.00	20.02 0.12 0.00	25.43 0.23 0.00	26.89 0.21 0.00	24.90 0.17 0.00	23.87 0.19 0.00	25.71 0.28 0.00	25.76 0.33 0.00	25.42 0.50 0.00	30.98 0.52 0.00	34.30 0.44 0.00	36.88 0.47 0.00	41.14 1.58 0.00	41.99 1.54 0.00	44.89 2.02 0.00	39.69 1.08 0.00	34.03 0.20 0.00	27.99 0.00 0.00	25.17 0.05 0.00	23.21 0.30 0.00

RUSSELL___2 23532	21.68 0.34 0.00	20.35 0.24 0.00	18.70 -0.04 0.00	17.79 -0.27 0.00	18.16 -0.28 0.00	20.02 0.12 0.00	25.43 0.23 0.00	26.89 0.21 0.00	24.90 0.17 0.00	23.87 0.19 0.00	25.71 0.28 0.00	25.76 0.33 0.00	25.42 0.50 0.00	30.98 0.52 0.00	34.30 0.44 0.00	36.88 0.47 0.00	41.14 1.58 0.00	41.99 1.54 0.00	44.89 2.02 0.00	39.69 1.08 0.00	34.03 0.20 0.00	27.99 0.00 0.00	25.17 0.05 0.00	23.21 0.30 0.00
RUSSELL___3 23549	21.68 0.34 0.00	20.35 0.24 0.00	18.70 -0.04 0.00	17.79 -0.27 0.00	18.16 -0.28 0.00	20.02 0.12 0.00	25.43 0.23 0.00	26.89 0.21 0.00	24.90 0.17 0.00	23.87 0.19 0.00	25.71 0.28 0.00	25.76 0.33 0.00	25.42 0.50 0.00	30.98 0.52 0.00	34.30 0.44 0.00	36.88 0.47 0.00	41.14 1.58 0.00	41.99 1.54 0.00	44.89 2.02 0.00	39.69 1.08 0.00	34.03 0.20 0.00	27.99 0.00 0.00	25.17 0.05 0.00	23.21 0.30 0.00
RUSSELL___4 23556	21.68 0.34 0.00	20.35 0.24 0.00	18.70 -0.04 0.00	17.79 -0.27 0.00	18.16 -0.28 0.00	20.02 0.12 0.00	25.43 0.23 0.00	26.89 0.21 0.00	24.90 0.17 0.00	23.87 0.19 0.00	25.71 0.28 0.00	25.76 0.33 0.00	25.42 0.50 0.00	30.98 0.52 0.00	34.30 0.44 0.00	36.88 0.47 0.00	41.14 1.58 0.00	41.99 1.54 0.00	44.89 2.02 0.00	39.69 1.08 0.00	34.03 0.20 0.00	27.99 0.00 0.00	25.17 0.05 0.00	23.21 0.30 0.00
RUSSELL___STATION 23914	21.68 0.34 0.00	20.35 0.24 0.00	18.70 -0.04 0.00	17.79 -0.27 0.00	18.16 -0.28 0.00	20.02 0.12 0.00	25.43 0.23 0.00	26.89 0.21 0.00	24.90 0.17 0.00	23.87 0.19 0.00	25.71 0.28 0.00	25.76 0.33 0.00	25.42 0.50 0.00	30.98 0.52 0.00	34.30 0.44 0.00	36.88 0.47 0.00	41.14 1.58 0.00	41.99 1.54 0.00	44.89 2.02 0.00	39.69 1.08 0.00	34.03 0.20 0.00	27.99 0.00 0.00	25.17 0.05 0.00	23.21 0.30 0.00
S SALMON___HYD 24043	21.76 0.43 0.00	20.45 0.34 0.00	18.98 0.24 0.00	18.31 0.25 0.00	18.70 0.26 0.00	20.24 0.34 0.00	25.60 0.40 0.00	27.10 0.43 0.00	24.95 0.22 0.00	23.87 0.19 0.00	25.76 0.33 0.00	25.84 0.41 0.00	25.32 0.40 0.00	31.04 0.58 0.00	34.47 0.61 0.00	37.06 0.66 0.00	40.78 1.23 0.00	41.87 1.42 0.00	44.55 1.67 0.00	39.88 1.27 0.00	34.67 0.85 0.00	28.75 0.76 0.00	25.72 0.60 0.00	23.57 0.66 0.00
S.PERRY___115KV_TB1 80734	22.47 1.13 0.00	21.05 0.94 0.00	19.28 0.54 0.00	18.27 0.22 0.00	18.68 0.24 0.00	20.74 0.84 0.00	26.43 1.23 0.00	27.96 1.28 0.00	25.82 1.09 0.00	24.68 0.99 0.00	26.48 1.04 0.00	26.42 0.99 0.00	26.05 1.12 0.00	31.10 0.64 0.00	34.47 0.61 0.00	37.17 0.76 0.00	41.85 2.29 0.00	43.01 2.55 0.00	46.13 3.26 0.00	40.58 1.97 0.00	34.57 0.74 0.00	28.39 0.39 0.00	26.02 0.90 0.00	24.03 1.12 0.00
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	21.68 0.34 0.00	20.31 0.20 0.00	18.45 -0.28 0.00	17.24 -0.81 0.00	17.59 -0.85 0.00	19.79 -0.12 0.00	25.17 -0.03 0.00	26.35 -0.32 0.00	24.63 -0.10 0.00	23.78 0.09 0.00	25.46 0.03 0.00	25.48 0.05 0.00	25.25 0.32 0.00	30.71 0.24 0.00	33.66 -0.20 0.00	36.08 -0.33 0.00	40.78 1.23 0.00	41.59 1.13 0.00	44.63 1.76 0.00	38.69 0.08 0.00	32.64 -1.18 0.00	26.82 -1.18 0.00	24.27 -0.85 0.00	22.84 -0.07 0.00
SAWYER___23_KV_LOAD 55526	21.68 0.34 0.00	20.31 0.20 0.00	18.45 -0.28 0.00	17.24 -0.81 0.00	17.59 -0.85 0.00	19.79 -0.12 0.00	25.17 -0.03 0.00	26.35 -0.32 0.00	24.63 -0.10 0.00	23.78 0.09 0.00	25.46 0.03 0.00	25.48 0.05 0.00	25.25 0.32 0.00	30.71 0.24 0.00	33.66 -0.20 0.00	36.08 -0.33 0.00	40.78 1.23 0.00	41.59 1.13 0.00	44.63 1.76 0.00	38.69 0.08 0.00	32.64 -1.18 0.00	26.82 -1.18 0.00	24.27 -0.85 0.00	22.84 -0.07 0.00
SELKIRK___I 23801	21.83 0.49 0.00	20.55 0.44 0.00	19.24 0.51 0.00	18.54 0.49 0.00	18.95 0.52 0.00	20.34 0.44 0.00	26.29 0.65 -0.44	28.20 0.80 -0.72	26.48 0.77 -0.98	24.86 0.71 -0.46	26.91 0.69 -0.79	26.95 0.66 -0.86	26.33 -0.05 -1.45	31.09 -0.06 -0.68	33.71 -0.13 0.02	36.66 -0.04 -0.29	41.20 0.20 -1.45	46.62 0.57 -5.60	47.58 0.60 -4.11	40.83 0.50 -1.72	34.45 0.47 -0.15	28.65 0.39 -0.26	26.13 1.01 0.00	23.64 0.73 0.00
SELKIRK___II 23799	21.68 0.34 0.00	20.41 0.30 0.00	19.09 0.36 0.00	18.40 0.34 0.00	18.81 0.37 0.00	20.18 0.28 0.00	26.20 0.53 -0.47	28.08 0.64 -0.77	26.41 0.64 -1.04	24.77 0.59 -0.49	26.83 0.56 -0.84	26.88 0.53 -0.91	26.60 0.20 -1.47	31.34 0.24 -0.63	34.00 0.20 0.07	36.98 0.33 -0.24	41.48 0.55 -1.37	46.73 0.85 -5.42	47.68 0.81 -3.99	41.04 0.73 -1.69	34.59 0.61 -0.15	28.81 0.56 -0.26	25.92 0.80 0.00	23.43 0.53 0.00
SENECA OSWGO___HYD 24041	21.76 0.43 0.00	20.43 0.32 0.00	18.96 0.23 0.00	18.29 0.23 0.00	18.68 0.24 0.00	20.24 0.34 0.00	25.55 0.35 0.00	27.00 0.32 0.00	24.95 0.22 0.00	23.90 0.21 0.00	25.76 0.33 0.00	25.79 0.36 0.00	25.27 0.35 0.00	30.92 0.46 0.00	34.30 0.44 0.00	36.88 0.47 0.00	40.62 1.07 0.00	41.63 1.17 0.00	44.16 1.29 0.00	39.54 0.93 0.00	34.33 0.51 0.00	28.58 0.59 0.00	25.60 0.48 0.00	23.48 0.57 0.00
SENECA___115KV_TB3 355854	22.06 0.73 0.00	20.65 0.54 0.00	18.75 0.02 0.00	17.55 -0.51 0.00	17.90 -0.53 0.00	20.12 0.22 0.00	25.63 0.43 0.00	26.86 0.19 0.00	25.10 0.37 0.00	24.25 0.57 0.00	25.97 0.53 0.00	26.02 0.58 0.00	25.77 0.85 0.00	31.38 0.91 0.00	34.47 0.61 0.00	36.95 0.55 0.00	41.77 2.22 0.00	42.60 2.14 0.00	45.66 2.79 0.00	39.58 0.97 0.00	33.35 -0.47 0.00	27.32 -0.67 0.00	24.64 -0.48 0.00	23.23 0.32 0.00
SENECA___ENERGY 23797	21.47 0.13 0.00	20.15 0.04 0.00	18.64 -0.09 0.00	17.98 -0.07 0.00	18.36 -0.07 0.00	19.95 0.04 0.00	25.27 0.08 0.00	26.73 0.05 0.00	24.70 -0.02 0.00	23.64 -0.05 0.00	25.41 -0.03 0.00	25.41 -0.03 0.00	24.97 0.05 0.00	30.49 0.03 0.00	34.10 0.24 0.00	36.66 0.26 0.00	40.50 0.95 0.00	41.51 1.05 0.00	44.07 1.20 0.00	39.27 0.66 0.00	33.89 0.07 0.00	27.97 -0.03 0.00	25.09 -0.03 0.00	23.07 0.16 0.00
SHOEMAKER___GT 23640	22.19 0.85 0.00	20.77 0.66 0.00	19.33 0.60 0.00	18.58 0.52 0.00	18.94 0.50 0.00	20.48 0.58 0.00	24.97 1.11 1.33	25.77 1.25 2.16	23.09 1.29 2.92	23.56 1.25 1.38	24.40 1.32 2.35	24.17 1.30 2.56	20.63 1.35 5.64	28.41 1.67 3.73	34.86 1.79 0.80	36.56 2.07 1.93	34.69 2.53 7.39	14.03 2.71 29.14	24.99 2.92 20.80	32.95 2.43 8.09	35.23 1.83 0.43	28.46 1.65 1.19	26.53 1.41 0.00	24.01 1.10 0.00
SHOEMAKR_138KV_BK 111 55601	22.21 0.87 0.00	20.77 0.66 0.00	19.33 0.60 0.00	18.67 0.61 0.00	19.03 0.59 0.00	20.48 0.58 0.00	24.98 1.08 1.30	25.82 1.25 2.10	23.18 1.31 2.85	23.59 1.26 1.35	24.46 1.32 2.30	24.23 1.30 2.50	19.26 1.35 7.01	26.69 1.68 5.45	34.62 1.86 1.11	35.87 2.04 2.58	31.20 2.49 10.84	0.61 2.63 42.47	15.78 2.87 29.97	29.74 2.39 11.27	35.24 1.83 0.42	27.99 1.62 1.63	26.53 1.41 0.00	23.98 1.08 0.00

SHOREHAM_IC_1 23715	31.33 2.09 -7.90	37.32 1.85 -15.36	26.00 1.70 -5.57	21.83 1.32 -2.46	22.18 1.40 -2.34	25.51 1.81 -3.80	39.16 3.02 -10.94	41.91 3.25 -11.99	41.89 3.21 -13.95	39.12 3.08 -12.35	36.28 3.08 -7.77	36.99 3.03 -8.53	38.13 2.96 -10.24	40.17 3.35 -6.36	62.70 3.83 -25.01	46.54 4.33 -5.80	64.02 4.74 -19.72	72.81 4.97 -27.37	91.31 5.19 -43.25	100.58 4.59 -57.38	100.42 3.82 -62.77	47.51 3.39 -16.13	38.90 3.17 -10.61	36.30 2.63 -10.76
SHOREHAM_IC_2 23716	31.33 2.09 -7.90	37.32 1.85 -15.36	26.00 1.70 -5.57	21.83 1.32 -2.46	22.18 1.40 -2.34	25.51 1.81 -3.80	39.16 3.02 -10.94	41.91 3.25 -11.99	41.89 3.21 -13.95	39.12 3.08 -12.35	36.28 3.08 -7.77	36.99 3.03 -8.53	38.13 2.96 -10.24	40.17 3.35 -6.36	62.70 3.83 -25.01	46.54 4.33 -5.80	64.02 4.74 -19.72	72.81 4.97 -27.37	91.31 5.19 -43.25	100.58 4.59 -57.38	100.42 3.82 -62.77	47.51 3.39 -16.13	38.90 3.17 -10.61	36.30 2.63 -10.76
SISSONVILLE____ 23735	21.25 -0.09 0.00	20.17 0.06 0.00	18.77 0.04 0.00	18.09 0.04 0.00	18.47 0.04 0.00	20.02 0.12 0.00	25.20 0.00 0.00	26.68 0.00 0.00	24.68 -0.05 0.00	23.61 -0.07 0.00	25.43 0.00 0.00	25.46 0.03 0.00	24.95 0.02 0.00	30.56 0.09 0.00	34.03 0.17 0.00	36.74 0.33 0.00	39.24 -0.32 0.00	39.97 -0.49 0.00	41.42 -1.46 0.00	38.22 -0.39 0.00	33.76 -0.07 0.00	27.94 -0.06 0.00	25.02 -0.10 0.00	22.77 -0.14 0.00
SITHE_IND_GS1 24169	20.95 -0.38 0.00	19.70 -0.40 0.00	18.32 -0.41 0.00	17.66 -0.40 0.00	18.03 -0.41 0.00	19.51 -0.40 0.00	24.59 -0.61 0.00	25.90 -0.77 0.00	23.96 -0.77 0.00	22.95 -0.73 0.00	24.67 -0.76 0.00	24.67 -0.76 0.00	24.20 -0.72 0.00	29.55 -0.91 0.00	32.92 -0.95 0.00	35.35 -1.06 0.00	38.68 -0.87 0.00	39.57 -0.89 0.00	41.97 -0.90 0.00	37.65 -0.96 0.00	32.81 -1.01 0.00	27.16 -0.84 0.00	24.39 -0.73 0.00	22.45 -0.46 0.00
SITHE_IND_GS2 24170	20.95 -0.38 0.00	19.70 -0.40 0.00	18.32 -0.41 0.00	17.66 -0.40 0.00	18.03 -0.41 0.00	19.51 -0.40 0.00	24.59 -0.61 0.00	25.90 -0.77 0.00	23.96 -0.77 0.00	22.95 -0.73 0.00	24.67 -0.76 0.00	24.67 -0.76 0.00	24.20 -0.72 0.00	29.55 -0.91 0.00	32.92 -0.95 0.00	35.35 -1.06 0.00	38.68 -0.87 0.00	39.57 -0.89 0.00	41.97 -0.90 0.00	37.65 -0.96 0.00	32.81 -1.01 0.00	27.16 -0.84 0.00	24.39 -0.73 0.00	22.45 -0.46 0.00
SITHE_IND_GS3 24171	20.95 -0.38 0.00	19.70 -0.40 0.00	18.32 -0.41 0.00	17.66 -0.40 0.00	18.03 -0.41 0.00	19.51 -0.40 0.00	24.59 -0.61 0.00	25.90 -0.77 0.00	23.96 -0.77 0.00	22.95 -0.73 0.00	24.67 -0.76 0.00	24.67 -0.76 0.00	24.20 -0.72 0.00	29.55 -0.91 0.00	32.92 -0.95 0.00	35.35 -1.06 0.00	38.68 -0.87 0.00	39.57 -0.89 0.00	41.97 -0.90 0.00	37.65 -0.96 0.00	32.81 -1.01 0.00	27.16 -0.84 0.00	24.39 -0.73 0.00	22.45 -0.46 0.00
SITHE_IND_GS4 24172	20.95 -0.38 0.00	19.70 -0.40 0.00	18.32 -0.41 0.00	17.66 -0.40 0.00	18.03 -0.41 0.00	19.51 -0.40 0.00	24.59 -0.61 0.00	25.90 -0.77 0.00	23.96 -0.77 0.00	22.95 -0.73 0.00	24.67 -0.76 0.00	24.67 -0.76 0.00	24.20 -0.72 0.00	29.55 -0.91 0.00	32.92 -0.95 0.00	35.35 -1.06 0.00	38.68 -0.87 0.00	39.57 -0.89 0.00	41.97 -0.90 0.00	37.65 -0.96 0.00	32.81 -1.01 0.00	27.16 -0.84 0.00	24.39 -0.73 0.00	22.45 -0.46 0.00
SITHE____BATAVIA 24024	22.13 0.79 0.00	20.71 0.60 0.00	18.92 0.19 0.00	18.24 0.18 0.00	18.53 0.09 0.00	20.24 0.34 0.00	25.63 0.43 0.00	27.02 0.35 0.00	25.12 0.39 0.00	24.13 0.45 0.00	25.81 0.38 0.00	25.86 0.43 0.00	25.62 0.70 0.00	31.23 0.76 0.00	35.22 1.36 0.00	37.32 0.91 0.00	41.85 2.29 0.00	42.72 2.26 0.00	45.79 2.92 0.00	40.04 1.43 0.00	33.89 0.07 0.00	27.69 -0.31 0.00	25.02 -0.10 0.00	23.30 0.39 0.00
SITHE____INDEPEND 23800	20.93 -0.41 0.00	19.70 -0.40 0.00	18.30 -0.43 0.00	17.60 -0.45 0.00	17.98 -0.46 0.00	19.49 -0.42 0.00	24.59 -0.60 0.00	25.90 -0.77 0.00	23.94 -0.79 0.00	22.95 -0.73 0.00	24.67 -0.76 0.00	24.67 -0.76 0.00	24.20 -0.72 0.00	29.55 -0.91 0.00	32.85 -1.02 0.00	35.32 -1.09 0.00	38.64 -0.91 0.00	39.57 -0.89 0.00	41.97 -0.90 0.00	37.65 -0.97 0.00	32.78 -1.05 0.00	27.15 -0.84 0.00	24.39 -0.73 0.00	22.45 -0.46 0.00
SITHE____MASSENA 23902	21.19 -0.15 0.00	20.07 -0.04 0.00	18.70 -0.04 0.00	18.02 -0.04 0.00	18.38 -0.06 0.00	19.89 -0.02 0.00	25.00 -0.20 0.00	26.43 -0.24 0.00	24.50 -0.22 0.00	23.47 -0.21 0.00	25.23 -0.20 0.00	25.26 -0.18 0.00	24.75 -0.17 0.00	30.28 -0.18 0.00	33.66 -0.20 0.00	36.23 -0.18 0.00	38.88 -0.67 0.00	39.08 -1.38 0.00	41.33 -1.54 0.00	38.03 -0.58 0.00	33.66 -0.17 0.00	27.77 -0.22 0.00	24.87 -0.25 0.00	22.63 -0.27 0.00
SITHE____OGDNSBRG 24021	21.34 0.00 0.00	20.25 0.14 0.00	18.85 0.11 0.00	18.16 0.11 0.00	18.55 0.11 0.00	20.12 0.22 0.00	25.30 0.10 0.00	26.81 0.13 0.00	24.75 0.02 0.00	23.68 0.00 0.00	25.53 0.10 0.00	25.56 0.13 0.00	25.05 0.12 0.00	30.71 0.24 0.00	34.24 0.37 0.00	36.95 0.55 0.00	39.48 -0.08 0.00	40.38 -0.08 0.00	42.06 -0.81 0.00	38.80 0.19 0.00	34.27 0.44 0.00	28.22 0.22 0.00	25.22 0.10 0.00	22.95 0.05 0.00
SITHE____STERLING 23777	21.93 0.60 0.00	20.61 0.50 0.00	19.14 0.41 0.00	18.47 0.42 0.00	18.88 0.44 0.00	20.46 0.56 0.00	25.88 0.68 0.00	27.45 0.77 0.00	25.30 0.57 0.00	24.21 0.52 0.00	26.04 0.61 0.00	26.07 0.64 0.00	25.52 0.60 0.00	31.32 0.85 0.00	34.95 1.08 0.00	37.65 1.24 0.00	41.29 1.74 0.00	42.32 1.86 0.00	45.02 2.14 0.00	40.31 1.70 0.00	35.01 1.18 0.00	28.81 0.81 0.00	25.80 0.68 0.00	23.62 0.71 0.00
SLEIGHT__34_KV_TB1 80719	21.87 0.53 0.00	20.57 0.46 0.00	19.01 0.28 0.00	18.22 0.16 0.00	18.62 0.18 0.00	20.38 0.48 0.00	25.83 0.63 0.00	27.34 0.67 0.00	25.25 0.52 0.00	24.21 0.52 0.00	26.09 0.66 0.00	26.09 0.66 0.00	25.65 0.72 0.00	31.38 0.91 0.00	34.95 1.08 0.00	37.65 1.24 0.00	41.69 2.14 0.00	42.72 2.27 0.00	45.36 2.49 0.00	40.46 1.85 0.00	34.94 1.12 0.00	28.83 0.84 0.00	25.80 0.68 0.00	23.66 0.76 0.00
SOUTH CAIRO____GT 23612	22.25 0.92 0.00	20.89 0.78 0.00	19.50 0.77 0.00	18.83 0.78 0.00	19.14 0.70 0.00	20.48 0.58 0.00	26.37 0.83 -0.34	28.15 0.91 -0.57	26.39 0.89 -0.77	24.81 0.76 -0.36	26.69 0.64 -0.62	26.72 0.61 -0.68	26.73 0.42 -1.39	31.89 0.58 -0.85	34.67 0.71 -0.09	37.92 1.13 -0.38	43.02 1.74 -1.73	49.00 2.26 -6.28	50.03 2.62 -4.54	42.65 2.20 -1.84	35.99 2.03 -0.13	29.81 1.54 -0.28	26.70 1.58 0.00	24.10 1.19 0.00
SOUTH HAMPTN____IC 23720	31.49 2.35 -7.81	37.39 2.11 -15.18	26.16 1.93 -5.50	22.02 1.53 -2.43	22.37 1.62 -2.31	25.73 2.07 -3.75	39.45 3.43 -10.83	42.25 3.71 -11.87	42.21 3.66 -13.82	39.41 3.50 -12.22	36.70 3.56 -7.71	37.40 3.51 -8.46	38.53 3.44 -10.17	40.73 3.96 -6.31	63.08 4.47 -24.74	47.51 5.06 -6.04	64.75 5.61 -19.58	78.87 5.86 -32.55	112.61 6.18 -63.56	133.51 5.41 -89.49	133.03 4.43 -94.77	47.83 3.86 -15.97	39.20 3.57 -10.51	36.51 2.98 -10.63

SOUTHDOW_115KV_TB1 355954	22.87 1.54 0.00	21.37 1.27 0.00	19.33 0.60 0.00	18.13 0.07 0.00	18.47 0.04 0.00	20.86 0.96 0.00	26.61 1.41 0.00	28.04 1.36 0.00	26.29 1.56 0.00	25.48 1.80 0.00	27.26 1.83 0.00	27.29 1.86 0.00	27.04 2.12 0.00	33.15 2.68 0.00	36.47 2.61 0.00	39.07 2.66 0.00	44.18 4.63 0.00	45.11 4.65 0.00	48.28 5.40 0.00	41.58 2.97 0.00	34.77 0.95 0.00	28.25 0.25 0.00	25.35 0.23 0.00	23.78 0.87 0.00
SOUTHOLD_69_KV_BK 2 55809	32.11 2.97 -7.80	37.73 2.45 -15.17	26.49 2.27 -5.49	22.60 2.11 -2.43	22.96 2.21 -2.31	26.06 2.41 -3.75	39.90 3.88 -10.82	42.78 4.24 -11.87	42.67 4.13 -13.81	39.86 3.96 -12.22	37.18 4.04 -7.70	37.90 4.02 -8.45	39.02 3.94 -10.16	41.34 4.57 -6.31	63.91 5.32 -24.73	48.25 5.79 -6.05	65.73 6.61 -19.57	80.07 6.84 -32.78	114.63 7.29 -64.46	135.85 6.33 -90.91	135.26 5.24 -96.19	48.38 4.42 -15.96	39.65 4.02 -10.51	36.90 3.37 -10.62
SOUTHOLD___IC 23719	31.85 2.71 -7.81	37.75 2.47 -15.17	26.50 2.27 -5.50	22.33 1.84 -2.43	22.67 1.92 -2.31	26.06 2.41 -3.75	39.90 3.88 -10.82	42.78 4.24 -11.87	42.72 4.18 -13.81	39.86 3.96 -12.22	37.18 4.04 -7.71	37.91 4.02 -8.46	39.03 3.94 -10.17	41.31 4.54 -6.31	63.81 5.21 -24.73	48.32 5.86 -6.05	65.73 6.61 -19.57	80.15 6.92 -32.78	114.63 7.29 -64.46	135.89 6.37 -90.91	135.15 5.14 -96.19	48.38 4.42 -15.96	39.62 3.99 -10.51	36.90 3.37 -10.62
SPIERFLS_115KV_TB 1 80737	22.21 0.87 0.00	20.79 0.68 0.00	19.43 0.69 0.00	18.81 0.76 0.00	19.30 0.87 0.00	20.80 0.90 0.00	26.83 1.16 -0.47	28.99 1.55 -0.77	27.21 1.43 -1.05	25.48 1.30 -0.49	27.57 1.30 -0.84	27.60 1.25 -0.92	27.40 1.02 -1.46	32.33 1.31 -0.56	35.12 1.46 0.20	38.17 1.64 -0.12	43.04 2.18 -1.31	48.29 2.59 -5.24	50.17 3.43 -3.87	43.12 2.86 -1.65	36.62 2.64 -0.15	30.26 2.02 -0.25	26.78 1.66 0.00	24.19 1.28 0.00
ST LAWRENCE____ 23600	20.95 -0.38 0.00	19.84 -0.26 0.00	18.51 -0.22 0.00	17.84 -0.22 0.00	18.22 -0.22 0.00	19.69 -0.22 0.00	24.75 -0.45 0.00	26.20 -0.48 0.00	24.28 -0.44 0.00	23.26 -0.43 0.00	25.00 -0.43 0.00	25.00 -0.43 0.00	24.53 -0.40 0.00	29.98 -0.49 0.00	33.29 -0.58 0.00	35.79 -0.62 0.00	38.41 -1.15 0.00	38.92 -1.54 0.00	41.20 -1.67 0.00	37.57 -1.04 0.00	33.28 -0.54 0.00	27.49 -0.50 0.00	24.62 -0.50 0.00	22.43 -0.48 0.00
STATE_CA_115KV_115_LB 55624	21.70 0.36 0.00	20.41 0.30 0.00	19.09 0.36 0.00	18.51 0.45 0.00	18.88 0.44 0.00	20.22 0.32 0.00	26.21 0.53 -0.48	28.18 0.72 -0.79	26.49 0.69 -1.07	24.83 0.64 -0.50	26.90 0.61 -0.86	26.95 0.58 -0.93	26.89 0.47 -1.49	31.63 0.58 -0.59	34.36 0.68 0.18	37.25 0.69 -0.15	41.97 1.07 -1.35	47.15 1.29 -5.40	48.35 1.50 -3.98	41.54 1.24 -1.69	35.06 1.08 -0.15	29.12 0.87 -0.26	26.00 0.88 0.00	23.46 0.55 0.00
STATE_ST_34_KV_LOAD 55959	21.74 0.41 0.00	20.29 0.18 0.00	18.83 0.09 0.00	18.18 0.13 0.00	18.59 0.15 0.00	20.10 0.20 0.00	25.63 0.43 0.00	27.08 0.40 0.00	25.00 0.27 0.00	23.97 0.28 0.00	25.79 0.36 0.00	25.79 0.36 0.00	25.30 0.37 0.00	30.95 0.49 0.00	34.44 0.58 0.00	37.14 0.73 0.00	40.98 1.42 0.00	41.99 1.54 0.00	44.59 1.71 0.00	39.85 1.24 0.00	34.54 0.71 0.00	28.58 0.59 0.00	25.60 0.48 0.00	23.50 0.60 0.00
STATION 5_MISC_HYD 23604	21.61 0.28 0.00	20.29 0.18 0.00	18.70 -0.04 0.00	18.02 -0.04 0.00	18.35 -0.09 0.00	19.97 0.06 0.00	25.30 0.10 0.00	26.78 0.11 0.00	24.83 0.10 0.00	23.80 0.12 0.00	25.59 0.15 0.00	25.64 0.20 0.00	25.27 0.35 0.00	30.80 0.34 0.00	34.54 0.68 0.00	36.88 0.47 0.00	40.94 1.38 0.00	41.79 1.33 0.00	44.59 1.72 0.00	39.46 0.85 0.00	33.86 0.03 0.00	27.83 -0.17 0.00	25.07 -0.05 0.00	23.09 0.18 0.00
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	21.64 0.30 0.00	20.35 0.24 0.00	18.77 0.04 0.00	17.88 -0.18 0.00	18.25 -0.18 0.00	20.10 0.20 0.00	25.45 0.25 0.00	26.94 0.27 0.00	24.93 0.20 0.00	23.85 0.17 0.00	25.69 0.25 0.00	25.71 0.28 0.00	25.32 0.40 0.00	30.92 0.46 0.00	34.30 0.44 0.00	36.92 0.51 0.00	41.06 1.50 0.00	41.95 1.50 0.00	44.76 1.89 0.00	39.69 1.08 0.00	34.16 0.34 0.00	28.16 0.17 0.00	25.25 0.13 0.00	23.23 0.32 0.00
STA_56_34_KV_BUS2_REV_LBMP_B 345033	21.42 0.09 0.00	20.13 0.02 0.00	18.53 -0.21 0.00	17.62 -0.43 0.00	18.00 -0.44 0.00	19.81 -0.10 0.00	25.12 -0.08 0.00	26.57 -0.11 0.00	24.63 -0.10 0.00	23.61 -0.07 0.00	25.41 -0.03 0.00	25.46 0.03 0.00	25.10 0.17 0.00	30.62 0.15 0.00	33.90 0.03 0.00	36.44 0.04 0.00	40.54 0.99 0.00	41.43 0.97 0.00	44.20 1.33 0.00	39.15 0.54 0.00	33.62 -0.20 0.00	27.69 -0.31 0.00	24.89 -0.23 0.00	22.93 0.02 0.00
STA_56___34_KV_BUS2 355983	21.42 0.09 0.00	20.13 0.02 0.00	18.53 -0.21 0.00	17.62 -0.43 0.00	18.00 -0.44 0.00	19.81 -0.10 0.00	25.12 -0.08 0.00	26.57 -0.11 0.00	24.63 -0.10 0.00	23.61 -0.07 0.00	25.41 -0.03 0.00	25.46 0.03 0.00	25.10 0.17 0.00	30.62 0.15 0.00	33.90 0.03 0.00	36.44 0.04 0.00	40.54 0.99 0.00	41.43 0.97 0.00	44.20 1.33 0.00	39.15 0.54 0.00	33.62 -0.20 0.00	27.69 -0.31 0.00	24.89 -0.23 0.00	22.93 0.02 0.00
STA_67___115KV_BK2 355882	21.53 0.19 0.00	20.21 0.10 0.00	18.60 -0.13 0.00	17.68 -0.38 0.00	18.05 -0.39 0.00	19.89 -0.02 0.00	25.22 0.03 0.00	26.68 0.00 0.00	24.73 0.00 0.00	23.71 0.02 0.00	25.51 0.08 0.00	25.53 0.10 0.00	25.20 0.27 0.00	30.71 0.24 0.00	33.97 0.10 0.00	36.52 0.11 0.00	40.66 1.11 0.00	41.55 1.09 0.00	44.38 1.50 0.00	39.23 0.62 0.00	33.69 -0.14 0.00	27.74 -0.25 0.00	24.94 -0.18 0.00	23.02 0.11 0.00
STA_7___115KV_9TRANS 80674	21.68 0.34 0.00	20.35 0.24 0.00	18.70 -0.04 0.00	17.79 -0.27 0.00	18.16 -0.28 0.00	20.02 0.12 0.00	25.43 0.23 0.00	26.89 0.21 0.00	24.90 0.17 0.00	23.87 0.19 0.00	25.71 0.28 0.00	25.76 0.33 0.00	25.42 0.50 0.00	30.98 0.52 0.00	34.30 0.44 0.00	36.88 0.47 0.00	41.14 1.58 0.00	41.99 1.54 0.00	44.89 2.02 0.00	39.69 1.08 0.00	34.03 0.20 0.00	27.99 0.00 0.00	25.17 0.05 0.00	23.21 0.30 0.00
STA_82___115KV_TB1 80780	21.55 0.21 0.00	20.23 0.12 0.00	18.60 -0.13 0.00	17.68 -0.38 0.00	18.05 -0.39 0.00	19.91 0.00 0.00	25.25 0.05 0.00	26.70 0.03 0.00	24.73 0.00 0.00	23.73 0.05 0.00	25.53 0.10 0.00	25.56 0.13 0.00	25.20 0.27 0.00	30.74 0.27 0.00	34.00 0.14 0.00	36.55 0.15 0.00	40.70 1.15 0.00	41.59 1.13 0.00	44.42 1.54 0.00	39.27 0.66 0.00	33.73 -0.10 0.00	27.77 -0.22 0.00	24.97 -0.15 0.00	23.04 0.14 0.00
STEEL___WIND 323596	22.19 0.85 0.00	20.71 0.60 0.00	18.86 0.13 0.00	18.20 0.14 0.00	18.47 0.04 0.00	20.18 0.28 0.00	25.60 0.40 0.00	26.94 0.27 0.00	25.17 0.45 0.00	24.30 0.61 0.00	25.97 0.53 0.00	25.99 0.56 0.00	25.75 0.82 0.00	31.38 0.91 0.00	35.35 1.49 0.00	37.43 1.02 0.00	41.93 2.37 0.00	42.76 2.30 0.00	45.75 2.87 0.00	39.69 1.08 0.00	33.42 -0.40 0.00	27.30 -0.70 0.00	24.74 -0.38 0.00	23.20 0.30 0.00

STEPHTWN_115KV_BK_2 55603	21.89 0.55 0.00	20.61 0.50 0.00	19.26 0.52 0.00	18.65 0.60 0.00	19.01 0.57 0.00	20.44 0.54 0.00	26.43 0.76 -0.48	28.48 1.01 -0.79	26.76 0.96 -1.07	25.06 0.88 -0.50	27.13 0.84 -0.86	27.16 0.79 -0.93	27.10 0.67 -1.50	31.89 0.82 -0.60	34.65 0.95 0.16	37.59 1.02 -0.16	42.35 1.42 -1.37	47.74 1.82 -5.46	48.96 2.06 -4.03	42.02 1.70 -1.71	35.44 1.45 -0.16	29.40 1.15 -0.26	26.25 1.13 0.00	23.69 0.78 0.00
STEBEN_REC_LFGE 323667	22.45 1.11 0.00	21.05 0.94 0.00	19.24 0.51 0.00	18.16 0.11 0.00	18.57 0.13 0.00	20.72 0.82 0.00	26.43 1.23 0.00	27.88 1.20 0.00	25.87 1.14 0.00	24.87 1.18 0.00	26.70 1.27 0.00	26.65 1.22 0.00	26.30 1.37 0.00	32.08 1.61 0.00	35.52 1.66 0.00	38.19 1.78 0.00	42.96 3.40 0.00	44.02 3.56 0.00	46.95 4.07 0.00	41.08 2.47 0.00	34.84 1.01 0.00	28.64 0.64 0.00	25.72 0.60 0.00	23.87 0.96 0.00
STONY__BROOK 24151	32.37 2.01 -9.02	39.41 1.77 -17.53	26.72 1.63 -6.35	22.11 1.24 -2.81	22.44 1.33 -2.67	25.97 1.73 -4.33	40.45 2.97 -12.28	43.22 3.20 -13.34	43.36 3.17 -15.47	40.67 3.10 -13.88	37.04 3.10 -8.50	37.85 3.08 -9.34	39.02 3.01 -11.08	40.79 3.38 -6.95	65.86 3.73 -28.27	46.55 4.15 -5.99	65.64 4.63 -21.46	68.54 4.85 -23.23	72.31 5.01 -24.42	70.60 4.40 -27.59	71.78 3.58 -34.37	49.30 3.25 -18.06	40.01 3.09 -11.80	37.79 2.61 -12.28
STURGEON_POOL_HYD 23609	22.72 1.39 0.00	21.21 1.11 0.00	19.73 0.99 0.00	18.98 0.92 0.00	19.30 0.87 0.00	20.78 0.88 0.00	26.79 1.59 0.00	28.44 1.76 0.00	26.56 1.83 0.00	25.46 1.78 0.00	27.26 1.83 0.00	27.26 1.83 0.00	28.05 2.04 -1.08	34.37 2.53 -1.38	37.24 2.88 -0.50	40.41 3.28 -0.72	45.95 3.84 -2.56	51.30 2.63 -8.22	51.49 2.83 -5.79	43.17 2.39 -2.16	35.83 1.93 -0.07	30.13 1.82 -0.31	26.55 1.43 0.00	23.98 1.08 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	22.23 0.90 0.00	20.81 0.70 0.00	19.37 0.64 0.00	18.67 0.61 0.00	19.05 0.61 0.00	20.54 0.64 0.00	24.92 1.16 1.44	25.71 1.36 2.32	22.98 1.41 3.15	23.57 1.37 1.49	24.32 1.42 2.54	24.10 1.42 2.76	25.34 1.47 1.05	34.31 1.83 -2.02	36.13 2.03 -0.24	38.87 2.22 -0.25	46.32 2.65 -4.12	58.67 2.83 -15.38	55.79 3.09 -9.83	43.71 2.59 -2.51	35.30 1.93 0.46	30.00 1.74 -0.27	26.60 1.48 0.00	24.03 1.12 0.00
SWANROAD_115KV_TB1 355699	21.23 -0.11 0.00	19.90 -0.20 0.00	18.11 -0.62 0.00	16.90 -1.16 0.00	17.24 -1.20 0.00	19.41 -0.50 0.00	24.59 -0.60 0.00	25.71 -0.96 0.00	24.01 -0.72 0.00	23.14 -0.54 0.00	24.82 -0.61 0.00	24.82 -0.61 0.00	24.60 -0.32 0.00	29.85 -0.61 0.00	32.71 -1.15 0.00	35.06 -1.35 0.00	39.67 0.12 0.00	40.42 -0.04 0.00	43.43 0.56 0.00	37.65 -0.97 0.00	31.80 -2.03 0.00	26.15 -1.85 0.00	23.69 -1.43 0.00	22.36 -0.55 0.00
SYNERGY__BIOGAS 323694	22.13 0.79 0.00	20.71 0.60 0.00	18.92 0.19 0.00	18.24 0.18 0.00	18.53 0.09 0.00	20.24 0.34 0.00	25.63 0.43 0.00	27.02 0.35 0.00	25.12 0.39 0.00	24.13 0.45 0.00	25.81 0.38 0.00	25.86 0.43 0.00	25.62 0.70 0.00	31.23 0.76 0.00	35.22 1.36 0.00	37.32 0.91 0.00	41.85 2.29 0.00	42.72 2.26 0.00	45.79 2.92 0.00	40.04 1.43 0.00	33.89 0.07 0.00	27.69 -0.31 0.00	25.02 -0.10 0.00	23.30 0.39 0.00
SYRACUSE__ENERGY_ST1 323597	21.49 0.15 0.00	20.21 0.10 0.00	18.77 0.04 0.00	18.02 -0.04 0.00	18.40 -0.04 0.00	20.02 0.12 0.00	25.30 0.10 0.00	26.70 0.03 0.00	24.68 -0.05 0.00	23.66 -0.02 0.00	25.48 0.05 0.00	25.48 0.05 0.00	24.97 0.05 0.00	30.53 0.06 0.00	33.93 0.07 0.00	36.52 0.11 0.00	40.15 0.59 0.00	41.10 0.65 0.00	43.65 0.77 0.00	39.07 0.46 0.00	33.96 0.14 0.00	28.16 0.17 0.00	25.25 0.13 0.00	23.18 0.27 0.00
SYRACUSE__ENERGY_ST2 323598	21.49 0.15 0.00	20.21 0.10 0.00	18.77 0.04 0.00	18.02 -0.04 0.00	18.40 -0.04 0.00	20.02 0.12 0.00	25.30 0.10 0.00	26.70 0.03 0.00	24.68 -0.05 0.00	23.66 -0.02 0.00	25.48 0.05 0.00	25.48 0.05 0.00	24.97 0.05 0.00	30.53 0.06 0.00	33.93 0.07 0.00	36.52 0.11 0.00	40.15 0.59 0.00	41.10 0.65 0.00	43.65 0.77 0.00	39.07 0.46 0.00	33.96 0.14 0.00	28.16 0.17 0.00	25.25 0.13 0.00	23.18 0.27 0.00
SYRACUSE__POWER 24017	21.44 0.11 0.00	20.15 0.04 0.00	18.71 -0.02 0.00	17.97 -0.09 0.00	18.35 -0.09 0.00	19.95 0.04 0.00	25.25 0.05 0.00	26.68 0.00 0.00	24.68 -0.05 0.00	23.66 -0.02 0.00	25.43 0.00 0.00	25.43 0.00 0.00	24.95 0.02 0.00	30.46 0.00 0.00	33.86 0.00 0.00	36.44 0.04 0.00	40.07 0.51 0.00	41.02 0.57 0.00	43.56 0.69 0.00	38.96 0.35 0.00	33.86 0.03 0.00	28.02 0.03 0.00	25.17 0.05 0.00	23.11 0.21 0.00
TALLMAN_138KV_BK151 55660	22.30 0.96 0.00	20.85 0.74 0.00	19.41 0.67 0.00	18.72 0.67 0.00	19.10 0.66 0.00	20.58 0.68 0.00	24.84 1.34 1.70	25.47 1.55 2.75	22.66 1.66 3.73	23.51 1.59 1.76	24.08 1.65 3.00	23.82 1.65 3.26	25.30 1.69 1.32	34.85 2.10 -2.28	36.43 2.34 -0.22	39.14 2.51 -0.22	47.20 2.97 -4.68	61.11 3.16 -17.50	57.41 3.39 -11.15	44.27 2.86 -2.80	35.41 2.13 0.54	30.25 1.96 -0.30	26.80 1.68 0.00	24.17 1.26 0.00
TEALLAVE_115KV_TB7 355573	21.36 0.02 0.00	20.09 -0.02 0.00	18.64 -0.09 0.00	17.91 -0.14 0.00	18.29 -0.15 0.00	19.89 -0.02 0.00	25.15 -0.05 0.00	26.57 -0.11 0.00	24.58 -0.15 0.00	23.54 -0.14 0.00	25.33 -0.10 0.00	25.33 -0.10 0.00	24.85 -0.07 0.00	30.31 -0.15 0.00	33.69 -0.17 0.00	36.23 -0.18 0.00	39.83 0.28 0.00	40.78 0.32 0.00	43.30 0.43 0.00	38.77 0.15 0.00	33.66 -0.17 0.00	27.88 -0.11 0.00	25.04 -0.08 0.00	23.02 0.11 0.00
TELGRAPH_34_KV_EAST 80808	21.70 0.36 0.00	20.37 0.26 0.00	18.53 -0.21 0.00	17.35 -0.70 0.00	17.70 -0.74 0.00	19.89 -0.02 0.00	25.25 0.05 0.00	26.35 -0.32 0.00	24.58 -0.15 0.00	23.68 0.00 0.00	25.38 -0.05 0.00	25.41 -0.03 0.00	25.20 0.27 0.00	30.62 0.15 0.00	33.63 -0.24 0.00	36.04 -0.36 0.00	40.82 1.27 0.00	41.59 1.13 0.00	44.72 1.84 0.00	38.88 0.27 0.00	32.91 -0.91 0.00	27.01 -0.98 0.00	24.39 -0.73 0.00	22.93 0.02 0.00
TEMPLE__115KV_TB 2 55572	21.38 0.04 0.00	20.09 -0.02 0.00	18.66 -0.07 0.00	17.91 -0.14 0.00	18.31 -0.13 0.00	19.89 -0.02 0.00	25.17 -0.03 0.00	26.57 -0.11 0.00	24.58 -0.15 0.00	23.57 -0.12 0.00	25.36 -0.08 0.00	25.36 -0.08 0.00	24.85 -0.07 0.00	30.34 -0.12 0.00	33.73 -0.14 0.00	36.26 -0.15 0.00	39.87 0.32 0.00	40.82 0.36 0.00	43.35 0.47 0.00	38.77 0.15 0.00	33.69 -0.14 0.00	27.91 -0.08 0.00	25.07 -0.05 0.00	23.04 0.14 0.00
TIANA__69_KV_BK 1 55817	31.66 2.52 -7.80	37.29 2.01 -15.17	26.10 1.87 -5.49	22.23 1.75 -2.43	22.58 1.83 -2.31	25.64 1.99 -3.75	39.35 3.33 -10.82	42.12 3.57 -11.87	42.05 3.51 -13.81	39.24 3.34 -12.22	36.57 3.43 -7.70	37.24 3.36 -8.45	38.38 3.29 -10.16	40.55 3.78 -6.31	63.00 4.40 -24.73	47.19 4.73 -6.05	64.43 5.30 -19.57	78.73 5.54 -32.73	113.05 5.87 -64.30	134.40 5.14 -90.65	134.09 4.33 -95.93	47.68 3.72 -15.97	39.07 3.44 -10.51	36.39 2.86 -10.62

TILDEN___115KV_TB1 80814	21.44 0.11 0.00	20.15 0.04 0.00	18.71 -0.02 0.00	17.97 -0.09 0.00	18.35 -0.09 0.00	19.95 0.04 0.00	25.25 0.05 0.00	26.68 0.00 0.00	24.68 -0.05 0.00	23.66 -0.02 0.00	25.43 0.00 0.00	25.43 0.00 0.00	24.95 0.02 0.00	30.46 0.00 0.00	33.86 0.00 0.00	36.44 0.04 0.00	40.07 0.51 0.00	41.02 0.57 0.00	43.56 0.69 0.00	38.96 0.35 0.00	33.86 0.03 0.00	28.02 0.03 0.00	25.17 0.05 0.00	23.11 0.21 0.00
TRIGEN___CC 323695	22.96 1.60 -0.03	21.45 1.29 -0.06	19.94 1.20 -0.01	19.11 1.05 0.00	19.53 1.09 0.00	21.17 1.25 -0.01	28.80 2.12 -1.49	31.43 2.35 -2.41	30.38 2.40 -3.25	27.54 2.30 -1.56	30.39 2.37 -2.59	30.59 2.34 -2.82	31.53 2.34 -4.26	35.31 2.71 -2.14	38.55 3.12 -1.57	41.91 3.31 -2.18	50.60 3.80 -7.25	58.30 3.96 -13.88	57.43 4.20 -10.36	47.63 3.63 -5.39	37.56 2.88 -0.86	32.84 2.58 -2.27	28.87 2.36 -1.39	24.83 1.88 -0.04
TRINITY___115KV___4 BK 55933	21.62 0.28 0.00	20.35 0.24 0.00	19.03 0.30 0.00	18.45 0.40 0.00	18.82 0.39 0.00	20.16 0.26 0.00	26.13 0.45 -0.48	28.10 0.64 -0.79	26.39 0.59 -1.07	24.73 0.54 -0.50	26.80 0.51 -0.86	26.85 0.48 -0.94	26.80 0.37 -1.50	31.49 0.43 -0.60	34.24 0.54 0.17	37.08 0.51 -0.16	41.75 0.83 -1.36	46.99 1.09 -5.44	48.13 1.24 -4.01	41.32 1.00 -1.71	34.86 0.88 -0.16	29.01 0.76 -0.26	25.90 0.78 0.00	23.37 0.46 0.00
UNION___PROCESSING_DRP 323587	21.55 0.21 0.00	20.23 0.12 0.00	18.60 -0.13 0.00	17.68 -0.38 0.00	18.07 -0.37 0.00	19.91 0.00 0.00	25.27 0.08 0.00	26.70 0.03 0.00	24.75 0.02 0.00	23.73 0.05 0.00	25.53 0.10 0.00	25.59 0.15 0.00	25.22 0.30 0.00	30.74 0.27 0.00	34.00 0.14 0.00	36.55 0.15 0.00	40.74 1.19 0.00	41.59 1.13 0.00	44.46 1.59 0.00	39.31 0.69 0.00	33.73 -0.10 0.00	27.77 -0.22 0.00	24.97 -0.15 0.00	23.04 0.14 0.00
UPPER HUDSON___HYD 24058	22.10 0.77 0.00	20.79 0.68 0.00	19.41 0.67 0.00	18.71 0.65 0.00	19.19 0.76 0.00	20.78 0.87 0.00	26.91 1.23 -0.47	28.91 1.47 -0.77	27.21 1.43 -1.05	25.50 1.33 -0.49	27.57 1.30 -0.84	27.60 1.25 -0.92	27.41 1.02 -1.46	32.27 1.25 -0.56	35.05 1.39 0.20	38.21 1.68 -0.12	43.08 2.21 -1.31	48.37 2.67 -5.24	50.17 3.43 -3.87	43.16 2.90 -1.65	36.62 2.64 -0.15	30.26 2.02 -0.25	26.78 1.66 0.00	24.19 1.28 0.00
UPPER RAQUET___HYD 24056	21.30 -0.04 0.00	20.17 0.06 0.00	18.77 0.04 0.00	18.11 0.05 0.00	18.49 0.06 0.00	20.05 0.14 0.00	25.20 0.00 0.00	26.68 0.00 0.00	24.68 -0.05 0.00	23.61 -0.07 0.00	25.43 0.00 0.00	25.46 0.03 0.00	24.95 0.02 0.00	30.56 0.09 0.00	34.00 0.14 0.00	36.63 0.22 0.00	39.40 -0.16 0.00	39.41 -1.05 0.00	41.42 -1.46 0.00	38.22 -0.39 0.00	33.76 -0.07 0.00	27.94 -0.06 0.00	25.02 -0.10 0.00	22.77 -0.14 0.00
VALLEY44_115KV_TB2 355964	22.28 0.94 0.00	20.81 0.70 0.00	18.86 0.13 0.00	17.73 -0.33 0.00	18.11 -0.33 0.00	20.32 0.42 0.00	26.00 0.81 0.00	27.26 0.59 0.00	25.47 0.74 0.00	24.61 0.92 0.00	26.35 0.92 0.00	26.35 0.92 0.00	26.07 1.15 0.00	31.90 1.43 0.00	35.12 1.25 0.00	37.65 1.24 0.00	42.48 2.93 0.00	43.37 2.91 0.00	46.48 3.60 0.00	40.31 1.70 0.00	33.89 0.07 0.00	27.74 -0.25 0.00	24.97 -0.15 0.00	23.55 0.64 0.00
VALLEY___115KV_TB 1-4 80826	21.40 0.06 0.00	20.23 0.12 0.00	18.85 0.11 0.00	18.09 0.04 0.00	18.49 0.06 0.00	20.06 0.16 0.00	25.30 0.10 0.00	26.81 0.13 0.00	24.80 0.07 0.00	23.73 0.05 0.00	25.53 0.10 0.00	25.53 0.10 0.00	25.02 0.10 0.00	30.65 0.18 0.00	34.03 0.17 0.00	36.59 0.18 0.00	39.83 0.28 0.00	40.70 0.24 0.00	43.09 0.21 0.00	38.61 0.00 0.00	33.76 -0.07 0.00	27.94 -0.06 0.00	25.09 -0.03 0.00	22.88 -0.02 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	22.38 1.05 0.00	20.99 0.88 0.00	19.56 0.82 0.00	18.90 0.85 0.00	19.30 0.87 0.00	20.82 0.92 0.00	26.51 1.41 0.10	28.12 1.65 0.20	25.88 1.43 0.28	24.97 1.42 0.13	26.81 1.60 0.22	26.84 1.65 0.24	26.38 1.65 0.19	32.64 2.16 -0.01	36.34 2.44 -0.03	39.03 2.62 0.00	42.80 3.24 0.00	44.02 3.56 0.00	46.91 4.03 0.00	41.93 3.32 0.00	36.36 2.54 0.00	29.91 1.93 0.02	26.80 1.68 0.00	24.37 1.47 0.00
VISCHER___FERRY HYD 24020	21.98 0.64 0.00	20.69 0.58 0.00	19.31 0.58 0.00	18.62 0.56 0.00	19.03 0.59 0.00	20.52 0.62 0.00	26.65 0.96 -0.49	28.60 1.12 -0.81	26.88 1.06 -1.09	25.17 0.97 -0.52	27.25 0.94 -0.88	27.30 0.91 -0.96	27.29 0.85 -1.52	32.02 1.00 -0.55	34.59 1.05 0.32	37.71 1.27 -0.03	42.58 1.66 -1.36	47.95 2.02 -5.47	49.06 2.14 -4.04	42.19 1.85 -1.72	35.61 1.62 -0.16	29.60 1.34 -0.26	26.33 1.21 0.00	23.78 0.87 0.00
V_A_10_SYNC_DSASP 323832	21.36 0.02 0.00	19.99 -0.12 0.00	18.30 -0.43 0.00	17.66 -0.40 0.00	17.94 -0.50 0.00	19.53 -0.38 0.00	24.75 -0.45 0.00	26.17 -0.51 0.00	24.33 -0.40 0.00	23.42 -0.26 0.00	25.08 -0.36 0.00	25.10 -0.33 0.00	24.80 -0.12 0.00	30.16 -0.30 0.00	33.90 0.03 0.00	35.97 -0.44 0.00	40.07 0.51 0.00	40.90 0.45 0.00	43.69 0.81 0.00	38.30 -0.31 0.00	32.58 -1.25 0.00	26.74 -1.26 0.00	24.24 -0.88 0.00	22.52 -0.39 0.00
V_CMM_10_SYNC_DSASP 323787	21.10 -0.23 0.00	19.97 -0.14 0.00	18.60 -0.13 0.00	17.93 -0.13 0.00	18.31 -0.13 0.00	19.79 -0.12 0.00	24.90 -0.30 0.00	26.33 -0.35 0.00	24.41 -0.32 0.00	23.38 -0.31 0.00	25.13 -0.30 0.00	25.15 -0.28 0.00	24.65 -0.27 0.00	30.13 -0.33 0.00	33.49 -0.37 0.00	36.01 -0.40 0.00	38.65 -0.91 0.00	39.20 -1.25 0.00	41.46 -1.41 0.00	37.84 -0.77 0.00	33.42 -0.40 0.00	27.58 -0.42 0.00	24.69 -0.43 0.00	22.50 -0.41 0.00
V_CMP_10_SYNC_DSASP 323788	21.51 0.17 0.00	20.37 0.26 0.00	18.96 0.23 0.00	18.29 0.23 0.00	18.70 0.26 0.00	20.28 0.38 0.00	25.65 0.45 0.00	27.16 0.48 0.00	25.27 0.54 0.00	24.21 0.52 0.00	26.07 0.64 0.00	26.07 0.64 0.00	25.55 0.62 0.00	31.23 0.76 0.00	34.74 0.88 0.00	37.50 1.09 0.00	40.42 0.87 0.00	41.02 0.57 0.00	43.35 0.47 0.00	39.31 0.70 0.00	34.47 0.64 0.00	28.08 0.08 0.00	24.92 -0.20 0.00	22.59 -0.32 0.00
V_E_10_SYNC_DSASP 323830	23.09 1.75 0.00	21.63 1.53 0.00	20.01 1.27 0.00	19.36 1.30 0.00	19.78 1.35 0.00	21.54 1.63 0.00	27.42 2.22 0.00	28.96 2.51 0.22	26.38 1.95 0.30	25.30 1.75 0.14	27.15 1.96 0.24	27.13 1.96 0.26	26.87 1.95 0.00	33.17 2.71 0.00	37.15 3.28 0.00	40.19 3.79 0.00	44.66 5.10 0.00	46.24 5.78 0.00	49.47 6.60 0.00	43.94 5.33 0.00	37.68 3.85 0.00	30.66 2.66 0.00	27.33 2.21 0.00	24.95 2.04 0.00
V_F_30_NSYNC___DSASP 323816	22.28 0.94 0.00	20.95 0.84 0.00	19.56 0.82 0.00	18.85 0.79 0.00	19.29 0.85 0.00	20.82 0.92 0.00	26.98 1.31 -0.48	28.97 1.52 -0.78	27.24 1.46 -1.05	25.51 1.33 -0.50	27.60 1.32 -0.85	27.65 1.30 -0.92	27.61 1.22 -1.47	32.48 1.46 -0.56	35.27 1.63 0.22	38.41 1.89 -0.11	43.32 2.45 -1.32	48.56 2.83 -5.27	50.02 3.26 -3.89	43.05 2.78 -1.66	36.38 2.40 -0.15	30.15 1.90 -0.25	26.78 1.66 0.00	24.19 1.28 0.00

V_F_30_SYNC_DSASP 323786	21.70 0.36 0.00	20.41 0.30 0.00	19.09 0.36 0.00	18.51 0.45 0.00	18.88 0.44 0.00	20.22 0.32 0.00	26.21 0.53 -0.48	28.18 0.72 -0.79	26.49 0.69 -1.07	24.83 0.64 -0.50	26.90 0.61 -0.86	26.95 0.58 -0.93	26.89 0.47 -1.49	31.63 0.58 -0.59	34.36 0.68 0.18	37.25 0.69 -0.15	41.93 1.03 -1.35	47.15 1.29 -5.40	48.36 1.50 -3.98	41.54 1.24 -1.70	35.06 1.08 -0.15	29.12 0.87 -0.26	26.00 0.88 0.00	23.46 0.55 0.00
V_XM_10_SYNC_DSASP 323789	21.51 0.17 0.00	20.37 0.26 0.00	18.96 0.23 0.00	18.29 0.23 0.00	18.70 0.26 0.00	20.28 0.38 0.00	25.65 0.45 0.00	27.16 0.48 0.00	25.27 0.54 0.00	24.21 0.52 0.00	26.07 0.64 0.00	26.07 0.64 0.00	25.55 0.62 0.00	31.23 0.76 0.00	34.74 0.88 0.00	37.50 1.09 0.00	40.42 0.87 0.00	41.02 0.57 0.00	43.35 0.47 0.00	39.31 0.70 0.00	34.47 0.64 0.00	28.08 0.08 0.00	24.92 -0.20 0.00	22.59 -0.32 0.00
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	22.36 1.02 0.00	20.89 0.78 0.00	19.46 0.73 0.00	18.78 0.72 0.00	19.16 0.72 0.00	20.62 0.72 0.00	24.83 1.39 1.76	25.43 1.60 2.85	22.55 1.68 3.86	23.50 1.63 1.82	24.03 1.70 3.11	23.76 1.70 3.38	25.11 1.74 1.56	34.75 2.16 -2.12	36.45 2.40 -0.18	39.13 2.58 -0.14	47.02 3.09 -4.38	60.05 3.28 -16.32	56.69 3.52 -10.30	44.05 2.97 -2.46	35.53 2.27 0.56	30.28 2.04 -0.25	26.85 1.73 0.00	24.21 1.31 0.00
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	22.55 1.22 0.00	21.05 0.94 0.00	19.61 0.88 0.00	18.92 0.87 0.00	19.30 0.87 0.00	20.82 0.92 0.00	28.42 1.76 -1.45	31.05 2.00 -2.37	30.07 2.13 -3.22	27.26 2.06 -1.52	30.19 2.16 -2.59	30.41 2.16 -2.82	31.38 2.19 -4.26	35.29 2.68 -2.14	38.35 2.91 -1.57	41.60 3.02 -2.17	46.62 3.52 -3.54	58.04 3.68 -13.90	57.15 3.90 -10.37	46.49 3.32 -4.56	36.84 2.54 -0.47	31.05 2.35 -0.71	27.18 2.06 0.00	24.44 1.53 0.00
W50THST__13_KV_LOAD 356117	22.66 1.32 0.00	21.13 1.03 0.00	19.69 0.96 0.00	18.98 0.92 0.00	19.38 0.94 0.00	20.90 1.00 0.00	28.54 1.89 -1.45	31.24 2.19 -2.37	30.25 2.30 -3.22	27.43 2.23 -1.52	30.39 2.37 -2.59	30.62 2.37 -2.82	31.58 2.39 -4.26	35.53 2.92 -2.14	38.62 3.18 -1.57	41.82 3.24 -2.17	46.89 3.80 -3.54	58.32 3.96 -13.90	57.41 4.16 -10.37	46.72 3.55 -4.56	36.97 2.67 -0.47	31.22 2.52 -0.71	27.33 2.21 0.00	24.53 1.63 0.00
WADING RIVER_IC_1 23522	31.20 2.03 -7.83	37.13 1.81 -15.22	25.90 1.65 -5.51	21.77 1.28 -2.43	22.12 1.36 -2.32	25.44 1.77 -3.76	39.02 2.97 -10.85	41.77 3.20 -11.90	41.74 3.17 -13.85	38.97 3.03 -12.25	36.21 3.05 -7.72	36.91 3.00 -8.47	38.02 2.91 -10.18	40.11 3.32 -6.32	62.43 3.76 -24.81	46.57 4.22 -5.94	63.75 4.59 -19.61	75.78 4.85 -30.47	103.39 5.06 -55.46	119.73 4.44 -76.68	119.53 3.72 -81.99	47.33 3.33 -16.01	38.77 3.11 -10.53	36.15 2.59 -10.66
WADING RIVER_IC_2 23547	31.20 2.03 -7.83	37.13 1.81 -15.22	25.90 1.65 -5.51	21.77 1.28 -2.43	22.12 1.36 -2.32	25.44 1.77 -3.76	39.02 2.97 -10.85	41.77 3.20 -11.90	41.74 3.17 -13.85	38.97 3.03 -12.25	36.21 3.05 -7.72	36.91 3.00 -8.47	38.02 2.91 -10.18	40.11 3.32 -6.32	62.43 3.76 -24.81	46.57 4.22 -5.94	63.75 4.59 -19.61	75.78 4.85 -30.47	103.39 5.06 -55.46	119.73 4.44 -76.68	119.53 3.72 -81.99	47.33 3.33 -16.01	38.77 3.11 -10.53	36.15 2.59 -10.66
WADING RIVER_IC_3 23601	31.20 2.03 -7.83	37.13 1.81 -15.22	25.90 1.65 -5.51	21.77 1.28 -2.43	22.12 1.36 -2.32	25.44 1.77 -3.76	39.02 2.97 -10.85	41.77 3.20 -11.90	41.74 3.17 -13.85	38.97 3.03 -12.25	36.21 3.05 -7.72	36.91 3.00 -8.47	38.02 2.91 -10.18	40.11 3.32 -6.32	62.43 3.76 -24.81	46.57 4.22 -5.94	63.75 4.59 -19.61	75.78 4.85 -30.47	103.39 5.06 -55.46	119.73 4.44 -76.68	119.53 3.72 -81.99	47.33 3.33 -16.01	38.77 3.11 -10.53	36.15 2.59 -10.66
WALDENNY_12_KV_BK2 80841	22.00 0.66 0.00	20.61 0.50 0.00	18.71 -0.02 0.00	17.50 -0.56 0.00	17.85 -0.59 0.00	20.08 0.18 0.00	25.55 0.35 0.00	26.78 0.11 0.00	25.05 0.32 0.00	24.21 0.52 0.00	25.92 0.48 0.00	25.94 0.51 0.00	25.70 0.77 0.00	31.32 0.85 0.00	34.37 0.51 0.00	36.84 0.44 0.00	41.65 2.10 0.00	42.48 2.02 0.00	45.58 2.70 0.00	39.46 0.85 0.00	33.25 -0.58 0.00	27.24 -0.76 0.00	24.59 -0.53 0.00	23.16 0.25 0.00
WALDEN__HYDRO 24148	22.40 1.07 0.00	20.95 0.84 0.00	19.48 0.75 0.00	18.72 0.67 0.00	19.06 0.63 0.00	20.62 0.72 0.00	26.07 1.31 0.44	27.47 1.49 0.69	25.32 1.53 0.94	24.73 1.49 0.44	26.23 1.55 0.76	26.13 1.53 0.82	27.41 1.60 -0.89	34.61 1.98 -2.17	36.69 2.17 -0.66	39.90 2.59 -0.91	46.80 3.09 -4.16	59.00 3.16 -15.38	56.66 3.39 -10.39	44.88 2.90 -3.38	35.90 2.20 0.12	30.40 1.96 -0.45	26.78 1.66 0.00	24.19 1.28 0.00
WARRENSBURG____ 23737	22.10 0.77 0.00	20.79 0.68 0.00	19.41 0.67 0.00	18.71 0.65 0.00	19.19 0.76 0.00	20.78 0.87 0.00	26.91 1.23 -0.47	28.91 1.47 -0.77	27.21 1.43 -1.05	25.50 1.33 -0.49	27.57 1.30 -0.84	27.60 1.25 -0.92	27.41 1.02 -1.46	32.27 1.25 -0.56	35.05 1.39 0.20	38.21 1.68 -0.12	43.08 2.21 -1.31	48.37 2.67 -5.24	50.17 3.43 -3.87	43.16 2.90 -1.65	36.62 2.64 -0.15	30.26 2.02 -0.25	26.78 1.66 0.00	24.19 1.28 0.00
WATERSIDE____6 8 9 23538	22.66 1.32 0.00	21.13 1.03 0.00	19.69 0.96 0.00	18.99 0.94 0.00	19.38 0.94 0.00	20.90 1.00 0.00	28.49 1.84 -1.45	33.92 2.08 -5.16	38.00 2.18 -11.09	37.94 2.11 -12.15	37.97 2.21 -10.33	38.23 2.21 -10.58	38.48 2.24 -11.31	38.77 2.71 -5.60	38.65 2.95 -1.84	41.60 3.02 -2.17	46.42 3.32 -3.54	57.92 3.56 -13.90	57.02 3.77 -10.37	46.41 3.24 -4.56	36.94 2.64 -0.47	32.97 2.44 -2.54	27.28 2.16 0.00	24.53 1.63 0.00
WATKINRD_115KV_LN8_ILLION 55919	21.42 0.09 0.00	20.21 0.10 0.00	18.83 0.09 0.00	18.11 0.05 0.00	18.49 0.06 0.00	20.02 0.12 0.00	25.32 0.13 0.00	26.81 0.13 0.00	24.83 0.10 0.00	23.76 0.07 0.00	25.53 0.10 0.00	25.53 0.10 0.00	25.02 0.10 0.00	30.62 0.15 0.00	34.03 0.17 0.00	36.59 0.18 0.00	39.87 0.32 0.00	40.78 0.32 0.00	43.22 0.34 0.00	38.80 0.19 0.00	33.89 0.07 0.00	28.05 0.06 0.00	25.17 0.05 0.00	22.95 0.05 0.00
WATSON__69_KV_BK 1 55734	26.18 2.01 -2.83	27.21 1.59 -5.52	22.20 1.48 -1.99	20.23 1.30 -0.88	20.67 1.40 -0.84	22.83 1.57 -1.36	32.73 2.67 -4.86	35.46 2.96 -5.83	34.71 2.92 -7.06	31.92 2.82 -5.41	32.69 2.82 -4.44	33.08 2.80 -4.85	34.07 2.77 -6.37	37.29 3.23 -3.60	47.36 3.83 -9.67	43.82 4.11 -3.30	55.50 4.39 -11.56	60.99 4.57 -15.96	59.85 5.27 -11.70	50.45 4.32 -7.51	44.00 3.75 -6.42	38.28 3.22 -7.06	33.26 2.96 -5.17	29.16 2.38 -3.87
WDELAWARE__HYD 323627	22.28 0.94 0.00	20.81 0.70 0.00	19.33 0.60 0.00	18.56 0.50 0.00	18.86 0.42 0.00	20.38 0.48 0.00	25.98 1.11 0.33	27.60 1.36 0.44	25.52 1.38 0.59	24.73 1.33 0.28	26.35 1.40 0.48	26.31 1.40 0.52	26.17 1.42 0.18	32.88 1.83 -0.59	36.19 2.07 -0.26	39.16 2.51 -0.25	43.46 2.97 -0.93	45.81 2.71 -2.64	47.53 2.96 -1.69	41.56 2.51 -0.44	35.61 1.86 0.08	29.72 1.68 -0.05	26.50 1.38 0.00	23.96 1.05 0.00

WEST BABYLON___IC 23714	24.18 2.09 -0.76	23.26 1.67 -1.49	20.81 1.55 -0.52	19.68 1.39 -0.23	20.13 1.48 -0.22	21.91 1.65 -0.36	30.32 2.75 -2.37	32.99 3.01 -3.30	31.94 2.97 -4.25	29.12 2.87 -2.57	31.40 2.90 -3.07	31.66 2.87 -3.35	32.59 2.87 -4.80	36.23 3.29 -2.47	41.16 3.86 -3.44	43.01 4.15 -2.45	52.38 4.59 -8.24	59.81 4.77 -14.58	59.62 5.23 -11.51	50.27 4.44 -7.21	41.06 3.75 -3.48	34.65 3.28 -3.38	31.01 3.01 -2.88	26.41 2.45 -1.05
WEST CANADA___HYD 24049	21.40 0.06 0.00	20.15 0.04 0.00	18.77 0.04 0.00	18.09 0.04 0.00	18.49 0.06 0.00	19.95 0.04 0.00	25.27 0.08 0.00	26.76 0.08 0.00	24.80 0.07 0.00	23.76 0.07 0.00	25.51 0.08 0.00	25.51 0.08 0.00	24.97 0.05 0.00	30.56 0.09 0.00	33.97 0.10 0.00	36.52 0.11 0.00	39.75 0.20 0.00	40.70 0.24 0.00	43.18 0.30 0.00	38.77 0.16 0.00	33.86 0.03 0.00	28.02 0.03 0.00	25.14 0.03 0.00	22.93 0.02 0.00
WESTERN_NY_WIND 24143	22.10 0.77 0.00	20.69 0.58 0.00	18.90 0.17 0.00	18.22 0.16 0.00	18.51 0.07 0.00	20.22 0.32 0.00	25.58 0.38 0.00	27.00 0.32 0.00	25.10 0.37 0.00	24.11 0.43 0.00	25.79 0.36 0.00	25.84 0.41 0.00	25.57 0.65 0.00	31.19 0.73 0.00	35.18 1.32 0.00	37.28 0.87 0.00	41.81 2.25 0.00	42.68 2.22 0.00	45.75 2.87 0.00	39.96 1.35 0.00	33.83 0.00 0.00	27.63 -0.36 0.00	24.97 -0.15 0.00	23.27 0.37 0.00
WESTOVER___LESR 323668	21.83 0.49 0.00	20.49 0.38 0.00	18.96 0.22 0.00	18.15 0.09 0.00	18.53 0.09 0.00	20.22 0.32 0.00	25.75 0.55 0.00	27.24 0.56 0.00	25.27 0.54 0.00	24.23 0.54 0.00	26.02 0.58 0.00	26.02 0.58 0.00	25.57 0.65 0.00	31.29 0.82 0.00	34.74 0.88 0.00	37.35 0.95 0.00	41.26 1.70 0.00	42.24 1.78 0.00	44.98 2.10 0.00	39.96 1.35 0.00	34.50 0.68 0.00	28.53 0.53 0.00	25.60 0.48 0.00	23.50 0.60 0.00
WETHRSFD_WT_PWR 323626	22.06 0.73 0.00	20.59 0.48 0.00	18.83 0.09 0.00	18.15 0.09 0.00	18.44 0.00 0.00	20.15 0.24 0.00	25.58 0.38 0.00	26.97 0.29 0.00	25.12 0.39 0.00	24.21 0.52 0.00	25.91 0.48 0.00	25.91 0.48 0.00	25.62 0.70 0.00	31.19 0.73 0.00	35.08 1.22 0.00	37.25 0.84 0.00	41.61 2.06 0.00	42.52 2.06 0.00	45.40 2.53 0.00	39.61 1.00 0.00	33.49 -0.34 0.00	27.38 -0.62 0.00	24.77 -0.35 0.00	23.07 0.16 0.00
WHAVSTOR_138KV_BK127 55557	22.28 0.94 0.00	20.81 0.70 0.00	19.39 0.66 0.00	18.72 0.67 0.00	19.10 0.66 0.00	20.56 0.66 0.00	24.71 1.29 1.77	25.33 1.52 2.87	22.45 1.61 3.89	23.42 1.56 1.83	23.93 1.63 3.13	23.66 1.63 3.40	24.99 1.67 1.60	34.61 2.04 -2.10	36.31 2.27 -0.18	38.97 2.44 -0.12	46.78 2.89 -4.34	59.65 3.03 -16.16	56.36 3.30 -10.18	43.81 2.78 -2.42	35.36 2.10 0.57	30.14 1.90 -0.24	26.75 1.63 0.00	24.12 1.21 0.00
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	22.28 0.94 0.00	20.81 0.70 0.00	19.39 0.66 0.00	18.72 0.67 0.00	19.10 0.66 0.00	20.56 0.66 0.00	24.71 1.29 1.77	25.33 1.52 2.87	22.45 1.61 3.89	23.42 1.56 1.83	23.93 1.63 3.13	23.66 1.63 3.40	24.99 1.67 1.60	34.61 2.04 -2.10	36.31 2.27 -0.18	38.97 2.44 -0.12	46.78 2.89 -4.34	59.65 3.03 -16.16	56.36 3.30 -10.18	43.81 2.78 -2.42	35.36 2.10 0.57	30.14 1.90 -0.24	26.75 1.63 0.00	24.12 1.21 0.00
WHITEHAL_115KV_TB1 80871	22.45 1.11 0.00	20.95 0.84 0.00	19.56 0.82 0.00	18.99 0.94 0.00	19.75 1.31 0.00	21.32 1.41 0.00	27.49 1.81 -0.47	29.77 2.32 -0.77	27.95 2.18 -1.05	26.15 1.97 -0.50	28.26 1.98 -0.85	28.26 1.91 -0.92	28.08 1.69 -1.46	33.16 2.13 -0.56	36.06 2.40 0.21	39.25 2.73 -0.12	44.46 3.60 -1.31	49.84 4.13 -5.25	51.90 5.14 -3.88	44.59 4.32 -1.65	37.87 3.89 -0.15	31.22 2.97 -0.25	27.56 2.44 0.00	24.85 1.95 0.00
WHITEPLN_13_KV_LOAD 356215	22.55 1.22 0.00	21.11 1.01 0.00	19.69 0.96 0.00	18.94 0.88 0.00	19.34 0.90 0.00	20.92 1.02 0.00	28.45 1.76 -1.49	31.13 2.03 -2.43	30.13 2.10 -3.30	27.25 2.01 -1.55	30.20 2.11 -2.66	30.43 2.11 -2.89	31.44 2.17 -4.35	35.28 2.65 -2.17	38.36 2.91 -1.58	41.77 3.17 -2.20	46.83 3.68 -3.60	58.46 3.88 -14.12	57.62 4.20 -10.54	46.80 3.55 -4.64	36.95 2.64 -0.48	31.12 2.41 -0.72	27.15 2.03 0.00	24.47 1.56 0.00
WM_FLOYD_69_KV_BK2 356380	31.37 2.30 -7.72	36.95 1.83 -15.02	25.87 1.70 -5.43	22.01 1.55 -2.40	22.37 1.64 -2.29	25.43 1.81 -3.71	38.92 3.00 -10.73	41.70 3.25 -11.77	41.60 3.17 -13.71	38.85 3.06 -12.11	36.13 3.05 -7.65	36.83 3.00 -8.39	37.94 2.92 -10.10	40.08 3.35 -6.26	62.27 3.93 -24.48	46.91 4.19 -6.32	63.66 4.67 -19.44	83.79 4.90 -38.43	134.71 5.19 -86.65	169.15 4.56 -125.99	168.84 3.86 -131.16	47.14 3.33 -15.81	38.68 3.14 -10.42	36.01 2.59 -10.52
WOODARD__115KV_TB2 355635	21.34 0.00 0.00	20.07 -0.04 0.00	18.62 -0.11 0.00	17.89 -0.16 0.00	18.27 -0.17 0.00	19.87 -0.04 0.00	25.12 -0.08 0.00	26.52 -0.16 0.00	24.51 -0.22 0.00	23.50 -0.19 0.00	25.28 -0.15 0.00	25.28 -0.15 0.00	24.80 -0.12 0.00	30.28 -0.18 0.00	33.66 -0.20 0.00	36.19 -0.22 0.00	39.75 0.20 0.00	40.70 0.24 0.00	43.22 0.34 0.00	38.69 0.08 0.00	33.62 -0.20 0.00	27.85 -0.14 0.00	25.02 -0.10 0.00	22.98 0.07 0.00
YORK___WARBASSE 23770	22.72 1.39 0.00	21.21 1.11 0.00	19.74 1.01 0.00	19.05 0.99 0.00	19.45 1.01 0.00	20.96 1.05 0.00	28.57 1.92 -1.45	34.03 2.19 -5.16	38.09 2.27 -11.09	38.04 2.20 -12.15	38.10 2.34 -10.33	38.35 2.34 -10.58	38.63 2.39 -11.31	38.99 2.92 -5.60	38.89 3.18 -1.84	41.78 3.20 -2.17	46.58 3.48 -3.54	58.16 3.80 -13.90	57.32 4.07 -10.37	46.64 3.47 -4.56	37.14 2.84 -0.47	33.11 2.58 -2.54	27.36 2.24 0.00	24.60 1.70 0.00