

Day Ahead Market Generator LBMP

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

Generator Data

07/04/2023

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	34.16	31.06	28.80	27.61	27.22	27.48	27.74	26.51	27.73	31.98	34.40	35.13	38.82	40.93	39.00	47.43	52.09	59.69	56.70	54.06	43.31	41.14	38.08	35.38
24138	2.20	2.06	1.91	1.81	1.73	1.65	1.89	1.85	2.34	2.75	2.91	2.86	3.43	3.55	3.67	4.54	5.12	5.22	4.44	4.32	2.90	2.94	2.79	2.28
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-4.13	0.00	0.00	-0.82	-1.55	-2.76	-2.96	0.00	0.00	0.00	-2.73	-2.99	0.00	-0.17	0.00	0.00	0.00
74TH STREET_GT_1	34.23	31.15	28.88	27.61	27.19	27.51	27.72	26.49	27.73	31.95	34.37	35.07	38.76	40.86	38.97	47.35	52.04	59.64	56.65	54.01	43.27	41.10	38.05	35.41
24260	2.27	2.15	1.99	1.81	1.71	1.68	1.86	1.83	2.34	2.72	2.88	2.80	3.36	3.48	3.64	4.46	5.07	5.17	4.39	4.28	2.86	2.90	2.75	2.32
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-4.13	0.00	0.00	-0.82	-1.55	-2.76	-2.96	0.00	0.00	0.00	-2.73	-2.99	0.00	-0.17	0.00	0.00	0.00
74TH STREET_GT_2	34.23	31.15	28.88	27.61	27.19	27.51	27.72	26.49	27.73	31.95	34.37	35.07	38.76	40.86	38.97	47.35	52.04	59.64	56.65	54.01	43.27	41.10	38.05	35.41
24261	2.27	2.15	1.99	1.81	1.71	1.68	1.86	1.83	2.34	2.72	2.88	2.80	3.36	3.48	3.64	4.46	5.07	5.17	4.39	4.28	2.86	2.90	2.75	2.32
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-4.13	0.00	0.00	-0.82	-1.55	-2.76	-2.96	0.00	0.00	0.00	-2.73	-2.99	0.00	-0.17	0.00	0.00	0.00
ADK HUDSON___FALLS	34.32	31.12	28.74	27.58	27.19	27.51	27.54	27.56	27.35	31.57	35.72	38.13	38.63	40.75	37.59	45.63	50.07	64.35	62.72	53.62	44.57	41.60	38.33	35.58
24011	2.36	2.12	1.86	1.78	1.71	1.68	1.68	1.52	1.96	2.34	2.42	2.46	2.32	2.38	2.26	2.74	3.10	3.88	3.89	3.88	3.78	3.40	3.04	2.48
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-5.51	0.00	0.00	-2.63	-4.94	-3.68	-3.94	0.00	0.00	0.00	-8.73	-9.56	0.00	-0.54	0.00	0.00	0.00
ADK RESOURCE___RCVRY	34.58	31.32	28.93	27.76	27.37	27.64	27.69	27.69	27.50	31.78	35.94	38.39	38.87	40.99	37.80	45.89	50.40	64.79	63.20	54.06	45.01	41.98	38.65	35.84
23798	2.62	2.32	2.04	1.96	1.89	1.81	1.84	1.64	2.11	2.54	2.64	2.70	2.55	2.62	2.47	3.00	3.43	4.29	4.34	4.32	4.22	3.78	3.35	2.75
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-5.51	0.00	0.00	-2.64	-4.96	-3.68	-3.95	0.00	0.00	0.00	-8.76	-9.59	0.00	-0.54	0.00	0.00	0.00
ADK S GLENS___FALLS	34.32	31.12	28.74	27.58	27.19	27.51	27.54	27.56	27.35	31.57	35.72	38.13	38.63	40.75	37.59	45.63	50.07	64.35	62.72	53.62	44.57	41.60	38.33	35.58
24028	2.36	2.12	1.86	1.78	1.71	1.68	1.68	1.52	1.96	2.34	2.42	2.46	2.32	2.38	2.26	2.74	3.10	3.88	3.89	3.88	3.78	3.40	3.04	2.48
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-5.51	0.00	0.00	-2.63	-4.94	-3.68	-3.94	0.00	0.00	0.00	-8.73	-9.56	0.00	-0.54	0.00	0.00	0.00
ADK_NYS___DAM	33.78	30.83	28.61	27.46	27.07	27.41	27.51	27.31	27.23	31.37	35.08	36.97	38.41	40.62	37.76	45.98	50.45	62.47	60.44	53.27	43.37	40.83	37.59	35.08
23527	1.82	1.83	1.72	1.65	1.58	1.58	1.66	1.50	1.83	2.13	2.30	2.27	2.25	2.41	2.44	3.09	3.48	3.73	3.50	3.53	2.70	2.63	2.29	1.99
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-5.28	0.00	0.00	-2.11	-3.97	-3.52	-3.78	0.00	0.00	0.00	-7.01	-7.67	0.00	-0.43	0.00	0.00	0.00
AIR_PRODUCTS___DRP	32.72	29.78	27.59	26.50	26.10	26.45	26.53	26.54	26.31	30.20	33.51	35.13	37.26	39.40	36.46	44.30	48.57	59.42	57.28	51.28	41.77	39.35	36.35	33.89
24190	0.77	0.78	0.70	0.70	0.61	0.62	0.67	0.70	0.91	0.96	1.07	1.08	1.08	1.17	1.13	1.42	1.60	1.81	1.58	1.54	1.17	1.15	1.06	0.79
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-5.30	0.00	0.00	-1.77	-3.33	-3.54	-3.80	0.00	0.00	0.00	-5.88	-6.44	0.00	-0.36	0.00	0.00	0.00
AKWESSNE_115KV_BK	31.61	28.71	26.59	25.65	25.43	25.57	25.60	20.08	24.81	28.50	29.78	29.80	31.69	33.46	34.37	41.64	45.33	49.82	47.79	48.19	39.03	37.05	34.38	32.63
355683	-0.35	-0.29	-0.30	-0.15	-0.05	-0.26	-0.26	-0.45	-0.58	-0.73	-0.89	-0.92	-0.95	-0.96	-0.95	-1.24	-1.64	-1.91	-1.48	-1.54	-1.21	-1.15	-0.92	-0.46
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ALBANY___1	32.72	29.78	27.59	26.50	26.10	26.45	26.53	26.54	26.31	30.20	33.51	35.13	37.26	39.40	36.46	44.30	48.57	59.42	57.28	51.28	41.77	39.35	36.35	33.89
23571	0.77	0.78	0.70	0.70	0.61	0.62	0.67	0.70	0.91	0.96	1.07	1.08	1.08	1.17	1.13	1.42	1.60	1.81	1.58	1.54	1.17	1.15	1.06	0.79
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-5.30	0.00	0.00	-1.77	-3.33	-3.54	-3.80	0.00	0.00	0.00	-5.88	-6.44	0.00	-0.36	0.00	0.00	0.00
ALBANY___2	32.72	29.78	27.59	26.50	26.10	26.45	26.53	26.54	26.31	30.20	33.51	35.13	37.26	39.40	36.46	44.30	48.57	59.42	57.28	51.28	41.77	39.35	36.35	33.89
23572	0.77	0.78	0.70	0.70	0.61	0.62	0.67	0.70	0.91	0.96	1.07	1.08	1.08	1.17	1.13	1.42	1.60	1.81	1.58	1.54	1.17	1.15	1.06	0.79
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-5.30	0.00	0.00	-1.77	-3.33	-3.54	-3.80	0.00	0.00	0.00	-5.88	-6.44	0.00	-0.36	0.00	0.00	0.00
ALBANY___3	32.72	29.78	27.59	26.50	26.10	26.45	26.53	26.54	26.31	30.20	33.51	35.13	37.26	39.40	36.46	44.30	48.57	59.42	57.28	51.28	41.77	39.35	36.35	33.89
23573	0.77	0.78	0.70	0.70	0.61	0.62	0.67	0.70	0.91	0.96	1.07	1.08	1.08	1.17	1.13	1.42	1.60	1.81	1.58	1.54	1.17	1.15	1.06	0.79
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-5.30	0.00	0.00	-1.77	-3.33	-3.54	-3.80	0.00	0.00	0.00	-5.88	-6.44	0.00	-0.36	0.00	0.00	0.00

ALBANY___4 23574	32.72 0.77 0.00	29.78 0.78 0.00	27.59 0.70 0.00	26.50 0.70 0.00	26.10 0.61 0.00	26.45 0.62 0.00	26.53 0.67 0.00	26.54 0.70 -5.30	26.31 0.91 0.00	30.20 0.96 0.00	33.51 1.07 -1.77	35.13 1.08 -3.33	37.26 1.08 -3.54	39.40 1.17 -3.80	36.46 1.13 0.00	44.30 1.42 0.00	48.57 1.60 0.00	59.42 1.81 -5.88	57.28 1.58 -6.44	51.28 1.54 0.00	41.77 1.17 -0.36	39.35 1.15 0.00	36.35 1.06 0.00	33.89 0.79 0.00
ALBANY___LFGE 323615	33.11 1.15 0.00	30.07 1.07 0.00	27.91 1.02 0.00	26.78 0.98 0.00	26.40 0.92 0.00	26.71 0.88 0.00	26.82 0.96 0.00	26.80 0.90 -5.36	26.57 1.17 0.00	30.55 1.32 0.00	34.13 1.44 -2.03	35.98 1.44 -3.81	37.69 1.47 -3.58	39.85 1.58 -3.84	36.92 1.59 0.00	44.86 1.97 0.00	49.18 2.21 0.00	60.95 2.48 -6.73	58.86 2.22 -7.37	51.98 2.24 0.00	42.35 1.69 -0.42	39.84 1.64 0.00	36.78 1.48 0.00	34.26 1.16 0.00
ALCOA_PA_115KV_PL-6C 55860	31.89 -0.06 0.00	28.97 -0.03 0.00	26.83 -0.05 0.00	25.88 0.08 0.00	25.66 0.18 0.00	25.80 -0.03 0.00	25.75 -0.10 0.00	20.10 -0.43 0.00	24.84 -0.56 0.00	28.56 -0.67 0.00	29.81 -0.86 0.00	29.86 -0.86 0.00	31.79 -0.85 0.00	33.53 -0.90 0.00	34.48 -0.85 0.00	41.73 -1.16 0.00	45.33 -1.64 0.00	49.82 -1.91 0.00	47.89 -1.38 0.00	48.24 -1.49 0.00	39.11 -1.13 0.00	37.21 -0.99 0.00	34.55 -0.74 0.00	32.93 -0.17 0.00
ALCOA_RYNLDS___DRP 24188	31.89 -0.06 0.00	28.97 -0.03 0.00	26.83 -0.05 0.00	25.88 0.08 0.00	25.66 0.18 0.00	25.80 -0.03 0.00	25.75 -0.10 0.00	20.10 -0.43 0.00	24.84 -0.56 0.00	28.56 -0.67 0.00	29.81 -0.86 0.00	29.86 -0.86 0.00	31.79 -0.85 0.00	33.53 -0.90 0.00	34.48 -0.85 0.00	41.73 -1.16 0.00	45.33 -1.64 0.00	49.82 -1.91 0.00	47.89 -1.38 0.00	48.24 -1.49 0.00	39.11 -1.13 0.00	37.21 -0.99 0.00	34.55 -0.74 0.00	32.93 -0.17 0.00
ALCOA___DSASP 323711	31.89 -0.06 0.00	28.97 -0.03 0.00	26.86 -0.03 0.00	25.88 0.08 0.00	25.66 0.18 0.00	25.88 0.05 0.00	25.78 -0.08 0.00	20.12 -0.41 0.00	24.86 -0.53 0.00	28.56 -0.67 0.00	29.81 -0.86 0.00	29.86 -0.86 0.00	31.79 -0.85 0.00	33.53 -0.90 0.00	34.48 -0.85 0.00	41.73 -1.16 0.00	45.42 -1.55 0.00	49.92 -1.81 0.00	47.89 -1.38 0.00	48.29 -1.44 0.00	39.16 -1.08 0.00	37.21 -0.99 0.00	34.55 -0.74 0.00	32.93 -0.16 0.00
ALLEGHENY___COGEN 23514	33.81 1.85 0.00	30.68 1.68 0.00	28.20 1.32 0.00	26.63 0.83 0.00	26.12 0.64 0.00	27.09 1.27 0.00	26.89 1.04 0.00	21.96 0.76 -0.66	26.23 0.84 0.00	29.99 0.76 0.00	31.69 0.89 -0.13	31.99 1.01 -0.25	33.51 0.42 -0.44	35.15 0.24 -0.48	33.77 -1.55 0.00	40.74 -2.14 0.00	44.48 -2.49 0.00	50.58 -1.60 -0.45	48.72 -1.04 -0.49	49.54 -0.20 0.00	41.12 0.85 -0.03	38.73 0.53 0.00	37.23 1.94 0.00	35.51 2.41 0.00
ALTAMONT_115KV_TB 2 55880	33.08 1.12 0.00	30.07 1.07 0.00	27.88 0.99 0.00	26.76 0.95 0.00	26.38 0.89 0.00	26.73 0.90 0.00	26.79 0.93 0.00	26.74 0.90 -5.30	26.54 1.14 0.00	30.52 1.29 0.00	33.63 1.38 -1.59	35.10 1.38 -2.99	37.65 1.47 -3.54	39.78 1.55 -3.80	36.85 1.52 0.00	44.77 1.89 0.00	49.08 2.11 0.00	59.34 2.33 -5.28	57.12 2.07 -5.78	51.83 2.09 0.00	42.14 1.57 -0.33	39.77 1.57 0.00	36.71 1.41 0.00	34.26 1.16 0.00
ALTONA_WT_PWR 323606	32.21 0.25 0.00	29.23 0.23 0.00	27.08 0.19 0.00	26.09 0.28 0.00	25.87 0.38 0.00	26.11 0.28 0.00	26.09 0.23 0.00	20.47 -0.06 0.00	25.35 -0.05 0.00	29.09 -0.15 0.00	30.24 -0.43 0.00	30.29 -0.43 0.00	32.22 -0.43 0.00	34.02 -0.41 0.00	35.01 -0.32 0.00	42.33 -0.56 0.00	46.17 -0.80 0.00	50.85 -0.88 0.00	48.78 -0.49 0.00	49.14 -0.59 0.00	39.84 -0.40 0.00	37.78 -0.42 0.00	35.05 -0.25 0.00	33.16 0.07 0.00
AMERICAN_REF_FUEL 24010	31.93 -0.03 0.00	29.09 0.09 0.00	26.62 -0.27 0.00	24.77 -1.03 0.00	24.49 -0.99 0.00	25.75 -0.08 0.00	25.44 -0.41 0.00	20.64 -0.49 -0.60	24.84 -0.56 0.00	28.65 -0.58 0.00	30.35 -0.43 -0.12	30.70 -0.25 -0.22	32.52 -0.52 -0.40	34.34 -0.52 -0.43	34.91 -0.42 0.00	42.50 -0.39 0.00	46.22 -0.75 0.00	51.92 -0.21 -0.39	49.06 -0.64 -0.43	49.14 -0.59 0.00	40.83 0.56 -0.02	38.28 0.08 0.00	35.08 -0.21 0.00	33.10 0.00 0.00
ARKWRIGHT___SUMMIT_WT_PWR 323751	33.30 1.34 0.00	30.31 1.31 0.00	27.75 0.86 0.00	26.09 0.28 0.00	25.59 0.10 0.00	26.81 0.98 0.00	26.74 0.88 0.00	21.72 0.51 -0.68	26.06 0.66 0.00	30.43 1.20 0.00	32.30 1.50 -0.14	32.70 1.72 -0.26	34.14 1.04 -0.45	36.02 1.10 -0.48	36.88 1.55 0.00	44.90 2.02 0.00	48.28 1.31 0.00	55.03 2.84 -0.46	52.04 2.27 -0.50	51.92 2.19 0.00	43.09 2.82 -0.03	40.45 2.25 0.00	37.16 1.87 0.00	34.85 1.75 0.00
ARTHUR_KILL_GT_1 23520	32.39 2.08 1.64	31.10 2.09 -0.01	28.88 1.99 0.00	27.58 1.78 0.00	27.19 1.71 0.00	27.28 1.45 0.00	27.44 1.58 0.00	26.22 1.56 -4.12	27.40 2.01 0.01	31.65 2.43 0.01	31.49 2.58 1.75	31.82 2.49 1.39	31.86 3.13 3.91	33.69 3.20 3.94	34.37 3.39 4.35	36.13 4.03 10.78	36.63 4.70 15.03	39.68 4.76 16.81	36.20 3.99 17.06	33.98 3.88 19.64	33.89 2.37 8.72	33.88 2.71 7.03	34.41 2.75 3.64	32.40 2.22 2.92
ARTHUR_KILL_2 23512	32.30 1.98 1.64	31.01 2.00 -0.01	28.80 1.91 0.00	27.51 1.70 0.00	27.14 1.66 0.00	27.20 1.37 0.00	27.36 1.50 0.00	26.18 1.52 -4.12	27.32 1.93 0.01	31.57 2.34 0.01	31.40 2.48 1.75	31.73 2.40 1.39	31.73 3.00 3.91	33.55 3.06 3.94	34.23 3.25 4.35	35.96 3.86 10.78	36.45 4.51 15.03	39.42 4.50 16.81	35.95 3.74 17.06	33.73 3.63 19.64	33.73 2.21 8.72	33.73 2.56 7.03	34.30 2.65 3.64	32.30 2.12 2.92
ARTHUR_KILL_3 23513	32.11 1.79 1.63	30.68 1.68 0.00	28.47 1.59 0.00	27.27 1.47 0.00	26.91 1.43 0.00	27.15 1.32 0.00	27.41 1.55 0.00	26.25 1.58 -4.13	27.40 2.01 0.00	31.58 2.34 0.00	31.38 2.45 1.74	31.71 2.37 1.38	31.64 2.90 3.90	33.46 2.96 3.93	34.06 3.07 4.34	35.89 3.77 10.78	36.22 4.27 15.02	39.22 4.29 16.81	35.81 3.59 17.06	33.64 3.53 19.63	33.78 2.25 8.72	33.55 2.37 7.02	33.95 2.29 3.63	32.01 1.82 2.91
ARTHUR_KILL_COGEN 323718	32.39 2.08 1.64	31.10 2.09 -0.01	28.88 1.99 0.00	27.58 1.78 0.00	27.19 1.71 0.00	27.28 1.45 0.00	27.44 1.58 0.00	26.22 1.56 -4.12	27.40 2.01 0.01	31.65 2.43 0.01	31.49 2.58 1.75	31.82 2.49 1.39	31.86 3.13 3.91	33.69 3.20 3.94	34.37 3.39 4.35	36.13 4.03 10.78	36.63 4.70 15.03	39.68 4.76 16.81	36.20 3.99 17.06	33.98 3.88 19.64	33.89 2.37 8.72	33.88 2.71 7.03	34.41 2.75 3.64	32.40 2.22 2.92
ASHOKAN____ 23654	33.43 1.47 0.00	30.31 1.31 0.00	28.07 1.18 0.00	26.94 1.13 0.00	26.53 1.05 0.00	26.71 0.88 0.00	26.71 0.85 0.00	25.66 0.45 -4.68	26.03 0.64 0.00	30.32 1.08 0.00	32.85 0.95 -1.24	34.01 0.95 -2.33	36.65 0.88 -3.12	38.71 0.93 -3.35	36.60 1.27 0.00	44.52 1.63 0.00	48.28 1.31 0.00	57.71 1.86 -4.11	55.54 1.77 -4.50	51.63 1.89 0.00	41.58 1.09 -0.26	39.88 1.68 0.00	36.95 1.66 0.00	34.46 1.36 0.00

ASTORIA_EAST_ENERGY_CC1 323581	34.17 2.20 -0.01	31.07 2.06 -0.01	28.80 1.91 -0.01	27.62 1.81 -0.01	27.23 1.73 -0.01	27.38 1.55 0.00	27.59 1.73 0.00	26.35 1.68 -4.13	27.40 2.01 0.00	31.66 2.43 0.00	34.00 2.52 -0.82	34.70 2.43 -1.55	38.40 3.00 -2.76	40.52 3.13 -2.96	38.61 3.29 0.00	46.96 4.08 0.00	51.67 4.70 0.00	59.18 4.71 -2.73	56.16 3.89 -2.99	53.51 3.78 0.00	42.70 2.29 -0.17	40.87 2.67 0.00	37.97 2.68 0.00	35.36 2.25 -0.01
ASTORIA_EAST_ENERGY_CC2 323582	34.17 2.20 -0.01	31.07 2.06 -0.01	28.80 1.91 -0.01	27.62 1.81 -0.01	27.23 1.73 -0.01	27.38 1.55 0.00	27.59 1.73 0.00	26.35 1.68 -4.13	27.40 2.01 0.00	31.66 2.43 0.00	34.00 2.52 -0.82	34.70 2.43 -1.55	38.40 3.00 -2.76	40.52 3.13 -2.96	38.61 3.29 0.00	46.96 4.08 0.00	51.67 4.70 0.00	59.18 4.71 -2.73	56.16 3.89 -2.99	53.51 3.78 0.00	42.70 2.29 -0.17	40.87 2.67 0.00	37.97 2.68 0.00	35.36 2.25 -0.01
ASTORIA_GT2_1 24094	34.17 2.21 -0.01	31.12 2.12 -0.01	28.86 1.96 -0.01	27.59 1.78 -0.01	27.18 1.68 -0.01	27.43 1.60 0.00	27.59 1.73 0.00	26.35 1.68 -4.13	27.43 2.03 0.00	31.69 2.46 0.00	34.03 2.55 -0.82	34.70 2.43 -1.55	38.40 3.00 -2.76	40.55 3.17 -2.96	38.61 3.29 0.00	46.96 4.07 0.00	51.67 4.70 0.00	59.23 4.76 -2.73	56.21 3.94 -2.99	53.52 3.78 0.00	42.66 2.25 -0.17	40.80 2.60 0.00	37.91 2.61 0.00	35.39 2.28 -0.01
ASTORIA_GT2_2 24095	34.17 2.21 -0.01	31.12 2.12 -0.01	28.86 1.96 -0.01	27.59 1.78 -0.01	27.18 1.68 -0.01	27.43 1.60 0.00	27.59 1.73 0.00	26.35 1.68 -4.13	27.43 2.03 0.00	31.69 2.46 0.00	34.03 2.55 -0.82	34.70 2.43 -1.55	38.40 3.00 -2.76	40.55 3.17 -2.96	38.61 3.29 0.00	46.96 4.07 0.00	51.67 4.70 0.00	59.23 4.76 -2.73	56.21 3.94 -2.99	53.52 3.78 0.00	42.66 2.25 -0.17	40.80 2.60 0.00	37.91 2.61 0.00	35.39 2.28 -0.01
ASTORIA_GT2_3 24096	34.17 2.21 -0.01	31.12 2.12 -0.01	28.86 1.96 -0.01	27.59 1.78 -0.01	27.18 1.68 -0.01	27.43 1.60 0.00	27.59 1.73 0.00	26.35 1.68 -4.13	27.43 2.03 0.00	31.69 2.46 0.00	34.03 2.55 -0.82	34.70 2.43 -1.55	38.40 3.00 -2.76	40.55 3.17 -2.96	38.61 3.29 0.00	46.96 4.07 0.00	51.67 4.70 0.00	59.23 4.76 -2.73	56.21 3.94 -2.99	53.52 3.78 0.00	42.66 2.25 -0.17	40.80 2.60 0.00	37.91 2.61 0.00	35.39 2.28 -0.01
ASTORIA_GT2_4 24097	34.17 2.21 -0.01	31.12 2.12 -0.01	28.86 1.96 -0.01	27.59 1.78 -0.01	27.18 1.68 -0.01	27.43 1.60 0.00	27.59 1.73 0.00	26.35 1.68 -4.13	27.43 2.03 0.00	31.69 2.46 0.00	34.03 2.55 -0.82	34.70 2.43 -1.55	38.40 3.00 -2.76	40.55 3.17 -2.96	38.61 3.29 0.00	46.96 4.07 0.00	51.67 4.70 0.00	59.23 4.76 -2.73	56.21 3.94 -2.99	53.52 3.78 0.00	42.66 2.25 -0.17	40.80 2.60 0.00	37.91 2.61 0.00	35.39 2.28 -0.01
ASTORIA_GT3_1 24098	34.17 2.21 -0.01	31.12 2.12 -0.01	28.86 1.96 -0.01	27.59 1.78 -0.01	27.18 1.68 -0.01	27.43 1.60 0.00	27.59 1.73 0.00	26.35 1.68 -4.13	27.43 2.03 0.00	31.69 2.46 0.00	34.03 2.55 -0.82	34.70 2.43 -1.55	38.40 3.00 -2.76	40.55 3.17 -2.96	38.61 3.29 0.00	46.96 4.07 0.00	51.67 4.70 0.00	59.23 4.76 -2.73	56.21 3.94 -2.99	53.52 3.78 0.00	42.66 2.25 -0.17	40.80 2.60 0.00	37.91 2.61 0.00	35.39 2.28 -0.01
ASTORIA_GT3_2 24099	34.17 2.21 -0.01	31.12 2.12 -0.01	28.86 1.96 -0.01	27.59 1.78 -0.01	27.18 1.68 -0.01	27.43 1.60 0.00	27.59 1.73 0.00	26.35 1.68 -4.13	27.43 2.03 0.00	31.69 2.46 0.00	34.03 2.55 -0.82	34.70 2.43 -1.55	38.40 3.00 -2.76	40.55 3.17 -2.96	38.61 3.29 0.00	46.96 4.07 0.00	51.67 4.70 0.00	59.23 4.76 -2.73	56.21 3.94 -2.99	53.52 3.78 0.00	42.66 2.25 -0.17	40.80 2.60 0.00	37.91 2.61 0.00	35.39 2.28 -0.01
ASTORIA_GT3_3 24100	34.17 2.21 -0.01	31.12 2.12 -0.01	28.86 1.96 -0.01	27.59 1.78 -0.01	27.18 1.68 -0.01	27.43 1.60 0.00	27.59 1.73 0.00	26.35 1.68 -4.13	27.43 2.03 0.00	31.69 2.46 0.00	34.03 2.55 -0.82	34.70 2.43 -1.55	38.40 3.00 -2.76	40.55 3.17 -2.96	38.61 3.29 0.00	46.96 4.07 0.00	51.67 4.70 0.00	59.23 4.76 -2.73	56.21 3.94 -2.99	53.52 3.78 0.00	42.66 2.25 -0.17	40.80 2.60 0.00	37.91 2.61 0.00	35.39 2.28 -0.01
ASTORIA_GT3_4 24101	34.17 2.21 -0.01	31.12 2.12 -0.01	28.86 1.96 -0.01	27.59 1.78 -0.01	27.18 1.68 -0.01	27.43 1.60 0.00	27.59 1.73 0.00	26.35 1.68 -4.13	27.43 2.03 0.00	31.69 2.46 0.00	34.03 2.55 -0.82	34.70 2.43 -1.55	38.40 3.00 -2.76	40.55 3.17 -2.96	38.61 3.29 0.00	46.96 4.07 0.00	51.67 4.70 0.00	59.23 4.76 -2.73	56.21 3.94 -2.99	53.52 3.78 0.00	42.66 2.25 -0.17	40.80 2.60 0.00	37.91 2.61 0.00	35.39 2.28 -0.01
ASTORIA_GT4_1 24102	34.17 2.21 -0.01	31.12 2.12 -0.01	28.86 1.96 -0.01	27.59 1.78 -0.01	27.18 1.68 -0.01	27.43 1.60 0.00	27.59 1.73 0.00	26.35 1.68 -4.13	27.43 2.03 0.00	31.69 2.46 0.00	34.03 2.55 -0.82	34.70 2.43 -1.55	38.40 3.00 -2.76	40.55 3.17 -2.96	38.61 3.29 0.00	46.96 4.07 0.00	51.67 4.70 0.00	59.23 4.76 -2.73	56.21 3.94 -2.99	53.52 3.78 0.00	42.66 2.25 -0.17	40.80 2.60 0.00	37.91 2.61 0.00	35.39 2.28 -0.01
ASTORIA_GT4_2 24103	34.17 2.21 -0.01	31.12 2.12 -0.01	28.86 1.96 -0.01	27.59 1.78 -0.01	27.18 1.68 -0.01	27.43 1.60 0.00	27.59 1.73 0.00	26.35 1.68 -4.13	27.43 2.03 0.00	31.69 2.46 0.00	34.03 2.55 -0.82	34.70 2.43 -1.55	38.40 3.00 -2.76	40.55 3.17 -2.96	38.61 3.29 0.00	46.96 4.07 0.00	51.67 4.70 0.00	59.23 4.76 -2.73	56.21 3.94 -2.99	53.52 3.78 0.00	42.66 2.25 -0.17	40.80 2.60 0.00	37.91 2.61 0.00	35.39 2.28 -0.01
ASTORIA_GT4_3 24104	34.17 2.21 -0.01	31.12 2.12 -0.01	28.86 1.96 -0.01	27.59 1.78 -0.01	27.18 1.68 -0.01	27.43 1.60 0.00	27.59 1.73 0.00	26.35 1.68 -4.13	27.43 2.03 0.00	31.69 2.46 0.00	34.03 2.55 -0.82	34.70 2.43 -1.55	38.40 3.00 -2.76	40.55 3.17 -2.96	38.61 3.29 0.00	46.96 4.07 0.00	51.67 4.70 0.00	59.23 4.76 -2.73	56.21 3.94 -2.99	53.52 3.78 0.00	42.66 2.25 -0.17	40.80 2.60 0.00	37.91 2.61 0.00	35.39 2.28 -0.01
ASTORIA_GT4_4 24105	34.17 2.21 -0.01	31.12 2.12 -0.01	28.86 1.96 -0.01	27.59 1.78 -0.01	27.18 1.68 -0.01	27.43 1.60 0.00	27.59 1.73 0.00	26.35 1.68 -4.13	27.43 2.03 0.00	31.69 2.46 0.00	34.03 2.55 -0.82	34.70 2.43 -1.55	38.40 3.00 -2.76	40.55 3.17 -2.96	38.61 3.29 0.00	46.96 4.07 0.00	51.67 4.70 0.00	59.23 4.76 -2.73	56.21 3.94 -2.99	53.52 3.78 0.00	42.66 2.25 -0.17	40.80 2.60 0.00	37.91 2.61 0.00	35.39 2.28 -0.01
ASTORIA_GT_1 23523	34.23 2.27 -0.01	31.12 2.12 -0.01	28.88 1.99 -0.01	27.67 1.86 -0.01	27.28 1.78 -0.01	27.43 1.60 0.00	27.67 1.81 0.00	26.39 1.73 -4.13	27.48 2.08 0.00	31.75 2.51 0.00	34.09 2.61 -0.82	34.76 2.49 -1.55	38.50 3.10 -2.76	40.62 3.24 -2.96	38.72 3.39 0.00	47.09 4.21 0.00	51.81 4.84 0.00	59.33 4.86 -2.73	56.35 4.09 -2.99	53.72 3.98 0.00	42.83 2.41 -0.17	40.99 2.79 0.00	38.08 2.79 0.00	35.46 2.35 -0.01

ASTORIA_GT_10 24110	34.07 2.11 0.00	31.03 2.03 0.00	28.77 1.88 0.00	27.48 1.68 0.00	27.09 1.61 0.00	27.35 1.52 0.00	27.54 1.68 0.00	26.35 1.68 -4.13	27.53 2.13 0.00	31.75 2.51 0.00	34.16 2.67 -0.82	34.85 2.58 -1.55	38.53 3.13 -2.76	40.62 3.24 -2.96	38.68 3.36 0.00	46.92 4.03 0.00	51.57 4.60 0.00	59.07 4.60 -2.73	56.11 3.84 -2.99	53.42 3.68 0.00	42.79 2.37 -0.17	40.76 2.56 0.00	37.87 2.58 0.00	35.28 2.18 0.00
ASTORIA_GT_11 24225	34.07 2.11 0.00	31.03 2.03 0.00	28.77 1.88 0.00	27.48 1.68 0.00	27.09 1.61 0.00	27.35 1.52 0.00	27.54 1.68 0.00	26.35 1.68 -4.13	27.53 2.13 0.00	31.75 2.51 0.00	34.16 2.67 -0.82	34.85 2.58 -1.55	38.53 3.13 -2.76	40.62 3.24 -2.96	38.68 3.36 0.00	46.92 4.03 0.00	51.57 4.60 0.00	59.07 4.60 -2.73	56.11 3.84 -2.99	53.42 3.68 0.00	42.79 2.37 -0.17	40.76 2.56 0.00	37.87 2.58 0.00	35.28 2.18 0.00
ASTORIA_GT_12 24226	34.07 2.11 0.00	31.00 2.00 0.00	28.74 1.85 0.00	27.53 1.73 0.00	27.14 1.66 0.00	27.33 1.50 0.00	27.59 1.73 0.00	26.35 1.68 -4.13	27.50 2.11 0.00	31.75 2.51 0.00	34.15 2.67 -0.82	34.85 2.58 -1.55	38.53 3.13 -2.76	40.62 3.24 -2.96	38.72 3.39 0.00	46.92 4.03 0.00	51.58 4.61 0.00	59.07 4.60 -2.73	56.11 3.85 -2.99	53.47 3.73 0.00	42.83 2.41 -0.17	40.87 2.67 0.00	37.94 2.65 0.00	35.28 2.18 0.00
ASTORIA_GT_13 24227	34.07 2.11 0.00	31.00 2.00 0.00	28.74 1.85 0.00	27.53 1.73 0.00	27.14 1.66 0.00	27.33 1.50 0.00	27.59 1.73 0.00	26.35 1.68 -4.13	27.50 2.11 0.00	31.75 2.51 0.00	34.15 2.67 -0.82	34.85 2.58 -1.55	38.53 3.13 -2.76	40.62 3.24 -2.96	38.72 3.39 0.00	46.92 4.03 0.00	51.58 4.61 0.00	59.07 4.60 -2.73	56.11 3.85 -2.99	53.47 3.73 0.00	42.83 2.41 -0.17	40.87 2.67 0.00	37.94 2.65 0.00	35.28 2.18 0.00
ASTORIA_GT_5 24106	34.23 2.27 -0.01	31.12 2.12 -0.01	28.88 1.99 -0.01	27.67 1.86 -0.01	27.28 1.78 -0.01	27.43 1.60 0.00	27.67 1.81 0.00	26.39 1.73 -4.13	27.48 2.08 0.00	31.75 2.51 0.00	34.09 2.61 -0.82	34.76 2.49 -1.55	38.50 3.10 -2.76	40.62 3.24 -2.96	38.72 3.39 0.00	47.09 4.21 0.00	51.81 4.84 0.00	59.33 4.86 -2.73	56.35 4.09 -2.99	53.72 3.98 0.00	42.83 2.41 -0.17	40.99 2.79 0.00	38.08 2.79 0.00	35.46 2.35 -0.01
ASTORIA_GT_7 24107	34.23 2.27 -0.01	31.12 2.12 -0.01	28.88 1.99 -0.01	27.67 1.86 -0.01	27.28 1.78 -0.01	27.43 1.60 0.00	27.67 1.81 0.00	26.39 1.73 -4.13	27.48 2.08 0.00	31.75 2.51 0.00	34.09 2.61 -0.82	34.76 2.49 -1.55	38.50 3.10 -2.76	40.62 3.24 -2.96	38.72 3.39 0.00	47.09 4.21 0.00	51.81 4.84 0.00	59.33 4.86 -2.73	56.35 4.09 -2.99	53.72 3.98 0.00	42.83 2.41 -0.17	40.99 2.79 0.00	38.08 2.79 0.00	35.46 2.35 -0.01
ASTORIA_GT_8 24108	34.23 2.27 -0.01	31.18 2.17 -0.01	28.91 2.02 -0.01	27.62 1.81 -0.01	27.23 1.73 -0.01	27.48 1.65 0.00	27.62 1.76 0.00	26.39 1.72 -4.13	27.48 2.08 0.00	31.75 2.51 0.00	34.09 2.61 -0.82	34.76 2.49 -1.55	38.50 3.10 -2.76	40.62 3.24 -2.96	38.72 3.39 0.00	47.09 4.20 0.00	51.81 4.84 0.00	59.38 4.91 -2.73	56.31 4.04 -2.99	53.62 3.88 0.00	42.79 2.37 -0.17	40.91 2.71 0.00	38.01 2.72 0.00	35.46 2.35 -0.01
ASTORIA___2 24149	34.17 2.20 -0.01	31.07 2.06 -0.01	28.83 1.94 -0.01	27.62 1.81 -0.01	27.23 1.73 -0.01	27.41 1.58 0.00	27.62 1.76 0.00	26.35 1.68 -4.13	27.43 2.03 0.00	31.69 2.46 0.00	34.03 2.54 -0.82	34.70 2.43 -1.55	38.40 3.00 -2.76	40.55 3.17 -2.96	38.65 3.32 0.00	46.96 4.08 0.00	51.67 4.70 0.00	59.18 4.71 -2.73	56.21 3.94 -2.99	53.57 3.83 0.00	42.74 2.33 -0.17	40.87 2.67 0.00	38.01 2.72 0.00	35.39 2.28 -0.01
ASTORIA___3 23516	34.07 2.11 0.00	31.00 2.00 0.00	28.74 1.85 0.00	27.53 1.73 0.00	27.14 1.66 0.00	27.33 1.50 0.00	27.59 1.73 0.00	26.35 1.68 -4.13	27.50 2.11 0.00	31.75 2.51 0.00	34.15 2.67 -0.82	34.85 2.58 -1.55	38.53 3.13 -2.76	40.62 3.24 -2.96	38.72 3.39 0.00	46.92 4.03 0.00	51.58 4.61 0.00	59.07 4.60 -2.73	56.11 3.85 -2.99	53.47 3.73 0.00	42.83 2.41 -0.17	40.87 2.67 0.00	37.94 2.65 0.00	35.28 2.18 0.00
ASTORIA___4 23517	34.07 2.11 0.00	31.03 2.03 0.00	28.77 1.88 0.00	27.48 1.68 0.00	27.09 1.61 0.00	27.35 1.52 0.00	27.54 1.68 0.00	26.35 1.68 -4.13	27.53 2.13 0.00	31.75 2.51 0.00	34.16 2.67 -0.82	34.85 2.58 -1.55	38.53 3.13 -2.76	40.62 3.24 -2.96	38.68 3.36 0.00	46.92 4.03 0.00	51.57 4.60 0.00	59.07 4.60 -2.73	56.06 3.79 -2.99	53.42 3.68 0.00	42.79 2.37 -0.17	40.76 2.56 0.00	37.87 2.58 0.00	35.28 2.18 0.00
ASTORIA___5 23518	34.07 2.11 0.00	31.00 2.00 0.00	28.74 1.85 0.00	27.53 1.73 0.00	27.14 1.66 0.00	27.33 1.50 0.00	27.59 1.73 0.00	26.35 1.68 -4.13	27.50 2.11 0.00	31.75 2.51 0.00	34.15 2.67 -0.82	34.85 2.58 -1.55	38.53 3.13 -2.76	40.62 3.24 -2.96	38.72 3.39 0.00	46.92 4.03 0.00	51.58 4.61 0.00	59.07 4.60 -2.73	56.11 3.85 -2.99	53.47 3.73 0.00	42.83 2.41 -0.17	40.87 2.67 0.00	37.94 2.65 0.00	35.28 2.18 0.00
AST_ENERGY_2_CC3 323677	33.94 1.98 0.00	30.83 1.83 0.00	28.61 1.72 0.00	27.43 1.63 0.00	27.04 1.55 0.00	27.28 1.45 0.00	27.54 1.68 0.00	26.33 1.66 -4.13	27.50 2.11 0.00	31.69 2.46 0.00	34.06 2.58 -0.82	34.79 2.52 -1.55	38.43 3.04 -2.76	40.52 3.13 -2.96	38.58 3.25 0.00	46.88 3.99 0.00	51.53 4.55 0.00	59.07 4.60 -2.73	56.16 3.89 -2.99	53.51 3.78 0.00	42.91 2.50 -0.17	40.80 2.60 0.00	37.80 2.51 0.00	35.12 2.02 0.00
AST_ENERGY_2_CC4 323678	33.94 1.98 0.00	30.83 1.83 0.00	28.61 1.72 0.00	27.43 1.63 0.00	27.04 1.55 0.00	27.28 1.45 0.00	27.54 1.68 0.00	26.33 1.66 -4.13	27.50 2.11 0.00	31.69 2.46 0.00	34.06 2.58 -0.82	34.79 2.52 -1.55	38.43 3.04 -2.76	40.52 3.13 -2.96	38.58 3.25 0.00	46.88 3.99 0.00	51.53 4.55 0.00	59.07 4.60 -2.73	56.16 3.89 -2.99	53.51 3.78 0.00	42.91 2.50 -0.17	40.80 2.60 0.00	37.80 2.51 0.00	35.12 2.02 0.00
ATHENS_STG_1 23668	33.14 1.18 0.00	30.10 1.10 0.00	27.96 1.08 0.00	26.86 1.06 0.00	26.48 0.99 0.00	26.76 0.93 0.00	26.87 1.01 0.00	26.21 1.01 -4.67	26.64 1.24 0.00	30.67 1.43 0.00	33.07 1.53 -0.87	33.87 1.51 -1.64	37.45 1.70 -3.12	39.53 1.75 -3.34	37.06 1.73 0.00	45.03 2.14 0.00	49.36 2.39 0.00	57.07 2.43 -2.90	54.61 2.17 -3.18	51.92 2.19 0.00	41.91 1.49 -0.18	39.73 1.53 0.00	36.78 1.48 0.00	34.26 1.16 0.00
ATHENS_STG_2 23670	33.14 1.18 0.00	30.10 1.10 0.00	27.96 1.08 0.00	26.86 1.06 0.00	26.48 0.99 0.00	26.76 0.93 0.00	26.87 1.01 0.00	26.21 1.01 -4.67	26.64 1.24 0.00	30.67 1.43 0.00	33.07 1.53 -0.87	33.87 1.51 -1.64	37.45 1.70 -3.12	39.53 1.75 -3.34	37.06 1.73 0.00	45.03 2.14 0.00	49.36 2.39 0.00	57.07 2.43 -2.90	54.61 2.17 -3.18	51.92 2.19 0.00	41.91 1.49 -0.18	39.73 1.53 0.00	36.78 1.48 0.00	34.26 1.16 0.00

ATHENS_STG_3 23677	33.14 1.18 0.00	30.10 1.10 0.00	27.96 1.08 0.00	26.86 1.06 0.00	26.48 0.99 0.00	26.76 0.93 0.00	26.87 1.01 0.00	26.21 1.01 -4.67	26.64 1.24 0.00	30.67 1.43 0.00	33.07 1.53 -0.87	33.87 1.51 -1.64	37.45 1.70 -3.12	39.53 1.75 -3.34	37.06 1.73 0.00	45.03 2.14 0.00	49.36 2.39 0.00	57.07 2.43 -2.90	54.61 2.17 -3.18	51.92 2.19 0.00	41.91 1.49 -0.18	39.73 1.53 0.00	36.78 1.48 0.00	34.26 1.16 0.00
AUBURN____LFGE 323710	32.50 0.54 0.00	29.46 0.46 0.00	27.29 0.40 0.00	26.04 0.23 0.00	25.64 0.15 0.00	26.19 0.36 0.00	26.14 0.28 0.00	21.29 0.27 -0.49	25.80 0.41 0.00	29.79 0.56 0.00	31.34 0.58 -0.10	31.58 0.68 -0.18	33.43 0.46 -0.33	35.26 0.48 -0.35	36.00 0.67 0.00	43.70 0.81 0.00	48.85 1.27 -0.61	55.57 2.12 -1.72	52.34 1.72 -1.35	52.65 1.84 -1.08	41.95 1.69 -0.02	39.61 1.41 0.00	36.42 1.13 0.00	33.83 0.73 0.00
BABYLON_RES_REC 323704	41.42 3.00 -6.46	39.25 2.73 -7.52	37.09 2.58 -7.63	32.97 2.45 -4.72	30.51 2.37 -2.65	30.61 2.33 -2.46	31.47 2.54 -3.08	31.67 2.30 -8.83	34.52 2.89 -6.23	40.64 3.36 -8.05	48.54 3.49 -14.38	50.55 3.41 -16.41	58.76 3.56 -22.56	63.08 3.69 -24.97	62.54 3.74 -23.47	72.14 4.42 -24.84	89.86 5.12 -37.77	67.48 5.28 -10.47	65.99 4.73 -11.98	62.62 4.88 -8.01	53.77 3.46 -10.07	50.85 3.59 -9.06	48.72 3.70 -9.72	46.98 3.15 -10.73
BABYLON__69_KV_BK2 356345	41.83 3.42 -6.46	39.65 3.13 -7.52	37.47 2.96 -7.63	33.26 2.74 -4.72	30.79 2.65 -2.65	30.98 2.69 -2.46	31.76 2.82 -3.08	31.94 2.57 -8.83	34.88 3.25 -6.23	41.05 3.77 -8.04	49.10 4.05 -14.38	51.48 4.02 -16.73	59.74 4.41 -22.70	64.11 4.68 -25.00	63.46 4.66 -23.47	73.35 5.62 -24.84	92.44 6.29 -39.18	73.35 6.62 -14.99	67.58 5.91 -12.39	65.67 6.07 -9.86	55.59 4.39 -10.97	53.18 4.55 -10.43	49.21 4.20 -9.72	47.44 3.61 -10.73
BARON_WINDS____WT_PWR 323822	32.63 0.67 0.00	29.67 0.67 0.00	27.29 0.40 0.00	25.83 0.03 0.00	25.36 -0.13 0.00	26.27 0.44 0.00	26.22 0.36 0.00	21.56 0.18 -0.84	25.68 0.28 0.00	29.82 0.58 0.00	31.67 0.83 -0.18	32.04 0.98 -0.33	33.63 0.42 -0.56	35.48 0.45 -0.60	36.10 0.78 0.00	43.91 1.03 0.00	47.72 0.61 -0.14	54.44 1.81 -0.90	51.52 1.38 -0.87	51.42 1.44 -0.24	42.05 1.77 -0.04	39.61 1.41 0.00	36.46 1.16 0.00	34.09 0.99 0.00
BARRETT_IC_1 23704	40.98 2.56 -6.46	38.85 2.32 -7.53	36.73 2.21 -7.63	32.62 2.09 -4.73	30.16 2.01 -2.66	30.23 1.94 -2.47	31.06 2.12 -3.08	31.38 2.01 -8.83	34.07 2.44 -6.23	40.00 2.72 -8.04	47.84 2.79 -14.38	49.70 2.73 -16.24	58.37 3.23 -22.49	62.58 3.20 -24.95	62.11 3.32 -23.47	71.75 4.03 -24.83	88.41 4.61 -36.83	63.94 4.76 -7.45	64.73 4.19 -11.28	60.97 4.23 -7.01	52.70 2.98 -9.48	49.53 3.02 -8.31	48.13 3.11 -9.73	46.45 2.61 -10.74
BARRETT_IC_10 23701	40.98 2.56 -6.46	38.85 2.32 -7.53	36.73 2.21 -7.63	32.62 2.09 -4.73	30.16 2.01 -2.66	30.23 1.94 -2.47	31.06 2.12 -3.08	31.38 2.01 -8.83	34.07 2.44 -6.23	40.00 2.72 -8.04	47.84 2.79 -14.38	49.70 2.73 -16.24	58.37 3.23 -22.49	62.58 3.20 -24.95	62.11 3.32 -23.47	71.75 4.03 -24.83	88.41 4.61 -36.83	63.94 4.76 -7.45	64.73 4.19 -11.28	60.97 4.23 -7.01	52.70 2.98 -9.48	49.53 3.02 -8.31	48.13 3.11 -9.73	46.45 2.61 -10.74
BARRETT_IC_11 23702	40.98 2.56 -6.46	38.85 2.32 -7.53	36.73 2.21 -7.63	32.62 2.09 -4.73	30.16 2.01 -2.66	30.23 1.94 -2.47	31.06 2.12 -3.08	31.38 2.01 -8.83	34.07 2.44 -6.23	40.00 2.72 -8.04	47.84 2.79 -14.38	49.70 2.73 -16.24	58.37 3.23 -22.49	62.58 3.20 -24.95	62.11 3.32 -23.47	71.75 4.03 -24.83	88.41 4.61 -36.83	63.94 4.76 -7.45	64.73 4.19 -11.28	60.97 4.23 -7.01	52.70 2.98 -9.48	49.53 3.02 -8.31	48.13 3.11 -9.73	46.45 2.61 -10.74
BARRETT_IC_12 23703	40.98 2.56 -6.46	38.85 2.32 -7.53	36.73 2.21 -7.63	32.62 2.09 -4.73	30.16 2.01 -2.66	30.23 1.94 -2.47	31.06 2.12 -3.08	31.38 2.01 -8.83	34.07 2.44 -6.23	40.00 2.72 -8.04	47.84 2.79 -14.38	49.70 2.73 -16.24	58.37 3.23 -22.49	62.58 3.20 -24.95	62.11 3.32 -23.47	71.75 4.03 -24.83	88.41 4.61 -36.83	63.94 4.76 -7.45	64.73 4.19 -11.28	60.97 4.23 -7.01	52.70 2.98 -9.48	49.53 3.02 -8.31	48.13 3.11 -9.73	46.45 2.61 -10.74
BARRETT_IC_2 23705	40.98 2.56 -6.46	38.85 2.32 -7.53	36.73 2.21 -7.63	32.62 2.09 -4.73	30.16 2.01 -2.66	30.23 1.94 -2.47	31.06 2.12 -3.08	31.38 2.01 -8.83	34.07 2.44 -6.23	40.00 2.72 -8.04	47.84 2.79 -14.38	49.70 2.73 -16.24	58.37 3.23 -22.49	62.58 3.20 -24.95	62.11 3.32 -23.47	71.75 4.03 -24.83	88.41 4.61 -36.83	63.94 4.76 -7.45	64.73 4.19 -11.28	60.97 4.23 -7.01	52.70 2.98 -9.48	49.53 3.02 -8.31	48.13 3.11 -9.73	46.45 2.61 -10.74
BARRETT_IC_3 23706	40.98 2.56 -6.46	38.85 2.32 -7.53	36.73 2.21 -7.63	32.62 2.09 -4.73	30.16 2.01 -2.66	30.23 1.94 -2.47	31.06 2.12 -3.08	31.38 2.01 -8.83	34.07 2.44 -6.23	40.00 2.72 -8.04	47.84 2.79 -14.38	49.70 2.73 -16.24	58.37 3.23 -22.49	62.58 3.20 -24.95	62.11 3.32 -23.47	71.75 4.03 -24.83	88.41 4.61 -36.83	63.94 4.76 -7.45	64.73 4.19 -11.28	60.97 4.23 -7.01	52.70 2.98 -9.48	49.53 3.02 -8.31	48.13 3.11 -9.73	46.45 2.61 -10.74
BARRETT_IC_4 23707	40.98 2.56 -6.46	38.85 2.32 -7.53	36.73 2.21 -7.63	32.62 2.09 -4.73	30.16 2.01 -2.66	30.23 1.94 -2.47	31.06 2.12 -3.08	31.38 2.01 -8.83	34.07 2.44 -6.23	40.00 2.72 -8.04	47.84 2.79 -14.38	49.70 2.73 -16.24	58.37 3.23 -22.49	62.58 3.20 -24.95	62.11 3.32 -23.47	71.75 4.03 -24.83	88.41 4.61 -36.83	63.94 4.76 -7.45	64.73 4.19 -11.28	60.97 4.23 -7.01	52.70 2.98 -9.48	49.53 3.02 -8.31	48.13 3.11 -9.73	46.45 2.61 -10.74
BARRETT_IC_5 23708	40.98 2.56 -6.46	38.85 2.32 -7.53	36.73 2.21 -7.63	32.62 2.09 -4.73	30.16 2.01 -2.66	30.23 1.94 -2.47	31.06 2.12 -3.08	31.38 2.01 -8.83	34.07 2.44 -6.23	40.00 2.72 -8.04	47.84 2.79 -14.38	49.70 2.73 -16.24	58.37 3.23 -22.49	62.58 3.20 -24.95	62.11 3.32 -23.47	71.75 4.03 -24.83	88.41 4.61 -36.83	63.94 4.76 -7.45	64.73 4.19 -11.28	60.97 4.23 -7.01	52.70 2.98 -9.48	49.53 3.02 -8.31	48.13 3.11 -9.73	46.45 2.61 -10.74
BARRETT_IC_6 23709	40.98 2.56 -6.46	38.85 2.32 -7.53	36.73 2.21 -7.63	32.62 2.09 -4.73	30.16 2.01 -2.66	30.23 1.94 -2.47	31.06 2.12 -3.08	31.38 2.01 -8.83	34.07 2.44 -6.23	40.00 2.72 -8.04	47.84 2.79 -14.38	49.70 2.73 -16.24	58.37 3.23 -22.49	62.58 3.20 -24.95	62.11 3.32 -23.47	71.75 4.03 -24.83	88.41 4.61 -36.83	63.94 4.76 -7.45	64.73 4.19 -11.28	60.97 4.23 -7.01	52.70 2.98 -9.48	49.53 3.02 -8.31	48.13 3.11 -9.73	46.45 2.61 -10.74
BARRETT_IC_7 23710	40.97 2.56 -6.45	38.90 2.38 -7.52	36.72 2.20 -7.63	32.59 2.06 -4.72	30.10 1.96 -2.65	30.28 1.99 -2.46	31.03 2.09 -3.08	31.38 2.01 -8.83	34.07 2.44 -6.23	40.00 2.72 -8.04	47.84 2.79 -14.38	49.70 2.73 -16.24	58.36 3.23 -22.49	62.58 3.20 -24.95	62.08 3.29 -23.47	71.71 3.99 -24.83	88.40 4.60 -36.83	64.00 4.81 -7.45	64.69 4.14 -11.28	60.87 4.13 -7.01	52.66 2.94 -9.48	49.46 2.94 -8.31	48.08 3.07 -9.72	46.44 2.61 -10.73

BARRETT_IC_8 23711	40.98 2.56 -6.46	38.85 2.32 -7.53	36.73 2.21 -7.63	32.62 2.09 -4.73	30.16 2.01 -2.66	30.23 1.94 -2.47	31.06 2.12 -3.08	31.38 2.01 -8.83	34.07 2.44 -6.23	40.00 2.72 -8.04	47.84 2.79 -14.38	49.70 2.73 -16.24	58.37 3.23 -22.49	62.58 3.20 -24.95	62.11 3.32 -23.47	71.75 4.03 -24.83	88.41 4.61 -36.83	63.94 4.76 -7.45	64.73 4.19 -11.28	60.97 4.23 -7.01	52.70 2.98 -9.48	49.53 3.02 -8.31	48.13 3.11 -9.73	46.45 2.61 -10.74
BARRETT_IC_9 23700	40.98 2.56 -6.46	38.85 2.32 -7.53	36.73 2.21 -7.63	32.62 2.09 -4.73	30.16 2.01 -2.66	30.23 1.94 -2.47	31.06 2.12 -3.08	31.38 2.01 -8.83	34.07 2.44 -6.23	40.00 2.72 -8.04	47.84 2.79 -14.38	49.70 2.73 -16.24	58.37 3.23 -22.49	62.58 3.20 -24.95	62.11 3.32 -23.47	71.75 4.03 -24.83	88.41 4.61 -36.83	63.94 4.76 -7.45	64.73 4.19 -11.28	60.97 4.23 -7.01	52.70 2.98 -9.48	49.53 3.02 -8.31	48.13 3.11 -9.73	46.45 2.61 -10.74
BARRETT___1 23545	40.98 2.56 -6.46	38.85 2.32 -7.53	36.73 2.21 -7.63	32.62 2.09 -4.73	30.16 2.01 -2.66	30.23 1.94 -2.47	31.06 2.12 -3.08	31.38 2.01 -8.83	34.07 2.44 -6.23	40.00 2.72 -8.04	47.84 2.79 -14.38	49.70 2.73 -16.24	58.37 3.23 -22.49	62.58 3.20 -24.95	62.11 3.32 -23.47	71.75 4.03 -24.83	88.41 4.61 -36.83	63.94 4.76 -7.45	64.73 4.19 -11.28	60.97 4.23 -7.01	52.70 2.98 -9.48	49.53 3.02 -8.31	48.13 3.11 -9.73	46.45 2.61 -10.74
BARRETT___2 23546	40.98 2.56 -6.46	38.85 2.32 -7.53	36.73 2.21 -7.63	32.62 2.09 -4.73	30.16 2.01 -2.66	30.23 1.94 -2.47	31.06 2.12 -3.08	31.38 2.01 -8.83	34.07 2.44 -6.23	40.00 2.72 -8.04	47.84 2.79 -14.38	49.70 2.73 -16.24	58.37 3.23 -22.49	62.58 3.20 -24.95	62.11 3.32 -23.47	71.75 4.03 -24.83	88.41 4.61 -36.83	63.94 4.76 -7.45	64.73 4.19 -11.28	60.97 4.23 -7.01	52.70 2.98 -9.48	49.53 3.02 -8.31	48.13 3.11 -9.73	46.45 2.61 -10.74
BATAVIA___115KV_TB1 55881	33.08 1.12 0.00	29.90 0.90 0.00	27.69 0.81 0.00	25.91 0.10 0.00	25.31 -0.18 0.00	26.55 0.72 0.00	26.30 0.44 0.00	21.36 0.27 -0.55	25.83 0.43 0.00	29.73 0.50 0.00	31.66 0.89 -0.11	32.03 1.11 -0.20	33.89 0.88 -0.37	35.86 1.03 -0.40	36.53 1.20 0.00	44.52 1.63 0.00	48.47 1.50 0.00	54.58 2.48 -0.36	51.44 1.77 -0.39	51.87 2.14 0.00	42.76 2.49 -0.02	40.19 1.99 0.00	36.74 1.45 0.00	34.39 1.29 0.00
BAYONEEC___CTG1 323682	33.94 1.98 0.00	30.83 1.83 0.00	28.61 1.72 0.00	27.43 1.63 0.00	27.04 1.55 0.00	27.28 1.45 0.00	27.54 1.68 0.00	26.35 1.68 -4.13	27.53 2.13 0.00	31.72 2.48 0.00	34.09 2.61 -0.82	34.82 2.55 -1.55	38.47 3.07 -2.76	40.52 3.13 -2.96	38.61 3.29 0.01	46.87 3.99 0.01	51.53 4.55 0.00	59.07 4.60 -2.73	56.15 3.89 -2.98	53.51 3.78 0.01	42.90 2.50 -0.16	40.02 2.60 0.78	37.80 2.51 0.00	35.12 2.02 0.00
BAYONEEC___CTG10 323750	33.94 1.98 0.00	30.83 1.83 0.00	28.61 1.72 0.00	27.43 1.63 0.00	27.04 1.55 0.00	27.28 1.45 0.00	27.54 1.68 0.00	26.35 1.68 -4.13	27.53 2.13 0.00	31.72 2.48 0.00	34.09 2.61 -0.82	34.82 2.55 -1.55	38.47 3.07 -2.76	40.52 3.13 -2.96	38.61 3.29 0.01	46.87 3.99 0.01	51.53 4.55 0.00	59.07 4.60 -2.73	56.15 3.89 -2.98	53.51 3.78 0.01	42.90 2.50 -0.16	40.02 2.60 0.78	37.80 2.51 0.00	35.12 2.02 0.00
BAYONEEC___CTG2 323683	33.94 1.98 0.00	30.83 1.83 0.00	28.61 1.72 0.00	27.43 1.63 0.00	27.04 1.55 0.00	27.28 1.45 0.00	27.54 1.68 0.00	26.35 1.68 -4.13	27.53 2.13 0.00	31.72 2.48 0.00	34.09 2.61 -0.82	34.82 2.55 -1.55	38.47 3.07 -2.76	40.52 3.13 -2.96	38.61 3.29 0.01	46.87 3.99 0.01	51.53 4.55 0.00	59.07 4.60 -2.73	56.15 3.89 -2.98	53.51 3.78 0.01	42.90 2.50 -0.16	40.02 2.60 0.78	37.80 2.51 0.00	35.12 2.02 0.00
BAYONEEC___CTG3 323684	33.94 1.98 0.00	30.83 1.83 0.00	28.61 1.72 0.00	27.43 1.63 0.00	27.04 1.55 0.00	27.28 1.45 0.00	27.54 1.68 0.00	26.35 1.68 -4.13	27.53 2.13 0.00	31.72 2.48 0.00	34.09 2.61 -0.82	34.82 2.55 -1.55	38.47 3.07 -2.76	40.52 3.13 -2.96	38.61 3.29 0.01	46.87 3.99 0.01	51.53 4.55 0.00	59.07 4.60 -2.73	56.15 3.89 -2.98	53.51 3.78 0.01	42.90 2.50 -0.16	40.02 2.60 0.78	37.80 2.51 0.00	35.12 2.02 0.00
BAYONEEC___CTG4 323685	33.94 1.98 0.00	30.83 1.83 0.00	28.61 1.72 0.00	27.43 1.63 0.00	27.04 1.55 0.00	27.28 1.45 0.00	27.54 1.68 0.00	26.35 1.68 -4.13	27.53 2.13 0.00	31.72 2.48 0.00	34.09 2.61 -0.82	34.82 2.55 -1.55	38.47 3.07 -2.76	40.52 3.13 -2.96	38.61 3.29 0.01	46.87 3.99 0.01	51.53 4.55 0.00	59.07 4.60 -2.73	56.15 3.89 -2.98	53.51 3.78 0.01	42.90 2.50 -0.16	40.02 2.60 0.78	37.80 2.51 0.00	35.12 2.02 0.00
BAYONEEC___CTG5 323686	33.94 1.98 0.00	30.83 1.83 0.00	28.61 1.72 0.00	27.43 1.63 0.00	27.04 1.55 0.00	27.28 1.45 0.00	27.54 1.68 0.00	26.35 1.68 -4.13	27.53 2.13 0.00	31.72 2.48 0.00	34.09 2.61 -0.82	34.82 2.55 -1.55	38.47 3.07 -2.76	40.52 3.13 -2.96	38.61 3.29 0.01	46.87 3.99 0.01	51.53 4.55 0.00	59.07 4.60 -2.73	56.15 3.89 -2.98	53.51 3.78 0.01	42.90 2.50 -0.16	40.02 2.60 0.78	37.80 2.51 0.00	35.12 2.02 0.00
BAYONEEC___CTG6 323687	33.94 1.98 0.00	30.83 1.83 0.00	28.61 1.72 0.00	27.43 1.63 0.00	27.04 1.55 0.00	27.28 1.45 0.00	27.54 1.68 0.00	26.35 1.68 -4.13	27.53 2.13 0.00	31.72 2.48 0.00	34.09 2.61 -0.82	34.82 2.55 -1.55	38.47 3.07 -2.76	40.52 3.13 -2.96	38.61 3.29 0.01	46.87 3.99 0.01	51.53 4.55 0.00	59.07 4.60 -2.73	56.15 3.89 -2.98	53.51 3.78 0.01	42.90 2.50 -0.16	40.02 2.60 0.78	37.80 2.51 0.00	35.12 2.02 0.00
BAYONEEC___CTG7 323688	33.94 1.98 0.00	30.83 1.83 0.00	28.61 1.72 0.00	27.43 1.63 0.00	27.04 1.55 0.00	27.28 1.45 0.00	27.54 1.68 0.00	26.35 1.68 -4.13	27.53 2.13 0.00	31.72 2.48 0.00	34.09 2.61 -0.82	34.82 2.55 -1.55	38.47 3.07 -2.76	40.52 3.13 -2.96	38.61 3.29 0.01	46.87 3.99 0.01	51.53 4.55 0.00	59.07 4.60 -2.73	56.15 3.89 -2.98	53.51 3.78 0.01	42.90 2.50 -0.16	40.02 2.60 0.78	37.80 2.51 0.00	35.12 2.02 0.00
BAYONEEC___CTG8 323689	33.94 1.98 0.00	30.83 1.83 0.00	28.61 1.72 0.00	27.43 1.63 0.00	27.04 1.55 0.00	27.28 1.45 0.00	27.54 1.68 0.00	26.35 1.68 -4.13	27.53 2.13 0.00	31.72 2.48 0.00	34.09 2.61 -0.82	34.82 2.55 -1.55	38.47 3.07 -2.76	40.52 3.13 -2.96	38.61 3.29 0.01	46.87 3.99 0.01	51.53 4.55 0.00	59.07 4.60 -2.73	56.15 3.89 -2.98	53.51 3.78 0.01	42.90 2.50 -0.16	40.02 2.60 0.78	37.80 2.51 0.00	35.12 2.02 0.00
BAYONEEC___CTG9 323749	33.94 1.98 0.00	30.83 1.83 0.00	28.61 1.72 0.00	27.43 1.63 0.00	27.04 1.55 0.00	27.28 1.45 0.00	27.54 1.68 0.00	26.35 1.68 -4.13	27.53 2.13 0.00	31.72 2.48 0.00	34.09 2.61 -0.82	34.82 2.55 -1.55	38.47 3.07 -2.76	40.52 3.13 -2.96	38.61 3.29 0.01	46.87 3.99 0.01	51.53 4.55 0.00	59.07 4.60 -2.73	56.15 3.89 -2.98	53.51 3.78 0.01	42.90 2.50 -0.16	40.02 2.60 0.78	37.80 2.51 0.00	35.12 2.02 0.00

BEACON___LESR 323632	33.27 1.31 0.00	30.22 1.22 0.00	28.04 1.16 0.00	26.91 1.11 0.00	26.51 1.02 0.00	26.81 0.98 0.00	26.94 1.09 0.00	26.84 1.01 -5.30	26.69 1.29 0.00	30.70 1.46 0.00	34.07 1.62 -1.79	35.74 1.66 -3.36	37.84 1.66 -3.54	40.01 1.79 -3.79	37.20 1.87 0.00	45.29 2.40 0.00	49.65 2.68 0.00	60.77 3.10 -5.93	58.57 2.81 -6.49	52.57 2.83 0.00	42.82 2.21 -0.37	40.30 2.10 0.00	37.20 1.90 0.00	34.62 1.52 0.00
BEAVER RIVER___HYD 24048	32.05 0.10 0.00	29.03 0.03 0.00	26.89 0.00 0.00	25.78 -0.03 0.00	25.51 0.03 0.00	25.80 -0.03 0.00	25.65 -0.21 0.00	20.36 -0.33 -0.15	25.02 -0.38 0.00	28.80 -0.44 0.00	30.24 -0.43 0.00	30.36 -0.37 0.00	32.35 -0.39 -0.10	34.06 -0.48 -0.11	34.62 -0.71 0.00	42.03 -0.86 0.00	46.40 -0.94 -0.37	51.81 -0.77 -0.85	49.54 -0.34 -0.61	50.24 -0.15 -0.65	40.36 0.12 0.00	38.32 0.11 0.00	35.47 0.18 0.00	33.16 0.07 0.00
BEEBEE_GT_13 23619	32.44 0.48 0.00	29.35 0.35 0.00	27.18 0.30 0.00	25.62 -0.18 0.00	25.18 -0.31 0.00	26.14 0.31 0.00	25.96 0.10 0.00	21.17 0.16 -0.48	25.60 0.20 0.00	29.53 0.29 0.00	31.28 0.52 -0.09	31.63 0.74 -0.17	33.71 0.75 -0.32	35.63 0.86 -0.34	36.18 0.85 0.00	44.04 1.16 0.00	48.10 1.13 0.00	53.84 1.81 -0.30	50.88 1.28 -0.33	51.23 1.49 0.00	41.95 1.69 -0.02	39.54 1.34 0.00	36.18 0.88 0.00	33.79 0.70 0.00
BENSHRST_27_KV_BENSHRST_1 355998	34.39 2.43 0.00	31.39 2.38 -0.01	29.06 2.18 0.00	27.71 1.91 0.00	27.29 1.81 0.00	27.51 1.68 0.00	27.67 1.81 0.00	26.45 1.79 -4.13	27.68 2.29 0.00	31.98 2.75 0.00	34.43 2.94 -0.82	35.13 2.86 -1.55	38.89 3.49 -2.76	41.00 3.62 -2.96	39.11 3.78 0.00	47.43 4.55 0.00	52.18 5.21 0.00	59.80 5.33 -2.73	56.75 4.48 -2.99	54.06 4.33 0.00	43.23 2.82 -0.17	41.22 3.02 0.00	38.33 3.04 0.00	35.68 2.58 0.00
BETHLEHEM___GRP 23843	32.72 0.77 0.00	29.78 0.78 0.00	27.59 0.70 0.00	26.50 0.70 0.00	26.10 0.61 0.00	26.45 0.62 0.00	26.53 0.67 0.00	26.54 0.70 -5.30	26.31 0.91 0.00	30.20 0.96 0.00	33.51 1.07 -1.77	35.13 1.08 -3.33	37.26 1.08 -3.54	39.40 1.17 -3.80	36.46 1.13 0.00	44.30 1.42 0.00	48.57 1.60 0.00	59.42 1.81 -5.88	57.28 1.58 -6.44	51.28 1.54 0.00	41.77 1.17 -0.36	39.35 1.15 0.00	36.35 1.06 0.00	33.89 0.79 0.00
BETHLEHEM___GS1 323560	32.72 0.77 0.00	29.75 0.75 0.00	27.61 0.73 0.00	26.50 0.70 0.00	26.12 0.64 0.00	26.42 0.59 0.00	26.56 0.70 0.00	26.54 0.70 -5.30	26.31 0.91 0.00	30.20 0.96 0.00	33.51 1.07 -1.77	35.13 1.07 -3.33	37.26 1.08 -3.54	39.40 1.17 -3.80	36.49 1.16 0.00	44.35 1.46 0.00	48.61 1.64 0.00	59.42 1.81 -5.88	57.28 1.58 -6.44	51.38 1.64 0.00	41.77 1.17 -0.36	39.39 1.19 0.00	36.35 1.06 0.00	33.86 0.76 0.00
BETHLEHEM___GS2 323561	32.72 0.77 0.00	29.75 0.75 0.00	27.61 0.73 0.00	26.50 0.70 0.00	26.12 0.64 0.00	26.42 0.59 0.00	26.56 0.70 0.00	26.54 0.70 -5.30	26.31 0.91 0.00	30.20 0.96 0.00	33.51 1.07 -1.77	35.13 1.07 -3.33	37.26 1.08 -3.54	39.40 1.17 -3.80	36.49 1.16 0.00	44.35 1.46 0.00	48.61 1.64 0.00	59.42 1.81 -5.88	57.28 1.58 -6.44	51.38 1.64 0.00	41.77 1.17 -0.36	39.39 1.19 0.00	36.35 1.06 0.00	33.86 0.76 0.00
BETHLEHEM___GS3 323562	32.72 0.77 0.00	29.75 0.75 0.00	27.61 0.73 0.00	26.50 0.70 0.00	26.12 0.64 0.00	26.42 0.59 0.00	26.56 0.70 0.00	26.54 0.70 -5.30	26.31 0.91 0.00	30.20 0.96 0.00	33.51 1.07 -1.77	35.13 1.07 -3.33	37.26 1.08 -3.54	39.40 1.17 -3.80	36.49 1.16 0.00	44.35 1.46 0.00	48.61 1.64 0.00	59.42 1.81 -5.88	57.28 1.58 -6.44	51.38 1.64 0.00	41.77 1.17 -0.36	39.39 1.19 0.00	36.35 1.06 0.00	33.86 0.76 0.00
BETHLEHEM___STEEL 23779	32.63 0.67 0.00	29.55 0.55 0.00	27.34 0.46 0.00	25.57 -0.23 0.00	25.05 -0.43 0.00	26.35 0.52 0.00	26.14 0.28 0.00	21.16 -0.02 -0.64	25.68 0.28 0.00	29.53 0.29 0.00	31.41 0.61 -0.13	31.83 0.86 -0.24	33.30 0.23 -0.43	35.17 0.28 -0.46	36.07 0.74 0.00	44.00 1.12 0.00	48.10 1.13 0.00	54.08 1.91 -0.43	50.73 0.99 -0.47	51.03 1.29 0.00	42.12 1.85 -0.03	39.58 1.38 0.00	36.35 1.06 0.00	34.06 0.96 0.00
BETHLHEM_115KV_TB1 79974	32.79 0.83 0.00	29.84 0.84 0.00	27.64 0.75 0.00	26.55 0.75 0.00	26.17 0.69 0.00	26.53 0.70 0.00	26.58 0.72 0.00	26.57 0.74 -5.30	26.36 0.97 0.00	30.26 1.02 0.00	33.52 1.13 -1.73	35.11 1.14 -3.25	37.35 1.18 -3.54	39.46 1.24 -3.80	36.56 1.24 0.00	44.39 1.50 0.00	48.66 1.69 0.00	59.38 1.91 -5.73	57.22 1.68 -6.28	51.38 1.64 0.00	41.84 1.25 -0.36	39.42 1.22 0.00	36.42 1.13 0.00	33.96 0.86 0.00
BETHPAGE_CC_5 323564	41.07 2.65 -6.46	38.96 2.44 -7.52	36.83 2.31 -7.63	32.77 2.24 -4.72	30.30 2.16 -2.65	30.38 2.09 -2.46	31.24 2.30 -3.08	31.50 2.14 -8.83	34.27 2.64 -6.23	40.35 3.07 -8.05	48.21 3.16 -14.38	50.12 3.07 -16.32	58.68 3.53 -22.51	63.07 3.69 -24.96	62.58 3.78 -23.47	72.35 4.63 -24.83	89.46 5.21 -37.28	66.00 5.38 -8.89	65.66 4.78 -11.61	61.95 4.73 -7.48	53.30 3.30 -9.76	50.27 3.40 -8.67	48.26 3.24 -9.72	46.54 2.71 -10.73
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	32.69 0.74 0.00	29.58 0.58 0.00	27.37 0.48 0.00	25.60 -0.21 0.00	25.08 -0.41 0.00	26.37 0.54 0.00	26.17 0.31 0.00	21.15 -0.04 -0.65	25.73 0.33 0.00	29.59 0.35 0.00	31.50 0.71 -0.13	31.86 0.89 -0.25	33.30 0.23 -0.44	35.14 0.24 -0.47	36.18 0.85 0.00	44.13 1.24 0.00	48.19 1.22 0.00	54.24 2.07 -0.44	50.88 1.13 -0.48	51.18 1.44 0.00	42.20 1.93 -0.03	39.69 1.49 0.00	36.42 1.13 0.00	34.09 0.99 0.00
BINGHAMTON___COGEN 23790	32.47 0.51 0.00	29.43 0.44 0.00	27.26 0.38 0.00	26.01 0.21 0.00	25.59 0.10 0.00	26.22 0.39 0.00	26.17 0.31 0.00	22.04 0.29 -1.22	25.88 0.48 0.00	29.82 0.58 0.00	31.71 0.77 -0.27	32.07 0.83 -0.51	34.04 0.59 -0.81	35.92 0.62 -0.87	36.14 0.81 0.00	44.00 1.12 0.00	48.50 1.27 -0.26	55.00 1.76 -1.50	52.07 1.38 -1.42	51.64 1.44 -0.46	41.63 1.33 -0.06	39.38 1.18 0.00	36.25 0.95 0.00	33.76 0.66 0.00
BIXINCNT_115KV_LOAD 355685	32.66 0.70 0.00	29.52 0.52 0.00	27.32 0.43 0.00	25.60 -0.21 0.00	25.05 -0.43 0.00	26.35 0.52 0.00	26.25 0.39 0.00	21.16 -0.06 -0.69	25.86 0.46 0.00	29.73 0.50 0.00	31.66 0.86 -0.14	32.06 1.08 -0.26	33.23 0.13 -0.46	35.06 0.14 -0.49	36.25 0.92 0.00	44.17 1.29 0.00	48.19 1.22 0.00	54.37 2.17 -0.47	51.06 1.28 -0.51	51.28 1.54 0.00	42.28 2.01 -0.03	39.80 1.60 0.00	36.53 1.24 0.00	34.12 1.03 0.00
BLACK RIVER___HYD 24047	32.18 0.23 0.00	29.12 0.12 0.00	26.94 0.05 0.00	25.80 0.00 0.00	25.51 0.03 0.00	25.86 0.03 0.00	25.73 -0.13 0.00	20.54 -0.21 -0.21	25.17 -0.23 0.00	28.97 -0.26 0.00	30.51 -0.15 0.00	30.66 -0.06 0.00	32.68 -0.10 -0.14	34.41 -0.17 -0.15	34.83 -0.49 0.00	42.29 -0.60 0.00	47.00 -0.56 -0.59	52.88 -0.21 -1.35	50.43 0.20 -0.96	51.37 0.60 -1.04	41.05 0.80 0.00	38.92 0.72 0.00	35.89 0.60 0.00	33.36 0.26 0.00

BLACKRVR_115KV_TB2 79977	32.18 0.22 0.00	29.12 0.12 0.00	26.97 0.08 0.00	25.83 0.03 0.00	25.54 0.05 0.00	25.88 0.05 0.00	25.75 -0.10 0.00	20.54 -0.21 -0.21	25.17 -0.23 0.00	29.00 -0.23 0.00	30.51 -0.15 0.00	30.66 -0.06 0.00	32.68 -0.10 -0.14	34.41 -0.17 -0.15	34.83 -0.49 0.00	42.29 -0.60 0.00	47.00 -0.56 -0.59	52.93 -0.16 -1.35	50.43 0.20 -0.96	51.42 0.65 -1.04	41.01 0.76 0.00	38.96 0.76 0.00	35.93 0.64 0.00	33.36 0.26 0.00
BLISS_WT_PWR 323608	32.63 0.67 0.00	29.64 0.64 0.00	27.15 0.27 0.00	25.57 -0.23 0.00	25.05 -0.43 0.00	26.24 0.41 0.00	26.22 0.36 0.00	21.16 -0.06 -0.69	25.35 -0.05 0.00	29.79 0.55 0.00	31.66 0.86 -0.14	32.06 1.07 -0.26	33.20 0.10 -0.46	35.03 0.10 -0.49	36.21 0.88 0.00	44.04 1.16 0.00	46.92 -0.05 0.00	54.12 1.92 -0.47	51.21 1.43 -0.51	51.08 1.34 0.00	42.32 2.05 -0.03	39.77 1.57 0.00	36.46 1.16 0.00	34.19 1.09 0.00
BLUE_CIRC_CHEM_DRP 24182	33.27 1.31 0.00	30.25 1.25 0.00	28.02 1.13 0.00	26.91 1.11 0.00	26.50 1.02 0.00	26.86 1.03 0.00	26.89 1.03 0.00	26.70 0.97 -5.20	26.62 1.22 0.00	30.61 1.37 0.00	33.66 1.47 -1.52	35.09 1.51 -2.86	37.61 1.50 -3.47	39.77 1.62 -3.72	36.92 1.59 0.00	44.82 1.93 0.00	49.13 2.16 0.00	59.27 2.48 -5.05	57.02 2.22 -5.53	52.02 2.29 0.00	42.37 1.81 -0.31	39.96 1.76 0.00	36.92 1.62 0.00	34.42 1.32 0.00
BOC_GAS_DRP 24189	32.92 0.96 0.00	29.96 0.96 0.00	27.77 0.89 0.00	26.66 0.85 0.00	26.28 0.79 0.00	26.63 0.80 0.00	26.69 0.83 0.00	26.63 0.82 -5.28	26.44 1.04 0.00	30.40 1.17 0.00	33.40 1.26 -1.48	34.77 1.26 -2.79	37.50 1.34 -3.52	39.62 1.41 -3.78	36.71 1.38 0.00	44.60 1.72 0.00	48.90 1.93 0.00	58.72 2.07 -4.92	56.48 1.82 -5.39	51.58 1.84 0.00	41.87 1.33 -0.31	39.54 1.34 0.00	36.53 1.24 0.00	34.09 0.99 0.00
BOONVILLE_115KV_TB1 79983	32.50 0.54 0.00	29.43 0.44 0.00	27.26 0.38 0.00	26.14 0.34 0.00	25.82 0.33 0.00	26.22 0.39 0.00	26.17 0.31 0.00	20.91 0.25 -0.13	25.75 0.36 0.00	29.67 0.44 0.00	31.34 0.67 0.00	31.46 0.74 0.00	33.51 0.78 -0.09	35.31 0.79 -0.09	36.07 0.74 0.00	43.83 0.94 0.00	48.10 0.99 -0.14	53.34 1.29 -0.32	50.78 1.28 -0.23	51.37 1.39 -0.24	41.45 1.21 0.00	39.31 1.11 0.00	36.25 0.95 0.00	33.73 0.63 0.00
BORALEX_4TH_BRANCH 23824	33.78 1.82 0.00	30.83 1.83 0.00	28.61 1.72 0.00	27.46 1.65 0.00	27.07 1.58 0.00	27.41 1.58 0.00	27.51 1.66 0.00	27.31 1.50 -5.28	27.23 1.83 0.00	31.37 2.13 0.00	35.08 2.30 -2.11	36.97 2.27 -3.97	38.41 2.25 -3.52	40.62 2.41 -3.78	37.76 2.44 0.00	45.98 3.09 0.00	50.45 3.48 0.00	62.47 3.73 -7.01	60.44 3.50 -7.67	53.27 3.53 0.00	43.37 2.70 -0.43	40.83 2.63 0.00	37.59 2.29 0.00	35.08 1.99 0.00
BOWLINE___1 23526	33.59 1.63 0.00	30.45 1.45 0.00	28.23 1.34 0.00	27.14 1.34 0.00	26.76 1.27 0.00	26.99 1.16 0.00	27.23 1.37 0.00	25.90 1.40 -3.97	27.13 1.73 0.00	31.19 1.96 0.00	33.54 2.09 -0.79	34.24 2.03 -1.49	37.71 2.42 -2.65	39.78 2.51 -2.84	37.94 2.61 0.00	46.10 3.22 0.00	50.68 3.71 0.00	58.09 3.73 -2.63	55.30 3.16 -2.88	52.82 3.08 0.00	42.42 2.01 -0.16	40.30 2.10 0.00	37.27 1.98 0.00	34.62 1.52 0.00
BOWLINE___2 23595	33.62 1.66 0.00	30.48 1.48 0.00	28.28 1.40 0.00	27.17 1.37 0.00	26.78 1.30 0.00	27.04 1.21 0.00	27.25 1.40 0.00	25.92 1.42 -3.97	27.15 1.75 0.00	31.25 2.02 0.00	33.60 2.15 -0.79	34.30 2.09 -1.49	37.77 2.48 -2.65	39.86 2.58 -2.84	38.01 2.68 0.00	46.14 3.26 0.00	50.73 3.76 0.00	58.19 3.83 -2.63	55.40 3.25 -2.88	52.92 3.19 0.00	42.50 2.09 -0.16	40.38 2.18 0.00	37.34 2.05 0.00	34.69 1.59 0.00
BRADY___115KV_TB2 356060	32.15 0.19 0.00	29.15 0.14 0.00	27.02 0.13 0.00	26.04 0.23 0.00	25.84 0.36 0.00	25.96 0.13 0.00	25.86 0.00 0.00	20.14 -0.39 0.00	24.89 -0.51 0.00	28.62 -0.61 0.00	29.90 -0.77 0.00	29.96 -0.77 0.00	31.86 -0.78 0.00	33.60 -0.83 0.00	34.52 -0.81 0.00	41.77 -1.12 0.00	45.42 -1.55 0.00	49.98 -1.76 0.00	48.09 -1.18 0.00	48.49 -1.24 0.00	39.36 -0.89 0.00	37.44 -0.76 0.00	34.84 -0.46 0.00	33.16 0.07 0.00
BRANSCOMB___SOLAR 323811	34.00 2.05 0.00	30.86 1.86 0.00	28.61 1.72 0.00	27.43 1.63 0.00	27.04 1.55 0.00	27.33 1.50 0.00	27.41 1.55 0.00	27.38 1.38 -5.47	27.10 1.70 0.00	31.25 2.02 0.00	35.39 2.18 -2.55	37.67 2.15 -4.80	38.38 2.09 -3.65	40.55 2.21 -3.92	37.45 2.12 0.00	45.50 2.62 0.00	49.93 2.96 0.00	63.72 3.52 -8.47	61.99 3.45 -9.27	53.27 3.53 0.00	43.91 3.14 -0.53	41.10 2.90 0.00	37.91 2.61 0.00	35.25 2.15 0.00
BRENTWOD_69_KV_W. BRTWOOD 56703	41.58 3.16 -6.46	39.45 2.93 -7.52	37.28 2.77 -7.63	33.08 2.55 -4.72	30.61 2.47 -2.65	30.79 2.51 -2.46	31.60 2.66 -3.08	31.79 2.42 -8.83	34.73 3.10 -6.23	40.85 3.57 -8.04	48.79 3.74 -14.38	51.74 3.69 -17.33	59.26 3.92 -22.70	63.70 4.20 -25.07	62.89 4.10 -23.47	72.58 4.85 -24.84	91.69 5.50 -39.22	72.67 5.79 -15.14	66.69 5.12 -12.29	68.39 5.42 -13.24	55.06 3.82 -10.99	55.33 4.16 -12.97	48.86 3.85 -9.72	47.17 3.34 -10.73
BRISTLHL_115KV_TB1 79998	31.35 -0.61 0.00	28.39 -0.61 0.00	26.35 -0.54 0.00	25.18 -0.62 0.00	24.82 -0.66 0.00	25.31 -0.52 0.00	25.26 -0.59 0.00	20.48 -0.37 -0.31	24.94 -0.46 0.00	28.74 -0.50 0.00	30.27 -0.40 0.00	30.39 -0.34 0.00	32.36 -0.49 -0.21	34.14 -0.52 -0.22	34.83 -0.49 0.00	42.24 -0.64 0.00	47.50 -0.70 -1.23	54.14 -0.41 -2.82	50.79 -0.49 -2.01	51.50 -0.40 -2.16	40.00 -0.24 0.00	37.89 -0.31 0.00	34.98 -0.32 0.00	32.57 -0.53 0.00
BROOKHAVEN___DRP 24191	41.42 3.00 -6.46	39.28 2.76 -7.52	37.28 2.77 -7.63	33.02 2.50 -4.72	30.58 2.45 -2.65	30.74 2.45 -2.46	31.57 2.64 -3.08	31.71 2.34 -8.83	34.68 3.05 -6.23	40.70 3.42 -8.04	48.67 3.62 -14.38	51.36 3.59 -17.04	60.07 3.95 -23.48	63.61 4.20 -24.98	63.01 4.20 -23.48	72.92 5.15 -24.89	99.96 5.78 -47.22	98.67 6.16 -40.78	70.76 5.47 -16.02	67.28 5.52 -12.02	60.17 3.86 -16.06	54.13 3.97 -11.96	48.72 3.71 -9.72	46.97 3.14 -10.73
BROOKLYN_NAVY_YARD 23515	34.00 2.05 0.00	30.88 1.88 0.00	28.66 1.77 0.00	27.46 1.65 0.00	27.07 1.58 0.00	27.30 1.47 0.00	27.59 1.73 0.00	26.39 1.73 -4.13	27.58 2.18 0.00	31.78 2.54 0.00	34.15 2.67 -0.82	34.85 2.58 -1.55	38.53 3.13 -2.76	40.62 3.24 -2.96	38.69 3.36 0.00	47.00 4.12 0.00	51.67 4.70 0.00	59.22 4.76 -2.73	56.31 4.04 -2.99	53.72 3.98 0.00	43.03 2.61 -0.17	40.87 2.67 0.00	37.91 2.61 0.00	35.18 2.09 0.00
BROOKLYN___ARMY_DRP 323595	34.23 2.27 0.00	31.24 2.23 -0.01	28.93 2.04 0.00	27.61 1.81 0.00	27.19 1.71 0.00	27.41 1.58 0.00	27.56 1.71 0.00	26.37 1.70 -4.13	27.56 2.16 0.00	31.84 2.60 0.00	34.28 2.79 -0.82	34.95 2.67 -1.55	38.70 3.30 -2.76	40.80 3.41 -2.96	38.90 3.57 0.00	47.13 4.25 0.00	51.86 4.88 0.00	59.43 4.97 -2.73	56.40 4.14 -2.99	53.72 3.98 0.00	42.99 2.58 -0.17	40.95 2.75 0.00	38.12 2.82 0.00	35.48 2.38 0.00

BROOKVLE_69_KV_TB1 55790	41.07 2.65 -6.46	39.01 2.49 -7.52	36.83 2.31 -7.63	32.66 2.14 -4.72	30.18 2.04 -2.65	30.36 2.07 -2.46	31.13 2.20 -3.08	31.44 2.07 -8.83	34.27 2.64 -6.23	40.38 3.10 -8.04	48.27 3.22 -14.38	50.16 3.20 -16.24	58.85 3.72 -22.49	63.27 3.89 -24.95	62.86 4.06 -23.47	72.69 4.97 -24.83	89.51 5.59 -36.95	65.38 5.79 -7.85	65.67 5.03 -11.37	61.62 4.87 -7.01	53.26 3.46 -9.56	49.91 3.40 -8.31	48.19 3.18 -9.72	46.51 2.68 -10.73
BROOME_2_LFGE 323671	32.47 0.51 0.00	29.46 0.46 0.00	27.23 0.35 0.00	25.99 0.18 0.00	25.59 0.10 0.00	26.16 0.33 0.00	26.17 0.31 0.00	22.04 0.29 -1.22	25.78 0.38 0.00	29.82 0.58 0.00	31.71 0.77 -0.27	32.07 0.83 -0.51	34.04 0.59 -0.81	35.92 0.62 -0.87	36.14 0.81 0.00	43.96 1.07 0.00	48.22 0.99 -0.26	54.89 1.66 -1.50	52.07 1.38 -1.42	51.58 1.39 -0.46	41.62 1.33 -0.06	39.35 1.14 0.00	36.25 0.95 0.00	33.76 0.66 0.00
BROOME___LFGE 323600	32.47 0.51 0.00	29.46 0.46 0.00	27.23 0.35 0.00	25.99 0.18 0.00	25.59 0.10 0.00	26.16 0.33 0.00	26.17 0.31 0.00	22.04 0.29 -1.22	25.78 0.38 0.00	29.82 0.58 0.00	31.71 0.77 -0.27	32.07 0.83 -0.51	34.04 0.59 -0.81	35.92 0.62 -0.87	36.14 0.81 0.00	43.96 1.07 0.00	48.22 0.99 -0.26	54.89 1.66 -1.50	52.07 1.38 -1.42	51.58 1.39 -0.46	41.62 1.33 -0.06	39.35 1.14 0.00	36.25 0.95 0.00	33.76 0.66 0.00
BROWNFLS_115KV_TB_3_5 80003	31.83 -0.13 0.00	28.85 -0.15 0.00	26.72 -0.16 0.00	25.70 -0.10 0.00	25.46 -0.03 0.00	25.62 -0.21 0.00	25.42 -0.44 0.00	20.01 -0.64 -0.11	24.61 -0.79 0.00	28.33 -0.91 0.00	29.62 -1.04 0.00	29.74 -0.98 0.00	31.67 -1.04 -0.07	33.37 -1.14 -0.08	34.06 -1.27 0.00	41.26 -1.63 0.00	45.35 -1.88 -0.25	50.35 -1.97 -0.58	48.26 -1.43 -0.42	48.84 -1.34 -0.45	39.32 -0.93 0.00	37.44 -0.76 0.00	34.84 -0.46 0.00	32.90 -0.20 0.00
BROWNSV1_27_KV_LOAD 356125	34.29 2.33 0.00	31.20 2.20 0.00	28.90 2.02 0.00	27.64 1.83 0.00	27.22 1.73 0.00	27.56 1.73 0.00	27.75 1.89 0.00	26.53 1.87 -4.13	27.79 2.39 0.00	32.01 2.78 0.00	34.43 2.94 -0.82	35.13 2.86 -1.55	38.83 3.43 -2.76	40.93 3.55 -2.96	39.04 3.71 0.00	47.43 4.55 0.00	52.18 5.21 0.00	59.80 5.33 -2.73	56.80 4.53 -2.99	54.16 4.43 0.00	43.39 2.98 -0.17	41.22 3.02 0.00	38.15 2.86 0.00	35.51 2.42 0.00
BURROWS___LYONSDAL 23803	32.37 0.42 0.00	29.32 0.32 0.00	27.15 0.27 0.00	26.04 0.23 0.00	25.71 0.23 0.00	26.09 0.26 0.00	26.01 0.16 0.00	20.75 0.08 -0.14	25.55 0.15 0.00	29.44 0.20 0.00	31.06 0.40 0.00	31.19 0.46 0.00	33.22 0.49 -0.09	34.97 0.45 -0.10	35.72 0.39 0.00	43.40 0.51 0.00	47.68 0.52 -0.19	52.96 0.78 -0.45	50.43 0.84 -0.32	51.07 0.99 -0.34	41.17 0.93 0.00	39.04 0.84 0.00	36.04 0.74 0.00	33.56 0.46 0.00
CAITHNESS_CC_1 323624	41.35 2.94 -6.46	39.19 2.67 -7.52	37.17 2.66 -7.63	33.00 2.48 -4.72	30.56 2.42 -2.65	30.64 2.35 -2.46	31.58 2.64 -3.08	31.67 2.30 -8.83	34.60 2.97 -6.23	40.64 3.36 -8.04	48.57 3.52 -14.38	51.23 3.47 -17.04	59.94 3.82 -23.48	63.43 4.03 -24.98	62.90 4.10 -23.48	72.75 4.97 -24.89	99.72 5.59 -47.16	98.23 5.90 -40.60	73.60 5.27 -19.05	67.01 5.27 -12.00	59.97 3.70 -16.03	54.00 3.86 -11.95	48.68 3.67 -9.72	46.91 3.08 -10.73
CALPINE BETH_PAGE_GT4 24209	41.03 2.62 -6.46	38.96 2.44 -7.52	36.77 2.26 -7.63	32.72 2.19 -4.72	30.25 2.12 -2.65	30.41 2.12 -2.46	31.21 2.28 -3.08	31.50 2.14 -8.83	34.22 2.59 -6.23	40.29 3.01 -8.04	48.18 3.13 -14.38	50.10 3.07 -16.30	58.67 3.53 -22.51	63.07 3.68 -24.96	62.57 3.78 -23.47	72.35 4.63 -24.83	89.46 5.26 -37.23	65.90 5.43 -8.73	65.47 4.73 -11.47	61.76 4.68 -7.35	53.23 3.26 -9.73	50.10 3.32 -8.57	48.19 3.18 -9.72	46.51 2.68 -10.73
CALPINE_BETH_PAGE_GT_4 323586	41.04 2.62 -6.46	38.90 2.38 -7.52	36.77 2.26 -7.63	32.74 2.22 -4.72	30.30 2.16 -2.65	30.38 2.09 -2.46	31.24 2.30 -3.08	31.50 2.14 -8.83	34.22 2.59 -6.23	40.29 3.01 -8.04	48.18 3.13 -14.38	50.10 3.07 -16.30	58.67 3.53 -22.51	63.07 3.69 -24.96	62.58 3.78 -23.47	72.35 4.63 -24.83	89.41 5.21 -37.23	65.85 5.38 -8.73	65.62 4.78 -11.57	61.82 4.73 -7.35	53.27 3.30 -9.73	50.13 3.36 -8.57	48.23 3.21 -9.72	46.51 2.68 -10.73
CALPINE_BP_GT1 23823	41.04 2.62 -6.46	38.90 2.38 -7.52	36.77 2.26 -7.63	32.74 2.22 -4.72	30.30 2.16 -2.65	30.38 2.09 -2.46	31.24 2.30 -3.08	31.50 2.14 -8.83	34.22 2.59 -6.23	40.29 3.01 -8.04	48.18 3.13 -14.38	50.10 3.07 -16.30	58.67 3.53 -22.51	63.07 3.69 -24.96	62.58 3.78 -23.47	72.35 4.63 -24.83	89.41 5.21 -37.23	65.85 5.38 -8.73	65.62 4.78 -11.57	61.82 4.73 -7.35	53.27 3.30 -9.73	50.13 3.36 -8.57	48.23 3.21 -9.72	46.51 2.68 -10.73
CALSPAN___DRP 24200	32.63 0.67 0.00	29.55 0.55 0.00	27.34 0.46 0.00	25.57 -0.23 0.00	25.05 -0.43 0.00	26.35 0.52 0.00	26.14 0.28 0.00	21.16 -0.02 -0.64	25.68 0.28 0.00	29.53 0.29 0.00	31.41 0.61 -0.13	31.83 0.86 -0.24	33.30 0.23 -0.43	35.17 0.28 -0.46	36.07 0.74 0.00	44.00 1.12 0.00	48.10 1.13 0.00	54.08 1.91 -0.43	50.73 0.99 -0.47	51.03 1.29 0.00	42.12 1.85 -0.03	39.58 1.38 0.00	36.35 1.06 0.00	34.06 0.96 0.00
CALVERTON___SOLAR 323806	41.55 3.13 -6.46	39.36 2.84 -7.52	37.39 2.88 -7.63	33.18 2.66 -4.72	30.76 2.63 -2.65	30.82 2.53 -2.46	31.81 2.87 -3.08	31.79 2.42 -8.83	34.78 3.15 -6.23	40.85 3.57 -8.04	48.85 3.80 -14.38	51.54 3.78 -17.04	60.31 4.18 -23.49	63.82 4.41 -24.98	63.25 4.45 -23.48	73.22 5.45 -24.89	100.27 6.06 -47.24	99.05 6.47 -40.85	74.19 5.81 -19.11	67.63 5.87 -12.03	60.46 4.15 -16.08	54.37 4.20 -11.97	48.97 3.95 -9.72	47.14 3.31 -10.73
CANDIGU_WT_PWR 323617	32.63 0.67 0.00	29.67 0.67 0.00	27.29 0.40 0.00	25.83 0.03 0.00	25.36 -0.13 0.00	26.27 0.44 0.00	26.22 0.36 0.00	21.56 0.18 -0.84	25.68 0.28 0.00	29.82 0.58 0.00	31.67 0.83 -0.18	32.04 0.98 -0.33	33.63 0.42 -0.56	35.48 0.45 -0.60	36.10 0.78 0.00	43.91 1.03 0.00	47.72 0.61 -0.14	54.44 1.81 -0.90	51.52 1.38 -0.87	51.42 1.44 -0.24	42.05 1.77 -0.04	39.61 1.41 0.00	36.46 1.16 0.00	34.09 0.99 0.00
CARR STREET_E_SYP 24060	31.58 -0.38 0.00	28.62 -0.38 0.00	26.48 -0.40 0.00	25.31 -0.49 0.00	24.92 -0.56 0.00	25.42 -0.41 0.00	25.39 -0.46 0.00	20.71 -0.19 -0.36	25.12 -0.28 0.00	28.97 -0.26 0.00	30.51 -0.15 0.00	30.63 -0.09 0.00	32.65 -0.23 -0.24	34.44 -0.24 -0.26	35.12 -0.21 0.00	42.67 -0.21 0.00	47.10 -0.23 -0.37	52.68 0.10 -0.84	49.82 -0.05 -0.60	50.33 -0.05 -0.64	40.36 0.12 0.00	38.24 0.04 0.00	35.19 -0.11 0.00	32.80 -0.30 0.00
CARTHAGE___PAPER 23857	32.12 0.16 0.00	29.09 0.09 0.00	26.91 0.03 0.00	25.80 0.00 0.00	25.51 0.03 0.00	25.83 0.00 0.00	25.68 -0.18 0.00	20.43 -0.29 -0.19	25.07 -0.33 0.00	28.83 -0.41 0.00	30.30 -0.37 0.00	30.42 -0.31 0.00	32.44 -0.33 -0.12	34.15 -0.41 -0.13	34.58 -0.74 0.00	41.98 -0.90 0.00	46.54 -0.94 -0.50	52.22 -0.67 -1.16	49.85 -0.25 -0.83	50.72 0.10 -0.89	40.60 0.36 0.00	38.54 0.34 0.00	35.61 0.32 0.00	33.20 0.10 0.00

CASSADAGA_WT_PWR 323784	33.43 1.47 0.00	30.45 1.45 0.00	27.85 0.97 0.00	26.22 0.41 0.00	25.69 0.20 0.00	26.91 1.08 0.00	26.87 1.01 0.00	21.79 0.57 -0.68	26.16 0.76 0.00	30.61 1.37 0.00	32.55 1.75 -0.14	32.95 1.97 -0.26	34.27 1.17 -0.45	36.15 1.24 -0.49	37.09 1.77 0.00	45.16 2.27 0.00	48.38 1.41 0.00	55.30 3.10 -0.46	52.33 2.56 -0.50	52.22 2.49 0.00	43.29 3.02 -0.03	40.68 2.48 0.00	37.38 2.08 0.00	34.98 1.89 0.00
CE_DUNWOOD___DRP 24194	33.87 1.92 0.00	30.80 1.80 0.00	28.55 1.67 0.00	27.35 1.55 0.00	26.94 1.45 0.00	27.28 1.45 0.00	27.44 1.58 0.00	26.23 1.58 -4.12	27.40 2.01 0.00	31.54 2.31 0.00	33.97 2.48 -0.82	34.66 2.40 -1.54	38.26 2.87 -2.75	40.37 3.00 -2.95	38.40 3.07 0.00	46.66 3.77 0.00	51.34 4.37 0.00	58.91 4.45 -2.73	56.05 3.79 -2.98	53.42 3.68 0.00	42.91 2.49 -0.17	40.68 2.48 0.00	37.62 2.33 0.00	34.98 1.89 0.00
CE_MILLWOOD___DRP 24193	33.78 1.82 0.00	30.74 1.74 0.00	28.50 1.61 0.00	27.30 1.50 0.00	26.89 1.40 0.00	27.22 1.39 0.00	27.36 1.50 0.00	26.17 1.54 -4.10	27.33 1.93 0.00	31.46 2.22 0.00	33.87 2.39 -0.82	34.56 2.30 -1.54	38.15 2.77 -2.74	40.26 2.89 -2.94	38.30 2.97 0.00	46.53 3.65 0.00	51.15 4.18 0.00	58.69 4.24 -2.71	55.89 3.65 -2.97	53.27 3.53 0.00	42.78 2.37 -0.17	40.61 2.41 0.00	37.52 2.22 0.00	34.92 1.82 0.00
CE_NYC2_DRP 24202	34.10 2.14 0.00	31.06 2.06 0.00	28.79 1.91 0.00	27.51 1.70 0.00	27.09 1.61 0.00	27.38 1.55 0.00	27.56 1.71 0.00	26.37 1.70 -4.13	27.56 2.16 0.00	31.78 2.54 0.00	34.19 2.70 -0.82	34.88 2.61 -1.55	38.56 3.17 -2.76	40.66 3.27 -2.96	38.72 3.39 0.00	46.96 4.07 0.00	51.62 4.65 0.00	59.18 4.71 -2.73	56.16 3.89 -2.99	53.47 3.73 0.00	42.83 2.41 -0.17	40.80 2.60 0.00	37.87 2.58 0.00	35.28 2.18 0.00
CE_NYC_DRP 24195	34.00 2.05 0.00	30.94 1.94 0.00	28.69 1.80 0.00	27.46 1.65 0.00	27.04 1.55 0.00	27.38 1.55 0.00	27.56 1.71 0.00	26.39 1.72 -4.13	27.58 2.18 0.00	31.78 2.54 0.00	34.19 2.70 -0.82	34.88 2.61 -1.55	38.56 3.17 -2.76	40.66 3.27 -2.96	38.72 3.39 0.00	47.05 4.16 0.00	51.71 4.74 0.00	59.28 4.81 -2.73	56.31 4.04 -2.99	53.67 3.93 0.00	42.99 2.58 -0.17	40.84 2.64 0.00	37.80 2.51 0.00	35.22 2.12 0.00
CHAFFEE___LFGE 323603	32.66 0.70 0.00	29.73 0.73 0.00	27.21 0.32 0.00	25.55 -0.26 0.00	25.05 -0.43 0.00	26.27 0.44 0.00	26.14 0.28 0.00	21.18 -0.02 -0.67	25.42 0.03 0.00	29.64 0.41 0.00	31.51 0.71 -0.13	31.93 0.95 -0.25	33.35 0.26 -0.45	35.22 0.31 -0.48	36.14 0.81 0.00	44.04 1.16 0.00	47.39 0.42 0.00	54.04 1.86 -0.45	51.04 1.28 -0.49	50.93 1.19 0.00	42.28 2.01 -0.03	39.69 1.49 0.00	36.39 1.10 0.00	34.16 1.06 0.00
CHATEAUG_35_KV_LOAD 355732	32.02 0.06 0.00	29.06 0.06 0.00	26.91 0.03 0.00	25.96 0.15 0.00	25.74 0.25 0.00	25.91 0.08 0.00	25.94 0.08 0.00	20.35 -0.18 0.00	25.14 -0.25 0.00	28.88 -0.35 0.00	30.08 -0.58 0.00	30.11 -0.61 0.00	32.02 -0.62 0.00	33.81 -0.62 0.00	34.73 -0.60 0.00	42.07 -0.81 0.00	45.80 -1.17 0.00	50.34 -1.40 0.00	48.43 -0.84 0.00	48.79 -0.94 0.00	39.56 -0.68 0.00	37.55 -0.65 0.00	34.80 -0.49 0.00	32.97 -0.13 0.00
CHATEAUG_WT_PWR 323614	32.05 0.10 0.00	29.09 0.09 0.00	26.94 0.05 0.00	25.99 0.18 0.00	25.74 0.25 0.00	25.99 0.16 0.00	25.96 0.10 0.00	20.37 -0.16 0.00	25.19 -0.20 0.00	28.94 -0.29 0.00	30.11 -0.55 0.00	30.17 -0.55 0.00	32.05 -0.59 0.00	33.84 -0.59 0.00	34.80 -0.53 0.00	42.12 -0.77 0.00	45.94 -1.03 0.00	50.60 -1.14 0.00	48.48 -0.79 0.00	48.89 -0.85 0.00	39.60 -0.65 0.00	37.59 -0.61 0.00	34.83 -0.46 0.00	33.00 -0.10 0.00
CHAT_HIGH_FALL_HYD 323578	32.02 0.06 0.00	29.06 0.06 0.00	26.91 0.03 0.00	25.96 0.16 0.00	25.74 0.25 0.00	25.99 0.16 0.00	25.96 0.10 0.00	20.35 -0.19 0.00	25.17 -0.23 0.00	28.89 -0.35 0.00	30.08 -0.58 0.00	30.11 -0.61 0.00	32.02 -0.62 0.00	33.81 -0.62 0.00	34.73 -0.60 0.00	42.07 -0.82 0.00	45.84 -1.13 0.00	50.44 -1.29 0.00	48.43 -0.84 0.00	48.84 -0.89 0.00	39.56 -0.68 0.00	37.55 -0.65 0.00	34.80 -0.49 0.00	32.97 -0.13 0.00
CHAUTAUQUA___LFGE 323629	33.17 1.21 0.00	30.19 1.19 0.00	27.64 0.75 0.00	26.01 0.21 0.00	25.49 0.00 0.00	26.71 0.88 0.00	26.61 0.75 0.00	21.61 0.41 -0.67	25.96 0.56 0.00	30.26 1.02 0.00	32.12 1.32 -0.13	32.54 1.57 -0.25	34.00 0.91 -0.45	35.87 0.96 -0.48	36.74 1.41 0.00	44.73 1.84 0.00	48.19 1.22 0.00	54.87 2.69 -0.45	51.83 2.07 -0.49	51.73 1.99 0.00	42.88 2.61 -0.03	40.30 2.10 0.00	36.99 1.69 0.00	34.69 1.59 0.00
CHERRYST_13_KV_LD 356241	34.10 2.14 0.00	31.03 2.03 0.00	28.77 1.88 0.00	27.51 1.70 0.00	27.12 1.63 0.00	27.46 1.63 0.00	27.67 1.81 0.00	26.47 1.81 -4.13	27.68 2.29 0.00	31.90 2.66 0.00	34.34 2.85 -0.82	35.04 2.77 -1.55	38.73 3.33 -2.76	40.83 3.44 -2.96	38.90 3.57 0.00	47.26 4.37 0.00	51.95 4.98 0.00	59.54 5.07 -2.73	56.50 4.24 -2.99	53.86 4.13 0.00	43.11 2.70 -0.17	40.99 2.79 0.00	37.94 2.65 0.00	35.32 2.22 0.00
CHESTROR_138KV_BK263 355645	33.46 1.50 0.00	30.39 1.39 0.00	28.18 1.29 0.00	26.99 1.19 0.00	26.61 1.12 0.00	26.94 1.11 0.00	27.05 1.19 0.00	25.50 1.21 -3.75	26.92 1.52 0.00	30.99 1.75 0.00	33.28 1.87 -0.75	33.97 1.84 -1.41	37.30 2.15 -2.50	39.35 2.24 -2.69	37.62 2.30 0.00	45.72 2.83 0.00	50.26 3.29 0.00	57.63 3.41 -2.48	54.90 2.91 -2.72	52.57 2.83 0.00	42.29 1.89 -0.15	40.15 1.95 0.00	37.09 1.80 0.00	34.55 1.46 0.00
CH_MIDHUDSON___DRP 24192	33.78 1.82 0.00	30.74 1.74 0.00	28.50 1.61 0.00	27.30 1.50 0.00	26.89 1.40 0.00	27.25 1.42 0.00	27.33 1.47 0.00	26.20 1.44 -4.23	27.18 1.78 0.00	31.34 2.10 0.00	33.75 2.24 -0.85	34.51 2.18 -1.60	37.98 2.51 -2.82	40.07 2.62 -3.03	38.01 2.68 0.00	46.19 3.30 0.00	50.78 3.80 0.00	58.59 4.04 -2.82	55.86 3.50 -3.09	53.17 3.43 0.00	42.75 2.33 -0.18	40.57 2.37 0.00	37.48 2.19 0.00	34.88 1.79 0.00
CH_MISC_IPPS 23765	34.00 2.05 0.00	30.86 1.86 0.00	28.61 1.72 0.00	27.46 1.65 0.00	27.01 1.53 0.00	27.30 1.47 0.00	27.44 1.58 0.00	26.15 1.48 -4.13	27.25 1.85 0.00	31.46 2.22 0.00	33.86 2.36 -0.83	34.62 2.33 -1.56	38.08 2.68 -2.76	40.18 2.79 -2.96	38.19 2.86 0.00	46.40 3.52 0.00	51.01 4.04 0.00	58.78 4.29 -2.76	56.09 3.79 -3.02	53.51 3.78 0.00	42.95 2.54 -0.17	40.80 2.60 0.00	37.70 2.40 0.00	35.05 1.95 0.00
CH_RES_BVR_FALLS 23983	31.77 -0.19 0.00	28.83 -0.17 0.00	26.73 -0.16 0.00	25.70 -0.10 0.00	25.41 -0.08 0.00	25.70 -0.13 0.00	25.73 -0.13 0.00	20.33 -0.21 0.00	25.14 -0.25 0.00	28.91 -0.32 0.00	30.27 -0.40 0.00	30.32 -0.40 0.00	32.22 -0.43 0.00	33.98 -0.45 0.00	34.87 -0.46 0.00	42.29 -0.60 0.00	46.27 -0.70 0.00	50.90 -0.83 0.00	48.63 -0.64 0.00	49.04 -0.70 0.00	39.72 -0.52 0.00	37.70 -0.50 0.00	34.87 -0.42 0.00	32.83 -0.27 0.00

CH_RES_NIAGARA 23895	31.61 -0.35 0.00	28.74 -0.26 0.00	26.29 -0.59 0.00	24.90 -0.90 0.00	24.21 -1.27 0.00	25.44 -0.39 0.00	25.29 -0.57 0.00	20.57 -0.55 -0.59	24.76 -0.63 0.00	28.51 -0.73 0.00	30.17 -0.61 -0.12	30.55 -0.40 -0.22	32.38 -0.65 -0.40	34.20 -0.66 -0.43	34.73 -0.60 0.00	42.29 -0.60 0.00	46.03 -0.94 0.00	51.61 -0.52 -0.39	48.76 -0.94 -0.43	48.79 -0.95 0.00	40.59 0.32 -0.02	38.05 -0.15 0.00	34.87 -0.42 0.00	32.90 -0.20 0.00
CH_RES_SYRACUSE 23985	31.89 -0.06 0.00	28.91 -0.09 0.00	26.75 -0.13 0.00	25.57 -0.23 0.00	25.18 -0.30 0.00	25.65 -0.18 0.00	25.65 -0.21 0.00	20.87 -0.06 -0.40	25.32 -0.08 0.00	29.24 0.00 0.00	30.82 0.15 0.00	30.94 0.22 0.00	32.97 0.07 -0.26	34.78 0.07 -0.28	35.51 0.18 0.00	43.10 0.22 0.00	47.84 0.19 -0.69	53.98 0.67 -1.57	50.89 0.49 -1.12	51.49 0.55 -1.20	40.80 0.56 0.00	38.66 0.46 0.00	35.61 0.32 0.00	33.16 0.07 0.00
CLINTON_WT_PWR 323605	32.05 0.10 0.00	29.09 0.09 0.00	26.94 0.05 0.00	25.99 0.18 0.00	25.74 0.25 0.00	25.99 0.16 0.00	25.96 0.10 0.00	20.37 -0.16 0.00	25.19 -0.20 0.00	28.94 -0.29 0.00	30.11 -0.55 0.00	30.17 -0.55 0.00	32.05 -0.59 0.00	33.84 -0.59 0.00	34.80 -0.53 0.00	42.12 -0.77 0.00	45.94 -1.03 0.00	50.60 -1.14 0.00	48.48 -0.79 0.00	48.89 -0.85 0.00	39.60 -0.65 0.00	37.59 -0.61 0.00	34.83 -0.46 0.00	33.00 -0.10 0.00
CLINTON___LFGE 323618	32.37 0.41 0.00	29.35 0.35 0.00	27.18 0.30 0.00	26.22 0.41 0.00	25.99 0.51 0.00	26.24 0.41 0.00	26.19 0.34 0.00	20.58 0.04 0.00	25.45 0.05 0.00	29.21 -0.03 0.00	30.36 -0.31 0.00	30.45 -0.28 0.00	32.38 -0.26 0.00	34.19 -0.24 0.00	35.22 -0.11 0.00	42.59 -0.30 0.00	46.31 -0.66 0.00	51.06 -0.67 0.00	49.03 -0.25 0.00	49.39 -0.35 0.00	40.08 -0.16 0.00	38.01 -0.19 0.00	35.19 -0.11 0.00	33.30 0.20 0.00
COBBLENY_34_KV_TB1 80064	32.66 0.70 0.00	29.58 0.58 0.00	27.34 0.46 0.00	25.60 -0.21 0.00	25.05 -0.43 0.00	26.37 0.54 0.00	26.17 0.31 0.00	21.18 -0.02 -0.67	25.73 0.33 0.00	29.59 0.35 0.00	31.50 0.71 -0.13	31.93 0.95 -0.25	33.35 0.26 -0.45	35.22 0.31 -0.48	36.18 0.85 0.00	44.13 1.24 0.00	48.24 1.27 0.00	54.30 2.12 -0.45	50.94 1.18 -0.49	51.23 1.49 0.00	42.24 1.97 -0.03	39.73 1.53 0.00	36.46 1.16 0.00	34.12 1.03 0.00
COFFEEN___115KV_TB3 355620	32.37 0.42 0.00	29.29 0.29 0.00	27.10 0.22 0.00	25.96 0.15 0.00	25.66 0.18 0.00	26.04 0.21 0.00	25.88 0.03 0.00	20.64 -0.10 -0.21	25.30 -0.10 0.00	29.15 -0.09 0.00	30.73 0.06 0.00	30.91 0.18 0.00	32.94 0.16 -0.14	34.65 0.07 -0.15	35.05 -0.28 0.00	42.54 -0.34 0.00	47.29 -0.28 -0.60	53.27 0.16 -1.38	50.80 0.54 -0.99	51.89 1.09 -1.06	41.41 1.17 0.00	39.35 1.15 0.00	36.21 0.92 0.00	33.56 0.46 0.00
COLDSPRG_115KV_BK1 355956	33.36 1.41 0.00	30.28 1.28 0.00	27.93 1.05 0.00	26.22 0.41 0.00	25.66 0.18 0.00	26.97 1.14 0.00	26.84 0.98 0.00	21.71 0.47 -0.70	26.52 1.12 0.00	30.52 1.29 0.00	32.56 1.75 -0.14	32.96 1.97 -0.27	34.06 0.95 -0.47	35.93 1.00 -0.50	37.13 1.80 0.00	45.25 2.36 0.00	49.32 2.35 0.00	55.63 3.41 -0.48	52.21 2.41 -0.52	52.47 2.74 0.00	43.25 2.98 -0.03	40.72 2.52 0.00	37.45 2.15 0.00	34.92 1.82 0.00
COLONIE_LFGE___ 323577	33.52 1.57 0.00	30.48 1.48 0.00	28.28 1.40 0.00	27.14 1.34 0.00	26.76 1.27 0.00	27.07 1.24 0.00	27.18 1.32 0.00	27.11 1.19 -5.39	26.87 1.47 0.00	30.96 1.72 0.00	34.87 1.87 -2.33	36.99 1.87 -4.39	38.10 1.86 -3.60	40.28 2.00 -3.86	37.31 1.98 0.00	45.37 2.49 0.00	49.79 2.82 0.00	62.59 3.10 -7.75	60.67 2.91 -8.49	52.67 2.93 0.00	43.06 2.33 -0.48	40.42 2.21 0.00	37.27 1.98 0.00	34.75 1.65 0.00
COOPERNY_115KV_TB1 80082	33.04 1.09 0.00	30.01 1.01 0.00	27.83 0.94 0.00	26.68 0.88 0.00	26.28 0.79 0.00	26.66 0.83 0.00	26.71 0.85 0.00	24.24 0.90 -2.80	26.54 1.14 0.00	30.55 1.32 0.00	32.67 1.44 -0.56	33.20 1.41 -1.06	36.14 1.63 -1.87	38.12 1.69 -2.01	37.06 1.73 0.00	45.03 2.14 0.00	49.46 2.49 0.00	56.19 2.59 -1.87	53.54 2.22 -2.05	51.92 2.19 0.00	41.85 1.49 -0.12	39.73 1.53 0.00	36.67 1.38 0.00	34.19 1.09 0.00
COPENHAGEN_WT_PWR 323753	32.12 0.16 0.00	29.06 0.06 0.00	26.89 0.00 0.00	25.75 -0.05 0.00	25.43 -0.05 0.00	25.80 -0.03 0.00	25.68 -0.18 0.00	20.55 -0.21 -0.22	25.14 -0.25 0.00	28.97 -0.26 0.00	30.48 -0.18 0.00	30.63 -0.09 0.00	32.66 -0.13 -0.15	34.38 -0.21 -0.16	34.83 -0.49 0.00	42.29 -0.60 0.00	46.99 -0.61 -0.63	52.92 -0.26 -1.44	50.40 0.10 -1.03	51.34 0.50 -1.11	40.97 0.73 0.00	38.85 0.65 0.00	35.82 0.53 0.00	33.30 0.20 0.00
CORNELL_____ 23752	32.76 0.80 0.00	29.70 0.70 0.00	27.50 0.62 0.00	26.24 0.44 0.00	25.84 0.36 0.00	26.42 0.59 0.00	26.35 0.49 0.00	21.83 0.45 -0.85	26.03 0.63 0.00	29.97 0.73 0.00	31.86 1.01 -0.19	32.09 1.01 -0.35	33.99 0.78 -0.57	35.86 0.83 -0.61	36.25 0.92 0.00	44.09 1.20 0.00	48.84 1.50 -0.37	55.48 2.28 -1.47	52.57 2.02 -1.28	52.63 2.24 -0.65	42.25 1.97 -0.04	39.92 1.72 0.00	36.71 1.41 0.00	34.06 0.96 0.00
CORONA_AV_69_KV_TB1 355595	41.19 2.78 -6.46	39.07 2.55 -7.52	36.88 2.37 -7.63	32.69 2.17 -4.72	30.23 2.09 -2.65	30.38 2.09 -2.46	31.13 2.20 -3.08	31.46 2.09 -8.83	34.22 2.59 -6.23	40.26 2.98 -8.04	48.14 3.10 -14.38	50.01 3.04 -16.24	58.66 3.53 -22.49	63.03 3.65 -24.95	62.57 3.78 -23.47	72.35 4.63 -24.83	89.09 5.26 -36.86	64.77 5.48 -7.55	65.35 4.78 -11.30	61.47 4.72 -7.01	53.12 3.38 -9.50	49.84 3.32 -8.31	48.26 3.25 -9.72	46.58 2.75 -10.73
CORTLAND_115KV_TB3 80093	32.44 0.48 0.00	29.38 0.38 0.00	27.24 0.35 0.00	26.01 0.21 0.00	25.61 0.13 0.00	26.17 0.34 0.00	26.12 0.26 0.00	21.51 0.29 -0.69	25.83 0.43 0.00	29.76 0.53 0.00	31.51 0.71 -0.14	31.76 0.77 -0.27	33.69 0.59 -0.46	35.54 0.62 -0.50	36.03 0.71 0.00	43.83 0.94 0.00	48.48 1.13 -0.38	54.79 1.71 -1.35	51.84 1.43 -1.14	52.00 1.59 -0.68	41.64 1.37 -0.03	39.42 1.22 0.00	36.28 0.99 0.00	33.69 0.60 0.00
COXSACKIE___GT 23611	34.45 2.49 0.00	31.23 2.23 0.00	28.90 2.02 0.00	27.74 1.94 0.00	27.27 1.78 0.00	27.64 1.81 0.00	27.62 1.76 0.00	26.88 1.38 -4.97	27.18 1.78 0.00	31.40 2.16 0.00	34.21 2.11 -1.43	35.57 2.15 -2.69	37.92 1.96 -3.32	40.05 2.07 -3.56	37.41 2.08 0.00	45.50 2.62 0.00	49.93 2.96 0.00	60.38 3.88 -4.76	58.28 3.79 -5.21	53.72 3.98 0.00	43.64 3.10 -0.30	41.29 3.09 0.00	38.15 2.86 0.00	35.55 2.45 0.00
CPV_VALLEY___CC1 323721	33.17 1.21 0.00	30.10 1.10 0.00	27.93 1.05 0.00	26.81 1.01 0.00	26.43 0.94 0.00	26.71 0.88 0.00	26.87 1.01 0.00	24.99 1.05 -3.41	26.72 1.32 0.00	30.75 1.52 0.00	32.97 1.62 -0.68	33.60 1.60 -1.28	36.81 1.89 -2.28	38.83 1.96 -2.44	37.34 2.01 0.00	45.37 2.49 0.00	49.84 2.87 0.00	56.94 2.95 -2.26	54.26 2.51 -2.47	52.17 2.44 0.00	41.99 1.61 -0.14	39.88 1.68 0.00	36.85 1.55 0.00	34.29 1.19 0.00

CPV_VALLEY___CC2 323722	33.17 1.21 0.00	30.10 1.10 0.00	27.93 1.05 0.00	26.81 1.01 0.00	26.43 0.94 0.00	26.71 0.88 0.00	26.87 1.01 0.00	24.99 1.05 -3.41	26.72 1.32 0.00	30.75 1.52 0.00	32.97 1.62 -0.68	33.60 1.60 -1.28	36.81 1.89 -2.28	38.83 1.96 -2.44	37.34 2.01 0.00	45.37 2.49 0.00	49.84 2.87 0.00	56.94 2.95 -2.26	54.26 2.51 -2.47	52.17 2.44 0.00	41.99 1.61 -0.14	39.88 1.68 0.00	36.85 1.55 0.00	34.29 1.19 0.00
CRESCENT___HYD 24018	33.52 1.57 0.00	30.48 1.48 0.00	28.28 1.40 0.00	27.14 1.34 0.00	26.76 1.27 0.00	27.07 1.24 0.00	27.18 1.32 0.00	27.11 1.19 -5.39	26.87 1.47 0.00	30.96 1.72 0.00	34.87 1.87 -2.33	36.99 1.87 -4.39	38.10 1.86 -3.60	40.28 2.00 -3.86	37.31 1.98 0.00	45.37 2.49 0.00	49.79 2.82 0.00	62.59 3.10 -7.75	60.67 2.91 -8.49	52.67 2.93 0.00	43.06 2.33 -0.48	40.42 2.21 0.00	37.27 1.98 0.00	34.75 1.65 0.00
CRICKET___VALLEY_CC1 323756	33.40 1.44 0.00	30.45 1.45 0.00	28.31 1.42 0.00	27.17 1.37 0.00	26.78 1.30 0.00	27.04 1.21 0.00	27.23 1.37 0.00	26.27 1.33 -4.41	27.00 1.60 0.00	31.08 1.84 0.00	33.53 1.96 -0.90	34.33 1.91 -1.70	37.74 2.15 -2.94	39.82 2.24 -3.16	37.62 2.30 0.00	45.76 2.87 0.00	50.31 3.34 0.00	58.15 3.41 -3.00	55.52 2.96 -3.29	52.67 2.93 0.00	42.40 1.97 -0.19	40.22 2.02 0.00	37.13 1.83 0.00	34.55 1.45 0.00
CRICKET___VALLEY_CC2 323757	33.40 1.44 0.00	30.45 1.45 0.00	28.31 1.42 0.00	27.17 1.37 0.00	26.78 1.30 0.00	27.04 1.21 0.00	27.23 1.37 0.00	26.27 1.33 -4.41	27.00 1.60 0.00	31.08 1.84 0.00	33.53 1.96 -0.90	34.33 1.91 -1.70	37.74 2.15 -2.94	39.82 2.24 -3.16	37.62 2.30 0.00	45.76 2.87 0.00	50.31 3.34 0.00	58.15 3.41 -3.00	55.52 2.96 -3.29	52.67 2.93 0.00	42.40 1.97 -0.19	40.22 2.02 0.00	37.13 1.83 0.00	34.55 1.45 0.00
CRICKET___VALLEY_CC3 323758	33.40 1.44 0.00	30.45 1.45 0.00	28.31 1.42 0.00	27.17 1.37 0.00	26.78 1.30 0.00	27.04 1.21 0.00	27.23 1.37 0.00	26.27 1.33 -4.41	27.00 1.60 0.00	31.08 1.84 0.00	33.53 1.96 -0.90	34.33 1.91 -1.70	37.74 2.15 -2.94	39.82 2.24 -3.16	37.62 2.30 0.00	45.76 2.87 0.00	50.31 3.34 0.00	58.15 3.41 -3.00	55.52 2.96 -3.29	52.67 2.93 0.00	42.40 1.97 -0.19	40.22 2.02 0.00	37.13 1.83 0.00	34.55 1.45 0.00
CRUCIBLE_METL_DRP 24180	31.89 -0.06 0.00	28.88 -0.12 0.00	26.78 -0.11 0.00	25.60 -0.21 0.00	25.23 -0.25 0.00	25.73 -0.10 0.00	25.68 -0.18 0.00	20.87 -0.06 -0.40	25.35 -0.05 0.00	29.24 0.00 0.00	30.82 0.15 0.00	30.94 0.22 0.00	32.97 0.07 -0.26	34.78 0.07 -0.28	35.50 0.18 0.00	43.14 0.26 0.00	47.94 0.28 -0.69	54.03 0.72 -1.57	50.94 0.54 -1.12	51.54 0.60 -1.20	40.85 0.60 0.00	38.66 0.46 0.00	35.61 0.32 0.00	33.16 0.07 0.00
DAHOWA___HYDRO 323763	34.13 2.17 0.00	30.94 1.94 0.00	28.66 1.77 0.00	27.51 1.70 0.00	27.12 1.63 0.00	27.41 1.58 0.00	27.46 1.60 0.00	27.43 1.42 -5.48	27.18 1.78 0.00	31.37 2.13 0.00	35.51 2.27 -2.58	37.82 2.24 -4.85	38.49 2.19 -3.66	40.66 2.31 -3.93	37.52 2.19 0.00	45.59 2.70 0.00	50.02 3.05 0.00	63.98 3.67 -8.57	62.30 3.65 -9.38	53.47 3.73 0.00	44.15 3.38 -0.53	41.29 3.09 0.00	38.08 2.79 0.00	35.38 2.28 0.00
DANC___LFGE 323619	31.83 -0.13 0.00	28.83 -0.17 0.00	26.67 -0.22 0.00	25.55 -0.26 0.00	25.21 -0.28 0.00	25.60 -0.23 0.00	25.52 -0.34 0.00	20.52 -0.27 -0.25	25.07 -0.33 0.00	28.89 -0.35 0.00	30.42 -0.25 0.00	30.54 -0.18 0.00	32.55 -0.26 -0.17	34.30 -0.31 -0.18	34.83 -0.49 0.00	42.20 -0.69 0.00	47.04 -0.70 -0.77	53.09 -0.42 -1.77	50.34 -0.20 -1.27	51.20 0.10 -1.36	40.56 0.32 0.00	38.50 0.30 0.00	35.51 0.21 0.00	33.03 -0.07 0.00
DANSKAMMER___1 23586	34.00 2.05 0.00	30.86 1.86 0.00	28.61 1.72 0.00	27.46 1.65 0.00	27.01 1.53 0.00	27.30 1.47 0.00	27.44 1.58 0.00	26.15 1.48 -4.13	27.25 1.85 0.00	31.46 2.22 0.00	33.86 2.36 -0.83	34.62 2.33 -1.56	38.08 2.68 -2.76	40.18 2.79 -2.96	38.19 2.86 0.00	46.40 3.52 0.00	51.01 4.04 0.00	58.78 4.29 -2.76	56.09 3.79 -3.02	53.51 3.78 0.00	42.95 2.54 -0.17	40.80 2.60 0.00	37.70 2.40 0.00	35.05 1.95 0.00
DANSKAMMER___2 23589	34.00 2.05 0.00	30.86 1.86 0.00	28.61 1.72 0.00	27.46 1.65 0.00	27.01 1.53 0.00	27.30 1.47 0.00	27.44 1.58 0.00	26.15 1.48 -4.13	27.25 1.85 0.00	31.46 2.22 0.00	33.86 2.36 -0.83	34.62 2.33 -1.56	38.08 2.68 -2.76	40.18 2.79 -2.96	38.19 2.86 0.00	46.40 3.52 0.00	51.01 4.04 0.00	58.78 4.29 -2.76	56.09 3.79 -3.02	53.51 3.78 0.00	42.95 2.54 -0.17	40.80 2.60 0.00	37.70 2.40 0.00	35.05 1.95 0.00
DANSKAMMER___3 23590	34.00 2.05 0.00	30.86 1.86 0.00	28.61 1.72 0.00	27.46 1.65 0.00	27.01 1.53 0.00	27.30 1.47 0.00	27.44 1.58 0.00	26.15 1.48 -4.13	27.25 1.85 0.00	31.46 2.22 0.00	33.86 2.36 -0.83	34.62 2.33 -1.56	38.08 2.68 -2.76	40.18 2.79 -2.96	38.19 2.86 0.00	46.40 3.52 0.00	51.01 4.04 0.00	58.78 4.29 -2.76	56.09 3.79 -3.02	53.51 3.78 0.00	42.95 2.54 -0.17	40.80 2.60 0.00	37.70 2.40 0.00	35.05 1.95 0.00
DANSKAMMER___4 23591	34.00 2.05 0.00	30.86 1.86 0.00	28.61 1.72 0.00	27.46 1.65 0.00	27.01 1.53 0.00	27.30 1.47 0.00	27.44 1.58 0.00	26.15 1.48 -4.13	27.25 1.85 0.00	31.46 2.22 0.00	33.86 2.36 -0.83	34.62 2.33 -1.56	38.08 2.68 -2.76	40.18 2.79 -2.96	38.19 2.86 0.00	46.40 3.52 0.00	51.01 4.04 0.00	58.78 4.29 -2.76	56.09 3.79 -3.02	53.51 3.78 0.00	42.95 2.54 -0.17	40.80 2.60 0.00	37.70 2.40 0.00	35.05 1.95 0.00
DANSKAMMER___DIESEL 23592	34.00 2.05 0.00	30.88 1.88 0.00	28.61 1.72 0.00	27.40 1.60 0.00	26.99 1.50 0.00	27.33 1.50 0.00	27.38 1.53 0.00	26.15 1.48 -4.13	27.28 1.88 0.00	31.46 2.22 0.00	33.86 2.36 -0.83	34.62 2.34 -1.56	38.08 2.68 -2.76	40.18 2.79 -2.96	38.19 2.86 0.00	46.40 3.52 0.00	51.01 4.04 0.00	58.84 4.35 -2.76	56.09 3.79 -3.02	53.47 3.73 0.00	42.95 2.54 -0.17	40.76 2.56 0.00	37.66 2.36 0.00	35.05 1.95 0.00
DARBY___SOLAR 323810	34.00 2.05 0.00	30.88 1.88 0.00	28.61 1.72 0.00	27.46 1.65 0.00	27.04 1.55 0.00	27.35 1.52 0.00	27.41 1.55 0.00	27.40 1.40 -5.47	27.15 1.75 0.00	31.31 2.08 0.00	35.42 2.21 -2.55	37.74 2.21 -4.80	38.45 2.15 -3.65	40.62 2.27 -3.92	37.52 2.19 0.00	45.59 2.70 0.00	50.02 3.05 0.00	63.83 3.62 -8.47	62.05 3.50 -9.28	53.32 3.58 0.00	43.95 3.18 -0.53	41.14 2.94 0.00	37.91 2.61 0.00	35.28 2.18 0.00
DASHVILLE___HYD 23610	33.43 1.47 0.00	30.39 1.39 0.00	28.15 1.26 0.00	26.99 1.19 0.00	26.58 1.10 0.00	26.89 1.06 0.00	26.94 1.09 0.00	25.84 1.03 -4.28	26.77 1.37 0.00	30.87 1.64 0.00	33.29 1.66 -0.97	34.14 1.60 -1.82	37.46 1.96 -2.86	39.49 2.00 -3.07	37.48 2.16 0.00	45.59 2.70 0.00	50.07 3.10 0.00	57.95 3.00 -3.21	55.25 2.46 -3.51	52.37 2.64 0.00	41.85 1.41 -0.20	39.96 1.76 0.00	36.95 1.66 0.00	34.45 1.36 0.00

DEERFIELD_69_KV_DEERFIELD LD 355887	42.66 4.25 -6.46	40.41 3.89 -7.52	38.33 3.82 -7.63	34.03 3.51 -4.72	31.55 3.41 -2.65	31.72 3.44 -2.46	32.53 3.59 -3.08	32.47 3.10 -8.83	35.72 4.09 -6.23	42.02 4.74 -8.04	50.17 5.12 -14.38	52.99 5.22 -17.04	61.87 5.74 -23.49	65.57 6.16 -24.98	64.92 6.11 -23.48	75.24 7.46 -24.89	102.41 8.17 -47.27	101.48 8.79 -40.95	73.25 7.88 -16.09	69.69 7.91 -12.05	62.01 5.67 -16.10	55.75 5.58 -11.98	50.10 5.08 -9.72	48.26 4.44 -10.73
DELAWARE___LFGE 323621	33.11 1.15 0.00	30.04 1.04 0.00	27.85 0.97 0.00	26.71 0.90 0.00	26.33 0.84 0.00	26.79 0.96 0.00	26.76 0.91 0.00	22.87 0.84 -1.50	26.52 1.12 0.00	30.55 1.32 0.00	32.73 1.47 -0.59	33.31 1.47 -1.11	35.21 1.57 -1.00	37.15 1.65 -1.07	37.02 1.70 0.00	44.99 2.10 0.00	49.49 2.40 -0.13	56.62 2.64 -2.25	53.99 2.37 -2.35	52.40 2.44 -0.22	42.29 1.93 -0.12	40.03 1.83 0.00	36.92 1.62 0.00	34.36 1.26 0.00
DERFIELD_115KV_TB7 355931	32.02 0.06 0.00	29.06 0.06 0.00	26.94 0.05 0.00	25.86 0.05 0.00	25.51 0.03 0.00	25.88 0.05 0.00	25.91 0.05 0.00	20.62 0.08 0.00	25.50 0.10 0.00	29.35 0.12 0.00	30.85 0.18 0.00	30.91 0.18 0.00	32.84 0.20 0.00	34.64 0.21 0.00	35.54 0.21 0.00	43.14 0.26 0.00	47.25 0.28 0.00	52.04 0.31 0.00	49.52 0.25 0.00	49.98 0.25 0.00	40.44 0.20 0.00	38.39 0.19 0.00	35.47 0.18 0.00	33.16 0.07 0.00
DOGLEVILLE___HYD 23807	31.83 -0.13 0.00	28.88 -0.12 0.00	26.78 -0.11 0.00	25.68 -0.13 0.00	25.36 -0.13 0.00	25.73 -0.10 0.00	25.75 -0.10 0.00	20.49 -0.04 0.00	25.37 -0.03 0.00	29.21 -0.03 0.00	30.88 0.22 0.00	30.91 0.19 0.00	32.80 0.16 0.00	34.60 0.17 0.00	35.36 0.04 0.00	42.97 0.09 0.00	46.83 -0.14 0.00	51.63 -0.10 0.00	49.22 -0.05 0.00	49.69 -0.05 0.00	40.20 -0.04 0.00	38.24 0.04 0.00	35.29 0.00 0.00	32.97 -0.13 0.00
DUNKIRK___115KV_TB_200 55889	33.08 1.12 0.00	29.99 0.99 0.00	27.72 0.83 0.00	25.96 0.15 0.00	25.43 -0.05 0.00	26.73 0.90 0.00	26.56 0.70 0.00	21.57 0.37 -0.67	26.16 0.76 0.00	30.11 0.88 0.00	32.03 1.23 -0.13	32.45 1.47 -0.25	33.90 0.82 -0.44	35.77 0.86 -0.48	36.67 1.34 0.00	44.73 1.84 0.00	48.85 1.88 0.00	54.97 2.79 -0.45	51.58 1.82 -0.49	51.87 2.14 0.00	42.76 2.49 -0.03	40.23 2.02 0.00	36.99 1.69 0.00	34.55 1.46 0.00
DUNKIRK___1 23563	33.08 1.12 0.00	29.99 0.99 0.00	27.72 0.83 0.00	25.96 0.15 0.00	25.43 -0.05 0.00	26.73 0.90 0.00	26.56 0.70 0.00	21.57 0.37 -0.67	26.16 0.76 0.00	30.11 0.88 0.00	32.03 1.23 -0.13	32.45 1.47 -0.25	33.90 0.82 -0.44	35.77 0.86 -0.48	36.67 1.34 0.00	44.73 1.84 0.00	48.85 1.88 0.00	54.97 2.79 -0.45	51.58 1.82 -0.49	51.87 2.14 0.00	42.76 2.49 -0.03	40.23 2.02 0.00	36.99 1.69 0.00	34.55 1.46 0.00
DUNKIRK___2 23564	33.08 1.12 0.00	29.99 0.99 0.00	27.72 0.83 0.00	25.96 0.15 0.00	25.43 -0.05 0.00	26.73 0.90 0.00	26.56 0.70 0.00	21.57 0.37 -0.67	26.16 0.76 0.00	30.11 0.88 0.00	32.03 1.23 -0.13	32.45 1.47 -0.25	33.90 0.82 -0.44	35.77 0.86 -0.48	36.67 1.34 0.00	44.73 1.84 0.00	48.85 1.88 0.00	54.97 2.79 -0.45	51.58 1.82 -0.49	51.87 2.14 0.00	42.76 2.49 -0.03	40.23 2.02 0.00	36.99 1.69 0.00	34.55 1.46 0.00
DUNKIRK___3 23565	32.85 0.89 0.00	29.75 0.75 0.00	27.50 0.62 0.00	25.78 -0.03 0.00	25.26 -0.23 0.00	26.53 0.70 0.00	26.35 0.49 0.00	21.38 0.18 -0.66	25.96 0.56 0.00	29.85 0.61 0.00	31.75 0.95 -0.13	32.14 1.17 -0.25	33.61 0.52 -0.44	35.45 0.55 -0.47	36.39 1.06 0.00	44.34 1.46 0.00	48.52 1.55 0.00	54.56 2.38 -0.44	51.19 1.43 -0.49	51.43 1.69 0.00	42.44 2.17 -0.03	39.92 1.72 0.00	36.67 1.38 0.00	34.29 1.19 0.00
DUNKIRK___4 23566	32.85 0.89 0.00	29.75 0.75 0.00	27.50 0.62 0.00	25.78 -0.03 0.00	25.26 -0.23 0.00	26.53 0.70 0.00	26.35 0.49 0.00	21.38 0.18 -0.66	25.96 0.56 0.00	29.85 0.61 0.00	31.75 0.95 -0.13	32.14 1.17 -0.25	33.61 0.52 -0.44	35.45 0.55 -0.47	36.39 1.06 0.00	44.34 1.46 0.00	48.52 1.55 0.00	54.56 2.38 -0.44	51.19 1.43 -0.49	51.43 1.69 0.00	42.44 2.17 -0.03	39.92 1.72 0.00	36.67 1.38 0.00	34.29 1.19 0.00
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	33.94 1.98 0.00	30.86 1.86 0.00	28.61 1.72 0.00	27.40 1.60 0.00	26.99 1.50 0.00	27.33 1.50 0.00	27.51 1.65 0.00	26.31 1.64 -4.13	27.48 2.08 0.00	31.66 2.43 0.00	34.06 2.58 -0.82	34.79 2.52 -1.55	38.40 3.00 -2.76	40.52 3.13 -2.96	38.54 3.21 0.00	46.83 3.95 0.00	51.53 4.56 0.00	59.07 4.60 -2.73	56.21 3.94 -2.99	53.57 3.83 0.00	43.03 2.62 -0.17	40.84 2.64 0.00	37.73 2.44 0.00	35.08 1.99 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	33.65 1.69 0.00	30.59 1.59 0.00	28.34 1.45 0.00	27.15 1.34 0.00	26.73 1.25 0.00	27.10 1.27 0.00	27.18 1.32 0.00	25.82 1.31 -3.97	27.05 1.65 0.00	31.16 1.93 0.00	33.52 2.05 -0.80	34.22 2.00 -1.50	37.64 2.35 -2.65	39.68 2.41 -2.85	37.84 2.51 0.00	45.93 3.04 0.00	50.49 3.52 0.00	58.16 3.78 -2.65	55.38 3.20 -2.90	52.92 3.18 0.00	42.54 2.13 -0.16	40.38 2.18 0.00	37.31 2.01 0.00	34.75 1.65 0.00
E179THST_138_KV_TB4_REV_LBMP_J 345001	34.20 2.24 -0.01	31.15 2.15 -0.01	28.88 1.99 -0.01	27.59 1.78 -0.01	27.20 1.71 -0.01	27.43 1.60 0.00	27.59 1.73 0.00	26.35 1.68 -4.13	27.46 2.06 0.00	31.69 2.46 0.00	34.06 2.58 -0.82	34.73 2.46 -1.55	38.43 3.04 -2.76	40.55 3.17 -2.96	38.65 3.32 0.00	46.96 4.07 0.00	51.62 4.65 0.00	59.18 4.71 -2.73	56.16 3.89 -2.99	53.47 3.73 0.00	42.71 2.29 -0.17	40.80 2.60 0.00	37.94 2.65 0.00	35.39 2.28 -0.01
E179THST_13_KV_LOAD 356214	34.39 2.43 -0.01	31.33 2.32 -0.01	29.04 2.15 -0.01	27.72 1.91 -0.01	27.30 1.81 -0.01	27.56 1.73 0.00	27.72 1.86 0.00	26.45 1.79 -4.13	27.58 2.18 0.00	31.87 2.63 0.00	34.25 2.76 -0.82	34.91 2.64 -1.55	38.66 3.26 -2.76	40.80 3.41 -2.96	38.86 3.53 0.00	47.26 4.37 0.00	51.95 4.98 0.00	59.54 5.07 -2.73	56.50 4.24 -2.99	53.81 4.08 0.00	42.95 2.54 -0.17	41.07 2.87 0.00	38.15 2.86 0.00	35.62 2.52 -0.01
EAST HAMPTON___GT 23717	43.27 4.86 -6.46	40.93 4.41 -7.52	38.81 4.30 -7.63	34.52 4.00 -4.72	32.04 3.90 -2.65	32.14 3.85 -2.46	33.10 4.16 -3.08	32.84 3.47 -8.83	36.17 4.55 -6.23	42.63 5.35 -8.04	50.91 5.86 -14.38	53.73 5.96 -17.04	62.66 6.53 -23.49	66.43 7.02 -24.98	65.87 7.07 -23.48	76.44 8.67 -24.89	103.59 9.35 -47.27	102.78 10.09 -40.96	77.52 9.11 -19.14	70.89 9.10 -12.05	62.98 6.64 -16.10	56.63 6.46 -11.98	50.91 5.89 -9.72	48.96 5.13 -10.73
EAST RIVER___6 23660	33.91 1.95 0.00	30.80 1.80 0.00	28.61 1.72 0.00	27.40 1.60 0.00	27.04 1.55 0.00	27.25 1.42 0.00	27.54 1.68 0.00	26.37 1.70 -4.13	27.58 2.18 0.00	31.75 2.51 0.00	34.06 2.58 -0.82	34.76 2.49 -1.55	38.47 3.07 -2.76	40.55 3.17 -2.96	38.65 3.32 0.00	46.96 4.08 0.00	51.71 4.74 0.00	59.28 4.81 -2.73	56.31 4.04 -2.99	53.66 3.93 0.00	42.95 2.54 -0.17	40.83 2.63 0.00	37.80 2.51 0.00	35.08 1.99 0.00

EAST_RIVER___7 23524	33.91 1.95 0.00	30.80 1.80 0.00	28.61 1.72 0.00	27.40 1.60 0.00	27.04 1.55 0.00	27.25 1.42 0.00	27.54 1.68 0.00	26.37 1.70 -4.13	27.58 2.18 0.00	31.75 2.51 0.00	34.06 2.58 -0.82	34.76 2.49 -1.55	38.47 3.07 -2.76	40.55 3.17 -2.96	38.65 3.32 0.00	46.96 4.08 0.00	51.71 4.74 0.00	59.28 4.81 -2.73	56.31 4.04 -2.99	53.66 3.93 0.00	42.95 2.54 -0.17	40.83 2.63 0.00	37.80 2.51 0.00	35.08 1.99 0.00
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	33.87 1.92 0.00	30.80 1.80 0.00	28.55 1.67 0.00	27.35 1.55 0.00	26.94 1.45 0.00	27.28 1.45 0.00	27.44 1.58 0.00	26.23 1.58 -4.12	27.40 2.01 0.00	31.54 2.31 0.00	33.97 2.48 -0.82	34.66 2.40 -1.54	38.26 2.87 -2.75	40.37 3.00 -2.95	38.40 3.07 0.00	46.66 3.77 0.00	51.34 4.37 0.00	58.91 4.45 -2.73	56.05 3.79 -2.98	53.42 3.68 0.00	42.91 2.49 -0.17	40.68 2.48 0.00	37.62 2.33 0.00	34.98 1.89 0.00
EAST_HAMPTON___DIESEL 23722	43.30 4.89 -6.46	40.96 4.44 -7.52	38.81 4.30 -7.63	34.52 4.00 -4.72	32.06 3.92 -2.65	32.14 3.85 -2.46	33.12 4.19 -3.08	32.84 3.47 -8.83	36.20 4.57 -6.23	42.63 5.35 -8.04	50.91 5.86 -14.38	53.76 5.99 -17.04	62.69 6.56 -23.49	66.46 7.06 -24.98	65.91 7.10 -23.48	76.48 8.70 -24.89	103.64 9.40 -47.27	102.78 10.09 -40.96	77.57 9.16 -19.14	70.88 9.10 -12.05	62.98 6.64 -16.10	56.63 6.46 -11.98	50.94 5.93 -9.72	48.96 5.13 -10.73
EAST_PULASKI___ESR 323781	31.61 -0.35 0.00	28.62 -0.38 0.00	26.54 -0.35 0.00	25.37 -0.44 0.00	25.03 -0.46 0.00	25.47 -0.36 0.00	25.42 -0.44 0.00	20.51 -0.31 -0.29	25.04 -0.36 0.00	28.86 -0.38 0.00	30.36 -0.31 0.00	30.51 -0.22 0.00	32.51 -0.33 -0.19	34.26 -0.38 -0.21	34.90 -0.42 0.00	42.20 -0.69 0.00	47.26 -0.80 -1.09	53.71 -0.52 -2.50	50.56 -0.49 -1.78	51.35 -0.30 -1.92	40.12 -0.12 0.00	38.12 -0.08 0.00	35.22 -0.07 0.00	32.80 -0.30 0.00
EAST_RIVER___1 323558	34.00 2.05 0.00	30.91 1.91 0.00	28.66 1.77 0.00	27.48 1.68 0.00	27.09 1.61 0.00	27.33 1.50 0.00	27.59 1.73 0.00	26.39 1.73 -4.13	27.58 2.18 0.00	31.78 2.54 0.00	34.19 2.70 -0.82	34.88 2.61 -1.55	38.56 3.17 -2.76	40.66 3.27 -2.96	38.72 3.39 0.00	47.05 4.16 0.00	51.71 4.74 0.00	59.28 4.81 -2.73	56.35 4.09 -2.99	53.72 3.98 0.00	43.03 2.61 -0.17	40.91 2.71 0.00	37.87 2.58 0.00	35.18 2.09 0.00
EAST_RIVER___2 323559	33.91 1.95 0.00	30.80 1.80 0.00	28.61 1.72 0.00	27.40 1.60 0.00	27.04 1.55 0.00	27.25 1.42 0.00	27.54 1.68 0.00	26.37 1.70 -4.13	27.58 2.18 0.00	31.75 2.51 0.00	34.06 2.58 -0.82	34.76 2.49 -1.55	38.47 3.07 -2.76	40.55 3.17 -2.96	38.65 3.32 0.00	46.96 4.08 0.00	51.71 4.74 0.00	59.28 4.81 -2.73	56.31 4.04 -2.99	53.66 3.93 0.00	42.95 2.54 -0.17	40.83 2.63 0.00	37.80 2.51 0.00	35.08 1.99 0.00
EAST___DELAWARE_HYD 23607	33.20 1.25 0.00	30.10 1.10 0.00	27.88 1.00 0.00	26.78 0.98 0.00	26.38 0.89 0.00	26.66 0.83 0.00	26.74 0.88 0.00	25.02 0.90 -3.59	26.54 1.14 0.00	30.61 1.37 0.00	32.71 1.29 -0.76	33.38 1.23 -1.42	36.54 1.50 -2.39	38.51 1.51 -2.57	35.89 0.56 0.00	43.66 0.77 0.00	48.57 1.60 0.00	55.91 1.66 -2.52	53.40 1.38 -2.75	51.08 1.34 0.00	41.93 1.53 -0.16	39.84 1.64 0.00	36.85 1.55 0.00	34.22 1.13 0.00
EIGHT_POINT___WT_PWR 323820	33.04 1.09 0.00	30.01 1.01 0.00	27.58 0.70 0.00	26.06 0.26 0.00	25.59 0.10 0.00	26.55 0.72 0.00	26.48 0.62 0.00	21.71 0.39 -0.79	25.91 0.51 0.00	30.17 0.94 0.00	32.12 1.29 -0.16	32.45 1.41 -0.31	33.95 0.78 -0.53	35.79 0.79 -0.56	36.49 1.16 0.00	44.43 1.54 0.00	48.14 1.03 -0.14	55.18 2.59 -0.86	52.26 2.17 -0.82	52.27 2.29 -0.24	42.81 2.54 -0.03	40.30 2.10 0.00	37.06 1.76 0.00	34.62 1.52 0.00
ELBRIDGE_115KV_TB2 80188	31.86 -0.10 0.00	28.85 -0.15 0.00	26.75 -0.13 0.00	25.55 -0.26 0.00	25.18 -0.31 0.00	25.70 -0.13 0.00	25.65 -0.21 0.00	20.87 -0.08 -0.42	25.32 -0.08 0.00	29.18 -0.06 0.00	30.80 0.06 -0.08	30.99 0.12 -0.15	32.89 -0.03 -0.28	34.69 -0.03 -0.30	35.36 0.04 0.00	42.97 0.09 0.00	47.89 0.19 -0.73	54.29 0.62 -1.93	51.14 0.39 -1.48	51.47 0.45 -1.28	40.74 0.48 -0.02	38.58 0.38 0.00	35.54 0.25 0.00	33.10 0.00 0.00
ELEC_TRO_TEK 24086	40.87 2.46 -6.46	38.81 2.29 -7.52	36.64 2.12 -7.63	32.48 1.96 -4.72	30.02 1.89 -2.65	30.17 1.89 -2.46	30.98 2.04 -3.08	31.32 1.95 -8.83	34.07 2.44 -6.23	40.09 2.81 -8.04	47.99 2.94 -14.38	49.85 2.89 -16.24	58.50 3.36 -22.49	62.82 3.44 -24.95	62.36 3.57 -23.47	72.05 4.33 -24.83	88.79 4.93 -36.89	64.49 5.12 -7.63	65.02 4.43 -11.32	61.12 4.38 -7.01	52.81 3.06 -9.51	49.57 3.06 -8.31	47.98 2.96 -9.72	46.34 2.52 -10.73
ELLENBURG_WT_PWR 323604	32.05 0.10 0.00	29.09 0.09 0.00	26.94 0.05 0.00	25.99 0.18 0.00	25.74 0.25 0.00	25.99 0.16 0.00	25.96 0.10 0.00	20.37 -0.16 0.00	25.19 -0.20 0.00	28.94 -0.29 0.00	30.11 -0.55 0.00	30.17 -0.55 0.00	32.05 -0.59 0.00	33.84 -0.59 0.00	34.80 -0.53 0.00	42.12 -0.77 0.00	45.94 -1.03 0.00	50.60 -1.14 0.00	48.48 -0.79 0.00	48.89 -0.85 0.00	39.60 -0.65 0.00	37.59 -0.61 0.00	34.83 -0.46 0.00	33.00 -0.10 0.00
ELM_ST_23_KV_LD_REV_LBMP_A 345012	32.50 0.54 0.00	29.41 0.41 0.00	27.21 0.32 0.00	25.44 -0.36 0.00	24.95 -0.54 0.00	26.24 0.41 0.00	26.01 0.16 0.00	21.10 -0.06 -0.63	25.55 0.15 0.00	29.35 0.12 0.00	31.22 0.43 -0.13	31.61 0.65 -0.24	33.22 0.16 -0.42	35.09 0.21 -0.45	35.86 0.53 0.00	43.74 0.86 0.00	47.82 0.85 0.00	53.70 1.55 -0.42	50.37 0.64 -0.46	50.73 0.99 0.00	41.88 1.61 -0.03	39.35 1.15 0.00	36.11 0.81 0.00	33.86 0.76 0.00
EMPIRE_CC_1 323656	33.08 1.12 0.00	30.13 1.13 0.00	27.99 1.10 0.00	26.86 1.06 0.00	26.48 0.99 0.00	26.79 0.96 0.00	26.89 1.04 0.00	26.49 0.88 -5.08	26.51 1.12 0.00	30.52 1.28 0.00	33.32 1.38 -1.28	34.48 1.35 -2.40	37.43 1.40 -3.39	39.54 1.48 -3.64	36.81 1.48 0.00	44.77 1.88 0.00	49.13 2.16 0.00	58.20 2.22 -4.24	55.89 1.97 -4.64	51.82 2.09 0.00	41.99 1.49 -0.26	39.77 1.57 0.00	36.71 1.41 0.00	34.22 1.13 0.00
EMPIRE_CC_2 323658	33.08 1.12 0.00	30.13 1.13 0.00	27.99 1.10 0.00	26.86 1.06 0.00	26.48 0.99 0.00	26.79 0.96 0.00	26.89 1.04 0.00	26.49 0.88 -5.08	26.51 1.12 0.00	30.52 1.28 0.00	33.32 1.38 -1.28	34.48 1.35 -2.40	37.43 1.40 -3.39	39.54 1.48 -3.64	36.81 1.48 0.00	44.77 1.88 0.00	49.13 2.16 0.00	58.20 2.22 -4.24	55.89 1.97 -4.64	51.82 2.09 0.00	41.99 1.49 -0.26	39.77 1.57 0.00	36.71 1.41 0.00	34.22 1.13 0.00
ENORWICH_115KV_TB1 80156	34.39 2.43 0.00	31.09 2.09 0.00	28.77 1.88 0.00	27.46 1.65 0.00	27.04 1.55 0.00	27.66 1.83 0.00	27.54 1.68 0.00	23.00 1.33 -1.13	27.18 1.78 0.00	31.28 2.05 0.00	33.56 2.58 -0.32	33.88 2.55 -0.61	35.88 2.48 -0.76	37.86 2.62 -0.81	37.91 2.58 0.00	46.23 3.35 0.00	51.19 3.95 -0.28	58.46 5.02 -1.71	55.78 4.88 -1.63	55.55 5.32 -0.49	44.94 4.63 -0.07	42.48 4.28 0.00	38.89 3.60 0.00	35.78 2.68 0.00

ERIE_ST__34_KV_TB1-2 80199	32.69 0.74 0.00	29.58 0.58 0.00	27.34 0.46 0.00	25.60 -0.21 0.00	25.08 -0.41 0.00	26.35 0.52 0.00	26.19 0.34 0.00	21.02 -0.16 -0.65	25.78 0.38 0.00	29.67 0.44 0.00	31.59 0.80 -0.13	32.02 1.04 -0.25	33.11 0.03 -0.44	34.97 0.07 -0.47	36.25 0.92 0.00	44.26 1.37 0.00	48.38 1.41 0.00	54.50 2.33 -0.44	51.08 1.33 -0.48	51.33 1.59 0.00	42.28 2.01 -0.03	39.77 1.57 0.00	36.49 1.20 0.00	34.12 1.03 0.00
ERIE_WT_PWR 323693	32.66 0.70 0.00	29.69 0.69 0.00	27.21 0.32 0.00	25.55 -0.26 0.00	25.05 -0.43 0.00	26.29 0.47 0.00	26.14 0.28 0.00	21.16 -0.02 -0.64	25.42 0.03 0.00	29.61 0.38 0.00	31.44 0.64 -0.13	31.83 0.86 -0.24	33.33 0.26 -0.43	35.16 0.27 -0.46	36.07 0.74 0.00	43.96 1.07 0.00	47.34 0.37 0.00	53.82 1.66 -0.43	50.88 1.13 -0.47	50.78 1.05 0.00	42.16 1.89 -0.03	39.57 1.37 0.00	36.32 1.02 0.00	34.12 1.03 0.00
ESPRGFLD_115KV_TB1 80157	34.23 2.27 0.00	31.00 2.00 0.00	28.69 1.80 0.00	27.48 1.68 0.00	27.12 1.63 0.00	27.61 1.78 0.00	27.62 1.76 0.00	20.87 1.50 1.17	27.30 1.90 0.00	31.49 2.25 0.00	35.04 2.55 -1.83	36.75 2.58 -3.45	34.41 2.55 0.78	36.28 2.69 0.84	38.01 2.68 0.00	46.23 3.35 0.00	50.87 3.90 0.00	62.42 4.60 -6.09	60.27 4.34 -6.66	54.21 4.48 0.00	44.40 3.78 -0.38	41.75 3.55 0.00	38.40 3.11 0.00	35.58 2.48 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	32.72 0.77 0.00	29.64 0.64 0.00	27.48 0.59 0.00	26.22 0.41 0.00	25.82 0.33 0.00	26.37 0.54 0.00	26.32 0.47 0.00	21.79 0.41 -0.84	25.98 0.58 0.00	29.94 0.70 0.00	31.77 0.92 -0.19	32.03 0.95 -0.35	33.96 0.75 -0.56	35.79 0.76 -0.60	36.18 0.85 0.00	44.04 1.16 0.00	48.76 1.41 -0.38	55.41 2.17 -1.50	52.50 1.92 -1.31	52.55 2.14 -0.68	42.17 1.89 -0.04	39.84 1.64 0.00	36.64 1.34 0.00	34.02 0.93 0.00
ETNA____115KV_TB2 80207	32.72 0.77 0.00	29.64 0.64 0.00	27.48 0.59 0.00	26.22 0.41 0.00	25.82 0.33 0.00	26.37 0.54 0.00	26.32 0.47 0.00	21.79 0.41 -0.84	25.98 0.58 0.00	29.94 0.70 0.00	31.77 0.92 -0.19	32.03 0.95 -0.35	33.96 0.75 -0.56	35.79 0.76 -0.60	36.18 0.85 0.00	44.04 1.16 0.00	48.76 1.41 -0.38	55.41 2.17 -1.50	52.50 1.92 -1.31	52.55 2.14 -0.68	42.17 1.89 -0.04	39.84 1.64 0.00	36.64 1.34 0.00	34.02 0.93 0.00
EUCLID____115KV_TB2 356179	31.51 -0.45 0.00	28.54 -0.46 0.00	26.48 -0.40 0.00	25.31 -0.49 0.00	24.95 -0.54 0.00	25.47 -0.36 0.00	25.42 -0.44 0.00	20.62 -0.25 -0.33	25.09 -0.30 0.00	28.91 -0.32 0.00	30.42 -0.25 0.00	30.57 -0.15 0.00	32.57 -0.29 -0.22	34.36 -0.31 -0.24	35.05 -0.28 0.00	42.59 -0.30 0.00	46.96 -0.33 -0.32	52.41 -0.05 -0.72	49.59 -0.20 -0.52	50.14 -0.15 -0.56	40.24 0.00 0.00	38.12 -0.08 0.00	35.12 -0.18 0.00	32.73 -0.36 0.00
E_CANADA_CAP_HY 24051	34.96 3.00 0.00	31.67 2.67 0.00	29.28 2.39 0.00	28.08 2.27 0.00	27.68 2.19 0.00	28.08 2.25 0.00	28.13 2.28 0.00	29.17 1.93 -6.70	27.78 2.39 0.00	32.07 2.84 0.00	36.07 3.13 -2.28	38.18 3.17 -4.29	40.05 2.94 -4.48	42.33 3.10 -4.80	38.44 3.11 0.00	46.66 3.77 0.00	51.34 4.37 0.00	64.69 5.38 -7.57	62.73 5.17 -8.29	55.06 5.32 0.00	45.34 4.63 -0.47	42.59 4.39 0.00	39.18 3.88 0.00	36.28 3.18 0.00
E_CANADA_MHWK_HY 24050	31.83 -0.13 0.00	28.88 -0.12 0.00	26.78 -0.11 0.00	25.68 -0.13 0.00	25.36 -0.13 0.00	25.73 -0.10 0.00	25.75 -0.10 0.00	20.49 -0.04 0.00	25.37 -0.03 0.00	29.21 -0.03 0.00	30.88 0.22 0.00	30.91 0.19 0.00	32.80 0.16 0.00	34.60 0.17 0.00	35.36 0.04 0.00	42.97 0.09 0.00	46.83 -0.14 0.00	51.63 -0.10 0.00	49.22 -0.05 0.00	49.69 -0.05 0.00	40.20 -0.04 0.00	38.24 0.04 0.00	35.29 0.00 0.00	32.97 -0.13 0.00
E_FISHKILL____LBMP 23776	33.62 1.66 0.00	30.59 1.59 0.00	28.36 1.48 0.00	27.20 1.39 0.00	26.78 1.30 0.00	27.12 1.29 0.00	27.25 1.40 0.00	26.19 1.42 -4.24	27.15 1.75 0.00	31.25 2.02 0.00	33.66 2.15 -0.84	34.40 2.09 -1.59	37.92 2.45 -2.83	40.02 2.55 -3.04	37.94 2.61 0.00	46.10 3.22 0.00	50.68 3.71 0.00	58.37 3.83 -2.81	55.60 3.25 -3.07	52.92 3.18 0.00	42.59 2.17 -0.17	40.38 2.18 0.00	37.31 2.01 0.00	34.75 1.65 0.00
FALCON____SEABRD_CC1 323796	32.37 0.41 0.00	29.38 0.38 0.00	27.21 0.32 0.00	26.24 0.44 0.00	25.99 0.51 0.00	26.27 0.44 0.00	26.22 0.36 0.00	20.60 0.06 0.00	25.47 0.08 0.00	29.24 0.00 0.00	30.42 -0.25 0.00	30.48 -0.25 0.00	32.41 -0.23 0.00	34.22 -0.21 0.00	35.22 -0.11 0.00	42.59 -0.30 0.00	46.41 -0.56 0.00	51.12 -0.62 0.00	49.03 -0.25 0.00	49.39 -0.35 0.00	40.04 -0.20 0.00	38.01 -0.19 0.00	35.22 -0.07 0.00	33.33 0.23 0.00
FALCON____SEABRD_CC2 323797	32.37 0.41 0.00	29.38 0.38 0.00	27.21 0.32 0.00	26.24 0.44 0.00	25.99 0.51 0.00	26.27 0.44 0.00	26.22 0.36 0.00	20.60 0.06 0.00	25.47 0.08 0.00	29.24 0.00 0.00	30.42 -0.25 0.00	30.48 -0.25 0.00	32.41 -0.23 0.00	34.22 -0.21 0.00	35.22 -0.11 0.00	42.59 -0.30 0.00	46.41 -0.56 0.00	51.12 -0.62 0.00	49.03 -0.25 0.00	49.39 -0.35 0.00	40.04 -0.20 0.00	38.01 -0.19 0.00	35.22 -0.07 0.00	33.33 0.23 0.00
FAR ROCKAWAY____4 23548	41.54 3.13 -6.46	39.39 2.87 -7.52	37.15 2.63 -7.63	32.95 2.43 -4.72	30.46 2.32 -2.65	30.64 2.35 -2.46	31.39 2.46 -3.08	31.65 2.28 -8.83	34.50 2.87 -6.23	40.61 3.33 -8.04	48.21 3.16 -14.38	50.07 3.10 -16.24	58.79 3.66 -22.49	63.20 3.82 -24.95	62.75 3.96 -23.47	72.57 4.85 -24.83	89.33 5.50 -36.86	64.98 5.69 -7.55	65.55 4.98 -11.30	61.62 4.87 -7.01	53.24 3.50 -9.50	49.95 3.44 -8.31	48.33 3.32 -9.72	46.64 2.81 -10.73
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	34.03 2.08 0.00	30.97 1.97 0.00	28.71 1.83 0.00	27.46 1.65 0.00	27.07 1.58 0.00	27.38 1.55 0.00	27.59 1.73 0.00	26.39 1.72 -4.13	27.61 2.21 0.00	31.78 2.54 0.00	34.19 2.70 -0.82	34.88 2.61 -1.55	38.56 3.17 -2.76	40.66 3.27 -2.96	38.72 3.39 0.00	47.05 4.16 0.00	51.71 4.74 0.00	59.28 4.81 -2.73	56.31 4.04 -2.99	53.67 3.93 0.00	43.03 2.62 -0.17	40.87 2.67 0.00	37.84 2.54 0.00	35.22 2.12 0.00
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	34.03 2.08 0.00	30.97 1.97 0.00	28.71 1.83 0.00	27.46 1.65 0.00	27.07 1.58 0.00	27.38 1.55 0.00	27.59 1.73 0.00	26.39 1.72 -4.13	27.58 2.18 0.00	31.78 2.54 0.00	34.19 2.70 -0.82	34.88 2.61 -1.55	38.56 3.17 -2.76	40.66 3.27 -2.96	38.72 3.39 0.00	47.05 4.16 0.00	51.71 4.74 0.00	59.28 4.81 -2.73	56.35 4.09 -2.99	53.67 3.93 0.00	43.03 2.62 -0.17	40.87 2.67 0.00	37.84 2.54 0.00	35.25 2.15 0.00
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	34.00 2.05 0.00	30.94 1.94 0.00	28.69 1.80 0.00	27.43 1.63 0.00	27.04 1.55 0.00	27.35 1.52 0.00	27.56 1.71 0.00	26.39 1.72 -4.13	27.58 2.18 0.00	31.78 2.54 0.00	34.19 2.70 -0.82	34.88 2.61 -1.55	38.53 3.13 -2.76	40.62 3.24 -2.96	38.68 3.36 0.00	47.00 4.12 0.00	51.67 4.70 0.00	59.23 4.76 -2.73	56.31 4.04 -2.99	53.62 3.88 0.00	42.99 2.58 -0.17	40.84 2.64 0.00	37.80 2.51 0.00	35.18 2.09 0.00

FARRAGUT___LBMP 323566	33.97 2.01 0.00	30.91 1.91 0.00	28.66 1.77 0.00	27.43 1.63 0.00	27.01 1.53 0.00	27.35 1.52 0.00	27.54 1.68 0.00	26.37 1.70 -4.13	27.56 2.16 0.00	31.75 2.51 0.00	34.12 2.64 -0.82	34.85 2.58 -1.55	38.50 3.10 -2.76	40.59 3.20 -2.96	38.65 3.32 0.00	46.96 4.07 0.00	51.62 4.65 0.00	59.18 4.71 -2.73	56.21 3.94 -2.99	53.57 3.83 0.00	42.95 2.54 -0.17	40.80 2.60 0.00	37.76 2.47 0.00	35.18 2.09 0.00
FENNER___WINDPWR 24204	32.53 0.58 0.00	29.46 0.46 0.00	27.26 0.38 0.00	26.11 0.31 0.00	25.74 0.25 0.00	26.19 0.36 0.00	26.17 0.31 0.00	21.31 0.31 -0.46	25.80 0.41 0.00	29.79 0.55 0.00	31.55 0.80 -0.09	31.72 0.83 -0.16	33.73 0.78 -0.31	35.59 0.82 -0.33	36.21 0.88 0.00	44.00 1.11 0.00	48.48 1.22 -0.29	54.40 1.70 -0.96	51.69 1.62 -0.79	51.94 1.69 -0.51	41.75 1.49 -0.02	39.54 1.34 0.00	36.35 1.06 0.00	33.79 0.70 0.00
FIBERTEK___ENERGY 23856	31.89 -0.06 0.00	28.88 -0.12 0.00	26.78 -0.11 0.00	25.60 -0.21 0.00	25.23 -0.25 0.00	25.73 -0.10 0.00	25.68 -0.18 0.00	20.87 -0.06 -0.40	25.35 -0.05 0.00	29.24 0.00 0.00	30.82 0.15 0.00	30.94 0.22 0.00	32.97 0.07 -0.26	34.78 0.07 -0.28	35.50 0.18 0.00	43.14 0.26 0.00	47.94 0.28 -0.69	54.03 0.72 -1.57	50.94 0.54 -1.12	51.54 0.60 -1.20	40.85 0.60 0.00	38.66 0.46 0.00	35.61 0.32 0.00	33.16 0.07 0.00
FITZPATRICK____ 23598	31.06 -0.89 0.00	28.16 -0.84 0.00	26.08 -0.81 0.00	24.95 -0.85 0.00	24.59 -0.89 0.00	25.03 -0.80 0.00	25.03 -0.83 0.00	20.20 -0.57 -0.24	24.69 -0.71 0.00	28.45 -0.79 0.00	29.90 -0.77 0.00	30.02 -0.71 0.00	31.99 -0.81 -0.16	33.74 -0.86 -0.17	34.45 -0.88 0.00	41.82 -1.07 0.00	42.00 -1.22 3.75	42.00 -1.14 8.60	42.00 -1.13 6.14	42.00 -1.14 6.59	39.44 -0.80 0.00	37.40 -0.80 0.00	34.48 -0.81 0.00	32.21 -0.89 0.00
FLOWRFLD_69_KV_BK1 356044	41.71 3.29 -6.46	39.54 3.02 -7.52	37.42 2.90 -7.63	33.18 2.66 -4.72	30.71 2.57 -2.65	30.90 2.61 -2.46	31.70 2.77 -3.08	31.85 2.48 -8.83	34.83 3.20 -6.23	40.96 3.68 -8.05	48.91 3.86 -14.38	51.70 3.81 -17.16	60.64 4.18 -23.82	63.67 4.27 -24.97	63.16 4.35 -23.48	73.12 5.32 -24.91	103.75 6.06 -50.72	110.21 6.47 -52.01	74.28 5.72 -19.29	68.28 5.67 -12.88	62.71 4.19 -18.28	55.04 4.28 -12.56	49.07 4.06 -9.72	47.31 3.48 -10.73
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	34.07 2.11 0.00	30.97 1.97 0.00	28.66 1.77 0.00	27.48 1.68 0.00	27.04 1.55 0.00	27.41 1.58 0.00	27.44 1.58 0.00	26.20 1.52 -4.15	27.33 1.93 0.00	31.52 2.28 0.00	33.92 2.42 -0.83	34.69 2.40 -1.57	38.15 2.74 -2.77	40.26 2.86 -2.97	38.26 2.93 0.00	46.49 3.60 0.00	51.10 4.13 0.00	58.95 4.45 -2.77	56.19 3.89 -3.03	53.57 3.83 0.00	43.03 2.62 -0.17	40.87 2.67 0.00	37.73 2.44 0.00	35.12 2.02 0.00
FORT ORANGE____ 23900	33.08 1.12 0.00	30.07 1.07 0.00	27.91 1.02 0.00	26.78 0.98 0.00	26.38 0.89 0.00	26.68 0.85 0.00	26.79 0.93 0.00	26.66 0.86 -5.27	26.51 1.12 0.00	30.49 1.26 0.00	33.76 1.35 -1.75	35.36 1.35 -3.28	37.53 1.37 -3.52	39.68 1.48 -3.77	36.78 1.45 0.00	44.69 1.80 0.00	49.04 2.06 0.00	59.87 2.33 -5.80	57.74 2.12 -6.35	51.92 2.19 0.00	42.25 1.65 -0.36	39.80 1.60 0.00	36.78 1.48 0.00	34.26 1.16 0.00
FORT_DRUM_COGEN 23780	32.18 0.22 0.00	29.12 0.12 0.00	26.97 0.08 0.00	25.83 0.03 0.00	25.54 0.05 0.00	25.88 0.05 0.00	25.73 -0.13 0.00	20.53 -0.21 -0.20	25.17 -0.23 0.00	28.97 -0.26 0.00	30.48 -0.18 0.00	30.66 -0.06 0.00	32.68 -0.10 -0.14	34.37 -0.21 -0.15	34.83 -0.49 0.00	42.29 -0.60 0.00	46.93 -0.61 -0.57	52.84 -0.21 -1.31	50.36 0.15 -0.94	51.34 0.60 -1.01	40.97 0.72 0.00	38.93 0.73 0.00	35.89 0.60 0.00	33.33 0.23 0.00
FPL_FAR_ROCK_GT1 24212	41.55 3.13 -6.46	39.34 2.81 -7.53	37.12 2.61 -7.63	32.98 2.45 -4.72	30.51 2.37 -2.66	30.59 2.30 -2.46	31.42 2.48 -3.08	31.65 2.28 -8.83	34.47 2.84 -6.23	40.61 3.33 -8.04	48.21 3.16 -14.38	50.07 3.10 -16.24	58.79 3.65 -22.49	63.20 3.82 -24.95	62.75 3.96 -23.47	72.56 4.84 -24.83	89.28 5.45 -36.86	64.98 5.69 -7.55	65.60 5.03 -11.30	61.72 4.97 -7.01	53.24 3.50 -9.50	49.99 3.48 -8.31	48.41 3.39 -9.72	46.64 2.81 -10.74
FPL_FAR_ROCK_GT2 23815	41.55 3.13 -6.46	39.34 2.81 -7.53	37.12 2.61 -7.63	32.98 2.45 -4.72	30.51 2.37 -2.66	30.59 2.30 -2.46	31.42 2.48 -3.08	31.65 2.28 -8.83	34.47 2.84 -6.23	40.61 3.33 -8.04	48.21 3.16 -14.38	50.07 3.10 -16.24	58.79 3.65 -22.49	63.20 3.82 -24.95	62.75 3.96 -23.47	72.56 4.84 -24.83	89.28 5.45 -36.86	64.98 5.69 -7.55	65.60 5.03 -11.30	61.72 4.97 -7.01	53.24 3.50 -9.50	49.99 3.48 -8.31	48.41 3.39 -9.72	46.64 2.81 -10.74
FRANKLIN_FALL_HYD 24054	32.12 0.16 0.00	29.15 0.14 0.00	26.99 0.11 0.00	26.04 0.23 0.00	25.82 0.33 0.00	25.96 0.13 0.00	25.94 0.08 0.00	20.29 -0.25 0.00	25.09 -0.30 0.00	28.86 -0.38 0.00	30.05 -0.61 0.00	30.11 -0.61 0.00	32.02 -0.62 0.00	33.81 -0.62 0.00	34.80 -0.53 0.00	42.07 -0.81 0.00	45.66 -1.32 0.00	50.23 -1.50 0.00	48.39 -0.89 0.00	48.74 -0.99 0.00	39.52 -0.72 0.00	37.55 -0.65 0.00	34.87 -0.42 0.00	33.06 -0.03 0.00
FREEPORT_EQUS_GT1 23764	41.23 2.81 -6.46	39.07 2.55 -7.52	36.91 2.39 -7.63	32.82 2.30 -4.72	30.35 2.22 -2.65	30.43 2.14 -2.46	31.29 2.35 -3.08	31.54 2.18 -8.83	34.32 2.69 -6.23	40.41 3.13 -8.04	48.27 3.22 -14.38	50.13 3.17 -16.24	58.79 3.65 -22.49	63.06 3.69 -24.95	62.61 3.82 -23.47	72.40 4.68 -24.83	89.24 5.31 -36.96	65.08 5.48 -7.87	65.52 4.88 -11.37	61.57 4.82 -7.01	53.18 3.38 -9.56	50.07 3.55 -8.31	48.40 3.39 -9.72	46.64 2.81 -10.73
FREEPORT___CT2 23818	41.23 2.81 -6.46	39.07 2.55 -7.52	36.91 2.39 -7.63	32.82 2.30 -4.72	30.35 2.22 -2.65	30.43 2.14 -2.46	31.29 2.35 -3.08	31.54 2.18 -8.83	34.32 2.69 -6.23	40.41 3.13 -8.04	48.27 3.22 -14.38	50.13 3.17 -16.24	58.79 3.65 -22.49	63.06 3.69 -24.95	62.61 3.82 -23.47	72.40 4.68 -24.83	89.24 5.31 -36.96	65.08 5.48 -7.87	65.52 4.88 -11.37	61.57 4.82 -7.01	53.18 3.38 -9.56	50.07 3.55 -8.31	48.40 3.39 -9.72	46.64 2.81 -10.73
FRESHKLS_33_KV_LOAD 356253	32.40 2.08 1.64	31.21 2.20 -0.01	28.90 2.02 0.00	27.56 1.75 0.00	27.14 1.66 0.00	27.30 1.47 0.00	27.41 1.55 0.00	26.22 1.56 -4.12	27.40 2.01 0.01	31.65 2.43 0.01	31.49 2.58 1.75	31.82 2.49 1.39	31.86 3.13 3.91	33.69 3.20 3.94	34.34 3.36 4.35	36.13 4.03 10.78	36.64 4.70 15.03	39.73 4.81 16.81	36.20 3.99 17.06	33.93 3.83 19.64	33.89 2.37 8.72	33.73 2.56 7.03	34.33 2.68 3.64	32.40 2.22 2.92
FULTON COGEN____ 23766	31.35 -0.61 0.00	28.39 -0.61 0.00	26.35 -0.54 0.00	25.18 -0.62 0.00	24.82 -0.66 0.00	25.31 -0.52 0.00	25.26 -0.59 0.00	20.48 -0.37 -0.31	24.94 -0.46 0.00	28.74 -0.50 0.00	30.27 -0.40 0.00	30.39 -0.34 0.00	32.36 -0.49 -0.21	34.14 -0.52 -0.22	34.83 -0.49 0.00	42.24 -0.64 0.00	47.50 -0.70 -1.23	54.14 -0.41 -2.82	50.79 -0.49 -2.01	51.50 -0.40 -2.16	40.00 -0.24 0.00	37.89 -0.31 0.00	34.98 -0.32 0.00	32.57 -0.53 0.00

FULTON___LFGE 323630	35.69 3.74 0.00	32.28 3.28 0.00	29.82 2.93 0.00	28.62 2.81 0.00	28.19 2.70 0.00	28.54 2.71 0.00	28.50 2.64 0.00	29.06 2.24 -6.29	28.14 2.74 0.00	32.42 3.19 0.00	37.52 4.38 -2.47	39.73 4.36 -4.65	40.95 4.11 -4.20	43.24 4.30 -4.50	39.49 4.17 0.00	47.94 5.06 0.00	51.95 4.98 0.00	66.41 6.47 -8.21	64.61 6.36 -8.98	56.25 6.51 0.00	46.50 5.75 -0.51	43.43 5.23 0.00	40.13 4.84 0.00	37.13 4.04 0.00
G.F.CEMENT___DRP 24184	34.32 2.36 0.00	31.12 2.12 0.00	28.74 1.86 0.00	27.58 1.78 0.00	27.19 1.71 0.00	27.51 1.68 0.00	27.54 1.68 0.00	27.56 1.52 -5.51	27.35 1.96 0.00	31.57 2.34 0.00	35.72 2.42 -2.63	38.13 2.46 -4.94	38.63 2.32 -3.68	40.75 2.38 -3.94	37.59 2.26 0.00	45.63 2.74 0.00	50.07 3.10 0.00	64.35 3.88 -8.73	62.72 3.89 -9.56	53.62 3.88 0.00	44.57 3.78 -0.54	41.60 3.40 0.00	38.33 3.04 0.00	35.58 2.48 0.00
GARDENVILLE___LBMP 24039	32.56 0.61 0.00	29.49 0.49 0.00	27.29 0.40 0.00	25.52 -0.28 0.00	25.00 -0.48 0.00	26.29 0.46 0.00	26.09 0.23 0.00	21.13 -0.04 -0.64	25.63 0.23 0.00	29.44 0.20 0.00	31.31 0.52 -0.13	31.73 0.77 -0.24	33.26 0.20 -0.43	35.10 0.21 -0.46	35.96 0.64 0.00	43.87 0.99 0.00	47.96 0.99 0.00	53.92 1.76 -0.43	50.58 0.84 -0.47	50.88 1.14 0.00	42.00 1.73 -0.03	39.50 1.30 0.00	36.25 0.95 0.00	33.96 0.86 0.00
GARDNVLA_35_KV_LD 355827	32.69 0.74 0.00	29.61 0.61 0.00	27.37 0.48 0.00	25.60 -0.21 0.00	25.08 -0.41 0.00	26.40 0.57 0.00	26.19 0.34 0.00	21.20 0.02 -0.65	25.73 0.33 0.00	29.59 0.35 0.00	31.47 0.67 -0.13	31.92 0.95 -0.24	33.40 0.33 -0.43	35.27 0.38 -0.46	36.18 0.85 0.00	44.13 1.24 0.00	48.24 1.27 0.00	54.23 2.07 -0.43	50.88 1.13 -0.47	51.18 1.44 0.00	42.24 1.97 -0.03	39.73 1.53 0.00	36.46 1.16 0.00	34.16 1.06 0.00
GELCKHM___115KV_LOAD 80723	31.64 -0.32 0.00	28.68 -0.32 0.00	26.59 -0.30 0.00	25.42 -0.39 0.00	25.05 -0.43 0.00	25.55 -0.28 0.00	25.52 -0.34 0.00	20.71 -0.18 -0.36	25.19 -0.20 0.00	29.03 -0.20 0.00	30.57 -0.09 0.00	30.69 -0.03 0.00	32.72 -0.16 -0.24	34.51 -0.17 -0.26	35.22 -0.11 0.00	42.76 -0.13 0.00	47.33 -0.09 -0.45	53.03 0.26 -1.03	50.11 0.10 -0.74	50.68 0.15 -0.79	40.48 0.24 0.00	38.32 0.11 0.00	35.29 0.00 0.00	32.90 -0.20 0.00
GENERAL___MILLS 23808	32.63 0.67 0.00	29.55 0.55 0.00	27.34 0.46 0.00	25.57 -0.23 0.00	25.05 -0.43 0.00	26.35 0.52 0.00	26.14 0.28 0.00	21.16 -0.02 -0.64	25.68 0.28 0.00	29.53 0.29 0.00	31.41 0.61 -0.13	31.83 0.86 -0.24	33.30 0.23 -0.43	35.17 0.28 -0.46	36.07 0.74 0.00	44.00 1.12 0.00	48.10 1.13 0.00	54.08 1.91 -0.43	50.73 0.99 -0.47	51.03 1.29 0.00	42.12 1.85 -0.03	39.58 1.38 0.00	36.35 1.06 0.00	34.06 0.96 0.00
GE_PLASTICS___DRP 24183	32.98 1.02 0.00	30.01 1.01 0.00	27.80 0.91 0.00	26.71 0.90 0.00	26.33 0.84 0.00	26.68 0.85 0.00	26.71 0.85 0.00	26.65 0.84 -5.27	26.46 1.07 0.00	30.43 1.20 0.00	33.54 1.29 -1.59	35.00 1.29 -2.99	37.50 1.34 -3.52	39.65 1.45 -3.77	36.74 1.41 0.00	44.60 1.72 0.00	48.90 1.93 0.00	59.18 2.17 -5.27	56.97 1.92 -5.77	51.68 1.94 0.00	42.02 1.45 -0.33	39.61 1.41 0.00	36.60 1.31 0.00	34.16 1.06 0.00
GILBOA___1 23756	32.98 1.02 0.00	29.96 0.96 0.00	27.88 1.00 0.00	26.76 0.96 0.00	26.38 0.89 0.00	26.71 0.88 0.00	26.71 0.85 0.00	25.43 0.84 -4.05	26.44 1.04 0.00	30.43 1.20 0.00	32.74 1.32 -0.75	33.43 1.29 -1.42	36.78 1.43 -2.71	38.81 1.48 -2.90	36.81 1.48 0.00	44.73 1.84 0.00	48.94 1.97 0.00	56.20 1.97 -2.50	53.83 1.82 -2.74	51.67 1.94 0.00	41.80 1.41 -0.16	39.61 1.41 0.00	36.60 1.31 0.00	34.12 1.03 0.00
GILBOA___2 23757	32.98 1.02 0.00	29.96 0.96 0.00	27.88 1.00 0.00	26.76 0.96 0.00	26.38 0.89 0.00	26.71 0.88 0.00	26.71 0.85 0.00	25.43 0.84 -4.05	26.44 1.04 0.00	30.43 1.20 0.00	32.74 1.32 -0.75	33.43 1.29 -1.42	36.78 1.43 -2.71	38.81 1.48 -2.90	36.81 1.48 0.00	44.73 1.84 0.00	48.94 1.97 0.00	56.20 1.97 -2.50	53.83 1.82 -2.74	51.67 1.94 0.00	41.80 1.41 -0.16	39.61 1.41 0.00	36.60 1.31 0.00	34.12 1.03 0.00
GILBOA___3 23758	32.98 1.02 0.00	29.96 0.96 0.00	27.88 1.00 0.00	26.76 0.96 0.00	26.38 0.89 0.00	26.71 0.88 0.00	26.71 0.85 0.00	25.43 0.84 -4.05	26.44 1.04 0.00	30.43 1.20 0.00	32.74 1.32 -0.75	33.43 1.29 -1.42	36.78 1.43 -2.71	38.81 1.48 -2.90	36.81 1.48 0.00	44.73 1.84 0.00	48.94 1.97 0.00	56.20 1.97 -2.50	53.83 1.82 -2.74	51.67 1.94 0.00	41.80 1.41 -0.16	39.61 1.41 0.00	36.60 1.31 0.00	34.12 1.03 0.00
GILBOA___4 23759	32.98 1.02 0.00	29.96 0.96 0.00	27.88 1.00 0.00	26.76 0.96 0.00	26.38 0.89 0.00	26.71 0.88 0.00	26.71 0.85 0.00	25.43 0.84 -4.05	26.44 1.04 0.00	30.43 1.20 0.00	32.74 1.32 -0.75	33.43 1.29 -1.42	36.78 1.43 -2.71	38.81 1.48 -2.90	36.81 1.48 0.00	44.73 1.84 0.00	48.94 1.97 0.00	56.20 1.97 -2.50	53.83 1.82 -2.74	51.67 1.94 0.00	41.80 1.41 -0.16	39.61 1.41 0.00	36.60 1.31 0.00	34.12 1.03 0.00
GILBOA___ 23599	32.98 1.02 0.00	29.96 0.96 0.00	27.77 0.89 0.00	26.73 0.93 0.00	26.35 0.87 0.00	26.73 0.90 0.00	26.69 0.83 0.00	25.43 0.84 -4.05	26.46 1.07 0.00	30.43 1.20 0.00	32.74 1.32 -0.75	33.43 1.29 -1.42	36.78 1.44 -2.71	38.81 1.48 -2.90	36.81 1.48 0.00	44.73 1.84 0.00	48.94 1.97 0.00	56.20 1.97 -2.50	53.83 1.82 -2.74	51.68 1.94 0.00	41.81 1.41 -0.16	39.61 1.41 0.00	36.60 1.31 0.00	34.12 1.03 0.00
GINNA___ 23603	30.71 -1.25 0.00	27.84 -1.16 0.00	25.68 -1.21 0.00	24.33 -1.47 0.00	23.90 -1.58 0.00	24.64 -1.19 0.00	24.54 -1.32 0.00	20.05 -0.94 -0.46	24.33 -1.07 0.00	28.04 -1.20 0.00	29.74 -1.01 -0.09	30.03 -0.86 -0.16	32.03 -0.91 -0.31	33.86 -0.90 -0.33	34.34 -0.99 0.00	41.77 -1.12 0.00	45.66 -1.31 0.00	50.93 -1.09 -0.29	48.35 -1.23 -0.31	48.49 -1.24 0.00	39.70 -0.56 -0.02	37.44 -0.76 0.00	34.24 -1.06 0.00	32.01 -1.09 0.00
GLEN PARK___ 23778	32.31 0.35 0.00	29.23 0.23 0.00	27.02 0.14 0.00	25.88 0.08 0.00	25.59 0.10 0.00	25.96 0.13 0.00	25.81 -0.05 0.00	20.60 -0.14 -0.21	25.25 -0.15 0.00	29.09 -0.15 0.00	30.63 -0.03 0.00	30.82 0.09 0.00	32.85 0.07 -0.14	34.54 -0.03 -0.15	34.94 -0.39 0.00	42.42 -0.47 0.00	47.15 -0.42 -0.60	53.11 0.00 -1.37	50.65 0.39 -0.98	51.69 0.90 -1.05	41.33 1.09 0.00	39.19 0.99 0.00	36.11 0.81 0.00	33.46 0.36 0.00
GLENDALE_27_KV_LOAD 356172	34.26 2.30 0.00	31.20 2.20 0.00	28.90 2.02 0.00	27.61 1.81 0.00	27.19 1.71 0.00	27.48 1.65 0.00	27.69 1.84 0.00	26.47 1.81 -4.13	27.68 2.29 0.00	31.93 2.69 0.00	34.34 2.85 -0.82	35.04 2.77 -1.55	38.76 3.36 -2.76	40.86 3.48 -2.96	38.97 3.64 0.00	47.26 4.37 0.00	51.95 4.98 0.00	59.54 5.07 -2.73	56.50 4.24 -2.99	53.81 4.08 0.00	43.11 2.70 -0.17	41.07 2.87 0.00	38.08 2.79 0.00	35.48 2.38 0.00

GLENWOOD_IC_1_G5 23712	40.78 2.36 -6.46	38.84 2.32 -7.52	36.66 2.15 -7.63	32.51 1.99 -4.72	30.05 1.91 -2.65	30.20 1.91 -2.46	30.98 2.04 -3.08	31.34 1.97 -8.83	34.12 2.49 -6.23	40.17 2.89 -8.04	47.93 2.88 -14.38	49.79 2.83 -16.24	58.50 3.36 -22.49	62.85 3.48 -24.95	62.43 3.64 -23.47	72.18 4.46 -24.83	89.00 5.07 -36.95	64.81 5.23 -7.85	65.13 4.48 -11.37	61.12 4.38 -7.01	52.81 3.02 -9.56	49.53 3.02 -8.31	47.80 2.79 -9.72	46.18 2.35 -10.73
GLENWOOD_IC_2_G1 23688	40.65 2.24 -6.46	38.58 2.06 -7.52	36.45 1.94 -7.63	32.35 1.83 -4.72	29.89 1.76 -2.65	29.97 1.68 -2.46	30.82 1.89 -3.08	31.18 1.81 -8.83	33.89 2.26 -6.23	39.91 2.63 -8.04	47.84 2.79 -14.38	49.70 2.73 -16.24	58.33 3.20 -22.49	62.72 3.34 -24.95	62.26 3.46 -23.47	71.97 4.25 -24.83	88.67 4.84 -36.86	64.20 4.92 -7.55	64.86 4.28 -11.30	60.97 4.23 -7.01	52.64 2.90 -9.50	49.46 2.94 -8.31	47.77 2.75 -9.72	46.08 2.25 -10.73
GLENWOOD_IC_3_G1 23689	40.65 2.24 -6.46	38.58 2.06 -7.52	36.45 1.94 -7.63	32.35 1.83 -4.72	29.89 1.76 -2.65	29.97 1.68 -2.46	30.82 1.89 -3.08	31.18 1.81 -8.83	33.89 2.26 -6.23	39.91 2.63 -8.04	47.84 2.79 -14.38	49.70 2.73 -16.24	58.33 3.20 -22.49	62.72 3.34 -24.95	62.26 3.46 -23.47	71.97 4.25 -24.83	88.67 4.84 -36.86	64.20 4.92 -7.55	64.86 4.28 -11.30	60.97 4.23 -7.01	52.64 2.90 -9.50	49.46 2.94 -8.31	47.77 2.75 -9.72	46.08 2.25 -10.73
GLENWOOD___4 23550	40.84 2.43 -6.46	38.84 2.32 -7.52	36.66 2.15 -7.63	32.51 1.99 -4.72	30.05 1.91 -2.65	30.20 1.91 -2.46	30.98 2.04 -3.08	31.34 1.97 -8.83	34.12 2.49 -6.23	40.17 2.89 -8.04	48.02 2.97 -14.38	49.88 2.92 -16.24	58.56 3.43 -22.49	62.96 3.58 -24.95	62.54 3.74 -23.47	72.31 4.59 -24.83	89.14 5.21 -36.95	64.92 5.33 -7.85	65.27 4.63 -11.37	61.22 4.48 -7.01	52.94 3.14 -9.56	49.61 3.09 -8.31	47.91 2.89 -9.72	46.24 2.42 -10.73
GLENWOOD___5 23614	40.84 2.43 -6.46	38.84 2.32 -7.52	36.66 2.15 -7.63	32.51 1.99 -4.72	30.05 1.91 -2.65	30.20 1.91 -2.46	30.98 2.04 -3.08	31.34 1.97 -8.83	34.12 2.49 -6.23	40.17 2.89 -8.04	48.02 2.97 -14.38	49.88 2.92 -16.24	58.56 3.43 -22.49	62.96 3.58 -24.95	62.54 3.74 -23.47	72.31 4.59 -24.83	89.14 5.21 -36.95	64.92 5.33 -7.85	65.27 4.63 -11.37	61.22 4.48 -7.01	52.94 3.14 -9.56	49.61 3.09 -8.31	47.91 2.89 -9.72	46.24 2.42 -10.73
GLOBAL GREEN_PORT_GT1 23814	43.14 4.73 -6.46	40.78 4.26 -7.52	38.68 4.17 -7.63	34.39 3.87 -4.72	31.93 3.80 -2.65	32.03 3.74 -2.46	33.00 4.06 -3.08	32.76 3.39 -8.83	36.07 4.44 -6.23	42.48 5.20 -8.04	50.75 5.70 -17.04	53.58 5.81 -23.49	62.53 6.40 -24.98	66.26 6.85 -24.98	65.73 6.93 -23.48	76.27 8.49 -24.89	103.45 9.21 -47.27	102.63 9.93 -40.96	77.38 8.97 -19.14	70.73 8.95 -12.05	62.86 6.52 -16.10	56.52 6.34 -11.98	50.80 5.79 -9.72	48.83 5.00 -10.73
GLOBE___DSASP 323697	31.51 -0.45 0.00	28.51 -0.49 0.00	26.40 -0.48 0.00	24.64 -1.16 0.00	24.41 -1.07 0.00	25.75 -0.08 0.00	25.24 -0.62 0.00	20.53 -0.60 -0.59	24.69 -0.71 0.00	28.36 -0.88 0.00	30.08 -0.71 -0.12	30.45 -0.49 -0.22	32.29 -0.75 -0.40	34.10 -0.76 -0.42	34.66 -0.67 0.00	42.24 -0.64 0.00	46.17 -0.80 0.00	51.71 -0.41 -0.39	48.52 -1.18 -0.43	48.94 -0.80 0.00	40.47 0.20 -0.02	37.97 -0.23 0.00	34.84 -0.46 0.00	32.80 -0.30 0.00
GOETHSLN___LBMP 323567	32.12 1.79 1.63	30.71 1.71 0.00	28.47 1.59 0.00	27.25 1.45 0.00	26.84 1.35 0.00	27.17 1.34 0.00	27.38 1.53 0.00	26.25 1.58 -4.13	27.40 2.01 0.00	31.57 2.34 0.00	33.94 2.45 -0.82	34.64 2.37 -1.55	31.64 2.91 3.90	33.46 2.96 3.93	34.07 3.07 4.33	35.85 3.73 10.77	51.29 4.32 0.00	39.27 4.35 16.81	35.82 3.60 17.05	33.60 3.48 19.62	33.75 2.21 8.71	39.72 2.29 0.77	37.52 2.22 0.00	32.04 1.85 2.91
GOLAH___69_KV_TB 1_2 80279	32.44 0.48 0.00	29.35 0.35 0.00	27.18 0.30 0.00	25.60 -0.21 0.00	25.13 -0.36 0.00	26.17 0.34 0.00	25.99 0.13 0.00	21.16 0.14 -0.48	25.55 0.15 0.00	29.44 0.20 0.00	31.25 0.49 -0.09	31.63 0.74 -0.17	33.65 0.69 -0.32	35.60 0.83 -0.35	36.21 0.88 0.00	44.13 1.24 0.00	47.86 0.89 0.00	53.64 1.60 -0.30	50.64 1.03 -0.33	50.98 1.24 0.00	41.87 1.61 -0.02	39.42 1.22 0.00	36.07 0.78 0.00	33.86 0.76 0.00
GOODYEAR_LAKE_HYD 323669	33.52 1.57 0.00	30.36 1.36 0.00	28.12 1.24 0.00	26.97 1.16 0.00	26.58 1.10 0.00	27.07 1.24 0.00	27.07 1.22 0.00	22.32 1.07 -0.72	26.79 1.40 0.00	30.90 1.67 0.00	33.53 1.90 -0.96	34.44 1.90 -1.81	35.11 1.99 -0.48	37.04 2.10 -0.52	37.45 2.12 0.00	45.55 2.66 0.00	50.13 3.05 -0.10	58.64 3.47 -3.44	56.10 3.15 -3.67	53.20 3.28 -0.18	43.10 2.66 -0.20	40.72 2.52 0.00	37.48 2.19 0.00	34.82 1.72 0.00
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	32.47 0.51 0.00	29.43 0.44 0.00	27.29 0.40 0.00	26.01 0.21 0.00	25.59 0.10 0.00	26.22 0.39 0.00	26.17 0.31 0.00	22.03 0.29 -1.21	25.88 0.48 0.00	29.82 0.58 0.00	31.70 0.77 -0.27	32.06 0.83 -0.51	34.04 0.59 -0.81	35.91 0.62 -0.87	36.14 0.81 0.00	44.00 1.12 0.00	48.50 1.27 -0.26	55.04 1.81 -1.49	52.01 1.33 -1.41	51.63 1.44 -0.45	41.67 1.37 -0.06	39.38 1.18 0.00	36.28 0.99 0.00	33.76 0.66 0.00
GOUDEY___7 23579	32.50 0.54 0.00	29.46 0.46 0.00	27.29 0.40 0.00	26.04 0.23 0.00	25.61 0.13 0.00	26.24 0.41 0.00	26.19 0.34 0.00	22.05 0.31 -1.21	25.91 0.51 0.00	29.85 0.61 0.00	31.73 0.80 -0.27	32.10 0.86 -0.51	34.07 0.62 -0.81	35.95 0.65 -0.87	36.21 0.88 0.00	44.04 1.16 0.00	48.59 1.36 -0.26	55.09 1.86 -1.49	52.11 1.43 -1.41	51.73 1.54 -0.45	41.71 1.41 -0.06	39.42 1.22 0.00	36.32 1.02 0.00	33.79 0.70 0.00
GOUDEY___8 23580	32.47 0.51 0.00	29.43 0.44 0.00	27.29 0.40 0.00	26.01 0.21 0.00	25.59 0.10 0.00	26.22 0.39 0.00	26.17 0.31 0.00	22.03 0.29 -1.21	25.88 0.48 0.00	29.82 0.58 0.00	31.70 0.77 -0.27	32.06 0.83 -0.51	34.04 0.59 -0.81	35.91 0.62 -0.87	36.14 0.81 0.00	44.00 1.12 0.00	48.50 1.27 -0.26	55.04 1.81 -1.49	52.01 1.33 -1.41	51.63 1.44 -0.45	41.67 1.37 -0.06	39.38 1.18 0.00	36.28 0.99 0.00	33.76 0.66 0.00
GOWANUS_GT1_1 24077	34.23 2.27 0.00	31.24 2.23 -0.01	28.93 2.04 0.00	27.61 1.81 0.00	27.19 1.71 0.00	27.41 1.58 0.00	27.56 1.71 0.00	26.37 1.70 -4.13	27.56 2.16 0.00	31.84 2.60 0.00	34.28 2.79 -0.82	34.95 2.67 -1.55	38.70 3.30 -2.76	40.80 3.41 -2.96	38.90 3.57 0.00	47.13 4.25 0.00	51.86 4.88 0.00	59.43 4.97 -2.73	56.40 4.14 -2.99	53.72 3.98 0.00	42.99 2.58 -0.17	40.95 2.75 0.00	38.12 2.82 0.00	35.48 2.38 0.00
GOWANUS_GT1_2 24078	34.23 2.27 0.00	31.24 2.23 -0.01	28.93 2.04 0.00	27.61 1.81 0.00	27.19 1.71 0.00	27.41 1.58 0.00	27.56 1.71 0.00	26.37 1.70 -4.13	27.56 2.16 0.00	31.84 2.60 0.00	34.28 2.79 -0.82	34.95 2.67 -1.55	38.70 3.30 -2.76	40.80 3.41 -2.96	38.90 3.57 0.00	47.13 4.25 0.00	51.86 4.88 0.00	59.43 4.97 -2.73	56.40 4.14 -2.99	53.72 3.98 0.00	42.99 2.58 -0.17	40.95 2.75 0.00	38.12 2.82 0.00	35.48 2.38 0.00

GOWANUS_GT1_3 24079	34.23 2.27 0.00	31.24 2.23 -0.01	28.93 2.04 0.00	27.61 1.81 0.00	27.19 1.71 0.00	27.41 1.58 0.00	27.56 1.71 0.00	26.37 1.70 -4.13	27.56 2.16 0.00	31.84 2.60 0.00	34.28 2.79 -0.82	34.95 2.67 -1.55	38.70 3.30 -2.76	40.80 3.41 -2.96	38.90 3.57 0.00	47.13 4.25 0.00	51.86 4.88 0.00	59.43 4.97 -2.73	56.40 4.14 -2.99	53.72 3.98 0.00	42.99 2.58 -0.17	40.95 2.75 0.00	38.12 2.82 0.00	35.48 2.38 0.00
GOWANUS_GT1_4 24080	34.23 2.27 0.00	31.24 2.23 -0.01	28.93 2.04 0.00	27.61 1.81 0.00	27.19 1.71 0.00	27.41 1.58 0.00	27.56 1.71 0.00	26.37 1.71 -4.13	27.56 2.16 0.00	31.84 2.60 0.00	34.28 2.79 -0.82	34.95 2.67 -1.55	38.70 3.30 -2.76	40.80 3.41 -2.96	38.90 3.57 0.00	47.13 4.25 0.00	51.86 4.88 0.00	59.43 4.97 -2.73	56.40 4.14 -2.99	53.72 3.98 0.00	42.99 2.58 -0.17	40.95 2.75 0.00	38.12 2.82 0.00	35.48 2.38 0.00
GOWANUS_GT1_5 24084	34.23 2.27 0.00	31.24 2.23 -0.01	28.93 2.04 0.00	27.61 1.81 0.00	27.19 1.71 0.00	27.41 1.58 0.00	27.56 1.71 0.00	26.37 1.70 -4.13	27.56 2.16 0.00	31.84 2.60 0.00	34.28 2.79 -0.82	34.95 2.67 -1.55	38.70 3.30 -2.76	40.80 3.41 -2.96	38.90 3.57 0.00	47.13 4.25 0.00	51.86 4.88 0.00	59.43 4.97 -2.73	56.40 4.14 -2.99	53.72 3.98 0.00	42.99 2.58 -0.17	40.95 2.75 0.00	38.12 2.82 0.00	35.48 2.38 0.00
GOWANUS_GT1_6 24111	34.23 2.27 0.00	31.24 2.23 -0.01	28.93 2.04 0.00	27.61 1.81 0.00	27.19 1.71 0.00	27.41 1.58 0.00	27.56 1.71 0.00	26.37 1.70 -4.13	27.56 2.16 0.00	31.84 2.60 0.00	34.28 2.79 -0.82	34.95 2.67 -1.55	38.70 3.30 -2.76	40.80 3.41 -2.96	38.90 3.57 0.00	47.13 4.25 0.00	51.86 4.88 0.00	59.43 4.97 -2.73	56.40 4.14 -2.99	53.72 3.98 0.00	42.99 2.58 -0.17	40.95 2.75 0.00	38.12 2.82 0.00	35.48 2.38 0.00
GOWANUS_GT1_7 24112	34.23 2.27 0.00	31.24 2.23 -0.01	28.93 2.04 0.00	27.61 1.81 0.00	27.19 1.71 0.00	27.41 1.58 0.00	27.56 1.71 0.00	26.37 1.70 -4.13	27.56 2.16 0.00	31.84 2.60 0.00	34.28 2.79 -0.82	34.95 2.67 -1.55	38.70 3.30 -2.76	40.80 3.41 -2.96	38.90 3.57 0.00	47.13 4.25 0.00	51.86 4.88 0.00	59.43 4.97 -2.73	56.40 4.14 -2.99	53.72 3.98 0.00	42.99 2.58 -0.17	40.95 2.75 0.00	38.12 2.82 0.00	35.48 2.38 0.00
GOWANUS_GT1_8 24113	34.23 2.27 0.00	31.24 2.23 -0.01	28.93 2.04 0.00	27.61 1.81 0.00	27.19 1.71 0.00	27.41 1.58 0.00	27.56 1.71 0.00	26.37 1.70 -4.13	27.56 2.16 0.00	31.84 2.60 0.00	34.28 2.79 -0.82	34.95 2.67 -1.55	38.70 3.30 -2.76	40.80 3.41 -2.96	38.90 3.57 0.00	47.13 4.25 0.00	51.86 4.88 0.00	59.43 4.97 -2.73	56.40 4.14 -2.99	53.72 3.98 0.00	42.99 2.58 -0.17	40.95 2.75 0.00	38.12 2.82 0.00	35.48 2.38 0.00
GOWANUS_GT2_1 24114	34.23 2.27 0.00	31.15 2.15 -0.01	28.90 2.02 0.00	27.64 1.83 0.00	27.24 1.76 0.00	27.38 1.55 0.00	27.59 1.73 0.00	26.37 1.70 -4.13	27.56 2.16 0.00	31.84 2.60 0.00	34.28 2.79 -0.82	34.94 2.67 -1.55	38.69 3.30 -2.76	40.80 3.41 -2.96	38.93 3.61 0.00	47.13 4.25 0.00	51.86 4.88 0.00	59.39 4.92 -2.73	56.40 4.14 -2.99	53.76 4.03 0.00	42.99 2.58 -0.17	41.10 2.90 0.00	38.19 2.89 0.00	35.48 2.38 0.00
GOWANUS_GT2_2 24115	34.23 2.27 0.00	31.15 2.15 -0.01	28.90 2.02 0.00	27.64 1.83 0.00	27.24 1.76 0.00	27.38 1.55 0.00	27.59 1.73 0.00</																	

GOWANUS_GT3_2 24123	34.23 2.27 0.00	31.15 2.15 -0.01	28.90 2.02 0.00	27.64 1.83 0.00	27.24 1.76 0.00	27.38 1.55 0.00	27.59 1.73 0.00	26.37 1.70 -4.13	27.56 2.16 0.00	31.84 2.60 0.00	34.28 2.79 -0.82	34.94 2.67 -1.55	38.69 3.30 -2.76	40.80 3.41 -2.96	38.93 3.61 0.00	47.13 4.25 0.00	51.86 4.88 0.00	59.39 4.92 -2.73	56.40 4.14 -2.99	53.76 4.03 0.00	42.99 2.58 -0.17	41.10 2.90 0.00	38.19 2.89 0.00	35.48 2.38 0.00
GOWANUS_GT3_3 24124	34.23 2.27 0.00	31.15 2.15 -0.01	28.90 2.02 0.00	27.64 1.83 0.00	27.24 1.76 0.00	27.38 1.55 0.00	27.59 1.73 0.00	26.37 1.70 -4.13	27.56 2.16 0.00	31.84 2.60 0.00	34.28 2.79 -0.82	34.94 2.67 -1.55	38.69 3.30 -2.76	40.80 3.41 -2.96	38.93 3.61 0.00	47.13 4.25 0.00	51.86 4.88 0.00	59.39 4.92 -2.73	56.40 4.14 -2.99	53.76 4.03 0.00	42.99 2.58 -0.17	41.10 2.90 0.00	38.19 2.89 0.00	35.48 2.38 0.00
GOWANUS_GT3_4 24125	34.23 2.27 0.00	31.15 2.15 -0.01	28.90 2.02 0.00	27.64 1.83 0.00	27.24 1.76 0.00	27.38 1.55 0.00	27.59 1.73 0.00	26.37 1.70 -4.13	27.56 2.16 0.00	31.84 2.60 0.00	34.28 2.79 -0.82	34.94 2.67 -1.55	38.69 3.30 -2.76	40.80 3.41 -2.96	38.93 3.61 0.00	47.13 4.25 0.00	51.86 4.88 0.00	59.39 4.92 -2.73	56.40 4.14 -2.99	53.76 4.03 0.00	42.99 2.58 -0.17	41.10 2.90 0.00	38.19 2.89 0.00	35.48 2.38 0.00
GOWANUS_GT3_5 24126	34.23 2.27 0.00	31.15 2.15 -0.01	28.90 2.02 0.00	27.64 1.83 0.00	27.24 1.76 0.00	27.38 1.55 0.00	27.59 1.73 0.00	26.37 1.70 -4.13	27.56 2.16 0.00	31.84 2.60 0.00	34.28 2.79 -0.82	34.94 2.67 -1.55	38.69 3.30 -2.76	40.80 3.41 -2.96	38.93 3.61 0.00	47.13 4.25 0.00	51.86 4.88 0.00	59.39 4.92 -2.73	56.40 4.14 -2.99	53.76 4.03 0.00	42.99 2.58 -0.17	41.10 2.90 0.00	38.19 2.89 0.00	35.48 2.38 0.00
GOWANUS_GT3_6 24127	34.23 2.27 0.00	31.15 2.15 -0.01	28.90 2.02 0.00	27.64 1.83 0.00	27.24 1.76 0.00	27.38 1.55 0.00	27.59 1.73 0.00	26.37 1.70 -4.13	27.56 2.16 0.00	31.84 2.60 0.00	34.28 2.79 -0.82	34.94 2.67 -1.55	38.69 3.30 -2.76	40.80 3.41 -2.96	38.93 3.61 0.00	47.13 4.25 0.00	51.86 4.88 0.00	59.39 4.92 -2.73	56.40 4.14 -2.99	53.76 4.03 0.00	42.99 2.58 -0.17	41.10 2.90 0.00	38.19 2.89 0.00	35.48 2.38 0.00
GOWANUS_GT3_7 24128	34.23 2.27 0.00	31.15 2.15 -0.01	28.90 2.02 0.00	27.64 1.83 0.00	27.24 1.76 0.00	27.38 1.55 0.00	27.59 1.73 0.00	26.37 1.70 -4.13	27.56 2.16 0.00	31.84 2.60 0.00	34.28 2.79 -0.82	34.94 2.67 -1.55	38.69 3.30 -2.76	40.80 3.41 -2.96	38.93 3.61 0.00	47.13 4.25 0.00	51.86 4.88 0.00	59.39 4.92 -2.73	56.40 4.14 -2.99	53.76 4.03 0.00	42.99 2.58 -0.17	41.10 2.90 0.00	38.19 2.89 0.00	35.48 2.38 0.00
GOWANUS_GT3_8 24129	34.23 2.27 0.00	31.15 2.15 -0.01	28.90 2.02 0.00	27.64 1.83 0.00	27.24 1.76 0.00	27.38 1.55 0.00	27.59 1.73 0.00	26.37 1.70 -4.13	27.56 2.16 0.00	31.84 2.60 0.00	34.28 2.79 -0.82	34.94 2.67 -1.55	38.69 3.30 -2.76	40.80 3.41 -2.96	38.93 3.61 0.00	47.13 4.25 0.00	51.86 4.88 0.00	59.39 4.92 -2.73	56.40 4.14 -2.99	53.76 4.03 0.00	42.99 2.58 -0.17	41.10 2.90 0.00	38.19 2.89 0.00	35.48 2.38 0.00
GOWANUS_GT4_1 24130	34.23 2.27 0.00	31.24 2.23 -0.01	28.93 2.04 0.00	27.61 1.81 0.00	27.19 1.71 0.00	27.41 1.58 0.00	27.56 1.71 0.00</																	

GREENBSH_115KV_TB3 55895	32.88 0.93 0.00	29.93 0.93 0.00	27.72 0.83 0.00	26.63 0.83 0.00	26.25 0.76 0.00	26.60 0.77 0.00	26.66 0.80 0.00	26.63 0.80 -5.30	26.41 1.02 0.00	30.35 1.11 0.00	33.68 1.23 -1.79	35.31 1.23 -3.36	37.42 1.24 -3.54	39.56 1.34 -3.79	36.64 1.31 0.00	44.52 1.63 0.00	48.80 1.83 0.00	59.74 2.07 -5.93	57.59 1.82 -6.49	51.58 1.84 0.00	41.98 1.37 -0.37	39.58 1.38 0.00	36.53 1.24 0.00	34.06 0.96 0.00
GREENDGE_115KV_TB5 80291	32.31 0.35 0.00	29.49 0.49 0.00	27.32 0.43 0.00	25.91 0.10 0.00	25.43 -0.05 0.00	26.27 0.44 0.00	26.17 0.31 0.00	21.55 0.27 -0.75	25.86 0.46 0.00	29.82 0.58 0.00	31.65 0.83 -0.16	31.91 0.89 -0.29	33.47 0.33 -0.50	35.35 0.38 -0.54	35.89 0.57 0.00	43.74 0.86 0.00	48.21 1.03 -0.21	54.70 1.97 -1.00	51.71 1.53 -0.91	51.75 1.64 -0.37	41.96 1.69 -0.03	39.58 1.38 0.00	36.28 0.99 0.00	33.66 0.56 0.00
GREENIDGE___3 23582	32.31 0.35 0.00	29.49 0.49 0.00	27.32 0.43 0.00	25.91 0.10 0.00	25.43 -0.05 0.00	26.27 0.44 0.00	26.17 0.31 0.00	21.55 0.27 -0.75	25.86 0.46 0.00	29.82 0.58 0.00	31.65 0.83 -0.16	31.91 0.89 -0.29	33.47 0.33 -0.50	35.35 0.38 -0.54	35.89 0.57 0.00	43.74 0.86 0.00	48.21 1.03 -0.21	54.70 1.97 -1.00	51.71 1.53 -0.91	51.75 1.64 -0.37	41.96 1.69 -0.03	39.58 1.38 0.00	36.28 0.99 0.00	33.66 0.56 0.00
GREENIDGE___4 23583	32.31 0.35 0.00	29.55 0.55 0.00	27.23 0.35 0.00	25.88 0.08 0.00	25.43 -0.05 0.00	26.19 0.36 0.00	26.14 0.28 0.00	21.55 0.27 -0.75	25.75 0.36 0.00	29.85 0.61 0.00	31.71 0.89 -0.16	31.91 0.89 -0.29	33.47 0.33 -0.50	35.35 0.38 -0.54	35.86 0.53 0.00	43.66 0.77 0.00	47.84 0.66 -0.21	54.49 1.76 -1.00	51.61 1.43 -0.91	51.55 1.44 -0.37	41.89 1.61 -0.03	39.46 1.26 0.00	36.21 0.92 0.00	33.69 0.60 0.00
GREENLWN_69_KV_BK 3 55738	41.33 2.91 -6.46	39.19 2.67 -7.52	37.01 2.50 -7.63	32.82 2.30 -4.72	30.35 2.22 -2.65	30.54 2.25 -2.46	31.32 2.38 -3.08	31.59 2.22 -8.83	34.43 2.79 -6.24	40.50 3.22 -8.05	48.39 3.34 -14.38	49.92 3.10 -16.09	58.60 3.69 -22.27	63.06 3.68 -24.94	62.68 3.89 -23.46	72.55 4.85 -24.82	87.85 5.54 -35.34	60.27 5.85 -2.69	64.09 5.12 -9.70	60.77 4.97 -6.06	52.31 3.54 -8.53	49.04 3.21 -7.63	48.37 3.35 -9.72	46.81 2.98 -10.74
GREENWD_138_KV_38B11_REV_LBMP_J 345004	34.23 2.27 0.00	31.24 2.23 -0.01	28.93 2.04 0.00	27.61 1.81 0.00	27.19 1.71 0.00	27.41 1.58 0.00	27.56 1.71 0.00	26.37 1.70 -4.13	27.56 2.16 0.00	31.84 2.60 0.00	34.28 2.79 -0.82	34.95 2.67 -1.55	38.70 3.30 -2.76	40.80 3.41 -2.96	38.90 3.57 0.00	47.13 4.25 0.00	51.86 4.88 0.00	59.43 4.97 -2.73	56.40 4.14 -2.99	53.72 3.98 0.00	42.99 2.58 -0.17	40.95 2.75 0.00	38.12 2.82 0.00	35.48 2.38 0.00
GRISSOM___SOLAR 323813	35.69 3.74 0.00	32.28 3.28 0.00	29.82 2.93 0.00	28.62 2.81 0.00	28.19 2.70 0.00	28.54 2.71 0.00	28.50 2.64 0.00	29.06 2.24 -6.29	28.14 2.74 0.00	32.42 3.19 0.00	37.52 4.38 -2.47	39.73 4.36 -4.65	40.95 4.11 -4.20	43.24 4.30 -4.50	39.49 4.17 0.00	47.94 5.06 0.00	51.95 4.98 0.00	66.41 6.47 -8.21	64.61 6.36 -8.98	56.25 6.51 0.00	46.50 5.75 -0.51	43.43 5.23 0.00	40.13 4.84 0.00	37.13 4.04 0.00
GROVEVILLE___HYD 323602	34.07 2.11 0.00	30.97 1.97 0.00	28.66 1.77 0.00	27.48 1.68 0.00	27.04 1.55 0.00	27.41 1.58 0.00	27.44 1.58 0.00	26.20 1.52 -4.15	27.33 1.93 0.00	31.52 2.28 0.00	33.92 2.42 -0.83	34.69 2.40 -1.57	38.15 2.74 -2.77	40.26 2.86 -2.97	38.26 2.93 0.00	46.49 3.60 0.00	51.10 4.13 0.00	58.95 4.45 -2.77	56.19 3.89 -3.03	53.57 3.83 0.00	43.03 2.62 -0.17	40.87 2.67 0.00	37.73 2.44 0.00	35.12 2.02 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	31.89 -0.06 0.00	28.88 -0.12 0.00	26.78 -0.11 0.00	25.60 -0.21 0.00	25.23 -0.25 0.00	25.73 -0.10 0.00	25.68 -0.18 0.00	20.87 -0.06 -0.40	25.35 -0.05 0.00	29.24 0.00 0.00	30.82 0.15 0.00	30.94 0.22 0.00	32.97 0.07 -0.26	34.78 0.07 -0.28	35.50 0.18 0.00	43.14 0.26 0.00	47.94 0.28 -0.69	54.03 0.72 -1.57	50.94 0.54 -1.12	51.54 0.60 -1.20	40.85 0.60 0.00	38.66 0.46 0.00	35.61 0.32 0.00	33.16 0.07 0.00
HAMLTNNY_34_KV_TB 80303	32.05 0.10 0.00	29.06 0.06 0.00	26.91 0.03 0.00	25.70 -0.10 0.00	25.31 -0.18 0.00	25.86 0.03 0.00	25.81 -0.05 0.00	20.98 0.02 -0.42	25.47 0.08 0.00	29.38 0.15 0.00	31.02 0.28 -0.08	31.21 0.34 -0.15	33.12 0.20 -0.28	34.94 0.21 -0.30	35.61 0.28 0.00	43.27 0.39 0.00	48.24 0.56 -0.71	54.70 1.09 -1.88	51.55 0.84 -1.44	51.87 0.90 -1.24	41.14 0.89 -0.02	38.93 0.73 0.00	35.82 0.53 0.00	33.33 0.23 0.00
HAMPSHIRE___PAPER_HYD 323593	31.83 -0.13 0.00	28.86 -0.14 0.00	26.73 -0.16 0.00	25.70 -0.10 0.00	25.46 -0.03 0.00	25.68 -0.15 0.00	25.42 -0.44 0.00	20.01 -0.64 -0.11	24.61 -0.79 0.00	28.30 -0.94 0.00	29.62 -1.04 0.00	29.74 -0.98 0.00	31.67 -1.05 -0.07	33.37 -1.14 -0.08	34.06 -1.27 0.00	41.26 -1.63 0.00	45.39 -1.83 -0.25	50.40 -1.91 -0.58	48.26 -1.43 -0.42	48.89 -1.29 -0.45	39.36 -0.89 0.00	37.44 -0.76 0.00	34.83 -0.46 0.00	32.90 -0.20 0.00
HARDSCRABBLE_WT_PWR 323673	31.89 -0.06 0.00	28.94 -0.06 0.00	26.83 -0.05 0.00	25.75 -0.05 0.00	25.43 -0.05 0.00	25.80 -0.03 0.00	25.83 -0.03 0.00	20.53 0.00 0.00	25.42 0.03 0.00	29.29 0.06 0.00	30.94 0.28 0.00	31.00 0.28 0.00	32.90 0.26 0.00	34.67 0.24 0.00	35.43 0.11 0.00	43.06 0.17 0.00	46.92 -0.05 0.00	51.73 0.00 0.00	49.32 0.05 0.00	49.79 0.05 0.00	40.28 0.04 0.00	38.32 0.11 0.00	35.36 0.07 0.00	33.03 -0.07 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	33.68 1.73 0.00	30.57 1.57 0.00	28.34 1.45 0.00	27.15 1.34 0.00	26.73 1.25 0.00	27.10 1.27 0.00	27.20 1.34 0.00	25.70 1.36 -3.81	27.10 1.70 0.00	31.22 1.99 0.00	33.60 2.18 -0.76	34.30 2.15 -1.43	37.66 2.48 -2.54	39.74 2.58 -2.73	38.01 2.68 0.00	46.19 3.30 0.00	50.68 3.71 0.00	58.24 3.98 -2.52	55.43 3.40 -2.76	53.02 3.28 0.00	42.57 2.17 -0.16	40.42 2.22 0.00	37.38 2.08 0.00	34.79 1.69 0.00
HARSNRAD_115KV_TB1 81005	32.34 0.38 0.00	29.29 0.29 0.00	27.13 0.24 0.00	25.31 -0.49 0.00	24.72 -0.76 0.00	26.06 0.23 0.00	25.83 -0.03 0.00	20.93 -0.18 -0.58	25.27 -0.13 0.00	29.03 -0.20 0.00	30.87 0.09 -0.12	31.25 0.31 -0.22	33.03 0.00 -0.39	34.88 0.03 -0.42	35.54 0.21 0.00	43.32 0.43 0.00	47.30 0.33 0.00	53.10 0.98 -0.38	49.84 0.15 -0.42	50.23 0.50 0.00	41.51 1.25 -0.02	39.00 0.80 0.00	35.75 0.46 0.00	33.56 0.46 0.00
HARZA MOOSE___RIVER 24016	32.37 0.42 0.00	29.32 0.32 0.00	27.15 0.27 0.00	26.04 0.23 0.00	25.71 0.23 0.00	26.09 0.26 0.00	26.01 0.16 0.00	20.75 0.08 -0.14	25.55 0.15 0.00	29.44 0.20 0.00	31.06 0.40 0.00	31.19 0.46 0.00	33.22 0.49 -0.09	34.97 0.45 -0.10	35.72 0.39 0.00	43.40 0.51 0.00	47.68 0.52 -0.19	52.96 0.78 -0.45	50.43 0.84 -0.32	51.07 0.99 -0.34	41.17 0.93 0.00	39.04 0.84 0.00	36.04 0.74 0.00	33.56 0.46 0.00

HDSNBRDG_115KV_BRDG_TB1 355580	31.64 -0.32 0.00	28.65 -0.35 0.00	26.62 -0.27 0.00	25.44 -0.36 0.00	25.08 -0.41 0.00	25.57 -0.26 0.00	25.55 -0.31 0.00	20.73 -0.16 -0.36	25.22 -0.18 0.00	29.06 -0.18 0.00	30.57 -0.09 0.00	30.72 0.00 0.00	32.72 -0.16 -0.24	34.51 -0.17 -0.26	35.22 -0.11 0.00	42.80 -0.09 0.00	47.24 -0.09 -0.37	52.83 0.26 -0.84	49.92 0.05 -0.60	50.53 0.15 -0.64	40.44 0.20 0.00	38.32 0.11 0.00	35.29 0.00 0.00	32.87 -0.23 0.00
HELLGATE_13_KV_LD 55870	34.10 2.14 0.00	31.06 2.06 0.00	28.80 1.91 0.00	27.51 1.70 0.00	27.09 1.61 0.00	27.38 1.55 0.00	27.56 1.71 0.00	26.37 1.70 -4.13	27.53 2.13 0.00	31.75 2.51 0.00	34.16 2.67 -0.82	34.85 2.58 -1.55	38.53 3.13 -2.76	40.62 3.24 -2.96	38.72 3.39 0.00	46.92 4.03 0.00	51.62 4.65 0.00	59.12 4.66 -2.73	56.11 3.84 -2.99	53.42 3.68 0.00	42.79 2.37 -0.17	40.80 2.60 0.00	37.87 2.58 0.00	35.32 2.22 0.00
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	34.10 2.14 0.00	31.06 2.06 0.00	28.80 1.91 0.00	27.51 1.70 0.00	27.09 1.61 0.00	27.38 1.55 0.00	27.56 1.71 0.00	26.37 1.70 -4.13	27.53 2.13 0.00	31.75 2.51 0.00	34.16 2.67 -0.82	34.85 2.58 -1.55	38.53 3.13 -2.76	40.62 3.24 -2.96	38.72 3.39 0.00	46.92 4.03 0.00	51.62 4.65 0.00	59.12 4.66 -2.73	56.11 3.84 -2.99	53.42 3.68 0.00	42.79 2.37 -0.17	40.80 2.60 0.00	37.87 2.58 0.00	35.32 2.22 0.00
HEMPSTEAD____ 23647	40.87 2.46 -6.46	38.81 2.29 -7.52	36.64 2.12 -7.63	32.56 2.04 -4.72	30.10 1.96 -2.65	30.17 1.88 -2.46	31.03 2.09 -3.08	31.34 1.97 -8.83	34.09 2.46 -6.23	40.17 2.89 -8.04	48.02 2.97 -14.38	49.89 2.92 -16.24	58.53 3.39 -22.49	62.89 3.51 -24.95	62.43 3.64 -23.47	72.18 4.46 -24.83	89.00 5.07 -36.95	64.81 5.22 -7.85	65.22 4.58 -11.37	61.27 4.53 -7.01	52.94 3.14 -9.55	49.68 3.17 -8.31	48.05 3.04 -9.72	46.34 2.51 -10.73
HEWLETT__69_KV_BK3 55828	41.32 2.91 -6.46	39.22 2.70 -7.52	36.99 2.47 -7.63	32.82 2.30 -4.72	30.33 2.19 -2.65	30.48 2.20 -2.46	31.26 2.33 -3.08	31.55 2.18 -8.83	34.35 2.72 -6.23	40.41 3.13 -8.04	48.18 3.13 -14.38	50.04 3.07 -16.24	58.76 3.62 -22.49	63.13 3.75 -24.95	62.68 3.89 -23.47	72.44 4.72 -24.83	89.19 5.35 -36.86	64.87 5.59 -7.55	65.45 4.88 -11.30	61.57 4.82 -7.01	53.16 3.42 -9.50	49.88 3.36 -8.31	48.30 3.28 -9.72	46.61 2.78 -10.73
HICKLING___1 23621	32.95 0.99 0.00	29.87 0.87 0.00	27.64 0.75 0.00	26.17 0.36 0.00	25.69 0.20 0.00	26.60 0.77 0.00	26.48 0.62 0.00	21.94 0.45 -0.96	26.21 0.81 0.00	30.20 0.96 0.00	32.13 1.26 -0.20	32.49 1.38 -0.38	34.09 0.82 -0.64	35.94 0.83 -0.68	36.60 1.27 0.00	44.60 1.72 0.00	49.29 2.11 -0.21	55.99 3.10 -1.15	52.72 2.37 -1.08	52.64 2.54 -0.36	42.70 2.41 -0.04	40.26 2.06 0.00	36.99 1.69 0.00	34.36 1.26 0.00
HICKLING___2 23622	32.95 0.99 0.00	29.87 0.87 0.00	27.64 0.75 0.00	26.17 0.36 0.00	25.69 0.20 0.00	26.60 0.77 0.00	26.48 0.62 0.00	21.94 0.45 -0.96	26.21 0.81 0.00	30.20 0.96 0.00	32.13 1.26 -0.20	32.49 1.38 -0.38	34.09 0.82 -0.64	35.94 0.83 -0.68	36.60 1.27 0.00	44.60 1.72 0.00	49.29 2.11 -0.21	55.99 3.10 -1.15	52.72 2.37 -1.08	52.64 2.54 -0.36	42.70 2.41 -0.04	40.26 2.06 0.00	36.99 1.69 0.00	34.36 1.26 0.00
HIGH FALLS___HY 23754	33.65 1.69 0.00	30.57 1.57 0.00	28.31 1.42 0.00	27.12 1.32 0.00	26.71 1.22 0.00	27.07 1.24 0.00	27.10 1.24 0.00	25.85 1.23 -4.08	26.95 1.55 0.00	31.08 1.84 0.00	33.56 1.99 -0.90	34.35 1.94 -1.69	37.68 2.32 -2.73	39.69 2.34 -2.92	37.48 2.16 0.00	45.59 2.70 0.00	50.21 3.24 0.00	58.13 3.41 -2.98	55.49 2.96 -3.26	52.62 2.88 0.00	42.40 1.97 -0.18	40.30 2.10 0.00	37.27 1.98 0.00	34.69 1.59 0.00
HILLBURN___GT 23639	33.55 1.60 0.00	30.45 1.45 0.00	28.23 1.34 0.00	27.14 1.34 0.00	26.73 1.25 0.00	26.99 1.16 0.00	27.23 1.37 0.00	25.81 1.40 -3.88	27.13 1.73 0.00	31.25 2.02 0.00	33.67 2.24 -0.77	34.36 2.18 -1.45	37.81 2.58 -2.59	39.89 2.69 -2.78	38.12 2.79 0.00	46.32 3.43 0.00	50.77 3.80 0.00	58.18 3.88 -2.56	55.33 3.25 -2.81	52.92 3.19 0.00	42.49 2.09 -0.16	40.34 2.14 0.00	37.34 2.05 0.00	34.65 1.56 0.00
HILLSIDE_115KV_TB1 80332	32.24 0.29 0.00	29.26 0.26 0.00	27.07 0.19 0.00	25.70 -0.10 0.00	25.20 -0.28 0.00	26.06 0.23 0.00	25.99 0.13 0.00	21.58 0.06 -0.99	25.73 0.33 0.00	29.62 0.38 0.00	31.52 0.64 -0.21	31.86 0.74 -0.40	33.50 0.20 -0.66	35.34 0.21 -0.71	35.96 0.64 0.00	43.79 0.90 0.00	48.27 1.08 -0.22	54.69 1.76 -1.19	51.48 1.08 -1.12	51.36 1.24 -0.38	41.61 1.33 -0.04	39.31 1.11 0.00	36.14 0.85 0.00	33.59 0.50 0.00
HISHELDN_WT_PWR 323625	32.53 0.58 0.00	29.58 0.58 0.00	27.10 0.21 0.00	25.52 -0.28 0.00	25.03 -0.46 0.00	26.16 0.33 0.00	26.04 0.18 0.00	21.20 -0.02 -0.69	25.42 0.03 0.00	29.53 0.29 0.00	31.33 0.52 -0.14	31.69 0.71 -0.26	33.30 0.20 -0.46	35.13 0.21 -0.49	35.86 0.53 0.00	43.70 0.81 0.00	47.21 0.24 0.00	53.60 1.40 -0.46	50.67 0.89 -0.51	50.63 0.90 0.00	41.92 1.65 -0.03	39.39 1.19 0.00	36.14 0.85 0.00	33.96 0.86 0.00
HOLTSVILLE_IC_1 23690	41.35 2.94 -6.46	39.19 2.67 -7.52	37.15 2.64 -7.63	32.97 2.45 -4.72	30.53 2.39 -2.65	30.61 2.33 -2.46	31.55 2.61 -3.08	31.67 2.30 -8.83	34.57 2.94 -6.23	40.64 3.36 -8.04	48.54 3.49 -14.38	51.20 3.44 -17.03	59.86 3.75 -23.47	63.33 3.92 -24.98	62.79 3.99 -23.47	72.62 4.84 -24.89	99.55 5.49 -47.08	97.88 5.79 -40.35	73.39 5.12 -18.99	66.82 5.12 -11.96	59.88 3.66 -15.98	53.94 3.82 -11.92	48.65 3.64 -9.72	46.91 3.08 -10.73
HOLTSVILLE_IC_10 23699	41.67 3.26 -6.46	39.45 2.93 -7.52	37.39 2.88 -7.63	33.21 2.68 -4.72	30.76 2.63 -2.65	30.85 2.56 -2.46	31.78 2.84 -3.08	31.83 2.46 -8.83	34.83 3.20 -6.23	40.93 3.65 -8.04	48.85 3.80 -14.38	51.58 3.78 -17.08	60.32 4.15 -23.54	63.75 4.34 -24.98	63.22 4.42 -23.48	73.14 5.36 -24.89	100.84 6.10 -47.77	100.75 6.47 -42.55	74.54 5.76 -19.51	67.79 5.77 -12.28	60.84 4.18 -16.41	54.66 4.32 -12.15	49.07 4.06 -9.72	47.27 3.44 -10.73
HOLTSVILLE_IC_2 23691	41.35 2.94 -6.46	39.19 2.67 -7.52	37.15 2.64 -7.63	32.97 2.45 -4.72	30.53 2.39 -2.65	30.61 2.33 -2.46	31.55 2.61 -3.08	31.67 2.30 -8.83	34.57 2.94 -6.23	40.64 3.36 -8.04	48.54 3.49 -14.38	51.20 3.44 -17.03	59.86 3.75 -23.47	63.33 3.92 -24.98	62.79 3.99 -23.47	72.62 4.84 -24.89	99.55 5.49 -47.08	97.88 5.79 -40.35	73.39 5.12 -18.99	66.82 5.12 -11.96	59.88 3.66 -15.98	53.94 3.82 -11.92	48.65 3.64 -9.72	46.91 3.08 -10.73
HOLTSVILLE_IC_3 23692	41.35 2.94 -6.46	39.19 2.67 -7.52	37.15 2.64 -7.63	32.97 2.45 -4.72	30.53 2.39 -2.65	30.61 2.33 -2.46	31.55 2.61 -3.08	31.67 2.30 -8.83	34.57 2.94 -6.23	40.64 3.36 -8.04	48.54 3.49 -14.38	51.20 3.44 -17.03	59.86 3.75 -23.47	63.33 3.92 -24.98	62.79 3.99 -23.47	72.62 4.84 -24.89	99.55 5.49 -47.08	97.88 5.79 -40.35	73.39 5.12 -18.99	66.82 5.12 -11.96	59.88 3.66 -15.98	53.94 3.82 -11.92	48.65 3.64 -9.72	46.91 3.08 -10.73

HOLTSVILLE_IC_4 23693	41.35 2.94 -6.46	39.19 2.67 -7.52	37.15 2.64 -7.63	32.97 2.45 -4.72	30.53 2.39 -2.65	30.61 2.33 -2.46	31.55 2.61 -3.08	31.67 2.30 -8.83	34.57 2.94 -6.23	40.64 3.36 -8.04	48.54 3.49 -14.38	51.20 3.44 -17.03	59.86 3.75 -23.47	63.33 3.92 -24.98	62.79 3.99 -23.47	72.62 4.84 -24.89	99.55 5.49 -47.08	97.88 5.79 -40.35	73.39 5.12 -18.99	66.82 5.12 -11.96	59.88 3.66 -15.98	53.94 3.82 -11.92	48.65 3.64 -9.72	46.91 3.08 -10.73
HOLTSVILLE_IC_5 23694	41.35 2.94 -6.46	39.19 2.67 -7.52	37.15 2.64 -7.63	32.97 2.45 -4.72	30.53 2.39 -2.65	30.61 2.33 -2.46	31.55 2.61 -3.08	31.67 2.30 -8.83	34.57 2.94 -6.23	40.64 3.36 -8.04	48.54 3.49 -14.38	51.20 3.44 -17.03	59.86 3.75 -23.47	63.33 3.92 -24.98	62.79 3.99 -23.47	72.62 4.84 -24.89	99.55 5.49 -47.08	97.88 5.79 -40.35	73.39 5.12 -18.99	66.82 5.12 -11.96	59.88 3.66 -15.98	53.94 3.82 -11.92	48.65 3.64 -9.72	46.91 3.08 -10.73
HOLTSVILLE_IC_6 23695	41.67 3.26 -6.46	39.45 2.93 -7.52	37.39 2.88 -7.63	33.21 2.68 -4.72	30.76 2.63 -2.65	30.85 2.56 -2.46	31.78 2.84 -3.08	31.83 2.46 -8.83	34.83 3.20 -6.23	40.93 3.65 -8.04	48.85 3.80 -14.38	51.58 3.78 -17.08	60.32 4.15 -23.54	63.75 4.34 -24.98	63.22 4.42 -23.48	73.14 5.36 -24.89	100.84 6.10 -47.77	100.75 6.47 -42.55	74.54 5.76 -19.51	67.79 5.77 -12.28	60.84 4.18 -16.41	54.66 4.32 -12.15	49.07 4.06 -9.72	47.27 3.44 -10.73
HOLTSVILLE_IC_7 23696	41.67 3.26 -6.46	39.45 2.93 -7.52	37.39 2.88 -7.63	33.21 2.68 -4.72	30.76 2.63 -2.65	30.85 2.56 -2.46	31.78 2.84 -3.08	31.83 2.46 -8.83	34.83 3.20 -6.23	40.93 3.65 -8.04	48.85 3.80 -14.38	51.58 3.78 -17.08	60.32 4.15 -23.54	63.75 4.34 -24.98	63.22 4.42 -23.48	73.14 5.36 -24.89	100.84 6.10 -47.77	100.75 6.47 -42.55	74.54 5.76 -19.51	67.79 5.77 -12.28	60.84 4.18 -16.41	54.66 4.32 -12.15	49.07 4.06 -9.72	47.27 3.44 -10.73
HOLTSVILLE_IC_8 23697	41.67 3.26 -6.46	39.45 2.93 -7.52	37.39 2.88 -7.63	33.21 2.68 -4.72	30.76 2.63 -2.65	30.85 2.56 -2.46	31.78 2.84 -3.08	31.83 2.46 -8.83	34.83 3.20 -6.23	40.93 3.65 -8.04	48.85 3.80 -14.38	51.58 3.78 -17.08	60.32 4.15 -23.54	63.75 4.34 -24.98	63.22 4.42 -23.48	73.14 5.36 -24.89	100.84 6.10 -47.77	100.75 6.47 -42.55	74.54 5.76 -19.51	67.79 5.77 -12.28	60.84 4.18 -16.41	54.66 4.32 -12.15	49.07 4.06 -9.72	47.27 3.44 -10.73
HOLTSVILLE_IC_9 23698	41.67 3.26 -6.46	39.45 2.93 -7.52	37.39 2.88 -7.63	33.21 2.68 -4.72	30.76 2.63 -2.65	30.85 2.56 -2.46	31.78 2.84 -3.08	31.83 2.46 -8.83	34.83 3.20 -6.23	40.93 3.65 -8.04	48.85 3.80 -14.38	51.58 3.78 -17.08	60.32 4.15 -23.54	63.75 4.34 -24.98	63.22 4.42 -23.48	73.14 5.36 -24.89	100.84 6.10 -47.77	100.75 6.47 -42.55	74.54 5.76 -19.51	67.79 5.77 -12.28	60.84 4.18 -16.41	54.66 4.32 -12.15	49.07 4.06 -9.72	47.27 3.44 -10.73
HOMER_HL_115KV_TB2 355744	32.44 0.48 0.00	29.43 0.44 0.00	27.18 0.30 0.00	25.57 -0.23 0.00	25.03 -0.46 0.00	26.24 0.41 0.00	26.17 0.31 0.00	20.99 -0.27 -0.72	25.83 0.43 0.00	29.70 0.47 0.00	31.58 0.77 -0.15	31.96 0.95 -0.28	32.76 -0.36 -0.48	34.57 -0.38 -0.52	36.14 0.81 0.00	44.00 1.12 0.00	48.24 1.27 0.00	54.35 2.12 -0.49	50.89 1.08 -0.54	51.03 1.29 0.00	42.00 1.73 -0.03	39.58 1.38 0.00	36.42 1.13 0.00	33.93 0.83 0.00
HOWARD_WT_PWR 323690	33.04 1.09 0.00	30.01 1.01 0.00	27.58 0.70 0.00	26.06 0.26 0.00	25.56 0.08 0.00	26.55 0.72 0.00	26.48 0.62 0.00	21.70 0.37 -0.80	25.91 0.51 0.00	30.17 0.94 0.00	32.12 1.29 -0.17	32.48 1.44 -0.31	33.96 0.78 -0.53	35.83 0.82 -0.57	36.49 1.16 0.00	44.47 1.59 0.00	48.20 1.08 -0.15	55.32 2.69 -0.89	52.39 2.27 -0.85	52.33 2.34 -0.26	42.89 2.61 -0.03	40.38 2.18 0.00	37.09 1.80 0.00	34.62 1.52 0.00
HQ_GEN_CEDARS 23644	31.96 0.00 0.00	29.03 0.03 0.00	26.89 0.00 0.00	25.91 0.10 0.00	25.71 0.23 0.00	25.83 0.00 0.00	25.78 -0.08 0.00	20.04 -0.49 0.00	24.76 -0.63 0.00	28.48 -0.76 0.00	29.71 -0.95 0.00	29.77 -0.95 0.00	31.69 -0.95 0.00	33.43 -1.00 0.00	34.37 -0.95 0.00	41.56 -1.33 0.00	45.19 -1.78 0.00	49.67 -2.07 0.00	47.74 -1.53 0.00	48.10 -1.64 0.00	39.03 -1.21 0.00	37.09 -1.11 0.00	34.52 -0.78 0.00	32.97 -0.13 0.00
HQ_GEN_CEDARS_PROXY 323590	31.96 0.00 0.00	29.00 0.00 0.00	26.89 0.00 0.00	25.93 0.13 0.00	25.71 0.23 0.00	25.91 0.08 0.00	25.78 -0.08 0.00	20.06 -0.47 0.00	24.79 -0.61 0.00	28.48 -0.76 0.00	29.71 -0.95 0.00	29.77 -0.95 0.00	31.69 -0.95 0.00	33.43 -1.00 0.00	34.38 -0.95 0.00	41.56 -1.33 0.00	45.28 -1.69 0.00	49.77 -1.97 0.00	47.74 -1.53 0.00	48.14 -1.59 0.00	39.04 -1.21 0.00	37.09 -1.11 0.00	34.52 -0.78 0.00	32.97 -0.13 0.00
HQ_GEN_IMPORT 323601	31.64 -0.32 0.00	28.71 -0.29 0.00	26.62 -0.27 0.00	25.65 -0.15 0.00	25.38 -0.10 0.00	25.65 -0.18 0.00	25.65 -0.21 0.00	20.18 -0.35 0.00	24.94 -0.46 0.00	28.68 -0.56 0.00	29.99 -0.67 0.00	30.02 -0.71 0.00	31.92 -0.72 0.00	33.67 -0.76 0.00	34.55 -0.78 0.00	41.90 -0.98 0.00	45.84 -1.13 0.00	50.34 -1.39 0.00	48.14 -1.13 0.00	48.59 -1.14 0.00	39.32 -0.92 0.00	37.32 -0.88 0.00	34.59 -0.71 0.00	32.73 -0.36 0.00
HQ_GEN_WHEEL 23651	31.64 -0.32 0.00	28.71 -0.29 0.00	26.62 -0.27 0.00	25.65 -0.15 0.00	25.38 -0.10 0.00	25.65 -0.18 0.00	25.65 -0.21 0.00	20.18 -0.35 0.00	24.94 -0.46 0.00	28.68 -0.56 0.00	29.99 -0.67 0.00	30.02 -0.71 0.00	31.92 -0.72 0.00	33.67 -0.76 0.00	34.55 -0.78 0.00	41.90 -0.98 0.00	45.84 -1.13 0.00	50.34 -1.39 0.00	48.14 -1.13 0.00	48.59 -1.14 0.00	39.32 -0.92 0.00	37.32 -0.88 0.00	34.59 -0.71 0.00	32.73 -0.36 0.00
HUDSON_AVE_GT_3 23810	34.03 2.08 0.00	30.97 1.97 0.00	28.71 1.83 0.00	27.46 1.65 0.00	27.07 1.58 0.00	27.38 1.55 0.00	27.59 1.73 0.00	26.39 1.72 -4.13	27.61 2.21 0.00	31.81 2.57 0.00	34.19 2.70 -0.82	34.91 2.64 -1.55	38.56 3.17 -2.76	40.66 3.27 -2.96	38.72 3.39 0.00	47.05 4.16 0.00	51.76 4.79 0.00	59.33 4.86 -2.73	56.35 4.09 -2.99	53.72 3.98 0.00	43.03 2.62 -0.17	40.87 2.67 0.00	37.84 2.54 0.00	35.25 2.15 0.00
HUDSON_AVE_GT_4 23540	34.03 2.08 0.00	30.97 1.97 0.00	28.71 1.83 0.00	27.46 1.65 0.00	27.07 1.58 0.00	27.38 1.55 0.00	27.59 1.73 0.00	26.39 1.72 -4.13	27.61 2.21 0.00	31.81 2.57 0.00	34.19 2.70 -0.82	34.91 2.64 -1.55	38.56 3.17 -2.76	40.66 3.27 -2.96	38.72 3.39 0.00	47.05 4.16 0.00	51.76 4.79 0.00	59.33 4.86 -2.73	56.35 4.09 -2.99	53.72 3.98 0.00	43.03 2.62 -0.17	40.87 2.67 0.00	37.84 2.54 0.00	35.25 2.15 0.00
HUDSON_AVE_GT_5 23657	34.03 2.08 0.00	30.97 1.97 0.00	28.71 1.83 0.00	27.46 1.65 0.00	27.07 1.58 0.00	27.38 1.55 0.00	27.59 1.73 0.00	26.39 1.72 -4.13	27.61 2.21 0.00	31.81 2.57 0.00	34.19 2.70 -0.82	34.91 2.64 -1.55	38.56 3.17 -2.76	40.66 3.27 -2.96	38.72 3.39 0.00	47.05 4.16 0.00	51.76 4.79 0.00	59.33 4.86 -2.73	56.35 4.09 -2.99	53.72 3.98 0.00	43.03 2.62 -0.17	40.87 2.67 0.00	37.84 2.54 0.00	35.25 2.15 0.00

HUDSON_AVE_10 24168	34.00 2.05 0.00	30.91 1.91 0.00	28.66 1.77 0.00	27.40 1.60 0.00	27.01 1.53 0.00	27.35 1.52 0.00	27.56 1.71 0.00	26.39 1.72 -4.13	27.61 2.21 0.00	31.78 2.54 0.00	34.16 2.67 -0.82	34.85 2.58 -1.55	38.53 3.13 -2.76	40.62 3.24 -2.96	38.68 3.36 0.00	47.00 4.12 0.00	51.71 4.74 0.00	59.28 4.81 -2.73	56.31 4.04 -2.99	53.67 3.93 0.00	42.99 2.58 -0.17	40.84 2.64 0.00	37.84 2.54 0.00	35.22 2.12 0.00
HUDSON___115KV_TB 4 355613	33.62 1.66 0.00	30.51 1.51 0.00	28.23 1.34 0.00	27.12 1.32 0.00	26.71 1.22 0.00	27.07 1.24 0.00	27.10 1.24 0.00	26.74 1.07 -5.14	26.79 1.40 0.00	30.84 1.61 0.00	33.90 1.66 -1.58	35.42 1.72 -2.97	37.74 1.66 -3.43	39.90 1.79 -3.68	37.09 1.77 0.00	45.07 2.19 0.00	49.46 2.49 0.00	60.04 3.05 -5.25	57.83 2.81 -5.75	52.67 2.93 0.00	42.82 2.25 -0.33	40.45 2.25 0.00	37.34 2.05 0.00	34.79 1.69 0.00
HUNTER MOUNT___DRP 323613	33.84 1.89 0.00	30.74 1.74 0.00	28.39 1.51 0.00	27.27 1.47 0.00	26.86 1.38 0.00	27.22 1.39 0.00	27.23 1.37 0.00	26.59 1.09 -4.97	26.90 1.50 0.00	30.96 1.72 0.00	33.78 1.69 -1.43	35.14 1.72 -2.69	37.52 1.57 -3.32	39.67 1.69 -3.56	37.06 1.73 0.00	44.99 2.10 0.00	49.41 2.44 0.00	59.60 3.10 -4.76	57.44 2.96 -5.21	52.92 3.18 0.00	42.95 2.41 -0.30	40.65 2.44 0.00	37.55 2.26 0.00	34.98 1.89 0.00
HUNTINGTON_RES_REC 323705	41.55 3.13 -6.46	39.36 2.84 -7.52	37.20 2.69 -7.63	33.05 2.53 -4.72	30.61 2.47 -2.65	30.69 2.40 -2.46	31.58 2.64 -3.08	31.73 2.36 -8.83	34.65 3.02 -6.23	40.76 3.48 -8.05	48.66 3.62 -14.38	51.72 3.47 -17.53	61.59 3.98 -24.97	63.47 4.10 -24.95	63.07 4.24 -23.50	73.06 5.19 -24.99	115.50 5.92 -62.61	148.14 6.26 -90.15	85.57 5.61 -30.68	70.72 5.52 -15.46	70.09 4.02 -25.83	56.47 3.90 -14.37	48.83 3.81 -9.72	47.11 3.28 -10.73
HUNTLEY___63 23557	32.50 0.54 0.00	29.41 0.41 0.00	27.21 0.32 0.00	25.42 -0.39 0.00	24.98 -0.51 0.00	26.29 0.46 0.00	25.96 0.10 0.00	21.06 -0.08 -0.60	25.45 0.05 0.00	29.26 0.03 0.00	31.12 0.34 -0.12	31.53 0.58 -0.23	33.24 0.20 -0.40	35.10 0.24 -0.43	35.79 0.46 0.00	43.49 0.60 0.00	47.49 0.52 0.00	53.32 1.19 -0.40	50.05 0.34 -0.44	50.43 0.70 0.00	41.63 1.37 -0.02	39.16 0.96 0.00	36.04 0.74 0.00	33.86 0.76 0.00
HUNTLEY___64 23558	32.50 0.54 0.00	29.41 0.41 0.00	27.21 0.32 0.00	25.42 -0.39 0.00	24.98 -0.51 0.00	26.29 0.46 0.00	25.96 0.10 0.00	21.06 -0.08 -0.60	25.45 0.05 0.00	29.26 0.03 0.00	31.12 0.34 -0.12	31.53 0.58 -0.23	33.24 0.20 -0.40	35.10 0.24 -0.43	35.79 0.46 0.00	43.49 0.60 0.00	47.49 0.52 0.00	53.32 1.19 -0.40	50.05 0.34 -0.44	50.43 0.70 0.00	41.63 1.37 -0.02	39.16 0.96 0.00	36.04 0.74 0.00	33.86 0.76 0.00
HUNTLEY___65 23559	32.50 0.54 0.00	29.41 0.41 0.00	27.21 0.32 0.00	25.42 -0.39 0.00	24.98 -0.51 0.00	26.29 0.46 0.00	25.96 0.10 0.00	21.06 -0.08 -0.60	25.45 0.05 0.00	29.26 0.03 0.00	31.12 0.34 -0.12	31.53 0.58 -0.23	33.24 0.20 -0.40	35.10 0.24 -0.43	35.79 0.46 0.00	43.49 0.60 0.00	47.49 0.52 0.00	53.32 1.19 -0.40	50.05 0.34 -0.44	50.43 0.70 0.00	41.63 1.37 -0.02	39.16 0.96 0.00	36.04 0.74 0.00	33.86 0.76 0.00
HUNTLEY___66 23560	32.50 0.54 0.00	29.41 0.41 0.00	27.21 0.32 0.00	25.42 -0.39 0.00	24.98 -0.51 0.00	26.29 0.46 0.00	25.96 0.10 0.00	21.06 -0.08 -0.60	25.45 0.05 0.00	29.26 0.03 0.00	31.12 0.34 -0.12	31.53 0.58 -0.23	33.24 0.20 -0.40	35.10 0.24 -0.43	35.79 0.46 0.00	43.49 0.60 0.00	47.49 0.52 0.00	53.32 1.19 -0.40	50.05 0.34 -0.44	50.43 0.70 0.00	41.63 1.37 -0.02	39.16 0.96 0.00	36.04 0.74 0.00	33.86 0.76 0.00
HUNTLEY___67 23561	32.28 0.32 0.00	29.20 0.20 0.00	27.02 0.13 0.00	25.26 -0.54 0.00	24.77 -0.71 0.00	26.09 0.26 0.00	25.86 0.00 0.00	20.99 -0.16 -0.62	25.35 -0.05 0.00	29.12 -0.12 0.00	30.94 0.15 -0.12	31.32 0.37 -0.23	33.02 -0.03 -0.41	34.87 0.00 -0.44	35.61 0.28 0.00	43.44 0.56 0.00	47.44 0.47 0.00	53.23 1.09 -0.41	49.97 0.25 -0.45	50.33 0.60 0.00	41.55 1.29 -0.03	39.04 0.84 0.00	35.82 0.53 0.00	33.59 0.50 0.00
HUNTLEY___68 23562	32.28 0.32 0.00	29.20 0.20 0.00	27.02 0.13 0.00	25.26 -0.54 0.00	24.77 -0.71 0.00	26.09 0.26 0.00	25.86 0.00 0.00	20.99 -0.16 -0.62	25.35 -0.05 0.00	29.12 -0.12 0.00	30.94 0.15 -0.12	31.32 0.37 -0.23	33.02 -0.03 -0.41	34.87 0.00 -0.44	35.61 0.28 0.00	43.44 0.56 0.00	47.44 0.47 0.00	53.23 1.09 -0.41	49.97 0.25 -0.45	50.33 0.60 0.00	41.55 1.29 -0.03	39.04 0.84 0.00	35.82 0.53 0.00	33.59 0.50 0.00
HYLAND___LFGE 323620	33.97 2.01 0.00	30.83 1.83 0.00	28.34 1.45 0.00	26.76 0.96 0.00	26.22 0.74 0.00	27.22 1.39 0.00	26.99 1.14 0.00	22.02 0.82 -0.66	26.29 0.89 0.00	29.94 0.70 0.00	31.57 0.77 -0.13	31.87 0.89 -0.25	33.28 0.20 -0.44	34.87 -0.03 -0.48	33.56 -1.77 0.00	40.49 -2.40 0.00	44.39 -2.58 0.00	50.58 -1.60 -0.45	48.87 -0.89 -0.49	49.89 0.15 0.00	41.44 1.17 -0.03	39.04 0.84 0.00	37.48 2.19 0.00	35.71 2.61 0.00
INDECK___CORINTH 23802	33.94 1.98 0.00	30.74 1.74 0.00	28.44 1.56 0.00	27.30 1.50 0.00	26.89 1.40 0.00	27.17 1.34 0.00	27.23 1.37 0.00	27.33 1.27 -5.52	27.03 1.63 0.00	31.22 1.99 0.00	35.31 1.99 -2.65	37.71 2.00 -4.99	38.18 1.86 -3.68	40.20 1.82 -3.95	37.02 1.70 0.00	44.94 2.06 0.00	49.36 2.39 0.00	63.55 3.00 -8.82	62.08 3.16 -9.65	52.92 3.19 0.00	44.01 3.22 -0.55	41.10 2.90 0.00	37.87 2.58 0.00	35.15 2.05 0.00
INDECK___ILION 23567	31.99 0.03 0.00	29.03 0.03 0.00	26.91 0.03 0.00	25.83 0.03 0.00	25.49 0.00 0.00	25.88 0.05 0.00	25.88 0.03 0.00	20.60 0.06 0.00	25.50 0.10 0.00	29.35 0.12 0.00	30.91 0.25 0.00	30.97 0.25 0.00	32.90 0.26 0.00	34.70 0.28 0.00	35.54 0.21 0.00	43.19 0.30 0.00	47.21 0.23 0.00	51.99 0.26 0.00	49.52 0.25 0.00	49.98 0.25 0.00	40.44 0.20 0.00	38.43 0.23 0.00	35.47 0.18 0.00	33.16 0.07 0.00
INDECK___OLEAN 23982	32.44 0.48 0.00	29.52 0.52 0.00	27.08 0.19 0.00	25.55 -0.26 0.00	25.03 -0.46 0.00	26.14 0.31 0.00	26.17 0.31 0.00	20.99 -0.27 -0.72	25.09 -0.30 0.00	29.76 0.53 0.00	31.58 0.77 -0.15	31.96 0.95 -0.28	32.76 -0.36 -0.48	34.57 -0.38 -0.52	36.10 0.78 0.00	43.96 1.07 0.00	46.50 -0.47 0.00	54.09 1.86 -0.49	50.99 1.18 -0.54	50.78 1.05 0.00	42.00 1.73 -0.03	39.54 1.34 0.00	36.35 1.06 0.00	33.99 0.89 0.00
INDECK___OSWEGO 23783	31.28 -0.67 0.00	28.36 -0.64 0.00	26.24 -0.65 0.00	25.11 -0.70 0.00	24.75 -0.74 0.00	25.18 -0.64 0.00	25.19 -0.67 0.00	20.41 -0.43 -0.30	24.86 -0.53 0.00	28.65 -0.58 0.00	30.14 -0.52 0.00	30.26 -0.46 0.00	32.26 -0.59 -0.20	34.03 -0.62 -0.22	34.69 -0.63 0.00	41.77 -1.12 0.00	47.37 -1.22 -1.62	54.37 -1.09 -3.72	50.85 -1.08 -2.66	51.54 -1.05 -2.85	39.52 -0.72 0.00	37.47 -0.73 0.00	34.80 -0.49 0.00	32.47 -0.63 0.00

INDECK___YERKES 23781	32.53 0.58 0.00	29.61 0.61 0.00	27.08 0.19 0.00	25.47 -0.34 0.00	24.92 -0.56 0.00	26.16 0.33 0.00	25.96 0.10 0.00	21.08 -0.06 -0.60	25.37 -0.03 0.00	29.38 0.15 0.00	31.18 0.40 -0.12	31.60 0.65 -0.23	33.27 0.23 -0.40	35.10 0.24 -0.43	35.79 0.46 0.00	43.40 0.52 0.00	46.97 0.00 0.00	53.07 0.93 -0.40	50.15 0.44 -0.44	50.13 0.40 0.00	41.67 1.41 -0.02	39.31 1.11 0.00	36.00 0.71 0.00	33.93 0.83 0.00
INDIAN POINT_GT_1 24139	33.75 1.79 0.00	30.68 1.68 0.00	28.45 1.56 0.00	27.25 1.45 0.00	26.86 1.38 0.00	27.17 1.34 0.00	27.33 1.47 0.00	26.11 1.50 -4.08	27.28 1.88 0.00	31.43 2.19 0.00	33.81 2.33 -0.81	34.53 2.27 -1.53	38.10 2.74 -2.72	40.17 2.82 -2.92	38.26 2.93 0.00	46.49 3.60 0.00	51.10 4.13 0.00	58.62 4.19 -2.70	55.77 3.55 -2.95	53.17 3.43 0.00	42.74 2.33 -0.17	40.57 2.37 0.00	37.48 2.19 0.00	34.85 1.75 0.00
INDIAN POINT_GT_2 23659	33.75 1.79 0.00	30.68 1.68 0.00	28.45 1.56 0.00	27.25 1.45 0.00	26.86 1.38 0.00	27.17 1.34 0.00	27.33 1.47 0.00	26.11 1.50 -4.08	27.28 1.88 0.00	31.43 2.19 0.00	33.81 2.33 -0.81	34.53 2.27 -1.53	38.10 2.74 -2.72	40.17 2.82 -2.92	38.26 2.93 0.00	46.49 3.60 0.00	51.10 4.13 0.00	58.62 4.19 -2.70	55.77 3.55 -2.95	53.17 3.43 0.00	42.74 2.33 -0.17	40.57 2.37 0.00	37.48 2.19 0.00	34.85 1.75 0.00
INDIAN POINT_GT_3 24019	33.75 1.79 0.00	30.68 1.68 0.00	28.45 1.56 0.00	27.25 1.45 0.00	26.86 1.38 0.00	27.17 1.34 0.00	27.33 1.47 0.00	26.11 1.50 -4.08	27.28 1.88 0.00	31.43 2.19 0.00	33.81 2.33 -0.81	34.53 2.27 -1.53	38.10 2.74 -2.72	40.17 2.82 -2.92	38.26 2.93 0.00	46.49 3.60 0.00	51.10 4.13 0.00	58.62 4.19 -2.70	55.77 3.55 -2.95	53.17 3.43 0.00	42.74 2.33 -0.17	40.57 2.37 0.00	37.48 2.19 0.00	34.85 1.75 0.00
INDIAN POINT___2 23530	33.68 1.72 0.00	30.59 1.59 0.00	28.36 1.48 0.00	27.25 1.44 0.00	26.83 1.35 0.00	27.09 1.27 0.00	27.30 1.45 0.00	26.00 1.46 -4.00	27.23 1.83 0.00	31.37 2.13 0.00	33.73 2.27 -0.80	34.44 2.21 -1.50	37.96 2.64 -2.67	40.02 2.72 -2.87	38.16 2.83 0.00	46.36 3.47 0.00	50.96 3.99 0.00	58.42 4.04 -2.65	55.62 3.45 -2.90	53.12 3.38 0.00	42.66 2.25 -0.16	40.49 2.29 0.00	37.45 2.15 0.00	34.78 1.69 0.00
INDIAN POINT___3 23531	33.68 1.73 0.00	30.62 1.62 0.00	28.39 1.51 0.00	27.22 1.42 0.00	26.81 1.33 0.00	27.15 1.32 0.00	27.28 1.42 0.00	26.09 1.48 -4.08	27.25 1.85 0.00	31.37 2.13 0.00	33.75 2.27 -0.81	34.46 2.21 -1.53	37.97 2.61 -2.72	40.07 2.72 -2.92	38.15 2.83 0.00	46.32 3.43 0.00	50.96 3.99 0.00	58.47 4.04 -2.70	55.68 3.45 -2.96	53.07 3.33 0.00	42.62 2.21 -0.17	40.45 2.25 0.00	37.41 2.12 0.00	34.82 1.72 0.00
INGHAM_C_115KV_TB7 356103	31.83 -0.13 0.00	28.88 -0.12 0.00	26.75 -0.13 0.00	25.67 -0.13 0.00	25.36 -0.13 0.00	25.73 -0.10 0.00	25.75 -0.10 0.00	20.49 -0.04 0.00	25.35 -0.05 0.00	29.21 -0.03 0.00	30.88 0.21 0.00	30.91 0.18 0.00	32.80 0.16 0.00	34.60 0.17 0.00	35.36 0.04 0.00	42.97 0.09 0.00	46.83 -0.14 0.00	51.63 -0.10 0.00	49.22 -0.05 0.00	49.69 -0.05 0.00	40.20 -0.04 0.00	38.24 0.04 0.00	35.29 0.00 0.00	33.00 -0.10 0.00
IP CORINTH___1 23988	34.10 2.14 0.00	30.91 1.91 0.00	28.55 1.67 0.00	27.43 1.63 0.00	27.01 1.53 0.00	27.33 1.50 0.00	27.36 1.50 0.00	27.43 1.38 -5.52	27.18 1.78 0.00	31.37 2.13 0.00	35.47 2.15 -2.65	37.90 2.18 -4.99	38.38 2.06 -3.68	40.41 2.03 -3.95	37.24 1.91 0.00	45.20 2.32 0.00	49.65 2.68 0.00	63.86 3.31 -8.82	62.37 3.45 -9.65	53.12 3.38 0.00	44.25 3.46 -0.55	41.29 3.09 0.00	38.05 2.75 0.00	35.35 2.25 0.00
IP___TICONDEROGA 23804	36.18 4.22 0.00	32.68 3.68 0.00	30.06 3.17 0.00	28.85 3.04 0.00	28.39 2.91 0.00	28.72 2.89 0.00	28.62 2.77 0.00	28.47 2.42 -5.51	28.55 3.15 0.00	33.07 3.83 0.00	37.47 4.17 -2.64	39.99 4.30 -4.96	40.37 4.05 -3.68	42.64 4.27 -3.95	39.50 4.17 0.00	47.86 4.97 0.00	52.51 5.54 0.00	67.79 7.29 -8.76	65.96 7.10 -9.59	56.75 7.01 0.00	47.51 6.72 -0.54	44.16 5.96 0.00	40.59 5.29 0.00	37.50 4.40 0.00
ISLIP_RES_REC 323679	41.90 3.48 -6.46	39.65 3.13 -7.52	37.55 3.04 -7.63	33.36 2.84 -4.72	30.91 2.78 -2.65	31.00 2.71 -2.46	31.93 3.00 -3.08	31.98 2.61 -8.83	35.01 3.38 -6.23	41.20 3.92 -8.04	49.16 4.11 -14.38	51.89 4.09 -17.07	60.59 4.51 -23.44	64.17 4.75 -24.99	63.64 4.84 -23.48	73.65 5.88 -24.89	100.41 6.62 -46.82	98.26 7.03 -39.49	74.37 6.31 -18.79	68.25 6.32 -12.19	60.64 4.59 -15.81	54.99 4.70 -12.09	49.39 4.38 -9.72	47.54 3.71 -10.73
JAMAICA__27_KV_LOAD 355505	34.32 2.36 0.00	31.20 2.20 0.00	28.93 2.04 0.00	27.61 1.81 0.00	27.22 1.73 0.00	27.56 1.73 0.00	27.82 1.97 0.00	26.62 1.95 -4.13	27.92 2.51 -0.01	32.17 2.92 -0.01	34.43 2.94 -0.82	35.16 2.89 -1.55	38.86 3.46 -2.76	41.00 3.62 -2.96	39.04 3.71 0.00	47.52 4.63 0.00	52.28 5.31 0.00	59.90 5.43 -2.73	56.90 4.63 -2.99	54.26 4.53 0.00	43.47 3.06 -0.17	41.26 3.06 0.00	38.29 3.00 0.00	35.58 2.48 0.00
JANIS___SOLAR 323808	33.59 1.63 0.00	30.42 1.42 0.00	28.10 1.21 0.00	26.81 1.01 0.00	26.40 0.92 0.00	26.99 1.16 0.00	26.94 1.09 0.00	22.40 0.86 -1.00	26.46 1.07 0.00	30.49 1.26 0.00	32.49 1.56 -0.26	32.75 1.54 -0.49	34.62 1.31 -0.67	36.53 1.38 -0.72	36.70 1.38 0.00	44.73 1.84 0.00	49.50 2.21 -0.33	56.71 3.36 -1.61	54.15 3.40 -1.48	54.04 3.73 -0.57	43.68 3.38 -0.05	41.22 3.02 0.00	37.84 2.54 0.00	34.95 1.85 0.00
JARVIS____ 23743	32.02 0.06 0.00	29.06 0.06 0.00	26.94 0.05 0.00	25.86 0.05 0.00	25.51 0.03 0.00	25.88 0.05 0.00	25.91 0.05 0.00	20.62 0.08 0.00	25.50 0.10 0.00	29.38 0.15 0.00	30.85 0.19 0.00	30.91 0.19 0.00	32.84 0.20 0.00	34.64 0.21 0.00	35.54 0.21 0.00	43.15 0.26 0.00	47.25 0.28 0.00	52.05 0.31 0.00	49.52 0.25 0.00	49.99 0.25 0.00	40.44 0.20 0.00	38.39 0.19 0.00	35.47 0.18 0.00	33.16 0.07 0.00
JENNISON___1 23625	33.81 1.85 0.00	30.59 1.59 0.00	28.34 1.45 0.00	27.04 1.24 0.00	26.66 1.17 0.00	27.25 1.42 0.00	27.18 1.32 0.00	22.86 1.07 -1.26	26.85 1.45 0.00	30.93 1.70 0.00	33.13 2.09 -0.38	33.57 2.12 -0.72	35.54 2.06 -0.84	37.47 2.13 -0.90	37.55 2.23 0.00	45.76 2.87 0.00	50.58 3.38 -0.23	57.68 4.14 -1.80	54.89 3.84 -1.77	54.27 4.13 -0.40	43.86 3.54 -0.08	41.45 3.25 0.00	38.08 2.79 0.00	35.15 2.05 0.00
JENNISON___2 23626	33.81 1.85 0.00	30.59 1.59 0.00	28.34 1.45 0.00	27.04 1.24 0.00	26.66 1.17 0.00	27.25 1.42 0.00	27.18 1.32 0.00	22.86 1.07 -1.26	26.85 1.45 0.00	30.93 1.70 0.00	33.13 2.09 -0.38	33.57 2.12 -0.72	35.54 2.06 -0.84	37.47 2.13 -0.90	37.55 2.23 0.00	45.76 2.87 0.00	50.58 3.38 -0.23	57.68 4.14 -1.80	54.89 3.84 -1.77	54.27 4.13 -0.40	43.86 3.54 -0.08	41.45 3.25 0.00	38.08 2.79 0.00	35.15 2.05 0.00

JERICO_RISE_WT_PWR 323719	31.93 -0.03 0.00	28.97 -0.03 0.00	26.86 -0.03 0.00	25.91 0.10 0.00	25.69 0.20 0.00	25.91 0.08 0.00	25.88 0.03 0.00	20.31 -0.23 0.00	25.12 -0.28 0.00	28.83 -0.41 0.00	30.02 -0.65 0.00	30.05 -0.68 0.00	31.95 -0.69 0.00	33.74 -0.69 0.00	34.69 -0.63 0.00	41.98 -0.90 0.00	45.80 -1.17 0.00	50.39 -1.35 0.00	48.29 -0.99 0.00	48.69 -1.05 0.00	39.44 -0.80 0.00	37.44 -0.76 0.00	34.69 -0.60 0.00	32.90 -0.20 0.00
KATONAH__115KV_46KV_TB4 355592	34.03 2.08 0.00	30.97 1.97 0.00	28.71 1.83 0.00	27.48 1.68 0.00	27.07 1.58 0.00	27.38 1.55 0.00	27.49 1.63 0.00	26.40 1.66 -4.20	27.51 2.11 0.00	31.75 2.51 0.00	34.20 2.70 -0.84	34.94 2.64 -1.58	38.71 3.26 -2.80	40.88 3.44 -3.01	38.83 3.50 0.00	47.22 4.33 0.00	51.90 4.93 0.00	59.38 4.86 -2.78	56.56 4.24 -3.05	53.81 4.08 0.00	43.31 2.90 -0.17	41.07 2.87 0.00	37.80 2.51 0.00	35.12 2.02 0.00
KCE_NY_1 323755	34.13 2.17 0.00	30.97 1.97 0.00	28.69 1.80 0.00	27.53 1.73 0.00	27.14 1.66 0.00	27.43 1.60 0.00	27.49 1.63 0.00	27.49 1.46 -5.50	27.23 1.83 0.00	31.43 2.19 0.00	35.58 2.30 -2.62	38.01 2.37 -4.92	38.63 2.32 -3.67	40.81 2.44 -3.94	37.70 2.37 0.00	45.84 2.96 0.00	50.31 3.34 0.00	64.35 3.93 -8.69	62.53 3.74 -9.51	53.51 3.78 0.00	44.04 3.26 -0.54	41.22 3.02 0.00	38.05 2.75 0.00	35.38 2.28 0.00
KCE_NY_6_ESR 323823	32.66 0.70 0.00	29.69 0.69 0.00	27.21 0.32 0.00	25.55 -0.26 0.00	25.05 -0.43 0.00	26.29 0.47 0.00	26.14 0.28 0.00	21.16 -0.02 -0.64	25.42 0.03 0.00	29.61 0.38 0.00	31.44 0.64 -0.13	31.83 0.86 -0.24	33.33 0.26 -0.43	35.16 0.27 -0.46	36.07 0.74 0.00	43.96 1.07 0.00	47.34 0.37 0.00	53.82 1.66 -0.43	50.88 1.13 -0.47	50.78 1.05 0.00	42.16 1.89 -0.03	39.57 1.37 0.00	36.32 1.02 0.00	34.12 1.03 0.00
KEDC_PORT_JEFF_GT2 24210	41.55 3.13 -6.46	39.36 2.84 -7.52	37.28 2.77 -7.63	33.10 2.58 -4.72	30.66 2.52 -2.65	30.74 2.46 -2.46	31.68 2.74 -3.08	31.77 2.40 -8.83	34.70 3.07 -6.23	40.82 3.54 -8.04	48.76 3.71 -14.38	51.49 3.65 -17.11	60.25 3.95 -23.66	63.33 3.92 -24.98	62.80 3.99 -23.48	72.68 4.89 -24.90	101.59 5.54 -49.08	104.29 5.79 -46.76	74.94 5.17 -20.50	67.36 5.12 -12.50	61.39 3.90 -17.25	54.59 4.09 -12.30	48.93 3.92 -9.72	47.14 3.31 -10.73
KEDC_PORT_JEFF_GT3 24211	41.55 3.13 -6.46	39.36 2.84 -7.52	37.28 2.77 -7.63	33.10 2.58 -4.72	30.66 2.52 -2.65	30.74 2.46 -2.46	31.68 2.74 -3.08	31.77 2.40 -8.83	34.70 3.07 -6.23	40.82 3.54 -8.04	48.76 3.71 -14.38	51.49 3.65 -17.11	60.25 3.95 -23.66	63.33 3.92 -24.98	62.80 3.99 -23.48	72.68 4.89 -24.90	101.59 5.54 -49.08	104.29 5.79 -46.76	74.94 5.17 -20.50	67.36 5.12 -12.50	61.39 3.90 -17.25	54.59 4.09 -12.30	48.93 3.92 -9.72	47.14 3.31 -10.73
KEDC_GLWD_GT4 24219	40.78 2.36 -6.46	38.81 2.29 -7.52	36.64 2.12 -7.63	32.56 2.04 -4.72	30.07 1.94 -2.65	30.17 1.88 -2.46	31.01 2.07 -3.08	31.34 1.97 -8.83	34.09 2.46 -6.23	40.17 2.89 -8.04	47.93 2.88 -14.38	49.79 2.82 -16.24	58.50 3.36 -22.49	62.89 3.51 -24.95	62.43 3.64 -23.47	72.18 4.46 -24.83	89.00 5.07 -36.95	64.76 5.17 -7.85	65.17 4.53 -11.37	61.17 4.42 -7.01	52.85 3.06 -9.56	49.57 3.06 -8.31	47.87 2.86 -9.72	46.18 2.35 -10.73
KEDC_GLWD_GT5 24220	40.78 2.36 -6.46	38.81 2.29 -7.52	36.64 2.12 -7.63	32.56 2.04 -4.72	30.07 1.94 -2.65	30.17 1.88 -2.46	31.01 2.07 -3.08	31.34 1.97 -8.83	34.09 2.46 -6.23	40.17 2.89 -8.04	47.93 2.88 -14.38	49.79 2.82 -16.24	58.50 3.36 -22.49	62.89 3.51 -24.95	62.43 3.64 -23.47	72.18 4.46 -24.83	89.00 5.07 -36.95	64.76 5.17 -7.85	65.17 4.53 -11.37	61.17 4.42 -7.01	52.85 3.06 -9.56	49.57 3.06 -8.31	47.87 2.86 -9.72	46.18 2.35 -10.73
KENSICO____ 23655	33.87 1.92 0.00	30.80 1.80 0.00	28.55 1.67 0.00	27.35 1.55 0.00	26.94 1.45 0.00	27.28 1.45 0.00	27.44 1.58 0.00	26.23 1.58 -4.12	27.40 2.01 0.00	31.54 2.31 0.00	33.97 2.48 -0.82	34.66 2.40 -1.54	38.26 2.87 -2.75	40.37 3.00 -2.95	38.40 3.07 0.00	46.66 3.77 0.00	51.34 4.37 0.00	58.91 4.45 -2.73	56.05 3.79 -2.98	53.42 3.68 0.00	42.91 2.49 -0.17	40.68 2.48 0.00	37.62 2.33 0.00	34.98 1.89 0.00
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	33.75 1.79 0.00	30.62 1.62 0.00	28.34 1.45 0.00	27.17 1.37 0.00	26.76 1.27 0.00	27.12 1.29 0.00	27.15 1.29 0.00	25.59 1.25 -3.81	27.00 1.60 0.00	31.11 1.87 0.00	33.50 2.02 -0.81	34.25 2.00 -1.53	37.50 2.32 -2.54	39.53 2.38 -2.73	37.45 2.12 0.00	45.55 2.66 0.00	50.16 3.19 0.00	57.85 3.41 -2.70	55.18 2.96 -2.95	52.62 2.88 0.00	42.54 2.13 -0.17	40.42 2.22 0.00	37.34 2.05 0.00	34.75 1.65 0.00
KIAC_JFK_GT1 23816	34.23 2.27 0.00	31.12 2.12 0.00	28.85 1.96 0.00	27.56 1.75 0.00	27.14 1.66 0.00	27.51 1.68 0.00	27.75 1.89 0.00	26.57 1.91 -4.13	27.87 2.46 -0.01	32.11 2.87 -0.01	34.34 2.85 -0.82	35.04 2.77 -1.55	38.73 3.33 -2.76	40.86 3.48 -2.96	38.90 3.57 0.00	47.30 4.42 0.00	52.09 5.12 0.00	59.75 5.28 -2.73	56.75 4.48 -2.99	54.11 4.38 0.00	43.31 2.90 -0.17	41.10 2.90 0.00	38.19 2.89 0.00	35.48 2.38 0.00
KIAC_JFK_GT2 23817	34.23 2.27 0.00	31.12 2.12 0.00	28.85 1.96 0.00	27.56 1.75 0.00	27.14 1.66 0.00	27.51 1.68 0.00	27.75 1.89 0.00	26.57 1.91 -4.13	27.87 2.46 -0.01	32.11 2.87 -0.01	34.34 2.85 -0.82	35.04 2.77 -1.55	38.73 3.33 -2.76	40.86 3.48 -2.96	38.90 3.57 0.00	47.30 4.42 0.00	52.09 5.12 0.00	59.75 5.28 -2.73	56.75 4.48 -2.99	54.11 4.38 0.00	43.31 2.90 -0.17	41.10 2.90 0.00	38.19 2.89 0.00	35.48 2.38 0.00
KIAC_JFK____ 323774	34.23 2.27 0.00	31.09 2.09 0.00	28.82 1.94 0.00	27.58 1.78 0.00	27.22 1.73 0.00	27.48 1.65 0.00	27.80 1.94 0.00	26.57 1.91 -4.13	27.84 2.44 -0.01	32.11 2.87 -0.01	34.34 2.85 -0.82	35.04 2.77 -1.55	38.73 3.33 -2.76	40.86 3.48 -2.96	38.93 3.61 0.00	47.35 4.46 0.00	52.09 5.12 0.00	59.69 5.22 -2.73	56.75 4.48 -2.99	54.16 4.42 0.00	43.35 2.94 -0.17	41.18 2.98 0.00	38.26 2.97 0.00	35.48 2.38 0.00
KINTIGH____ 23543	31.99 0.03 0.00	28.94 -0.06 0.00	26.83 -0.05 0.00	25.13 -0.67 0.00	24.69 -0.79 0.00	25.88 0.05 0.00	25.65 -0.21 0.00	20.94 -0.12 -0.53	25.17 -0.23 0.00	28.97 -0.26 0.00	30.71 -0.06 -0.10	31.04 0.12 -0.19	33.06 0.07 -0.36	34.95 0.14 -0.38	35.40 0.07 0.00	43.14 0.26 0.00	47.16 0.19 0.00	52.75 0.67 -0.34	49.65 0.00 -0.37	50.03 0.30 0.00	41.19 0.93 -0.02	38.74 0.53 0.00	35.51 0.21 0.00	33.26 0.17 0.00
KNTFSRNC_46_KV_46KV_LOAD 80397	32.37 0.42 0.00	29.35 0.35 0.00	27.18 0.30 0.00	26.19 0.39 0.00	25.99 0.51 0.00	26.17 0.34 0.00	26.19 0.34 0.00	20.55 0.02 0.00	25.42 0.03 0.00	29.21 -0.03 0.00	30.36 -0.31 0.00	30.45 -0.28 0.00	32.38 -0.26 0.00	34.19 -0.24 0.00	35.22 -0.11 0.00	42.59 -0.30 0.00	46.27 -0.70 0.00	50.96 -0.78 0.00	49.03 -0.25 0.00	49.39 -0.35 0.00	40.08 -0.16 0.00	38.01 -0.19 0.00	35.19 -0.11 0.00	33.30 0.20 0.00

LACHUTE___HYDRO 323717	36.18 4.22 0.00	32.65 3.65 0.00	30.06 3.17 0.00	28.85 3.04 0.00	28.41 2.93 0.00	28.67 2.84 0.00	28.65 2.79 0.00	28.47 2.42 -5.51	28.52 3.12 0.00	33.06 3.83 0.00	37.47 4.17 -2.64	39.99 4.30 -4.96	40.37 4.05 -3.68	42.64 4.27 -3.95	39.49 4.17 0.00	47.86 4.97 0.00	52.51 5.54 0.00	67.74 7.24 -8.76	65.91 7.05 -9.59	56.80 7.06 0.00	47.51 6.72 -0.54	44.20 6.00 0.00	40.62 5.33 0.00	37.53 4.44 0.00
LAWRNCV_115KV_TB1 80681	31.83 -0.13 0.00	28.88 -0.12 0.00	26.75 -0.13 0.00	25.80 0.00 0.00	25.61 0.13 0.00	25.65 -0.18 0.00	25.44 -0.41 0.00	19.73 -0.80 0.00	24.41 -0.99 0.00	28.07 -1.17 0.00	29.32 -1.35 0.00	29.37 -1.35 0.00	31.24 -1.40 0.00	32.95 -1.48 0.00	33.81 -1.52 0.00	40.91 -1.97 0.00	44.59 -2.49 -0.11	49.20 -2.79 -0.26	47.29 -2.17 -0.18	47.70 -2.24 -0.20	38.55 -1.69 0.00	36.75 -1.45 0.00	34.38 -0.92 0.00	32.83 -0.26 0.00
LEDERLE___ 23769	33.78 1.82 0.00	30.68 1.68 0.00	28.42 1.53 0.00	27.25 1.45 0.00	26.84 1.35 0.00	27.17 1.34 0.00	27.31 1.45 0.00	25.96 1.50 -3.93	27.28 1.88 0.00	31.43 2.19 0.00	33.78 2.33 -0.78	34.47 2.27 -1.47	37.94 2.68 -2.62	40.03 2.79 -2.81	38.23 2.90 0.00	46.40 3.52 0.00	51.01 4.04 0.00	58.52 4.19 -2.60	55.66 3.55 -2.84	53.17 3.43 0.00	42.70 2.29 -0.16	40.53 2.33 0.00	37.48 2.19 0.00	34.85 1.75 0.00
LIGHTHSE_115KV_TB6 355974	31.67 -0.29 0.00	28.68 -0.32 0.00	26.59 -0.30 0.00	25.44 -0.36 0.00	25.08 -0.41 0.00	25.55 -0.28 0.00	25.47 -0.39 0.00	20.55 -0.27 -0.28	25.09 -0.30 0.00	28.91 -0.32 0.00	30.42 -0.25 0.00	30.54 -0.18 0.00	32.57 -0.26 -0.19	34.32 -0.31 -0.20	34.94 -0.39 0.00	42.29 -0.60 0.00	47.20 -0.66 -0.89	53.40 -0.36 -2.03	50.38 -0.34 -1.45	51.20 -0.10 -1.56	40.28 0.04 0.00	38.32 0.11 0.00	35.36 0.07 0.00	32.90 -0.20 0.00
LINDEN COGEN___ 23786	32.11 1.79 1.63	30.65 1.65 0.00	28.44 1.56 0.00	27.27 1.47 0.00	26.89 1.40 0.00	27.12 1.29 0.00	27.41 1.55 0.00	26.22 1.56 -4.13	27.38 1.98 0.00	31.54 2.31 0.00	31.35 2.42 1.74	31.71 2.37 1.38	31.61 2.87 3.90	33.42 2.92 3.93	34.06 3.07 4.34	35.84 3.73 10.78	36.22 4.27 15.02	39.17 4.24 16.81	35.81 3.59 17.06	33.59 3.48 19.63	33.74 2.21 8.72	33.51 2.33 7.02	33.92 2.26 3.63	32.01 1.82 2.91
LINDHRST_69_KV_BK1 356055	41.61 3.20 -6.46	39.45 2.93 -7.52	37.26 2.74 -7.63	33.08 2.55 -4.72	30.58 2.45 -2.65	30.77 2.48 -2.46	31.57 2.64 -3.08	31.79 2.42 -8.83	34.68 3.05 -6.23	40.82 3.54 -8.04	48.79 3.74 -14.38	50.89 3.72 -16.45	59.33 4.11 -22.58	63.74 4.34 -24.97	63.18 4.38 -23.47	73.04 5.32 -24.84	90.88 5.97 -37.95	69.09 6.31 -11.04	66.73 5.62 -11.84	63.60 5.62 -8.24	54.49 4.06 -10.18	51.60 4.16 -9.23	48.90 3.88 -9.72	47.17 3.34 -10.73
LIPA_MISC_IPP 23656	41.42 3.00 -6.46	39.28 2.76 -7.52	37.28 2.77 -7.63	33.02 2.50 -4.72	30.58 2.45 -2.65	30.74 2.45 -2.46	31.57 2.64 -3.08	31.71 2.34 -8.83	34.68 3.05 -6.23	40.70 3.42 -8.04	48.67 3.62 -14.38	51.36 3.59 -17.04	60.07 3.95 -23.48	63.61 4.20 -24.98	63.01 4.20 -23.48	72.92 5.15 -24.89	99.96 5.78 -47.22	98.67 6.16 -40.78	70.76 5.47 -16.02	67.28 5.52 -12.02	60.17 3.86 -16.06	54.13 3.97 -11.96	48.72 3.71 -9.72	46.97 3.14 -10.73
LISF___SOLAR 323691	41.45 3.04 -6.46	39.28 2.76 -7.52	37.28 2.77 -7.63	33.10 2.58 -4.72	30.66 2.52 -2.65	30.74 2.46 -2.46	31.70 2.77 -3.08	31.73 2.36 -8.83	34.70 3.07 -6.23	40.76 3.48 -8.04	48.76 3.71 -14.38	51.46 3.69 -17.05	60.18 4.05 -23.50	63.71 4.30 -24.98	63.15 4.34 -23.48	73.09 5.32 -24.89	100.18 5.87 -47.34	99.18 6.26 -41.19	74.08 5.61 -19.19	67.49 5.67 -12.08	60.37 3.98 -16.14	54.29 4.09 -12.00	48.83 3.81 -9.72	47.04 3.21 -10.73
LITTLE FALLS___HYD 24013	31.83 -0.13 0.00	28.88 -0.12 0.00	26.75 -0.13 0.00	25.67 -0.13 0.00	25.36 -0.13 0.00	25.73 -0.10 0.00	25.75 -0.10 0.00	20.49 -0.04 0.00	25.35 -0.05 0.00	29.21 -0.03 0.00	30.88 0.21 0.00	30.91 0.18 0.00	32.80 0.16 0.00	34.60 0.17 0.00	35.36 0.04 0.00	42.97 0.09 0.00	46.83 -0.14 0.00	51.63 -0.10 0.00	49.22 -0.05 0.00	49.69 -0.05 0.00	40.20 -0.04 0.00	38.24 0.04 0.00	35.29 0.00 0.00	33.00 -0.10 0.00
LITTLRIV_115KV_TB1 356100	32.12 0.16 0.00	29.12 0.12 0.00	26.97 0.08 0.00	26.01 0.21 0.00	25.84 0.36 0.00	25.88 0.05 0.00	25.68 -0.18 0.00	19.92 -0.62 0.00	24.61 -0.79 0.00	28.33 -0.91 0.00	29.65 -1.01 0.00	29.71 -1.01 0.00	31.63 -1.01 0.00	33.36 -1.07 0.00	34.23 -1.10 0.00	41.39 -1.50 0.00	45.02 -2.07 -0.12	49.68 -2.33 -0.28	47.79 -1.68 -0.20	48.26 -1.69 -0.21	39.03 -1.21 0.00	37.21 -0.99 0.00	34.73 -0.56 0.00	33.13 0.03 0.00
LI_NEWBRDGE___DRP 323616	40.84 2.43 -6.45	38.78 2.26 -7.52	36.61 2.10 -7.63	32.48 1.96 -4.72	30.00 1.86 -2.65	30.17 1.89 -2.46	30.95 2.02 -3.08	31.30 1.93 -8.83	34.04 2.41 -6.23	40.06 2.78 -8.04	47.93 2.88 -14.38	49.76 2.80 -16.24	58.36 3.23 -22.49	62.72 3.34 -24.95	62.22 3.43 -23.47	71.92 4.20 -24.83	88.57 4.79 -36.81	64.10 4.97 -7.39	64.82 4.29 -11.26	60.97 4.23 -7.01	52.64 2.94 -9.47	49.49 2.98 -8.31	47.94 2.93 -9.72	46.31 2.48 -10.73
LOCKPORT_115KV_TB60_63_64 80432	32.37 0.42 0.00	29.32 0.32 0.00	27.13 0.24 0.00	25.34 -0.46 0.00	24.72 -0.76 0.00	26.04 0.21 0.00	25.81 -0.05 0.00	20.93 -0.18 -0.58	25.27 -0.13 0.00	29.03 -0.20 0.00	30.87 0.09 -0.11	31.25 0.31 -0.21	33.03 0.00 -0.39	34.88 0.03 -0.41	35.54 0.21 0.00	43.32 0.43 0.00	47.30 0.33 0.00	53.10 0.98 -0.38	49.83 0.15 -0.41	50.28 0.55 0.00	41.51 1.25 -0.02	39.00 0.80 0.00	35.79 0.49 0.00	33.56 0.46 0.00
LOCKPORT___CC1 323769	32.34 0.38 0.00	29.44 0.44 0.00	26.94 0.05 0.00	25.18 -0.62 0.00	24.80 -0.69 0.00	26.04 0.21 0.00	25.81 -0.05 0.00	20.93 -0.19 -0.58	25.22 -0.18 0.00	29.12 -0.12 0.00	30.87 0.09 -0.12	31.25 0.31 -0.22	33.03 0.00 -0.39	34.88 0.03 -0.42	35.51 0.18 0.00	43.23 0.34 0.00	46.92 -0.05 0.00	52.84 0.72 -0.38	49.94 0.25 -0.42	49.99 0.25 0.00	41.55 1.29 -0.02	38.96 0.76 0.00	35.68 0.39 0.00	33.63 0.53 0.00
LOCKPORT___CC2 323770	32.34 0.38 0.00	29.44 0.44 0.00	26.94 0.05 0.00	25.18 -0.62 0.00	24.80 -0.69 0.00	26.04 0.21 0.00	25.81 -0.05 0.00	20.93 -0.19 -0.58	25.22 -0.18 0.00	29.12 -0.12 0.00	30.87 0.09 -0.12	31.25 0.31 -0.22	33.03 0.00 -0.39	34.88 0.03 -0.42	35.51 0.18 0.00	43.23 0.34 0.00	46.92 -0.05 0.00	52.84 0.72 -0.38	49.94 0.25 -0.42	49.99 0.25 0.00	41.55 1.29 -0.02	38.96 0.76 0.00	35.68 0.39 0.00	33.63 0.53 0.00
LOCKPORT___CC3 323771	32.34 0.38 0.00	29.44 0.44 0.00	26.94 0.05 0.00	25.18 -0.62 0.00	24.80 -0.69 0.00	26.04 0.21 0.00	25.81 -0.05 0.00	20.93 -0.19 -0.58	25.22 -0.18 0.00	29.12 -0.12 0.00	30.87 0.09 -0.12	31.25 0.31 -0.22	33.03 0.00 -0.39	34.88 0.03 -0.42	35.51 0.18 0.00	43.23 0.34 0.00	46.92 -0.05 0.00	52.84 0.72 -0.38	49.94 0.25 -0.42	49.99 0.25 0.00	41.55 1.29 -0.02	38.96 0.76 0.00	35.68 0.39 0.00	33.63 0.53 0.00

LONG_LAKE_PHOENIX 24014	31.35 -0.61 0.00	28.39 -0.61 0.00	26.35 -0.54 0.00	25.18 -0.62 0.00	24.82 -0.66 0.00	25.31 -0.52 0.00	25.26 -0.59 0.00	20.48 -0.37 -0.31	24.94 -0.46 0.00	28.74 -0.50 0.00	30.27 -0.40 0.00	30.39 -0.34 0.00	32.36 -0.49 -0.21	34.14 -0.52 -0.22	34.83 -0.49 0.00	42.24 -0.64 0.00	47.50 -0.70 -1.23	54.14 -0.41 -2.82	50.79 -0.49 -2.01	51.50 -0.40 -2.16	40.00 -0.24 0.00	37.89 -0.31 0.00	34.98 -0.32 0.00	32.57 -0.53 0.00
LOVETT___3 23632	33.62 1.66 0.00	30.54 1.54 0.00	28.31 1.42 0.00	27.15 1.34 0.00	26.73 1.25 0.00	27.07 1.24 0.00	27.20 1.34 0.00	25.90 1.42 -3.95	27.18 1.78 0.00	31.25 2.02 0.00	33.60 2.15 -0.79	34.29 2.09 -1.48	37.79 2.51 -2.64	39.84 2.58 -2.83	38.01 2.68 0.00	46.15 3.26 0.00	50.78 3.80 0.00	58.23 3.88 -2.61	55.38 3.25 -2.86	52.87 3.13 0.00	42.46 2.05 -0.16	40.34 2.14 0.00	37.27 1.98 0.00	34.69 1.59 0.00
LOVETT___4 23642	33.62 1.66 0.00	30.54 1.54 0.00	28.31 1.42 0.00	27.15 1.34 0.00	26.73 1.25 0.00	27.07 1.24 0.00	27.20 1.34 0.00	25.90 1.42 -3.95	27.18 1.78 0.00	31.25 2.02 0.00	33.60 2.15 -0.79	34.29 2.09 -1.48	37.79 2.51 -2.64	39.84 2.58 -2.83	38.01 2.68 0.00	46.15 3.26 0.00	50.78 3.80 0.00	58.23 3.88 -2.61	55.38 3.25 -2.86	52.87 3.13 0.00	42.46 2.05 -0.16	40.34 2.14 0.00	37.27 1.98 0.00	34.69 1.59 0.00
LOVETT___5 23593	33.62 1.66 0.00	30.54 1.54 0.00	28.31 1.42 0.00	27.15 1.34 0.00	26.73 1.25 0.00	27.07 1.24 0.00	27.20 1.34 0.00	25.90 1.42 -3.95	27.18 1.78 0.00	31.25 2.02 0.00	33.60 2.15 -0.79	34.29 2.09 -1.48	37.79 2.51 -2.64	39.84 2.58 -2.83	38.01 2.68 0.00	46.15 3.26 0.00	50.78 3.80 0.00	58.23 3.88 -2.61	55.38 3.25 -2.86	52.87 3.13 0.00	42.46 2.05 -0.16	40.34 2.14 0.00	37.27 1.98 0.00	34.69 1.59 0.00
LOWER RAQUET___HYD 24057	31.80 -0.16 0.00	28.83 -0.17 0.00	26.73 -0.16 0.00	25.78 -0.03 0.00	25.59 0.10 0.00	25.65 -0.18 0.00	25.34 -0.52 0.00	19.65 -0.88 0.00	24.31 -1.09 0.00	27.92 -1.32 0.00	29.16 -1.50 0.00	29.22 -1.50 0.00	31.07 -1.57 0.00	32.78 -1.65 0.00	33.63 -1.70 0.00	40.65 -2.23 0.00	44.47 -2.63 -0.13	49.08 -2.95 -0.30	47.07 -2.41 -0.21	47.53 -2.44 -0.23	38.39 -1.85 0.00	36.63 -1.57 0.00	34.31 -0.99 0.00	32.80 -0.30 0.00
LOWER___HUDSON 24059	33.52 1.57 0.00	30.48 1.48 0.00	28.28 1.40 0.00	27.14 1.34 0.00	26.76 1.27 0.00	27.07 1.24 0.00	27.18 1.32 0.00	27.11 1.19 -5.39	26.87 1.47 0.00	30.96 1.72 0.00	34.87 1.87 -2.33	36.99 1.87 -4.39	38.10 1.86 -3.60	40.28 2.00 -3.86	37.31 1.98 0.00	45.37 2.49 0.00	49.79 2.82 0.00	62.59 3.10 -7.75	60.67 2.91 -8.49	52.67 2.93 0.00	43.06 2.33 -0.48	40.42 2.21 0.00	37.27 1.98 0.00	34.75 1.65 0.00
LOWVILLE_115KV_TB2 356335	32.15 0.19 0.00	29.12 0.12 0.00	26.97 0.08 0.00	25.86 0.05 0.00	25.59 0.10 0.00	25.88 0.05 0.00	25.75 -0.10 0.00	20.48 -0.21 -0.15	25.17 -0.23 0.00	29.00 -0.23 0.00	30.48 -0.18 0.00	30.60 -0.12 0.00	32.61 -0.13 -0.10	34.33 -0.21 -0.11	34.94 -0.39 0.00	42.41 -0.47 0.00	46.78 -0.52 -0.32	52.17 -0.31 -0.74	49.80 0.00 -0.53	50.50 0.20 -0.57	40.56 0.32 0.00	38.54 0.34 0.00	35.65 0.35 0.00	33.30 0.20 0.00
LUTHERFT_115KV_GLOB_FND_222 355753	34.10 2.14 0.00	30.97 1.97 0.00	28.66 1.77 0.00	27.51 1.70 0.00	27.09 1.61 0.00	27.43 1.60 0.00	27.46 1.60 0.00	27.49 1.46 -5.50	27.23 1.83 0.00	31.40 2.16 0.00	35.58 2.30 -2.62	37.98 2.34 -4.92	38.60 2.28 -3.67	40.78 2.41 -3.94	37.70 2.37 0.00	45.76 2.87 0.00	50.26 3.29 0.00	64.35 3.93 -8.69	62.48 3.70 -9.51	53.42 3.68 0.00	44.00 3.22 -0.54	41.18 2.98 0.00	37.98 2.68 0.00	35.35 2.25 0.00
LUTHERNY_35_KV_BK2 355980	34.13 2.17 0.00	31.00 2.00 0.00	28.66 1.77 0.00	27.51 1.70 0.00	27.12 1.63 0.00	27.46 1.63 0.00	27.49 1.63 0.00	27.49 1.46 -5.50	27.25 1.85 0.00	31.43 2.19 0.00	35.58 2.30 -2.62	38.01 2.37 -4.92	38.63 2.32 -3.67	40.81 2.44 -3.94	37.70 2.37 0.00	45.80 2.92 0.00	50.26 3.29 0.00	64.41 3.98 -8.69	62.53 3.74 -9.51	53.47 3.73 0.00	44.04 3.26 -0.54	41.22 3.02 0.00	38.01 2.72 0.00	35.38 2.28 0.00
LWR___OSWEGATCHIE_HYD 23850	31.83 -0.13 0.00	28.85 -0.15 0.00	26.72 -0.16 0.00	25.70 -0.10 0.00	25.46 -0.03 0.00	25.62 -0.21 0.00	25.42 -0.44 0.00	20.01 -0.64 -0.11	24.61 -0.79 0.00	28.33 -0.91 0.00	29.62 -1.04 0.00	29.74 -0.98 0.00	31.67 -1.04 -0.07	33.37 -1.14 -0.08	34.06 -1.27 0.00	41.26 -1.63 0.00	45.35 -1.88 -0.25	50.35 -1.97 -0.58	48.26 -1.43 -0.42	48.84 -1.34 -0.45	39.32 -0.93 0.00	37.44 -0.76 0.00	34.84 -0.46 0.00	32.90 -0.20 0.00
LYONS_FALL_HYD 23570	32.37 0.41 0.00	29.32 0.32 0.00	27.15 0.27 0.00	26.04 0.23 0.00	25.71 0.23 0.00	26.06 0.23 0.00	26.01 0.16 0.00	20.75 0.08 -0.14	25.53 0.13 0.00	29.44 0.21 0.00	31.06 0.40 0.00	31.19 0.46 0.00	33.22 0.49 -0.09	34.97 0.45 -0.10	35.72 0.39 0.00	43.36 0.47 0.00	47.63 0.47 -0.19	52.90 0.72 -0.45	50.43 0.84 -0.32	51.07 0.99 -0.34	41.17 0.93 0.00	39.04 0.84 0.00	36.04 0.74 0.00	33.56 0.46 0.00
MADISON___COUNTY_LFGE 323628	32.66 0.70 0.00	29.58 0.58 0.00	27.42 0.54 0.00	26.24 0.44 0.00	25.89 0.41 0.00	26.35 0.52 0.00	26.30 0.44 0.00	21.15 0.39 -0.23	25.96 0.56 0.00	29.94 0.70 0.00	31.62 0.95 0.00	31.74 1.01 0.00	33.81 1.01 -0.15	35.66 1.07 -0.16	36.42 1.10 0.00	44.30 1.42 0.00	48.81 1.64 -0.20	54.25 2.07 -0.45	51.56 1.97 -0.32	52.17 2.09 -0.35	42.01 1.77 0.00	39.80 1.60 0.00	36.60 1.31 0.00	33.99 0.89 0.00
MALONE___115KV_TB1 356076	32.12 0.16 0.00	29.15 0.14 0.00	26.99 0.11 0.00	26.04 0.23 0.00	25.82 0.33 0.00	25.96 0.13 0.00	25.94 0.08 0.00	20.29 -0.25 0.00	25.09 -0.30 0.00	28.86 -0.38 0.00	30.05 -0.61 0.00	30.11 -0.61 0.00	32.02 -0.62 0.00	33.81 -0.62 0.00	34.80 -0.53 0.00	42.07 -0.81 0.00	45.66 -1.32 0.00	50.23 -1.50 0.00	48.39 -0.89 0.00	48.74 -0.99 0.00	39.52 -0.72 0.00	37.55 -0.65 0.00	34.87 -0.42 0.00	33.06 -0.03 0.00
MAPLEWOD_115KV_TB3 80458	33.56 1.60 0.00	30.51 1.51 0.00	28.23 1.34 0.00	27.09 1.29 0.00	26.68 1.20 0.00	27.04 1.21 0.00	27.10 1.24 0.00	27.06 1.15 -5.38	26.87 1.47 0.00	30.90 1.67 0.00	34.60 1.84 -2.10	36.52 1.84 -3.95	38.09 1.86 -3.59	40.28 2.00 -3.85	37.31 1.98 0.00	45.33 2.44 0.00	49.69 2.72 0.00	61.91 3.21 -6.97	59.81 2.91 -7.63	52.62 2.88 0.00	43.01 2.33 -0.43	40.42 2.22 0.00	37.27 1.98 0.00	34.72 1.62 0.00
MAPLE RIDGE_WT_1 323574	31.80 -0.16 0.00	28.86 -0.14 0.00	26.75 -0.13 0.00	25.73 -0.08 0.00	25.41 -0.08 0.00	25.73 -0.10 0.00	25.75 -0.10 0.00	20.39 -0.14 0.00	25.19 -0.20 0.00	29.00 -0.23 0.00	30.39 -0.28 0.00	30.45 -0.28 0.00	32.35 -0.29 0.00	34.12 -0.31 0.00	34.97 -0.35 0.00	42.46 -0.43 0.00	46.46 -0.52 0.00	51.12 -0.62 0.00	48.78 -0.49 0.00	49.24 -0.50 0.00	39.84 -0.40 0.00	37.82 -0.38 0.00	34.94 -0.35 0.00	32.87 -0.23 0.00

MAPLE_RIDGE_WT_2 323611	31.80 -0.16 0.00	28.86 -0.14 0.00	26.75 -0.13 0.00	25.73 -0.08 0.00	25.41 -0.08 0.00	25.73 -0.10 0.00	25.75 -0.10 0.00	20.39 -0.14 0.00	25.19 -0.20 0.00	29.00 -0.23 0.00	30.39 -0.28 0.00	30.45 -0.28 0.00	32.35 -0.29 0.00	34.12 -0.31 0.00	34.97 -0.35 0.00	42.46 -0.43 0.00	46.46 -0.52 0.00	51.12 -0.62 0.00	48.78 -0.49 0.00	49.24 -0.50 0.00	39.84 -0.40 0.00	37.82 -0.38 0.00	34.94 -0.35 0.00	32.87 -0.23 0.00
MARBLE_RIVER_WT_PWR 323696	32.05 0.10 0.00	29.09 0.09 0.00	26.94 0.05 0.00	25.96 0.16 0.00	25.74 0.25 0.00	25.99 0.16 0.00	25.96 0.10 0.00	20.37 -0.16 0.00	25.19 -0.20 0.00	28.94 -0.29 0.00	30.11 -0.55 0.00	30.17 -0.55 0.00	32.09 -0.56 0.00	33.88 -0.55 0.00	34.83 -0.49 0.00	42.16 -0.73 0.00	45.98 -0.99 0.00	50.60 -1.14 0.00	48.53 -0.74 0.00	48.89 -0.85 0.00	39.60 -0.65 0.00	37.59 -0.61 0.00	34.83 -0.46 0.00	33.00 -0.10 0.00
MARSHVLE_115KV_TB1 80742	35.06 3.10 0.00	31.76 2.76 0.00	29.33 2.45 0.00	28.13 2.32 0.00	27.73 2.24 0.00	28.18 2.35 0.00	28.18 2.33 0.00	29.16 1.99 -6.64	27.89 2.49 0.00	32.16 2.92 0.00	36.19 3.22 -2.31	38.30 3.23 -4.35	40.11 3.04 -4.43	42.38 3.20 -4.75	38.54 3.21 0.00	46.75 3.86 0.00	51.53 4.56 0.00	65.05 5.64 -7.67	63.04 5.37 -8.40	55.26 5.52 0.00	45.51 4.79 -0.48	42.71 4.51 0.00	39.28 3.99 0.00	36.34 3.24 0.00
MARSH_HILL_WT_PWR 323713	33.04 1.09 0.00	30.01 1.01 0.00	27.58 0.70 0.00	26.06 0.26 0.00	25.59 0.10 0.00	26.55 0.72 0.00	26.48 0.62 0.00	21.71 0.39 -0.79	25.91 0.51 0.00	30.17 0.94 0.00	32.12 1.29 -0.16	32.45 1.41 -0.31	33.95 0.78 -0.53	35.79 0.79 -0.56	36.49 1.16 0.00	44.43 1.54 0.00	48.14 1.03 -0.14	55.18 2.59 -0.86	52.26 2.17 -0.82	52.27 2.29 -0.24	42.81 2.54 -0.03	40.30 2.10 0.00	37.06 1.76 0.00	34.62 1.52 0.00
MCINTYRE_115KV_TB2 80467	32.28 0.32 0.00	29.29 0.29 0.00	27.13 0.24 0.00	26.17 0.36 0.00	25.97 0.48 0.00	26.09 0.26 0.00	25.91 0.05 0.00	20.12 -0.41 0.00	24.89 -0.51 0.00	28.62 -0.61 0.00	29.90 -0.77 0.00	29.99 -0.74 0.00	31.92 -0.72 0.00	33.64 -0.79 0.00	34.52 -0.81 0.00	41.73 -1.16 0.00	45.48 -1.60 -0.11	50.17 -1.81 -0.25	48.27 -1.18 -0.18	48.73 -1.19 -0.19	39.44 -0.80 0.00	37.55 -0.65 0.00	34.98 -0.32 0.00	33.33 0.23 0.00
MECO____69_KV_BK1 80468	35.70 3.74 0.00	32.31 3.31 0.00	29.79 2.90 0.00	28.59 2.79 0.00	28.16 2.68 0.00	28.57 2.74 0.00	28.50 2.64 0.00	29.06 2.24 -6.29	28.17 2.77 0.00	32.42 3.19 0.00	37.52 4.39 -2.47	39.73 4.36 -4.65	40.95 4.11 -4.20	43.27 4.34 -4.50	39.50 4.17 0.00	47.95 5.06 0.00	52.04 5.07 0.00	66.46 6.52 -8.21	64.61 6.36 -8.98	56.25 6.52 0.00	46.51 5.75 -0.51	43.43 5.23 0.00	40.13 4.84 0.00	37.10 4.00 0.00
MENANDS__115KV_TB5 355628	33.17 1.21 0.00	30.19 1.19 0.00	27.96 1.08 0.00	26.86 1.06 0.00	26.45 0.97 0.00	26.81 0.98 0.00	26.87 1.01 0.00	26.84 0.97 -5.34	26.64 1.24 0.00	30.64 1.40 0.00	34.15 1.50 -1.99	35.97 1.51 -3.74	37.74 1.53 -3.57	39.91 1.65 -3.83	36.95 1.63 0.00	44.90 2.02 0.00	49.23 2.25 0.00	60.92 2.59 -6.60	58.81 2.32 -7.22	52.02 2.29 0.00	42.42 1.77 -0.41	39.92 1.72 0.00	36.85 1.55 0.00	34.36 1.26 0.00
MG INDUSTRY__DRP 24185	33.27 1.31 0.00	30.25 1.25 0.00	28.02 1.13 0.00	26.91 1.11 0.00	26.50 1.02 0.00	26.86 1.03 0.00	26.89 1.03 0.00	26.70 0.97 -5.20	26.62 1.22 0.00	30.61 1.37 0.00	33.66 1.47 -1.52	35.09 1.51 -2.86	37.61 1.50 -3.47	39.77 1.62 -3.72	36.92 1.59 0.00	44.82 1.93 0.00	49.13 2.16 0.00	59.27 2.48 -5.05	57.02 2.22 -5.53	52.02 2.29 0.00	42.37 1.81 -0.31	39.96 1.76 0.00	36.92 1.62 0.00	34.42 1.32 0.00
MID__OSWEGATCHIE_HYD 23849	31.83 -0.13 0.00	28.85 -0.15 0.00	26.72 -0.16 0.00	25.70 -0.10 0.00	25.46 -0.03 0.00	25.62 -0.21 0.00	25.42 -0.44 0.00	20.01 -0.64 -0.11	24.61 -0.79 0.00	28.33 -0.91 0.00	29.62 -1.04 0.00	29.74 -0.98 0.00	31.67 -1.04 -0.07	33.37 -1.14 -0.08	34.06 -1.27 0.00	41.26 -1.63 0.00	45.35 -1.88 -0.25	50.35 -1.97 -0.58	48.26 -1.43 -0.42	48.84 -1.34 -0.45	39.32 -0.93 0.00	37.44 -0.76 0.00	34.84 -0.46 0.00	32.90 -0.20 0.00
MID__RAQUETTE_HYD 23851	31.80 -0.16 0.00	28.85 -0.15 0.00	26.72 -0.16 0.00	25.78 -0.03 0.00	25.56 0.08 0.00	25.57 -0.26 0.00	25.31 -0.54 0.00	19.63 -0.90 0.00	24.26 -1.14 0.00	27.92 -1.32 0.00	29.16 -1.50 0.00	29.22 -1.51 0.00	31.07 -1.57 0.00	32.78 -1.65 0.00	33.63 -1.70 0.00	40.66 -2.23 0.00	44.38 -2.72 -0.13	48.98 -3.05 -0.30	47.12 -2.37 -0.21	47.48 -2.49 -0.23	38.39 -1.85 0.00	36.63 -1.57 0.00	34.31 -0.99 0.00	32.80 -0.30 0.00
MILLIKEN__1 23584	32.72 0.77 0.00	29.64 0.64 0.00	27.45 0.56 0.00	26.19 0.39 0.00	25.79 0.31 0.00	26.37 0.54 0.00	26.30 0.44 0.00	21.71 0.41 -0.76	25.96 0.56 0.00	29.91 0.67 0.00	31.75 0.92 -0.17	31.99 0.95 -0.31	33.90 0.75 -0.51	35.73 0.76 -0.55	36.21 0.88 0.00	44.04 1.16 0.00	48.82 1.41 -0.44	55.52 2.22 -1.57	52.57 1.97 -1.33	52.61 2.09 -0.78	42.17 1.89 -0.03	39.84 1.64 0.00	36.64 1.34 0.00	33.99 0.89 0.00
MILLIKEN__2 23585	32.72 0.77 0.00	29.64 0.64 0.00	27.45 0.56 0.00	26.19 0.39 0.00	25.79 0.31 0.00	26.37 0.54 0.00	26.30 0.44 0.00	21.71 0.41 -0.76	25.96 0.56 0.00	29.91 0.67 0.00	31.75 0.92 -0.17	31.99 0.95 -0.31	33.90 0.75 -0.51	35.73 0.76 -0.55	36.21 0.88 0.00	44.04 1.16 0.00	48.82 1.41 -0.44	55.52 2.22 -1.57	52.57 1.97 -1.33	52.61 2.09 -0.78	42.17 1.89 -0.03	39.84 1.64 0.00	36.64 1.34 0.00	33.99 0.89 0.00
MILLIKEN__DIESEL 23629	32.72 0.77 0.00	29.64 0.64 0.00	27.45 0.56 0.00	26.19 0.39 0.00	25.79 0.31 0.00	26.37 0.54 0.00	26.30 0.44 0.00	21.71 0.41 -0.76	25.96 0.56 0.00	29.91 0.67 0.00	31.75 0.92 -0.17	31.99 0.95 -0.31	33.90 0.75 -0.51	35.73 0.76 -0.55	36.21 0.88 0.00	44.04 1.16 0.00	48.82 1.41 -0.44	55.52 2.22 -1.57	52.57 1.97 -1.33	52.61 2.09 -0.78	42.17 1.89 -0.03	39.84 1.64 0.00	36.64 1.34 0.00	33.99 0.89 0.00
MILLSEAT__LFGE 323607	32.85 0.89 0.00	29.84 0.84 0.00	27.37 0.48 0.00	25.57 -0.23 0.00	25.21 -0.28 0.00	26.37 0.54 0.00	26.12 0.26 0.00	21.20 0.10 -0.56	25.60 0.20 0.00	29.56 0.32 0.00	31.39 0.61 -0.11	31.79 0.86 -0.21	33.60 0.59 -0.37	35.52 0.69 -0.40	36.17 0.85 0.00	44.04 1.16 0.00	47.77 0.80 0.00	53.86 1.76 -0.36	51.00 1.33 -0.40	51.08 1.34 0.00	42.36 2.09 -0.02	39.80 1.60 0.00	36.35 1.06 0.00	34.19 1.09 0.00
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	33.78 1.82 0.00	30.74 1.74 0.00	28.50 1.61 0.00	27.30 1.50 0.00	26.89 1.40 0.00	27.22 1.39 0.00	27.36 1.50 0.00	26.17 1.54 -4.10	27.33 1.93 0.00	31.46 2.22 0.00	33.87 2.39 -0.82	34.56 2.30 -1.54	38.15 2.77 -2.74	40.26 2.89 -2.94	38.30 2.97 0.00	46.53 3.65 0.00	51.15 4.18 0.00	58.69 4.24 -2.71	55.89 3.65 -2.97	53.27 3.53 0.00	42.78 2.37 -0.17	40.61 2.41 0.00	37.52 2.22 0.00	34.92 1.82 0.00

MILLWOOD_13_KV_LOAD 356217	33.91 1.95 0.00	30.86 1.86 0.00	28.58 1.69 0.00	27.38 1.57 0.00	26.96 1.48 0.00	27.28 1.45 0.00	27.41 1.55 0.00	26.23 1.60 -4.10	27.40 2.01 0.00	31.60 2.37 0.00	34.00 2.51 -0.82	34.72 2.46 -1.54	38.38 3.00 -2.74	40.50 3.13 -2.94	38.54 3.21 0.00	46.83 3.95 0.00	51.48 4.51 0.00	59.00 4.55 -2.71	56.13 3.89 -2.97	53.52 3.78 0.00	43.03 2.62 -0.17	40.80 2.60 0.00	37.66 2.36 0.00	34.98 1.89 0.00
MODEL_CITY_ENERGY 24167	32.05 0.10 0.00	29.18 0.18 0.00	26.73 -0.16 0.00	24.88 -0.93 0.00	24.59 -0.89 0.00	25.83 0.00 0.00	25.55 -0.31 0.00	20.71 -0.41 -0.59	24.91 -0.48 0.00	28.77 -0.47 0.00	30.47 -0.31 -0.12	30.85 -0.09 -0.22	32.64 -0.39 -0.39	34.47 -0.38 -0.42	35.08 -0.25 0.00	42.72 -0.17 0.00	46.41 -0.56 0.00	52.17 0.05 -0.39	49.30 -0.40 -0.42	49.39 -0.35 0.00	41.03 0.76 -0.02	38.47 0.27 0.00	35.26 -0.04 0.00	33.26 0.17 0.00
MODERN_LFGE_ 323580	32.05 0.10 0.00	29.18 0.18 0.00	26.73 -0.16 0.00	24.88 -0.93 0.00	24.59 -0.89 0.00	25.83 0.00 0.00	25.55 -0.31 0.00	20.71 -0.41 -0.59	24.91 -0.48 0.00	28.77 -0.47 0.00	30.47 -0.31 -0.12	30.85 -0.09 -0.22	32.64 -0.39 -0.39	34.47 -0.38 -0.42	35.08 -0.25 0.00	42.72 -0.17 0.00	46.41 -0.56 0.00	52.17 0.05 -0.39	49.30 -0.40 -0.42	49.39 -0.35 0.00	41.03 0.76 -0.02	38.47 0.27 0.00	35.26 -0.04 0.00	33.26 0.17 0.00
MOHAWK_PAPER___DRP 24187	33.56 1.60 0.00	30.51 1.51 0.00	28.23 1.34 0.00	27.09 1.29 0.00	26.68 1.20 0.00	27.04 1.21 0.00	27.10 1.24 0.00	27.06 1.15 -5.38	26.87 1.47 0.00	30.90 1.67 0.00	34.60 1.84 -2.10	36.52 1.84 -3.95	38.09 1.86 -3.59	40.28 2.00 -3.85	37.31 1.98 0.00	45.33 2.44 0.00	49.69 2.72 0.00	61.91 3.21 -6.97	59.81 2.91 -7.63	52.62 2.88 0.00	43.01 2.33 -0.43	40.42 2.22 0.00	37.27 1.98 0.00	34.72 1.62 0.00
MOHICAN___35_KV_115KV_LD 80490	34.32 2.36 0.00	31.12 2.12 0.00	28.74 1.86 0.00	27.58 1.78 0.00	27.19 1.71 0.00	27.51 1.68 0.00	27.54 1.68 0.00	27.56 1.52 -5.51	27.35 1.96 0.00	31.57 2.34 0.00	35.72 2.42 -2.63	38.13 2.46 -4.94	38.63 2.32 -3.68	40.75 2.38 -3.94	37.59 2.26 0.00	45.63 2.74 0.00	50.07 3.10 0.00	64.35 3.88 -8.73	62.72 3.89 -9.56	53.62 3.88 0.00	44.57 3.78 -0.54	41.60 3.40 0.00	38.33 3.04 0.00	35.58 2.48 0.00
MONGAUP___HYD 23641	33.55 1.60 0.00	30.42 1.42 0.00	28.18 1.29 0.00	27.04 1.24 0.00	26.63 1.15 0.00	26.96 1.14 0.00	27.07 1.22 0.00	25.37 1.17 -3.66	26.85 1.45 0.00	30.93 1.69 0.00	33.20 1.81 -0.73	33.88 1.78 -1.37	37.08 1.99 -2.45	39.12 2.07 -2.62	37.41 2.08 0.00	45.50 2.62 0.00	50.07 3.10 0.00	57.63 3.47 -2.43	55.03 3.11 -2.65	52.87 3.14 0.00	42.48 2.09 -0.15	40.34 2.14 0.00	37.30 2.01 0.00	34.72 1.62 0.00
MONTAUK___DIESEL 23721	43.27 4.86 -6.46	40.96 4.44 -7.52	38.84 4.33 -7.63	34.50 3.97 -4.72	31.98 3.85 -2.65	32.19 3.90 -2.46	32.97 4.03 -3.08	32.84 3.47 -8.83	36.23 4.60 -6.23	42.60 5.32 -8.04	50.90 5.86 -14.38	53.73 5.96 -17.04	62.66 6.53 -23.49	66.43 7.02 -24.98	65.87 7.07 -23.48	76.44 8.66 -24.89	103.68 9.44 -47.27	102.83 10.14 -40.96	74.48 9.12 -16.10	70.88 9.10 -12.05	62.94 6.60 -16.10	56.59 6.42 -11.98	50.87 5.86 -9.72	48.96 5.13 -10.73
MOONROAD_115KV_HARTFLD_TB1-2 355988	33.43 1.47 0.00	30.30 1.30 0.00	27.99 1.10 0.00	26.24 0.44 0.00	25.69 0.20 0.00	27.02 1.19 0.00	26.87 1.01 0.00	21.81 0.60 -0.68	26.52 1.12 0.00	30.52 1.29 0.00	32.52 1.72 -0.14	32.95 1.97 -0.26	34.27 1.18 -0.45	36.16 1.24 -0.49	37.13 1.80 0.00	45.25 2.36 0.00	49.32 2.35 0.00	55.61 3.41 -0.46	52.19 2.41 -0.50	52.47 2.74 0.00	43.29 3.02 -0.03	40.72 2.52 0.00	37.41 2.12 0.00	34.95 1.85 0.00
MORTIMER_115KV_TB3 55949	32.40 0.45 0.00	29.29 0.29 0.00	27.15 0.27 0.00	25.60 -0.21 0.00	25.15 -0.33 0.00	26.11 0.28 0.00	25.94 0.08 0.00	21.13 0.12 -0.48	25.55 0.15 0.00	29.47 0.23 0.00	31.21 0.46 -0.09	31.57 0.68 -0.17	33.65 0.69 -0.32	35.56 0.79 -0.34	36.11 0.78 0.00	43.96 1.07 0.00	48.00 1.03 0.00	53.74 1.71 -0.30	50.78 1.18 -0.33	51.13 1.39 0.00	41.87 1.61 -0.02	39.46 1.26 0.00	36.11 0.81 0.00	33.76 0.66 0.00
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	34.00 2.05 0.00	30.94 1.94 0.00	28.69 1.80 0.00	27.46 1.65 0.00	27.04 1.55 0.00	27.35 1.52 0.00	27.54 1.68 0.00	26.35 1.68 -4.13	27.53 2.13 0.00	31.72 2.49 0.00	34.12 2.64 -0.82	34.82 2.55 -1.55	38.47 3.07 -2.76	40.55 3.17 -2.96	38.61 3.29 0.00	46.92 4.03 0.00	51.62 4.65 0.00	59.18 4.71 -2.73	56.26 3.99 -2.99	53.62 3.88 0.00	42.99 2.58 -0.17	40.84 2.64 0.00	37.80 2.51 0.00	35.18 2.09 0.00
MUNSVILLE_WIND_PWR 323609	34.54 2.59 0.00	31.29 2.29 0.00	28.90 2.02 0.00	27.58 1.78 0.00	27.17 1.68 0.00	27.74 1.91 0.00	27.67 1.81 0.00	23.12 1.46 -1.13	27.25 1.85 0.00	31.46 2.22 0.00	33.75 2.76 -0.32	34.10 2.77 -0.61	36.07 2.68 -0.76	38.06 2.82 -0.81	38.12 2.79 0.00	46.49 3.60 0.00	51.33 4.08 -0.28	58.72 5.28 -1.71	56.12 5.22 -1.63	55.84 5.62 -0.49	45.30 4.99 -0.07	42.74 4.54 0.00	39.14 3.85 0.00	36.01 2.91 0.00
N SALMON___HYD 24042	32.12 0.16 0.00	29.15 0.15 0.00	26.99 0.11 0.00	26.04 0.23 0.00	25.82 0.33 0.00	26.04 0.21 0.00	25.94 0.08 0.00	20.31 -0.23 0.00	25.12 -0.28 0.00	28.85 -0.38 0.00	30.05 -0.61 0.00	30.11 -0.61 0.00	32.02 -0.62 0.00	33.81 -0.62 0.00	34.80 -0.53 0.00	42.07 -0.82 0.00	45.70 -1.27 0.00	50.34 -1.39 0.00	48.39 -0.89 0.00	48.74 -0.99 0.00	39.52 -0.72 0.00	37.55 -0.65 0.00	34.87 -0.42 0.00	33.06 -0.03 0.00
N.AKRON___115KV_KNAPP 355671	32.85 0.89 0.00	29.72 0.72 0.00	27.53 0.65 0.00	25.73 -0.08 0.00	25.10 -0.38 0.00	26.40 0.57 0.00	26.14 0.28 0.00	21.22 0.12 -0.57	25.65 0.25 0.00	29.50 0.26 0.00	31.42 0.64 -0.11	31.79 0.86 -0.21	33.64 0.62 -0.38	35.56 0.72 -0.40	36.25 0.92 0.00	44.17 1.29 0.00	48.10 1.13 0.00	54.12 2.02 -0.37	50.91 1.23 -0.40	51.33 1.59 0.00	42.36 2.09 -0.02	39.80 1.60 0.00	36.42 1.13 0.00	34.12 1.03 0.00
N.BELMOR_69_KV_BK1 55787	41.16 2.75 -6.46	39.04 2.52 -7.52	36.85 2.34 -7.63	32.72 2.19 -4.72	30.23 2.09 -2.65	30.41 2.12 -2.46	31.19 2.25 -3.08	31.48 2.12 -8.83	34.30 2.67 -6.23	40.35 3.07 -8.04	48.24 3.19 -14.38	50.10 3.13 -16.24	58.76 3.62 -22.49	63.10 3.72 -24.95	62.61 3.82 -23.47	72.39 4.67 -24.83	89.28 5.35 -36.96	65.13 5.54 -7.86	65.52 4.88 -11.37	61.52 4.77 -7.01	53.18 3.38 -9.56	49.95 3.44 -8.31	48.30 3.28 -9.72	46.61 2.78 -10.73
N.E._GEN_SANDY PD 24062	33.43 1.47 0.00	32.38 1.48 -1.90	31.04 1.42 -2.73	30.04 1.37 -2.87	29.99 1.30 -3.21	29.17 1.27 -2.08	30.40 1.37 -3.17	29.92 1.29 -8.09	33.52 1.55 -6.57	32.92 1.81 -1.87	35.00 1.93 -2.40	36.99 1.91 -4.36	37.85 2.02 -3.19	39.98 2.14 -3.42	37.48 2.16 0.00	45.59 2.70 0.00	50.07 3.10 0.00	58.98 3.26 -3.98	56.54 2.91 -4.36	52.67 2.93 0.00	43.02 2.09 -0.69	40.30 2.10 0.00	37.16 1.87 0.00	34.62 1.52 0.00

N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	33.68 1.73 0.00	30.57 1.57 0.00	28.34 1.45 0.00	27.17 1.37 0.00	26.76 1.27 0.00	27.10 1.27 0.00	27.23 1.37 0.00	25.91 1.44 -3.94	27.20 1.80 0.00	31.31 2.08 0.00	33.66 2.21 -0.78	34.35 2.15 -1.48	37.82 2.55 -2.63	39.90 2.65 -2.82	38.08 2.76 0.00	46.23 3.35 0.00	50.87 3.90 0.00	58.33 3.98 -2.61	55.48 3.35 -2.85	52.97 3.23 0.00	42.54 2.13 -0.16	40.38 2.18 0.00	37.34 2.05 0.00	34.75 1.65 0.00
N.QUEENS_27_KV_LOAD 356247	34.23 2.27 -0.01	31.18 2.17 -0.01	28.91 2.02 -0.01	27.62 1.81 -0.01	27.23 1.73 -0.01	27.48 1.65 0.00	27.62 1.76 0.00	26.39 1.72 -4.13	27.48 2.08 0.00	31.75 2.51 0.00	34.09 2.61 -0.82	34.76 2.49 -1.55	38.50 3.10 -2.76	40.62 3.24 -2.96	38.72 3.39 0.00	47.09 4.20 0.00	51.81 4.84 0.00	59.38 4.91 -2.73	56.31 4.04 -2.99	53.62 3.88 0.00	42.79 2.37 -0.17	40.91 2.71 0.00	38.01 2.72 0.00	35.46 2.35 -0.01
N.TROY___115KV_TB1 355778	33.52 1.57 0.00	30.51 1.51 0.00	28.26 1.37 0.00	27.12 1.32 0.00	26.73 1.25 0.00	27.10 1.27 0.00	27.15 1.29 0.00	27.11 1.19 -5.39	26.90 1.50 0.00	30.96 1.72 0.00	34.87 1.87 -2.33	36.99 1.87 -4.39	38.10 1.86 -3.60	40.28 2.00 -3.86	37.31 1.98 0.00	45.33 2.44 0.00	49.69 2.72 0.00	62.59 3.10 -7.75	60.62 2.86 -8.49	52.57 2.83 0.00	43.06 2.33 -0.48	40.42 2.22 0.00	37.27 1.98 0.00	34.75 1.65 0.00
NARROWS_GT1_1 24228	34.23 2.27 0.00	31.15 2.15 -0.01	28.90 2.02 0.00	27.64 1.83 0.00	27.24 1.76 0.00	27.38 1.55 0.00	27.59 1.73 0.00	26.37 1.70 -4.13	27.56 2.16 0.00	31.84 2.60 0.00	34.28 2.79 -0.82	34.94 2.67 -1.55	38.69 3.30 -2.76	40.80 3.41 -2.96	38.93 3.61 0.00	47.13 4.25 0.00	51.86 4.88 0.00	59.39 4.92 -2.73	56.40 4.14 -2.99	53.76 4.03 0.00	42.99 2.58 -0.17	41.10 2.90 0.00	38.19 2.89 0.00	35.48 2.38 0.00
NARROWS_GT1_2 24229	34.23 2.27 0.00	31.15 2.15 -0.01	28.90 2.02 0.00	27.64 1.83 0.00	27.24 1.76 0.00	27.38 1.55 0.00	27.59 1.73 0.00	26.37 1.70 -4.13	27.56 2.16 0.00	31.84 2.60 0.00	34.28 2.79 -0.82	34.94 2.67 -1.55	38.69 3.30 -2.76	40.80 3.41 -2.96	38.93 3.61 0.00	47.13 4.25 0.00	51.86 4.88 0.00	59.39 4.92 -2.73	56.40 4.14 -2.99	53.76 4.03 0.00	42.99 2.58 -0.17	41.10 2.90 0.00	38.19 2.89 0.00	35.48 2.38 0.00
NARROWS_GT1_3 24230	34.23 2.27 0.00	31.15 2.15 -0.01	28.90 2.02 0.00	27.64 1.83 0.00	27.24 1.76 0.00	27.38 1.55 0.00	27.59 1.73 0.00	26.37 1.70 -4.13	27.56 2.16 0.00	31.84 2.60 0.00	34.28 2.79 -0.82	34.94 2.67 -1.55	38.69 3.30 -2.76	40.80 3.41 -2.96	38.93 3.61 0.00	47.13 4.25 0.00	51.86 4.88 0.00	59.39 4.92 -2.73	56.40 4.14 -2.99	53.76 4.03 0.00	42.99 2.58 -0.17	41.10 2.90 0.00	38.19 2.89 0.00	35.48 2.38 0.00
NARROWS_GT1_4 24231	34.23 2.27 0.00	31.15 2.15 -0.01	28.90 2.02 0.00	27.64 1.83 0.00	27.24 1.76 0.00	27.38 1.55 0.00	27.59 1.73 0.00	26.37 1.70 -4.13	27.56 2.16 0.00	31.84 2.60 0.00	34.28 2.79 -0.82	34.94 2.67 -1.55	38.69 3.30 -2.76	40.80 3.41 -2.96	38.93 3.61 0.00	47.13 4.25 0.00	51.86 4.88 0.00	59.39 4.92 -2.73	56.40 4.14 -2.99	53.76 4.03 0.00	42.99 2.58 -0.17	41.10 2.90 0.00	38.19 2.89 0.00	35.48 2.38 0.00
NARROWS_GT1_5 24232	34.23 2.27 0.00	31.15 2.15 -0.01	28.90 2.02 0.00	27.64 1.83 0.00	27.24 1.76 0.00	27.38 1.55 0.00	27.59 1.73 0.00	26.37 1.70 -4.13	27.56 2.16 0.00	31.84 2.60 0.00	34.28 2.79 -0.82	34.94 2.67 -1.55	38.69 3.30 -2.76	40.80 3.41 -2.96	38.93 3.61 0.00	47.13 4.25 0.00	51.86 4.88 0.00	59.39 4.92 -2.73	56.40 4.14 -2.99	53.76 4.03 0.00	42.99 2.58 -0.17	41.10 2.90 0.00	38.19 2.89 0.00	35.48 2.38 0.00
NARROWS_GT1_6 24233	34.23 2.27 0.00	31.15 2.15 -0.01	28.90 2.02 0.00	27.64 1.83 0.00	27.24 1.76 0.00	27.38 1.55 0.00	27.59 1.73 0.00	26.37 1.70 -4.13	27.56 2.16 0.00	31.84 2.60 0.00	34.28 2.79 -0.82	34.94 2.67 -1.55	38.69 3.30 -2.76	40.80 3.41 -2.96	38.93 3.61 0.00	47.13 4.25 0.00	51.86 4.88 0.00	59.39 4.92 -2.73	56.40 4.14 -2.99	53.76 4.03 0.00	42.99 2.58 -0.17	41.10 2.90 0.00	38.19 2.89 0.00	35.48 2.38 0.00
NARROWS_GT1_7 24234	34.23 2.27 0.00	31.15 2.15 -0.01	28.90 2.02 0.00	27.64 1.83 0.00	27.24 1.76 0.00	27.38 1.55 0.00	27.59 1.73 0.00	26.37 1.70 -4.13	27.56 2.16 0.00	31.84 2.60 0.00	34.28 2.79 -0.82	34.94 2.67 -1.55	38.69 3.30 -2.76	40.80 3.41 -2.96	38.93 3.61 0.00	47.13 4.25 0.00	51.86 4.88 0.00	59.39 4.92 -2.73	56.40 4.14 -2.99	53.76 4.03 0.00	42.99 2.58 -0.17	41.10 2.90 0.00	38.19 2.89 0.00	35.48 2.38 0.00
NARROWS_GT1_8 24235	34.23 2.27 0.00	31.15 2.15 -0.01	28.90 2.02 0.00	27.64 1.83 0.00	27.24 1.76 0.00	27.38 1.55 0.00	27.59 1.73 0.00	26.37 1.70 -4.13	27.56 2.16 0.00	31.84 2.60 0.00	34.28 2.79 -0.82	34.94 2.67 -1.55	38.69 3.30 -2.76	40.80 3.41 -2.96	38.93 3.61 0.00	47.13 4.25 0.00	51.86 4.88 0.00	59.39 4.92 -2.73	56.40 4.14 -2.99	53.76 4.03 0.00	42.99 2.58 -0.17	41.10 2.90 0.00	38.19 2.89 0.00	35.48 2.38 0.00
NARROWS_GT2_1 24236	34.23 2.27 0.00	31.15 2.15 -0.01	28.90 2.02 0.00	27.64 1.83 0.00	27.24 1.76 0.00	27.38 1.55 0.00	27.59 1.73 0.00	26.37 1.70 -4.13	27.56 2.16 0.00	31.84 2.60 0.00	34.28 2.79 -0.82	34.94 2.67 -1.55	38.69 3.30 -2.76	40.80 3.41 -2.96	38.93 3.61 0.00	47.13 4.25 0.00	51.86 4.88 0.00	59.39 4.92 -2.73	56.40 4.14 -2.99	53.76 4.03 0.00	42.99 2.58 -0.17	41.10 2.90 0.00	38.19 2.89 0.00	35.48 2.38 0.00
NARROWS_GT2_2 24237	34.23 2.27 0.00	31.15 2.15 -0.01	28.90 2.02 0.00	27.64 1.83 0.00	27.24 1.76 0.00	27.38 1.55 0.00	27.59 1.73 0.00	26.37 1.70 -4.13	27.56 2.16 0.00	31.84 2.60 0.00	34.28 2.79 -0.82	34.94 2.67 -1.55	38.69 3.30 -2.76	40.80 3.41 -2.96	38.93 3.61 0.00	47.13 4.25 0.00	51.86 4.88 0.00	59.39 4.92 -2.73	56.40 4.14 -2.99	53.76 4.03 0.00	42.99 2.58 -0.17	41.10 2.90 0.00	38.19 2.89 0.00	35.48 2.38 0.00
NARROWS_GT2_3 24238	34.23 2.27 0.00	31.15 2.15 -0.01	28.90 2.02 0.00	27.64 1.83 0.00	27.24 1.76 0.00	27.38 1.55 0.00	27.59 1.73 0.00	26.37 1.70 -4.13	27.56 2.16 0.00	31.84 2.60 0.00	34.28 2.79 -0.82	34.94 2.67 -1.55	38.69 3.30 -2.76	40.80 3.41 -2.96	38.93 3.61 0.00	47.13 4.25 0.00	51.86 4.88 0.00	59.39 4.92 -2.73	56.40 4.14 -2.99	53.76 4.03 0.00	42.99 2.58 -0.17	41.10 2.90 0.00	38.19 2.89 0.00	35.48 2.38 0.00
NARROWS_GT2_4 24239	34.23 2.27 0.00	31.15 2.15 -0.01	28.90 2.02 0.00	27.64 1.83 0.00	27.24 1.76 0.00	27.38 1.55 0.00	27.59 1.73 0.00	26.37 1.70 -4.13	27.56 2.16 0.00	31.84 2.60 0.00	34.28 2.79 -0.82	34.94 2.67 -1.55	38.69 3.30 -2.76	40.80 3.41 -2.96	38.93 3.61 0.00	47.13 4.25 0.00	51.86 4.88 0.00	59.39 4.92 -2.73	56.40 4.14 -2.99	53.76 4.03 0.00	42.99 2.58 -0.17	41.10 2.90 0.00	38.19 2.89 0.00	35.48 2.38 0.00

NARROWS_GT2_5 24240	34.23 2.27 0.00	31.15 2.15 -0.01	28.90 2.02 0.00	27.64 1.83 0.00	27.24 1.76 0.00	27.38 1.55 0.00	27.59 1.73 0.00	26.37 1.70 -4.13	27.56 2.16 0.00	31.84 2.60 0.00	34.28 2.79 -0.82	34.94 2.67 -1.55	38.69 3.30 -2.76	40.80 3.41 -2.96	38.93 3.61 0.00	47.13 4.25 0.00	51.86 4.88 0.00	59.39 4.92 -2.73	56.40 4.14 -2.99	53.76 4.03 0.00	42.99 2.58 -0.17	41.10 2.90 0.00	38.19 2.89 0.00	35.48 2.38 0.00
NARROWS_GT2_6 24241	34.23 2.27 0.00	31.15 2.15 -0.01	28.90 2.02 0.00	27.64 1.83 0.00	27.24 1.76 0.00	27.38 1.55 0.00	27.59 1.73 0.00	26.37 1.70 -4.13	27.56 2.16 0.00	31.84 2.60 0.00	34.28 2.79 -0.82	34.94 2.67 -1.55	38.69 3.30 -2.76	40.80 3.41 -2.96	38.93 3.61 0.00	47.13 4.25 0.00	51.86 4.88 0.00	59.39 4.92 -2.73	56.40 4.14 -2.99	53.76 4.03 0.00	42.99 2.58 -0.17	41.10 2.90 0.00	38.19 2.89 0.00	35.48 2.38 0.00
NARROWS_GT2_7 24242	34.23 2.27 0.00	31.15 2.15 -0.01	28.90 2.02 0.00	27.64 1.83 0.00	27.24 1.76 0.00	27.38 1.55 0.00	27.59 1.73 0.00	26.37 1.70 -4.13	27.56 2.16 0.00	31.84 2.60 0.00	34.28 2.79 -0.82	34.94 2.67 -1.55	38.69 3.30 -2.76	40.80 3.41 -2.96	38.93 3.61 0.00	47.13 4.25 0.00	51.86 4.88 0.00	59.39 4.92 -2.73	56.40 4.14 -2.99	53.76 4.03 0.00	42.99 2.58 -0.17	41.10 2.90 0.00	38.19 2.89 0.00	35.48 2.38 0.00
NARROWS_GT2_8 24243	34.23 2.27 0.00	31.15 2.15 -0.01	28.90 2.02 0.00	27.64 1.83 0.00	27.24 1.76 0.00	27.38 1.55 0.00	27.59 1.73 0.00	26.37 1.70 -4.13	27.56 2.16 0.00	31.84 2.60 0.00	34.28 2.79 -0.82	34.94 2.67 -1.55	38.69 3.30 -2.76	40.80 3.41 -2.96	38.93 3.61 0.00	47.13 4.25 0.00	51.86 4.88 0.00	59.39 4.92 -2.73	56.40 4.14 -2.99	53.76 4.03 0.00	42.99 2.58 -0.17	41.10 2.90 0.00	38.19 2.89 0.00	35.48 2.38 0.00
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	33.84 1.89 0.00	30.74 1.74 0.00	28.39 1.51 0.00	27.27 1.47 0.00	26.86 1.38 0.00	27.22 1.39 0.00	27.23 1.37 0.00	26.59 1.09 -4.97	26.90 1.50 0.00	30.96 1.72 0.00	33.78 1.69 -1.43	35.14 1.72 -2.69	37.52 1.57 -3.32	39.67 1.69 -3.56	37.06 1.73 0.00	44.99 2.10 0.00	49.41 2.44 0.00	59.60 3.10 -4.76	57.44 2.96 -5.21	52.92 3.18 0.00	42.95 2.41 -0.30	40.65 2.44 0.00	37.55 2.26 0.00	34.98 1.89 0.00
NCHELSEA_115KV_TR2 355582	34.00 2.05 0.00	30.91 1.91 0.00	28.63 1.75 0.00	27.43 1.63 0.00	27.01 1.53 0.00	27.35 1.52 0.00	27.41 1.55 0.00	26.17 1.50 -4.14	27.28 1.88 0.00	31.46 2.22 0.00	33.89 2.39 -0.83	34.62 2.34 -1.56	38.11 2.71 -2.76	40.22 2.82 -2.97	38.19 2.86 0.00	46.45 3.56 0.00	51.06 4.09 0.00	58.90 4.40 -2.76	56.14 3.84 -3.02	53.47 3.73 0.00	42.99 2.58 -0.17	40.80 2.60 0.00	37.69 2.40 0.00	35.08 1.99 0.00
NEG CAPITAL___MECHNVIL 23645	34.16 2.20 0.00	31.00 2.00 0.00	28.72 1.83 0.00	27.56 1.76 0.00	27.14 1.66 0.00	27.46 1.63 0.00	27.54 1.68 0.00	27.48 1.48 -5.46	27.25 1.85 0.00	31.46 2.22 0.00	35.60 2.39 -2.54	37.93 2.43 -4.78	38.67 2.38 -3.65	40.89 2.55 -3.91	37.84 2.51 0.00	46.02 3.13 0.00	50.50 3.52 0.00	64.32 4.14 -8.45	62.41 3.89 -9.25	53.66 3.93 0.00	44.10 3.34 -0.52	41.29 3.09 0.00	38.08 2.79 0.00	35.41 2.32 0.00
NEG CENTRAL_HIGH_ACRES 23767	31.77 -0.19 0.00	28.80 -0.20 0.00	26.54 -0.35 0.00	25.16 -0.64 0.00	24.72 -0.76 0.00	25.49 -0.34 0.00	25.39 -0.46 0.00	20.73 -0.27 -0.46	25.17 -0.23 0.00	29.03 -0.20 0.00	30.78 0.03 -0.09	31.07 0.19 -0.16	33.05 0.10 -0.31	34.93 0.17 -0.33	35.43 0.11 0.00	43.15 0.26 0.00	47.37 0.24 -0.16	53.17 0.78 -0.66	50.30 0.44 -0.58	50.52 0.50 -0.29	41.14 0.88 -0.02	38.77 0.57 0.00	35.47 0.18 0.00	33.10 0.00 0.00
NEG CENTRAL___DRP 24199	32.18 0.22 0.00	29.23 0.23 0.00	27.07 0.19 0.00	25.75 -0.05 0.00	25.36 -0.13 0.00	26.04 0.21 0.00	25.96 0.10 0.00	21.16 0.12 -0.50	25.63 0.23 0.00	29.59 0.35 0.00	31.34 0.58 -0.10	31.58 0.68 -0.18	33.30 0.33 -0.34	35.13 0.34 -0.36	35.86 0.53 0.00	43.62 0.73 0.00	48.24 0.85 -0.43	54.64 1.60 -1.30	51.56 1.23 -1.05	51.88 1.39 -0.75	41.63 1.37 -0.02	39.31 1.11 0.00	36.11 0.81 0.00	33.53 0.43 0.00
NEG CENTRAL___INDECK 23768	33.52 1.57 0.00	30.39 1.39 0.00	27.96 1.08 0.00	26.40 0.59 0.00	25.89 0.41 0.00	26.86 1.03 0.00	26.71 0.85 0.00	21.84 0.64 -0.66	26.16 0.76 0.00	30.11 0.88 0.00	31.90 1.10 -0.13	32.24 1.26 -0.25	33.87 0.78 -0.44	35.66 0.76 -0.48	35.22 -0.11 0.00	42.72 -0.17 0.00	45.98 -0.99 0.00	52.08 -0.10 -0.45	49.86 0.10 -0.49	50.38 0.64 0.00	41.68 1.41 -0.03	39.27 1.07 0.00	36.81 1.52 0.00	35.15 2.05 0.00
NEG CENTRAL___SENECA 23627	32.34 0.38 0.00	29.41 0.41 0.00	27.24 0.35 0.00	25.83 0.03 0.00	25.41 -0.08 0.00	26.19 0.36 0.00	26.09 0.23 0.00	21.32 0.23 -0.56	25.78 0.38 0.00	29.73 0.50 0.00	31.60 0.83 -0.11	31.82 0.89 -0.21	33.47 0.46 -0.37	35.34 0.52 -0.40	36.00 0.67 0.00	43.87 0.99 0.00	48.32 1.13 -0.22	54.62 2.02 -0.86	51.60 1.58 -0.76	51.81 1.69 -0.38	41.95 1.69 -0.02	39.58 1.38 0.00	36.32 1.02 0.00	33.73 0.63 0.00
NEG CENTRAL___STATE_STREET 24147	32.50 0.54 0.00	29.46 0.46 0.00	27.29 0.40 0.00	26.04 0.23 0.00	25.64 0.15 0.00	26.19 0.36 0.00	26.14 0.28 0.00	21.29 0.27 -0.49	25.80 0.41 0.00	29.79 0.56 0.00	31.34 0.58 -0.10	31.58 0.68 -0.18	33.43 0.46 -0.33	35.26 0.48 -0.35	36.00 0.67 0.00	43.70 0.81 0.00	48.85 1.27 -0.61	55.57 2.12 -1.72	52.34 1.72 -1.35	52.65 1.84 -1.08	41.95 1.69 -0.02	39.61 1.41 0.00	36.42 1.13 0.00	33.83 0.73 0.00
NEG MILLWOOD___DRP 24198	34.16 2.21 0.00	31.09 2.09 0.00	28.79 1.91 0.00	27.56 1.75 0.00	27.12 1.63 0.00	27.48 1.65 0.00	27.54 1.68 0.00	26.41 1.68 -4.19	27.51 2.11 0.00	31.78 2.54 0.00	34.23 2.73 -0.84	35.01 2.70 -1.58	38.77 3.33 -2.80	40.94 3.51 -3.00	38.86 3.53 0.00	47.22 4.33 0.00	51.90 4.93 0.00	59.54 5.02 -2.79	56.71 4.39 -3.05	54.01 4.28 0.00	43.47 3.06 -0.17	41.18 2.98 0.00	37.91 2.61 0.00	35.22 2.12 0.00
NEG NORTH_FLCN_SEA 23793	32.37 0.42 0.00	29.38 0.38 0.00	27.21 0.32 0.00	26.22 0.41 0.00	25.99 0.51 0.00	26.19 0.36 0.00	26.22 0.36 0.00	20.58 0.04 0.00	25.45 0.05 0.00	29.24 0.00 0.00	30.42 -0.25 0.00	30.48 -0.25 0.00	32.41 -0.23 0.00	34.22 -0.21 0.00	35.22 -0.11 0.00	42.59 -0.30 0.00	46.36 -0.61 0.00	51.01 -0.72 0.00	49.03 -0.25 0.00	49.39 -0.35 0.00	40.04 -0.20 0.00	38.01 -0.19 0.00	35.22 -0.07 0.00	33.33 0.23 0.00
NEG NORTH_KES_CHATEGAY 23792	32.02 0.06 0.00	29.06 0.06 0.00	26.91 0.03 0.00	25.96 0.15 0.00	25.74 0.25 0.00	25.91 0.08 0.00	25.94 0.08 0.00	20.35 -0.18 0.00	25.14 -0.25 0.00	28.88 -0.35 0.00	30.08 -0.58 0.00	30.11 -0.61 0.00	32.02 -0.62 0.00	33.81 -0.62 0.00	34.73 -0.60 0.00	42.07 -0.81 0.00	45.80 -1.17 0.00	50.34 -1.40 0.00	48.43 -0.84 0.00	48.79 -0.94 0.00	39.56 -0.68 0.00	37.55 -0.65 0.00	34.80 -0.49 0.00	32.97 -0.13 0.00

NEG NORTH___ALICE_FALLS 23915	32.37 0.42 0.00	29.35 0.35 0.00	27.18 0.30 0.00	26.19 0.39 0.00	25.99 0.51 0.00	26.17 0.34 0.00	26.19 0.34 0.00	20.55 0.02 0.00	25.42 0.03 0.00	29.21 -0.03 0.00	30.36 -0.31 0.00	30.45 -0.28 0.00	32.38 -0.26 0.00	34.19 -0.24 0.00	35.22 -0.11 0.00	42.59 -0.30 0.00	46.27 -0.70 0.00	50.96 -0.78 0.00	49.03 -0.25 0.00	49.39 -0.35 0.00	40.08 -0.16 0.00	38.01 -0.19 0.00	35.19 -0.11 0.00	33.30 0.20 0.00
NEG NORTH___LWR_SARANAC 23913	32.37 0.42 0.00	29.35 0.35 0.00	27.18 0.30 0.00	26.19 0.39 0.00	25.99 0.51 0.00	26.17 0.34 0.00	26.19 0.34 0.00	20.55 0.02 0.00	25.42 0.03 0.00	29.21 -0.03 0.00	30.36 -0.31 0.00	30.45 -0.28 0.00	32.38 -0.26 0.00	34.19 -0.24 0.00	35.22 -0.11 0.00	42.59 -0.30 0.00	46.27 -0.70 0.00	50.96 -0.78 0.00	49.03 -0.25 0.00	49.39 -0.35 0.00	40.08 -0.16 0.00	38.01 -0.19 0.00	35.19 -0.11 0.00	33.30 0.20 0.00
NEG NORTH___PLATTSBURG 23628	32.37 0.41 0.00	29.35 0.35 0.00	27.18 0.30 0.00	26.22 0.41 0.00	25.99 0.51 0.00	26.24 0.41 0.00	26.19 0.34 0.00	20.58 0.04 0.00	25.45 0.05 0.00	29.21 -0.03 0.00	30.36 -0.31 0.00	30.45 -0.28 0.00	32.38 -0.26 0.00	34.19 -0.24 0.00	35.22 -0.11 0.00	42.59 -0.30 0.00	46.31 -0.66 0.00	51.06 -0.67 0.00	49.03 -0.25 0.00	49.39 -0.35 0.00	40.08 -0.16 0.00	38.01 -0.19 0.00	35.19 -0.11 0.00	33.30 0.20 0.00
NEG WEST_LEA_LOCKPORT 23791	32.34 0.38 0.00	29.29 0.29 0.00	27.13 0.24 0.00	25.31 -0.49 0.00	24.72 -0.76 0.00	26.06 0.23 0.00	25.83 -0.03 0.00	20.93 -0.18 -0.58	25.27 -0.13 0.00	29.03 -0.20 0.00	30.87 0.09 -0.12	31.25 0.31 -0.22	33.03 0.00 -0.39	34.88 0.03 -0.42	35.54 0.21 0.00	43.32 0.43 0.00	47.30 0.33 0.00	53.10 0.98 -0.38	49.84 0.15 -0.42	50.23 0.50 0.00	41.51 1.25 -0.02	39.00 0.80 0.00	35.75 0.46 0.00	33.56 0.46 0.00
NEG WEST___LANCASTR 23811	32.34 0.38 0.00	29.29 0.29 0.00	27.10 0.22 0.00	25.42 -0.39 0.00	24.87 -0.61 0.00	26.11 0.28 0.00	25.96 0.10 0.00	20.66 -0.55 -0.68	25.58 0.18 0.00	29.41 0.18 0.00	31.29 0.49 -0.14	31.69 0.71 -0.26	32.41 -0.69 -0.45	34.23 -0.69 -0.49	35.86 0.53 0.00	43.74 0.86 0.00	47.86 0.89 0.00	53.90 1.71 -0.46	50.51 0.74 -0.50	50.73 0.99 0.00	41.80 1.53 -0.03	39.31 1.11 0.00	36.14 0.85 0.00	33.76 0.66 0.00
NEG_PENN_ALLEGHNY 23528	32.53 0.58 0.00	29.52 0.52 0.00	27.29 0.40 0.00	26.04 0.23 0.00	25.61 0.13 0.00	26.22 0.39 0.00	26.22 0.36 0.00	22.08 0.33 -1.22	25.83 0.43 0.00	29.88 0.64 0.00	31.80 0.86 -0.27	32.16 0.92 -0.51	34.10 0.65 -0.81	35.99 0.69 -0.87	36.21 0.88 0.00	44.04 1.16 0.00	48.36 1.13 -0.26	55.05 1.81 -1.50	52.22 1.53 -1.42	51.74 1.54 -0.46	41.74 1.45 -0.06	39.46 1.26 0.00	36.35 1.06 0.00	33.82 0.73 0.00
NEG___GEN_MONROE 24207	32.44 0.48 0.00	29.35 0.35 0.00	27.18 0.30 0.00	25.60 -0.21 0.00	25.13 -0.36 0.00	26.17 0.34 0.00	25.99 0.13 0.00	21.16 0.14 -0.48	25.55 0.15 0.00	29.44 0.20 0.00	31.25 0.49 -0.09	31.63 0.74 -0.17	33.65 0.69 -0.32	35.60 0.83 -0.35	36.21 0.88 0.00	44.13 1.24 0.00	47.86 0.89 0.00	53.64 1.60 -0.30	50.64 1.03 -0.33	50.98 1.24 0.00	41.87 1.61 -0.02	39.42 1.22 0.00	36.07 0.78 0.00	33.86 0.76 0.00
NEPA___ENERGY 23901	32.72 0.77 0.00	29.67 0.67 0.00	27.42 0.54 0.00	25.75 -0.05 0.00	25.20 -0.28 0.00	26.45 0.62 0.00	26.32 0.47 0.00	21.39 0.16 -0.69	25.96 0.56 0.00	29.85 0.61 0.00	31.69 0.89 -0.14	32.06 1.08 -0.26	33.49 0.39 -0.46	35.37 0.45 -0.49	36.32 0.99 0.00	44.26 1.37 0.00	48.47 1.50 0.00	54.53 2.33 -0.46	51.11 1.33 -0.51	51.28 1.54 0.00	42.24 1.97 -0.03	39.77 1.57 0.00	36.56 1.27 0.00	34.12 1.03 0.00
NEVERSINK___HYD 23608	33.30 1.34 0.00	30.19 1.19 0.00	27.96 1.08 0.00	26.86 1.06 0.00	26.43 0.94 0.00	26.73 0.90 0.00	26.82 0.96 0.00	25.06 0.97 -3.56	26.62 1.22 0.00	30.70 1.46 0.00	32.89 1.47 -0.75	33.58 1.44 -1.41	36.75 1.73 -2.38	38.70 1.72 -2.55	36.00 0.67 0.00	43.79 0.90 0.00	48.61 1.64 0.00	55.89 1.66 -2.50	53.38 1.38 -2.73	51.08 1.34 0.00	42.09 1.69 -0.15	39.96 1.76 0.00	36.95 1.66 0.00	34.32 1.23 0.00
NEWKRMKL_115KV_TB1 55635	32.98 1.02 0.00	30.01 1.01 0.00	27.80 0.91 0.00	26.68 0.88 0.00	26.30 0.82 0.00	26.66 0.83 0.00	26.71 0.85 0.00	26.72 0.84 -5.34	26.49 1.09 0.00	30.43 1.20 0.00	33.92 1.32 -1.94	35.69 1.32 -3.64	37.58 1.37 -3.57	39.73 1.48 -3.83	36.78 1.45 0.00	44.64 1.76 0.00	48.94 1.97 0.00	60.44 2.28 -6.43	58.33 2.02 -7.04	51.73 1.99 0.00	42.17 1.53 -0.40	39.69 1.49 0.00	36.64 1.34 0.00	34.16 1.06 0.00
NEWTON___FALLS_HYD 23847	31.83 -0.13 0.00	28.85 -0.15 0.00	26.72 -0.16 0.00	25.70 -0.10 0.00	25.46 -0.03 0.00	25.62 -0.21 0.00	25.42 -0.44 0.00	20.01 -0.64 -0.11	24.61 -0.79 0.00	28.33 -0.91 0.00	29.62 -1.04 0.00	29.74 -0.98 0.00	31.67 -1.04 -0.07	33.37 -1.14 -0.08	34.06 -1.27 0.00	41.26 -1.63 0.00	45.35 -1.88 -0.25	50.35 -1.97 -0.58	48.26 -1.43 -0.42	48.84 -1.34 -0.45	39.32 -0.93 0.00	37.44 -0.76 0.00	34.84 -0.46 0.00	32.90 -0.20 0.00
NGRID_A1_DSASP 323792	31.61 -0.35 0.00	28.74 -0.26 0.00	26.29 -0.59 0.00	24.90 -0.90 0.00	24.21 -1.27 0.00	25.44 -0.39 0.00	25.29 -0.57 0.00	20.57 -0.55 -0.59	24.76 -0.63 0.00	28.51 -0.73 0.00	30.17 -0.61 -0.12	30.55 -0.40 -0.22	32.38 -0.65 -0.40	34.20 -0.66 -0.43	34.73 -0.60 0.00	42.29 -0.60 0.00	46.03 -0.94 0.00	51.61 -0.52 -0.39	48.76 -0.94 -0.43	48.79 -0.95 0.00	40.59 0.32 -0.02	38.05 -0.15 0.00	34.87 -0.42 0.00	32.90 -0.20 0.00
NGRID_A2_DSASP 323793	31.61 -0.35 0.00	28.74 -0.26 0.00	26.29 -0.59 0.00	24.90 -0.90 0.00	24.21 -1.27 0.00	25.44 -0.39 0.00	25.29 -0.57 0.00	20.57 -0.55 -0.59	24.76 -0.63 0.00	28.51 -0.73 0.00	30.17 -0.61 -0.12	30.55 -0.40 -0.22	32.38 -0.65 -0.40	34.20 -0.66 -0.43	34.73 -0.60 0.00	42.29 -0.60 0.00	46.03 -0.94 0.00	51.61 -0.52 -0.39	48.76 -0.94 -0.43	48.79 -0.95 0.00	40.59 0.32 -0.02	38.05 -0.15 0.00	34.87 -0.42 0.00	32.90 -0.20 0.00
NGRID_A4_DSASP 323807	31.61 -0.35 0.00	28.56 -0.44 0.00	26.48 -0.40 0.00	24.69 -1.11 0.00	24.47 -1.02 0.00	25.80 -0.03 0.00	25.31 -0.54 0.00	20.57 -0.55 -0.59	24.76 -0.63 0.00	28.45 -0.79 0.00	30.17 -0.61 -0.12	30.55 -0.40 -0.22	32.38 -0.65 -0.40	34.20 -0.65 -0.43	34.73 -0.60 0.00	42.37 -0.51 0.00	46.31 -0.66 0.00	51.87 -0.26 -0.39	48.66 -1.03 -0.43	49.09 -0.65 0.00	40.55 0.28 -0.02	38.09 -0.11 0.00	34.94 -0.35 0.00	32.90 -0.20 0.00
NIAGARA_115E_LBMP 323715	31.89 -0.06 0.00	29.06 0.06 0.00	26.59 -0.30 0.00	24.72 -1.08 0.00	24.46 -1.02 0.00	25.73 -0.10 0.00	25.42 -0.44 0.00	20.60 -0.53 -0.60	24.79 -0.61 0.00	28.59 -0.64 0.00	30.26 -0.52 -0.12	30.64 -0.31 -0.22	32.45 -0.59 -0.40	34.27 -0.59 -0.43	34.83 -0.49 0.00	42.42 -0.47 0.00	46.13 -0.84 0.00	51.82 -0.31 -0.39	48.96 -0.74 -0.43	49.04 -0.70 0.00	40.75 0.48 -0.02	38.20 0.00 0.00	35.01 -0.28 0.00	33.03 -0.07 0.00

NIAGARA_115W_LBMP 323714	31.51 -0.45 0.00	28.65 -0.35 0.00	26.24 -0.65 0.00	24.85 -0.95 0.00	24.13 -1.35 0.00	25.37 -0.46 0.00	25.21 -0.65 0.00	20.51 -0.62 -0.59	24.69 -0.71 0.00	28.45 -0.79 0.00	30.08 -0.70 -0.12	30.45 -0.49 -0.22	32.29 -0.75 -0.40	34.10 -0.76 -0.42	34.62 -0.71 0.00	42.16 -0.73 0.00	45.89 -1.08 0.00	51.51 -0.62 -0.39	48.61 -1.08 -0.43	48.69 -1.05 0.00	40.47 0.20 -0.02	37.97 -0.23 0.00	34.77 -0.53 0.00	32.80 -0.30 0.00
NIAGARA_230_LBMP 323716	31.89 -0.06 0.00	29.00 0.00 0.00	26.56 -0.32 0.00	24.95 -0.85 0.00	24.49 -0.99 0.00	25.70 -0.13 0.00	25.55 -0.31 0.00	20.77 -0.35 -0.59	25.02 -0.38 0.00	28.83 -0.41 0.00	30.50 -0.28 -0.12	30.85 -0.09 -0.22	32.70 -0.33 -0.39	34.54 -0.31 -0.42	35.12 -0.21 0.00	42.80 -0.09 0.00	46.55 -0.42 0.00	52.22 0.10 -0.38	49.30 -0.40 -0.42	49.39 -0.35 0.00	41.03 0.76 -0.02	38.47 0.27 0.00	35.22 -0.07 0.00	33.20 0.10 0.00
NIAGARA__115KV_198_GIBSON 55903	31.51 -0.45 0.00	28.51 -0.49 0.00	26.40 -0.48 0.00	24.64 -1.16 0.00	24.41 -1.07 0.00	25.75 -0.08 0.00	25.24 -0.62 0.00	20.53 -0.60 -0.59	24.69 -0.71 0.00	28.36 -0.88 0.00	30.08 -0.71 -0.12	30.45 -0.49 -0.22	32.29 -0.75 -0.40	34.10 -0.76 -0.42	34.66 -0.67 0.00	42.24 -0.64 0.00	46.17 -0.80 0.00	51.71 -0.41 -0.39	48.52 -1.18 -0.43	48.94 -0.80 0.00	40.47 0.20 -0.02	37.97 -0.23 0.00	34.84 -0.46 0.00	32.80 -0.30 0.00
NIAGARA____ 23760	31.64 -0.32 0.00	28.77 -0.23 0.00	26.35 -0.54 0.00	24.77 -1.03 0.00	24.26 -1.22 0.00	25.49 -0.34 0.00	25.29 -0.57 0.00	20.59 -0.53 -0.59	24.79 -0.61 0.00	28.59 -0.64 0.00	30.29 -0.49 -0.12	30.67 -0.28 -0.22	32.48 -0.56 -0.39	34.30 -0.55 -0.42	34.87 -0.46 0.00	42.50 -0.39 0.00	46.22 -0.75 0.00	51.92 -0.21 -0.39	49.01 -0.69 -0.42	49.04 -0.70 0.00	40.75 0.48 -0.02	38.20 0.00 0.00	34.98 -0.32 0.00	32.90 -0.20 0.00
NINE_MILE_1 23575	31.06 -0.89 0.00	28.16 -0.84 0.00	26.08 -0.81 0.00	24.95 -0.85 0.00	24.59 -0.89 0.00	25.03 -0.80 0.00	25.03 -0.83 0.00	20.21 -0.57 -0.25	24.69 -0.71 0.00	28.45 -0.79 0.00	29.90 -0.77 0.00	30.02 -0.71 0.00	31.99 -0.81 -0.16	33.75 -0.86 -0.18	34.45 -0.88 0.00	41.82 -1.07 0.00	41.95 -1.22 3.80	41.89 -1.14 8.70	41.92 -1.13 6.22	41.92 -1.14 6.68	39.44 -0.80 0.00	37.40 -0.80 0.00	34.48 -0.81 0.00	32.21 -0.89 0.00
NINE_MILE_2 23744	31.06 -0.89 0.00	28.16 -0.84 0.00	26.08 -0.81 0.00	24.95 -0.85 0.00	24.59 -0.89 0.00	25.03 -0.80 0.00	25.03 -0.83 0.00	20.21 -0.57 -0.25	24.69 -0.71 0.00	28.45 -0.79 0.00	29.90 -0.77 0.00	30.02 -0.71 0.00	31.99 -0.81 -0.16	33.75 -0.86 -0.18	34.45 -0.88 0.00	41.82 -1.07 0.00	41.90 -1.22 3.85	41.76 -1.14 8.83	41.83 -1.13 6.31	41.82 -1.14 6.78	39.44 -0.80 0.00	37.40 -0.80 0.00	34.48 -0.81 0.00	32.21 -0.89 0.00
NM_CAPITAL____DRP 24208	33.08 1.12 0.00	30.10 1.10 0.00	27.88 0.99 0.00	26.78 0.98 0.00	26.38 0.89 0.00	26.73 0.90 0.00	26.81 0.96 0.00	26.76 0.90 -5.32	26.57 1.17 0.00	30.55 1.32 0.00	33.99 1.41 -1.92	35.74 1.41 -3.60	37.63 1.44 -3.55	39.79 1.55 -3.81	36.85 1.52 0.00	44.77 1.89 0.00	49.13 2.16 0.00	60.53 2.43 -6.36	58.36 2.12 -6.97	51.87 2.14 0.00	42.29 1.65 -0.39	39.80 1.60 0.00	36.74 1.45 0.00	34.26 1.16 0.00
NM_CENTRAL____DRP 24181	31.67 -0.29 0.00	28.68 -0.32 0.00	26.62 -0.27 0.00	25.44 -0.36 0.00	25.08 -0.41 0.00	25.60 -0.23 0.00	25.55 -0.31 0.00	20.74 -0.14 -0.35	25.25 -0.15 0.00	29.09 -0.15 0.00	30.60 -0.06 0.00	30.76 0.03 0.00	32.77 -0.10 -0.23	34.57 -0.10 -0.25	35.26 -0.07 0.00	42.84 -0.04 0.00	47.29 -0.05 -0.37	52.89 0.31 -0.84	49.97 0.10 -0.60	50.58 0.20 -0.65	40.48 0.24 0.00	38.35 0.15 0.00	35.33 0.04 0.00	32.90 -0.20 0.00
NM_FRONTIER____DRP 24179	31.51 -0.45 0.00	28.51 -0.49 0.00	26.40 -0.48 0.00	24.64 -1.16 0.00	24.41 -1.07 0.00	25.75 -0.08 0.00	25.24 -0.62 0.00	20.53 -0.60 -0.59	24.69 -0.71 0.00	28.36 -0.88 0.00	30.08 -0.71 -0.12	30.45 -0.49 -0.22	32.29 -0.75 -0.40	34.10 -0.76 -0.42	34.66 -0.67 0.00	42.24 -0.64 0.00	46.17 -0.80 0.00	51.71 -0.41 -0.39	48.52 -1.18 -0.43	48.94 -0.80 0.00	40.47 0.20 -0.02	37.97 -0.23 0.00	34.84 -0.46 0.00	32.80 -0.30 0.00
NM_ST_REGIS____HYD 24053	31.86 -0.10 0.00	28.91 -0.09 0.00	26.78 -0.11 0.00	25.83 0.03 0.00	25.64 0.15 0.00	25.67 -0.15 0.00	25.47 -0.39 0.00	19.79 -0.74 0.00	24.46 -0.94 0.00	28.15 -1.08 0.00	29.38 -1.29 0.00	29.43 -1.29 0.00	31.30 -1.34 0.00	33.02 -1.41 0.00	33.88 -1.45 0.00	41.00 -1.89 0.00	44.69 -2.40 -0.12	49.31 -2.69 -0.26	47.44 -2.02 -0.19	47.80 -2.14 -0.20	38.63 -1.61 0.00	36.83 -1.38 0.00	34.41 -0.88 0.00	32.87 -0.23 0.00
NORTHPORT____1 23551	40.94 2.52 -6.46	38.87 2.35 -7.52	36.77 2.26 -7.63	32.66 2.14 -4.72	30.23 2.09 -2.65	30.33 2.04 -2.46	31.19 2.25 -3.08	31.46 2.10 -8.83	34.27 2.64 -6.23	40.32 3.04 -8.04	48.08 3.04 -14.38	49.78 2.89 -16.17	58.12 3.07 -22.41	62.60 3.24 -24.94	62.08 3.29 -23.47	71.75 4.03 -24.84	88.82 4.61 -37.24	65.27 4.76 -8.78	65.04 4.19 -11.59	60.44 4.08 -6.63	52.75 2.77 -9.74	49.47 3.25 -8.02	48.05 3.04 -9.72	46.44 2.61 -10.73
NORTHPORT____2 23552	40.94 2.52 -6.46	38.87 2.35 -7.52	36.77 2.26 -7.63	32.66 2.14 -4.72	30.23 2.09 -2.65	30.33 2.04 -2.46	31.19 2.25 -3.08	31.46 2.10 -8.83	34.27 2.64 -6.23	40.32 3.04 -8.04	48.08 3.04 -14.38	49.78 2.89 -16.17	58.12 3.07 -22.41	62.60 3.24 -24.94	62.08 3.29 -23.47	71.75 4.03 -24.84	88.82 4.61 -37.24	65.27 4.76 -8.78	65.04 4.19 -11.59	60.44 4.08 -6.63	52.75 2.77 -9.74	49.47 3.25 -8.02	48.05 3.04 -9.72	46.44 2.61 -10.73
NORTHPORT____3 23553	41.30 2.88 -6.46	39.13 2.61 -7.52	36.96 2.45 -7.63	32.84 2.32 -4.72	30.38 2.24 -2.65	30.48 2.19 -2.46	31.34 2.41 -3.08	31.57 2.20 -8.83	34.41 2.77 -6.24	40.45 3.16 -8.05	48.33 3.28 -14.38	49.88 2.95 -16.21	58.57 3.53 -22.40	62.96 3.58 -24.95	62.50 3.71 -23.46	72.22 4.50 -24.83	89.42 5.21 -37.24	65.99 5.48 -8.77	65.73 4.88 -11.58	61.32 4.82 -6.76	53.39 3.42 -9.73	49.51 3.17 -8.14	48.33 3.32 -9.72	46.75 2.91 -10.74
NORTHPORT____4 23650	41.30 2.88 -6.46	39.13 2.61 -7.52	36.96 2.45 -7.63	32.84 2.32 -4.72	30.38 2.24 -2.65	30.48 2.19 -2.46	31.34 2.41 -3.08	31.57 2.20 -8.83	34.41 2.77 -6.24	40.45 3.16 -8.05	48.33 3.28 -14.38	49.88 2.95 -16.21	58.57 3.53 -22.40	62.96 3.58 -24.95	62.50 3.71 -23.46	72.22 4.50 -24.83	89.42 5.21 -37.24	65.99 5.48 -8.77	65.73 4.88 -11.58	61.32 4.82 -6.76	53.39 3.42 -9.73	49.51 3.17 -8.14	48.33 3.32 -9.72	46.75 2.91 -10.74
NORTHPORT____IC 23718	40.94 2.52 -6.46	38.87 2.35 -7.52	36.77 2.26 -7.63	32.66 2.14 -4.72	30.23 2.09 -2.65	30.33 2.04 -2.46	31.19 2.25 -3.08	31.46 2.10 -8.83	34.27 2.64 -6.23	40.32 3.04 -8.04	48.08 3.04 -14.38	49.78 2.89 -16.17	58.12 3.07 -22.41	62.60 3.24 -24.94	62.08 3.29 -23.47	71.75 4.03 -24.84	88.82 4.61 -37.24	65.27 4.76 -8.78	65.04 4.19 -11.59	60.44 4.08 -6.63	52.75 2.77 -9.74	49.47 3.25 -8.02	48.05 3.04 -9.72	46.44 2.61 -10.73

NORTH__COUNTRY_ESR 323785	31.93 -0.03 0.00	28.97 -0.03 0.00	26.86 -0.03 0.00	25.91 0.10 0.00	25.69 0.20 0.00	25.91 0.08 0.00	25.88 0.03 0.00	20.31 -0.23 0.00	25.12 -0.28 0.00	28.83 -0.41 0.00	30.02 -0.65 0.00	30.05 -0.68 0.00	31.95 -0.69 0.00	33.74 -0.69 0.00	34.69 -0.63 0.00	41.98 -0.90 0.00	45.80 -1.17 0.00	50.39 -1.35 0.00	48.29 -0.99 0.00	48.69 -1.05 0.00	39.44 -0.80 0.00	37.44 -0.76 0.00	34.69 -0.60 0.00	32.90 -0.20 0.00
NPX_GEN_1385_PROXY 323591	40.01 1.60 -6.46	38.26 1.74 -7.52	36.21 1.69 -7.63	32.33 1.81 -4.72	29.89 1.76 -2.65	30.17 1.88 -2.46	30.82 1.89 -3.08	31.34 1.97 -8.83	33.94 2.31 -6.23	39.70 2.43 -8.04	46.28 2.11 -13.50	48.99 2.09 -16.17	49.99 2.09 -15.26	51.67 2.21 -15.04	52.17 2.23 -14.61	55.06 2.75 -9.43	60.15 3.05 -10.13	63.98 3.47 -8.78	64.06 3.20 -11.59	59.20 2.83 -6.63	51.67 1.69 -9.74	48.13 1.91 -8.02	46.85 1.83 -9.72	44.89 1.49 -10.30
NPX_GEN_CSC 323557	41.35 2.94 -6.46	39.19 2.67 -7.52	37.28 2.77 -7.63	33.10 2.58 -4.72	30.66 2.52 -2.65	30.72 2.43 -2.46	31.73 2.79 -3.08	31.69 2.32 -8.83	34.68 3.05 -6.23	40.70 3.42 -8.04	48.66 3.62 -14.38	51.39 3.62 -17.04	60.14 4.01 -23.49	63.64 4.23 -24.98	63.08 4.27 -23.48	73.05 5.27 -24.89	100.00 5.78 -47.25	98.84 6.21 -40.90	73.96 5.57 -19.12	67.39 5.62 -12.04	60.23 3.90 -16.09	54.18 4.01 -11.97	48.75 3.74 -9.72	46.94 3.11 -10.73
NSINS_S_GLNS_FALLS 23858	34.35 2.40 0.00	31.12 2.12 0.00	28.74 1.86 0.00	27.58 1.78 0.00	27.19 1.71 0.00	27.51 1.68 0.00	27.51 1.65 0.00	27.56 1.52 -5.51	27.33 1.93 0.00	31.54 2.31 0.00	35.73 2.42 -2.64	38.14 2.46 -4.96	38.64 2.32 -3.68	40.72 2.34 -3.95	37.55 2.23 0.00	45.59 2.70 0.00	50.02 3.05 0.00	64.33 3.83 -8.76	62.71 3.84 -9.59	53.57 3.83 0.00	44.57 3.78 -0.54	41.56 3.36 0.00	38.33 3.04 0.00	35.58 2.48 0.00
NUCOR_STEEL__DRP 24197	32.34 0.38 0.00	29.32 0.32 0.00	27.15 0.27 0.00	25.93 0.13 0.00	25.54 0.05 0.00	26.09 0.26 0.00	26.01 0.16 0.00	21.17 0.16 -0.47	25.68 0.28 0.00	29.62 0.38 0.00	31.31 0.55 -0.09	31.54 0.65 -0.17	33.38 0.42 -0.32	35.21 0.45 -0.34	35.96 0.64 0.00	43.66 0.77 0.00	48.57 0.94 -0.66	55.21 1.66 -1.82	52.02 1.33 -1.41	52.29 1.39 -1.16	41.63 1.37 -0.02	39.35 1.15 0.00	36.18 0.88 0.00	33.63 0.53 0.00
NUMBER_THREE_WT_PWR 323818	32.15 0.19 0.00	29.12 0.12 0.00	26.97 0.08 0.00	25.86 0.05 0.00	25.56 0.08 0.00	25.88 0.05 0.00	25.75 -0.10 0.00	20.48 -0.21 -0.15	25.17 -0.23 0.00	28.97 -0.26 0.00	30.48 -0.18 0.00	30.60 -0.12 0.00	32.61 -0.13 -0.10	34.33 -0.21 -0.11	34.94 -0.39 0.00	42.42 -0.47 0.00	46.78 -0.52 -0.32	52.17 -0.31 -0.74	49.80 0.00 -0.53	50.51 0.20 -0.57	40.60 0.36 0.00	38.54 0.34 0.00	35.65 0.35 0.00	33.30 0.20 0.00
NYISO_LBMP_REFERENCE 24008	31.96 0.00 0.00	29.00 0.00 0.00	26.89 0.00 0.00	25.80 0.00 0.00	25.49 0.00 0.00	25.83 0.00 0.00	25.86 0.00 0.00	20.53 0.00 0.00	25.40 0.00 0.00	29.24 0.00 0.00	30.66 0.00 0.00	30.72 0.00 0.00	32.64 0.00 0.00	34.43 0.00 0.00	35.33 0.00 0.00	42.89 0.00 0.00	46.97 0.00 0.00	51.73 0.00 0.00	49.27 0.00 0.00	49.74 0.00 0.00	40.24 0.00 0.00	38.20 0.00 0.00	35.29 0.00 0.00	33.10 0.00 0.00
NYPA_BRENTWD__GT 24164	41.58 3.16 -6.46	39.39 2.87 -7.52	37.26 2.74 -7.63	33.10 2.58 -4.72	30.66 2.52 -2.65	30.77 2.48 -2.46	31.65 2.71 -3.08	31.79 2.42 -8.83	34.70 3.07 -6.23	40.88 3.59 -8.04	48.79 3.74 -14.38	51.74 3.69 -17.33	59.26 3.92 -22.70	63.53 4.03 -25.07	62.89 4.10 -23.47	72.62 4.89 -24.84	91.69 5.49 -39.22	72.56 5.69 -15.14	67.47 5.12 -13.08	68.19 5.22 -13.24	55.10 3.86 -10.99	55.33 4.16 -12.97	48.93 3.92 -9.72	47.17 3.34 -10.73
NYPA_GOWANUS__GT5 24156	34.23 2.27 0.00	31.15 2.15 -0.01	28.90 2.02 0.00	27.64 1.83 0.00	27.24 1.76 0.00	27.38 1.55 0.00	27.59 1.73 0.00	26.37 1.70 -4.13	27.56 2.16 0.00	31.84 2.60 0.00	34.28 2.79 -0.82	34.94 2.67 -1.55	38.69 3.30 -2.76	40.80 3.41 -2.96	38.93 3.61 0.00	47.13 4.25 0.00	51.81 4.84 0.00	59.39 4.92 -2.73	56.40 4.14 -2.99	53.76 4.03 0.00	42.99 2.58 -0.17	41.10 2.90 0.00	38.19 2.89 0.00	35.48 2.38 0.00
NYPA_GOWANUS__GT6 24157	34.23 2.27 0.00	31.15 2.15 -0.01	28.90 2.02 0.00	27.64 1.83 0.00	27.24 1.76 0.00	27.38 1.55 0.00	27.59 1.73 0.00	26.37 1.70 -4.13	27.56 2.16 0.00	31.84 2.60 0.00	34.28 2.79 -0.82	34.94 2.67 -1.55	38.69 3.30 -2.76	40.80 3.41 -2.96	38.93 3.61 0.00	47.13 4.25 0.00	51.81 4.84 0.00	59.39 4.92 -2.73	56.40 4.14 -2.99	53.76 4.03 0.00	42.99 2.58 -0.17	41.10 2.90 0.00	38.19 2.89 0.00	35.48 2.38 0.00
NYPA_HARLEM__RVR_GT1 24160	34.20 2.24 -0.01	31.10 2.09 -0.01	28.83 1.94 -0.01	27.62 1.81 -0.01	27.25 1.76 -0.01	27.41 1.58 0.00	27.62 1.76 0.00	26.35 1.68 -4.13	27.43 2.03 0.00	31.69 2.46 0.00	34.03 2.54 -0.82	34.70 2.43 -1.55	38.40 3.00 -2.76	40.52 3.13 -2.96	38.61 3.29 0.00	46.92 4.03 0.00	51.62 4.65 0.00	59.13 4.66 -2.73	56.16 3.89 -2.99	53.51 3.78 0.00	42.70 2.29 -0.17	40.87 2.67 0.00	37.97 2.68 0.00	35.39 2.28 -0.01
NYPA_HARLEM__RVR_GT2 24161	34.20 2.24 -0.01	31.10 2.09 -0.01	28.83 1.94 -0.01	27.62 1.81 -0.01	27.25 1.76 -0.01	27.41 1.58 0.00	27.62 1.76 0.00	26.35 1.68 -4.13	27.43 2.03 0.00	31.69 2.46 0.00	34.03 2.54 -0.82	34.70 2.43 -1.55	38.40 3.00 -2.76	40.52 3.13 -2.96	38.61 3.29 0.00	46.92 4.03 0.00	51.62 4.65 0.00	59.13 4.66 -2.73	56.16 3.89 -2.99	53.51 3.78 0.00	42.70 2.29 -0.17	40.87 2.67 0.00	37.97 2.68 0.00	35.39 2.28 -0.01
NYPA_KENT__GT 24152	34.16 2.20 0.00	31.09 2.09 0.00	28.85 1.96 0.00	27.58 1.78 0.00	27.22 1.73 0.00	27.38 1.55 0.00	27.62 1.76 0.00	26.37 1.70 -4.13	27.56 2.16 0.00	31.81 2.57 0.00	34.25 2.76 -0.82	34.92 2.64 -1.55	38.66 3.26 -2.76	40.73 3.34 -2.96	38.86 3.53 0.00	47.05 4.16 0.00	51.71 4.74 0.00	59.28 4.81 -2.73	56.31 4.04 -2.99	53.66 3.93 0.00	42.91 2.50 -0.17	40.99 2.79 0.00	38.08 2.79 0.00	35.41 2.32 0.00
NYPA_POUCH1__GT 24155	34.89 2.17 -0.75	31.12 2.12 -0.01	28.88 1.99 0.00	27.61 1.81 0.00	27.22 1.73 0.00	27.33 1.50 0.00	27.51 1.66 0.00	26.31 1.64 -4.13	27.48 2.08 0.00	31.75 2.51 0.00	35.34 2.67 -2.01	36.21 2.58 -2.90	41.67 3.20 -5.83	37.50 3.27 0.20	36.80 3.46 1.99	42.03 4.08 4.93	44.83 4.74 6.88	68.22 4.76 -11.73	47.08 3.99 6.19	44.63 3.88 8.98	38.76 2.41 3.90	37.74 2.75 3.22	39.79 2.82 -1.68	36.72 2.28 -1.34
NYPA_VERNON__GT2 24162	34.13 2.17 0.00	31.03 2.03 0.00	28.77 1.88 0.00	27.56 1.76 0.00	27.17 1.68 0.00	27.35 1.52 0.00	27.62 1.76 0.00	26.39 1.73 -4.13	27.56 2.16 0.00	31.81 2.57 0.00	34.22 2.73 -0.82	34.88 2.61 -1.55	38.60 3.20 -2.76	40.69 3.31 -2.96	38.79 3.46 0.00	47.00 4.12 0.00	51.67 4.70 0.00	59.18 4.71 -2.73	56.21 3.94 -2.99	53.57 3.83 0.00	42.91 2.50 -0.17	40.91 2.71 0.00	37.97 2.68 0.00	35.32 2.22 0.00

NYPA_VERNON____GT3 24163	34.13 2.17 0.00	31.03 2.03 0.00	28.77 1.88 0.00	27.56 1.76 0.00	27.17 1.68 0.00	27.35 1.52 0.00	27.62 1.76 0.00	26.39 1.73 -4.13	27.56 2.16 0.00	31.81 2.57 0.00	34.22 2.73 -0.82	34.88 2.61 -1.55	38.60 3.20 -2.76	40.69 3.31 -2.96	38.79 3.46 0.00	47.00 4.12 0.00	51.67 4.70 0.00	59.18 4.71 -2.73	56.21 3.94 -2.99	53.57 3.83 0.00	42.91 2.50 -0.17	40.91 2.71 0.00	37.97 2.68 0.00	35.32 2.22 0.00
NYPA____ASTORIA_CC1 323568	34.07 2.11 0.00	31.00 2.00 0.00	28.74 1.85 0.00	27.53 1.73 0.00	27.14 1.66 0.00	27.33 1.50 0.00	27.59 1.73 0.00	26.35 1.68 -4.13	27.50 2.11 0.00	31.75 2.51 0.00	34.15 2.67 -0.82	34.85 2.58 -1.55	38.53 3.13 -2.76	40.62 3.24 -2.96	38.72 3.39 0.00	46.92 4.03 0.00	51.58 4.61 0.00	59.07 4.60 -2.73	56.11 3.85 -2.99	53.47 3.73 0.00	42.83 2.41 -0.17	40.87 2.67 0.00	37.94 2.65 0.00	35.28 2.18 0.00
NYPA____ASTORIA_CC2 323569	34.07 2.11 0.00	31.00 2.00 0.00	28.74 1.85 0.00	27.53 1.73 0.00	27.14 1.66 0.00	27.33 1.50 0.00	27.59 1.73 0.00	26.35 1.68 -4.13	27.50 2.11 0.00	31.75 2.51 0.00	34.15 2.67 -0.82	34.85 2.58 -1.55	38.53 3.13 -2.76	40.62 3.24 -2.96	38.72 3.39 0.00	46.92 4.03 0.00	51.58 4.61 0.00	59.07 4.60 -2.73	56.11 3.85 -2.99	53.47 3.73 0.00	42.83 2.41 -0.17	40.87 2.67 0.00	37.94 2.65 0.00	35.28 2.18 0.00
NYPA____HOLTSVILL 23794	41.35 2.94 -6.46	39.19 2.67 -7.52	37.12 2.61 -7.63	32.97 2.45 -4.72	30.53 2.39 -2.65	30.61 2.33 -2.46	31.52 2.59 -3.08	31.67 2.30 -8.83	34.57 2.94 -6.23	40.64 3.36 -8.04	48.54 3.49 -14.38	51.20 3.44 -17.03	59.86 3.75 -23.47	63.30 3.89 -24.98	62.79 3.99 -23.47	72.62 4.84 -24.89	99.50 5.45 -47.08	97.82 5.74 -40.35	73.39 5.12 -18.99	66.82 5.12 -11.96	59.84 3.62 -15.98	53.94 3.82 -11.92	48.65 3.64 -9.72	46.91 3.08 -10.73
NYPA____HELLGATE_GT1 24158	34.20 2.24 -0.01	31.10 2.09 -0.01	28.83 1.94 -0.01	27.62 1.81 -0.01	27.25 1.76 -0.01	27.41 1.58 0.00	27.62 1.76 0.00	26.35 1.68 -4.13	27.43 2.03 0.00	31.69 2.46 0.00	34.03 2.54 -0.82	34.70 2.43 -1.55	38.40 3.00 -2.76	40.52 3.13 -2.96	38.61 3.29 0.00	46.92 4.03 0.00	51.62 4.65 0.00	59.13 4.66 -2.73	56.16 3.89 -2.99	53.51 3.78 0.00	42.70 2.29 -0.17	40.87 2.67 0.00	37.97 2.68 0.00	35.39 2.28 -0.01
NYPA____HELLGATE_GT2 24159	34.20 2.24 -0.01	31.10 2.09 -0.01	28.83 1.94 -0.01	27.62 1.81 -0.01	27.25 1.76 -0.01	27.41 1.58 0.00	27.62 1.76 0.00	26.35 1.68 -4.13	27.43 2.03 0.00	31.69 2.46 0.00	34.03 2.54 -0.82	34.70 2.43 -1.55	38.40 3.00 -2.76	40.52 3.13 -2.96	38.61 3.29 0.00	46.92 4.03 0.00	51.62 4.65 0.00	59.13 4.66 -2.73	56.16 3.89 -2.99	53.51 3.78 0.00	42.70 2.29 -0.17	40.87 2.67 0.00	37.97 2.68 0.00	35.39 2.28 -0.01
NYS_BARGE____HYD 23848	32.37 0.41 0.00	29.46 0.46 0.00	26.97 0.08 0.00	25.18 -0.62 0.00	24.82 -0.66 0.00	26.06 0.23 0.00	25.81 -0.05 0.00	20.91 -0.21 -0.58	25.19 -0.20 0.00	29.12 -0.12 0.00	30.87 0.09 -0.11	31.25 0.31 -0.21	33.03 0.00 -0.39	34.88 0.03 -0.41	35.51 0.18 0.00	43.23 0.34 0.00	46.92 -0.05 0.00	52.84 0.72 -0.38	49.93 0.25 -0.41	49.99 0.25 0.00	41.55 1.29 -0.02	39.00 0.80 0.00	35.68 0.39 0.00	33.63 0.53 0.00
OAK ORCHARD____HYD 24046	32.40 0.45 0.00	29.38 0.38 0.00	27.05 0.16 0.00	25.57 -0.23 0.00	25.13 -0.36 0.00	26.01 0.18 0.00	25.91 0.05 0.00	21.14 0.12 -0.48	25.65 0.25 0.00	29.53 0.29 0.00	31.22 0.46 -0.09	31.57 0.68 -0.17	33.65 0.69 -0.32	35.56 0.79 -0.34	36.03 0.71 0.00	43.87 0.99 0.00	47.96 0.99 0.00	53.48 1.45 -0.30	50.68 1.08 -0.33	50.88 1.14 0.00	41.83 1.57 -0.02	39.39 1.19 0.00	36.04 0.74 0.00	33.76 0.66 0.00
OAKDALE__35_KV_LOAD 356122	32.40 0.45 0.00	29.38 0.38 0.00	27.21 0.32 0.00	25.96 0.15 0.00	25.54 0.05 0.00	26.17 0.34 0.00	26.12 0.26 0.00	21.98 0.25 -1.20	25.83 0.43 0.00	29.76 0.53 0.00	31.62 0.67 -0.28	31.98 0.74 -0.52	33.97 0.52 -0.80	35.84 0.55 -0.86	36.11 0.78 0.00	43.92 1.03 0.00	48.44 1.22 -0.25	54.89 1.66 -1.50	51.97 1.28 -1.42	51.52 1.34 -0.44	41.55 1.25 -0.06	39.31 1.11 0.00	36.18 0.88 0.00	33.69 0.60 0.00
OCC_CHEM____DRP 24175	31.61 -0.35 0.00	28.56 -0.44 0.00	26.48 -0.40 0.00	24.69 -1.11 0.00	24.47 -1.02 0.00	25.80 -0.03 0.00	25.31 -0.54 0.00	20.57 -0.55 -0.59	24.76 -0.63 0.00	28.45 -0.79 0.00	30.17 -0.61 -0.12	30.55 -0.40 -0.22	32.38 -0.65 -0.40	34.20 -0.65 -0.43	34.73 -0.60 0.00	42.37 -0.51 0.00	46.31 -0.66 0.00	51.87 -0.26 -0.39	48.66 -1.03 -0.43	49.09 -0.65 0.00	40.55 0.28 -0.02	38.09 -0.11 0.00	34.94 -0.35 0.00	32.90 -0.20 0.00
OH_GEN_PROXY 24063	31.89 -0.06 0.00	29.00 0.00 0.00	26.56 -0.32 0.00	24.98 -0.83 0.00	24.49 -0.99 0.00	25.70 -0.13 0.00	25.55 -0.31 0.00	20.79 -0.33 -0.59	25.04 -0.36 0.00	28.85 -0.38 0.00	30.53 -0.25 -0.12	30.91 -0.03 -0.22	32.74 -0.29 -0.39	34.61 -0.24 -0.42	35.15 -0.18 0.00	42.89 0.00 0.00	46.64 -0.33 0.00	52.33 0.21 -0.39	49.40 -0.29 -0.42	49.44 -0.30 0.00	41.07 0.80 -0.02	38.50 0.30 0.00	35.26 -0.04 0.00	33.20 0.10 0.00
OLIN_CORP_DRP 24177	31.93 -0.03 0.00	28.91 -0.09 0.00	26.78 -0.11 0.00	25.00 -0.80 0.00	24.34 -1.15 0.00	25.65 -0.18 0.00	25.47 -0.39 0.00	20.64 -0.49 -0.60	24.86 -0.53 0.00	28.56 -0.67 0.00	30.32 -0.46 -0.12	30.70 -0.25 -0.22	32.52 -0.52 -0.40	34.34 -0.52 -0.43	34.90 -0.42 0.00	42.63 -0.26 0.00	46.55 -0.42 0.00	52.18 0.05 -0.39	49.01 -0.69 -0.43	49.39 -0.35 0.00	40.83 0.56 -0.02	38.32 0.11 0.00	35.15 -0.14 0.00	33.00 -0.10 0.00
OLIN_CORP_DSASP 323712	31.61 -0.35 0.00	28.74 -0.26 0.00	26.29 -0.59 0.00	24.90 -0.90 0.00	24.21 -1.27 0.00	25.44 -0.39 0.00	25.29 -0.57 0.00	20.57 -0.55 -0.59	24.76 -0.63 0.00	28.51 -0.73 0.00	30.17 -0.61 -0.12	30.55 -0.40 -0.22	32.38 -0.65 -0.40	34.20 -0.66 -0.43	34.73 -0.60 0.00	42.29 -0.60 0.00	46.03 -0.94 0.00	51.61 -0.52 -0.39	48.76 -0.94 -0.43	48.79 -0.95 0.00	40.59 0.32 -0.02	38.05 -0.15 0.00	34.87 -0.42 0.00	32.90 -0.20 0.00
ONEIDA_HERK_LFGE 323681	32.47 0.51 0.00	29.44 0.44 0.00	27.23 0.35 0.00	26.11 0.31 0.00	25.79 0.31 0.00	26.16 0.33 0.00	26.14 0.28 0.00	20.89 0.23 -0.13	25.73 0.33 0.00	29.67 0.44 0.00	31.31 0.64 0.00	31.43 0.71 0.00	33.48 0.75 -0.08	35.28 0.76 -0.09	36.07 0.74 0.00	43.83 0.94 0.00	48.04 0.94 -0.13	53.22 1.19 -0.29	50.72 1.23 -0.21	51.25 1.29 -0.23	41.41 1.17 0.00	39.27 1.07 0.00	36.18 0.88 0.00	33.69 0.60 0.00
ONEIDA____115KV_TB4 55905	32.66 0.70 0.00	29.58 0.58 0.00	27.42 0.54 0.00	26.24 0.44 0.00	25.89 0.41 0.00	26.35 0.52 0.00	26.30 0.44 0.00	21.15 0.39 -0.23	25.96 0.56 0.00	29.94 0.70 0.00	31.62 0.95 0.00	31.74 1.01 0.00	33.81 1.01 -0.15	35.66 1.07 -0.16	36.42 1.10 0.00	44.30 1.42 0.00	48.81 1.64 -0.20	54.25 2.07 -0.45	51.56 1.97 -0.32	52.17 2.09 -0.35	42.01 1.77 0.00	39.80 1.60 0.00	36.60 1.31 0.00	33.99 0.89 0.00

ONONDAGA_REF_OCCRA 23987	31.80 -0.16 0.00	28.80 -0.20 0.00	26.72 -0.16 0.00	25.55 -0.26 0.00	25.18 -0.31 0.00	25.70 -0.13 0.00	25.65 -0.21 0.00	20.90 -0.06 -0.43	25.35 -0.05 0.00	29.21 -0.03 0.00	30.84 0.09 -0.08	31.03 0.15 -0.15	32.96 0.03 -0.28	34.77 0.03 -0.31	35.43 0.11 0.00	43.06 0.17 0.00	47.60 0.19 -0.45	53.64 0.62 -1.28	50.68 0.39 -1.01	51.02 0.50 -0.78	40.74 0.48 -0.02	38.58 0.38 0.00	35.51 0.21 0.00	33.06 -0.03 0.00
ONONDAGA___COGEN 23986	31.89 -0.06 0.00	28.88 -0.12 0.00	26.78 -0.11 0.00	25.60 -0.21 0.00	25.23 -0.25 0.00	25.73 -0.10 0.00	25.68 -0.18 0.00	20.87 -0.06 -0.40	25.35 -0.05 0.00	29.24 0.00 0.00	30.82 0.15 0.00	30.94 0.22 0.00	32.97 0.07 -0.26	34.78 0.07 -0.28	35.50 0.18 0.00	43.14 0.26 0.00	47.94 0.28 -0.69	54.03 0.72 -1.57	50.94 0.54 -1.12	51.54 0.60 -1.20	40.85 0.60 0.00	38.66 0.46 0.00	35.61 0.32 0.00	33.16 0.07 0.00
ONTARIO___LFGE 23819	32.34 0.38 0.00	29.46 0.46 0.00	27.15 0.27 0.00	25.83 0.03 0.00	25.38 -0.10 0.00	26.11 0.28 0.00	26.06 0.21 0.00	21.32 0.23 -0.56	25.73 0.33 0.00	29.76 0.53 0.00	31.63 0.86 -0.11	31.82 0.89 -0.21	33.47 0.46 -0.37	35.35 0.52 -0.40	36.00 0.67 0.00	43.83 0.94 0.00	48.03 0.85 -0.22	54.41 1.81 -0.86	51.56 1.53 -0.76	51.61 1.49 -0.38	41.88 1.61 -0.02	39.50 1.30 0.00	36.25 0.95 0.00	33.72 0.63 0.00
ORANGEVILLE_WT_PWR 323706	32.56 0.61 0.00	29.58 0.58 0.00	27.15 0.27 0.00	25.57 -0.23 0.00	25.10 -0.38 0.00	26.19 0.36 0.00	26.06 0.21 0.00	21.27 0.02 -0.71	25.47 0.08 0.00	29.59 0.35 0.00	31.39 0.58 -0.15	31.77 0.77 -0.27	33.35 0.23 -0.47	35.18 0.24 -0.51	35.89 0.56 0.00	43.70 0.81 0.00	47.25 0.28 0.00	53.66 1.45 -0.48	50.78 0.99 -0.53	50.73 0.99 0.00	41.96 1.69 -0.03	39.42 1.22 0.00	36.21 0.92 0.00	33.99 0.89 0.00
ORANGEVILLE___ESR 323794	32.56 0.61 0.00	29.58 0.58 0.00	27.15 0.27 0.00	25.57 -0.23 0.00	25.10 -0.38 0.00	26.19 0.36 0.00	26.06 0.21 0.00	21.27 0.02 -0.71	25.47 0.08 0.00	29.59 0.35 0.00	31.39 0.58 -0.15	31.77 0.77 -0.27	33.35 0.23 -0.47	35.18 0.24 -0.51	35.89 0.56 0.00	43.70 0.81 0.00	47.25 0.28 0.00	53.66 1.45 -0.48	50.78 0.99 -0.53	50.73 0.99 0.00	41.96 1.69 -0.03	39.42 1.22 0.00	36.21 0.92 0.00	33.99 0.89 0.00
OSWEGATCHIE___HYD 24044	31.83 -0.13 0.00	28.86 -0.14 0.00	26.73 -0.16 0.00	25.70 -0.10 0.00	25.46 -0.03 0.00	25.68 -0.15 0.00	25.42 -0.44 0.00	20.01 -0.64 -0.11	24.61 -0.79 0.00	28.30 -0.94 0.00	29.62 -1.04 0.00	29.74 -0.98 0.00	31.67 -1.05 -0.07	33.37 -1.14 -0.08	34.06 -1.27 0.00	41.26 -1.63 0.00	45.39 -1.83 -0.25	50.40 -1.91 -0.58	48.26 -1.43 -0.42	48.89 -1.29 -0.45	39.36 -0.89 0.00	37.44 -0.76 0.00	34.83 -0.46 0.00	32.90 -0.20 0.00
OSWEGO___5 23606	31.32 -0.64 0.00	28.39 -0.61 0.00	26.29 -0.59 0.00	25.16 -0.64 0.00	24.80 -0.69 0.00	25.24 -0.59 0.00	25.24 -0.62 0.00	20.41 -0.41 -0.28	24.89 -0.51 0.00	28.68 -0.56 0.00	30.17 -0.49 0.00	30.26 -0.46 0.00	32.27 -0.56 -0.19	34.05 -0.59 -0.20	34.76 -0.57 0.00	42.20 -0.69 0.00	49.00 -0.80 -2.83	57.55 -0.67 -6.49	53.22 -0.69 -4.64	54.02 -0.70 -4.98	39.80 -0.44 0.00	37.74 -0.46 0.00	34.80 -0.49 0.00	32.50 -0.59 0.00
OSWEGO___6 23613	31.32 -0.64 0.00	28.39 -0.61 0.00	26.29 -0.59 0.00	25.16 -0.64 0.00	24.80 -0.69 0.00	25.24 -0.59 0.00	25.24 -0.62 0.00	20.41 -0.41 -0.28	24.89 -0.51 0.00	28.68 -0.56 0.00	30.17 -0.49 0.00	30.26 -0.46 0.00	32.27 -0.56 -0.19	34.05 -0.59 -0.20	34.76 -0.57 0.00	42.20 -0.69 0.00	49.00 -0.80 -2.83	57.55 -0.67 -6.49	53.22 -0.69 -4.64	54.02 -0.70 -4.98	39.80 -0.44 0.00	37.74 -0.46 0.00	34.80 -0.49 0.00	32.50 -0.59 0.00
OUTOKUMPU-AB___DRP 24206	32.50 0.54 0.00	29.41 0.41 0.00	27.21 0.32 0.00	25.42 -0.39 0.00	24.98 -0.51 0.00	26.29 0.46 0.00	25.96 0.10 0.00	21.06 -0.08 -0.60	25.45 0.05 0.00	29.26 0.03 0.00	31.12 0.34 -0.12	31.53 0.58 -0.23	33.24 0.20 -0.40	35.10 0.24 -0.43	35.79 0.46 0.00	43.49 0.60 0.00	47.49 0.52 0.00	53.32 1.19 -0.40	50.05 0.34 -0.44	50.43 0.70 0.00	41.63 1.37 -0.02	39.16 0.96 0.00	36.04 0.74 0.00	33.86 0.76 0.00
OXBOW___ 24026	32.12 0.16 0.00	29.23 0.23 0.00	26.73 -0.16 0.00	25.24 -0.57 0.00	24.59 -0.89 0.00	25.86 0.03 0.00	25.65 -0.21 0.00	20.87 -0.27 -0.60	25.12 -0.28 0.00	29.00 -0.23 0.00	30.75 -0.03 -0.12	31.13 0.19 -0.22	32.91 -0.13 -0.40	34.72 -0.14 -0.43	35.33 0.00 0.00	42.97 0.09 0.00	46.64 -0.33 0.00	52.49 0.36 -0.39	49.61 -0.10 -0.43	49.64 -0.10 0.00	41.27 1.01 -0.02	38.77 0.57 0.00	35.54 0.25 0.00	33.50 0.40 0.00
OXY_CHEM_DSASP 323612	31.61 -0.35 0.00	28.56 -0.44 0.00	26.48 -0.40 0.00	24.69 -1.11 0.00	24.47 -1.02 0.00	25.80 -0.03 0.00	25.31 -0.54 0.00	20.57 -0.55 -0.59	24.76 -0.63 0.00	28.45 -0.79 0.00	30.17 -0.61 -0.12	30.55 -0.40 -0.22	32.38 -0.65 -0.40	34.20 -0.65 -0.43	34.73 -0.60 0.00	42.37 -0.51 0.00	46.31 -0.66 0.00	51.87 -0.26 -0.39	48.66 -1.03 -0.43	49.09 -0.65 0.00	40.55 0.28 -0.02	38.09 -0.11 0.00	34.94 -0.35 0.00	32.90 -0.20 0.00
OZONE_PARK_ESR 323760	34.32 2.36 0.00	31.20 2.20 0.00	28.93 2.04 0.00	27.66 1.86 0.00	27.24 1.76 0.00	27.56 1.73 0.00	27.77 1.91 0.00	26.55 1.89 -4.13	27.79 2.39 0.00	32.01 2.78 0.00	34.43 2.94 -0.82	35.16 2.89 -1.55	38.86 3.46 -2.76	40.97 3.58 -2.96	39.04 3.71 0.00	47.48 4.59 0.00	52.18 5.21 0.00	59.85 5.38 -2.73	56.85 4.58 -2.99	54.21 4.48 0.00	43.39 2.98 -0.17	41.26 3.06 0.00	38.19 2.89 0.00	35.55 2.45 0.00
PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	31.61 -0.35 0.00	28.56 -0.44 0.00	26.48 -0.40 0.00	24.69 -1.11 0.00	24.47 -1.02 0.00	25.80 -0.03 0.00	25.31 -0.54 0.00	20.57 -0.55 -0.59	24.76 -0.63 0.00	28.45 -0.79 0.00	30.17 -0.61 -0.12	30.55 -0.40 -0.22	32.38 -0.65 -0.40	34.20 -0.65 -0.43	34.73 -0.60 0.00	42.37 -0.51 0.00	46.31 -0.66 0.00	51.87 -0.26 -0.39	48.66 -1.03 -0.43	49.09 -0.65 0.00	40.55 0.28 -0.02	38.09 -0.11 0.00	34.94 -0.35 0.00	32.90 -0.20 0.00
PACKARD___115KV_DUPONT_184 80571	31.61 -0.35 0.00	28.56 -0.44 0.00	26.48 -0.40 0.00	24.69 -1.11 0.00	24.47 -1.02 0.00	25.80 -0.03 0.00	25.31 -0.54 0.00	20.57 -0.55 -0.59	24.76 -0.63 0.00	28.45 -0.79 0.00	30.17 -0.61 -0.12	30.55 -0.40 -0.22	32.38 -0.65 -0.40	34.20 -0.65 -0.43	34.73 -0.60 0.00	42.37 -0.51 0.00	46.31 -0.66 0.00	51.87 -0.26 -0.39	48.66 -1.03 -0.43	49.09 -0.65 0.00	40.55 0.28 -0.02	38.09 -0.11 0.00	34.94 -0.35 0.00	32.90 -0.20 0.00
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	34.20 2.24 -0.01	31.15 2.15 -0.01	28.88 1.99 -0.01	27.59 1.78 -0.01	27.20 1.71 -0.01	27.43 1.60 0.00	27.56 1.71 0.00	26.35 1.68 -4.13	27.43 2.03 0.00	31.69 2.46 0.00	34.06 2.58 -0.82	34.73 2.46 -1.55	38.43 3.04 -2.76	40.55 3.17 -2.96	38.61 3.29 0.00	46.92 4.03 0.00	51.62 4.65 0.00	59.18 4.71 -2.73	56.11 3.84 -2.99	53.47 3.73 0.00	42.71 2.29 -0.17	40.80 2.60 0.00	37.94 2.65 0.00	35.39 2.28 -0.01

PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	34.49 2.52 -0.01	31.44 2.44 -0.01	29.13 2.23 -0.01	27.82 2.01 -0.01	27.40 1.91 -0.01	27.64 1.81 0.00	27.77 1.91 0.00	26.49 1.83 -4.13	27.61 2.21 0.00	31.87 2.63 0.00	34.40 2.91 -0.82	35.10 2.83 -1.55	38.86 3.46 -2.76	41.04 3.65 -2.96	39.28 3.96 0.00	47.73 4.85 0.00	52.14 5.17 0.00	59.75 5.28 -2.73	56.65 4.39 -2.99	53.96 4.23 0.00	43.11 2.70 -0.17	41.26 3.06 0.00	38.36 3.07 0.00	35.79 2.68 -0.01
PATROON__115KV_TB1 80586	33.11 1.15 0.00	30.10 1.10 0.00	27.88 0.99 0.00	26.76 0.95 0.00	26.38 0.89 0.00	26.73 0.90 0.00	26.79 0.93 0.00	26.80 0.90 -5.36	26.57 1.17 0.00	30.55 1.32 0.00	34.13 1.44 -2.03	35.98 1.44 -3.81	37.69 1.47 -3.58	39.85 1.58 -3.84	36.92 1.59 0.00	44.82 1.93 0.00	49.13 2.16 0.00	60.95 2.48 -6.73	58.86 2.22 -7.37	51.92 2.19 0.00	42.35 1.69 -0.42	39.84 1.64 0.00	36.78 1.48 0.00	34.26 1.16 0.00
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	32.56 0.61 0.00	29.49 0.49 0.00	27.26 0.38 0.00	25.55 -0.26 0.00	25.00 -0.48 0.00	26.27 0.44 0.00	26.09 0.23 0.00	20.91 -0.29 -0.66	25.68 0.28 0.00	29.56 0.32 0.00	31.47 0.67 -0.13	31.87 0.89 -0.25	32.88 -0.20 -0.44	34.73 -0.17 -0.47	36.07 0.74 0.00	44.00 1.12 0.00	48.14 1.17 0.00	54.19 2.02 -0.44	50.79 1.03 -0.48	51.03 1.29 0.00	42.08 1.81 -0.03	39.58 1.38 0.00	36.35 1.06 0.00	33.99 0.89 0.00
PAWLING_115_KV_BK3_REV_LBMP_H 345028	34.16 2.21 0.00	31.09 2.09 0.00	28.79 1.91 0.00	27.56 1.75 0.00	27.12 1.63 0.00	27.48 1.65 0.00	27.54 1.68 0.00	26.41 1.68 -4.19	27.51 2.11 0.00	31.78 2.54 0.00	34.23 2.73 -0.84	35.01 2.70 -1.58	38.77 3.33 -2.80	40.94 3.51 -3.00	38.86 3.53 0.00	47.22 4.33 0.00	51.90 4.93 0.00	59.54 5.02 -2.79	56.71 4.39 -3.05	54.01 4.28 0.00	43.47 3.06 -0.17	41.18 2.98 0.00	37.91 2.61 0.00	35.22 2.12 0.00
PEEKSKILL____ 23653	33.75 1.79 0.00	30.65 1.65 0.00	28.44 1.56 0.00	27.30 1.50 0.00	26.89 1.40 0.00	27.15 1.32 0.00	27.36 1.50 0.00	26.11 1.50 -4.08	27.28 1.88 0.00	31.43 2.19 0.00	33.81 2.33 -0.81	34.53 2.27 -1.53	38.10 2.74 -2.72	40.17 2.82 -2.92	38.26 2.93 0.00	46.49 3.60 0.00	51.11 4.13 0.00	58.62 4.19 -2.70	55.82 3.59 -2.95	53.27 3.53 0.00	42.78 2.37 -0.17	40.61 2.41 0.00	37.52 2.22 0.00	34.85 1.75 0.00
PGE MADISON__WINDPWR 24146	34.54 2.59 0.00	31.29 2.29 0.00	28.90 2.02 0.00	27.58 1.78 0.00	27.17 1.68 0.00	27.74 1.91 0.00	27.67 1.81 0.00	23.12 1.46 -1.13	27.25 1.85 0.00	31.46 2.22 0.00	33.75 2.76 -0.32	34.10 2.77 -0.61	36.07 2.68 -0.76	38.06 2.82 -0.81	38.12 2.79 0.00	46.49 3.60 0.00	51.33 4.08 -0.28	58.72 5.28 -1.71	56.12 5.22 -1.63	55.84 5.62 -0.49	45.30 4.99 -0.07	42.74 4.54 0.00	39.14 3.85 0.00	36.01 2.91 0.00
PIERCEFIELD__HYD 23852	31.80 -0.16 0.00	28.85 -0.15 0.00	26.72 -0.16 0.00	25.78 -0.03 0.00	25.56 0.08 0.00	25.57 -0.26 0.00	25.31 -0.54 0.00	19.63 -0.90 0.00	24.26 -1.14 0.00	27.92 -1.32 0.00	29.16 -1.50 0.00	29.22 -1.51 0.00	31.07 -1.57 0.00	32.78 -1.65 0.00	33.63 -1.70 0.00	40.66 -2.23 0.00	44.38 -2.72 -0.13	48.98 -3.05 -0.30	47.12 -2.37 -0.21	47.48 -2.49 -0.23	38.39 -1.85 0.00	36.63 -1.57 0.00	34.31 -0.99 0.00	32.80 -0.30 0.00
PINELAWN_CC_1 323563	41.42 3.00 -6.46	39.25 2.73 -7.52	37.09 2.58 -7.63	32.97 2.45 -4.72	30.51 2.37 -2.65	30.61 2.33 -2.46	31.47 2.54 -3.08	31.67 2.30 -8.83	34.52 2.89 -6.23	40.64 3.36 -8.05	48.54 3.49 -14.38	50.55 3.41 -16.41	58.76 3.56 -22.56	63.08 3.69 -24.97	62.54 3.74 -23.47	72.14 4.42 -24.84	89.86 5.12 -37.77	67.48 5.28 -10.47	65.99 4.73 -11.98	62.62 4.88 -8.01	53.77 3.46 -10.07	50.85 3.59 -9.06	48.72 3.70 -9.72	46.98 3.15 -10.73
PJM_GEN_HTP_PROXY 323702	33.94 1.98 0.00	30.83 1.83 0.00	28.61 1.72 0.00	27.43 1.63 0.00	27.04 1.55 0.00	27.28 1.45 0.00	27.54 1.68 0.00	26.33 1.66 -4.13	27.50 2.11 0.00	31.69 2.46 0.00	34.09 2.61 -0.82	34.82 2.55 -1.55	38.47 3.07 -2.76	40.55 3.17 -2.96	38.65 3.32 0.00	46.92 4.03 0.00	51.58 4.61 0.00	59.13 4.66 -2.73	56.21 3.94 -2.99	53.62 3.88 0.00	42.95 2.54 -0.17	40.83 2.63 0.00	37.80 2.51 0.00	35.12 2.02 0.00
PJM_GEN_KEystone 24065	32.64 0.80 0.11	29.75 0.75 0.00	27.48 0.59 0.00	26.22 0.41 0.00	25.77 0.28 0.00	26.37 0.54 0.00	26.48 0.62 0.00	23.62 0.60 -2.49	26.16 0.76 0.00	30.26 1.02 0.00	32.15 1.16 -0.32	32.65 1.20 -0.73	34.98 1.14 -1.20	36.90 1.17 -1.30	36.47 1.45 0.30	43.93 1.80 0.75	47.70 1.78 1.05	54.35 2.33 -0.29	51.41 1.72 -0.41	49.46 1.64 1.92	41.17 1.45 0.52	39.05 1.34 0.49	36.20 1.16 0.25	33.79 0.89 0.20
PJM_GEN_NEPTUNE_PROXY 323594	40.81 2.40 -6.45	38.72 2.20 -7.52	36.58 2.07 -7.63	32.48 1.96 -4.72	30.02 1.89 -2.65	30.12 1.83 -2.46	30.95 2.02 -3.08	31.28 1.91 -8.83	34.01 2.39 -6.23	40.06 2.78 -8.04	47.93 2.88 -14.38	49.73 2.77 -16.24	58.33 3.20 -22.49	62.68 3.31 -24.95	62.19 3.39 -23.47	71.88 4.16 -24.83	88.52 4.74 -36.81	63.99 4.86 -7.39	64.82 4.28 -11.26	60.97 4.23 -7.01	52.64 2.94 -9.47	49.50 2.98 -8.31	47.98 2.97 -9.72	46.28 2.45 -10.73
PJM_GEN_VFT_PROXY 323633	32.11 1.79 1.63	30.65 1.65 0.00	28.44 1.56 0.00	27.27 1.47 0.00	26.89 1.40 0.00	27.12 1.29 0.00	27.41 1.55 0.00	26.22 1.56 -4.13	27.38 1.98 0.00	31.54 2.31 0.00	31.35 2.42 1.74	31.71 2.37 1.38	31.61 2.87 3.90	33.42 2.92 3.93	34.06 3.07 4.34	35.84 3.73 10.78	36.22 4.27 15.02	39.17 4.24 16.81	35.81 3.59 17.06	33.59 3.48 19.63	33.74 2.21 8.72	33.51 2.33 7.02	33.92 2.26 3.63	32.01 1.82 2.91
PLATSBRG_115KV_PMLD1 355749	32.37 0.42 0.00	29.35 0.35 0.00	27.18 0.30 0.00	26.22 0.41 0.00	25.99 0.51 0.00	26.17 0.34 0.00	26.19 0.34 0.00	20.55 0.02 0.00	25.42 0.03 0.00	29.24 0.00 0.00	30.39 -0.28 0.00	30.45 -0.28 0.00	32.38 -0.26 0.00	34.19 -0.24 0.00	35.19 -0.14 0.00	42.54 -0.34 0.00	46.31 -0.66 0.00	50.96 -0.78 0.00	48.98 -0.30 0.00	49.34 -0.40 0.00	40.04 -0.20 0.00	37.97 -0.23 0.00	35.19 -0.11 0.00	33.30 0.20 0.00
PLEASANTVLY__LBMP 24000	33.59 1.63 0.00	30.57 1.57 0.00	28.36 1.48 0.00	27.17 1.37 0.00	26.78 1.30 0.00	27.12 1.29 0.00	27.23 1.37 0.00	26.29 1.40 -4.36	27.13 1.73 0.00	31.22 1.99 0.00	33.65 2.12 -0.87	34.42 2.06 -1.64	37.97 2.42 -2.91	40.06 2.51 -3.12	37.91 2.58 0.00	46.02 3.13 0.00	50.59 3.62 0.00	58.35 3.72 -2.89	55.64 3.20 -3.16	52.87 3.13 0.00	42.55 2.13 -0.18	40.34 2.14 0.00	37.27 1.98 0.00	34.72 1.62 0.00
PLSNTVLE_13_KV_13.8KVDIST 80602	33.87 1.92 0.00	30.83 1.83 0.00	28.58 1.69 0.00	27.38 1.57 0.00	26.96 1.48 0.00	27.30 1.47 0.00	27.46 1.60 0.00	26.31 1.60 -4.17	27.40 2.01 0.00	31.57 2.34 0.00	34.01 2.51 -0.83	34.71 2.43 -1.56	38.36 2.94 -2.78	40.48 3.06 -2.99	38.47 3.14 0.00	46.79 3.90 0.00	51.48 4.51 0.00	59.05 4.55 -2.76	56.19 3.89 -3.02	53.57 3.83 0.00	42.99 2.58 -0.17	40.80 2.60 0.00	37.66 2.36 0.00	35.02 1.92 0.00

PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	33.87 1.92 0.00	30.83 1.83 0.00	28.58 1.69 0.00	27.38 1.57 0.00	26.96 1.48 0.00	27.30 1.47 0.00	27.46 1.60 0.00	26.31 1.60 -4.17	27.40 2.01 0.00	31.57 2.34 0.00	34.01 2.51 -0.83	34.71 2.43 -1.56	38.36 2.94 -2.78	40.48 3.06 -2.99	38.47 3.14 0.00	46.79 3.90 0.00	51.48 4.51 0.00	59.05 4.55 -2.76	56.19 3.89 -3.02	53.57 3.83 0.00	42.99 2.58 -0.17	40.80 2.60 0.00	37.66 2.36 0.00	35.02 1.92 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	33.87 1.92 0.00	30.80 1.80 0.00	28.55 1.67 0.00	27.35 1.55 0.00	26.94 1.45 0.00	27.30 1.47 0.00	27.36 1.50 0.00	26.25 1.46 -4.25	27.20 1.80 0.00	31.37 2.13 0.00	33.80 2.27 -0.86	34.59 2.24 -1.63	38.03 2.55 -2.84	40.13 2.65 -3.05	38.05 2.72 0.00	46.23 3.35 0.00	50.82 3.85 0.00	58.74 4.14 -2.87	56.06 3.65 -3.14	53.32 3.58 0.00	42.83 2.41 -0.18	40.68 2.48 0.00	37.55 2.26 0.00	34.98 1.89 0.00
POLETTI____ 23519	33.94 1.98 0.00	30.88 1.88 0.00	28.63 1.75 0.00	27.38 1.57 0.00	26.99 1.50 0.00	27.30 1.47 0.00	27.51 1.65 0.00	26.33 1.66 -4.13	27.51 2.11 0.00	31.69 2.46 0.00	34.06 2.58 -0.82	34.79 2.52 -1.55	38.43 3.04 -2.76	40.52 3.13 -2.96	38.58 3.25 0.00	46.87 3.99 0.00	51.53 4.56 0.00	59.07 4.60 -2.73	56.16 3.89 -2.99	53.47 3.73 0.00	42.87 2.45 -0.17	40.72 2.52 0.00	37.73 2.44 0.00	35.12 2.02 0.00
POMONA____ESR 323819	33.68 1.73 0.00	30.57 1.57 0.00	28.34 1.45 0.00	27.17 1.37 0.00	26.76 1.27 0.00	27.10 1.27 0.00	27.23 1.37 0.00	25.91 1.44 -3.94	27.20 1.80 0.00	31.31 2.08 0.00	33.66 2.21 -0.78	34.35 2.15 -1.48	37.82 2.55 -2.63	39.90 2.65 -2.82	38.08 2.76 0.00	46.23 3.35 0.00	50.87 3.90 0.00	58.33 3.98 -2.61	55.48 3.35 -2.85	52.97 3.23 0.00	42.54 2.13 -0.16	40.38 2.18 0.00	37.34 2.05 0.00	34.75 1.65 0.00
PORT_JEFF_3 23555	41.45 3.04 -6.46	39.28 2.76 -7.52	37.20 2.69 -7.63	33.05 2.53 -4.72	30.58 2.45 -2.65	30.69 2.40 -2.46	31.60 2.66 -3.08	31.71 2.34 -8.83	34.63 3.00 -6.23	40.73 3.45 -8.04	48.66 3.62 -14.38	51.31 3.53 -17.05	59.90 3.75 -23.51	63.26 3.86 -24.98	62.72 3.92 -23.48	72.58 4.80 -24.89	99.88 5.40 -47.51	99.09 5.64 -41.71	73.61 5.03 -19.31	66.85 5.02 -12.09	60.11 3.62 -16.25	54.14 3.94 -12.01	48.79 3.78 -9.72	47.01 3.18 -10.73
PORT_JEFF_4 23616	41.45 3.04 -6.46	39.28 2.76 -7.52	37.20 2.69 -7.63	33.05 2.53 -4.72	30.58 2.45 -2.65	30.69 2.40 -2.46	31.60 2.66 -3.08	31.71 2.34 -8.83	34.63 3.00 -6.23	40.73 3.45 -8.04	48.66 3.62 -14.38	51.31 3.53 -17.05	59.90 3.75 -23.51	63.26 3.86 -24.98	62.72 3.92 -23.48	72.58 4.80 -24.89	99.88 5.40 -47.51	99.09 5.64 -41.71	73.61 5.03 -19.31	66.85 5.02 -12.09	60.11 3.62 -16.25	54.14 3.94 -12.01	48.79 3.78 -9.72	47.01 3.18 -10.73
PORT_JEFF_IC 23713	41.55 3.13 -6.46	39.36 2.84 -7.52	37.28 2.77 -7.63	33.10 2.58 -4.72	30.66 2.52 -2.65	30.74 2.46 -2.46	31.68 2.74 -3.08	31.77 2.40 -8.83	34.70 3.07 -6.23	40.82 3.54 -8.04	48.76 3.71 -14.38	51.49 3.65 -17.11	60.25 3.95 -23.66	63.33 3.92 -24.98	62.80 3.99 -23.48	72.68 4.89 -24.90	101.59 5.54 -49.08	104.29 5.79 -46.76	74.94 5.17 -20.50	67.36 5.12 -12.50	61.39 3.90 -17.25	54.59 4.09 -12.30	48.93 3.92 -9.72	47.14 3.31 -10.73
PPL PILGRIM_ST_GT1 24216	41.58 3.16 -6.46	39.39 2.87 -7.52	37.26 2.74 -7.63	33.10 2.58 -4.72	30.66 2.52 -2.65	30.77 2.48 -2.46	31.65 2.71 -3.08	31.79 2.42 -8.83	34.70 3.07 -6.23	40.88 3.59 -8.04	48.79 3.74 -14.38	51.74 3.69 -17.33	59.26 3.92 -22.70	63.53 4.03 -25.07	62.89 4.10 -23.47	72.62 4.89 -24.84	91.69 5.49 -39.22	72.56 5.69 -15.14	67.47 5.12 -13.08	68.19 5.22 -13.24	55.10 3.86 -10.99	55.33 4.16 -12.97	48.93 3.92 -9.72	47.17 3.34 -10.73
PPL PILGRIM_ST_GT2 24217	41.58 3.16 -6.46	39.39 2.87 -7.52	37.26 2.74 -7.63	33.10 2.58 -4.72	30.66 2.52 -2.65	30.77 2.48 -2.46	31.65 2.71 -3.08	31.79 2.42 -8.83	34.70 3.07 -6.23	40.88 3.59 -8.04	48.79 3.74 -14.38	51.74 3.69 -17.33	59.26 3.92 -22.70	63.53 4.03 -25.07	62.89 4.10 -23.47	72.62 4.89 -24.84	91.69 5.49 -39.22	72.56 5.69 -15.14	67.47 5.12 -13.08	68.19 5.22 -13.24	55.10 3.86 -10.99	55.33 4.16 -12.97	48.93 3.92 -9.72	47.17 3.34 -10.73
PPL_SHRM_GT3 24213	41.39 2.97 -6.46	39.19 2.67 -7.52	37.28 2.77 -7.63	33.10 2.58 -4.72	30.66 2.52 -2.65	30.74 2.46 -2.46	31.73 2.79 -3.08	31.69 2.32 -8.83	34.68 3.05 -6.23	40.70 3.42 -8.04	48.69 3.65 -14.38	51.44 3.65 -17.06	60.18 4.01 -23.53	63.68 4.27 -24.98	63.11 4.31 -23.48	73.10 5.32 -24.89	100.50 5.82 -47.71	100.34 6.26 -42.35	74.35 5.61 -19.46	67.62 5.72 -12.17	60.56 3.95 -16.37	54.27 4.01 -12.06	48.79 3.78 -9.72	46.98 3.15 -10.73
PPL_SHRM_GT4 24214	41.39 2.97 -6.46	39.19 2.67 -7.52	37.28 2.77 -7.63	33.10 2.58 -4.72	30.66 2.52 -2.65	30.74 2.46 -2.46	31.73 2.79 -3.08	31.69 2.32 -8.83	34.68 3.05 -6.23	40.70 3.42 -8.04	48.69 3.65 -14.38	51.44 3.65 -17.06	60.18 4.01 -23.53	63.68 4.27 -24.98	63.11 4.31 -23.48	73.10 5.32 -24.89	100.50 5.82 -47.71	100.34 6.26 -42.35	74.35 5.61 -19.46	67.62 5.72 -12.17	60.56 3.95 -16.37	54.27 4.01 -12.06	48.79 3.78 -9.72	46.98 3.15 -10.73
PROJECT___ORANGE 1 24174	31.70 -0.26 0.00	28.71 -0.29 0.00	26.64 -0.24 0.00	25.47 -0.34 0.00	25.10 -0.38 0.00	25.62 -0.21 0.00	25.57 -0.28 0.00	20.76 -0.12 -0.35	25.27 -0.13 0.00	29.12 -0.12 0.00	30.63 -0.03 0.00	30.79 0.06 0.00	32.78 -0.10 -0.23	34.58 -0.10 -0.25	35.29 -0.04 0.00	42.89 0.00 0.00	47.34 0.00 -0.37	52.94 0.36 -0.84	50.02 0.15 -0.60	50.63 0.25 -0.65	40.52 0.28 0.00	38.39 0.19 0.00	35.36 0.07 0.00	32.93 -0.17 0.00
PROJECT___ORANGE 2 24166	31.70 -0.26 0.00	28.71 -0.29 0.00	26.64 -0.24 0.00	25.47 -0.34 0.00	25.10 -0.38 0.00	25.62 -0.21 0.00	25.57 -0.28 0.00	20.76 -0.12 -0.35	25.27 -0.13 0.00	29.12 -0.12 0.00	30.63 -0.03 0.00	30.79 0.06 0.00	32.78 -0.10 -0.23	34.58 -0.10 -0.25	35.29 -0.04 0.00	42.89 0.00 0.00	47.34 0.00 -0.37	52.94 0.36 -0.84	50.02 0.15 -0.60	50.63 0.25 -0.65	40.52 0.28 0.00	38.39 0.19 0.00	35.36 0.07 0.00	32.93 -0.17 0.00
PUCKETT___SOLAR 323809	32.92 0.96 0.00	29.87 0.87 0.00	27.61 0.73 0.00	26.35 0.54 0.00	25.94 0.46 0.00	26.53 0.70 0.00	26.50 0.65 0.00	22.30 0.53 -1.23	26.06 0.66 0.00	30.08 0.85 0.00	32.05 1.07 -0.31	32.38 1.07 -0.58	34.34 0.88 -0.82	36.20 0.89 -0.88	36.39 1.06 0.00	44.30 1.41 0.00	48.72 1.50 -0.25	55.61 2.27 -1.60	52.92 2.12 -1.53	52.47 2.29 -0.44	42.40 2.09 -0.06	40.07 1.87 0.00	36.88 1.59 0.00	34.26 1.16 0.00
PYRITES___HYD 24023	32.24 0.29 0.00	29.23 0.23 0.00	27.07 0.19 0.00	26.14 0.34 0.00	25.94 0.46 0.00	26.01 0.18 0.00	25.81 -0.05 0.00	20.02 -0.51 0.00	24.76 -0.63 0.00	28.50 -0.73 0.00	29.87 -0.80 0.00	29.93 -0.80 0.00	31.86 -0.78 0.00	33.60 -0.83 0.00	34.48 -0.85 0.00	41.69 -1.20 0.00	45.30 -1.78 -0.12	49.99 -2.02 -0.27	48.14 -1.33 -0.19	48.55 -1.39 -0.21	39.28 -0.97 0.00	37.44 -0.76 0.00	34.91 -0.39 0.00	33.26 0.17 0.00

QUAKERRD_115KV_BK1 80622	31.41 -0.54 0.00	28.42 -0.58 0.00	26.35 -0.54 0.00	24.93 -0.88 0.00	24.52 -0.97 0.00	25.31 -0.52 0.00	25.19 -0.67 0.00	20.54 -0.45 -0.46	24.84 -0.56 0.00	28.65 -0.58 0.00	30.35 -0.40 -0.09	30.64 -0.25 -0.16	32.69 -0.26 -0.31	34.55 -0.21 -0.33	35.05 -0.28 0.00	42.67 -0.21 0.00	46.59 -0.38 0.00	52.12 0.10 -0.29	49.29 -0.30 -0.31	49.59 -0.15 0.00	40.54 0.28 -0.02	38.24 0.04 0.00	35.01 -0.28 0.00	32.70 -0.40 0.00
QUENSBRY_115KV_TB8 356137	34.39 2.43 0.00	31.15 2.15 0.00	28.77 1.88 0.00	27.61 1.81 0.00	27.22 1.73 0.00	27.53 1.70 0.00	27.54 1.68 0.00	27.59 1.54 -5.51	27.38 1.98 0.00	31.63 2.40 0.00	35.73 2.42 -2.65	38.19 2.49 -4.98	38.64 2.32 -3.68	40.72 2.34 -3.95	37.55 2.23 0.00	45.59 2.70 0.00	50.07 3.10 0.00	64.46 3.93 -8.79	62.89 3.99 -9.63	53.67 3.93 0.00	44.69 3.90 -0.55	41.68 3.48 0.00	38.40 3.11 0.00	35.61 2.52 0.00
RAMAPO___LBMP 323565	33.56 1.60 0.00	30.48 1.48 0.00	28.26 1.37 0.00	27.09 1.29 0.00	26.71 1.22 0.00	27.02 1.19 0.00	27.18 1.32 0.00	25.83 1.38 -3.92	27.13 1.73 0.00	31.22 1.99 0.00	33.56 2.12 -0.78	34.25 2.06 -1.47	37.71 2.45 -2.62	39.75 2.51 -2.81	37.94 2.61 0.00	46.06 3.17 0.00	50.68 3.71 0.00	58.11 3.78 -2.60	55.27 3.15 -2.84	52.77 3.03 0.00	42.41 2.01 -0.16	40.26 2.06 0.00	37.24 1.94 0.00	34.65 1.56 0.00
RANKINE____ 23646	32.63 0.67 0.00	29.55 0.55 0.00	27.34 0.46 0.00	25.57 -0.23 0.00	25.05 -0.43 0.00	26.35 0.52 0.00	26.14 0.28 0.00	21.16 -0.02 -0.64	25.68 0.28 0.00	29.53 0.29 0.00	31.41 0.61 -0.13	31.83 0.86 -0.24	33.30 0.23 -0.43	35.17 0.28 -0.46	36.07 0.74 0.00	44.00 1.12 0.00	48.10 1.13 0.00	54.08 1.91 -0.43	50.73 0.99 -0.47	51.03 1.29 0.00	42.12 1.85 -0.03	39.58 1.38 0.00	36.35 1.06 0.00	34.06 0.96 0.00
RAVENSWOOD_GT2_1 24244	34.00 2.05 0.00	30.88 1.88 0.00	28.66 1.77 0.00	27.46 1.65 0.00	27.09 1.61 0.00	27.30 1.47 0.00	27.56 1.71 0.00	26.35 1.68 -4.13	27.53 2.13 0.00	31.72 2.48 0.00	34.13 2.64 -0.82	34.82 2.55 -1.55	38.47 3.07 -2.76	40.55 3.17 -2.96	38.65 3.32 0.00	46.92 4.03 0.00	51.58 4.61 0.00	59.13 4.66 -2.73	56.21 3.94 -2.99	53.62 3.88 0.00	42.99 2.58 -0.17	40.87 2.67 0.00	37.87 2.58 0.00	35.18 2.09 0.00
RAVENSWOOD_GT2_2 24245	34.00 2.05 0.00	30.88 1.88 0.00	28.66 1.77 0.00	27.46 1.65 0.00	27.09 1.61 0.00	27.30 1.47 0.00	27.56 1.71 0.00	26.35 1.68 -4.13	27.53 2.13 0.00	31.72 2.48 0.00	34.13 2.64 -0.82	34.82 2.55 -1.55	38.47 3.07 -2.76	40.55 3.17 -2.96	38.65 3.32 0.00	46.92 4.03 0.00	51.58 4.61 0.00	59.13 4.66 -2.73	56.21 3.94 -2.99	53.62 3.88 0.00	42.99 2.58 -0.17	40.87 2.67 0.00	37.87 2.58 0.00	35.18 2.09 0.00
RAVENSWOOD_GT2_3 24246	34.00 2.05 0.00	30.91 1.91 0.00	28.66 1.77 0.00	27.48 1.68 0.00	27.09 1.61 0.00	27.33 1.50 0.00	27.59 1.73 0.00	26.37 1.70 -4.13	27.56 2.16 0.00	31.75 2.51 0.00	34.15 2.67 -0.82	34.85 2.58 -1.55	38.50 3.10 -2.76	40.59 3.20 -2.96	38.69 3.36 0.00	46.96 4.08 0.00	51.62 4.65 0.00	59.18 4.71 -2.73	56.25 3.99 -2.99	53.66 3.93 0.00	42.99 2.58 -0.17	40.87 2.67 0.00	37.87 2.58 0.00	35.18 2.09 0.00
RAVENSWOOD_GT2_4 24247	34.00 2.05 0.00	30.91 1.91 0.00	28.66 1.77 0.00	27.48 1.68 0.00	27.09 1.61 0.00	27.33 1.50 0.00	27.59 1.73 0.00	26.37 1.70 -4.13	27.56 2.16 0.00	31.75 2.51 0.00	34.15 2.67 -0.82	34.85 2.58 -1.55	38.50 3.10 -2.76	40.59 3.20 -2.96	38.69 3.36 0.00	46.96 4.08 0.00	51.62 4.65 0.00	59.18 4.71 -2.73	56.25 3.99 -2.99	53.66 3.93 0.00	42.99 2.58 -0.17	40.87 2.67 0.00	37.87 2.58 0.00	35.18 2.09 0.00
RAVENSWOOD_GT3_1 24248	34.00 2.05 0.00	30.88 1.88 0.00	28.66 1.77 0.00	27.46 1.65 0.00	27.09 1.61 0.00	27.30 1.47 0.00	27.56 1.71 0.00	26.35 1.68 -4.13	27.53 2.13 0.00	31.72 2.48 0.00	34.13 2.64 -0.82	34.82 2.55 -1.55	38.50 3.10 -2.76	40.55 3.17 -2.96	38.65 3.32 0.00	46.92 4.03 0.00	51.58 4.61 0.00	59.13 4.66 -2.73	56.25 3.99 -2.99	53.62 3.88 0.00	42.99 2.58 -0.17	40.87 2.67 0.00	37.87 2.58 0.00	35.18 2.09 0.00
RAVENSWOOD_GT3_2 24249	34.00 2.05 0.00	30.88 1.88 0.00	28.66 1.77 0.00	27.46 1.65 0.00	27.09 1.61 0.00	27.30 1.47 0.00	27.56 1.71 0.00	26.35 1.68 -4.13	27.53 2.13 0.00	31.72 2.48 0.00	34.13 2.64 -0.82	34.82 2.55 -1.55	38.50 3.10 -2.76	40.55 3.17 -2.96	38.65 3.32 0.00	46.92 4.03 0.00	51.58 4.61 0.00	59.13 4.66 -2.73	56.25 3.99 -2.99	53.62 3.88 0.00	42.99 2.58 -0.17	40.87 2.67 0.00	37.87 2.58 0.00	35.18 2.09 0.00
RAVENSWOOD_GT3_3 24250	34.03 2.08 0.00	30.97 1.97 0.00	28.71 1.83 0.00	27.48 1.68 0.00	27.07 1.58 0.00	27.38 1.55 0.00	27.56 1.71 0.00	26.39 1.72 -4.13	27.58 2.18 0.00	31.78 2.54 0.00	34.19 2.70 -0.82	34.88 2.61 -1.55	38.53 3.13 -2.76	40.62 3.24 -2.96	38.72 3.39 0.00	47.00 4.12 0.00	51.71 4.74 0.00	59.28 4.81 -2.73	56.31 4.04 -2.99	53.67 3.93 0.00	43.03 2.62 -0.17	40.87 2.67 0.00	37.84 2.54 0.00	35.25 2.15 0.00
RAVENSWOOD_GT3_4 24251	34.03 2.08 0.00	30.94 1.94 0.00	28.72 1.83 0.00	27.51 1.70 0.00	27.12 1.63 0.00	27.35 1.52 0.00	27.62 1.76 0.00	26.39 1.73 -4.13	27.58 2.18 0.00	31.78 2.54 0.00	34.19 2.70 -0.82	34.88 2.61 -1.55	38.53 3.13 -2.76	40.62 3.24 -2.96	38.72 3.39 0.00	47.00 4.12 0.00	51.67 4.70 0.00	59.22 4.76 -2.73	56.35 4.09 -2.99	53.72 3.98 0.00	43.07 2.66 -0.17	40.95 2.75 0.00	37.91 2.61 0.00	35.22 2.12 0.00
RAVENSWOOD_GT_1 23729	34.13 2.17 0.00	31.03 2.03 0.00	28.77 1.88 0.00	27.56 1.76 0.00	27.17 1.68 0.00	27.35 1.52 0.00	27.62 1.76 0.00	26.39 1.73 -4.13	27.56 2.16 0.00	31.81 2.57 0.00	34.22 2.73 -0.82	34.88 2.61 -1.55	38.60 3.20 -2.76	40.69 3.31 -2.96	38.79 3.46 0.00	47.00 4.12 0.00	51.67 4.70 0.00	59.18 4.71 -2.73	56.21 3.94 -2.99	53.57 3.83 0.00	42.91 2.50 -0.17	40.91 2.71 0.00	37.97 2.68 0.00	35.32 2.22 0.00
RAVENSWOOD_GT_10 24258	34.00 2.05 0.00	30.94 1.94 0.00	28.69 1.80 0.00	27.43 1.63 0.00	27.04 1.55 0.00	27.35 1.52 0.00	27.54 1.68 0.00	26.35 1.68 -4.13	27.53 2.13 0.00	31.72 2.49 0.00	34.12 2.64 -0.82	34.82 2.55 -1.55	38.50 3.10 -2.76	40.55 3.17 -2.96	38.61 3.29 0.00	46.92 4.03 0.00	51.62 4.65 0.00	59.18 4.71 -2.73	56.21 3.94 -2.99	53.57 3.83 0.00	42.95 2.54 -0.17	40.80 2.60 0.00	37.76 2.47 0.00	35.18 2.09 0.00
RAVENSWOOD_GT_11 24259	34.00 2.05 0.00	30.88 1.88 0.00	28.66 1.77 0.00	27.46 1.65 0.00	27.09 1.61 0.00	27.30 1.47 0.00	27.56 1.71 0.00	26.35 1.68 -4.13	27.53 2.13 0.00	31.72 2.48 0.00	34.13 2.64 -0.82	34.82 2.55 -1.55	38.50 3.10 -2.76	40.55 3.17 -2.96	38.65 3.32 0.00	46.92 4.03 0.00	51.58 4.61 0.00	59.13 4.66 -2.73	56.25 3.99 -2.99	53.62 3.88 0.00	42.99 2.58 -0.17	40.87 2.67 0.00	37.87 2.58 0.00	35.18 2.09 0.00

RAVENSWOOD_GT_4 24252	34.00 2.05 0.00	30.91 1.91 0.00	28.66 1.77 0.00	27.43 1.63 0.00	27.01 1.53 0.00	27.35 1.52 0.00	27.54 1.68 0.00	26.37 1.70 -4.13	27.56 2.16 0.00	31.72 2.49 0.00	34.12 2.64 -0.82	34.82 2.55 -1.55	38.47 3.07 -2.76	40.55 3.17 -2.96	38.61 3.29 0.00	46.92 4.03 0.00	51.62 4.65 0.00	59.18 4.71 -2.73	56.26 3.99 -2.99	53.62 3.88 0.00	42.99 2.58 -0.17	40.80 2.60 0.00	37.76 2.47 0.00	35.18 2.09 0.00
RAVENSWOOD_GT_5 24254	34.00 2.05 0.00	30.91 1.91 0.00	28.66 1.77 0.00	27.43 1.63 0.00	27.01 1.53 0.00	27.35 1.52 0.00	27.54 1.68 0.00	26.37 1.70 -4.13	27.56 2.16 0.00	31.72 2.49 0.00	34.12 2.64 -0.82	34.82 2.55 -1.55	38.47 3.07 -2.76	40.55 3.17 -2.96	38.61 3.29 0.00	46.92 4.03 0.00	51.62 4.65 0.00	59.18 4.71 -2.73	56.26 3.99 -2.99	53.62 3.88 0.00	42.99 2.58 -0.17	40.80 2.60 0.00	37.76 2.47 0.00	35.18 2.09 0.00
RAVENSWOOD_GT_6 24253	34.00 2.05 0.00	30.91 1.91 0.00	28.66 1.77 0.00	27.43 1.63 0.00	27.01 1.53 0.00	27.35 1.52 0.00	27.54 1.68 0.00	26.37 1.70 -4.13	27.56 2.16 0.00	31.72 2.49 0.00	34.12 2.64 -0.82	34.82 2.55 -1.55	38.47 3.07 -2.76	40.55 3.17 -2.96	38.61 3.29 0.00	46.92 4.03 0.00	51.62 4.65 0.00	59.18 4.71 -2.73	56.26 3.99 -2.99	53.62 3.88 0.00	42.99 2.58 -0.17	40.80 2.60 0.00	37.76 2.47 0.00	35.18 2.09 0.00
RAVENSWOOD_GT_7 24255	34.00 2.05 0.00	30.91 1.91 0.00	28.66 1.77 0.00	27.43 1.63 0.00	27.01 1.53 0.00	27.35 1.52 0.00	27.54 1.68 0.00	26.37 1.70 -4.13	27.56 2.16 0.00	31.72 2.49 0.00	34.12 2.64 -0.82	34.82 2.55 -1.55	38.47 3.07 -2.76	40.55 3.17 -2.96	38.61 3.29 0.00	46.92 4.03 0.00	51.62 4.65 0.00	59.18 4.71 -2.73	56.26 3.99 -2.99	53.62 3.88 0.00	42.99 2.58 -0.17	40.80 2.60 0.00	37.76 2.47 0.00	35.18 2.09 0.00
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	34.00 2.05 0.00	30.94 1.94 0.00	28.69 1.80 0.00	27.43 1.63 0.00	27.04 1.55 0.00	27.35 1.52 0.00	27.54 1.68 0.00	26.35 1.68 -4.13	27.53 2.13 0.00	31.72 2.49 0.00	34.12 2.64 -0.82	34.82 2.55 -1.55	38.50 3.10 -2.76	40.55 3.17 -2.96	38.61 3.29 0.00	46.92 4.03 0.00	51.62 4.65 0.00	59.18 4.71 -2.73	56.21 3.94 -2.99	53.57 3.83 0.00	42.95 2.54 -0.17	40.80 2.60 0.00	37.76 2.47 0.00	35.18 2.09 0.00
RAVENSWOOD_GT_9 24257	34.00 2.05 0.00	30.88 1.88 0.00	28.66 1.77 0.00	27.46 1.65 0.00	27.09 1.61 0.00	27.30 1.47 0.00	27.56 1.71 0.00	26.35 1.68 -4.13	27.53 2.13 0.00	31.72 2.48 0.00	34.13 2.64 -0.82	34.82 2.55 -1.55	38.50 3.10 -2.76	40.55 3.17 -2.96	38.65 3.32 0.00	46.92 4.03 0.00	51.58 4.61 0.00	59.13 4.66 -2.73	56.25 3.99 -2.99	53.62 3.88 0.00	42.99 2.58 -0.17	40.87 2.67 0.00	37.87 2.58 0.00	35.18 2.09 0.00
RAVENSWOOD___1 23533	34.10 2.14 0.00	31.00 2.00 0.00	28.77 1.88 0.00	27.53 1.73 0.00	27.14 1.66 0.00	27.35 1.52 0.00	27.59 1.73 0.00	26.37 1.70 -4.13	27.53 2.13 0.00	31.78 2.54 0.00	34.19 2.70 -0.82	34.88 2.61 -1.55	38.56 3.17 -2.76	40.66 3.27 -2.96	38.75 3.43 0.00	46.96 4.08 0.00	51.62 4.65 0.00	59.13 4.66 -2.73	56.16 3.89 -2.99	53.51 3.78 0.00	42.87 2.46 -0.17	40.91 2.71 0.00	37.97 2.68 0.00	35.28 2.18 0.00
RAVENSWOOD___2 23534	34.00 2.05 0.00	30.91 1.91 0.00	28.69 1.80 0.00	27.48 1.68 0.00	27.09 1.61 0.00	27.28 1.45 0.00	27.54 1.68 0.00	26.33 1.66 -4.13	27.48 2.08 0.00	31.72 2.48 0.00	34.09 2.61 -0.82	34.79 2.52 -1.55	38.50 3.10 -2.76	40.59 3.20 -2.96	38.69 3.36 0.00	46.62 3.73 0.00	51.20 4.23 0.00	58.66 4.19 -2.73	55.71 3.45 -2.99	53.07 3.33 0.00	42.74 2.33 -0.17	40.80 2.60 0.00	37.87 2.58 0.00	35.22 2.12 0.00
RAVENSWOOD___3 23535	34.00 2.05 0.00	30.88 1.88 0.00	28.66 1.77 0.00	27.48 1.68 0.00	27.09 1.61 0.00	27.33 1.50 0.00	27.56 1.71 0.00	26.35 1.68 -4.13	27.53 2.13 0.00	31.75 2.51 0.00	34.13 2.64 -0.82	34.82 2.55 -1.55	38.50 3.10 -2.76	40.55 3.17 -2.96	38.65 3.32 0.00	46.92 4.03 0.00	51.58 4.61 0.00	59.13 4.66 -2.73	56.25 3.99 -2.99	53.62 3.88 0.00	42.99 2.58 -0.17	40.87 2.67 0.00	37.87 2.58 0.00	35.18 2.09 0.00
RAVENSWOOD___4 23820	34.07 2.11 0.00	30.97 1.97 0.00	28.74 1.85 0.00	27.51 1.70 0.00	27.14 1.66 0.00	27.33 1.50 0.00	27.56 1.71 0.00	26.35 1.68 -4.13	27.53 2.13 0.00	31.75 2.51 0.00	34.15 2.67 -0.82	34.85 2.58 -1.55	38.53 3.13 -2.76	40.62 3.24 -2.96	38.72 3.39 0.00	46.92 4.03 0.00	51.58 4.61 0.00	59.07 4.60 -2.73	56.11 3.85 -2.99	53.47 3.73 0.00	42.87 2.46 -0.17	40.87 2.67 0.00	37.94 2.65 0.00	35.25 2.15 0.00
RCPI_TRUST___DRP 24196	34.00 2.05 0.00	30.94 1.94 0.00	28.69 1.80 0.00	27.43 1.63 0.00	27.04 1.55 0.00	27.35 1.52 0.00	27.56 1.71 0.00	26.39 1.72 -4.13	27.58 2.18 0.00	31.78 2.54 0.00	34.19 2.70 -0.82	34.88 2.61 -1.55	38.56 3.17 -2.76	40.66 3.27 -2.96	38.72 3.39 0.00	47.05 4.16 0.00	51.71 4.74 0.00	59.28 4.81 -2.73	56.31 4.04 -2.99	53.67 3.93 0.00	43.03 2.62 -0.17	40.84 2.64 0.00	37.80 2.51 0.00	35.18 2.09 0.00
RED___ROCHESTER 323720	32.63 0.67 0.00	29.61 0.61 0.00	27.23 0.35 0.00	25.73 -0.08 0.00	25.28 -0.20 0.00	26.16 0.33 0.00	26.04 0.18 0.00	21.26 0.25 -0.48	25.80 0.41 0.00	29.73 0.50 0.00	31.46 0.71 -0.09	31.81 0.92 -0.17	33.91 0.95 -0.32	35.87 1.10 -0.34	36.39 1.06 0.00	44.26 1.37 0.00	48.38 1.41 0.00	54.05 2.02 -0.30	51.22 1.62 -0.33	51.38 1.64 0.00	42.23 1.97 -0.02	39.73 1.53 0.00	36.32 1.02 0.00	34.02 0.93 0.00
REGAN___SOLAR 323812	35.69 3.74 0.00	32.28 3.28 0.00	29.82 2.93 0.00	28.62 2.81 0.00	28.19 2.70 0.00	28.54 2.71 0.00	28.50 2.64 0.00	29.06 2.24 -6.29	28.14 2.74 0.00	32.42 3.19 0.00	37.52 4.38 -2.47	39.73 4.36 -4.65	40.95 4.11 -4.20	43.24 4.30 -4.50	39.49 4.17 0.00	47.94 5.06 0.00	51.95 4.98 0.00	66.41 6.47 -8.21	64.61 6.36 -8.98	56.25 6.51 0.00	46.50 5.75 -0.51	43.43 5.23 0.00	40.13 4.84 0.00	37.13 4.04 0.00
RENSSELAER___COGEN 23796	32.88 0.93 0.00	29.90 0.90 0.00	27.77 0.89 0.00	26.65 0.85 0.00	26.28 0.79 0.00	26.55 0.72 0.00	26.69 0.83 0.00	26.63 0.80 -5.30	26.42 1.02 0.00	30.35 1.11 0.00	33.68 1.23 -1.79	35.31 1.23 -3.36	37.42 1.24 -3.54	39.56 1.34 -3.79	36.64 1.31 0.00	44.56 1.67 0.00	48.85 1.88 0.00	59.74 2.07 -5.93	57.59 1.82 -6.49	51.63 1.89 0.00	41.98 1.37 -0.37	39.57 1.37 0.00	36.53 1.23 0.00	34.06 0.96 0.00
REPUBLIC_115KV_BARTNBRK 55605	36.50 4.54 0.00	32.94 3.94 0.00	30.27 3.39 0.00	29.06 3.25 0.00	28.59 3.11 0.00	28.93 3.10 0.00	28.81 2.95 0.00	28.63 2.59 -5.51	28.75 3.35 0.00	33.33 4.09 0.00	37.81 4.51 -2.64	40.36 4.67 -4.96	40.73 4.41 -3.68	43.02 4.65 -3.95	39.96 4.63 0.00	48.38 5.49 0.00	52.98 6.01 0.00	68.41 7.92 -8.76	66.55 7.69 -9.59	57.30 7.56 0.00	48.03 7.24 -0.54	44.62 6.42 0.00	40.98 5.68 0.00	37.83 4.73 0.00

REVERE_CPPR_DRP 24186	32.88 0.93 0.00	29.78 0.78 0.00	27.59 0.70 0.00	26.40 0.59 0.00	26.07 0.59 0.00	26.50 0.67 0.00	26.45 0.59 0.00	21.22 0.49 -0.20	26.08 0.69 0.00	30.11 0.88 0.00	31.86 1.20 0.00	31.98 1.26 0.00	34.08 1.31 -0.13	35.91 1.34 -0.14	36.71 1.38 0.00	44.64 1.76 0.00	49.17 2.02 -0.18	54.68 2.53 -0.41	52.03 2.46 -0.29	52.63 2.59 -0.31	42.45 2.21 0.00	40.19 1.99 0.00	36.95 1.66 0.00	34.26 1.16 0.00
REYNOLDS_115KV_TB3 80639	33.17 1.21 0.00	30.19 1.19 0.00	27.99 1.10 0.00	26.86 1.06 0.00	26.48 0.99 0.00	26.84 1.01 0.00	26.89 1.03 0.00	26.80 0.97 -5.30	26.62 1.22 0.00	30.61 1.37 0.00	34.03 1.47 -1.89	35.75 1.47 -3.55	37.68 1.50 -3.54	39.85 1.62 -3.80	36.95 1.63 0.00	44.86 1.97 0.00	49.23 2.25 0.00	60.55 2.53 -6.28	58.41 2.27 -6.87	51.97 2.24 0.00	42.36 1.73 -0.39	39.88 1.68 0.00	36.81 1.52 0.00	34.32 1.22 0.00
RIVERBAY____ 323610	34.49 2.52 -0.01	31.44 2.44 -0.01	29.13 2.23 -0.01	27.82 2.01 -0.01	27.40 1.91 -0.01	27.64 1.81 0.00	27.77 1.91 0.00	26.49 1.83 -4.13	27.61 2.21 0.00	31.87 2.63 0.00	34.40 2.91 -0.82	35.10 2.83 -1.55	38.86 3.46 -2.76	41.04 3.65 -2.96	39.28 3.96 0.00	47.73 4.85 0.00	52.14 5.17 0.00	59.75 5.28 -2.73	56.65 4.39 -2.99	53.96 4.23 0.00	43.11 2.70 -0.17	41.26 3.06 0.00	38.36 3.07 0.00	35.79 2.68 -0.01
RIVERSDE_115KV_TB3 55908	33.08 1.12 0.00	30.10 1.10 0.00	27.88 0.99 0.00	26.78 0.98 0.00	26.38 0.89 0.00	26.73 0.90 0.00	26.81 0.96 0.00	26.76 0.90 -5.32	26.57 1.17 0.00	30.55 1.32 0.00	33.99 1.41 -1.92	35.74 1.41 -3.60	37.63 1.44 -3.55	39.79 1.55 -3.81	36.85 1.52 0.00	44.77 1.89 0.00	49.13 2.16 0.00	60.53 2.43 -6.36	58.36 2.12 -6.97	51.87 2.14 0.00	42.29 1.65 -0.39	39.80 1.60 0.00	36.74 1.45 0.00	34.26 1.16 0.00
ROARING__BROOK_WT_PWR 323790	31.80 -0.16 0.00	28.86 -0.14 0.00	26.75 -0.13 0.00	25.73 -0.08 0.00	25.41 -0.08 0.00	25.73 -0.10 0.00	25.75 -0.10 0.00	20.39 -0.14 0.00	25.19 -0.20 0.00	29.00 -0.23 0.00	30.39 -0.28 0.00	30.45 -0.28 0.00	32.35 -0.29 0.00	34.12 -0.31 0.00	34.97 -0.35 0.00	42.46 -0.43 0.00	46.46 -0.52 0.00	51.12 -0.62 0.00	48.78 -0.49 0.00	49.24 -0.50 0.00	39.84 -0.40 0.00	37.82 -0.38 0.00	34.94 -0.35 0.00	32.87 -0.23 0.00
ROCHESRG_115KV_T4 355643	32.21 0.26 0.00	29.15 0.14 0.00	27.02 0.13 0.00	25.47 -0.34 0.00	25.03 -0.46 0.00	25.98 0.15 0.00	25.81 -0.05 0.00	21.05 0.04 -0.47	25.42 0.03 0.00	29.29 0.06 0.00	31.03 0.28 -0.09	31.35 0.46 -0.17	33.41 0.46 -0.31	35.35 0.59 -0.34	35.86 0.53 0.00	43.66 0.77 0.00	47.72 0.75 0.00	53.37 1.35 -0.29	50.38 0.79 -0.32	50.73 0.99 0.00	41.59 1.33 -0.02	39.19 0.99 0.00	35.89 0.60 0.00	33.53 0.43 0.00
ROCHESTER_9_IC 23652	32.44 0.48 0.00	29.35 0.35 0.00	27.18 0.30 0.00	25.62 -0.18 0.00	25.18 -0.31 0.00	26.14 0.31 0.00	25.96 0.10 0.00	21.17 0.16 -0.48	25.60 0.20 0.00	29.53 0.29 0.00	31.28 0.52 -0.09	31.63 0.74 -0.17	33.71 0.75 -0.32	35.63 0.86 -0.34	36.18 0.85 0.00	44.04 1.16 0.00	48.10 1.13 0.00	53.84 1.81 -0.30	50.88 1.28 -0.33	51.23 1.49 0.00	41.95 1.69 -0.02	39.54 1.34 0.00	36.18 0.88 0.00	33.79 0.70 0.00
ROCKVIEW_13_KV_LD 356306	34.03 2.08 0.00	30.97 1.97 0.00	28.69 1.80 0.00	27.48 1.68 0.00	27.09 1.61 0.00	27.41 1.58 0.00	27.59 1.73 0.00	26.39 1.72 -4.13	27.58 2.18 0.00	31.78 2.54 0.00	34.19 2.70 -0.82	34.91 2.64 -1.55	38.60 3.20 -2.76	40.73 3.34 -2.96	38.79 3.46 0.00	47.13 4.25 0.00	51.86 4.88 0.00	59.38 4.91 -2.73	56.50 4.24 -2.99	53.86 4.13 0.00	43.23 2.82 -0.17	40.99 2.79 0.00	37.87 2.58 0.00	35.18 2.09 0.00
ROME_____115KV_TB2 80656	32.88 0.93 0.00	29.78 0.78 0.00	27.59 0.70 0.00	26.40 0.59 0.00	26.07 0.59 0.00	26.50 0.67 0.00	26.45 0.59 0.00	21.22 0.49 -0.20	26.08 0.69 0.00	30.11 0.88 0.00	31.86 1.20 0.00	31.98 1.26 0.00	34.08 1.31 -0.13	35.91 1.34 -0.14	36.71 1.38 0.00	44.64 1.76 0.00	49.17 2.02 -0.18	54.68 2.53 -0.41	52.03 2.46 -0.29	52.63 2.59 -0.31	42.45 2.21 0.00	40.19 1.99 0.00	36.95 1.66 0.00	34.26 1.16 0.00
ROSETON____1 23587	33.52 1.57 0.00	30.48 1.48 0.00	28.28 1.40 0.00	27.14 1.34 0.00	26.76 1.27 0.00	27.02 1.19 0.00	27.20 1.34 0.00	26.00 1.33 -4.13	27.05 1.65 0.00	31.16 1.93 0.00	33.54 2.05 -0.82	34.26 2.00 -1.54	37.75 2.35 -2.76	39.83 2.44 -2.96	37.84 2.51 0.00	45.98 3.09 0.00	50.50 3.52 0.00	58.07 3.62 -2.72	55.35 3.11 -2.97	52.82 3.08 0.00	42.46 2.05 -0.17	40.30 2.10 0.00	37.27 1.98 0.00	34.65 1.56 0.00
ROSETON____2 23588	33.52 1.57 0.00	30.48 1.48 0.00	28.28 1.40 0.00	27.14 1.34 0.00	26.76 1.27 0.00	27.02 1.19 0.00	27.20 1.34 0.00	26.00 1.33 -4.13	27.05 1.65 0.00	31.16 1.93 0.00	33.54 2.05 -0.82	34.26 2.00 -1.54	37.75 2.35 -2.76	39.83 2.44 -2.96	37.84 2.51 0.00	45.98 3.09 0.00	50.50 3.52 0.00	58.07 3.62 -2.72	55.35 3.11 -2.97	52.82 3.08 0.00	42.46 2.05 -0.17	40.30 2.10 0.00	37.27 1.98 0.00	34.65 1.56 0.00
ROTTTRDAM_115KV_TB3 80664	33.40 1.44 0.00	30.33 1.33 0.00	28.10 1.21 0.00	26.97 1.16 0.00	26.58 1.10 0.00	26.94 1.11 0.00	26.97 1.11 0.00	27.17 1.05 -5.59	26.72 1.32 0.00	30.78 1.55 0.00	35.14 1.69 -2.79	37.67 1.69 -5.25	38.10 1.73 -3.73	40.25 1.82 -4.00	37.13 1.80 0.00	45.12 2.23 0.00	49.46 2.49 0.00	63.86 2.85 -9.28	62.04 2.61 -10.16	52.32 2.59 0.00	42.95 2.13 -0.58	40.23 2.02 0.00	37.09 1.80 0.00	34.59 1.49 0.00
RUSSELL____1 23602	32.63 0.67 0.00	29.49 0.49 0.00	27.34 0.46 0.00	25.75 -0.05 0.00	25.31 -0.18 0.00	26.27 0.44 0.00	26.06 0.21 0.00	21.26 0.25 -0.48	25.73 0.33 0.00	29.67 0.44 0.00	31.46 0.71 -0.09	31.81 0.92 -0.17	33.90 0.95 -0.32	35.87 1.10 -0.34	36.42 1.10 0.00	44.34 1.46 0.00	48.47 1.50 0.00	54.26 2.22 -0.30	51.27 1.68 -0.33	51.63 1.89 0.00	42.27 2.01 -0.02	39.84 1.64 0.00	36.42 1.13 0.00	33.99 0.89 0.00
RUSSELL____2 23532	32.63 0.67 0.00	29.49 0.49 0.00	27.34 0.46 0.00	25.75 -0.05 0.00	25.31 -0.18 0.00	26.27 0.44 0.00	26.06 0.21 0.00	21.26 0.25 -0.48	25.73 0.33 0.00	29.67 0.44 0.00	31.46 0.71 -0.09	31.81 0.92 -0.17	33.90 0.95 -0.32	35.87 1.10 -0.34	36.42 1.10 0.00	44.34 1.46 0.00	48.47 1.50 0.00	54.26 2.22 -0.30	51.27 1.68 -0.33	51.63 1.89 0.00	42.27 2.01 -0.02	39.84 1.64 0.00	36.42 1.13 0.00	33.99 0.89 0.00
RUSSELL____3 23549	32.63 0.67 0.00	29.49 0.49 0.00	27.34 0.46 0.00	25.75 -0.05 0.00	25.31 -0.18 0.00	26.27 0.44 0.00	26.06 0.21 0.00	21.26 0.25 -0.48	25.73 0.33 0.00	29.67 0.44 0.00	31.46 0.71 -0.09	31.81 0.92 -0.17	33.90 0.95 -0.32	35.87 1.10 -0.34	36.42 1.10 0.00	44.34 1.46 0.00	48.47 1.50 0.00	54.26 2.22 -0.30	51.27 1.68 -0.33	51.63 1.89 0.00	42.27 2.01 -0.02	39.84 1.64 0.00	36.42 1.13 0.00	33.99 0.89 0.00

RUSSELL___4 23556	32.63 0.67 0.00	29.49 0.49 0.00	27.34 0.46 0.00	25.75 -0.05 0.00	25.31 -0.18 0.00	26.27 0.44 0.00	26.06 0.21 0.00	21.26 0.25 -0.48	25.73 0.33 0.00	29.67 0.44 0.00	31.46 0.71 -0.09	31.81 0.92 -0.17	33.90 0.95 -0.32	35.87 1.10 -0.34	36.42 1.10 0.00	44.34 1.46 0.00	48.47 1.50 0.00	54.26 2.22 -0.30	51.27 1.68 -0.33	51.63 1.89 0.00	42.27 2.01 -0.02	39.84 1.64 0.00	36.42 1.13 0.00	33.99 0.89 0.00
RUSSELL___STATION 23914	32.63 0.67 0.00	29.49 0.49 0.00	27.34 0.46 0.00	25.75 -0.05 0.00	25.31 -0.18 0.00	26.27 0.44 0.00	26.06 0.21 0.00	21.26 0.25 -0.48	25.73 0.33 0.00	29.67 0.44 0.00	31.46 0.71 -0.09	31.81 0.92 -0.17	33.90 0.95 -0.32	35.87 1.10 -0.34	36.42 1.10 0.00	44.34 1.46 0.00	48.47 1.50 0.00	54.26 2.22 -0.30	51.27 1.68 -0.33	51.63 1.89 0.00	42.27 2.01 -0.02	39.84 1.64 0.00	36.42 1.13 0.00	33.99 0.89 0.00
S SALMON___HYD 24043	31.67 -0.29 0.00	28.71 -0.29 0.00	26.56 -0.32 0.00	25.42 -0.39 0.00	25.05 -0.43 0.00	25.49 -0.34 0.00	25.44 -0.41 0.00	20.55 -0.27 -0.28	25.07 -0.33 0.00	28.89 -0.35 0.00	30.42 -0.25 0.00	30.54 -0.18 0.00	32.57 -0.26 -0.19	34.32 -0.31 -0.20	34.94 -0.39 0.00	42.29 -0.60 0.00	47.15 -0.70 -0.89	53.35 -0.42 -2.03	50.38 -0.34 -1.45	51.15 -0.15 -1.56	40.32 0.08 0.00	38.28 0.08 0.00	35.33 0.04 0.00	32.90 -0.20 0.00
S.PERRY___115KV_TB1 80734	33.52 1.57 0.00	30.30 1.30 0.00	28.07 1.18 0.00	26.42 0.62 0.00	25.92 0.43 0.00	26.97 1.14 0.00	26.71 0.85 0.00	21.84 0.64 -0.66	26.24 0.84 0.00	30.05 0.82 0.00	31.87 1.07 -0.13	32.24 1.26 -0.25	33.87 0.78 -0.44	35.66 0.76 -0.48	36.28 0.95 0.00	44.34 1.46 0.00	48.71 1.74 0.00	55.13 2.95 -0.45	52.47 2.71 -0.49	53.27 3.53 0.00	43.85 3.58 -0.03	41.33 3.13 0.00	37.76 2.47 0.00	35.12 2.02 0.00
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	32.37 0.42 0.00	29.29 0.29 0.00	27.10 0.22 0.00	25.34 -0.46 0.00	24.85 -0.64 0.00	26.17 0.34 0.00	25.91 0.05 0.00	21.03 -0.12 -0.62	25.40 0.00 0.00	29.21 -0.03 0.00	31.03 0.25 -0.12	31.42 0.46 -0.23	33.12 0.07 -0.41	34.97 0.10 -0.44	35.68 0.35 0.00	43.57 0.69 0.00	47.58 0.61 0.00	53.44 1.29 -0.41	50.11 0.39 -0.45	50.48 0.75 0.00	41.68 1.41 -0.03	39.16 0.96 0.00	35.93 0.64 0.00	33.73 0.63 0.00
SAWYER___23_KV_LOAD 55526	32.37 0.42 0.00	29.29 0.29 0.00	27.10 0.22 0.00	25.34 -0.46 0.00	24.85 -0.64 0.00	26.17 0.34 0.00	25.91 0.05 0.00	21.03 -0.12 -0.62	25.40 0.00 0.00	29.21 -0.03 0.00	31.03 0.25 -0.12	31.42 0.46 -0.23	33.12 0.07 -0.41	34.97 0.10 -0.44	35.68 0.35 0.00	43.57 0.69 0.00	47.58 0.61 0.00	53.44 1.29 -0.41	50.11 0.39 -0.45	50.48 0.75 0.00	41.68 1.41 -0.03	39.16 0.96 0.00	35.93 0.64 0.00	33.73 0.63 0.00
SELKIRK___I 23801	33.27 1.31 0.00	30.22 1.22 0.00	28.04 1.16 0.00	26.91 1.11 0.00	26.53 1.05 0.00	26.84 1.01 0.00	26.92 1.06 0.00	26.70 0.97 -5.20	26.62 1.22 0.00	30.61 1.37 0.00	33.66 1.47 -1.52	35.09 1.51 -2.86	37.61 1.50 -3.47	39.77 1.62 -3.72	36.92 1.59 0.00	44.86 1.97 0.00	49.13 2.16 0.00	59.22 2.43 -5.05	57.07 2.27 -5.53	52.07 2.34 0.00	42.37 1.81 -0.31	39.96 1.76 0.00	36.92 1.62 0.00	34.42 1.33 0.00
SELKIRK___II 23799	32.98 1.02 0.00	29.99 0.99 0.00	27.85 0.97 0.00	26.73 0.93 0.00	26.35 0.87 0.00	26.66 0.83 0.00	26.74 0.88 0.00	26.65 0.84 -5.27	26.46 1.07 0.00	30.43 1.20 0.00	33.54 1.29 -1.59	35.00 1.29 -2.99	37.50 1.34 -3.52	39.65 1.45 -3.77	36.74 1.41 0.00	44.65 1.76 0.00	48.94 1.97 0.00	59.13 2.12 -5.27	56.96 1.92 -5.77	51.73 1.99 0.00	42.02 1.45 -0.33	39.65 1.45 0.00	36.63 1.34 0.00	34.12 1.03 0.00
SENECA OSWGO___HYD 24041	31.35 -0.61 0.00	28.42 -0.58 0.00	26.32 -0.57 0.00	25.16 -0.64 0.00	24.80 -0.69 0.00	25.24 -0.59 0.00	25.24 -0.62 0.00	20.46 -0.39 -0.31	24.91 -0.48 0.00	28.74 -0.50 0.00	30.27 -0.40 0.00	30.39 -0.34 0.00	32.36 -0.49 -0.21	34.14 -0.52 -0.22	34.80 -0.53 0.00	42.24 -0.64 0.00	47.50 -0.70 -1.23	54.09 -0.47 -2.82	50.75 -0.54 -2.01	51.45 -0.45 -2.16	40.00 -0.24 0.00	37.89 -0.31 0.00	34.94 -0.35 0.00	32.57 -0.53 0.00
SENECA___115KV_TB3 355854	32.69 0.74 0.00	29.58 0.58 0.00	27.37 0.48 0.00	25.60 -0.21 0.00	25.08 -0.41 0.00	26.40 0.57 0.00	26.17 0.31 0.00	21.18 0.00 -0.64	25.70 0.30 0.00	29.56 0.32 0.00	31.47 0.67 -0.13	31.89 0.92 -0.24	33.36 0.29 -0.43	35.23 0.34 -0.46	36.14 0.81 0.00	44.09 1.20 0.00	48.14 1.17 0.00	54.18 2.02 -0.43	50.78 1.03 -0.47	51.13 1.39 0.00	42.16 1.89 -0.03	39.65 1.45 0.00	36.42 1.13 0.00	34.09 0.99 0.00
SENECA___ENERGY 23797	31.99 0.03 0.00	29.09 0.09 0.00	26.83 -0.05 0.00	25.55 -0.26 0.00	25.15 -0.33 0.00	25.80 -0.03 0.00	25.78 -0.08 0.00	21.03 0.00 -0.50	25.45 0.05 0.00	29.44 0.21 0.00	31.19 0.43 -0.10	31.40 0.49 -0.18	33.14 0.16 -0.33	34.99 0.21 -0.36	35.65 0.32 0.00	43.36 0.47 0.00	47.90 0.42 -0.51	54.36 1.14 -1.49	51.39 0.93 -1.19	51.63 0.99 -0.90	41.39 1.13 -0.02	39.08 0.88 0.00	35.86 0.56 0.00	33.39 0.30 0.00
SHOEMAKER___GT 23640	33.40 1.44 0.00	30.33 1.33 0.00	28.12 1.24 0.00	26.99 1.19 0.00	26.58 1.10 0.00	26.89 1.06 0.00	27.02 1.16 0.00	25.33 1.13 -3.66	26.79 1.40 0.00	30.87 1.64 0.00	33.11 1.72 -0.73	33.79 1.69 -1.37	37.01 1.93 -2.45	39.05 2.00 -2.62	37.41 2.08 0.00	45.46 2.57 0.00	49.98 3.01 0.00	57.37 3.21 -2.43	54.73 2.81 -2.65	52.52 2.78 0.00	42.24 1.85 -0.15	40.11 1.91 0.00	37.09 1.80 0.00	34.52 1.42 0.00
SHOEMAKR_138KV_BK 111 55601	33.36 1.41 0.00	30.30 1.30 0.00	28.10 1.21 0.00	26.94 1.14 0.00	26.53 1.04 0.00	26.89 1.06 0.00	26.97 1.11 0.00	25.29 1.13 -3.63	26.82 1.42 0.00	30.87 1.64 0.00	33.11 1.72 -0.72	33.77 1.69 -1.36	37.02 1.96 -2.42	39.06 2.03 -2.60	37.41 2.08 0.00	45.46 2.57 0.00	49.98 3.01 0.00	57.34 3.21 -2.40	54.66 2.76 -2.63	52.42 2.69 0.00	42.20 1.81 -0.15	40.07 1.87 0.00	37.02 1.73 0.00	34.49 1.39 0.00
SHOREHAM_IC_1 23715	41.39 2.97 -6.46	39.19 2.67 -7.52	37.28 2.77 -7.63	33.10 2.58 -4.72	30.66 2.52 -2.65	30.74 2.46 -2.46	31.73 2.79 -3.08	31.69 2.32 -8.83	34.68 3.05 -6.23	40.70 3.42 -8.04	48.69 3.65 -14.38	51.44 3.65 -17.06	60.18 4.01 -23.53	63.68 4.27 -24.98	63.11 4.31 -23.48	73.10 5.32 -24.89	100.50 5.82 -47.71	100.34 6.26 -42.35	74.35 5.61 -19.46	67.62 5.72 -12.17	60.56 3.95 -16.37	54.27 4.01 -12.06	48.79 3.78 -9.72	46.98 3.15 -10.73
SHOREHAM_IC_2 23716	41.39 2.97 -6.46	39.19 2.67 -7.52	37.28 2.77 -7.63	33.10 2.58 -4.72	30.66 2.52 -2.65	30.74 2.46 -2.46	31.73 2.79 -3.08	31.69 2.32 -8.83	34.68 3.05 -6.23	40.70 3.42 -8.04	48.69 3.65 -14.38	51.44 3.65 -17.06	60.18 4.01 -23.53	63.68 4.27 -24.98	63.11 4.31 -23.48	73.10 5.32 -24.89	100.50 5.82 -47.71	100.34 6.26 -42.35	74.35 5.61 -19.46	67.62 5.72 -12.17	60.56 3.95 -16.37	54.27 4.01 -12.06	48.79 3.78 -9.72	46.98 3.15 -10.73

SISSONVILLE____ 23735	31.80 -0.16 0.00	28.85 -0.15 0.00	26.72 -0.16 0.00	25.78 -0.03 0.00	25.56 0.08 0.00	25.57 -0.26 0.00	25.31 -0.54 0.00	19.63 -0.90 0.00	24.26 -1.14 0.00	27.92 -1.32 0.00	29.16 -1.50 0.00	29.22 -1.51 0.00	31.07 -1.57 0.00	32.78 -1.65 0.00	33.63 -1.70 0.00	40.66 -2.23 0.00	44.38 -2.72 -0.13	48.98 -3.05 -0.30	47.12 -2.37 -0.21	47.48 -2.49 -0.23	38.39 -1.85 0.00	36.63 -1.57 0.00	34.31 -0.99 0.00	32.80 -0.30 0.00
SITHE_IND_GS1 24169	31.03 -0.93 0.00	28.13 -0.87 0.00	26.05 -0.83 0.00	24.93 -0.88 0.00	24.57 -0.92 0.00	25.03 -0.80 0.00	25.01 -0.85 0.00	20.21 -0.57 -0.25	24.69 -0.71 0.00	28.42 -0.82 0.00	29.87 -0.80 0.00	29.99 -0.74 0.00	31.96 -0.85 -0.17	33.75 -0.86 -0.18	34.45 -0.88 0.00	41.82 -1.07 0.00	42.21 -1.22 3.54	42.47 -1.14 8.13	42.28 -1.18 5.80	42.31 -1.19 6.23	39.44 -0.80 0.00	37.36 -0.84 0.00	34.45 -0.85 0.00	32.21 -0.89 0.00
SITHE_IND_GS2 24170	31.03 -0.93 0.00	28.13 -0.87 0.00	26.05 -0.83 0.00	24.93 -0.88 0.00	24.57 -0.92 0.00	25.03 -0.80 0.00	25.01 -0.85 0.00	20.21 -0.57 -0.25	24.69 -0.71 0.00	28.42 -0.82 0.00	29.87 -0.80 0.00	29.99 -0.74 0.00	31.96 -0.85 -0.17	33.75 -0.86 -0.18	34.45 -0.88 0.00	41.82 -1.07 0.00	42.21 -1.22 3.54	42.47 -1.14 8.13	42.28 -1.18 5.80	42.31 -1.19 6.23	39.44 -0.80 0.00	37.36 -0.84 0.00	34.45 -0.85 0.00	32.21 -0.89 0.00
SITHE_IND_GS3 24171	31.03 -0.93 0.00	28.13 -0.87 0.00	26.05 -0.83 0.00	24.93 -0.88 0.00	24.57 -0.92 0.00	25.03 -0.80 0.00	25.01 -0.85 0.00	20.21 -0.57 -0.25	24.69 -0.71 0.00	28.42 -0.82 0.00	29.87 -0.80 0.00	29.99 -0.74 0.00	31.96 -0.85 -0.17	33.75 -0.86 -0.18	34.45 -0.88 0.00	41.82 -1.07 0.00	42.21 -1.22 3.54	42.47 -1.14 8.13	42.28 -1.18 5.80	42.31 -1.19 6.23	39.44 -0.80 0.00	37.36 -0.84 0.00	34.45 -0.85 0.00	32.21 -0.89 0.00
SITHE_IND_GS4 24172	31.03 -0.93 0.00	28.13 -0.87 0.00	26.05 -0.83 0.00	24.93 -0.88 0.00	24.57 -0.92 0.00	25.03 -0.80 0.00	25.01 -0.85 0.00	20.21 -0.57 -0.25	24.69 -0.71 0.00	28.42 -0.82 0.00	29.87 -0.80 0.00	29.99 -0.74 0.00	31.96 -0.85 -0.17	33.75 -0.86 -0.18	34.45 -0.88 0.00	41.82 -1.07 0.00	42.21 -1.22 3.54	42.47 -1.14 8.13	42.28 -1.18 5.80	42.31 -1.19 6.23	39.44 -0.80 0.00	37.36 -0.84 0.00	34.45 -0.85 0.00	32.21 -0.89 0.00
SITHE____BATAVIA 24024	33.08 1.12 0.00	30.07 1.07 0.00	27.56 0.67 0.00	25.80 0.00 0.00	25.41 -0.08 0.00	26.55 0.72 0.00	26.30 0.44 0.00	21.37 0.29 -0.55	25.86 0.46 0.00	29.82 0.58 0.00	31.69 0.92 -0.11	32.06 1.14 -0.20	33.95 0.95 -0.37	35.92 1.10 -0.39	36.56 1.24 0.00	44.47 1.59 0.00	48.24 1.27 0.00	54.36 2.27 -0.35	51.53 1.87 -0.39	51.67 1.94 0.00	42.80 2.54 -0.02	40.19 1.99 0.00	36.71 1.41 0.00	34.46 1.36 0.00
SITHE____INDEPEND 23800	31.03 -0.93 0.00	28.13 -0.87 0.00	26.08 -0.81 0.00	24.95 -0.85 0.00	24.59 -0.89 0.00	25.05 -0.77 0.00	25.03 -0.83 0.00	20.21 -0.57 -0.25	24.66 -0.74 0.00	28.42 -0.82 0.00	29.87 -0.80 0.00	29.99 -0.74 0.00	31.96 -0.85 -0.17	33.75 -0.86 -0.18	34.44 -0.88 0.00	41.81 -1.07 0.00	42.21 -1.22 3.54	42.52 -1.09 8.13	42.29 -1.18 5.80	42.36 -1.14 6.23	39.44 -0.80 0.00	37.36 -0.84 0.00	34.48 -0.81 0.00	32.20 -0.89 0.00
SITHE____MASSENA 23902	31.93 -0.03 0.00	28.97 -0.03 0.00	26.86 -0.03 0.00	25.88 0.08 0.00	25.66 0.18 0.00	25.88 0.05 0.00	25.78 -0.08 0.00	20.12 -0.41 0.00	24.86 -0.53 0.00	28.56 -0.67 0.00	29.81 -0.86 0.00	29.86 -0.86 0.00	31.76 -0.88 0.00	33.53 -0.90 0.00	34.48 -0.85 0.00	41.69 -1.20 0.00	45.37 -1.60 0.00	49.92 -1.81 0.00	47.89 -1.38 0.00	48.29 -1.44 0.00	39.12 -1.13 0.00	37.17 -1.03 0.00	34.55 -0.74 0.00	32.93 -0.16 0.00
SITHE____OGDNSBRG 24021	32.24 0.29 0.00	29.23 0.23 0.00	27.10 0.22 0.00	26.14 0.34 0.00	25.94 0.46 0.00	26.04 0.21 0.00	25.91 0.05 0.00	20.12 -0.41 0.00	24.89 -0.51 0.00	28.62 -0.61 0.00	29.90 -0.77 0.00	29.96 -0.77 0.00	31.89 -0.75 0.00	33.64 -0.79 0.00	34.52 -0.81 0.00	41.73 -1.16 0.00	45.37 -1.60 0.00	49.92 -1.81 0.00	48.09 -1.18 0.00	48.54 -1.19 0.00	39.40 -0.85 0.00	37.51 -0.69 0.00	34.94 -0.35 0.00	33.30 0.20 0.00
SITHE____STERLING 23777	32.66 0.70 0.00	29.61 0.61 0.00	27.40 0.51 0.00	26.22 0.41 0.00	25.87 0.38 0.00	26.29 0.47 0.00	26.30 0.44 0.00	21.15 0.39 -0.23	25.93 0.53 0.00	29.94 0.70 0.00	31.62 0.95 0.00	31.74 1.01 0.00	33.81 1.01 -0.15	35.66 1.07 -0.16	36.42 1.10 0.00	44.30 1.41 0.00	48.71 1.55 -0.20	54.20 2.02 -0.45	51.57 1.97 -0.32	52.12 2.04 -0.35	42.01 1.77 0.00	39.80 1.60 0.00	36.60 1.31 0.00	33.99 0.89 0.00
SLEIGHT__34_KV_TB1 80719	32.82 0.86 0.00	29.70 0.70 0.00	27.50 0.62 0.00	26.17 0.36 0.00	25.77 0.28 0.00	26.42 0.59 0.00	26.32 0.47 0.00	21.47 0.47 -0.47	26.06 0.66 0.00	30.11 0.88 0.00	32.04 1.29 -0.09	32.31 1.41 -0.17	34.13 1.18 -0.31	36.04 1.27 -0.34	36.74 1.41 0.00	44.69 1.80 0.00	49.36 1.97 -0.41	55.97 3.00 -1.24	52.78 2.51 -1.00	53.15 2.69 -0.72	42.67 2.41 -0.02	40.26 2.06 0.00	36.88 1.59 0.00	34.19 1.09 0.00
SOUTH CAIRO____GT 23612	34.19 2.24 0.00	31.00 2.00 0.00	28.69 1.80 0.00	27.56 1.76 0.00	27.12 1.63 0.00	27.43 1.60 0.00	27.46 1.60 0.00	26.75 1.25 -4.97	27.03 1.63 0.00	31.19 1.96 0.00	34.03 1.93 -1.43	35.42 2.00 -2.69	37.75 1.79 -3.32	39.91 1.93 -3.56	37.27 1.94 0.00	45.29 2.40 0.00	49.69 2.72 0.00	60.06 3.57 -4.76	57.93 3.45 -5.21	53.37 3.63 0.00	43.31 2.77 -0.30	41.03 2.83 0.00	37.87 2.58 0.00	35.28 2.18 0.00
SOUTH HAMPTN____IC 23720	42.25 3.83 -6.46	40.00 3.48 -7.52	37.95 3.44 -7.63	33.72 3.20 -4.72	31.27 3.13 -2.65	31.36 3.07 -2.46	32.32 3.39 -3.08	32.20 2.83 -8.83	35.36 3.73 -6.23	41.58 4.30 -8.04	49.68 4.63 -14.38	52.44 4.67 -17.04	61.28 5.16 -23.49	64.91 5.51 -24.98	64.38 5.58 -23.48	74.55 6.77 -24.89	101.71 7.47 -47.27	100.65 7.96 -40.95	75.60 7.19 -19.13	68.99 7.21 -12.05	61.53 5.19 -16.10	55.33 5.15 -11.98	49.74 4.73 -9.72	47.87 4.04 -10.73
SOUTHDOW_115KV_TB1 355954	33.59 1.63 0.00	30.48 1.48 0.00	28.12 1.24 0.00	26.37 0.57 0.00	25.79 0.31 0.00	27.15 1.32 0.00	27.02 1.16 0.00	21.89 0.66 -0.70	26.69 1.30 0.00	30.73 1.49 0.00	32.80 1.99 -0.14	33.23 2.24 -0.27	34.44 1.34 -0.46	36.30 1.38 -0.50	37.38 2.05 0.00	45.55 2.66 0.00	49.55 2.58 0.00	55.88 3.67 -0.47	52.45 2.66 -0.51	52.77 3.03 0.00	43.53 3.26 -0.03	40.99 2.79 0.00	37.66 2.36 0.00	35.15 2.05 0.00
SOUTHOLD_69_KV_BK 2 55809	43.14 4.73 -6.46	40.84 4.32 -7.52	38.71 4.19 -7.63	34.37 3.84 -4.72	31.88 3.75 -2.65	32.06 3.77 -2.46	32.87 3.93 -3.08	32.76 3.39 -8.83	36.12 4.50 -6.23	42.48 5.20 -8.04	50.75 5.81 -14.38	53.58 5.70 -17.04	62.53 6.40 -23.49	66.29 6.89 -24.98	65.73 6.92 -23.48	76.27 8.49 -24.89	103.54 9.30 -47.27	102.74 10.04 -40.96	74.34 8.97 -16.10	70.74 8.95 -12.05	62.82 6.48 -16.10	56.48 6.30 -11.98	50.73 5.72 -9.72	48.83 5.00 -10.73

SOUTHOLD___IC 23719	43.14 4.73 -6.46	40.78 4.26 -7.52	38.68 4.17 -7.63	34.39 3.87 -4.72	31.93 3.80 -2.65	32.03 3.74 -2.46	33.00 4.06 -3.08	32.76 3.39 -8.83	36.07 4.44 -6.23	42.48 5.20 -8.04	50.75 5.70 -14.38	53.58 5.81 -17.04	62.53 6.40 -23.49	66.26 6.85 -24.98	65.73 6.93 -23.48	76.27 8.49 -24.89	103.45 9.21 -47.27	102.63 9.93 -40.96	77.38 8.97 -19.14	70.73 8.95 -12.05	62.86 6.52 -16.10	56.52 6.34 -11.98	50.80 5.79 -9.72	48.83 5.00 -10.73
SPIERFLS_115KV_TB 1 80737	34.10 2.14 0.00	30.91 1.91 0.00	28.55 1.67 0.00	27.43 1.63 0.00	27.01 1.53 0.00	27.33 1.50 0.00	27.36 1.50 0.00	27.43 1.38 -5.52	27.18 1.78 0.00	31.37 2.13 0.00	35.47 2.15 -2.65	37.90 2.18 -4.99	38.38 2.06 -3.68	40.41 2.03 -3.95	37.24 1.91 0.00	45.20 2.32 0.00	49.65 2.68 0.00	63.86 3.31 -8.82	62.37 3.45 -9.65	53.12 3.38 0.00	44.25 3.46 -0.55	41.29 3.09 0.00	38.05 2.75 0.00	35.35 2.25 0.00
ST LAWRENCE___ 23600	31.44 -0.51 0.00	28.57 -0.43 0.00	26.48 -0.40 0.00	25.52 -0.28 0.00	25.31 -0.18 0.00	25.52 -0.31 0.00	25.50 -0.36 0.00	20.00 -0.53 0.00	24.71 -0.68 0.00	28.39 -0.85 0.00	29.62 -1.04 0.00	29.65 -1.08 0.00	31.56 -1.08 0.00	33.29 -1.14 0.00	34.20 -1.13 0.00	41.43 -1.46 0.00	45.23 -1.74 0.00	49.66 -2.07 0.00	47.60 -1.68 0.00	47.99 -1.74 0.00	38.83 -1.41 0.00	36.90 -1.30 0.00	34.24 -1.06 0.00	32.50 -0.59 0.00
STATE_CA_115KV_115_LB 55624	33.11 1.15 0.00	30.10 1.10 0.00	27.88 0.99 0.00	26.78 0.98 0.00	26.38 0.89 0.00	26.73 0.90 0.00	26.79 0.93 0.00	26.80 0.90 -5.37	26.59 1.19 0.00	30.55 1.32 0.00	34.15 1.44 -2.04	36.01 1.44 -3.84	37.69 1.47 -3.58	39.89 1.62 -3.84	36.92 1.59 0.00	44.82 1.93 0.00	49.13 2.16 0.00	61.01 2.48 -6.79	58.92 2.22 -7.43	51.92 2.19 0.00	42.35 1.69 -0.42	39.84 1.64 0.00	36.78 1.48 0.00	34.29 1.19 0.00
STATE_ST_34_KV_LOAD 55959	32.50 0.54 0.00	29.46 0.46 0.00	27.29 0.40 0.00	26.04 0.23 0.00	25.64 0.15 0.00	26.19 0.36 0.00	26.14 0.28 0.00	21.29 0.27 -0.49	25.80 0.41 0.00	29.79 0.56 0.00	31.34 0.58 -0.10	31.58 0.68 -0.18	33.43 0.46 -0.33	35.26 0.48 -0.35	36.00 0.67 0.00	43.70 0.81 0.00	48.85 1.27 -0.61	55.57 2.12 -1.72	52.34 1.72 -1.35	52.65 1.84 -1.08	41.95 1.69 -0.02	39.61 1.41 0.00	36.42 1.13 0.00	33.83 0.73 0.00
STATION 5_MISC_HYD 23604	32.44 0.48 0.00	29.44 0.44 0.00	27.08 0.19 0.00	25.60 -0.21 0.00	25.15 -0.33 0.00	26.04 0.21 0.00	25.94 0.08 0.00	21.15 0.14 -0.48	25.68 0.28 0.00	29.56 0.32 0.00	31.28 0.52 -0.09	31.63 0.74 -0.17	33.71 0.75 -0.32	35.63 0.86 -0.34	36.10 0.78 0.00	43.96 1.07 0.00	48.05 1.08 0.00	53.58 1.55 -0.30	50.83 1.23 -0.33	50.98 1.24 0.00	41.91 1.65 -0.02	39.46 1.26 0.00	36.11 0.81 0.00	33.82 0.73 0.00
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	32.34 0.38 0.00	29.29 0.29 0.00	27.15 0.27 0.00	25.70 -0.10 0.00	25.28 -0.20 0.00	26.09 0.26 0.00	25.94 0.08 0.00	21.17 0.16 -0.47	25.65 0.25 0.00	29.62 0.38 0.00	31.46 0.71 -0.09	31.72 0.83 -0.17	33.68 0.72 -0.32	35.63 0.86 -0.34	36.21 0.88 0.00	44.09 1.20 0.00	48.27 1.17 -0.13	54.29 1.97 -0.59	51.29 1.48 -0.54	51.60 1.64 -0.23	41.95 1.69 -0.02	39.58 1.38 0.00	36.21 0.92 0.00	33.73 0.63 0.00
STA_56_34_KV_BUS2_REV_LBMP_B 345033	32.21 0.26 0.00	29.12 0.12 0.00	26.99 0.11 0.00	25.47 -0.34 0.00	25.03 -0.46 0.00	25.93 0.10 0.00	25.78 -0.08 0.00	21.03 0.02 -0.47	25.42 0.03 0.00	29.35 0.12 0.00	31.12 0.37 -0.09	31.47 0.58 -0.17	33.54 0.59 -0.31	35.49 0.72 -0.34	35.96 0.64 0.00	43.83 0.94 0.00	47.82 0.85 0.00	53.53 1.50 -0.29	50.58 0.99 -0.32	50.88 1.14 0.00	41.67 1.41 -0.02	39.27 1.07 0.00	35.93 0.64 0.00	33.53 0.43 0.00
STA_56___34_KV_BUS2 355983	32.21 0.26 0.00	29.12 0.12 0.00	26.99 0.11 0.00	25.47 -0.34 0.00	25.03 -0.46 0.00	25.93 0.10 0.00	25.78 -0.08 0.00	21.03 0.02 -0.47	25.42 0.03 0.00	29.35 0.12 0.00	31.12 0.37 -0.09	31.47 0.58 -0.17	33.54 0.59 -0.31	35.49 0.72 -0.34	35.96 0.64 0.00	43.83 0.94 0.00	47.82 0.85 0.00	53.53 1.50 -0.29	50.58 0.99 -0.32	50.88 1.14 0.00	41.67 1.41 -0.02	39.27 1.07 0.00	35.93 0.64 0.00	33.53 0.43 0.00
STA_67___115KV_BK2 355882	32.37 0.42 0.00	29.26 0.26 0.00	27.13 0.24 0.00	25.57 -0.23 0.00	25.13 -0.36 0.00	26.09 0.26 0.00	25.88 0.03 0.00	21.11 0.10 -0.47	25.53 0.13 0.00	29.44 0.20 0.00	31.18 0.43 -0.09	31.51 0.61 -0.17	33.58 0.62 -0.32	35.53 0.76 -0.34	36.03 0.71 0.00	43.92 1.03 0.00	47.96 0.99 0.00	53.69 1.66 -0.30	50.68 1.08 -0.33	51.03 1.29 0.00	41.83 1.57 -0.02	39.42 1.22 0.00	36.07 0.78 0.00	33.69 0.60 0.00
STA_7___115KV_9TRANS 80674	32.63 0.67 0.00	29.49 0.49 0.00	27.34 0.46 0.00	25.75 -0.05 0.00	25.31 -0.18 0.00	26.27 0.44 0.00	26.06 0.21 0.00	21.26 0.25 -0.48	25.73 0.33 0.00	29.67 0.44 0.00	31.46 0.71 -0.09	31.81 0.92 -0.17	33.90 0.95 -0.32	35.87 1.10 -0.34	36.42 1.10 0.00	44.34 1.46 0.00	48.47 1.50 0.00	54.26 2.22 -0.30	51.27 1.68 -0.33	51.63 1.89 0.00	42.27 2.01 -0.02	39.84 1.64 0.00	36.42 1.13 0.00	33.99 0.89 0.00
STA_82___115KV_TB1 80780	32.37 0.42 0.00	29.29 0.29 0.00	27.15 0.27 0.00	25.57 -0.23 0.00	25.13 -0.36 0.00	26.09 0.26 0.00	25.91 0.05 0.00	21.13 0.12 -0.48	25.55 0.15 0.00	29.47 0.23 0.00	31.21 0.46 -0.09	31.54 0.65 -0.17	33.61 0.65 -0.32	35.56 0.79 -0.34	36.07 0.74 0.00	43.96 1.07 0.00	48.00 1.03 0.00	53.74 1.71 -0.30	50.73 1.13 -0.33	51.08 1.34 0.00	41.87 1.61 -0.02	39.46 1.26 0.00	36.11 0.81 0.00	33.73 0.63 0.00
STEEL___WIND 323596	32.66 0.70 0.00	29.69 0.69 0.00	27.21 0.32 0.00	25.55 -0.26 0.00	25.05 -0.43 0.00	26.29 0.47 0.00	26.14 0.28 0.00	21.16 -0.02 -0.64	25.42 0.03 0.00	29.61 0.38 0.00	31.44 0.64 -0.13	31.83 0.86 -0.24	33.33 0.26 -0.43	35.16 0.27 -0.46	36.07 0.74 0.00	43.96 1.07 0.00	47.34 0.37 0.00	53.82 1.66 -0.43	50.88 1.13 -0.47	50.78 1.05 0.00	42.16 1.89 -0.03	39.57 1.37 0.00	36.32 1.02 0.00	34.12 1.03 0.00
STEPHTWN_115KV_BK_2 55603	33.27 1.31 0.00	30.25 1.25 0.00	27.99 1.10 0.00	26.89 1.08 0.00	26.48 0.99 0.00	26.84 1.01 0.00	26.92 1.06 0.00	26.86 1.03 -5.30	26.69 1.30 0.00	30.70 1.46 0.00	34.08 1.63 -1.79	35.74 1.66 -3.36	37.84 1.66 -3.54	40.01 1.79 -3.79	37.20 1.87 0.00	45.29 2.40 0.00	49.60 2.63 0.00	60.82 3.16 -5.93	58.58 2.81 -6.49	52.52 2.79 0.00	42.82 2.21 -0.37	40.30 2.10 0.00	37.20 1.91 0.00	34.62 1.52 0.00
STEUBEN_REC_LFGE 323667	33.14 1.18 0.00	30.01 1.01 0.00	27.77 0.89 0.00	26.17 0.36 0.00	25.66 0.18 0.00	26.73 0.90 0.00	26.56 0.70 0.00	21.80 0.43 -0.83	26.24 0.84 0.00	30.23 0.99 0.00	32.28 1.44 -0.17	32.65 1.60 -0.33	34.11 0.91 -0.56	35.95 0.93 -0.60	36.78 1.45 0.00	44.86 1.97 0.00	49.41 2.25 -0.18	56.30 3.57 -0.99	53.01 2.81 -0.93	53.19 3.13 -0.32	43.38 3.10 -0.04	40.84 2.64 0.00	37.41 2.12 0.00	34.72 1.62 0.00

STONY___BROOK 24151	41.68 3.26 -6.46	39.45 2.93 -7.52	37.36 2.85 -7.63	33.18 2.66 -4.72	30.74 2.60 -2.65	30.82 2.53 -2.46	31.76 2.82 -3.08	31.83 2.46 -8.83	34.80 3.17 -6.23	40.93 3.65 -8.05	48.85 3.80 -14.38	51.62 3.75 -17.15	60.52 4.11 -23.77	63.57 4.16 -24.97	63.08 4.27 -23.48	73.03 5.23 -24.91	103.05 5.92 -50.17	108.18 6.21 -50.24	76.15 5.57 -21.31	68.01 5.52 -12.75	62.32 4.15 -17.93	54.95 4.28 -12.47	49.07 4.06 -9.72	47.27 3.44 -10.73
STURGEON_POOL_HYD 23609	33.52 1.57 0.00	30.48 1.48 0.00	28.26 1.37 0.00	27.09 1.29 0.00	26.68 1.20 0.00	27.02 1.19 0.00	27.07 1.22 0.00	25.98 1.19 -4.26	26.92 1.52 0.00	31.05 1.81 0.00	33.52 1.90 -0.95	34.36 1.84 -1.79	37.73 2.25 -2.84	39.78 2.31 -3.05	37.73 2.40 0.00	45.85 2.96 0.00	50.35 3.38 0.00	58.26 3.36 -3.16	55.54 2.81 -3.46	52.57 2.83 0.00	42.13 1.69 -0.20	40.11 1.91 0.00	37.09 1.80 0.00	34.59 1.49 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	33.46 1.50 0.00	30.39 1.39 0.00	28.18 1.29 0.00	26.99 1.19 0.00	26.61 1.12 0.00	26.94 1.11 0.00	27.05 1.19 0.00	25.54 1.23 -3.78	26.95 1.55 0.00	31.02 1.78 0.00	33.38 1.96 -0.75	34.04 1.90 -1.42	37.41 2.25 -2.52	39.44 2.31 -2.70	37.73 2.40 0.00	45.85 2.96 0.00	50.31 3.33 0.00	57.75 3.52 -2.50	54.96 2.96 -2.74	52.62 2.88 0.00	42.29 1.89 -0.16	40.15 1.95 0.00	37.13 1.84 0.00	34.55 1.46 0.00
SWANROAD_115KV_TB1 355699	31.99 0.03 0.00	28.97 -0.03 0.00	26.83 -0.05 0.00	25.03 -0.77 0.00	24.34 -1.15 0.00	25.67 -0.15 0.00	25.50 -0.36 0.00	20.65 -0.47 -0.59	24.89 -0.51 0.00	28.59 -0.64 0.00	30.35 -0.43 -0.12	30.73 -0.22 -0.22	32.51 -0.52 -0.40	34.37 -0.48 -0.42	34.94 -0.39 0.00	42.63 -0.26 0.00	46.59 -0.38 0.00	52.23 0.10 -0.39	49.06 -0.64 -0.43	49.44 -0.30 0.00	40.87 0.60 -0.02	38.35 0.15 0.00	35.19 -0.11 0.00	33.03 -0.07 0.00
SYNERGY___BIOGAS 323694	33.08 1.12 0.00	30.07 1.07 0.00	27.56 0.67 0.00	25.80 0.00 0.00	25.41 -0.08 0.00	26.55 0.72 0.00	26.30 0.44 0.00	21.37 0.29 -0.55	25.86 0.46 0.00	29.82 0.58 0.00	31.69 0.92 -0.11	32.06 1.14 -0.20	33.95 0.95 -0.37	35.92 1.10 -0.39	36.56 1.24 0.00	44.47 1.59 0.00	48.24 1.27 0.00	54.36 2.27 -0.35	51.53 1.87 -0.39	51.67 1.94 0.00	42.80 2.54 -0.02	40.19 1.99 0.00	36.71 1.41 0.00	34.46 1.36 0.00
SYRACUSE___ENERGY_ST1 323597	31.89 -0.06 0.00	28.88 -0.12 0.00	26.78 -0.11 0.00	25.60 -0.21 0.00	25.23 -0.25 0.00	25.73 -0.10 0.00	25.68 -0.18 0.00	20.87 -0.06 -0.40	25.35 -0.05 0.00	29.24 0.00 0.00	30.82 0.15 0.00	30.94 0.22 0.00	32.97 0.07 -0.26	34.78 0.07 -0.28	35.50 0.18 0.00	43.14 0.26 0.00	47.94 0.28 -0.69	54.03 0.72 -1.57	50.94 0.54 -1.12	51.54 0.60 -1.20	40.85 0.60 0.00	38.66 0.46 0.00	35.61 0.32 0.00	33.16 0.07 0.00
SYRACUSE___ENERGY_ST2 323598	31.89 -0.06 0.00	28.88 -0.12 0.00	26.78 -0.11 0.00	25.60 -0.21 0.00	25.23 -0.25 0.00	25.73 -0.10 0.00	25.68 -0.18 0.00	20.87 -0.06 -0.40	25.35 -0.05 0.00	29.24 0.00 0.00	30.82 0.15 0.00	30.94 0.22 0.00	32.97 0.07 -0.26	34.78 0.07 -0.28	35.50 0.18 0.00	43.14 0.26 0.00	47.94 0.28 -0.69	54.03 0.72 -1.57	50.94 0.54 -1.12	51.54 0.60 -1.20	40.85 0.60 0.00	38.66 0.46 0.00	35.61 0.32 0.00	33.16 0.07 0.00
SYRACUSE___POWER 24017	31.80 -0.16 0.00	28.80 -0.20 0.00	26.72 -0.16 0.00	25.55 -0.26 0.00	25.15 -0.33 0.00	25.67 -0.15 0.00	25.65 -0.21 0.00	20.87 -0.08 -0.41	25.35 -0.05 0.00	29.21 -0.03 0.00	30.80 0.06 -0.08	31.02 0.15 -0.14	32.92 0.00 -0.28	34.72 0.00 -0.30	35.40 0.07 0.00	43.02 0.13 0.00	47.61 0.19 -0.45	53.58 0.57 -1.28	50.63 0.34 -1.01	50.97 0.45 -0.79	40.70 0.44 -0.02	38.54 0.34 0.00	35.51 0.21 0.00	33.03 -0.07 0.00
TALLMAN___138KV_BK151 55660	33.65 1.69 0.00	30.57 1.57 0.00	28.34 1.45 0.00	27.15 1.34 0.00	26.76 1.27 0.00	27.07 1.24 0.00	27.23 1.37 0.00	25.88 1.44 -3.91	27.20 1.80 0.00	31.31 2.08 0.00	33.65 2.21 -0.78	34.34 2.15 -1.47	37.80 2.55 -2.61	39.88 2.65 -2.80	38.08 2.76 0.00	46.23 3.35 0.00	50.87 3.90 0.00	58.31 3.98 -2.59	55.41 3.30 -2.83	52.92 3.18 0.00	42.53 2.13 -0.16	40.38 2.18 0.00	37.34 2.05 0.00	34.72 1.62 0.00
TEALLAVE_115KV_TB7 355573	31.67 -0.29 0.00	28.68 -0.32 0.00	26.62 -0.27 0.00	25.44 -0.36 0.00	25.08 -0.41 0.00	25.60 -0.23 0.00	25.55 -0.31 0.00	20.74 -0.14 -0.35	25.25 -0.15 0.00	29.09 -0.15 0.00	30.60 -0.06 0.00	30.76 0.03 0.00	32.77 -0.10 -0.23	34.57 -0.10 -0.25	35.26 -0.07 0.00	42.84 -0.04 0.00	47.29 -0.05 -0.37	52.89 0.31 -0.84	49.97 0.10 -0.60	50.58 0.20 -0.65	40.48 0.24 0.00	38.35 0.15 0.00	35.33 0.04 0.00	32.90 -0.20 0.00
TELGRAPH_34_KV_EAST 80808	32.66 0.70 0.00	29.55 0.55 0.00	27.37 0.48 0.00	25.57 -0.23 0.00	24.98 -0.51 0.00	26.24 0.41 0.00	26.01 0.16 0.00	21.10 0.00 -0.56	25.50 0.10 0.00	29.32 0.09 0.00	31.24 0.46 -0.11	31.61 0.68 -0.21	33.44 0.42 -0.38	35.35 0.52 -0.40	35.96 0.64 0.00	43.87 0.99 0.00	47.82 0.85 0.00	53.71 1.60 -0.37	50.51 0.84 -0.40	50.93 1.19 0.00	42.04 1.77 -0.02	39.50 1.30 0.00	36.18 0.88 0.00	33.89 0.79 0.00
TEMPLE___115KV_TB 2 55572	31.70 -0.26 0.00	28.71 -0.29 0.00	26.64 -0.24 0.00	25.47 -0.34 0.00	25.10 -0.38 0.00	25.62 -0.21 0.00	25.57 -0.28 0.00	20.76 -0.12 -0.35	25.27 -0.13 0.00	29.12 -0.12 0.00	30.63 -0.03 0.00	30.79 0.06 0.00	32.78 -0.10 -0.23	34.58 -0.10 -0.25	35.29 -0.04 0.00	42.89 0.00 0.00	47.34 0.00 -0.37	52.94 0.36 -0.84	50.02 0.15 -0.60	50.63 0.25 -0.65	40.52 0.28 0.00	38.39 0.19 0.00	35.36 0.07 0.00	32.93 -0.17 0.00
TIANA___69_KV_BK 1 55817	41.99 3.58 -6.46	39.80 3.28 -7.52	37.77 3.25 -7.63	33.49 2.97 -4.72	31.04 2.91 -2.65	31.18 2.89 -2.46	32.01 3.08 -3.08	32.06 2.69 -8.83	35.19 3.56 -6.23	41.34 4.06 -8.04	49.40 4.35 -14.38	52.13 4.36 -17.04	60.96 4.83 -23.49	64.57 5.16 -24.98	64.03 5.23 -23.48	74.17 6.39 -24.89	101.29 7.05 -47.27	100.30 7.60 -40.96	72.17 6.80 -16.10	68.60 6.81 -12.05	61.17 4.83 -16.10	54.99 4.81 -11.98	49.43 4.41 -9.72	47.64 3.81 -10.73
TILDEN___115KV_TB1 80814	31.80 -0.16 0.00	28.80 -0.20 0.00	26.72 -0.16 0.00	25.55 -0.26 0.00	25.15 -0.33 0.00	25.67 -0.15 0.00	25.65 -0.21 0.00	20.87 -0.08 -0.41	25.35 -0.05 0.00	29.21 -0.03 0.00	30.80 0.06 -0.08	31.02 0.15 -0.14	32.92 0.00 -0.28	34.72 0.00 -0.30	35.40 0.07 0.00	43.02 0.13 0.00	47.61 0.19 -0.45	53.58 0.57 -1.28	50.63 0.34 -1.01	50.97 0.45 -0.79	40.70 0.44 -0.02	38.54 0.34 0.00	35.51 0.21 0.00	33.03 -0.07 0.00
TRIGEN___CC 323695	40.87 2.46 -6.46	38.81 2.29 -7.52	36.64 2.12 -7.63	32.48 1.96 -4.72	30.02 1.89 -2.65	30.17 1.89 -2.46	30.98 2.04 -3.08	31.32 1.95 -8.83	34.07 2.44 -6.23	40.09 2.81 -8.04	47.99 2.94 -14.38	49.85 2.89 -16.24	58.50 3.36 -22.49	62.82 3.44 -24.95	62.36 3.57 -23.47	72.05 4.33 -24.83	88.79 4.93 -36.89	64.49 5.12 -7.63	65.02 4.43 -11.32	61.12 4.38 -7.01	52.81 3.06 -9.51	49.57 3.06 -8.31	47.98 2.96 -9.72	46.34 2.52 -10.73

TRINITY__115KV__4 BK 55933	32.98 1.02 0.00	30.01 1.01 0.00	27.80 0.91 0.00	26.68 0.88 0.00	26.30 0.82 0.00	26.66 0.83 0.00	26.71 0.85 0.00	26.69 0.84 -5.31	26.49 1.09 0.00	30.43 1.20 0.00	33.78 1.29 -1.83	35.48 1.32 -3.44	37.52 1.34 -3.55	39.68 1.45 -3.80	36.74 1.41 0.00	44.64 1.76 0.00	48.94 1.97 0.00	60.03 2.22 -6.07	57.89 1.97 -6.65	51.68 1.94 0.00	42.11 1.49 -0.38	39.65 1.45 0.00	36.64 1.34 0.00	34.12 1.03 0.00
UNION__PROCESSING_DRP 323587	32.40 0.45 0.00	29.29 0.29 0.00	27.15 0.27 0.00	25.60 -0.21 0.00	25.15 -0.33 0.00	26.11 0.28 0.00	25.94 0.08 0.00	21.13 0.12 -0.48	25.55 0.15 0.00	29.47 0.23 0.00	31.21 0.46 -0.09	31.57 0.68 -0.17	33.65 0.69 -0.32	35.56 0.79 -0.34	36.11 0.78 0.00	43.96 1.07 0.00	48.00 1.03 0.00	53.74 1.71 -0.30	50.78 1.18 -0.33	51.13 1.39 0.00	41.87 1.61 -0.02	39.46 1.26 0.00	36.11 0.81 0.00	33.76 0.66 0.00
UPPER HUDSON__HYD 24058	34.10 2.14 0.00	30.88 1.88 0.00	28.58 1.69 0.00	27.43 1.63 0.00	27.04 1.55 0.00	27.30 1.47 0.00	27.38 1.53 0.00	27.43 1.38 -5.52	27.15 1.75 0.00	31.37 2.13 0.00	35.46 2.15 -2.65	37.90 2.18 -4.99	38.38 2.06 -3.68	40.41 2.03 -3.95	37.23 1.91 0.00	45.20 2.31 0.00	49.65 2.68 0.00	63.87 3.31 -8.82	62.37 3.45 -9.65	53.17 3.43 0.00	44.25 3.46 -0.55	41.29 3.09 0.00	38.08 2.79 0.00	35.35 2.25 0.00
UPPER RAQUET__HYD 24056	31.80 -0.16 0.00	28.83 -0.17 0.00	26.73 -0.16 0.00	25.78 -0.03 0.00	25.59 0.10 0.00	25.65 -0.18 0.00	25.34 -0.52 0.00	19.65 -0.88 0.00	24.31 -1.09 0.00	27.92 -1.32 0.00	29.16 -1.50 0.00	29.22 -1.50 0.00	31.07 -1.57 0.00	32.78 -1.65 0.00	33.63 -1.70 0.00	40.65 -2.23 0.00	44.47 -2.63 -0.13	49.08 -2.95 -0.30	47.07 -2.41 -0.21	47.53 -2.44 -0.23	38.39 -1.85 0.00	36.63 -1.57 0.00	34.31 -0.99 0.00	32.80 -0.30 0.00
VALLEY44_115KV_TB2 355964	32.37 0.42 0.00	29.38 0.38 0.00	27.15 0.27 0.00	25.52 -0.28 0.00	24.98 -0.51 0.00	26.19 0.36 0.00	26.09 0.23 0.00	20.94 -0.31 -0.72	25.75 0.36 0.00	29.59 0.35 0.00	31.46 0.64 -0.15	31.83 0.83 -0.28	32.73 -0.39 -0.48	34.53 -0.41 -0.51	36.03 0.71 0.00	43.92 1.03 0.00	48.10 1.13 0.00	54.19 1.97 -0.49	50.74 0.94 -0.53	50.88 1.14 0.00	41.88 1.61 -0.03	39.46 1.26 0.00	36.28 0.99 0.00	33.86 0.76 0.00
VALLEY__115KV_TB 1-4 80826	31.99 0.03 0.00	29.00 0.00 0.00	26.89 0.00 0.00	25.80 0.00 0.00	25.49 0.00 0.00	25.86 0.03 0.00	25.88 0.03 0.00	20.60 0.06 0.00	25.47 0.08 0.00	29.35 0.12 0.00	31.03 0.37 0.00	31.06 0.34 0.00	33.00 0.36 0.00	34.77 0.34 0.00	35.58 0.25 0.00	43.23 0.34 0.00	47.11 0.14 0.00	51.94 0.21 0.00	49.47 0.20 0.00	49.94 0.20 0.00	40.40 0.16 0.00	38.43 0.23 0.00	35.44 0.14 0.00	33.13 0.03 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	33.78 1.82 0.00	30.65 1.65 0.00	28.36 1.48 0.00	27.20 1.39 0.00	26.81 1.33 0.00	27.30 1.47 0.00	27.28 1.42 0.00	23.26 1.23 -1.50	27.02 1.63 0.00	31.19 1.96 0.00	33.37 2.12 -0.59	33.99 2.15 -1.11	35.92 2.28 -1.00	37.88 2.38 -1.07	37.73 2.40 0.00	45.89 3.00 0.00	50.71 3.62 -0.13	57.92 3.93 -2.25	55.22 3.60 -2.35	53.69 3.73 -0.22	43.38 3.02 -0.12	41.07 2.87 0.00	37.84 2.54 0.00	35.08 1.99 0.00
VISCHER__FERRY HYD 24020	33.52 1.57 0.00	30.48 1.48 0.00	28.28 1.40 0.00	27.14 1.34 0.00	26.76 1.27 0.00	27.07 1.24 0.00	27.18 1.32 0.00	27.11 1.19 -5.39	26.87 1.47 0.00	30.96 1.72 0.00	34.87 1.87 -2.33	36.99 1.87 -4.39	38.10 1.86 -3.60	40.28 2.00 -3.86	37.31 1.98 0.00	45.37 2.49 0.00	49.79 2.82 0.00	62.59 3.10 -7.75	60.67 2.91 -8.49	52.67 2.93 0.00	43.06 2.33 -0.48	40.42 2.21 0.00	37.27 1.98 0.00	34.75 1.65 0.00
V_A_10_SYNC_DSASP 323832	31.99 0.03 0.00	28.94 -0.06 0.00	26.83 -0.05 0.00	25.13 -0.67 0.00	24.69 -0.79 0.00	25.88 0.05 0.00	25.65 -0.21 0.00	20.94 -0.12 -0.53	25.17 -0.23 0.00	28.97 -0.26 0.00	30.71 -0.06 -0.10	31.04 0.12 -0.19	33.06 0.07 -0.36	34.95 0.14 -0.38	35.40 0.07 0.00	43.14 0.26 0.00	47.16 0.19 0.00	52.75 0.67 -0.34	49.65 0.00 -0.37	50.03 0.30 0.00	41.19 0.93 -0.02	38.74 0.53 0.00	35.51 0.21 0.00	33.26 0.17 0.00
V_CMM_10_SYNC_DSASP 323787	31.58 -0.38 0.00	28.68 -0.32 0.00	26.59 -0.30 0.00	25.62 -0.18 0.00	25.41 -0.08 0.00	25.62 -0.21 0.00	25.60 -0.26 0.00	20.08 -0.45 0.00	24.81 -0.58 0.00	28.48 -0.76 0.00	29.75 -0.92 0.00	29.77 -0.95 0.00	31.66 -0.98 0.00	33.43 -1.00 0.00	34.34 -0.99 0.00	41.60 -1.29 0.00	45.37 -1.60 0.00	49.87 -1.86 0.00	47.74 -1.53 0.00	48.14 -1.59 0.00	38.99 -1.25 0.00	37.06 -1.15 0.00	34.38 -0.92 0.00	32.60 -0.50 0.00
V_CMP_10_SYNC_DSASP 323788	32.37 0.41 0.00	29.35 0.35 0.00	27.18 0.30 0.00	26.22 0.41 0.00	25.99 0.51 0.00	26.24 0.41 0.00	26.19 0.34 0.00	20.58 0.04 0.00	25.45 0.05 0.00	29.24 0.00 0.00	30.39 -0.28 0.00	30.45 -0.28 0.00	32.38 -0.26 0.00	34.19 -0.24 0.00	35.19 -0.14 0.00	42.54 -0.34 0.00	46.36 -0.61 0.00	51.06 -0.67 0.00	48.98 -0.29 0.00	49.39 -0.35 0.00	40.04 -0.20 0.00	37.97 -0.23 0.00	35.19 -0.11 0.00	33.30 0.20 0.00
V_E_10_SYNC_DSASP 323830	34.54 2.59 0.00	31.29 2.29 0.00	28.90 2.02 0.00	27.58 1.78 0.00	27.17 1.68 0.00	27.74 1.91 0.00	27.67 1.81 0.00	23.12 1.46 -1.13	27.25 1.85 0.00	31.46 2.22 0.00	33.75 2.76 -0.32	34.10 2.77 -0.61	36.07 2.68 -0.76	38.06 2.82 -0.81	38.12 2.79 0.00	46.49 3.60 0.00	51.33 4.08 -0.28	58.72 5.28 -1.71	56.12 5.22 -1.63	55.84 5.62 -0.49	45.30 4.99 -0.07	42.74 4.54 0.00	39.14 3.85 0.00	36.01 2.91 0.00
V_F_30_NSUNC__DSASP 323816	34.10 2.14 0.00	30.97 1.97 0.00	28.69 1.80 0.00	27.53 1.73 0.00	27.12 1.63 0.00	27.41 1.58 0.00	27.49 1.63 0.00	27.47 1.44 -5.50	27.20 1.80 0.00	31.40 2.16 0.00	35.58 2.30 -2.62	37.98 2.33 -4.92	38.60 2.28 -3.67	40.78 2.41 -3.94	37.70 2.37 0.00	45.80 2.92 0.00	50.26 3.29 0.00	64.31 3.88 -8.69	62.48 3.70 -9.51	53.47 3.73 0.00	44.00 3.22 -0.54	41.22 3.02 0.00	38.01 2.72 0.00	35.35 2.25 0.00
V_F_30_SYNC_DSASP 323786	33.11 1.15 0.00	30.10 1.10 0.00	27.88 0.99 0.00	26.76 0.95 0.00	26.38 0.89 0.00	26.73 0.90 0.00	26.79 0.93 0.00	26.80 0.90 -5.36	26.57 1.17 0.00	30.55 1.32 0.00	34.13 1.44 -2.03	35.98 1.44 -3.81	37.69 1.47 -3.58	39.85 1.58 -3.84	36.92 1.59 0.00	44.82 1.93 0.00	49.13 2.16 0.00	60.95 2.48 -6.73	58.86 2.22 -7.37	51.92 2.19 0.00	42.35 1.69 -0.42	39.84 1.64 0.00	36.78 1.48 0.00	34.26 1.16 0.00
V_XM_10_SYNC_DSASP 323789	32.37 0.41 0.00	29.35 0.35 0.00	27.18 0.30 0.00	26.22 0.41 0.00	25.99 0.51 0.00	26.24 0.41 0.00	26.19 0.34 0.00	20.58 0.04 0.00	25.45 0.05 0.00	29.24 0.00 0.00	30.39 -0.28 0.00	30.45 -0.28 0.00	32.38 -0.26 0.00	34.19 -0.24 0.00	35.19 -0.14 0.00	42.54 -0.34 0.00	46.36 -0.61 0.00	51.06 -0.67 0.00	48.98 -0.29 0.00	49.39 -0.35 0.00	40.04 -0.20 0.00	37.97 -0.23 0.00	35.19 -0.11 0.00	33.30 0.20 0.00

W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	33.78 1.82 0.00	30.65 1.65 0.00	28.42 1.53 0.00	27.25 1.45 0.00	26.84 1.35 0.00	27.17 1.34 0.00	27.31 1.45 0.00	25.95 1.48 -3.94	27.28 1.88 0.00	31.40 2.16 0.00	33.75 2.30 -0.79	34.44 2.24 -1.48	37.92 2.64 -2.63	40.01 2.75 -2.82	38.19 2.86 0.00	46.36 3.47 0.00	51.01 4.04 0.00	58.48 4.14 -2.61	55.63 3.50 -2.86	53.12 3.38 0.00	42.66 2.25 -0.16	40.53 2.33 0.00	37.45 2.15 0.00	34.85 1.75 0.00
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	34.00 2.05 0.00	30.94 1.94 0.00	28.69 1.80 0.00	27.43 1.63 0.00	27.04 1.55 0.00	27.38 1.55 0.00	27.56 1.71 0.00	26.39 1.72 -4.13	27.58 2.18 0.00	31.78 2.54 0.00	34.19 2.70 -0.82	34.88 2.61 -1.55	38.56 3.17 -2.76	40.66 3.27 -2.96	38.72 3.39 0.00	47.05 4.16 0.00	51.71 4.74 0.00	59.28 4.81 -2.73	56.31 4.04 -2.99	53.67 3.93 0.00	43.03 2.62 -0.17	40.84 2.64 0.00	37.80 2.51 0.00	35.18 2.09 0.00
W50THST__13_KV_LOAD 356117	34.19 2.24 0.00	31.09 2.09 0.00	28.82 1.94 0.00	27.56 1.75 0.00	27.17 1.68 0.00	27.51 1.68 0.00	27.72 1.86 0.00	26.51 1.85 -4.13	27.76 2.36 0.00	31.98 2.75 0.00	34.43 2.94 -0.82	35.13 2.86 -1.55	38.83 3.43 -2.76	40.93 3.55 -2.96	39.00 3.67 0.00	47.43 4.55 0.00	52.14 5.17 0.00	59.69 5.23 -2.73	56.70 4.43 -2.99	54.01 4.28 0.00	43.27 2.86 -0.17	41.10 2.90 0.00	38.01 2.72 0.00	35.38 2.28 0.00
WADING RIVER_IC_1 23522	41.35 2.94 -6.46	39.19 2.67 -7.52	37.28 2.77 -7.63	33.10 2.58 -4.72	30.68 2.55 -2.65	30.72 2.43 -2.46	31.76 2.82 -3.08	31.69 2.32 -8.83	34.68 3.05 -6.23	40.73 3.45 -8.04	48.66 3.62 -14.38	51.42 3.65 -17.04	60.14 4.01 -23.49	63.68 4.27 -24.98	63.11 4.31 -23.48	73.05 5.27 -24.89	99.99 5.78 -47.25	98.82 6.21 -40.88	73.96 5.57 -19.12	67.44 5.67 -12.03	60.27 3.95 -16.08	54.18 4.01 -11.97	48.75 3.74 -9.72	46.94 3.11 -10.73
WADING RIVER_IC_2 23547	41.35 2.94 -6.46	39.19 2.67 -7.52	37.28 2.77 -7.63	33.10 2.58 -4.72	30.68 2.55 -2.65	30.72 2.43 -2.46	31.76 2.82 -3.08	31.69 2.32 -8.83	34.68 3.05 -6.23	40.73 3.45 -8.04	48.66 3.62 -14.38	51.42 3.65 -17.04	60.14 4.01 -23.49	63.68 4.27 -24.98	63.11 4.31 -23.48	73.05 5.27 -24.89	99.99 5.78 -47.25	98.82 6.21 -40.88	73.96 5.57 -19.12	67.44 5.67 -12.03	60.27 3.95 -16.08	54.18 4.01 -11.97	48.75 3.74 -9.72	46.94 3.11 -10.73
WADING RIVER_IC_3 23601	41.35 2.94 -6.46	39.19 2.67 -7.52	37.28 2.77 -7.63	33.10 2.58 -4.72	30.68 2.55 -2.65	30.72 2.43 -2.46	31.76 2.82 -3.08	31.69 2.32 -8.83	34.68 3.05 -6.23	40.73 3.45 -8.04	48.66 3.62 -14.38	51.42 3.65 -17.04	60.14 4.01 -23.49	63.68 4.27 -24.98	63.11 4.31 -23.48	73.05 5.27 -24.89	99.99 5.78 -47.25	98.82 6.21 -40.88	73.96 5.57 -19.12	67.44 5.67 -12.03	60.27 3.95 -16.08	54.18 4.01 -11.97	48.75 3.74 -9.72	46.94 3.11 -10.73
WALDENNY_I2_KV_BK2 80841	32.69 0.74 0.00	29.58 0.58 0.00	27.37 0.48 0.00	25.60 -0.21 0.00	25.05 -0.43 0.00	26.37 0.54 0.00	26.14 0.28 0.00	21.17 0.00 -0.64	25.68 0.28 0.00	29.53 0.29 0.00	31.44 0.64 -0.13	31.86 0.89 -0.24	33.39 0.33 -0.43	35.23 0.34 -0.46	36.11 0.78 0.00	44.04 1.16 0.00	48.10 1.13 0.00	54.13 1.97 -0.43	50.77 1.03 -0.47	51.08 1.34 0.00	42.16 1.89 -0.03	39.61 1.41 0.00	36.35 1.06 0.00	34.06 0.96 0.00
WALDEN___HYDRO 24148	33.84 1.89 0.00	30.68 1.68 0.00	28.44 1.56 0.00	27.30 1.50 0.00	26.89 1.40 0.00	27.17 1.34 0.00	27.28 1.42 0.00	25.86 1.35 -3.97	27.10 1.70 0.00	31.25 2.02 0.00	33.61 2.15 -0.80	34.32 2.09 -1.50	37.67 2.38 -2.65	39.75 2.48 -2.85	37.87 2.55 0.00	46.06 3.17 0.00	50.64 3.67 0.00	58.32 3.93 -2.65	55.67 3.50 -2.90	53.27 3.53 0.00	42.78 2.37 -0.16	40.61 2.41 0.00	37.55 2.26 0.00	34.92 1.82 0.00
WARRENSBURG____ 23737	34.10 2.14 0.00	30.88 1.88 0.00	28.58 1.69 0.00	27.43 1.63 0.00	27.04 1.55 0.00	27.30 1.47 0.00	27.38 1.53 0.00	27.43 1.38 -5.52	27.15 1.75 0.00	31.37 2.13 0.00	35.46 2.15 -2.65	37.90 2.18 -4.99	38.38 2.06 -3.68	40.41 2.03 -3.95	37.23 1.91 0.00	45.20 2.31 0.00	49.65 2.68 0.00	63.87 3.31 -8.82	62.37 3.45 -9.65	53.17 3.43 0.00	44.25 3.46 -0.55	41.29 3.09 0.00	38.08 2.79 0.00	35.35 2.25 0.00
WATERSIDE___6 8 9 23538	34.07 2.11 0.00	31.03 2.03 0.00	28.77 1.88 0.00	27.48 1.68 0.00	27.07 1.58 0.00	27.35 1.52 0.00	27.54 1.68 0.00	26.35 1.68 -4.13	27.53 2.13 0.00	31.75 2.51 0.00	34.16 2.67 -0.82	34.85 2.58 -1.55	38.53 3.13 -2.76	40.62 3.24 -2.96	38.68 3.36 0.00	46.92 4.03 0.00	51.57 4.60 0.00	59.12 4.66 -2.73	56.11 3.84 -2.99	53.42 3.68 0.00	42.83 2.41 -0.17	40.80 2.60 0.00	37.84 2.54 0.00	35.25 2.15 0.00
WATKINRD_115KV_LN8_ILLION 55919	31.99 0.03 0.00	29.03 0.03 0.00	26.91 0.03 0.00	25.83 0.03 0.00	25.49 0.00 0.00	25.88 0.05 0.00	25.88 0.03 0.00	20.60 0.06 0.00	25.50 0.10 0.00	29.35 0.12 0.00	30.91 0.25 0.00	30.97 0.25 0.00	32.90 0.26 0.00	34.70 0.28 0.00	35.54 0.21 0.00	43.19 0.30 0.00	47.21 0.23 0.00	51.99 0.26 0.00	49.52 0.25 0.00	49.98 0.25 0.00	40.44 0.20 0.00	38.43 0.23 0.00	35.47 0.18 0.00	33.16 0.07 0.00
WATSON___69_KV_BK 1 55734	41.99 3.58 -6.46	39.77 3.25 -7.52	37.60 3.09 -7.63	33.36 2.84 -4.72	30.89 2.75 -2.65	31.08 2.79 -2.46	31.88 2.95 -3.08	32.02 2.65 -8.83	35.03 3.40 -6.23	41.20 3.92 -8.04	49.25 4.20 -14.38	51.94 4.18 -17.04	60.20 4.57 -22.99	64.33 4.89 -25.01	63.67 4.88 -23.47	73.62 5.88 -24.86	95.74 6.58 -42.19	83.38 6.98 -24.66	69.39 6.26 -13.86	67.85 6.37 -11.75	57.75 4.63 -12.88	54.75 4.74 -11.82	49.39 4.38 -9.72	47.60 3.77 -10.73
WDELAWARE___HYD 323627	33.20 1.25 0.00	30.10 1.10 0.00	27.91 1.02 0.00	26.78 0.98 0.00	26.38 0.89 0.00	26.66 0.83 0.00	26.74 0.88 0.00	25.02 0.90 -3.58	26.54 1.14 0.00	30.64 1.40 0.00	32.71 1.29 -0.76	33.41 1.26 -1.42	36.57 1.53 -2.39	38.51 1.51 -2.57	35.89 0.56 0.00	43.66 0.77 0.00	48.57 1.60 0.00	55.90 1.66 -2.51	53.40 1.38 -2.75	51.03 1.29 0.00	41.97 1.57 -0.16	39.84 1.64 0.00	36.85 1.55 0.00	34.22 1.13 0.00
WEST BABYLON___IC 23714	41.77 3.36 -6.46	39.59 3.07 -7.52	37.39 2.88 -7.63	33.18 2.66 -4.72	30.71 2.57 -2.65	30.90 2.61 -2.46	31.70 2.77 -3.08	31.87 2.51 -8.83	34.80 3.17 -6.23	40.96 3.68 -8.04	49.00 3.96 -14.38	51.16 3.90 -16.54	59.53 4.28 -22.61	63.95 4.54 -24.98	63.35 4.56 -23.47	73.22 5.49 -24.84	91.44 6.15 -38.32	70.43 6.47 -12.23	67.03 5.76 -12.00	64.33 5.87 -8.73	54.93 4.27 -10.42	52.22 4.43 -9.59	49.11 4.09 -9.72	47.34 3.51 -10.73
WEST CANADA___HYD 24049	32.02 0.06 0.00	29.06 0.06 0.00	26.94 0.05 0.00	25.86 0.05 0.00	25.51 0.03 0.00	25.88 0.05 0.00	25.91 0.05 0.00	20.62 0.08 0.00	25.50 0.10 0.00	29.38 0.15 0.00	30.85 0.19 0.00	30.91 0.19 0.00	32.84 0.20 0.00	34.64 0.21 0.00	35.54 0.21 0.00	43.15 0.26 0.00	47.25 0.28 0.00	52.05 0.31 0.00	49.52 0.25 0.00	49.99 0.25 0.00	40.44 0.20 0.00	38.39 0.19 0.00	35.47 0.18 0.00	33.16 0.07 0.00

WESTERN_NY_WIND 24143	33.08 1.12 0.00	30.04 1.04 0.00	27.53 0.64 0.00	25.78 -0.03 0.00	25.38 -0.10 0.00	26.55 0.72 0.00	26.27 0.41 0.00	21.35 0.27 -0.55	25.80 0.41 0.00	29.79 0.55 0.00	31.66 0.89 -0.11	32.03 1.10 -0.20	33.89 0.88 -0.37	35.86 1.03 -0.40	36.49 1.16 0.00	44.43 1.54 0.00	48.19 1.22 0.00	54.32 2.22 -0.36	51.49 1.82 -0.39	51.63 1.89 0.00	42.76 2.50 -0.02	40.15 1.95 0.00	36.67 1.38 0.00	34.42 1.33 0.00
WESTOVER___LESR 323668	32.50 0.54 0.00	29.46 0.46 0.00	27.29 0.40 0.00	26.04 0.23 0.00	25.61 0.13 0.00	26.24 0.41 0.00	26.19 0.34 0.00	22.05 0.31 -1.21	25.91 0.51 0.00	29.85 0.61 0.00	31.73 0.80 -0.27	32.10 0.86 -0.51	34.07 0.62 -0.81	35.95 0.65 -0.87	36.21 0.88 0.00	44.04 1.16 0.00	48.59 1.36 -0.26	55.09 1.86 -1.49	52.11 1.43 -1.41	51.73 1.54 -0.45	41.71 1.41 -0.06	39.42 1.22 0.00	36.32 1.02 0.00	33.79 0.70 0.00
WETHRSFD_WT_PWR 323626	32.56 0.61 0.00	29.61 0.61 0.00	27.15 0.27 0.00	25.60 -0.21 0.00	25.10 -0.38 0.00	26.22 0.39 0.00	26.09 0.23 0.00	21.29 0.04 -0.72	25.47 0.08 0.00	29.59 0.35 0.00	31.39 0.58 -0.15	31.77 0.77 -0.28	33.35 0.23 -0.48	35.22 0.27 -0.51	35.89 0.56 0.00	43.74 0.86 0.00	47.25 0.28 0.00	53.67 1.45 -0.49	50.79 0.99 -0.53	50.78 1.05 0.00	41.96 1.69 -0.03	39.46 1.26 0.00	36.25 0.95 0.00	33.99 0.89 0.00
WHAVSTOR_138KV_BK127 55557	33.62 1.66 0.00	30.51 1.51 0.00	28.28 1.40 0.00	27.15 1.34 0.00	26.73 1.25 0.00	27.04 1.21 0.00	27.20 1.34 0.00	25.90 1.42 -3.95	27.18 1.78 0.00	31.25 2.02 0.00	33.60 2.15 -0.79	34.29 2.09 -1.48	37.76 2.48 -2.64	39.84 2.58 -2.83	38.01 2.68 0.00	46.15 3.26 0.00	50.78 3.80 0.00	58.23 3.88 -2.61	55.38 3.25 -2.86	52.87 3.13 0.00	42.46 2.05 -0.16	40.30 2.10 0.00	37.27 1.98 0.00	34.69 1.59 0.00
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	33.62 1.66 0.00	30.51 1.51 0.00	28.28 1.40 0.00	27.15 1.34 0.00	26.73 1.25 0.00	27.04 1.21 0.00	27.20 1.34 0.00	25.90 1.42 -3.95	27.18 1.78 0.00	31.25 2.02 0.00	33.60 2.15 -0.79	34.29 2.09 -1.48	37.76 2.48 -2.64	39.84 2.58 -2.83	38.01 2.68 0.00	46.15 3.26 0.00	50.78 3.80 0.00	58.23 3.88 -2.61	55.38 3.25 -2.86	52.87 3.13 0.00	42.46 2.05 -0.16	40.30 2.10 0.00	37.27 1.98 0.00	34.69 1.59 0.00
WHITEHAL_115KV_TB1 80871	35.12 3.16 0.00	31.78 2.78 0.00	29.31 2.42 0.00	28.13 2.32 0.00	27.70 2.22 0.00	28.03 2.20 0.00	28.00 2.15 0.00	27.95 1.91 -5.51	27.86 2.46 0.00	32.19 2.95 0.00	36.40 3.10 -2.64	38.85 3.16 -4.96	39.32 3.00 -3.68	41.47 3.10 -3.95	38.30 2.97 0.00	46.45 3.56 0.00	51.10 4.13 0.00	65.83 5.33 -8.76	64.14 5.27 -9.59	54.96 5.22 0.00	45.86 5.07 -0.54	42.71 4.51 0.00	39.32 4.02 0.00	36.41 3.31 0.00
WHITEPLN_13_KV_LOAD 356215	34.10 2.14 0.00	31.00 2.00 0.00	28.74 1.86 0.00	27.51 1.70 0.00	27.14 1.66 0.00	27.46 1.63 0.00	27.62 1.76 0.00	26.40 1.75 -4.12	27.61 2.21 0.00	31.84 2.60 0.00	34.49 3.01 -0.82	35.16 2.89 -1.54	39.01 3.62 -2.75	41.17 3.79 -2.95	39.21 3.89 0.00	47.73 4.85 0.00	52.00 5.03 0.00	59.53 5.07 -2.73	56.64 4.39 -2.98	54.01 4.28 0.00	43.27 2.86 -0.17	41.03 2.83 0.00	37.91 2.61 0.00	35.22 2.12 0.00
WM_FLOYD_69_KV_BK2 356380	41.55 3.13 -6.46	39.39 2.87 -7.52	37.36 2.85 -7.63	33.13 2.61 -4.72	30.66 2.52 -2.65	30.85 2.56 -2.46	31.68 2.74 -3.08	31.79 2.42 -8.83	34.78 3.15 -6.23	40.82 3.54 -8.04	48.85 3.80 -14.38	51.56 3.78 -17.06	60.32 4.18 -23.50	63.88 4.48 -24.98	63.26 4.45 -23.48	73.22 5.45 -24.89	100.50 6.11 -47.42	99.69 6.52 -41.44	71.41 5.81 -16.33	67.67 5.82 -12.12	60.54 4.10 -16.19	54.39 4.16 -12.03	48.90 3.88 -9.72	47.14 3.31 -10.73
WOODARD___115KV_TB2 355635	31.64 -0.32 0.00	28.65 -0.35 0.00	26.59 -0.30 0.00	25.42 -0.39 0.00	25.05 -0.43 0.00	25.55 -0.28 0.00	25.50 -0.36 0.00	20.70 -0.18 -0.35	25.19 -0.20 0.00	29.03 -0.20 0.00	30.57 -0.09 0.00	30.69 -0.03 0.00	32.71 -0.16 -0.23	34.51 -0.17 -0.25	35.19 -0.14 0.00	42.76 -0.13 0.00	47.29 -0.14 -0.46	52.99 0.21 -1.05	50.07 0.05 -0.75	50.64 0.10 -0.81	40.40 0.16 0.00	38.28 0.08 0.00	35.26 -0.04 0.00	32.87 -0.23 0.00
YORK___WARBASSE 23770	34.23 2.27 0.00	31.24 2.23 -0.01	28.93 2.04 0.00	27.61 1.81 0.00	27.19 1.71 0.00	27.41 1.58 0.00	27.56 1.71 0.00	26.37 1.70 -4.13	27.56 2.16 0.00	31.84 2.60 0.00	34.28 2.79 -0.82	34.95 2.67 -1.55	38.70 3.30 -2.76	40.80 3.41 -2.96	38.90 3.57 0.00	47.13 4.25 0.00	51.86 4.88 0.00	59.43 4.97 -2.73	56.40 4.14 -2.99	53.72 3.98 0.00	42.99 2.58 -0.17	40.95 2.75 0.00	38.12 2.82 0.00	35.48 2.38 0.00