

Day Ahead Market Generator LBMP

--- LBMP \$			--- Marginal Cost of Losses																						--- Marginal Cost of Congestion			01/04/2024		
Generator Data																														
Name	00:00	01:00	02:00	03:00	04:00	05:00	06:00	07:00	08:00	09:00	10:00	11:00	12:00	13:00	14:00	15:00	16:00	17:00	18:00	19:00	20:00	21:00	22:00	23:00						
PTID	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST						
59TH STREET_GT_1	29.95	28.13	27.16	26.65	26.91	29.02	35.88	43.16	41.10	37.96	38.60	37.52	36.63	36.59	37.68	39.08	45.26	55.89	51.13	47.65	43.36	42.24	39.30	37.92						
24138	1.75	1.57	1.51	1.56	1.57	1.72	2.19	3.05	2.98	2.71	2.76	2.65	2.59	2.62	2.69	2.73	3.54	4.80	4.35	3.69	2.87	2.72	2.33	1.98						
	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	-0.01	0.00	-0.01	-0.01	-0.01	0.00	0.00	0.00	0.00	0.00						
74TH STREET_GT_1	30.01	28.19	27.21	26.70	26.93	29.04	35.91	43.20	41.10	37.99	38.60	37.52	36.63	36.59	37.69	39.07	45.23	55.89	51.14	47.69	43.40	42.24	39.48	38.14						
24260	1.80	1.62	1.56	1.61	1.60	1.75	2.22	3.09	2.97	2.75	2.76	2.65	2.59	2.62	2.69	2.73	3.50	4.80	4.35	3.74	2.91	2.73	2.51	2.19						
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.02	0.00	-0.02	-0.01	-0.01	0.00	0.00	0.00	0.00	0.00						
74TH STREET_GT_2	30.01	28.19	27.21	26.70	26.93	29.04	35.91	43.20	41.10	37.99	38.60	37.52	36.63	36.59	37.69	39.07	45.23	55.89	51.14	47.69	43.40	42.24	39.48	38.14						
24261	1.80	1.62	1.56	1.61	1.60	1.75	2.22	3.09	2.97	2.75	2.76	2.65	2.59	2.62	2.69	2.73	3.50	4.80	4.35	3.74	2.91	2.73	2.51	2.19						
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.02	0.00	-0.02	-0.01	-0.01	0.00	0.00	0.00	0.00	0.00						
ADK HUDSON___FALLS	29.92	28.21	27.27	26.68	26.91	29.04	36.15	42.92	40.87	37.68	38.24	37.31	36.19	36.08	37.25	38.78	44.75	55.32	50.98	47.65	43.88	42.80	39.81	38.71						
24011	1.72	1.65	1.62	1.58	1.57	1.75	2.46	2.81	2.74	2.43	2.40	2.44	2.14	2.11	2.27	2.44	3.04	4.24	4.21	3.69	3.40	3.28	2.85	2.77						
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00						
ADK RESOURCE___RCVRY	30.06	28.35	27.39	26.80	27.03	29.18	36.35	43.12	41.10	37.89	38.45	37.52	36.39	36.25	37.43	39.00	45.04	55.73	51.36	47.95	44.25	43.15	40.07	38.93						
23798	1.86	1.78	1.75	1.71	1.70	1.88	2.66	3.01	2.98	2.64	2.61	2.65	2.35	2.28	2.45	2.65	3.34	4.65	4.59	4.00	3.77	3.63	3.11	2.98						
	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						
ADK S GLENS___FALLS	29.92	28.21	27.27	26.68	26.91	29.04	36.15	42.92	40.87	37.68	38.24	37.31	36.19	36.08	37.25	38.78	44.75	55.32	50.98	47.65	43.88	42.80	39.81	38.71						
24028	1.72	1.65	1.62	1.58	1.57	1.75	2.46	2.81	2.74	2.43	2.40	2.44	2.14	2.11	2.27	2.44	3.04	4.24	4.21	3.69	3.40	3.28	2.85	2.77						
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00						
ADK_NYS___DAM	29.75	28.00	27.06	26.47	26.73	28.82	35.57	42.44	40.34	37.22	37.88	36.89	35.98	35.88	36.94	38.35	44.17	54.40	49.91	46.68	42.87	41.81	38.93	37.92						
23527	1.55	1.43	1.41	1.38	1.39	1.53	1.89	2.33	2.21	1.97	2.04	2.02	1.94	1.90	1.96	2.00	2.46	3.32	3.13	2.73	2.39	2.29	1.96	1.98						
	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						
AIR_PRODUCTS___DRP	28.57	26.94	26.09	25.55	25.79	27.70	34.19	40.67	38.70	35.74	36.38	35.43	34.52	34.45	35.47	36.82	42.37	52.10	47.80	44.74	41.17	40.15	37.45	36.52						
24190	0.37	0.37	0.44	0.45	0.46	0.41	0.51	0.56	0.57	0.49	0.54	0.56	0.48	0.48	0.49	0.47	0.67	1.02	1.03	0.79	0.69	0.63	0.48	0.58						
	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						
AKWESSNE_115KV_BK	28.29	26.67	25.73	25.17	25.41	27.32	33.72	39.99	38.05	35.28	35.84	34.84	34.04	33.94	34.94	36.38	41.46	50.21	46.02	43.51	40.36	39.40	37.04	35.94						
355683	0.08	0.11	0.08	0.08	0.08	0.03	0.03	-0.12	-0.08	0.04	0.00	-0.03	0.00	-0.03	-0.03	0.04	-0.25	-0.87	-0.75	-0.44	-0.12	-0.12	0.07	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	0.00						
ALBANY_1_SOLAR	29.25	27.55	26.65	26.07	26.30	28.28	34.97	41.39	39.42	36.37	36.95	35.99	35.06	34.99	36.06	37.48	43.16	53.12	48.78	45.67	42.11	41.10	38.34	37.42						
323833	1.04	0.98	1.00	0.98	0.96	0.98	1.28	1.28	1.30	1.13	1.11	1.12	1.02	1.02	1.09	1.13	1.46	2.05	2.01	1.71	1.62	1.58	1.37	1.47						
	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_2_SOLAR	29.22	27.55	26.65	26.07	26.30	28.28	34.94	41.39	39.42	36.37	36.95	35.99	35.06	34.99	36.06	37.48	43.16	53.12	48.78	45.62	42.06	41.10	38.34	37.42						
323834	1.01	0.98	1.00	0.98	0.96	0.98	1.25	1.28	1.30	1.13	1.11	1.12	1.02	1.02	1.09	1.13	1.46	2.05	2.01	1.67	1.58	1.58	1.37	1.47						
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00						
ALBANY___1	28.57	26.94	26.09	25.55	25.79	27.70	34.19	40.67	38.70	35.74	36.38	35.43	34.52	34.45	35.47	36.82	42.37	52.10	47.80	44.74	41.17	40.15	37.45	36.52						
23571	0.37	0.37	0.44	0.45	0.46	0.41	0.51	0.56	0.57	0.49	0.54	0.56	0.48	0.48	0.49	0.47	0.67	1.02	1.03	0.79	0.69	0.63	0.48	0.58						
	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___2 23572	28.57 0.37 0.00	26.94 0.37 0.00	26.09 0.44 0.00	25.55 0.45 0.00	25.79 0.46 0.00	27.70 0.41 0.00	34.19 0.51 0.00	40.67 0.56 0.00	38.70 0.57 0.00	35.74 0.49 0.00	36.38 0.54 0.00	35.43 0.56 0.00	34.52 0.48 0.00	34.45 0.48 0.00	35.47 0.49 0.00	36.82 0.47 0.00	42.37 0.67 0.00	52.10 1.02 0.00	47.80 1.03 0.00	44.74 0.79 0.00	41.17 0.69 0.00	40.15 0.63 0.00	37.45 0.48 0.00	36.52 0.58 0.00
ALBANY___3 23573	28.57 0.37 0.00	26.94 0.37 0.00	26.09 0.44 0.00	25.55 0.45 0.00	25.79 0.46 0.00	27.70 0.41 0.00	34.19 0.51 0.00	40.67 0.56 0.00	38.70 0.57 0.00	35.74 0.49 0.00	36.38 0.54 0.00	35.43 0.56 0.00	34.52 0.48 0.00	34.45 0.48 0.00	35.47 0.49 0.00	36.82 0.47 0.00	42.37 0.67 0.00	52.10 1.02 0.00	47.80 1.03 0.00	44.74 0.79 0.00	41.17 0.69 0.00	40.15 0.63 0.00	37.45 0.48 0.00	36.52 0.58 0.00
ALBANY___4 23574	28.57 0.37 0.00	26.94 0.37 0.00	26.09 0.44 0.00	25.55 0.45 0.00	25.79 0.46 0.00	27.70 0.41 0.00	34.19 0.51 0.00	40.67 0.56 0.00	38.70 0.57 0.00	35.74 0.49 0.00	36.38 0.54 0.00	35.43 0.56 0.00	34.52 0.48 0.00	34.45 0.48 0.00	35.47 0.49 0.00	36.82 0.47 0.00	42.37 0.67 0.00	52.10 1.02 0.00	47.80 1.03 0.00	44.74 0.79 0.00	41.17 0.69 0.00	40.15 0.63 0.00	37.45 0.48 0.00	36.52 0.58 0.00
ALBANY___LFGE 323615	28.85 0.65 0.00	27.20 0.64 0.00	26.34 0.69 0.00	25.80 0.70 0.00	26.02 0.68 0.00	27.98 0.68 0.00	34.56 0.87 0.00	41.07 0.96 0.00	39.11 0.99 0.00	36.13 0.88 0.00	36.77 0.93 0.00	35.81 0.94 0.00	34.89 0.85 0.00	34.82 0.85 0.00	35.85 0.87 0.00	37.26 0.91 0.00	42.87 1.17 0.00	52.71 1.63 0.00	48.41 1.64 0.00	45.27 1.32 0.00	41.66 1.17 0.00	40.66 1.15 0.00	37.85 0.89 0.00	36.88 0.93 0.00
ALCOA_PA_115KV_PL-6C 55860	28.46 0.25 0.00	26.81 0.24 0.00	25.85 0.21 0.00	25.30 0.20 0.00	25.56 0.23 0.00	27.46 0.16 0.00	33.89 0.20 0.00	40.11 0.00 0.00	38.24 0.11 0.00	35.49 0.25 0.00	36.05 0.22 0.00	35.05 0.17 0.00	34.21 0.17 0.00	34.14 0.17 0.00	35.15 0.17 0.00	36.60 0.25 0.00	41.58 -0.13 0.00	50.36 -0.72 0.00	46.21 -0.56 0.00	43.65 -0.31 0.00	40.48 0.00 0.00	39.55 0.04 0.00	37.26 0.30 0.00	36.16 0.22 0.00
ALCOA_RYNLDS___DRP 24188	28.46 0.25 0.00	26.81 0.24 0.00	25.85 0.21 0.00	25.30 0.20 0.00	25.56 0.23 0.00	27.46 0.16 0.00	33.89 0.20 0.00	40.11 0.00 0.00	38.24 0.11 0.00	35.49 0.25 0.00	36.05 0.22 0.00	35.05 0.17 0.00	34.21 0.17 0.00	34.14 0.17 0.00	35.15 0.17 0.00	36.60 0.25 0.00	41.58 -0.13 0.00	50.36 -0.72 0.00	46.21 -0.56 0.00	43.65 -0.31 0.00	40.48 0.00 0.00	39.55 0.04 0.00	37.26 0.30 0.00	36.16 0.22 0.00
ALCOA___DSASP 323711	28.45 0.25 0.00	26.80 0.24 0.00	25.85 0.20 0.00	25.29 0.20 0.00	25.56 0.23 0.00	27.46 0.16 0.00	33.89 0.20 0.00	40.11 0.00 0.00	38.24 0.11 0.00	35.49 0.25 0.00	36.06 0.22 0.00	35.05 0.18 0.00	34.21 0.17 0.00	34.15 0.17 0.00	35.15 0.18 0.00	36.60 0.26 0.00	41.58 -0.12 0.00	50.36 -0.72 0.00	46.21 -0.56 0.00	43.69 -0.26 0.00	40.48 0.00 0.00	39.55 0.04 0.00	37.26 0.29 0.00	36.16 0.22 0.00
ALLEGHENY___COGEN 23514	28.48 0.28 0.00	26.67 0.11 0.00	25.70 0.05 0.00	24.84 -0.25 0.00	25.11 -0.23 0.00	27.29 0.00 0.00	33.82 0.14 0.00	40.39 0.28 0.00	38.09 -0.04 0.00	35.07 -0.18 0.00	35.48 -0.36 0.00	34.56 -0.31 0.00	33.74 -0.31 0.00	33.70 -0.27 0.00	34.70 -0.28 0.00	36.17 -0.18 0.00	40.62 -1.08 0.00	50.98 -0.10 0.00	46.35 -0.42 0.00	43.47 -0.48 0.00	39.55 -0.93 0.00	38.41 -1.11 0.00	37.63 0.67 0.00	36.84 0.90 0.00
ALTAMONT_115KV_TB 2 55880	28.93 0.73 0.00	27.26 0.69 0.00	26.34 0.69 0.00	25.77 0.68 0.00	26.02 0.68 0.00	28.00 0.71 0.00	34.60 0.91 0.00	41.19 1.08 0.00	39.19 1.07 0.00	36.20 0.95 0.00	36.81 0.97 0.00	35.81 0.94 0.00	34.93 0.89 0.00	34.86 0.88 0.00	35.89 0.91 0.00	37.29 0.95 0.00	42.92 1.21 0.00	52.76 1.69 0.00	48.41 1.64 0.00	45.32 1.36 0.00	41.66 1.17 0.00	40.62 1.11 0.00	37.93 0.96 0.00	36.95 1.01 0.00
ALTONA_WT_PWR 323606	29.25 1.04 0.00	27.60 1.04 0.00	26.55 0.90 0.00	25.97 0.88 0.00	26.25 0.91 0.00	27.84 0.55 0.00	34.30 0.61 0.00	40.07 -0.04 0.00	37.86 -0.27 0.00	35.56 0.32 0.00	35.91 0.07 0.00	34.77 -0.10 0.00	33.94 -0.10 0.00	33.81 -0.17 0.00	34.77 -0.21 0.00	36.28 -0.07 0.00	40.75 -0.96 0.00	49.44 -1.64 0.00	45.51 -1.26 0.00	43.07 -0.88 0.00	40.04 -0.44 0.00	39.20 -0.32 0.00	37.41 0.45 0.00	36.30 0.36 0.00
AMERICAN_REF_FUEL 24010	25.94 -2.26 0.00	24.28 -2.28 0.00	23.47 -2.18 0.00	22.76 -2.33 0.00	23.03 -2.31 0.00	25.03 -2.27 0.00	30.39 -3.30 0.00	35.54 -4.57 0.00	33.51 -4.61 0.00	31.19 -4.05 0.00	31.57 -4.27 0.00	30.86 -4.01 0.00	30.20 -3.85 0.00	30.20 -3.77 0.00	30.99 -3.99 0.00	32.06 -4.29 0.00	36.78 -4.92 0.00	45.97 -5.11 0.00	41.63 -5.14 0.00	38.94 -5.01 0.00	35.54 -4.94 0.00	34.81 -4.70 0.00	33.31 -3.66 0.00	33.07 -2.88 0.00
ARKWRIGHT___SUMMIT_WT_PWR 323751	27.52 -0.68 0.00	25.74 -0.82 0.00	24.83 -0.82 0.00	24.06 -1.03 0.00	24.32 -1.01 0.00	26.42 -0.87 0.00	32.24 -1.45 0.00	37.98 -2.13 0.00	35.65 -2.48 0.00	33.09 -2.15 0.00	33.76 -2.08 0.00	33.13 -1.74 0.00	32.44 -1.60 0.00	32.51 -1.46 0.00	33.33 -1.64 0.00	34.50 -1.85 0.00	39.70 -2.00 0.00	49.85 -1.23 0.00	45.13 -1.64 0.00	42.06 -1.89 0.00	38.38 -2.11 0.00	37.54 -1.97 0.00	35.71 -1.26 0.00	35.30 -0.65 0.00
ARTHUR KILL_GT_1 23520	29.99 1.78 -0.01	28.14 1.57 -0.01	27.17 1.51 -0.01	26.63 1.53 -0.01	26.89 1.55 -0.01	28.90 1.61 0.00	35.74 2.06 0.00	42.84 2.73 0.00	40.83 2.71 0.00	37.74 2.50 0.00	38.31 2.47 0.00	37.24 2.37 0.00	36.38 2.35 0.00	36.35 2.38 0.00	37.43 2.45 -0.01	61.96 2.51 -23.11	44.98 3.26 -0.02	100.32 4.70 -44.55	123.31 4.30 -72.24	62.96 3.65 -15.36	101.59 2.83 -58.28	55.82 2.77 -13.54	58.50 2.40 -19.13	37.96 2.01 -0.01
ARTHUR_KILL_2 23512	29.90 1.69 -0.01	28.06 1.49 -0.01	27.09 1.44 -0.01	26.58 1.48 -0.01	26.84 1.49 -0.01	28.85 1.56 0.00	35.64 1.95 0.00	42.72 2.61 0.00	40.72 2.59 0.00	37.64 2.40 0.00	38.20 2.36 0.00	37.13 2.27 0.00	36.28 2.25 0.00	36.25 2.28 0.00	37.33 2.34 -0.01	61.86 2.40 -23.11	44.85 3.13 -0.02	100.12 4.50 -44.55	123.17 4.16 -72.24	62.83 3.52 -15.36	101.43 2.67 -58.28	55.66 2.61 -13.54	58.35 2.26 -19.13	37.86 1.90 -0.01
ARTHUR_KILL_3 23513	29.72 1.52 0.00	27.95 1.38 0.00	26.98 1.33 0.00	26.45 1.35 0.00	26.70 1.37 0.00	28.80 1.50 0.00	35.57 1.89 0.00	42.80 2.69 0.00	40.72 2.59 0.00	37.61 2.36 0.00	38.24 2.40 0.00	37.17 2.30 0.00	36.33 2.28 0.00	36.25 2.28 0.00	37.34 2.34 -0.02	61.87 2.40 -23.12	44.81 3.09 -0.02	99.82 4.19 -44.56	122.90 3.88 -72.25	62.57 3.25 -15.36	101.28 2.51 -58.28	50.61 2.37 -8.72	58.10 1.99 -19.14	37.60 1.65 0.00

ARTHUR_KILL_COGEN 323718	29.99 1.78 -0.01	28.14 1.57 -0.01	27.17 1.51 -0.01	26.63 1.53 -0.01	26.89 1.55 -0.01	28.90 1.61 0.00	35.74 2.06 0.00	42.84 2.73 0.00	40.83 2.71 0.00	37.74 2.50 0.00	38.31 2.47 0.00	37.24 2.37 0.00	36.38 2.35 0.00	36.35 2.38 0.00	37.43 2.45 -0.01	61.96 2.51 -23.11	44.98 3.26 -0.02	100.32 4.70 -44.55	123.31 4.30 -72.24	62.96 3.65 -15.36	101.59 2.83 -58.28	55.82 2.77 -13.54	58.50 2.40 -19.13	37.96 2.01 -0.01
ASHOKAN____ 23654	29.72 1.52 0.00	27.95 1.38 0.00	26.98 1.33 0.00	26.40 1.30 0.00	26.65 1.32 0.00	28.63 1.34 0.00	35.68 1.99 0.00	41.63 1.52 0.00	39.69 1.56 0.00	36.41 1.16 0.00	36.70 0.86 0.00	35.67 0.80 0.00	34.76 0.72 0.00	34.72 0.75 0.00	35.92 0.94 0.00	37.55 1.20 0.00	43.50 1.79 0.00	53.73 2.65 0.00	49.48 2.71 0.00	46.15 2.20 0.00	42.47 1.98 0.00	41.61 2.09 0.00	38.74 1.77 0.00	37.99 2.05 0.00
ASTORIA_EAST_ENERGY_CC1 323581	30.04 1.83 -0.01	28.28 1.70 -0.01	27.30 1.64 -0.01	26.76 1.66 -0.01	27.02 1.67 -0.01	29.15 1.86 0.00	35.91 2.22 0.00	42.80 2.69 0.00	40.71 2.59 0.01	37.67 2.43 0.01	38.27 2.44 0.01	37.24 2.37 0.01	36.35 2.32 0.01	36.31 2.34 0.01	37.40 2.41 -0.01	38.81 2.47 0.01	44.88 3.17 -0.01	55.49 4.39 -0.01	50.81 4.02 -0.01	47.34 3.38 0.00	43.03 2.55 0.01	42.16 2.65 0.00	39.41 2.44 -0.01	38.04 2.08 -0.01
ASTORIA_EAST_ENERGY_CC2 323582	30.04 1.83 -0.01	28.28 1.70 -0.01	27.30 1.64 -0.01	26.76 1.66 -0.01	27.02 1.67 -0.01	29.15 1.86 0.00	35.91 2.22 0.00	42.80 2.69 0.00	40.71 2.59 0.01	37.67 2.43 0.01	38.27 2.44 0.01	37.24 2.37 0.01	36.35 2.32 0.01	36.31 2.34 0.01	37.40 2.41 -0.01	38.81 2.47 0.01	44.88 3.17 -0.01	55.49 4.39 -0.01	50.81 4.02 -0.01	47.34 3.38 0.00	43.03 2.55 0.01	42.16 2.65 0.00	39.41 2.44 -0.01	38.04 2.08 -0.01
ASTORIA_GT2_1 24094	30.04 1.83 -0.01	28.27 1.70 -0.01	27.32 1.67 -0.01	26.78 1.68 -0.01	27.02 1.67 -0.01	29.18 1.88 0.00	35.91 2.22 0.00	42.84 2.73 0.00	40.76 2.63 0.00	37.71 2.47 0.00	38.31 2.47 0.00	37.24 2.37 0.00	36.36 2.31 0.00	36.32 2.34 0.00	37.44 2.45 -0.02	38.82 2.47 0.00	44.93 3.21 -0.02	55.49 4.39 -0.01	50.76 3.98 0.00	47.34 3.38 0.00	43.03 2.55 0.00	42.04 2.53 0.00	39.53 2.55 -0.01	38.22 2.26 -0.01
ASTORIA_GT2_2 24095	30.04 1.83 -0.01	28.27 1.70 -0.01	27.32 1.67 -0.01	26.78 1.68 -0.01	27.02 1.67 -0.01	29.18 1.88 0.00	35.91 2.22 0.00	42.84 2.73 0.00	40.76 2.63 0.00	37.71 2.47 0.00	38.31 2.47 0.00	37.24 2.37 0.00	36.36 2.31 0.00	36.32 2.34 0.00	37.44 2.45 -0.02	38.82 2.47 0.00	44.93 3.21 -0.02	55.49 4.39 -0.01	50.76 3.98 0.00	47.34 3.38 0.00	43.03 2.55 0.00	42.04 2.53 0.00	39.53 2.55 -0.01	38.22 2.26 -0.01
ASTORIA_GT2_3 24096	30.04 1.83 -0.01	28.27 1.70 -0.01	27.32 1.67 -0.01	26.78 1.68 -0.01	27.02 1.67 -0.01	29.18 1.88 0.00	35.91 2.22 0.00	42.84 2.73 0.00	40.76 2.63 0.00	37.71 2.47 0.00	38.31 2.47 0.00	37.24 2.37 0.00	36.36 2.31 0.00	36.32 2.34 0.00	37.44 2.45 -0.02	38.82 2.47 0.00	44.93 3.21 -0.02	55.49 4.39 -0.01	50.76 3.98 0.00	47.34 3.38 0.00	43.03 2.55 0.00	42.04 2.53 0.00	39.53 2.55 -0.01	38.22 2.26 -0.01
ASTORIA_GT2_4 24097	30.04 1.83 -0.01	28.27 1.70 -0.01	27.32 1.67 -0.01	26.78 1.68 -0.01	27.02 1.67 -0.01	29.18 1.88 0.00	35.91 2.22 0.00	42.84 2.73 0.00	40.76 2.63 0.00	37.71 2.47 0.00	38.31 2.47 0.00	37.24 2.37 0.00	36.36 2.31 0.00	36.32 2.34 0.00	37.44 2.45 -0.02	38.82 2.47 0.00	44.93 3.21 -0.02	55.49 4.39 -0.01	50.76 3.98 0.00	47.34 3.38 0.00	43.03 2.55 0.00	42.04 2.53 0.00	39.53 2.55 -0.01	38.22 2.26 -0.01
ASTORIA_GT3_1 24098	30.04 1.83 -0.01	28.27 1.70 -0.01	27.32 1.67 -0.01	26.78 1.68 -0.01	27.02 1.67 -0.01	29.18 1.88 0.00	35.91 2.22 0.00	42.84 2.73 0.00	40.76 2.63 0.00	37.71 2.47 0.00	38.31 2.47 0.00	37.24 2.37 0.00	36.36 2.31 0.00	36.32 2.34 0.00	37.44 2.45 -0.02	38.82 2.47 0.00	44.93 3.21 -0.02	55.49 4.39 -0.01	50.76 3.98 0.00	47.34 3.38 0.00	43.03 2.55 0.00	42.04 2.53 0.00	39.53 2.55 -0.01	38.22 2.26 -0.01
ASTORIA_GT3_2 24099	30.04 1.83 -0.01	28.27 1.70 -0.01	27.32 1.67 -0.01	26.78 1.68 -0.01	27.02 1.67 -0.01	29.18 1.88 0.00	35.91 2.22 0.00	42.84 2.73 0.00	40.76 2.63 0.00	37.71 2.47 0.00	38.31 2.47 0.00	37.24 2.37 0.00	36.36 2.31 0.00	36.32 2.34 0.00	37.44 2.45 -0.02	38.82 2.47 0.00	44.93 3.21 -0.02	55.49 4.39 -0.01	50.76 3.98 0.00	47.34 3.38 0.00	43.03 2.55 0.00	42.04 2.53 0.00	39.53 2.55 -0.01	38.22 2.26 -0.01
ASTORIA_GT3_3 24100	30.04 1.83 -0.01	28.27 1.70 -0.01	27.32 1.67 -0.01	26.78 1.68 -0.01	27.02 1.67 -0.01	29.18 1.88 0.00	35.91 2.22 0.00	42.84 2.73 0.00	40.76 2.63 0.00	37.71 2.47 0.00	38.31 2.47 0.00	37.24 2.37 0.00	36.36 2.31 0.00	36.32 2.34 0.00	37.44 2.45 -0.02	38.82 2.47 0.00	44.93 3.21 -0.02	55.49 4.39 -0.01	50.76 3.98 0.00	47.34 3.38 0.00	43.03 2.55 0.00	42.04 2.53 0.00	39.53 2.55 -0.01	38.22 2.26 -0.01
ASTORIA_GT3_4 24101	30.04 1.83 -0.01	28.27 1.70 -0.01	27.32 1.67 -0.01	26.78 1.68 -0.01	27.02 1.67 -0.01	29.18 1.88 0.00	35.91 2.22 0.00	42.84 2.73 0.00	40.76 2.63 0.00	37.71 2.47 0.00	38.31 2.47 0.00	37.24 2.37 0.00	36.36 2.31 0.00	36.32 2.34 0.00	37.44 2.45 -0.02	38.82 2.47 0.00	44.93 3.21 -0.02	55.49 4.39 -0.01	50.76 3.98 0.00	47.34 3.38 0.00	43.03 2.55 0.00	42.04 2.53 0.00	39.53 2.55 -0.01	38.22 2.26 -0.01
ASTORIA_GT4_1 24102	30.04 1.83 -0.01	28.27 1.70 -0.01	27.32 1.67 -0.01	26.78 1.68 -0.01	27.02 1.67 -0.01	29.18 1.88 0.00	35.91 2.22 0.00	42.84 2.73 0.00	40.76 2.63 0.00	37.71 2.47 0.00	38.31 2.47 0.00	37.24 2.37 0.00	36.36 2.31 0.00	36.32 2.34 0.00	37.44 2.45 -0.02	38.82 2.47 0.00	44.93 3.21 -0.02	55.49 4.39 -0.01	50.76 3.98 0.00	47.34 3.38 0.00	43.03 2.55 0.00	42.04 2.53 0.00	39.53 2.55 -0.01	38.22 2.26 -0.01
ASTORIA_GT4_2 24103	30.04 1.83 -0.01	28.27 1.70 -0.01	27.32 1.67 -0.01	26.78 1.68 -0.01	27.02 1.67 -0.01	29.18 1.88 0.00	35.91 2.22 0.00	42.84 2.73 0.00	40.76 2.63 0.00	37.71 2.47 0.00	38.31 2.47 0.00	37.24 2.37 0.00	36.36 2.31 0.00	36.32 2.34 0.00	37.44 2.45 -0.02	38.82 2.47 0.00	44.93 3.21 -0.02	55.49 4.39 -0.01	50.76 3.98 0.00	47.34 3.38 0.00	43.03 2.55 0.00	42.04 2.53 0.00	39.53 2.55 -0.01	38.22 2.26 -0.01
ASTORIA_GT4_3 24104	30.04 1.83 -0.01	28.27 1.70 -0.01	27.32 1.67 -0.01	26.78 1.68 -0.01	27.02 1.67 -0.01	29.18 1.88 0.00	35.91 2.22 0.00	42.84 2.73 0.00	40.76 2.63 0.00	37.71 2.47 0.00	38.31 2.47 0.00	37.24 2.37 0.00	36.36 2.31 0.00	36.32 2.34 0.00	37.44 2.45 -0.02	38.82 2.47 0.00	44.93 3.21 -0.02	55.49 4.39 -0.01	50.76 3.98 0.00	47.34 3.38 0.00	43.03 2.55 0.00	42.04 2.53 0.00	39.53 2.55 -0.01	38.22 2.26 -0.01

ASTORIA_GT4_4 24105	30.04 1.83 -0.01	28.27 1.70 -0.01	27.32 1.67 -0.01	26.78 1.68 -0.01	27.02 1.67 -0.01	29.18 1.88 0.00	35.91 2.22 0.00	42.84 2.73 0.00	40.76 2.63 0.00	37.71 2.47 0.00	38.31 2.47 0.00	37.24 2.37 0.00	36.36 2.31 0.00	36.32 2.34 0.00	37.44 2.45 -0.02	38.82 2.47 0.00	44.93 3.21 -0.02	55.49 4.39 -0.01	50.76 3.98 -0.01	47.34 3.38 0.00	43.03 2.55 0.00	42.04 2.53 0.00	39.53 2.55 -0.01	38.22 2.26 -0.01
ASTORIA_GT_1 23523	30.07 1.86 -0.01	28.33 1.75 -0.01	27.35 1.69 -0.01	26.81 1.71 -0.01	27.07 1.72 -0.01	29.20 1.91 0.00	35.98 2.29 0.00	42.92 2.81 0.00	40.82 2.71 0.01	37.74 2.50 0.01	38.38 2.54 0.01	37.30 2.44 0.01	36.42 2.38 0.01	36.38 2.41 0.01	37.51 2.52 -0.01	38.92 2.58 0.01	45.01 3.29 -0.01	55.64 4.54 -0.01	50.90 4.12 -0.01	47.47 3.52 0.00	43.11 2.63 0.01	42.24 2.72 0.00	39.49 2.52 -0.01	38.11 2.16 -0.01
ASTORIA_GT_10 24110	30.04 1.83 -0.01	28.22 1.65 -0.01	27.27 1.62 -0.01	26.73 1.63 -0.01	26.99 1.65 -0.01	29.07 1.77 0.00	35.91 2.22 0.00	43.04 2.93 0.00	40.95 2.82 0.00	37.89 2.64 0.00	38.49 2.65 0.00	37.42 2.55 0.00	36.53 2.49 0.00	36.49 2.51 0.00	37.58 2.59 -0.02	38.96 2.62 0.00	45.06 3.34 -0.02	55.69 4.60 -0.01	50.95 4.16 -0.01	47.51 3.56 0.00	43.24 2.75 0.00	42.12 2.61 0.00	39.45 2.48 -0.01	38.14 2.19 -0.01
ASTORIA_GT_11 24225	30.04 1.83 -0.01	28.22 1.65 -0.01	27.27 1.62 -0.01	26.73 1.63 -0.01	26.99 1.65 -0.01	29.07 1.77 0.00	35.91 2.22 0.00	43.04 2.93 0.00	40.95 2.82 0.00	37.89 2.64 0.00	38.49 2.65 0.00	37.42 2.55 0.00	36.53 2.49 0.00	36.49 2.51 0.00	37.58 2.59 -0.02	38.96 2.62 0.00	45.06 3.34 -0.02	55.69 4.60 -0.01	50.95 4.16 -0.01	47.51 3.56 0.00	43.24 2.75 0.00	42.12 2.61 0.00	39.45 2.48 -0.01	38.14 2.19 -0.01
ASTORIA_GT_12 24226	30.04 1.83 -0.01	28.22 1.65 -0.01	27.27 1.62 -0.01	26.73 1.63 -0.01	26.99 1.65 -0.01	29.07 1.77 0.00	35.91 2.22 0.00	43.04 2.93 0.00	40.95 2.82 0.00	37.89 2.64 0.00	38.49 2.65 0.00	37.42 2.55 0.00	36.53 2.49 0.00	36.49 2.51 0.00	37.58 2.59 -0.02	38.96 2.62 0.00	45.06 3.34 -0.02	55.69 4.60 -0.01	50.95 4.16 -0.01	47.51 3.56 0.00	43.24 2.75 0.00	42.12 2.61 0.00	39.45 2.48 -0.01	38.14 2.19 -0.01
ASTORIA_GT_13 24227	30.04 1.83 -0.01	28.22 1.65 -0.01	27.27 1.62 -0.01	26.73 1.63 -0.01	26.99 1.65 -0.01	29.07 1.77 0.00	35.91 2.22 0.00	43.04 2.93 0.00	40.95 2.82 0.00	37.89 2.64 0.00	38.49 2.65 0.00	37.42 2.55 0.00	36.53 2.49 0.00	36.49 2.51 0.00	37.58 2.59 -0.02	38.96 2.62 0.00	45.06 3.34 -0.02	55.69 4.60 -0.01	50.95 4.16 -0.01	47.51 3.56 0.00	43.24 2.75 0.00	42.12 2.61 0.00	39.45 2.48 -0.01	38.14 2.19 -0.01
ASTORIA_GT_5 24106	30.07 1.86 -0.01	28.33 1.75 -0.01	27.35 1.69 -0.01	26.81 1.71 -0.01	27.07 1.72 -0.01	29.21 1.91 0.00	35.98 2.29 0.00	42.92 2.81 0.00	40.83 2.71 0.00	37.78 2.54 0.00	38.38 2.54 0.00	37.31 2.44 0.00	36.43 2.38 0.00	36.39 2.41 0.00	37.51 2.52 -0.02	38.89 2.54 0.00	45.02 3.29 -0.02	55.59 4.49 -0.01	50.85 4.07 -0.01	47.47 3.52 0.00	43.12 2.63 0.00	42.12 2.61 0.00	39.60 2.62 -0.01	38.25 2.30 -0.01
ASTORIA_GT_7 24107	30.07 1.86 -0.01	28.33 1.75 -0.01	27.35 1.69 -0.01	26.81 1.71 -0.01	27.07 1.72 -0.01	29.21 1.91 0.00	35.98 2.29 0.00	42.92 2.81 0.00	40.83 2.71 0.00	37.78 2.54 0.00	38.38 2.54 0.00	37.31 2.44 0.00	36.43 2.38 0.00	36.39 2.41 0.00	37.51 2.52 -0.02	38.89 2.54 0.00	45.02 3.29 -0.02	55.59 4.49 -0.01	50.85 4.07 -0.01	47.47 3.52 0.00	43.12 2.63 0.00	42.12 2.61 0.00	39.60 2.62 -0.01	38.25 2.30 -0.01
ASTORIA_GT_8 24108	30.07 1.86 -0.01	28.33 1.75 -0.01	27.35 1.69 -0.01	26.81 1.71 -0.01	27.07 1.72 -0.01	29.21 1.91 0.00	35.98 2.29 0.00	42.92 2.81 0.00	40.83 2.71 0.00	37.78 2.54 0.00	38.38 2.54 0.00	37.31 2.44 0.00	36.43 2.38 0.00	36.39 2.41 0.00	37.51 2.52 -0.02	38.89 2.54 0.00	45.02 3.29 -0.02	55.59 4.49 -0.01	50.85 4.07 -0.01	47.47 3.52 0.00	43.12 2.63 0.00	42.12 2.61 0.00	39.60 2.62 -0.01	38.25 2.30 -0.01
ASTORIA___2 24149	30.04 1.83 -0.01	28.28 1.70 -0.01	27.32 1.67 -0.01	26.78 1.68 -0.01	27.02 1.67 -0.01	29.18 1.88 0.00	35.91 2.22 0.00	42.84 2.73 0.00	40.75 2.63 0.01	37.67 2.43 0.01	38.30 2.47 0.01	37.24 2.37 0.01	36.35 2.32 0.01	36.31 2.34 0.01	37.43 2.45 -0.01	38.85 2.51 0.01	44.93 3.21 -0.01	55.49 4.39 -0.01	50.81 4.02 -0.01	47.34 3.38 0.00	43.03 2.55 0.01	42.16 2.65 0.00	39.41 2.44 -0.01	38.04 2.08 -0.01
ASTORIA___3 23516	30.04 1.83 -0.01	28.22 1.65 -0.01	27.27 1.62 -0.01	26.73 1.63 -0.01	26.99 1.65 -0.01	29.07 1.77 0.00	35.91 2.22 0.00	43.00 2.89 0.00	40.95 2.82 0.00	37.85 2.61 0.00	38.45 2.61 0.00	37.38 2.51 0.00	36.53 2.48 0.00	36.49 2.51 0.00	37.58 2.59 -0.02	38.97 2.62 0.00	45.06 3.34 -0.02	55.69 4.60 -0.01	51.00 4.21 -0.01	47.51 3.56 0.00	43.24 2.75 0.00	42.24 2.72 0.00	39.38 2.40 -0.01	38.00 2.05 -0.01
ASTORIA___4 23517	30.04 1.83 -0.01	28.22 1.65 -0.01	27.27 1.62 -0.01	26.73 1.63 -0.01	26.99 1.65 -0.01	29.07 1.77 0.00	35.91 2.22 0.00	43.04 2.93 0.00	40.95 2.82 0.00	37.89 2.64 0.00	38.49 2.65 0.00	37.42 2.55 0.00	36.53 2.49 0.00	36.49 2.51 0.00	37.58 2.59 -0.02	38.96 2.62 0.00	45.06 3.34 -0.02	55.69 4.60 -0.01	50.95 4.16 -0.01	47.51 3.56 0.00	43.24 2.75 0.00	42.12 2.61 0.00	39.45 2.48 -0.01	38.14 2.19 -0.01
ASTORIA___5 23518	30.04 1.83 -0.01	28.22 1.65 -0.01	27.27 1.62 -0.01	26.73 1.63 -0.01	26.99 1.65 -0.01	29.07 1.77 0.00	35.91 2.22 0.00	43.00 2.89 0.00	40.95 2.82 0.00	37.85 2.61 0.00	38.45 2.61 0.00	37.38 2.51 0.00	36.53 2.48 0.00	36.49 2.51 0.00	37.58 2.59 -0.02	38.97 2.62 0.00	45.06 3.34 -0.02	55.69 4.60 -0.01	51.00 4.21 -0.01	47.51 3.56 0.00	43.24 2.75 0.00	42.24 2.72 0.00	39.38 2.40 -0.01	38.00 2.05 -0.01
AST_ENERGY_2_CC3 323677	29.84 1.64 0.00	28.03 1.46 0.00	27.06 1.41 0.00	26.55 1.45 0.00	26.80 1.47 0.00	28.88 1.58 0.00	35.64 1.95 0.00	42.84 2.73 0.00	40.75 2.63 0.00	37.68 2.43 0.00	38.31 2.47 0.00	37.24 2.37 0.00	36.39 2.35 0.00	36.35 2.38 0.00	37.40 2.41 -0.01	38.82 2.47 0.00	44.89 3.17 -0.01	55.43 4.34 -0.01	50.81 4.02 -0.01	47.29 3.34 0.00	43.11 2.63 0.00	42.01 2.49 0.00	39.07 2.11 0.00	37.71 1.76 0.00
AST_ENERGY_2_CC4 323678	29.84 1.64 0.00	28.03 1.46 0.00	27.06 1.41 0.00	26.55 1.45 0.00	26.80 1.47 0.00	28.88 1.58 0.00	35.64 1.95 0.00	42.84 2.73 0.00	40.75 2.63 0.00	37.68 2.43 0.00	38.31 2.47 0.00	37.24 2.37 0.00	36.39 2.35 0.00	36.35 2.38 0.00	37.40 2.41 -0.01	38.82 2.47 0.00	44.89 3.17 -0.01	55.43 4.34 -0.01	50.81 4.02 -0.01	47.29 3.34 0.00	43.11 2.63 0.00	42.01 2.49 0.00	39.07 2.11 0.00	37.71 1.76 0.00

ATHENS_STG_1 23668	29.13 0.93 0.00	27.42 0.85 0.00	26.49 0.85 0.00	25.92 0.83 0.00	26.17 0.83 0.00	28.19 0.90 0.00	34.83 1.15 0.00	41.55 1.44 0.00	39.54 1.41 0.00	36.51 1.27 0.00	37.13 1.29 0.00	36.12 1.25 0.00	35.27 1.22 0.00	35.20 1.22 0.00	36.24 1.26 0.00	37.62 1.27 0.00	43.33 1.62 0.00	53.38 2.30 0.00	48.92 2.15 0.00	45.71 1.76 0.00	41.94 1.46 0.00	40.90 1.38 0.00	38.15 1.18 0.00	37.02 1.08 0.00
ATHENS_STG_2 23670	29.13 0.93 0.00	27.42 0.85 0.00	26.49 0.85 0.00	25.92 0.83 0.00	26.17 0.83 0.00	28.19 0.90 0.00	34.83 1.15 0.00	41.55 1.44 0.00	39.54 1.41 0.00	36.51 1.27 0.00	37.13 1.29 0.00	36.12 1.25 0.00	35.27 1.22 0.00	35.20 1.22 0.00	36.24 1.26 0.00	37.62 1.27 0.00	43.33 1.62 0.00	53.38 2.30 0.00	48.92 2.15 0.00	45.71 1.76 0.00	41.94 1.46 0.00	40.90 1.38 0.00	38.15 1.18 0.00	37.02 1.08 0.00
ATHENS_STG_3 23677	29.13 0.93 0.00	27.42 0.85 0.00	26.49 0.85 0.00	25.92 0.83 0.00	26.17 0.83 0.00	28.19 0.90 0.00	34.83 1.15 0.00	41.55 1.44 0.00	39.54 1.41 0.00	36.51 1.27 0.00	37.13 1.29 0.00	36.12 1.25 0.00	35.27 1.22 0.00	35.20 1.22 0.00	36.24 1.26 0.00	37.62 1.27 0.00	43.33 1.62 0.00	53.38 2.30 0.00	48.92 2.15 0.00	45.71 1.76 0.00	41.94 1.46 0.00	40.90 1.38 0.00	38.15 1.18 0.00	37.02 1.08 0.00
AUBURN___LFGE 323710	27.95 -0.25 0.00	26.30 -0.27 0.00	25.39 -0.26 0.00	24.77 -0.33 0.00	25.03 -0.30 0.00	27.08 -0.22 0.00	33.49 -0.20 0.00	39.95 -0.16 0.00	37.90 -0.23 0.00	35.03 -0.21 0.00	35.62 -0.22 0.00	34.70 -0.17 0.00	33.87 -0.17 0.00	33.77 -0.20 0.00	34.77 -0.21 0.00	36.13 -0.22 0.00	41.58 -0.13 0.00	51.49 0.41 0.00	47.01 0.23 0.00	44.04 0.09 0.00	40.36 -0.12 0.00	39.36 -0.16 0.00	36.78 -0.18 0.00	35.76 -0.18 0.00
BABYLON_RES_REC 323704	33.23 2.26 -2.77	31.19 2.07 -2.55	29.77 1.98 -2.14	29.49 2.01 -2.38	30.31 2.03 -2.95	33.38 2.21 -3.88	39.06 2.53 -2.85	45.24 3.25 -1.88	43.39 3.20 -2.06	37.92 2.68 0.00	38.60 2.76 0.00	37.21 2.34 0.00	36.29 2.25 0.00	36.29 2.31 0.00	37.22 2.24 0.00	38.64 2.29 0.00	45.25 3.54 0.00	57.25 5.01 -1.17	52.26 4.63 -0.85	50.16 3.96 -2.25	48.12 3.28 -4.36	42.24 2.72 0.00	39.07 2.11 0.00	38.06 2.12 0.00
BABYLON___69_KV_BK2 356345	33.57 2.59 -2.77	31.51 2.39 -2.55	30.10 2.31 -2.14	29.76 2.28 -2.38	30.62 2.33 -2.95	33.74 2.57 -3.88	39.87 3.34 -2.85	46.36 4.37 -1.88	44.34 4.16 -2.06	38.81 3.56 0.00	39.46 3.62 0.00	38.11 3.24 0.00	37.11 3.06 0.00	37.13 3.16 0.00	38.13 3.15 0.00	39.55 3.20 0.00	46.46 4.75 0.00	58.73 6.49 -1.17	53.52 5.89 -0.85	51.39 5.19 -2.25	49.22 4.37 -4.36	43.31 3.79 0.00	40.37 3.40 0.00	38.89 2.95 0.00
BALL_HILL_WT_PWR 323825	27.16 -1.04 0.00	25.40 -1.17 0.00	24.55 -1.10 0.00	23.82 -1.28 0.00	24.07 -1.27 0.00	26.15 -1.15 0.00	31.90 -1.79 0.00	37.50 -2.61 0.00	35.23 -2.90 0.00	32.71 -2.54 0.00	33.26 -2.58 0.00	32.53 -2.34 0.00	31.83 -2.21 0.00	31.84 -2.14 0.00	32.67 -2.31 0.00	33.77 -2.58 0.00	38.83 -2.88 0.00	48.68 -2.40 0.00	44.06 -2.71 0.00	41.14 -2.81 0.00	37.57 -2.92 0.00	36.75 -2.77 0.00	34.97 -2.00 0.00	34.65 -1.29 0.00
BARON_WINDS___WT_PWR 323822	27.72 -0.48 0.00	26.04 -0.53 0.00	25.14 -0.51 0.00	24.44 -0.65 0.00	24.68 -0.66 0.00	26.72 -0.57 0.00	32.75 -0.94 0.00	38.63 -1.48 0.00	36.41 -1.71 0.00	33.66 -1.59 0.00	34.23 -1.61 0.00	33.44 -1.43 0.00	32.68 -1.36 0.00	32.61 -1.36 0.00	33.54 -1.44 0.00	34.79 -1.56 0.00	39.96 -1.75 0.00	49.91 -1.17 0.00	45.41 -1.36 0.00	42.50 -1.45 0.00	38.90 -1.58 0.00	38.05 -1.46 0.00	36.04 -0.92 0.00	35.48 -0.47 0.00
BARRETT_IC_1 23704	32.86 1.89 -2.77	30.87 1.75 -2.55	29.51 1.72 -2.14	29.21 1.73 -2.38	30.01 1.72 -2.95	33.05 1.88 -3.87	38.79 2.26 -2.85	45.00 3.01 -1.88	43.12 2.94 -2.06	37.75 2.50 0.00	38.42 2.58 0.00	37.14 2.27 0.00	36.25 2.21 0.00	36.22 2.24 0.00	37.18 2.20 0.00	38.60 2.25 0.00	45.04 3.34 0.00	56.89 4.65 -1.17	51.92 4.30 -0.85	49.84 3.65 -2.25	47.84 3.00 -4.36	42.16 2.65 0.00	39.04 2.07 0.00	37.71 1.76 0.00
BARRETT_IC_10 23701	32.86 1.89 -2.77	30.87 1.75 -2.55	29.51 1.72 -2.14	29.21 1.73 -2.38	30.01 1.72 -2.95	33.05 1.88 -3.87	38.79 2.26 -2.85	45.00 3.01 -1.88	43.12 2.94 -2.06	37.75 2.50 0.00	38.42 2.58 0.00	37.14 2.27 0.00	36.25 2.21 0.00	36.22 2.24 0.00	37.18 2.20 0.00	38.60 2.25 0.00	45.04 3.34 0.00	56.89 4.65 -1.17	51.92 4.30 -0.85	49.84 3.65 -2.25	47.84 3.00 -4.36	42.16 2.65 0.00	39.04 2.07 0.00	37.71 1.76 0.00
BARRETT_IC_11 23702	32.86 1.89 -2.77	30.87 1.75 -2.55	29.51 1.72 -2.14	29.21 1.73 -2.38	30.01 1.72 -2.95	33.05 1.88 -3.87	38.79 2.26 -2.85	45.00 3.01 -1.88	43.12 2.94 -2.06	37.75 2.50 0.00	38.42 2.58 0.00	37.14 2.27 0.00	36.25 2.21 0.00	36.22 2.24 0.00	37.18 2.20 0.00	38.60 2.25 0.00	45.04 3.34 0.00	56.89 4.65 -1.17	51.92 4.30 -0.85	49.84 3.65 -2.25	47.84 3.00 -4.36	42.16 2.65 0.00	39.04 2.07 0.00	37.71 1.76 0.00
BARRETT_IC_12 23703	32.86 1.89 -2.77	30.87 1.75 -2.55	29.51 1.72 -2.14	29.21 1.73 -2.38	30.01 1.72 -2.95	33.05 1.88 -3.87	38.79 2.26 -2.85	45.00 3.01 -1.88	43.12 2.94 -2.06	37.75 2.50 0.00	38.42 2.58 0.00	37.14 2.27 0.00	36.25 2.21 0.00	36.22 2.24 0.00	37.18 2.20 0.00	38.60 2.25 0.00	45.04 3.34 0.00	56.89 4.65 -1.17	51.92 4.30 -0.85	49.84 3.65 -2.25	47.84 3.00 -4.36	42.16 2.65 0.00	39.04 2.07 0.00	37.71 1.76 0.00
BARRETT_IC_2 23705	32.86 1.89 -2.77	30.87 1.75 -2.55	29.51 1.72 -2.14	29.21 1.73 -2.38	30.01 1.72 -2.95	33.05 1.88 -3.87	38.79 2.26 -2.85	45.00 3.01 -1.88	43.12 2.94 -2.06	37.75 2.50 0.00	38.42 2.58 0.00	37.14 2.27 0.00	36.25 2.21 0.00	36.22 2.24 0.00	37.18 2.20 0.00	38.60 2.25 0.00	45.04 3.34 0.00	56.89 4.65 -1.17	51.92 4.30 -0.85	49.84 3.65 -2.25	47.84 3.00 -4.36	42.16 2.65 0.00	39.04 2.07 0.00	37.71 1.76 0.00
BARRETT_IC_3 23706	32.86 1.89 -2.77	30.87 1.75 -2.55	29.51 1.72 -2.14	29.21 1.73 -2.38	30.01 1.72 -2.95	33.05 1.88 -3.87	38.79 2.26 -2.85	45.00 3.01 -1.88	43.12 2.94 -2.06	37.75 2.50 0.00	38.42 2.58 0.00	37.14 2.27 0.00	36.25 2.21 0.00	36.22 2.24 0.00	37.18 2.20 0.00	38.60 2.25 0.00	45.04 3.34 0.00	56.89 4.65 -1.17	51.92 4.30 -0.85	49.84 3.65 -2.25	47.84 3.00 -4.36	42.16 2.65 0.00	39.04 2.07 0.00	37.71 1.76 0.00
BARRETT_IC_4 23707	32.86 1.89 -2.77	30.87 1.75 -2.55	29.51 1.72 -2.14	29.21 1.73 -2.38	30.01 1.72 -2.95	33.05 1.88 -3.87	38.79 2.26 -2.85	45.00 3.01 -1.88	43.12 2.94 -2.06	37.75 2.50 0.00	38.42 2.58 0.00	37.14 2.27 0.00	36.25 2.21 0.00	36.22 2.24 0.00	37.18 2.20 0.00	38.60 2.25 0.00	45.04 3.34 0.00	56.89 4.65 -1.17	51.92 4.30 -0.85	49.84 3.65 -2.25	47.84 3.00 -4.36	42.16 2.65 0.00	39.04 2.07 0.00	37.71 1.76 0.00

BARRETT_IC_5 23708	32.86 1.89 -2.77	30.87 1.75 -2.55	29.51 1.72 -2.14	29.21 1.73 -2.38	30.01 1.72 -2.95	33.05 1.88 -3.87	38.79 2.26 -2.85	45.00 3.01 -1.88	43.12 2.94 -2.06	37.75 2.50 0.00	38.42 2.58 0.00	37.14 2.27 0.00	36.25 2.21 0.00	36.22 2.24 0.00	37.18 2.20 0.00	38.60 2.25 0.00	45.04 3.34 0.00	56.89 4.65 -1.17	51.92 4.30 -0.85	49.84 3.65 -2.25	47.84 3.00 -4.36	42.16 2.65 0.00	39.04 2.07 0.00	37.71 1.76 0.00
BARRETT_IC_6 23709	32.86 1.89 -2.77	30.87 1.75 -2.55	29.51 1.72 -2.14	29.21 1.73 -2.38	30.01 1.72 -2.95	33.05 1.88 -3.87	38.79 2.26 -2.85	45.00 3.01 -1.88	43.12 2.94 -2.06	37.75 2.50 0.00	38.42 2.58 0.00	37.14 2.27 0.00	36.25 2.21 0.00	36.22 2.24 0.00	37.18 2.20 0.00	38.60 2.25 0.00	45.04 3.34 0.00	56.89 4.65 -1.17	51.92 4.30 -0.85	49.84 3.65 -2.25	47.84 3.00 -4.36	42.16 2.65 0.00	39.04 2.07 0.00	37.71 1.76 0.00
BARRETT_IC_7 23710	32.86 1.89 -2.77	30.87 1.75 -2.55	29.51 1.72 -2.14	29.21 1.73 -2.38	30.03 1.75 -2.95	33.02 1.86 -3.87	38.79 2.26 -2.85	45.04 3.05 -1.88	43.12 2.94 -2.06	37.82 2.57 0.00	38.46 2.62 0.00	37.21 2.34 0.00	36.26 2.21 0.00	36.22 2.24 0.00	37.22 2.24 0.00	38.60 2.25 0.00	45.08 3.38 0.00	56.89 4.65 -1.17	51.88 4.26 -0.85	49.85 3.65 -2.25	47.84 3.00 -4.36	42.16 2.65 0.00	39.26 2.29 0.00	37.89 1.94 0.00
BARRETT_IC_8 23711	32.86 1.89 -2.77	30.87 1.75 -2.55	29.51 1.72 -2.14	29.21 1.73 -2.38	30.01 1.72 -2.95	33.05 1.88 -3.87	38.79 2.26 -2.85	45.00 3.01 -1.88	43.12 2.94 -2.06	37.75 2.50 0.00	38.42 2.58 0.00	37.14 2.27 0.00	36.25 2.21 0.00	36.22 2.24 0.00	37.18 2.20 0.00	38.60 2.25 0.00	45.04 3.34 0.00	56.89 4.65 -1.17	51.92 4.30 -0.85	49.84 3.65 -2.25	47.84 3.00 -4.36	42.16 2.65 0.00	39.04 2.07 0.00	37.71 1.76 0.00
BARRETT_IC_9 23700	32.86 1.89 -2.77	30.87 1.75 -2.55	29.51 1.72 -2.14	29.21 1.73 -2.38	30.01 1.72 -2.95	33.05 1.88 -3.87	38.79 2.26 -2.85	45.00 3.01 -1.88	43.12 2.94 -2.06	37.75 2.50 0.00	38.42 2.58 0.00	37.14 2.27 0.00	36.25 2.21 0.00	36.22 2.24 0.00	37.18 2.20 0.00	38.60 2.25 0.00	45.04 3.34 0.00	56.89 4.65 -1.17	51.92 4.30 -0.85	49.84 3.65 -2.25	47.84 3.00 -4.36	42.16 2.65 0.00	39.04 2.07 0.00	37.71 1.76 0.00
BARRETT___1 23545	32.86 1.89 -2.77	30.87 1.75 -2.55	29.51 1.72 -2.14	29.21 1.73 -2.38	30.01 1.72 -2.95	33.05 1.88 -3.87	38.79 2.26 -2.85	45.00 3.01 -1.88	43.12 2.94 -2.06	37.75 2.50 0.00	38.42 2.58 0.00	37.14 2.27 0.00	36.25 2.21 0.00	36.22 2.24 0.00	37.18 2.20 0.00	38.60 2.25 0.00	45.04 3.34 0.00	56.89 4.65 -1.17	51.92 4.30 -0.85	49.84 3.65 -2.25	47.84 3.00 -4.36	42.16 2.65 0.00	39.04 2.07 0.00	37.71 1.76 0.00
BARRETT___2 23546	32.86 1.89 -2.77	30.87 1.75 -2.55	29.51 1.72 -2.14	29.21 1.73 -2.38	30.01 1.72 -2.95	33.05 1.88 -3.87	38.79 2.26 -2.85	45.00 3.01 -1.88	43.12 2.94 -2.06	37.75 2.50 0.00	38.42 2.58 0.00	37.14 2.27 0.00	36.25 2.21 0.00	36.22 2.24 0.00	37.18 2.20 0.00	38.60 2.25 0.00	45.04 3.34 0.00	56.89 4.65 -1.17	51.92 4.30 -0.85	49.84 3.65 -2.25	47.84 3.00 -4.36	42.16 2.65 0.00	39.04 2.07 0.00	37.71 1.76 0.00
BATAVIA__115KV_TB1 55881	27.10 -1.10 0.00	25.34 -1.22 0.00	24.47 -1.18 0.00	23.66 -1.43 0.00	23.97 -1.37 0.00	26.07 -1.23 0.00	31.97 -1.72 0.00	37.70 -2.41 0.00	35.69 -2.44 0.00	32.92 -2.33 0.00	33.55 -2.29 0.00	32.67 -2.20 0.00	32.00 -2.04 0.00	32.00 -1.97 0.00	32.88 -2.10 0.00	34.13 -2.22 0.00	39.33 -2.38 0.00	49.24 -1.84 0.00	44.67 -2.10 0.00	41.71 -2.24 0.00	37.97 -2.51 0.00	37.10 -2.41 0.00	34.86 -2.11 0.00	34.29 -1.65 0.00
BAYONEEC___CTG1 323682	29.81 1.61 0.00	28.03 1.46 0.00	27.06 1.41 0.00	26.55 1.45 0.00	26.78 1.44 0.00	28.88 1.58 0.00	35.68 1.99 0.00	42.92 2.81 0.00	40.83 2.71 0.00	37.71 2.47 0.00	38.35 2.51 0.00	37.27 2.40 0.00	36.42 2.38 0.00	36.35 2.38 0.00	37.44 2.45 -0.01	38.85 2.51 0.00	44.93 3.21 -0.01	55.43 4.34 -0.01	50.85 4.07 -0.01	47.34 3.38 0.00	43.16 2.67 0.00	42.05 2.53 0.00	39.11 2.14 0.00	37.71 1.76 0.00
BAYONEEC___CTG10 323750	29.81 1.61 0.00	28.03 1.46 0.00	27.06 1.41 0.00	26.55 1.45 0.00	26.78 1.44 0.00	28.88 1.58 0.00	35.68 1.99 0.00	42.92 2.81 0.00	40.83 2.71 0.00	37.71 2.47 0.00	38.35 2.51 0.00	37.27 2.40 0.00	36.42 2.38 0.00	36.35 2.38 0.00	37.44 2.45 -0.01	38.85 2.51 0.00	44.93 3.21 -0.01	55.43 4.34 -0.01	50.85 4.07 -0.01	47.34 3.38 0.00	43.16 2.67 0.00	42.05 2.53 0.00	39.11 2.14 0.00	37.71 1.76 0.00
BAYONEEC___CTG2 323683	29.81 1.61 0.00	28.03 1.46 0.00	27.06 1.41 0.00	26.55 1.45 0.00	26.78 1.44 0.00	28.88 1.58 0.00	35.68 1.99 0.00	42.92 2.81 0.00	40.83 2.71 0.00	37.71 2.47 0.00	38.35 2.51 0.00	37.27 2.40 0.00	36.42 2.38 0.00	36.35 2.38 0.00	37.44 2.45 -0.01	38.85 2.51 0.00	44.93 3.21 -0.01	55.43 4.34 -0.01	50.85 4.07 -0.01	47.34 3.38 0.00	43.16 2.67 0.00	42.05 2.53 0.00	39.11 2.14 0.00	37.71 1.76 0.00
BAYONEEC___CTG3 323684	29.81 1.61 0.00	28.03 1.46 0.00	27.06 1.41 0.00	26.55 1.45 0.00	26.78 1.44 0.00	28.88 1.58 0.00	35.68 1.99 0.00	42.92 2.81 0.00	40.83 2.71 0.00	37.71 2.47 0.00	38.35 2.51 0.00	37.27 2.40 0.00	36.42 2.38 0.00	36.35 2.38 0.00	37.44 2.45 -0.01	38.85 2.51 0.00	44.93 3.21 -0.01	55.43 4.34 -0.01	50.85 4.07 -0.01	47.34 3.38 0.00	43.16 2.67 0.00	42.05 2.53 0.00	39.11 2.14 0.00	37.71 1.76 0.00
BAYONEEC___CTG4 323685	29.81 1.61 0.00	28.03 1.46 0.00	27.06 1.41 0.00	26.55 1.45 0.00	26.78 1.44 0.00	28.88 1.58 0.00	35.68 1.99 0.00	42.92 2.81 0.00	40.83 2.71 0.00	37.71 2.47 0.00	38.35 2.51 0.00	37.27 2.40 0.00	36.42 2.38 0.00	36.35 2.38 0.00	37.44 2.45 -0.01	38.85 2.51 0.00	44.93 3.21 -0.01	55.43 4.34 -0.01	50.85 4.07 -0.01	47.34 3.38 0.00	43.16 2.67 0.00	42.05 2.53 0.00	39.11 2.14 0.00	37.71 1.76 0.00
BAYONEEC___CTG5 323686	29.81 1.61 0.00	28.03 1.46 0.00	27.06 1.41 0.00	26.55 1.45 0.00	26.78 1.44 0.00	28.88 1.58 0.00	35.68 1.99 0.00	42.92 2.81 0.00	40.83 2.71 0.00	37.71 2.47 0.00	38.35 2.51 0.00	37.27 2.40 0.00	36.42 2.38 0.00	36.35 2.38 0.00	37.44 2.45 -0.01	38.85 2.51 0.00	44.93 3.21 -0.01	55.43 4.34 -0.01	50.85 4.07 -0.01	47.34 3.38 0.00	43.16 2.67 0.00	42.05 2.53 0.00	39.11 2.14 0.00	37.71 1.76 0.00
BAYONEEC___CTG6 323687	29.81 1.61 0.00	28.03 1.46 0.00	27.06 1.41 0.00	26.55 1.45 0.00	26.78 1.44 0.00	28.88 1.58 0.00	35.68 1.99 0.00	42.92 2.81 0.00	40.83 2.71 0.00	37.71 2.47 0.00	38.35 2.51 0.00	37.27 2.40 0.00	36.42 2.38 0.00	36.35 2.38 0.00	37.44 2.45 -0.01	38.85 2.51 0.00	44.93 3.21 -0.01	55.43 4.34 -0.01	50.85 4.07 -0.01	47.34 3.38 0.00	43.16 2.67 0.00	42.05 2.53 0.00	39.11 2.14 0.00	37.71 1.76 0.00

BAYONEEC___CTG7 323688	29.81 1.61 0.00	28.03 1.46 0.00	27.06 1.41 0.00	26.55 1.45 0.00	26.78 1.44 0.00	28.88 1.58 0.00	35.68 1.99 0.00	42.92 2.81 0.00	40.83 2.71 0.00	37.71 2.47 0.00	38.35 2.51 0.00	37.27 2.40 0.00	36.42 2.38 0.00	36.35 2.38 0.00	37.44 2.45 -0.01	38.85 2.51 0.00	44.93 3.21 -0.01	55.43 4.34 -0.01	50.85 4.07 -0.01	47.34 3.38 0.00	43.16 2.67 0.00	42.05 2.53 0.00	39.11 2.14 0.00	37.71 1.76 0.00
BAYONEEC___CTG8 323689	29.81 1.61 0.00	28.03 1.46 0.00	27.06 1.41 0.00	26.55 1.45 0.00	26.78 1.44 0.00	28.88 1.58 0.00	35.68 1.99 0.00	42.92 2.81 0.00	40.83 2.71 0.00	37.71 2.47 0.00	38.35 2.51 0.00	37.27 2.40 0.00	36.42 2.38 0.00	36.35 2.38 0.00	37.44 2.45 -0.01	38.85 2.51 0.00	44.93 3.21 -0.01	55.43 4.34 -0.01	50.85 4.07 -0.01	47.34 3.38 0.00	43.16 2.67 0.00	42.05 2.53 0.00	39.11 2.14 0.00	37.71 1.76 0.00
BAYONEEC___CTG9 323749	29.81 1.61 0.00	28.03 1.46 0.00	27.06 1.41 0.00	26.55 1.45 0.00	26.78 1.44 0.00	28.88 1.58 0.00	35.68 1.99 0.00	42.92 2.81 0.00	40.83 2.71 0.00	37.71 2.47 0.00	38.35 2.51 0.00	37.27 2.40 0.00	36.42 2.38 0.00	36.35 2.38 0.00	37.44 2.45 -0.01	38.85 2.51 0.00	44.93 3.21 -0.01	55.43 4.34 -0.01	50.85 4.07 -0.01	47.34 3.38 0.00	43.16 2.67 0.00	42.05 2.53 0.00	39.11 2.14 0.00	37.71 1.76 0.00
BEACON___LESR 323632	29.10 0.90 0.00	27.42 0.85 0.00	26.55 0.90 0.00	25.97 0.88 0.00	26.22 0.89 0.00	28.22 0.93 0.00	34.94 1.25 0.00	41.48 1.36 0.00	39.50 1.37 0.00	36.51 1.27 0.00	37.13 1.29 0.00	36.16 1.29 0.00	35.20 1.16 0.00	35.09 1.12 0.00	36.20 1.22 0.00	37.58 1.24 0.00	43.29 1.58 0.00	53.32 2.24 0.00	48.92 2.15 0.00	45.76 1.80 0.00	42.14 1.66 0.00	41.14 1.62 0.00	38.30 1.33 0.00	37.31 1.37 0.00
BEAVER RIVER___HYD 24048	27.86 -0.34 0.00	26.30 -0.27 0.00	25.34 -0.31 0.00	24.79 -0.30 0.00	25.01 -0.33 0.00	27.02 -0.27 0.00	33.35 -0.34 0.00	39.71 -0.40 0.00	37.67 -0.46 0.00	34.86 -0.39 0.00	35.34 -0.50 0.00	34.35 -0.52 0.00	33.50 -0.55 0.00	33.50 -0.48 0.00	34.52 -0.46 0.00	36.31 -0.04 0.00	41.79 0.08 0.00	51.44 0.36 0.00	47.19 0.42 0.00	44.35 0.39 0.00	40.69 0.20 0.00	39.71 0.20 0.00	37.04 0.07 0.00	35.87 -0.07 0.00
BEEBEE_GT_13 23619	27.13 -1.07 0.00	25.45 -1.12 0.00	24.57 -1.08 0.00	23.84 -1.25 0.00	24.12 -1.22 0.00	26.18 -1.12 0.00	32.21 -1.48 0.00	38.15 -1.97 0.00	36.18 -1.94 0.00	33.45 -1.80 0.00	34.08 -1.76 0.00	33.20 -1.67 0.00	32.44 -1.60 0.00	32.48 -1.49 0.00	33.33 -1.64 0.00	34.60 -1.74 0.00	39.79 -1.92 0.00	49.44 -1.63 0.00	44.99 -1.78 0.00	42.15 -1.80 0.00	38.46 -2.02 0.00	37.54 -1.98 0.00	35.19 -1.77 0.00	34.43 -1.51 0.00
BENSHRST_27_KV_BENSHRST_1 355998	30.21 2.00 -0.01	28.35 1.78 -0.01	27.38 1.72 -0.01	26.86 1.76 -0.01	27.12 1.77 -0.01	29.18 1.88 0.00	36.11 2.43 0.00	43.32 3.21 0.00	41.29 3.16 0.00	38.21 2.96 0.00	38.78 2.94 0.00	37.70 2.82 0.00	36.80 2.76 0.00	36.76 2.79 0.00	37.90 2.90 -0.02	62.44 2.98 -23.11	45.48 3.75 -0.02	100.78 5.16 -44.55	123.69 4.68 -72.24	63.35 4.04 -15.36	101.92 3.16 -58.28	56.02 2.96 -13.54	58.94 2.85 -19.13	38.47 2.52 -0.01
BETHLEHEM___GRP 23843	28.57 0.37 0.00	26.94 0.37 0.00	26.09 0.44 0.00	25.55 0.45 0.00	25.79 0.46 0.00	27.70 0.41 0.00	34.19 0.51 0.00	40.67 0.56 0.00	38.70 0.57 0.00	35.74 0.49 0.00	36.38 0.54 0.00	35.43 0.56 0.00	34.52 0.48 0.00	34.45 0.48 0.00	35.47 0.49 0.00	36.82 0.47 0.00	42.37 0.67 0.00	52.10 1.02 0.00	47.80 1.03 0.00	44.74 0.79 0.00	41.17 0.69 0.00	40.15 0.63 0.00	37.45 0.48 0.00	36.52 0.58 0.00
BETHLEHEM___GS1 323560	28.57 0.37 0.00	26.94 0.37 0.00	26.09 0.44 0.00	25.55 0.45 0.00	25.79 0.46 0.00	27.70 0.41 0.00	34.19 0.51 0.00	40.63 0.52 0.00	38.70 0.57 0.00	35.74 0.49 0.00	36.38 0.54 0.00	35.39 0.52 0.00	34.52 0.48 0.00	34.45 0.48 0.00	35.50 0.53 0.00	36.82 0.47 0.00	42.41 0.71 0.00	52.15 1.07 0.00	47.85 1.08 0.00	44.75 0.79 0.00	41.17 0.69 0.00	40.19 0.67 0.00	37.41 0.45 0.00	36.48 0.54 0.00
BETHLEHEM___GS2 323561	28.57 0.37 0.00	26.94 0.37 0.00	26.09 0.44 0.00	25.55 0.45 0.00	25.79 0.46 0.00	27.70 0.41 0.00	34.19 0.51 0.00	40.63 0.52 0.00	38.70 0.57 0.00	35.74 0.49 0.00	36.38 0.54 0.00	35.39 0.52 0.00	34.52 0.48 0.00	34.45 0.48 0.00	35.50 0.53 0.00	36.82 0.47 0.00	42.41 0.71 0.00	52.15 1.07 0.00	47.85 1.08 0.00	44.75 0.79 0.00	41.17 0.69 0.00	40.19 0.67 0.00	37.41 0.45 0.00	36.48 0.54 0.00
BETHLEHEM___GS3 323562	28.57 0.37 0.00	26.94 0.37 0.00	26.09 0.44 0.00	25.55 0.45 0.00	25.79 0.46 0.00	27.70 0.41 0.00	34.19 0.51 0.00	40.63 0.52 0.00	38.70 0.57 0.00	35.74 0.49 0.00	36.38 0.54 0.00	35.39 0.52 0.00	34.52 0.48 0.00	34.45 0.48 0.00	35.50 0.53 0.00	36.82 0.47 0.00	42.41 0.71 0.00	52.15 1.07 0.00	47.85 1.08 0.00	44.75 0.79 0.00	41.17 0.69 0.00	40.19 0.67 0.00	37.41 0.45 0.00	36.48 0.54 0.00
BETHLEHEM___STEEL 23779	27.02 -1.18 0.00	25.26 -1.30 0.00	24.42 -1.23 0.00	23.69 -1.41 0.00	23.97 -1.37 0.00	26.04 -1.26 0.00	31.73 -1.95 0.00	37.10 -3.01 0.00	32.43 -3.13 0.00	33.01 -2.82 0.00	32.29 -2.83 0.00	31.59 -2.58 0.00	31.60 -2.45 0.00	32.42 -2.38 0.00	33.62 -2.55 0.00	38.62 -2.73 0.00	48.37 -3.09 0.00	43.92 -2.71 0.00	40.92 -2.85 0.00	37.37 -3.03 0.00	36.67 -3.12 0.00	34.42 -2.85 0.00	33.97 -2.55 0.00	33.97 -1.98 0.00
BETHLHEM_115KV_TB1 79974	28.65 0.45 0.00	27.02 0.45 0.00	26.14 0.49 0.00	25.60 0.50 0.00	25.84 0.51 0.00	27.76 0.46 0.00	34.26 0.57 0.00	40.79 0.68 0.00	38.81 0.69 0.00	35.84 0.60 0.00	36.48 0.65 0.00	35.50 0.63 0.00	34.62 0.58 0.00	34.52 0.54 0.00	35.57 0.59 0.00	36.93 0.58 0.00	42.46 0.75 0.00	52.25 1.17 0.00	47.94 1.17 0.00	44.83 0.88 0.00	41.25 0.77 0.00	40.27 0.75 0.00	37.56 0.59 0.00	36.63 0.68 0.00
BETHPAGE_CC_5 323564	33.14 2.17 -2.77	31.11 1.99 -2.55	29.72 1.92 -2.14	29.44 1.96 -2.38	30.26 1.98 -2.95	33.24 2.07 -3.88	39.09 2.56 -2.85	45.24 3.25 -1.88	43.39 3.20 -2.06	38.00 2.75 0.00	38.64 2.80 0.00	37.31 2.44 0.00	36.39 2.35 0.00	36.35 2.38 0.00	37.32 2.34 0.00	38.71 2.36 0.00	45.29 3.59 0.00	57.25 5.01 -1.17	52.26 4.63 -0.85	50.16 3.96 -2.25	48.08 3.24 -4.36	42.36 2.85 0.00	39.15 2.18 0.00	37.85 1.90 0.00
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	27.13 -1.07 0.00	25.37 -1.20 0.00	24.52 -1.13 0.00	23.76 -1.33 0.00	24.07 -1.27 0.00	26.15 -1.15 0.00	31.87 -1.82 0.00	37.30 -2.81 0.00	35.15 -2.97 0.00	32.57 -2.68 0.00	33.15 -2.69 0.00	32.43 -2.44 0.00	31.76 -2.28 0.00	31.77 -2.21 0.00	32.60 -2.38 0.00	33.77 -2.58 0.00	38.83 -2.88 0.00	48.68 -2.40 0.00	44.15 -2.62 0.00	41.18 -2.77 0.00	37.57 -2.91 0.00	36.87 -2.65 0.00	34.60 -2.37 0.00	34.15 -1.80 0.00

BINGHAMTON___COGEN 23790	28.23 0.03 0.00	26.54 -0.03 0.00	25.62 -0.03 0.00	25.02 -0.08 0.00	25.26 -0.08 0.00	27.32 0.03 0.00	33.72 0.03 0.00	40.11 0.00 0.00	38.01 -0.11 0.00	35.10 -0.14 0.00	35.70 -0.14 0.00	34.80 -0.07 0.00	33.97 -0.07 0.00	33.91 -0.07 0.00	34.87 -0.10 0.00	36.24 -0.11 0.00	41.66 -0.04 0.00	51.54 0.46 0.00	47.05 0.28 0.00	44.04 0.09 0.00	40.36 -0.12 0.00	39.44 -0.08 0.00	36.86 -0.11 0.00	35.94 0.00 0.00
BIXINCNT_115KV_LOAD 355685	27.44 -0.76 0.00	25.69 -0.88 0.00	24.80 -0.85 0.00	24.04 -1.05 0.00	24.35 -0.99 0.00	26.34 -0.96 0.00	32.17 -1.52 0.00	37.82 -2.29 0.00	35.38 -2.75 0.00	32.67 -2.57 0.00	33.26 -2.58 0.00	32.64 -2.23 0.00	32.07 -1.97 0.00	32.11 -1.87 0.00	32.95 -2.03 0.00	34.17 -2.18 0.00	39.37 -2.34 0.00	49.60 -1.48 0.00	45.09 -1.68 0.00	42.02 -1.93 0.00	38.34 -2.15 0.00	37.62 -1.90 0.00	35.30 -1.66 0.00	34.83 -1.11 0.00
BLACK RIVER___HYD 24047	27.75 -0.45 0.00	26.19 -0.37 0.00	25.24 -0.41 0.00	24.69 -0.40 0.00	24.88 -0.46 0.00	26.91 -0.38 0.00	33.35 -0.34 0.00	39.75 -0.36 0.00	37.67 -0.46 0.00	34.89 -0.35 0.00	35.41 -0.43 0.00	34.35 -0.52 0.00	33.50 -0.55 0.00	33.50 -0.48 0.00	34.52 -0.46 0.00	36.24 -0.11 0.00	41.87 0.17 0.00	51.74 0.66 0.00	47.43 0.65 0.00	44.61 0.66 0.00	40.81 0.32 0.00	39.83 0.31 0.00	37.04 0.07 0.00	35.91 -0.04 0.00
BLACKRVR_115KV_TB2 79977	27.75 -0.45 0.00	26.19 -0.37 0.00	25.24 -0.41 0.00	24.69 -0.40 0.00	24.88 -0.46 0.00	26.91 -0.38 0.00	33.35 -0.34 0.00	39.75 -0.36 0.00	37.67 -0.46 0.00	34.89 -0.35 0.00	35.41 -0.43 0.00	34.35 -0.52 0.00	33.50 -0.54 0.00	33.50 -0.48 0.00	34.52 -0.45 0.00	36.24 -0.11 0.00	41.87 0.17 0.00	51.79 0.72 0.00	47.47 0.70 0.00	44.61 0.66 0.00	40.81 0.32 0.00	39.83 0.32 0.00	37.04 0.07 0.00	35.87 -0.07 0.00
BLISS_WT_PWR 323608	27.38 -0.82 0.00	25.66 -0.90 0.00	24.78 -0.87 0.00	24.02 -1.08 0.00	24.30 -1.04 0.00	26.26 -1.04 0.00	32.07 -1.62 0.00	37.83 -2.28 0.00	35.23 -2.90 0.00	32.64 -2.61 0.00	33.11 -2.73 0.00	32.57 -2.30 0.00	32.00 -2.04 0.00	32.04 -1.94 0.00	32.88 -2.10 0.00	34.06 -2.29 0.00	39.20 -2.50 0.00	49.49 -1.58 0.00	44.95 -1.82 0.00	41.93 -2.02 0.00	38.34 -2.15 0.00	37.54 -1.97 0.00	35.64 -1.33 0.00	35.30 -0.65 0.00
BLUESTONE___WT_PWR 323821	29.81 1.61 0.00	28.11 1.54 0.00	27.08 1.44 0.00	26.47 1.38 0.00	26.70 1.37 0.00	28.96 1.67 0.00	36.05 2.36 0.00	43.08 2.97 0.00	40.87 2.75 0.00	37.78 2.54 0.00	38.31 2.47 0.00	37.24 2.37 0.00	36.36 2.32 0.00	36.29 2.31 0.00	37.39 2.41 0.00	38.93 2.58 0.00	44.96 3.26 0.00	55.88 4.80 0.00	51.07 4.30 0.00	47.86 3.91 0.00	43.68 3.20 0.00	42.68 3.16 0.00	39.70 2.74 0.00	38.60 2.66 0.00
BLUE_CIRC_CHEM_DRP 24182	29.05 0.85 0.00	27.36 0.80 0.00	26.47 0.82 0.00	25.90 0.80 0.00	26.12 0.79 0.00	28.09 0.79 0.00	34.70 1.01 0.00	41.19 1.08 0.00	39.19 1.07 0.00	36.20 0.95 0.00	36.81 0.97 0.00	35.85 0.98 0.00	34.93 0.89 0.00	34.86 0.88 0.00	35.92 0.94 0.00	37.33 0.98 0.00	42.92 1.21 0.00	52.76 1.69 0.00	48.45 1.68 0.00	45.36 1.41 0.00	41.78 1.30 0.00	40.78 1.26 0.00	38.08 1.11 0.00	37.13 1.19 0.00
BOC_GAS_DRP 24189	28.82 0.62 0.00	27.15 0.58 0.00	26.24 0.59 0.00	25.67 0.58 0.00	25.92 0.58 0.00	27.90 0.60 0.00	34.43 0.74 0.00	41.03 0.92 0.00	39.00 0.88 0.00	36.02 0.78 0.00	36.66 0.82 0.00	35.67 0.80 0.00	34.83 0.78 0.00	34.76 0.78 0.00	35.78 0.80 0.00	37.15 0.80 0.00	42.71 1.00 0.00	52.51 1.43 0.00	48.13 1.36 0.00	45.05 1.10 0.00	41.42 0.93 0.00	40.42 0.91 0.00	37.74 0.78 0.00	36.73 0.79 0.00
BOONVILLE_115KV_TB1 79983	28.62 0.42 0.00	26.99 0.43 0.00	26.03 0.38 0.00	25.47 0.38 0.00	25.69 0.35 0.00	27.79 0.49 0.00	34.33 0.64 0.00	40.91 0.80 0.00	38.85 0.72 0.00	35.91 0.67 0.00	36.45 0.61 0.00	35.43 0.56 0.00	34.55 0.51 0.00	34.52 0.54 0.00	35.61 0.63 0.00	37.26 0.91 0.00	42.92 1.21 0.00	52.87 1.79 0.00	48.45 1.68 0.00	45.49 1.54 0.00	41.70 1.21 0.00	40.70 1.19 0.00	37.89 0.92 0.00	36.77 0.83 0.00
BORALEX_4TH_BRANCH 23824	29.75 1.55 0.00	28.00 1.43 0.00	27.06 1.41 0.00	26.47 1.38 0.00	26.73 1.39 0.00	28.82 1.53 0.00	35.57 1.89 0.00	42.44 2.33 0.00	40.34 2.21 0.00	37.22 1.97 0.00	37.88 2.04 0.00	36.89 2.02 0.00	35.95 1.91 0.00	35.88 1.90 0.00	36.94 1.96 0.00	38.31 1.96 0.00	44.17 2.46 0.00	54.40 3.32 0.00	49.90 3.13 0.00	46.68 2.73 0.00	42.87 2.39 0.00	41.81 2.29 0.00	38.96 2.00 0.00	37.99 2.05 0.00
BOWLINE___1 23526	29.64 1.44 0.00	27.87 1.30 0.00	26.93 1.28 0.00	26.27 1.18 0.00	26.53 1.19 0.00	28.61 1.31 0.00	35.37 1.68 0.00	42.40 2.29 0.00	40.34 2.21 0.00	37.18 1.94 0.00	37.84 2.01 0.00	36.79 1.92 0.00	35.91 1.87 0.00	35.84 1.87 0.00	36.90 1.92 0.00	38.27 1.93 0.00	44.29 2.59 0.00	54.71 3.63 0.00	50.10 3.32 0.00	46.72 2.77 0.00	42.67 2.18 0.00	41.57 2.05 0.00	38.63 1.67 0.00	37.34 1.40 0.00
BOWLINE___2 23595	29.64 1.44 0.00	27.87 1.30 0.00	26.93 1.28 0.00	26.27 1.18 0.00	26.53 1.19 0.00	28.61 1.31 0.00	35.37 1.68 0.00	42.40 2.29 0.00	40.34 2.21 0.00	37.18 1.94 0.00	37.84 2.01 0.00	36.79 1.92 0.00	35.91 1.87 0.00	35.84 1.87 0.00	36.90 1.92 0.00	38.27 1.93 0.00	44.29 2.59 0.00	54.71 3.63 0.00	50.10 3.32 0.00	46.72 2.77 0.00	42.67 2.18 0.00	41.57 2.05 0.00	38.63 1.67 0.00	37.34 1.40 0.00
BRADY___115KV_TB2 356060	28.54 0.34 0.00	26.91 0.35 0.00	25.93 0.28 0.00	25.37 0.28 0.00	25.61 0.28 0.00	27.54 0.25 0.00	34.06 0.37 0.00	40.31 0.20 0.00	38.47 0.34 0.00	35.74 0.49 0.00	36.27 0.43 0.00	35.22 0.35 0.00	34.42 0.37 0.00	34.35 0.37 0.00	35.40 0.42 0.00	36.89 0.55 0.00	41.87 0.17 0.00	50.77 -0.31 0.00	46.58 -0.19 0.00	44.04 0.09 0.00	40.81 0.32 0.00	39.83 0.32 0.00	37.48 0.52 0.00	36.34 0.40 0.00
BRANSCOMB___SOLAR 323811	29.64 1.44 0.00	27.95 1.38 0.00	26.98 1.33 0.00	26.40 1.30 0.00	26.65 1.32 0.00	28.74 1.45 0.00	35.64 1.95 0.00	42.36 2.24 0.00	40.30 2.17 0.00	37.15 1.90 0.00	37.77 1.93 0.00	36.82 1.95 0.00	35.81 1.77 0.00	35.67 1.70 0.00	36.80 1.82 0.00	38.27 1.93 0.00	44.21 2.50 0.00	54.50 3.42 0.00	50.14 3.37 0.00	46.85 2.90 0.00	43.16 2.67 0.00	42.08 2.57 0.00	39.19 2.22 0.00	38.10 2.16 0.00
BRENTWOD_69_KV_W. BRTWOOD 56703	33.40 2.43 -2.77	31.35 2.23 -2.55	29.97 2.18 -2.14	29.66 2.18 -2.38	30.52 2.23 -2.95	33.57 2.40 -3.88	39.70 3.17 -2.85	46.16 4.17 -1.88	44.11 3.93 -2.06	38.60 3.35 0.00	39.24 3.40 0.00	37.90 3.03 0.00	36.94 2.89 0.00	36.93 2.96 0.00	37.92 2.94 0.00	39.33 2.98 0.00	46.29 4.59 0.00	58.47 6.23 -1.17	53.28 5.66 -0.85	51.17 4.97 -2.25	49.01 4.17 -4.36	43.11 3.60 0.00	40.15 3.18 0.00	38.68 2.73 0.00

BRISTLHL_115KV_TB1 79998	27.36 -0.85 0.00	25.80 -0.77 0.00	24.88 -0.77 0.00	24.32 -0.78 0.00	24.55 -0.79 0.00	26.50 -0.79 0.00	32.75 -0.94 0.00	39.03 -1.08 0.00	37.06 -1.07 0.00	34.26 -0.99 0.00	34.84 -1.00 0.00	33.89 -0.98 0.00	33.09 -0.95 0.00	33.02 -0.95 0.00	34.00 -0.98 0.00	35.33 -1.02 0.00	40.66 -1.04 0.00	50.11 -0.97 0.00	45.79 -0.98 0.00	42.99 -0.97 0.00	39.43 -1.05 0.00	38.49 -1.03 0.00	35.97 -1.00 0.00	34.97 -0.97 0.00
BROOKHAVEN___DRP 24191	33.57 2.59 -2.77	31.48 2.36 -2.55	30.08 2.28 -2.14	29.76 2.28 -2.38	30.62 2.33 -2.95	33.76 2.59 -3.87	39.97 3.44 -2.85	46.52 4.53 -1.88	44.46 4.27 -2.06	38.84 3.59 0.00	39.49 3.66 0.00	38.11 3.24 0.00	37.11 3.06 0.00	37.13 3.16 0.00	38.13 3.15 0.00	39.58 3.23 0.00	46.67 4.96 0.00	58.88 6.64 -1.17	53.66 6.03 -0.85	51.60 5.41 -2.25	49.46 4.62 -4.36	43.31 3.79 0.00	40.41 3.44 0.00	38.96 3.02 0.00
BROOKLYN_NAVY_YARD 23515	29.84 1.64 0.00	28.03 1.46 0.00	27.06 1.41 0.00	26.52 1.43 0.00	26.78 1.44 0.00	28.88 1.58 0.00	35.71 2.02 0.00	42.96 2.85 0.00	40.87 2.75 0.00	37.78 2.54 0.00	38.42 2.58 0.00	37.35 2.48 0.00	36.46 2.42 0.00	36.42 2.45 0.00	37.51 2.52 -0.01	38.93 2.58 0.00	45.06 3.34 -0.01	55.64 4.54 -0.01	51.00 4.21 -0.01	47.47 3.52 0.00	43.24 2.75 0.00	42.12 2.61 0.00	39.15 2.18 0.00	37.74 1.80 0.00
BROOKLYN___ARMY_DRP 323595	30.10 1.89 -0.01	28.27 1.70 -0.01	27.30 1.64 -0.01	26.76 1.66 -0.01	27.02 1.67 -0.01	29.10 1.80 0.00	35.98 2.29 0.00	43.16 3.05 0.00	41.14 3.01 0.00	38.03 2.78 0.00	38.63 2.80 0.00	37.56 2.69 0.00	36.66 2.62 0.00	36.62 2.65 0.00	37.76 2.76 -0.02	62.29 2.84 -23.11	45.27 3.55 -0.02	100.48 4.85 -44.55	123.45 4.44 -72.24	63.13 3.82 -15.36	101.76 3.00 -58.28	55.86 2.81 -13.54	58.76 2.66 -19.13	38.32 2.37 -0.01
BROOKVLE_69_KV_TB1 55790	33.20 2.23 -2.77	31.14 2.02 -2.55	29.74 1.95 -2.14	29.44 1.96 -2.38	30.26 1.98 -2.95	33.35 2.18 -3.87	39.30 2.76 -2.85	45.56 3.57 -1.88	43.62 3.43 -2.06	38.38 3.14 0.00	39.03 3.19 0.00	37.73 2.86 0.00	36.77 2.72 0.00	36.73 2.75 0.00	37.74 2.76 0.00	39.04 2.69 0.00	45.67 3.96 0.00	57.66 5.41 -1.17	52.58 4.96 -0.85	50.51 4.31 -2.25	48.41 3.56 -4.36	42.68 3.16 0.00	39.70 2.74 0.00	38.39 2.44 0.00
BROOME_2_LFGE 323671	28.23 0.03 0.00	26.54 -0.03 0.00	25.62 -0.03 0.00	25.02 -0.08 0.00	25.26 -0.08 0.00	27.32 0.03 0.00	33.72 0.03 0.00	40.11 0.00 0.00	38.01 -0.11 0.00	35.10 -0.14 0.00	35.73 -0.11 0.00	34.80 -0.07 0.00	33.97 -0.07 0.00	33.91 -0.07 0.00	34.87 -0.10 0.00	36.20 -0.14 0.00	41.62 -0.08 0.00	51.54 0.46 0.00	47.01 0.24 0.00	44.04 0.09 0.00	40.36 -0.12 0.00	39.40 -0.12 0.00	36.93 -0.04 0.00	36.05 0.11 0.00
BROOME___LFGE 323600	28.23 0.03 0.00	26.54 -0.03 0.00	25.62 -0.03 0.00	25.02 -0.08 0.00	25.26 -0.08 0.00	27.32 0.03 0.00	33.72 0.03 0.00	40.11 0.00 0.00	38.01 -0.11 0.00	35.10 -0.14 0.00	35.73 -0.11 0.00	34.80 -0.07 0.00	33.97 -0.07 0.00	33.91 -0.07 0.00	34.87 -0.10 0.00	36.20 -0.14 0.00	41.62 -0.08 0.00	51.54 0.46 0.00	47.01 0.24 0.00	44.04 0.09 0.00	40.36 -0.12 0.00	39.40 -0.12 0.00	36.93 -0.04 0.00	36.05 0.11 0.00
BROWNFLS_115KV_TB_3_5 80003	27.64 -0.56 0.00	26.09 -0.48 0.00	25.14 -0.51 0.00	24.59 -0.50 0.00	24.83 -0.51 0.00	26.75 -0.55 0.00	33.01 -0.67 0.00	39.23 -0.88 0.00	37.29 -0.84 0.00	34.61 -0.63 0.00	35.09 -0.75 0.00	34.10 -0.77 0.00	33.29 -0.75 0.00	33.23 -0.75 0.00	34.24 -0.73 0.00	35.88 -0.47 0.00	41.04 -0.67 0.00	50.16 -0.92 0.00	46.07 -0.70 0.00	43.38 -0.57 0.00	40.00 -0.49 0.00	39.04 -0.47 0.00	36.56 -0.41 0.00	35.41 -0.54 0.00
BROWNSV1_27_KV_LOAD 356125	30.06 1.86 0.00	28.21 1.65 0.00	27.27 1.62 0.00	26.73 1.63 0.00	26.98 1.65 0.00	29.10 1.80 0.00	35.98 2.29 0.00	43.28 3.17 0.00	41.17 3.05 0.00	38.06 2.82 0.00	38.67 2.83 0.00	37.59 2.72 0.00	36.73 2.69 0.00	36.66 2.68 0.00	37.75 2.76 -0.01	39.15 2.80 0.00	45.35 3.63 -0.01	56.05 4.95 -0.01	51.27 4.49 -0.01	47.82 3.87 0.00	43.52 3.04 0.00	42.36 2.85 0.00	39.56 2.59 0.00	38.21 2.26 0.00
BURROWS___LYONSDAL 23803	28.48 0.28 0.00	26.86 0.29 0.00	25.91 0.26 0.00	25.35 0.25 0.00	25.56 0.23 0.00	27.65 0.35 0.00	34.13 0.44 0.00	40.67 0.56 0.00	38.58 0.46 0.00	35.67 0.42 0.00	36.20 0.36 0.00	35.18 0.31 0.00	34.31 0.27 0.00	34.28 0.31 0.00	35.36 0.38 0.00	37.07 0.73 0.00	42.71 1.00 0.00	52.61 1.53 0.00	48.22 1.45 0.00	45.27 1.32 0.00	41.54 1.05 0.00	40.54 1.03 0.00	37.74 0.78 0.00	36.63 0.68 0.00
CAITHNESS_CC_1 323624	33.48 2.51 -2.77	31.43 2.31 -2.55	30.00 2.21 -2.14	29.71 2.23 -2.38	30.57 2.28 -2.95	33.71 2.54 -3.87	39.87 3.34 -2.85	46.28 4.29 -1.88	44.34 4.16 -2.06	38.63 3.38 0.00	39.25 3.41 0.00	37.76 2.89 0.00	36.77 2.72 0.00	36.79 2.82 0.00	37.74 2.76 0.00	39.22 2.87 0.00	46.13 4.42 0.00	58.32 6.08 -1.17	53.19 5.56 -0.85	51.12 4.92 -2.25	49.13 4.29 -4.36	42.87 3.36 0.00	39.59 2.62 0.00	38.35 2.41 0.00
CALPINE BETH_PAGE_GT4 24209	33.17 2.20 -2.77	31.11 1.99 -2.55	29.74 1.95 -2.14	29.44 1.96 -2.38	30.26 1.98 -2.95	33.33 2.16 -3.88	39.13 2.59 -2.85	45.36 3.37 -1.88	43.39 3.20 -2.06	38.10 2.85 0.00	38.71 2.87 0.00	37.38 2.51 0.00	36.43 2.38 0.00	36.42 2.45 0.00	37.39 2.41 0.00	38.78 2.44 0.00	45.38 3.67 0.00	57.30 5.06 -1.17	52.25 4.63 -0.85	50.20 4.00 -2.25	48.08 3.24 -4.36	42.40 2.88 0.00	39.48 2.51 0.00	38.10 2.16 0.00
CALPINE_BETH_PAGE_GT_4 323586	33.17 2.20 -2.77	31.11 1.99 -2.55	29.72 1.92 -2.14	29.44 1.96 -2.38	30.26 1.98 -2.95	33.27 2.10 -3.88	39.09 2.56 -2.85	45.24 3.25 -1.88	43.39 3.20 -2.06	38.00 2.75 0.00	38.64 2.80 0.00	37.31 2.44 0.00	36.42 2.38 0.00	36.39 2.41 0.00	37.32 2.34 0.00	38.75 2.40 0.00	45.33 3.63 0.00	57.30 5.06 -1.17	52.30 4.68 -0.85	50.20 4.00 -2.25	48.12 3.28 -4.36	42.40 2.88 0.00	39.19 2.22 0.00	37.88 1.94 0.00
CALPINE_BP_GT1 23823	33.17 2.20 -2.77	31.11 1.99 -2.55	29.72 1.92 -2.14	29.44 1.96 -2.38	30.26 1.98 -2.95	33.27 2.10 -3.88	39.09 2.56 -2.85	45.24 3.25 -1.88	43.39 3.20 -2.06	38.00 2.75 0.00	38.64 2.80 0.00	37.31 2.44 0.00	36.42 2.38 0.00	36.39 2.41 0.00	37.32 2.34 0.00	38.75 2.40 0.00	45.33 3.63 0.00	57.30 5.06 -1.17	52.30 4.68 -0.85	50.20 4.00 -2.25	48.12 3.28 -4.36	42.40 2.88 0.00	39.19 2.22 0.00	37.88 1.94 0.00
CALSPAN___DRP 24200	27.02 -1.18 0.00	25.26 -1.30 0.00	24.42 -1.23 0.00	23.69 -1.41 0.00	23.97 -1.37 0.00	26.04 -1.26 0.00	31.73 -1.95 0.00	37.10 -3.01 0.00	35.00 -3.13 0.00	32.43 -2.82 0.00	33.01 -2.83 0.00	32.29 -2.58 0.00	31.59 -2.45 0.00	31.60 -2.38 0.00	32.42 -2.55 0.00	33.62 -2.73 0.00	38.62 -3.09 0.00	48.37 -2.71 0.00	43.92 -2.85 0.00	40.92 -3.03 0.00	37.37 -3.12 0.00	36.67 -2.85 0.00	34.42 -2.55 0.00	33.97 -1.98 0.00

CALVERTON___SOLAR 323806	33.76 2.79 -2.77	31.64 2.53 -2.55	30.23 2.44 -2.14	29.91 2.43 -2.38	30.80 2.51 -2.95	33.98 2.81 -3.87	40.24 3.71 -2.85	46.72 4.73 -1.88	44.72 4.53 -2.06	38.95 3.70 0.00	39.57 3.73 0.00	38.08 3.21 0.00	37.11 3.07 0.00	37.10 3.12 0.00	38.09 3.11 0.00	39.58 3.23 0.00	46.63 4.92 0.00	58.88 6.64 -1.17	53.70 6.08 -0.85	51.69 5.49 -2.25	49.66 4.82 -4.36	43.23 3.71 0.00	39.89 2.92 0.00	38.71 2.77 0.00
CANDIGU_WT_PWR 323617	27.72 -0.48 0.00	26.04 -0.53 0.00	25.14 -0.51 0.00	24.44 -0.65 0.00	24.68 -0.66 0.00	26.72 -0.57 0.00	32.75 -0.94 0.00	38.63 -1.48 0.00	36.41 -1.71 0.00	33.66 -1.59 0.00	34.23 -1.61 0.00	33.44 -1.43 0.00	32.68 -1.36 0.00	32.61 -1.36 0.00	33.54 -1.44 0.00	34.79 -1.56 0.00	39.96 -1.75 0.00	49.91 -1.17 0.00	45.41 -1.36 0.00	42.50 -1.45 0.00	38.90 -1.58 0.00	38.05 -1.46 0.00	36.04 -0.92 0.00	35.48 -0.47 0.00
CARR STREET_E_SYR 24060	27.64 -0.56 0.00	26.04 -0.53 0.00	25.11 -0.54 0.00	24.54 -0.55 0.00	24.78 -0.56 0.00	26.78 -0.52 0.00	32.98 -0.71 0.00	39.19 -0.92 0.00	37.21 -0.92 0.00	34.40 -0.85 0.00	35.02 -0.82 0.00	34.07 -0.80 0.00	33.26 -0.78 0.00	33.19 -0.78 0.00	34.17 -0.80 0.00	35.48 -0.87 0.00	40.79 -0.92 0.00	50.31 -0.76 0.00	45.98 -0.80 0.00	43.07 -0.88 0.00	39.55 -0.93 0.00	38.57 -0.95 0.00	36.12 -0.85 0.00	35.15 -0.79 0.00
CARTHAGE___PAPER 23857	27.81 -0.39 0.00	26.22 -0.35 0.00	25.27 -0.38 0.00	24.74 -0.35 0.00	24.93 -0.41 0.00	26.94 -0.36 0.00	33.35 -0.34 0.00	39.75 -0.36 0.00	37.67 -0.46 0.00	34.86 -0.39 0.00	35.34 -0.50 0.00	34.28 -0.59 0.00	33.43 -0.61 0.00	33.43 -0.54 0.00	34.42 -0.56 0.00	36.20 -0.14 0.00	41.75 0.04 0.00	51.48 0.41 0.00	47.19 0.42 0.00	44.39 0.44 0.00	40.69 0.20 0.00	39.71 0.20 0.00	36.97 0.00 0.00	35.80 -0.14 0.00
CASSADAGA_WT_PWR 323784	27.81 -0.39 0.00	26.01 -0.56 0.00	25.08 -0.56 0.00	24.32 -0.78 0.00	24.60 -0.74 0.00	26.75 -0.55 0.00	32.71 -0.98 0.00	38.59 -1.52 0.00	36.22 -1.91 0.00	33.59 -1.66 0.00	34.26 -1.58 0.00	33.58 -1.29 0.00	32.88 -1.16 0.00	32.92 -1.05 0.00	33.79 -1.19 0.00	34.93 -1.42 0.00	40.21 -1.50 0.00	50.52 -0.56 0.00	45.74 -1.03 0.00	42.59 -1.36 0.00	38.86 -1.62 0.00	38.01 -1.50 0.00	36.08 -0.89 0.00	35.69 -0.25 0.00
CE_DUNWOOD___DRP 24194	29.67 1.47 0.00	27.89 1.33 0.00	26.96 1.31 0.00	26.42 1.33 0.00	26.68 1.34 0.00	28.74 1.45 0.00	35.54 1.85 0.00	42.72 2.61 0.00	40.60 2.48 0.00	37.50 2.26 0.00	38.13 2.29 0.00	37.07 2.20 0.00	36.19 2.14 0.00	36.11 2.14 0.00	37.18 2.20 0.00	38.57 2.22 0.00	44.63 2.92 0.00	55.12 4.04 -0.01	50.47 3.69 -0.01	47.07 3.12 0.00	42.99 2.51 0.00	41.81 2.29 0.00	39.00 2.03 0.00	37.74 1.80 0.00
CE_MILLWOOD___DRP 24193	29.61 1.41 0.00	27.84 1.28 0.00	26.91 1.26 0.00	26.37 1.28 0.00	26.63 1.29 0.00	28.69 1.39 0.00	35.47 1.79 0.00	42.60 2.49 0.00	40.53 2.40 0.00	37.39 2.15 0.00	38.03 2.19 0.00	36.96 2.09 0.00	36.08 2.04 0.00	36.05 2.07 0.00	37.08 2.10 0.00	38.46 2.11 0.00	44.50 2.79 0.00	54.96 3.88 -0.01	50.33 3.55 -0.01	46.94 2.99 0.00	42.91 2.43 0.00	41.73 2.21 0.00	38.93 1.96 0.00	37.67 1.73 0.00
CE_NYC2_DRP 24202	30.01 1.80 -0.01	28.22 1.65 -0.01	27.25 1.59 -0.01	26.71 1.61 -0.01	26.96 1.62 -0.01	29.07 1.77 0.00	35.91 2.22 0.00	43.08 2.97 0.00	40.98 2.86 0.00	37.92 2.68 0.00	38.49 2.65 0.00	37.42 2.55 0.00	36.56 2.52 0.00	36.49 2.51 0.00	37.62 2.62 -0.02	39.00 2.65 0.00	45.10 3.38 -0.02	55.74 4.65 -0.01	51.00 4.21 -0.01	47.56 3.60 0.00	43.28 2.79 0.00	42.16 2.65 0.00	39.49 2.51 -0.01	38.14 2.19 -0.01
CE_NYC_DRP 24195	29.84 1.64 0.00	28.03 1.46 0.00	27.09 1.44 0.00	26.55 1.46 0.00	26.80 1.47 0.00	28.91 1.61 0.00	35.71 2.02 0.00	43.00 2.89 0.00	40.87 2.74 0.00	37.78 2.54 0.00	38.42 2.58 0.00	37.35 2.48 0.00	36.46 2.42 0.00	36.42 2.45 0.00	37.51 2.52 -0.01	38.86 2.51 0.00	45.01 3.29 -0.01	55.53 4.44 -0.01	50.85 4.07 -0.01	47.43 3.47 0.00	43.20 2.71 0.00	42.00 2.49 0.00	39.26 2.29 0.00	37.92 1.98 0.00
CHAFFEE___LFGE 323603	27.10 -1.10 0.00	25.37 -1.19 0.00	24.50 -1.15 0.00	23.76 -1.33 0.00	24.04 -1.29 0.00	26.12 -1.17 0.00	31.87 -1.82 0.00	37.42 -2.69 0.00	35.23 -2.90 0.00	32.71 -2.54 0.00	33.22 -2.61 0.00	32.50 -2.37 0.00	31.76 -2.28 0.00	31.77 -2.21 0.00	32.60 -2.38 0.00	33.73 -2.62 0.00	38.75 -2.96 0.00	48.58 -2.50 0.00	44.01 -2.76 0.00	41.10 -2.86 0.00	37.53 -2.95 0.00	36.71 -2.80 0.00	34.97 -2.00 0.00	34.61 -1.33 0.00
CHATEAUG_35_KV_LOAD 355732	29.10 0.90 0.00	27.44 0.88 0.00	26.42 0.77 0.00	25.82 0.73 0.00	26.10 0.76 0.00	27.76 0.46 0.00	34.23 0.54 0.00	40.15 0.04 0.00	37.93 -0.19 0.00	35.49 0.25 0.00	35.87 0.04 0.00	34.70 -0.17 0.00	33.91 -0.14 0.00	33.77 -0.20 0.00	34.73 -0.24 0.00	36.28 -0.07 0.00	40.91 -0.79 0.00	49.60 -1.48 0.00	45.70 -1.08 0.00	43.21 -0.75 0.00	40.20 -0.28 0.00	39.36 -0.16 0.00	37.37 0.41 0.00	36.27 0.32 0.00
CHATEAUG_WT_PWR 323614	29.08 0.88 0.00	27.42 0.85 0.00	26.39 0.74 0.00	25.80 0.70 0.00	26.07 0.74 0.00	27.70 0.41 0.00	34.16 0.47 0.00	39.99 -0.12 0.00	37.82 -0.31 0.00	35.46 0.21 0.00	35.80 -0.04 0.00	34.66 -0.21 0.00	33.87 -0.17 0.00	33.74 -0.24 0.00	34.70 -0.28 0.00	36.17 -0.18 0.00	40.75 -0.96 0.00	49.39 -1.68 0.00	45.46 -1.31 0.00	43.03 -0.93 0.00	40.00 -0.48 0.00	39.16 -0.36 0.00	37.30 0.33 0.00	36.20 0.25 0.00
CHAT_HIGH_FALL_HYD 323578	29.10 0.90 0.00	27.44 0.88 0.00	26.42 0.77 0.00	25.82 0.73 0.00	26.10 0.76 0.00	27.76 0.46 0.00	34.23 0.54 0.00	40.15 0.04 0.00	37.93 -0.19 0.00	35.49 0.25 0.00	35.87 0.04 0.00	34.70 -0.17 0.00	33.91 -0.14 0.00	33.77 -0.20 0.00	34.73 -0.24 0.00	36.28 -0.07 0.00	40.91 -0.79 0.00	49.60 -1.48 0.00	45.70 -1.08 0.00	43.21 -0.75 0.00	40.20 -0.28 0.00	39.36 -0.16 0.00	37.37 0.41 0.00	36.27 0.32 0.00
CHAUTAUQUA___LFGE 323629	27.41 -0.79 0.00	25.64 -0.93 0.00	24.75 -0.90 0.00	24.02 -1.08 0.00	24.27 -1.06 0.00	26.37 -0.93 0.00	32.21 -1.48 0.00	37.87 -2.25 0.00	35.57 -2.55 0.00	33.03 -2.22 0.00	33.62 -2.22 0.00	32.92 -1.95 0.00	32.24 -1.81 0.00	32.24 -1.73 0.00	33.09 -1.89 0.00	34.20 -2.14 0.00	39.37 -2.33 0.00	49.39 -1.68 0.00	44.71 -2.06 0.00	41.71 -2.24 0.00	38.06 -2.43 0.00	37.26 -2.25 0.00	35.42 -1.55 0.00	35.05 -0.90 0.00
CHERRYST_13_KV_LD 356241	29.92 1.72 0.00	28.11 1.54 0.00	27.14 1.49 0.00	26.63 1.53 0.00	26.88 1.55 0.00	28.96 1.66 0.00	35.81 2.12 0.00	43.12 3.01 0.00	41.02 2.90 0.00	37.92 2.68 0.00	38.53 2.69 0.00	37.45 2.58 0.00	36.56 2.52 0.00	36.52 2.55 0.00	37.61 2.62 -0.01	39.00 2.65 0.00	45.18 3.46 -0.01	55.74 4.65 -0.01	51.04 4.26 -0.01	47.56 3.60 0.00	43.32 2.83 0.00	42.12 2.61 0.00	39.33 2.37 0.00	38.03 2.08 0.00

CHESTROR_138KV_BK263 355645	29.22 1.02 0.00	27.50 0.93 0.00	26.55 0.90 0.00	26.10 1.00 0.00	26.35 1.01 0.00	28.41 1.12 0.00	35.14 1.45 0.00	41.96 1.85 0.00	39.92 1.79 0.00	36.83 1.59 0.00	37.38 1.54 0.00	36.34 1.46 0.00	35.51 1.46 0.00	35.44 1.46 0.00	36.48 1.50 0.00	37.91 1.56 0.00	43.79 2.09 0.00	54.04 2.96 0.00	49.53 2.76 0.00	46.24 2.29 0.00	42.35 1.86 0.00	41.25 1.74 0.00	38.48 1.52 0.00	37.35 1.40 0.00
CH_MIDHUDSON___DRP 24192	29.61 1.41 0.00	27.84 1.28 0.00	26.91 1.26 0.00	26.32 1.23 0.00	26.55 1.22 0.00	28.61 1.31 0.00	35.37 1.68 0.00	42.28 2.17 0.00	40.22 2.10 0.00	37.11 1.87 0.00	37.70 1.86 0.00	36.68 1.81 0.00	35.81 1.77 0.00	35.74 1.77 0.00	36.80 1.82 0.00	38.20 1.85 0.00	44.17 2.46 0.00	54.50 3.42 0.00	49.95 3.18 0.00	46.63 2.68 0.00	42.67 2.19 0.00	41.57 2.05 0.00	38.78 1.81 0.00	37.63 1.69 0.00
CH_MISC_IPPS 23765	29.70 1.49 0.00	27.92 1.35 0.00	26.96 1.31 0.00	26.40 1.30 0.00	26.65 1.32 0.00	28.71 1.42 0.00	35.57 1.89 0.00	42.40 2.29 0.00	40.41 2.29 0.00	37.22 1.97 0.00	37.77 1.93 0.00	36.72 1.85 0.00	35.88 1.84 0.00	35.81 1.83 0.00	36.87 1.89 0.00	38.35 2.00 0.00	44.34 2.63 0.00	54.76 3.68 0.00	50.23 3.46 0.00	46.85 2.90 0.00	42.87 2.39 0.00	41.81 2.29 0.00	38.89 1.92 0.00	37.71 1.76 0.00
CH_RES_BVR_FALLS 23983	28.06 -0.14 0.00	26.46 -0.11 0.00	25.55 -0.10 0.00	25.02 -0.08 0.00	25.26 -0.08 0.00	27.16 -0.14 0.00	33.49 -0.20 0.00	39.75 -0.36 0.00	37.78 -0.34 0.00	34.93 -0.32 0.00	35.48 -0.36 0.00	34.56 -0.31 0.00	33.81 -0.24 0.00	33.74 -0.24 0.00	34.77 -0.21 0.00	36.17 -0.18 0.00	41.33 -0.38 0.00	50.36 -0.72 0.00	46.16 -0.61 0.00	43.56 -0.40 0.00	40.28 -0.20 0.00	39.36 -0.16 0.00	36.89 -0.07 0.00	35.87 -0.07 0.00
CH_RES_NIAGARA 23895	25.80 -2.40 0.00	24.12 -2.44 0.00	23.34 -2.31 0.00	22.64 -2.46 0.00	22.90 -2.43 0.00	24.87 -2.43 0.00	30.18 -3.50 0.00	35.26 -4.85 0.00	33.21 -4.92 0.00	30.94 -4.30 0.00	31.32 -4.52 0.00	30.65 -4.22 0.00	29.96 -4.09 0.00	29.97 -4.01 0.00	30.74 -4.23 0.00	31.80 -4.54 0.00	36.45 -5.26 0.00	45.51 -5.57 0.00	41.25 -5.52 0.00	38.59 -5.36 0.00	35.22 -5.26 0.00	34.54 -4.98 0.00	33.05 -3.92 0.00	32.82 -3.13 0.00
CH_RES_SYRACUSE 23985	27.78 -0.42 0.00	26.19 -0.37 0.00	25.27 -0.38 0.00	24.69 -0.40 0.00	24.93 -0.41 0.00	26.91 -0.38 0.00	33.25 -0.44 0.00	39.63 -0.48 0.00	37.63 -0.50 0.00	34.79 -0.46 0.00	35.41 -0.43 0.00	34.49 -0.38 0.00	33.64 -0.41 0.00	33.57 -0.41 0.00	34.56 -0.42 0.00	35.91 -0.43 0.00	41.29 -0.42 0.00	50.93 -0.15 0.00	46.54 -0.23 0.00	43.65 -0.31 0.00	40.04 -0.44 0.00	39.08 -0.43 0.00	36.60 -0.37 0.00	35.62 -0.32 0.00
CLINTON_WT_PWR 323605	29.08 0.88 0.00	27.42 0.85 0.00	26.39 0.74 0.00	25.80 0.70 0.00	26.07 0.74 0.00	27.70 0.41 0.00	34.16 0.47 0.00	39.99 -0.12 0.00	37.82 -0.31 0.00	35.46 0.21 0.00	35.80 -0.04 0.00	34.66 -0.21 0.00	33.87 -0.17 0.00	33.74 -0.24 0.00	34.70 -0.28 0.00	36.17 -0.18 0.00	40.75 -0.96 0.00	49.39 -1.68 0.00	45.46 -1.31 0.00	43.03 -0.93 0.00	40.00 -0.48 0.00	39.16 -0.36 0.00	37.30 0.33 0.00	36.20 0.25 0.00
CLINTON___LFGE 323618	29.56 1.35 0.00	27.87 1.30 0.00	26.80 1.16 0.00	26.20 1.10 0.00	26.50 1.17 0.00	28.09 0.79 0.00	34.67 0.98 0.00	40.51 0.40 0.00	38.20 0.08 0.00	35.95 0.70 0.00	36.30 0.46 0.00	35.15 0.28 0.00	34.31 0.27 0.00	34.18 0.21 0.00	35.15 0.18 0.00	36.71 0.36 0.00	41.25 -0.46 0.00	50.11 -0.97 0.00	46.16 -0.61 0.00	43.65 -0.31 0.00	40.57 0.08 0.00	39.67 0.16 0.00	37.85 0.89 0.00	36.70 0.76 0.00
COBBLENY_34_KV_TB1 80064	27.10 -1.10 0.00	25.34 -1.22 0.00	24.50 -1.15 0.00	23.76 -1.33 0.00	24.04 -1.29 0.00	26.12 -1.17 0.00	31.87 -1.82 0.00	37.30 -2.81 0.00	35.19 -2.94 0.00	32.60 -2.64 0.00	33.19 -2.65 0.00	32.46 -2.41 0.00	31.76 -2.28 0.00	31.77 -2.21 0.00	32.60 -2.38 0.00	33.77 -2.58 0.00	38.87 -2.84 0.00	48.68 -2.40 0.00	44.20 -2.57 0.00	41.18 -2.77 0.00	37.57 -2.91 0.00	36.87 -2.65 0.00	34.60 -2.37 0.00	34.11 -1.83 0.00
COFFEEN___115KV_TB3 355620	27.92 -0.28 0.00	26.33 -0.24 0.00	25.37 -0.28 0.00	24.82 -0.28 0.00	25.01 -0.33 0.00	27.05 -0.25 0.00	33.55 -0.13 0.00	40.03 -0.08 0.00	37.93 -0.19 0.00	35.14 -0.11 0.00	35.62 -0.22 0.00	34.56 -0.31 0.00	33.67 -0.37 0.00	33.67 -0.31 0.00	34.73 -0.24 0.00	36.49 0.15 0.00	42.21 0.50 0.00	52.25 1.17 0.00	47.89 1.12 0.00	45.01 1.05 0.00	41.17 0.69 0.00	40.19 0.67 0.00	37.30 0.33 0.00	36.12 0.18 0.00
COLDSPRG_115KV_BK1 355956	28.15 -0.06 0.00	26.33 -0.24 0.00	25.42 -0.23 0.00	24.64 -0.45 0.00	24.96 -0.38 0.00	27.16 -0.14 0.00	33.28 -0.40 0.00	39.19 -0.92 0.00	36.83 -1.30 0.00	34.01 -1.23 0.00	34.76 -1.08 0.00	34.03 -0.84 0.00	33.33 -0.71 0.00	33.30 -0.68 0.00	34.17 -0.80 0.00	35.37 -0.98 0.00	40.75 -0.96 0.00	51.23 0.15 0.00	46.40 -0.37 0.00	43.16 -0.79 0.00	39.35 -1.13 0.00	38.57 -0.95 0.00	36.15 -0.81 0.00	35.62 -0.32 0.00
COLONIE_LFGE___ 323577	29.33 1.13 0.00	27.63 1.06 0.00	26.70 1.05 0.00	26.12 1.03 0.00	26.35 1.01 0.00	28.39 1.09 0.00	35.10 1.41 0.00	41.80 1.68 0.00	39.76 1.64 0.00	36.69 1.45 0.00	37.34 1.50 0.00	36.37 1.50 0.00	35.44 1.40 0.00	35.33 1.36 0.00	36.41 1.43 0.00	37.84 1.49 0.00	43.58 1.88 0.00	53.63 2.55 0.00	49.25 2.48 0.00	46.06 2.11 0.00	42.39 1.90 0.00	41.33 1.82 0.00	38.48 1.52 0.00	37.49 1.54 0.00
COOPERNY_115KV_TB1 80082	28.96 0.76 0.00	27.26 0.69 0.00	26.32 0.67 0.00	25.80 0.70 0.00	26.04 0.71 0.00	28.09 0.79 0.00	34.70 1.01 0.00	41.47 1.36 0.00	39.42 1.30 0.00	36.41 1.16 0.00	37.02 1.18 0.00	35.99 1.12 0.00	35.17 1.12 0.00	35.06 1.09 0.00	36.10 1.12 0.00	37.51 1.16 0.00	43.21 1.50 0.00	53.27 2.20 0.00	48.78 2.01 0.00	45.62 1.67 0.00	41.78 1.30 0.00	40.74 1.22 0.00	38.04 1.07 0.00	36.91 0.97 0.00
COPENHAGEN_WT_PWR 323753	27.72 -0.48 0.00	26.17 -0.40 0.00	25.21 -0.44 0.00	24.67 -0.43 0.00	24.85 -0.48 0.00	26.86 -0.44 0.00	33.25 -0.44 0.00	39.67 -0.44 0.00	37.59 -0.53 0.00	34.82 -0.42 0.00	35.34 -0.50 0.00	34.31 -0.56 0.00	33.46 -0.58 0.00	33.43 -0.54 0.00	34.45 -0.52 0.00	36.13 -0.22 0.00	41.71 0.00 0.00	51.59 0.51 0.00	47.29 0.52 0.00	44.44 0.48 0.00	40.69 0.20 0.00	39.71 0.20 0.00	36.97 0.00 0.00	35.80 -0.14 0.00
CORNELL_____ 23752	28.60 0.39 0.00	26.91 0.35 0.00	25.96 0.31 0.00	25.35 0.25 0.00	25.59 0.25 0.00	27.70 0.41 0.00	34.29 0.61 0.00	40.91 0.80 0.00	38.81 0.69 0.00	35.77 0.53 0.00	36.34 0.50 0.00	35.39 0.52 0.00	34.55 0.51 0.00	34.42 0.44 0.00	35.43 0.45 0.00	36.93 0.58 0.00	42.58 0.88 0.00	52.81 1.74 0.00	48.22 1.45 0.00	45.18 1.23 0.00	41.33 0.85 0.00	40.35 0.83 0.00	37.67 0.70 0.00	36.66 0.72 0.00

CORONA_69_KV_TB1 355595	33.06 2.09 -2.77	31.00 1.89 -2.55	29.64 1.85 -2.14	29.34 1.86 -2.38	30.14 1.85 -2.95	33.19 2.02 -3.87	39.06 2.53 -2.85	45.40 3.41 -1.88	43.47 3.28 -2.06	38.14 2.89 0.00	38.78 2.94 0.00	37.52 2.65 0.00	36.60 2.55 0.00	36.56 2.58 0.00	37.57 2.59 0.00	38.96 2.62 0.00	45.50 3.80 0.00	57.30 5.06 -1.17	52.30 4.68 -0.85	50.20 4.00 -2.25	48.29 3.44 -4.36	42.56 3.04 0.00	39.63 2.66 0.00	38.24 2.30 0.00
CORTLAND_115KV_TB3 80093	28.37 0.17 0.00	26.70 0.13 0.00	25.78 0.13 0.00	25.17 0.08 0.00	25.41 0.08 0.00	27.49 0.19 0.00	33.99 0.30 0.00	40.51 0.40 0.00	38.43 0.31 0.00	35.49 0.25 0.00	36.09 0.25 0.00	35.11 0.24 0.00	34.28 0.24 0.00	34.18 0.20 0.00	35.22 0.24 0.00	36.64 0.29 0.00	42.16 0.46 0.00	52.15 1.07 0.00	47.66 0.89 0.00	44.66 0.70 0.00	40.89 0.40 0.00	39.95 0.43 0.00	37.30 0.33 0.00	36.30 0.36 0.00
COXSACKIE___GT 23611	30.12 1.92 0.00	28.32 1.75 0.00	27.37 1.72 0.00	26.75 1.66 0.00	27.01 1.67 0.00	29.04 1.75 0.00	36.28 2.59 0.00	42.24 2.12 0.00	40.30 2.17 0.00	36.94 1.69 0.00	37.24 1.40 0.00	36.20 1.32 0.00	35.27 1.22 0.00	35.20 1.22 0.00	36.45 1.47 0.00	38.13 1.78 0.00	44.12 2.42 0.00	54.45 3.37 0.00	50.18 3.41 0.00	46.85 2.90 0.00	43.28 2.79 0.00	42.36 2.85 0.00	39.34 2.37 0.00	38.67 2.73 0.00
CPV_VALLEY___CC1 323721	29.05 0.85 0.00	27.31 0.74 0.00	26.39 0.74 0.00	25.87 0.78 0.00	26.12 0.79 0.00	28.17 0.87 0.00	34.77 1.08 0.00	41.60 1.48 0.00	39.57 1.45 0.00	36.51 1.27 0.00	37.13 1.29 0.00	36.09 1.22 0.00	35.23 1.19 0.00	35.20 1.22 0.00	36.20 1.22 0.00	37.62 1.27 0.00	43.38 1.67 0.00	53.53 2.45 0.00	49.06 2.29 0.00	45.80 1.85 0.00	41.94 1.46 0.00	40.86 1.34 0.00	38.04 1.07 0.00	36.88 0.93 0.00
CPV_VALLEY___CC2 323722	29.05 0.85 0.00	27.31 0.74 0.00	26.39 0.74 0.00	25.87 0.78 0.00	26.12 0.79 0.00	28.17 0.87 0.00	34.77 1.08 0.00	41.60 1.48 0.00	39.57 1.45 0.00	36.51 1.27 0.00	37.13 1.29 0.00	36.09 1.22 0.00	35.23 1.19 0.00	35.20 1.22 0.00	36.20 1.22 0.00	37.62 1.27 0.00	43.38 1.67 0.00	53.53 2.45 0.00	49.06 2.29 0.00	45.80 1.85 0.00	41.94 1.46 0.00	40.86 1.34 0.00	38.04 1.07 0.00	36.88 0.93 0.00
CRESCENT___HYD 24018	29.33 1.13 0.00	27.63 1.06 0.00	26.70 1.05 0.00	26.12 1.03 0.00	26.35 1.01 0.00	28.39 1.09 0.00	35.10 1.41 0.00	41.80 1.68 0.00	39.76 1.64 0.00	36.69 1.45 0.00	37.34 1.50 0.00	36.37 1.50 0.00	35.44 1.40 0.00	35.33 1.36 0.00	36.41 1.43 0.00	37.84 1.49 0.00	43.58 1.88 0.00	53.63 2.55 0.00	49.25 2.48 0.00	46.06 2.11 0.00	42.39 1.90 0.00	41.33 1.82 0.00	38.48 1.52 0.00	37.49 1.54 0.00
CRICKET___VALLEY_CC1 323756	29.39 1.18 0.00	27.68 1.12 0.00	26.75 1.10 0.00	26.17 1.08 0.00	26.42 1.09 0.00	28.44 1.15 0.00	35.04 1.35 0.00	41.92 1.81 0.00	39.88 1.75 0.00	36.79 1.55 0.00	37.49 1.65 0.00	36.51 1.64 0.00	35.71 1.67 0.00	35.64 1.66 0.00	36.62 1.64 0.00	37.98 1.64 0.00	43.83 2.13 0.00	54.04 2.96 0.00	49.53 2.76 0.00	46.24 2.28 0.00	42.35 1.86 0.00	41.25 1.74 0.00	38.37 1.40 0.00	37.24 1.29 0.00
CRICKET___VALLEY_CC2 323757	29.39 1.18 0.00	27.68 1.12 0.00	26.75 1.10 0.00	26.17 1.08 0.00	26.42 1.09 0.00	28.44 1.15 0.00	35.04 1.35 0.00	41.92 1.81 0.00	39.88 1.75 0.00	36.79 1.55 0.00	37.49 1.65 0.00	36.51 1.64 0.00	35.71 1.67 0.00	35.64 1.66 0.00	36.62 1.64 0.00	37.98 1.64 0.00	43.83 2.13 0.00	54.04 2.96 0.00	49.53 2.76 0.00	46.24 2.28 0.00	42.35 1.86 0.00	41.25 1.74 0.00	38.37 1.40 0.00	37.24 1.29 0.00
CRICKET___VALLEY_CC3 323758	29.39 1.18 0.00	27.68 1.12 0.00	26.75 1.10 0.00	26.17 1.08 0.00	26.42 1.09 0.00	28.44 1.15 0.00	35.04 1.35 0.00	41.92 1.81 0.00	39.88 1.75 0.00	36.79 1.55 0.00	37.49 1.65 0.00	36.51 1.64 0.00	35.71 1.67 0.00	35.64 1.66 0.00	36.62 1.64 0.00	37.98 1.64 0.00	43.83 2.13 0.00	54.04 2.96 0.00	49.53 2.76 0.00	46.24 2.28 0.00	42.35 1.86 0.00	41.25 1.74 0.00	38.37 1.40 0.00	37.24 1.29 0.00
CRUCIBLE_METL_DRP 24180	27.78 -0.42 0.00	26.19 -0.37 0.00	25.26 -0.38 0.00	24.69 -0.40 0.00	24.93 -0.41 0.00	26.91 -0.38 0.00	33.25 -0.44 0.00	39.63 -0.48 0.00	37.63 -0.50 0.00	34.79 -0.46 0.00	35.41 -0.43 0.00	34.49 -0.38 0.00	33.63 -0.41 0.00	33.57 -0.41 0.00	34.56 -0.42 0.00	35.91 -0.44 0.00	41.29 -0.42 0.00	50.98 -0.10 0.00	46.54 -0.23 0.00	43.65 -0.31 0.00	40.04 -0.45 0.00	39.08 -0.43 0.00	36.52 -0.44 0.00	35.55 -0.40 0.00
DAHOWA___HYDRO 323763	29.75 1.55 0.00	28.03 1.46 0.00	27.08 1.44 0.00	26.50 1.40 0.00	26.73 1.39 0.00	28.82 1.53 0.00	35.81 2.12 0.00	42.52 2.41 0.00	40.49 2.36 0.00	37.29 2.04 0.00	37.92 2.08 0.00	36.96 2.09 0.00	35.91 1.87 0.00	35.77 1.80 0.00	36.90 1.92 0.00	38.42 2.07 0.00	44.38 2.67 0.00	54.80 3.73 0.00	50.42 3.65 0.00	47.12 3.17 0.00	43.40 2.92 0.00	42.32 2.81 0.00	39.37 2.40 0.00	38.28 2.34 0.00
DANC___LFGE 323619	27.58 -0.62 0.00	26.01 -0.56 0.00	25.08 -0.56 0.00	24.52 -0.58 0.00	24.70 -0.63 0.00	26.67 -0.63 0.00	33.01 -0.67 0.00	39.39 -0.72 0.00	37.36 -0.76 0.00	34.57 -0.67 0.00	35.12 -0.72 0.00	34.17 -0.70 0.00	33.33 -0.72 0.00	33.30 -0.68 0.00	34.24 -0.74 0.00	35.80 -0.54 0.00	41.25 -0.46 0.00	50.98 -0.10 0.00	46.68 -0.09 0.00	43.82 -0.13 0.00	40.16 -0.33 0.00	39.20 -0.32 0.00	36.60 -0.37 0.00	35.51 -0.43 0.00
DANSKAMMER___1 23586	29.70 1.49 0.00	27.92 1.35 0.00	26.96 1.31 0.00	26.40 1.30 0.00	26.65 1.32 0.00	28.71 1.42 0.00	35.57 1.89 0.00	42.40 2.29 0.00	40.41 2.29 0.00	37.22 1.97 0.00	37.77 1.93 0.00	36.72 1.85 0.00	35.88 1.84 0.00	35.81 1.83 0.00	36.87 1.89 0.00	38.35 2.00 0.00	44.34 2.63 0.00	54.76 3.68 0.00	50.23 3.46 0.00	46.85 2.90 0.00	42.87 2.39 0.00	41.81 2.29 0.00	38.89 1.92 0.00	37.71 1.76 0.00
DANSKAMMER___2 23589	29.70 1.49 0.00	27.92 1.35 0.00	26.96 1.31 0.00	26.40 1.30 0.00	26.65 1.32 0.00	28.71 1.42 0.00	35.57 1.89 0.00	42.40 2.29 0.00	40.41 2.29 0.00	37.22 1.97 0.00	37.77 1.93 0.00	36.72 1.85 0.00	35.88 1.84 0.00	35.81 1.83 0.00	36.87 1.89 0.00	38.35 2.00 0.00	44.34 2.63 0.00	54.76 3.68 0.00	50.23 3.46 0.00	46.85 2.90 0.00	42.87 2.39 0.00	41.81 2.29 0.00	38.89 1.92 0.00	37.71 1.76 0.00
DANSKAMMER___3 23590	29.70 1.49 0.00	27.92 1.35 0.00	26.96 1.31 0.00	26.40 1.30 0.00	26.65 1.32 0.00	28.71 1.42 0.00	35.57 1.89 0.00	42.40 2.29 0.00	40.41 2.29 0.00	37.22 1.97 0.00	37.77 1.93 0.00	36.72 1.85 0.00	35.88 1.84 0.00	35.81 1.83 0.00	36.87 1.89 0.00	38.35 2.00 0.00	44.34 2.63 0.00	54.76 3.68 0.00	50.23 3.46 0.00	46.85 2.90 0.00	42.87 2.39 0.00	41.81 2.29 0.00	38.89 1.92 0.00	37.71 1.76 0.00

DANSKAMMER___4 23591	29.70 1.49 0.00	27.92 1.35 0.00	26.96 1.31 0.00	26.40 1.30 0.00	26.65 1.32 0.00	28.71 1.42 0.00	35.57 1.89 0.00	42.40 2.29 0.00	40.41 2.29 0.00	37.22 1.97 0.00	37.77 1.93 0.00	36.72 1.85 0.00	35.88 1.84 0.00	35.81 1.83 0.00	36.87 1.89 0.00	38.35 2.00 0.00	44.34 2.63 0.00	54.76 3.68 0.00	50.23 3.46 0.00	46.85 2.90 0.00	42.87 2.39 0.00	41.81 2.29 0.00	38.89 1.92 0.00	37.71 1.76 0.00
DANSKAMMER___DIESEL 23592	29.70 1.49 0.00	27.92 1.35 0.00	26.96 1.31 0.00	26.40 1.30 0.00	26.65 1.32 0.00	28.71 1.42 0.00	35.57 1.89 0.00	42.40 2.29 0.00	40.41 2.29 0.00	37.22 1.97 0.00	37.77 1.94 0.00	36.72 1.85 0.00	35.88 1.84 0.00	35.81 1.83 0.00	36.90 1.92 0.00	38.35 2.00 0.00	44.33 2.63 0.00	54.76 3.68 0.00	50.19 3.41 0.00	46.85 2.90 0.00	42.87 2.39 0.00	41.77 2.25 0.00	38.96 2.00 0.00	37.81 1.87 0.00
DARBY___SOLAR 323810	29.67 1.47 0.00	27.95 1.38 0.00	27.01 1.36 0.00	26.42 1.33 0.00	26.68 1.34 0.00	28.77 1.47 0.00	35.68 1.99 0.00	42.40 2.29 0.00	40.34 2.21 0.00	37.22 1.97 0.00	37.81 1.97 0.00	36.86 1.99 0.00	35.85 1.80 0.00	35.74 1.77 0.00	36.83 1.85 0.00	38.35 2.00 0.00	44.25 2.54 0.00	54.55 3.48 0.00	50.18 3.41 0.00	46.90 2.95 0.00	43.20 2.71 0.00	42.16 2.65 0.00	39.22 2.26 0.00	38.14 2.19 0.00
DASHVILLE___HYD 23610	29.47 1.27 0.00	27.68 1.12 0.00	26.73 1.08 0.00	26.17 1.08 0.00	26.42 1.09 0.00	28.47 1.17 0.00	35.20 1.52 0.00	42.00 1.89 0.00	39.95 1.83 0.00	36.83 1.59 0.00	37.38 1.54 0.00	36.30 1.43 0.00	35.47 1.43 0.00	35.40 1.43 0.00	36.45 1.47 0.00	37.87 1.53 0.00	43.79 2.09 0.00	54.09 3.01 0.00	49.53 2.76 0.00	46.24 2.29 0.00	42.27 1.78 0.00	41.25 1.74 0.00	38.52 1.55 0.00	37.42 1.47 0.00
DEERFIELD_69_KV_DEERFIELD LD 355887	34.38 3.41 -2.77	32.17 3.06 -2.55	30.74 2.95 -2.14	30.41 2.94 -2.38	31.25 2.96 -2.95	34.58 3.41 -3.88	40.95 4.41 -2.85	47.73 5.74 -1.88	45.56 5.38 -2.06	39.83 4.58 0.00	40.50 4.66 0.00	39.12 4.25 0.00	38.03 3.98 0.00	38.05 4.08 0.00	39.07 4.09 0.00	40.60 4.25 0.00	48.05 6.34 0.00	60.57 8.33 -1.17	55.20 7.58 -0.85	53.10 6.90 -2.25	50.88 6.03 -4.36	44.49 4.98 0.00	41.51 4.55 0.00	40.08 4.13 0.00
DELAWARE___LFGE 323621	29.05 0.85 0.00	27.36 0.80 0.00	26.42 0.77 0.00	25.85 0.75 0.00	26.10 0.76 0.00	28.17 0.87 0.00	34.87 1.18 0.00	41.64 1.52 0.00	39.54 1.41 0.00	36.55 1.30 0.00	37.17 1.33 0.00	36.13 1.26 0.00	35.27 1.23 0.00	35.20 1.22 0.00	36.27 1.29 0.00	37.66 1.31 0.00	43.33 1.63 0.00	53.48 2.40 0.00	48.97 2.20 0.00	45.84 1.89 0.00	41.98 1.50 0.00	41.02 1.50 0.00	38.26 1.29 0.00	37.17 1.22 0.00
DERFIELD_115KV_TB7 355931	28.34 0.14 0.00	26.70 0.13 0.00	25.78 0.13 0.00	25.22 0.13 0.00	25.46 0.13 0.00	27.46 0.16 0.00	33.89 0.20 0.00	40.39 0.28 0.00	38.39 0.27 0.00	35.46 0.21 0.00	36.05 0.22 0.00	35.08 0.21 0.00	34.25 0.20 0.00	34.18 0.20 0.00	35.22 0.24 0.00	36.60 0.25 0.00	42.08 0.38 0.00	51.64 0.56 0.00	47.29 0.51 0.00	44.39 0.44 0.00	40.81 0.32 0.00	39.83 0.32 0.00	37.23 0.26 0.00	36.20 0.25 0.00
DOGLEVILLE___HYD 23807	28.93 0.73 0.00	27.26 0.69 0.00	26.32 0.67 0.00	25.75 0.65 0.00	25.97 0.63 0.00	28.00 0.71 0.00	34.53 0.84 0.00	41.19 1.08 0.00	39.08 0.95 0.00	36.09 0.84 0.00	36.66 0.82 0.00	35.67 0.80 0.00	34.79 0.75 0.00	34.72 0.75 0.00	35.78 0.81 0.00	37.18 0.84 0.00	42.79 1.08 0.00	52.61 1.53 0.00	48.17 1.40 0.00	45.18 1.23 0.00	41.53 1.05 0.00	40.70 1.18 0.00	37.97 1.00 0.00	36.95 1.01 0.00
DUNKIRK___115KV_TB_200 55889	27.36 -0.85 0.00	25.58 -0.98 0.00	24.70 -0.95 0.00	23.97 -1.13 0.00	24.25 -1.09 0.00	26.34 -0.96 0.00	32.14 -1.55 0.00	37.70 -2.41 0.00	35.49 -2.63 0.00	32.88 -2.36 0.00	33.51 -2.33 0.00	32.81 -2.06 0.00	32.14 -1.91 0.00	32.14 -1.83 0.00	32.98 -1.99 0.00	34.17 -2.18 0.00	39.33 -2.38 0.00	49.29 -1.79 0.00	44.71 -2.06 0.00	41.67 -2.29 0.00	37.97 -2.51 0.00	37.26 -2.25 0.00	34.97 -2.00 0.00	34.47 -1.47 0.00
DUNKIRK___1 23563	27.36 -0.85 0.00	25.58 -0.98 0.00	24.70 -0.95 0.00	23.97 -1.13 0.00	24.25 -1.09 0.00	26.34 -0.96 0.00	32.14 -1.55 0.00	37.70 -2.41 0.00	35.49 -2.63 0.00	32.88 -2.36 0.00	33.51 -2.33 0.00	32.81 -2.06 0.00	32.14 -1.91 0.00	32.14 -1.83 0.00	32.98 -1.99 0.00	34.17 -2.18 0.00	39.33 -2.38 0.00	49.29 -1.79 0.00	44.71 -2.06 0.00	41.67 -2.29 0.00	37.97 -2.51 0.00	37.26 -2.25 0.00	34.97 -2.00 0.00	34.47 -1.47 0.00
DUNKIRK___2 23564	27.36 -0.85 0.00	25.58 -0.98 0.00	24.70 -0.95 0.00	23.97 -1.13 0.00	24.25 -1.09 0.00	26.34 -0.96 0.00	32.14 -1.55 0.00	37.70 -2.41 0.00	35.49 -2.63 0.00	32.88 -2.36 0.00	33.51 -2.33 0.00	32.81 -2.06 0.00	32.14 -1.91 0.00	32.14 -1.83 0.00	32.98 -1.99 0.00	34.17 -2.18 0.00	39.33 -2.38 0.00	49.29 -1.79 0.00	44.71 -2.06 0.00	41.67 -2.29 0.00	37.97 -2.51 0.00	37.26 -2.25 0.00	34.97 -2.00 0.00	34.47 -1.47 0.00
DUNKIRK___3 23565	27.24 -0.96 0.00	25.50 -1.06 0.00	24.62 -1.03 0.00	23.86 -1.23 0.00	24.17 -1.17 0.00	26.26 -1.04 0.00	32.04 -1.65 0.00	37.54 -2.57 0.00	35.34 -2.78 0.00	32.71 -2.54 0.00	33.33 -2.51 0.00	32.64 -2.23 0.00	31.97 -2.08 0.00	31.97 -2.00 0.00	32.81 -2.17 0.00	33.99 -2.36 0.00	39.08 -2.63 0.00	48.98 -2.09 0.00	44.43 -2.34 0.00	41.40 -2.55 0.00	37.77 -2.71 0.00	37.03 -2.49 0.00	34.75 -2.22 0.00	34.29 -1.65 0.00
DUNKIRK___4 23566	27.24 -0.96 0.00	25.50 -1.06 0.00	24.62 -1.03 0.00	23.86 -1.23 0.00	24.17 -1.17 0.00	26.26 -1.04 0.00	32.04 -1.65 0.00	37.54 -2.57 0.00	35.34 -2.78 0.00	32.71 -2.54 0.00	33.33 -2.51 0.00	32.64 -2.23 0.00	31.97 -2.08 0.00	31.97 -2.00 0.00	32.81 -2.17 0.00	33.99 -2.36 0.00	39.08 -2.63 0.00	48.98 -2.09 0.00	44.43 -2.34 0.00	41.40 -2.55 0.00	37.77 -2.71 0.00	37.03 -2.49 0.00	34.75 -2.22 0.00	34.29 -1.65 0.00
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	29.70 1.49 0.00	27.92 1.35 0.00	26.98 1.33 0.00	26.45 1.36 0.00	26.70 1.37 0.00	28.77 1.47 0.00	35.61 1.92 0.00	42.76 2.65 0.00	40.68 2.55 0.00	37.57 2.33 0.00	38.20 2.37 0.00	37.14 2.27 0.00	36.26 2.21 0.00	36.22 2.24 0.00	37.25 2.27 0.00	38.64 2.29 0.00	44.71 3.00 0.00	55.24 4.14 -0.02	50.58 3.79 -0.02	47.16 3.21 0.00	43.07 2.59 0.00	41.89 2.37 0.00	39.07 2.11 0.00	37.78 1.83 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	29.44 1.24 0.00	27.68 1.12 0.00	26.73 1.08 0.00	26.20 1.10 0.00	26.45 1.11 0.00	28.52 1.23 0.00	35.27 1.58 0.00	42.12 2.01 0.00	40.11 1.98 0.00	36.97 1.73 0.00	37.56 1.72 0.00	36.51 1.64 0.00	35.64 1.60 0.00	35.57 1.60 0.00	36.62 1.64 0.00	38.06 1.71 0.00	43.96 2.25 0.00	54.30 3.22 0.00	49.72 2.95 0.00	46.46 2.51 0.00	42.51 2.02 0.00	41.41 1.90 0.00	38.63 1.66 0.00	37.49 1.55 0.00

E179THST_138_KV_TB4_REV_LBMP_J 345001	30.07 1.86 -0.01	28.30 1.73 -0.01	27.35 1.69 -0.01	26.81 1.71 -0.01	27.07 1.72 -0.01	29.18 1.88 0.00	35.98 2.29 0.00	42.92 2.81 0.00	40.79 2.67 0.00	37.75 2.50 0.00	38.35 2.51 0.00	37.28 2.41 0.00	36.39 2.35 0.00	36.35 2.38 0.00	37.44 2.45 -0.02	38.82 2.47 0.00	44.89 3.17 -0.02	55.54 4.44 -0.01	50.81 4.02 -0.01	47.38 3.43 0.00	43.07 2.59 0.00	42.08 2.57 0.00	39.56 2.59 -0.01	38.25 2.30 -0.01
E179THST_13_KV_LOAD 356214	30.18 1.97 -0.01	28.41 1.83 -0.01	27.43 1.77 -0.01	26.88 1.78 -0.01	27.14 1.80 -0.01	29.26 1.97 0.00	36.11 2.43 0.00	43.12 3.01 0.00	40.98 2.86 0.00	37.92 2.68 0.00	38.49 2.65 0.00	37.42 2.55 0.00	36.53 2.49 0.00	36.49 2.51 0.00	37.62 2.62 -0.02	39.00 2.65 0.00	45.14 3.42 -0.02	55.79 4.70 -0.01	51.04 4.26 -0.01	47.65 3.69 0.00	43.28 2.79 0.00	42.28 2.77 0.00	39.71 2.74 -0.01	38.40 2.44 -0.01
EAST HAMPTON___GT 23717	34.72 3.75 -2.77	32.46 3.35 -2.55	31.00 3.21 -2.14	30.69 3.21 -2.38	31.56 3.27 -2.95	34.94 3.77 -3.88	41.42 4.88 -2.85	48.17 6.17 -1.88	46.06 5.87 -2.06	40.14 4.90 0.00	40.79 4.95 0.00	39.26 4.39 0.00	38.19 4.15 0.00	38.22 4.25 0.00	39.21 4.23 0.00	40.78 4.43 0.00	48.21 6.50 0.00	60.98 8.73 -1.17	55.62 8.00 -0.85	53.54 7.34 -2.25	51.32 6.48 -4.36	44.73 5.22 0.00	41.22 4.25 0.00	40.04 4.10 0.00
EAST RIVER___6 23660	29.81 1.61 0.00	27.97 1.41 0.00	27.03 1.38 0.00	26.50 1.40 0.00	26.75 1.42 0.00	28.85 1.56 0.00	35.71 2.02 0.00	42.96 2.85 0.00	40.91 2.78 0.00	37.82 2.57 0.00	38.42 2.58 0.00	37.35 2.48 0.00	36.49 2.45 0.00	36.45 2.48 0.00	37.51 2.52 -0.01	38.93 2.58 0.00	45.10 3.38 -0.01	55.69 4.60 -0.01	51.00 4.21 -0.01	47.47 3.52 0.00	43.20 2.71 0.00	42.08 2.57 0.00	39.11 2.14 0.00	37.71 1.76 0.00
EAST RIVER___7 23524	29.81 1.61 0.00	27.97 1.41 0.00	27.03 1.38 0.00	26.50 1.40 0.00	26.75 1.42 0.00	28.85 1.56 0.00	35.71 2.02 0.00	42.96 2.85 0.00	40.91 2.78 0.00	37.82 2.57 0.00	38.42 2.58 0.00	37.35 2.48 0.00	36.49 2.45 0.00	36.45 2.48 0.00	37.51 2.52 -0.01	38.93 2.58 0.00	45.10 3.38 -0.01	55.69 4.60 -0.01	51.00 4.21 -0.01	47.47 3.52 0.00	43.20 2.71 0.00	42.08 2.57 0.00	39.11 2.14 0.00	37.71 1.76 0.00
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	29.67 1.47 0.00	27.89 1.33 0.00	26.96 1.31 0.00	26.42 1.33 0.00	26.68 1.34 0.00	28.74 1.45 0.00	35.54 1.85 0.00	42.72 2.61 0.00	40.60 2.48 0.00	37.50 2.26 0.00	38.13 2.29 0.00	37.07 2.20 0.00	36.19 2.14 0.00	36.11 2.14 0.00	37.18 2.20 0.00	38.57 2.22 0.00	44.63 2.92 0.00	55.12 4.04 -0.01	50.47 3.69 -0.01	47.07 3.12 0.00	42.99 2.51 0.00	41.81 2.29 0.00	39.00 2.03 0.00	37.74 1.80 0.00
EAST_HAMPTON___DIESEL 23722	34.72 3.75 -2.77	32.49 3.37 -2.55	31.02 3.23 -2.14	30.72 3.24 -2.38	31.56 3.27 -2.95	34.94 3.77 -3.88	41.42 4.88 -2.85	48.17 6.17 -1.88	46.10 5.91 -2.06	40.14 4.90 0.00	40.79 4.95 0.00	39.26 4.39 0.00	38.19 4.15 0.00	38.22 4.25 0.00	39.21 4.23 0.00	40.78 4.43 0.00	48.21 6.50 0.00	60.98 8.73 -1.17	55.62 8.00 -0.85	53.54 7.34 -2.25	51.32 6.48 -4.36	44.73 5.22 0.00	41.22 4.25 0.00	40.04 4.10 0.00
EAST_PULASKI___ESR 323781	27.50 -0.71 0.00	25.90 -0.66 0.00	25.01 -0.64 0.00	24.44 -0.65 0.00	24.63 -0.71 0.00	26.59 -0.71 0.00	32.85 -0.84 0.00	39.19 -0.92 0.00	37.21 -0.92 0.00	34.43 -0.81 0.00	34.98 -0.86 0.00	34.07 -0.80 0.00	33.26 -0.78 0.00	33.19 -0.78 0.00	34.14 -0.84 0.00	35.58 -0.76 0.00	40.91 -0.79 0.00	50.52 -0.56 0.00	46.21 -0.56 0.00	43.38 -0.57 0.00	39.76 -0.73 0.00	38.84 -0.67 0.00	36.26 -0.70 0.00	35.23 -0.72 0.00
EAST_RIVER___1 323558	29.84 1.64 0.00	28.03 1.46 0.00	27.08 1.44 0.00	26.55 1.45 0.00	26.80 1.47 0.00	28.90 1.61 0.00	35.71 2.02 0.00	42.96 2.85 0.00	40.87 2.75 0.00	37.75 2.50 0.00	38.38 2.54 0.00	37.31 2.44 0.00	36.46 2.42 0.00	36.42 2.45 0.00	37.47 2.48 -0.01	38.89 2.54 0.00	45.01 3.29 -0.01	55.59 4.50 -0.01	50.90 4.12 -0.01	47.42 3.47 0.00	43.20 2.71 0.00	42.08 2.57 0.00	39.15 2.18 0.00	37.74 1.80 0.00
EAST_RIVER___2 323559	29.81 1.61 0.00	27.97 1.41 0.00	27.03 1.38 0.00	26.50 1.40 0.00	26.75 1.42 0.00	28.85 1.56 0.00	35.71 2.02 0.00	42.96 2.85 0.00	40.91 2.78 0.00	37.82 2.57 0.00	38.42 2.58 0.00	37.35 2.48 0.00	36.49 2.45 0.00	36.45 2.48 0.00	37.51 2.52 -0.01	38.93 2.58 0.00	45.10 3.38 -0.01	55.69 4.60 -0.01	51.00 4.21 -0.01	47.47 3.52 0.00	43.20 2.71 0.00	42.08 2.57 0.00	39.11 2.14 0.00	37.71 1.76 0.00
EAST___DELAWARE_HYD 23607	29.41 1.21 0.00	27.63 1.06 0.00	26.65 1.00 0.00	26.12 1.03 0.00	26.37 1.04 0.00	28.47 1.17 0.00	35.34 1.65 0.00	42.00 1.89 0.00	40.03 1.91 0.00	36.87 1.62 0.00	37.34 1.50 0.00	36.27 1.40 0.00	35.44 1.40 0.00	34.48 0.51 0.00	35.54 0.56 0.00	37.00 0.65 0.00	42.83 1.13 0.00	52.97 1.89 0.00	48.55 1.78 0.00	45.32 1.36 0.00	41.42 0.93 0.00	41.49 1.97 0.00	38.59 1.62 0.00	37.42 1.47 0.00
EIGHT_POINT___WT_PWR 323820	28.03 -0.17 0.00	26.30 -0.27 0.00	25.39 -0.26 0.00	24.64 -0.45 0.00	24.88 -0.46 0.00	26.91 -0.38 0.00	32.91 -0.77 0.00	38.75 -1.36 0.00	36.49 -1.64 0.00	33.73 -1.51 0.00	34.26 -1.58 0.00	33.47 -1.40 0.00	32.71 -1.33 0.00	32.68 -1.29 0.00	33.61 -1.36 0.00	34.89 -1.46 0.00	40.12 -1.58 0.00	50.31 -0.76 0.00	45.74 -1.03 0.00	42.86 -1.10 0.00	39.23 -1.26 0.00	38.37 -1.15 0.00	36.49 -0.48 0.00	35.94 0.00 0.00
ELBRIDGE_115KV_TB2 80188	27.67 -0.54 0.00	26.06 -0.50 0.00	25.14 -0.51 0.00	24.57 -0.53 0.00	24.80 -0.53 0.00	26.78 -0.52 0.00	33.08 -0.61 0.00	39.39 -0.72 0.00	37.40 -0.72 0.00	34.58 -0.67 0.00	35.16 -0.68 0.00	34.24 -0.63 0.00	33.43 -0.61 0.00	33.36 -0.61 0.00	34.35 -0.63 0.00	35.69 -0.65 0.00	41.04 -0.67 0.00	50.67 -0.41 0.00	46.26 -0.51 0.00	43.38 -0.57 0.00	39.80 -0.69 0.00	38.84 -0.67 0.00	36.30 -0.67 0.00	35.33 -0.61 0.00
ELEC_TRO_TEK 24086	32.92 1.95 -2.77	30.90 1.78 -2.55	29.51 1.72 -2.14	29.21 1.73 -2.38	30.03 1.75 -2.95	33.08 1.91 -3.87	38.93 2.39 -2.85	45.24 3.25 -1.88	43.27 3.09 -2.06	37.99 2.75 0.00	38.63 2.80 0.00	37.38 2.51 0.00	36.43 2.38 0.00	36.39 2.41 0.00	37.39 2.41 0.00	38.78 2.44 0.00	45.25 3.55 0.00	57.15 4.90 -1.17	52.11 4.49 -0.85	50.07 3.87 -2.25	48.00 3.16 -4.36	42.32 2.81 0.00	39.41 2.44 0.00	38.06 2.12 0.00
ELLENBURG_WT_PWR 323604	29.08 0.88 0.00	27.42 0.85 0.00	26.39 0.74 0.00	25.80 0.70 0.00	26.07 0.74 0.00	27.70 0.41 0.00	34.16 0.47 0.00	39.99 -0.12 0.00	37.82 -0.31 0.00	35.46 0.21 0.00	35.80 -0.04 0.00	34.66 -0.21 0.00	33.87 -0.17 0.00	33.74 -0.24 0.00	34.70 -0.28 0.00	36.17 -0.18 0.00	40.75 -0.96 0.00	49.39 -1.68 0.00	45.46 -1.31 0.00	43.03 -0.93 0.00	40.00 -0.48 0.00	39.16 -0.36 0.00	37.30 0.33 0.00	36.20 0.25 0.00

ELM_ST_23_KV_LD_REV_LBMP_A 345012	26.76 -1.44 0.00	25.05 -1.51 0.00	24.19 -1.46 0.00	23.46 -1.63 0.00	23.74 -1.60 0.00	25.79 -1.50 0.00	31.40 -2.29 0.00	36.70 -3.41 0.00	34.66 -3.47 0.00	32.11 -3.14 0.00	32.69 -3.15 0.00	31.98 -2.89 0.00	31.28 -2.76 0.00	31.29 -2.68 0.00	32.11 -2.87 0.00	33.26 -3.09 0.00	38.24 -3.46 0.00	47.81 -3.27 0.00	43.40 -3.37 0.00	40.48 -3.47 0.00	36.96 -3.52 0.00	36.28 -3.24 0.00	34.05 -2.92 0.00	33.61 -2.34 0.00
EMPIRE_CC_1 323656	29.02 0.82 0.00	27.34 0.77 0.00	26.45 0.80 0.00	25.87 0.78 0.00	26.12 0.79 0.00	28.11 0.82 0.00	34.63 0.94 0.00	41.19 1.08 0.00	39.19 1.07 0.00	36.16 0.91 0.00	36.95 1.11 0.00	35.95 1.08 0.00	35.06 1.02 0.00	34.96 0.99 0.00	36.03 1.05 0.00	37.36 1.02 0.00	43.00 1.29 0.00	52.76 1.68 0.00	48.41 1.64 0.00	45.27 1.32 0.00	41.78 1.30 0.00	40.74 1.23 0.00	37.93 0.96 0.00	37.09 1.15 0.00
EMPIRE_CC_2 323658	29.02 0.82 0.00	27.34 0.77 0.00	26.45 0.80 0.00	25.87 0.78 0.00	26.12 0.79 0.00	28.11 0.82 0.00	34.63 0.94 0.00	41.19 1.08 0.00	39.19 1.07 0.00	36.16 0.91 0.00	36.95 1.11 0.00	35.95 1.08 0.00	35.06 1.02 0.00	34.96 0.99 0.00	36.03 1.05 0.00	37.36 1.02 0.00	43.00 1.29 0.00	52.76 1.68 0.00	48.41 1.64 0.00	45.27 1.32 0.00	41.78 1.30 0.00	40.74 1.23 0.00	37.93 0.96 0.00	37.09 1.15 0.00
ENORWICH_115KV_TB1 80156	30.29 2.09 0.00	28.59 2.02 0.00	27.55 1.90 0.00	26.90 1.81 0.00	27.13 1.80 0.00	29.48 2.18 0.00	36.79 3.10 0.00	43.96 3.85 0.00	41.67 3.55 0.00	38.45 3.21 0.00	38.85 3.01 0.00	37.76 2.89 0.00	36.87 2.83 0.00	36.76 2.79 0.00	37.92 2.94 0.00	39.58 3.23 0.00	45.92 4.21 0.00	57.26 6.18 0.00	52.34 5.57 0.00	49.14 5.19 0.00	44.73 4.25 0.00	43.70 4.19 0.00	40.55 3.59 0.00	39.39 3.45 0.00
ERIE_ST__34_KV_TB1-2 80199	27.33 -0.87 0.00	25.58 -0.98 0.00	24.70 -0.95 0.00	23.97 -1.13 0.00	24.25 -1.09 0.00	26.37 -0.93 0.00	32.17 -1.52 0.00	37.66 -2.45 0.00	35.46 -2.67 0.00	32.85 -2.40 0.00	33.44 -2.40 0.00	32.71 -2.16 0.00	32.03 -2.01 0.00	32.04 -1.94 0.00	32.88 -2.10 0.00	34.06 -2.29 0.00	39.16 -2.54 0.00	49.09 -1.99 0.00	44.57 -2.20 0.00	41.49 -2.46 0.00	37.85 -2.63 0.00	37.10 -2.41 0.00	34.82 -2.14 0.00	34.40 -1.55 0.00
ERIE_WT_PWR 323693	27.04 -1.16 0.00	25.29 -1.27 0.00	24.44 -1.21 0.00	23.71 -1.38 0.00	23.99 -1.34 0.00	26.07 -1.23 0.00	31.77 -1.92 0.00	37.26 -2.85 0.00	35.04 -3.09 0.00	32.56 -2.68 0.00	33.08 -2.76 0.00	32.36 -2.51 0.00	31.63 -2.42 0.00	31.63 -2.34 0.00	32.46 -2.52 0.00	33.58 -2.76 0.00	38.58 -3.13 0.00	48.32 -2.76 0.00	43.78 -2.99 0.00	40.88 -3.08 0.00	37.33 -3.16 0.00	36.55 -2.96 0.00	34.82 -2.15 0.00	34.51 -1.44 0.00
ESPRGFLD_115KV_TB1 80157	29.50 1.30 0.00	27.84 1.28 0.00	26.85 1.21 0.00	26.27 1.18 0.00	26.53 1.19 0.00	28.71 1.42 0.00	35.61 1.92 0.00	42.44 2.33 0.00	40.34 2.21 0.00	37.22 1.97 0.00	37.74 1.90 0.00	36.75 1.88 0.00	35.81 1.77 0.00	35.74 1.77 0.00	36.87 1.89 0.00	38.42 2.07 0.00	44.33 2.63 0.00	54.86 3.78 0.00	50.33 3.55 0.00	47.12 3.16 0.00	43.16 2.67 0.00	42.24 2.73 0.00	39.26 2.29 0.00	38.06 2.12 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	28.54 0.34 0.00	26.89 0.32 0.00	25.93 0.28 0.00	25.32 0.23 0.00	25.56 0.23 0.00	27.68 0.38 0.00	34.26 0.57 0.00	40.83 0.72 0.00	38.74 0.61 0.00	35.74 0.49 0.00	36.27 0.43 0.00	35.36 0.49 0.00	34.48 0.44 0.00	34.38 0.41 0.00	35.40 0.42 0.00	36.86 0.51 0.00	42.54 0.83 0.00	52.71 1.63 0.00	48.13 1.36 0.00	45.10 1.14 0.00	41.29 0.81 0.00	40.31 0.79 0.00	37.63 0.67 0.00	36.63 0.68 0.00
ETNA____115KV_TB2 80207	28.54 0.34 0.00	26.89 0.32 0.00	25.93 0.28 0.00	25.32 0.23 0.00	25.56 0.23 0.00	27.68 0.38 0.00	34.26 0.57 0.00	40.83 0.72 0.00	38.74 0.61 0.00	35.74 0.49 0.00	36.27 0.43 0.00	35.36 0.49 0.00	34.48 0.44 0.00	34.38 0.41 0.00	35.40 0.42 0.00	36.86 0.51 0.00	42.54 0.83 0.00	52.71 1.63 0.00	48.13 1.36 0.00	45.10 1.14 0.00	41.29 0.81 0.00	40.31 0.79 0.00	37.63 0.67 0.00	36.63 0.68 0.00
EUCLID__115KV_TB2 356179	27.50 -0.71 0.00	25.90 -0.66 0.00	25.01 -0.64 0.00	24.42 -0.68 0.00	24.68 -0.66 0.00	26.61 -0.68 0.00	32.85 -0.84 0.00	39.11 -1.00 0.00	37.13 -0.99 0.00	34.33 -0.92 0.00	34.94 -0.90 0.00	34.00 -0.87 0.00	33.19 -0.85 0.00	33.13 -0.85 0.00	34.10 -0.87 0.00	35.44 -0.91 0.00	40.75 -0.96 0.00	50.21 -0.87 0.00	45.88 -0.89 0.00	43.03 -0.92 0.00	39.47 -1.01 0.00	38.53 -0.99 0.00	36.01 -0.96 0.00	35.05 -0.90 0.00
E_CANADA_CAP_HY 24051	29.72 1.52 0.00	28.08 1.51 0.00	27.11 1.46 0.00	26.52 1.43 0.00	26.78 1.44 0.00	28.96 1.67 0.00	35.91 2.22 0.00	42.68 2.57 0.00	40.57 2.44 0.00	37.36 2.11 0.00	37.84 2.01 0.00	36.93 2.06 0.00	35.95 1.91 0.00	35.88 1.90 0.00	37.01 2.03 0.00	38.64 2.29 0.00	44.62 2.92 0.00	55.31 4.24 0.00	50.84 4.07 0.00	47.56 3.60 0.00	43.68 3.20 0.00	42.87 3.36 0.00	39.81 2.85 0.00	38.57 2.62 0.00
E_CANADA_MHWK_HY 24050	28.93 0.73 0.00	27.26 0.69 0.00	26.32 0.67 0.00	25.75 0.65 0.00	25.97 0.63 0.00	28.00 0.71 0.00	34.53 0.84 0.00	41.19 1.08 0.00	39.08 0.95 0.00	36.09 0.84 0.00	36.66 0.82 0.00	35.67 0.80 0.00	34.79 0.75 0.00	34.72 0.75 0.00	35.78 0.81 0.00	37.18 0.84 0.00	42.79 1.08 0.00	52.61 1.53 0.00	48.17 1.40 0.00	45.18 1.23 0.00	41.53 1.05 0.00	40.70 1.18 0.00	37.97 1.00 0.00	36.95 1.01 0.00
E_FISHKILL__LBMP 23776	29.47 1.27 0.00	27.74 1.17 0.00	26.80 1.15 0.00	26.25 1.15 0.00	26.48 1.14 0.00	28.52 1.23 0.00	35.24 1.55 0.00	42.24 2.13 0.00	40.15 2.02 0.00	37.08 1.83 0.00	37.70 1.86 0.00	36.68 1.81 0.00	35.81 1.77 0.00	35.74 1.77 0.00	36.80 1.82 0.00	38.17 1.82 0.00	44.08 2.38 0.00	54.40 3.32 0.00	49.81 3.04 0.00	46.50 2.55 0.00	42.55 2.06 0.00	41.41 1.90 0.00	38.67 1.70 0.00	37.49 1.55 0.00
FALCON__SEABRD_CC1 323796	29.47 1.27 0.00	27.82 1.25 0.00	26.75 1.10 0.00	26.15 1.05 0.00	26.45 1.11 0.00	27.95 0.65 0.00	34.46 0.78 0.00	40.07 -0.04 0.00	37.86 -0.27 0.00	35.74 0.49 0.00	36.09 0.25 0.00	34.94 0.07 0.00	34.11 0.07 0.00	33.97 0.00 0.00	34.94 -0.03 0.00	36.46 0.11 0.00	40.79 -0.92 0.00	49.49 -1.58 0.00	45.60 -1.17 0.00	43.12 -0.84 0.00	40.08 -0.40 0.00	39.24 -0.27 0.00	37.60 0.63 0.00	36.48 0.54 0.00
FALCON__SEABRD_CC2 323797	29.47 1.27 0.00	27.82 1.25 0.00	26.75 1.10 0.00	26.15 1.05 0.00	26.45 1.11 0.00	27.95 0.65 0.00	34.46 0.78 0.00	40.07 -0.04 0.00	37.86 -0.27 0.00	35.74 0.49 0.00	36.09 0.25 0.00	34.94 0.07 0.00	34.11 0.07 0.00	33.97 0.00 0.00	34.94 -0.03 0.00	36.46 0.11 0.00	40.79 -0.92 0.00	49.49 -1.58 0.00	45.60 -1.17 0.00	43.12 -0.84 0.00	40.08 -0.40 0.00	39.24 -0.27 0.00	37.60 0.63 0.00	36.48 0.54 0.00

FAR ROCKAWAY___4 23548	33.28 2.31 -2.77	31.19 2.07 -2.55	29.82 2.03 -2.14	29.51 2.03 -2.38	30.31 2.03 -2.95	33.41 2.24 -3.87	39.36 2.83 -2.85	45.76 3.77 -1.88	43.77 3.58 -2.06	38.45 3.21 0.00	39.10 3.26 0.00	37.83 2.96 0.00	36.87 2.83 0.00	36.83 2.85 0.00	37.85 2.87 0.00	39.26 2.91 0.00	45.92 4.21 0.00	57.45 5.21 -1.17	52.39 4.77 -0.85	50.33 4.13 -2.25	48.69 3.85 -4.36	42.95 3.44 0.00	39.96 2.99 0.00	38.57 2.62 0.00
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	29.87 1.66 0.00	28.08 1.51 0.00	27.11 1.46 0.00	26.58 1.48 0.00	26.83 1.49 0.00	28.93 1.64 0.00	35.74 2.05 0.00	43.00 2.89 0.00	40.91 2.78 0.00	37.82 2.57 0.00	38.42 2.58 0.00	37.35 2.48 0.00	36.49 2.45 0.00	36.45 2.48 0.00	37.51 2.52 -0.01	38.89 2.54 0.00	45.06 3.34 -0.01	55.59 4.49 -0.01	50.90 4.12 -0.01	47.47 3.52 0.00	43.24 2.75 0.00	42.04 2.53 0.00	39.30 2.33 0.00	37.96 2.01 0.00
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	29.87 1.66 0.00	28.08 1.51 0.00	27.11 1.46 0.00	26.58 1.48 0.00	26.83 1.49 0.00	28.93 1.64 0.00	35.78 2.09 0.00	43.04 2.93 0.00	40.91 2.78 0.00	37.82 2.57 0.00	38.46 2.62 0.00	37.35 2.48 0.00	36.49 2.45 0.00	36.45 2.48 0.00	37.51 2.52 -0.01	38.89 2.54 0.00	45.06 3.34 -0.01	55.59 4.49 -0.01	50.90 4.12 -0.01	47.47 3.52 0.00	43.24 2.75 0.00	42.04 2.53 0.00	39.30 2.33 0.00	37.99 2.05 0.00
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	29.87 1.66 0.00	28.05 1.49 0.00	27.09 1.44 0.00	26.58 1.48 0.00	26.83 1.49 0.00	28.91 1.61 0.00	35.74 2.05 0.00	43.00 2.89 0.00	40.87 2.74 0.00	37.78 2.54 0.00	38.42 2.58 0.00	37.35 2.48 0.00	36.46 2.42 0.00	36.42 2.45 0.00	37.51 2.52 -0.01	38.86 2.51 0.00	45.01 3.29 -0.01	55.53 4.44 -0.01	50.85 4.07 -0.01	47.43 3.47 0.00	43.20 2.71 0.00	42.04 2.53 0.00	39.26 2.29 0.00	37.96 2.01 0.00
FARRAGUT___LBMP 323566	29.84 1.64 0.00	28.03 1.46 0.00	27.09 1.44 0.00	26.55 1.46 0.00	26.80 1.47 0.00	28.91 1.61 0.00	35.71 2.02 0.00	42.96 2.85 0.00	40.87 2.74 0.00	37.75 2.50 0.00	38.38 2.54 0.00	37.31 2.44 0.00	36.43 2.38 0.00	36.39 2.41 0.00	37.47 2.48 -0.01	38.86 2.51 0.00	44.97 3.25 -0.01	55.48 4.39 -0.01	50.81 4.02 -0.01	47.38 3.43 0.00	43.16 2.67 0.00	42.00 2.49 0.00	39.22 2.26 0.00	37.92 1.98 0.00
FENNER___WINDPWR 24204	28.63 0.42 0.00	26.97 0.40 0.00	26.01 0.36 0.00	25.45 0.35 0.00	25.66 0.33 0.00	27.79 0.49 0.00	34.36 0.67 0.00	40.99 0.88 0.00	38.89 0.76 0.00	35.91 0.67 0.00	36.52 0.68 0.00	35.50 0.63 0.00	34.62 0.58 0.00	34.59 0.61 0.00	35.64 0.66 0.00	37.11 0.76 0.00	42.75 1.04 0.00	52.71 1.63 0.00	48.17 1.40 0.00	45.18 1.23 0.00	41.45 0.97 0.00	40.46 0.95 0.00	37.74 0.78 0.00	36.73 0.79 0.00
FIBERTEK___ENERGY 23856	27.78 -0.42 0.00	26.19 -0.37 0.00	25.26 -0.38 0.00	24.69 -0.40 0.00	24.93 -0.41 0.00	26.91 -0.38 0.00	33.25 -0.44 0.00	39.63 -0.48 0.00	37.63 -0.50 0.00	34.79 -0.46 0.00	35.41 -0.43 0.00	34.49 -0.38 0.00	33.63 -0.41 0.00	33.57 -0.41 0.00	34.56 -0.42 0.00	35.91 -0.44 0.00	41.29 -0.42 0.00	50.98 -0.10 0.00	46.54 -0.23 0.00	43.65 -0.31 0.00	40.04 -0.45 0.00	39.08 -0.43 0.00	36.52 -0.44 0.00	35.55 -0.40 0.00
FITZPATRICK___ 23598	27.10 -1.10 0.00	25.53 -1.04 0.00	24.65 -1.00 0.00	24.09 -1.00 0.00	24.32 -1.01 0.00	26.23 -1.06 0.00	32.37 -1.31 0.00	38.55 -1.56 0.00	36.60 -1.53 0.00	33.83 -1.41 0.00	34.40 -1.43 0.00	33.51 -1.36 0.00	32.71 -1.33 0.00	32.65 -1.33 0.00	33.61 -1.36 0.00	34.93 -1.42 0.00	40.08 -1.63 0.00	49.34 -1.74 0.00	45.13 -1.64 0.00	42.33 -1.63 0.00	38.90 -1.58 0.00	37.97 -1.54 0.00	35.56 -1.40 0.00	34.61 -1.33 0.00
FLOWRFLD_69_KV_BK1 356044	33.62 2.65 -2.77	31.53 2.42 -2.55	30.13 2.33 -2.14	29.81 2.33 -2.38	30.62 2.33 -2.95	33.76 2.59 -3.88	39.94 3.40 -2.85	46.48 4.49 -1.88	44.42 4.23 -2.06	38.88 3.63 0.00	39.49 3.66 0.00	38.08 3.21 0.00	37.07 3.03 0.00	37.07 3.09 0.00	38.06 3.08 0.00	39.51 3.16 0.00	46.54 4.84 0.00	58.68 6.44 -1.17	53.52 5.89 -0.85	51.39 5.19 -2.25	49.34 4.49 -4.36	43.31 3.79 0.00	40.33 3.36 0.00	38.86 2.91 0.00
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	29.75 1.55 0.00	27.97 1.41 0.00	27.01 1.36 0.00	26.45 1.36 0.00	26.68 1.34 0.00	28.77 1.47 0.00	35.64 1.95 0.00	42.48 2.37 0.00	40.49 2.36 0.00	37.29 2.04 0.00	37.85 2.01 0.00	36.79 1.92 0.00	35.91 1.87 0.00	35.88 1.90 0.00	36.94 1.96 0.00	38.42 2.07 0.00	44.42 2.71 0.00	54.86 3.78 0.00	50.28 3.51 0.00	46.94 2.99 0.00	42.95 2.47 0.00	41.85 2.33 0.00	39.04 2.07 0.00	37.89 1.94 0.00
FORT ORANGE___ 23900	28.91 0.71 0.00	27.26 0.69 0.00	26.39 0.74 0.00	25.82 0.73 0.00	26.07 0.74 0.00	28.00 0.71 0.00	34.63 0.94 0.00	40.83 0.72 0.00	38.89 0.76 0.00	35.88 0.64 0.00	36.48 0.65 0.00	35.50 0.63 0.00	34.62 0.58 0.00	34.55 0.58 0.00	35.61 0.63 0.00	37.00 0.65 0.00	42.62 0.92 0.00	52.36 1.28 0.00	48.08 1.31 0.00	44.92 0.97 0.00	41.45 0.97 0.00	40.42 0.91 0.00	37.63 0.67 0.00	36.95 1.01 0.00
FORT_DRUM_COGEN 23780	27.78 -0.42 0.00	26.19 -0.37 0.00	25.26 -0.38 0.00	24.72 -0.38 0.00	24.90 -0.43 0.00	26.91 -0.38 0.00	33.35 -0.34 0.00	39.75 -0.36 0.00	37.67 -0.46 0.00	34.89 -0.35 0.00	35.37 -0.47 0.00	34.35 -0.52 0.00	33.50 -0.54 0.00	33.50 -0.48 0.00	34.52 -0.45 0.00	36.24 -0.11 0.00	41.87 0.17 0.00	51.74 0.66 0.00	47.43 0.65 0.00	44.57 0.62 0.00	40.81 0.32 0.00	39.83 0.32 0.00	37.04 0.07 0.00	35.87 -0.07 0.00
FOX_HILLS___ESR 323835	30.01 1.80 -0.01	28.19 1.62 -0.01	27.22 1.56 -0.01	26.68 1.58 -0.01	26.94 1.60 -0.01	28.99 1.69 0.00	35.84 2.16 0.00	43.00 2.89 0.00	40.95 2.82 0.00	37.89 2.64 0.00	38.46 2.62 0.00	37.38 2.51 0.00	36.49 2.45 0.00	36.45 2.48 0.00	37.58 2.59 -0.02	62.15 2.69 -23.11	45.06 3.34 -0.02	100.33 4.70 -44.55	123.31 4.30 -72.24	63.00 3.69 -15.36	101.64 2.87 -58.28	55.70 2.65 -13.54	58.65 2.55 -19.13	38.22 2.26 -0.01
FPL_FAR_ROCK_GT1 24212	33.28 2.31 -2.77	31.19 2.07 -2.55	29.79 2.00 -2.14	29.51 2.03 -2.38	30.31 2.03 -2.95	33.43 2.26 -3.87	39.36 2.83 -2.85	45.68 3.69 -1.88	43.77 3.58 -2.06	38.38 3.14 0.00	39.07 3.23 0.00	37.80 2.93 0.00	36.87 2.82 0.00	36.83 2.85 0.00	37.81 2.83 0.00	39.26 2.91 0.00	45.88 4.17 0.00	57.46 5.21 -1.17	52.44 4.82 -0.85	50.33 4.13 -2.25	48.28 3.44 -4.36	42.99 3.48 0.00	39.74 2.77 0.00	38.39 2.45 0.00
FPL_FAR_ROCK_GT2 23815	33.28 2.31 -2.77	31.19 2.07 -2.55	29.79 2.00 -2.14	29.51 2.03 -2.38	30.31 2.03 -2.95	33.43 2.26 -3.87	39.36 2.83 -2.85	45.68 3.69 -1.88	43.77 3.58 -2.06	38.38 3.14 0.00	39.07 3.23 0.00	37.80 2.93 0.00	36.87 2.82 0.00	36.83 2.85 0.00	37.81 2.83 0.00	39.26 2.91 0.00	45.88 4.17 0.00	57.46 5.21 -1.17	52.44 4.82 -0.85	50.33 4.13 -2.25	48.28 3.44 -4.36	42.99 3.48 0.00	39.74 2.77 0.00	38.39 2.45 0.00

FRANKLIN_FALL_HYD 24054	29.10 0.90 0.00	27.44 0.88 0.00	26.39 0.74 0.00	25.82 0.73 0.00	26.10 0.76 0.00	27.84 0.55 0.00	34.36 0.67 0.00	40.47 0.36 0.00	38.32 0.19 0.00	35.81 0.56 0.00	36.20 0.36 0.00	35.01 0.14 0.00	34.18 0.14 0.00	34.04 0.07 0.00	35.05 0.07 0.00	36.60 0.25 0.00	41.33 -0.38 0.00	50.16 -0.92 0.00	46.21 -0.56 0.00	43.65 -0.31 0.00	40.52 0.04 0.00	39.63 0.12 0.00	37.56 0.59 0.00	36.41 0.47 0.00
FREEPORT_EQUS_GT1 23764	33.14 2.17 -2.77	31.08 1.97 -2.55	29.69 1.90 -2.14	29.38 1.91 -2.38	30.21 1.92 -2.95	33.27 2.10 -3.87	39.16 2.63 -2.85	45.40 3.41 -1.88	43.50 3.32 -2.06	38.10 2.85 0.00	38.78 2.94 0.00	37.45 2.58 0.00	36.56 2.52 0.00	36.52 2.55 0.00	37.50 2.52 0.00	38.89 2.54 0.00	45.54 3.83 0.00	57.56 5.31 -1.17	52.53 4.91 -0.85	50.42 4.22 -2.25	48.36 3.52 -4.36	42.60 3.08 0.00	39.37 2.40 0.00	38.03 2.08 0.00
FREEPORT___CT2 23818	33.14 2.17 -2.77	31.08 1.97 -2.55	29.69 1.90 -2.14	29.38 1.91 -2.38	30.21 1.92 -2.95	33.27 2.10 -3.87	39.16 2.63 -2.85	45.40 3.41 -1.88	43.50 3.32 -2.06	38.10 2.85 0.00	38.78 2.94 0.00	37.45 2.58 0.00	36.56 2.52 0.00	36.52 2.55 0.00	37.50 2.52 0.00	38.89 2.54 0.00	45.54 3.83 0.00	57.56 5.31 -1.17	52.53 4.91 -0.85	50.42 4.22 -2.25	48.36 3.52 -4.36	42.60 3.08 0.00	39.37 2.40 0.00	38.03 2.08 0.00
FRESHKLS_33_KV_LOAD 356253	29.99 1.78 -0.01	28.14 1.57 -0.01	27.17 1.51 -0.01	26.63 1.53 -0.01	26.89 1.55 -0.01	28.91 1.61 0.00	35.74 2.05 0.00	42.88 2.77 0.00	40.83 2.71 0.00	37.78 2.54 0.00	38.31 2.47 0.00	37.28 2.41 0.00	36.39 2.35 0.00	36.35 2.38 0.00	37.47 2.48 -0.01	62.08 2.62 -23.11	44.97 3.25 -0.02	100.27 4.65 -44.55	123.27 4.26 -72.24	62.96 3.65 -15.36	101.59 2.83 -58.28	55.58 2.53 -13.54	58.61 2.51 -19.13	38.14 2.19 -0.01
FULTON COGEN____ 23766	27.36 -0.85 0.00	25.80 -0.77 0.00	24.88 -0.77 0.00	24.32 -0.78 0.00	24.55 -0.79 0.00	26.50 -0.79 0.00	32.75 -0.94 0.00	39.03 -1.08 0.00	37.06 -1.07 0.00	34.26 -0.99 0.00	34.84 -1.00 0.00	33.89 -0.98 0.00	33.09 -0.95 0.00	33.02 -0.95 0.00	34.00 -0.98 0.00	35.33 -1.02 0.00	40.66 -1.04 0.00	50.11 -0.97 0.00	45.79 -0.98 0.00	42.99 -0.97 0.00	39.43 -1.05 0.00	38.49 -1.03 0.00	35.97 -1.00 0.00	34.97 -0.97 0.00
FULTON___LFGE 323630	31.08 2.88 0.00	29.36 2.79 0.00	28.32 2.67 0.00	27.70 2.61 0.00	27.97 2.63 0.00	30.24 2.95 0.00	37.76 4.07 0.00	44.60 4.49 0.00	42.32 4.19 0.00	38.94 3.70 0.00	39.39 3.55 0.00	38.43 3.56 0.00	37.28 3.24 0.00	37.17 3.19 0.00	38.48 3.50 0.00	40.35 4.00 0.00	47.05 5.34 0.00	58.43 7.36 0.00	53.93 7.16 0.00	50.37 6.42 0.00	46.52 6.03 0.00	45.56 6.05 0.00	42.21 5.25 0.00	40.79 4.85 0.00
G.F.CEMENT___DRP 24184	29.92 1.72 0.00	28.21 1.65 0.00	27.27 1.62 0.00	26.68 1.58 0.00	26.91 1.57 0.00	29.04 1.75 0.00	36.15 2.46 0.00	42.92 2.81 0.00	40.87 2.74 0.00	37.68 2.43 0.00	38.24 2.40 0.00	37.31 2.44 0.00	36.19 2.14 0.00	36.08 2.11 0.00	37.25 2.27 0.00	38.78 2.44 0.00	44.75 3.04 0.00	55.32 4.24 0.00	50.98 4.21 0.00	47.65 3.69 0.00	43.88 3.40 0.00	42.80 3.28 0.00	39.81 2.85 0.00	38.71 2.77 0.00
GARDENVILLE___LBMP 24039	26.90 -1.30 0.00	25.18 -1.38 0.00	24.32 -1.33 0.00	23.59 -1.51 0.00	23.87 -1.47 0.00	25.93 -1.36 0.00	31.60 -2.09 0.00	36.94 -3.17 0.00	34.85 -3.28 0.00	32.28 -2.96 0.00	32.86 -2.97 0.00	32.15 -2.72 0.00	31.49 -2.55 0.00	31.49 -2.48 0.00	32.32 -2.66 0.00	33.48 -2.87 0.00	38.49 -3.21 0.00	48.17 -2.91 0.00	43.73 -3.04 0.00	40.79 -3.16 0.00	37.20 -3.28 0.00	36.51 -3.00 0.00	34.27 -2.70 0.00	33.82 -2.12 0.00
GARDNVLA_35_KV_LD 355827	27.07 -1.13 0.00	25.32 -1.25 0.00	24.47 -1.18 0.00	23.71 -1.38 0.00	24.02 -1.32 0.00	26.09 -1.20 0.00	31.80 -1.89 0.00	37.18 -2.93 0.00	35.07 -3.05 0.00	32.50 -2.75 0.00	33.08 -2.76 0.00	32.36 -2.51 0.00	31.69 -2.35 0.00	31.70 -2.28 0.00	32.53 -2.45 0.00	33.69 -2.65 0.00	38.74 -2.96 0.00	48.52 -2.55 0.00	44.01 -2.76 0.00	41.05 -2.90 0.00	37.45 -3.04 0.00	36.75 -2.77 0.00	34.49 -2.48 0.00	34.04 -1.91 0.00
GELCKHM___115KV_LOAD 80723	27.61 -0.59 0.00	26.01 -0.56 0.00	25.09 -0.56 0.00	24.52 -0.58 0.00	24.75 -0.58 0.00	26.72 -0.57 0.00	32.98 -0.71 0.00	39.31 -0.80 0.00	37.32 -0.80 0.00	34.50 -0.74 0.00	35.12 -0.72 0.00	34.17 -0.70 0.00	33.36 -0.68 0.00	33.30 -0.68 0.00	34.28 -0.70 0.00	35.62 -0.73 0.00	40.96 -0.75 0.00	50.52 -0.56 0.00	46.16 -0.61 0.00	43.29 -0.66 0.00	39.71 -0.77 0.00	38.76 -0.75 0.00	36.23 -0.74 0.00	35.23 -0.72 0.00
GENERAL___MILLS 23808	27.02 -1.18 0.00	25.26 -1.30 0.00	24.42 -1.23 0.00	23.69 -1.41 0.00	23.97 -1.37 0.00	26.04 -1.26 0.00	31.73 -1.95 0.00	37.10 -3.01 0.00	35.00 -3.13 0.00	32.43 -2.82 0.00	33.01 -2.83 0.00	32.29 -2.58 0.00	31.59 -2.45 0.00	31.60 -2.38 0.00	32.42 -2.55 0.00	33.62 -2.73 0.00	38.62 -3.09 0.00	48.37 -2.71 0.00	43.92 -2.85 0.00	40.92 -3.03 0.00	37.37 -3.12 0.00	36.67 -2.85 0.00	34.42 -2.55 0.00	33.97 -1.98 0.00
GE_PLASTICS___DRP 24183	28.85 0.65 0.00	27.18 0.61 0.00	26.29 0.64 0.00	25.72 0.63 0.00	25.97 0.63 0.00	27.92 0.63 0.00	34.50 0.81 0.00	41.03 0.92 0.00	39.04 0.91 0.00	36.02 0.78 0.00	36.66 0.82 0.00	35.67 0.80 0.00	34.79 0.75 0.00	34.72 0.75 0.00	35.75 0.77 0.00	37.15 0.80 0.00	42.71 1.00 0.00	52.56 1.48 0.00	48.17 1.40 0.00	45.10 1.14 0.00	41.50 1.01 0.00	40.46 0.95 0.00	37.78 0.81 0.00	36.84 0.90 0.00
GILBOA___1 23756	28.91 0.71 0.00	27.23 0.66 0.00	26.29 0.64 0.00	25.75 0.65 0.00	25.97 0.63 0.00	28.00 0.71 0.00	34.56 0.87 0.00	41.23 1.12 0.00	39.23 1.11 0.00	36.20 0.95 0.00	36.84 1.00 0.00	35.85 0.98 0.00	34.99 0.95 0.00	34.92 0.95 0.00	35.92 0.94 0.00	37.33 0.98 0.00	42.79 1.08 0.00	52.66 1.59 0.00	48.27 1.50 0.00	45.14 1.19 0.00	41.45 0.97 0.00	40.50 0.99 0.00	37.89 0.92 0.00	36.81 0.86 0.00
GILBOA___2 23757	28.91 0.71 0.00	27.23 0.66 0.00	26.29 0.64 0.00	25.75 0.65 0.00	25.97 0.63 0.00	28.00 0.71 0.00	34.56 0.87 0.00	41.23 1.12 0.00	39.23 1.11 0.00	36.20 0.95 0.00	36.84 1.00 0.00	35.85 0.98 0.00	34.99 0.95 0.00	34.92 0.95 0.00	35.92 0.94 0.00	37.33 0.98 0.00	42.79 1.08 0.00	52.66 1.59 0.00	48.27 1.50 0.00	45.14 1.19 0.00	41.45 0.97 0.00	40.50 0.99 0.00	37.89 0.92 0.00	36.81 0.86 0.00
GILBOA___3 23758	28.91 0.71 0.00	27.23 0.66 0.00	26.29 0.64 0.00	25.75 0.65 0.00	25.97 0.63 0.00	28.00 0.71 0.00	34.56 0.87 0.00	41.23 1.12 0.00	39.23 1.11 0.00	36.20 0.95 0.00	36.84 1.00 0.00	35.85 0.98 0.00	34.99 0.95 0.00	34.92 0.95 0.00	35.92 0.94 0.00	37.33 0.98 0.00	42.79 1.08 0.00	52.66 1.59 0.00	48.27 1.50 0.00	45.14 1.19 0.00	41.45 0.97 0.00	40.50 0.99 0.00	37.89 0.92 0.00	36.81 0.86 0.00

GILBOA___4 23759	28.91 0.71 0.00	27.23 0.66 0.00	26.29 0.64 0.00	25.75 0.65 0.00	25.97 0.63 0.00	28.00 0.71 0.00	34.56 0.87 0.00	41.23 1.12 0.00	39.23 1.11 0.00	36.20 0.95 0.00	36.84 1.00 0.00	35.85 0.98 0.00	34.99 0.95 0.00	34.92 0.95 0.00	35.92 0.94 0.00	37.33 0.98 0.00	42.79 1.08 0.00	52.66 1.59 0.00	48.27 1.50 0.00	45.14 1.19 0.00	41.45 0.97 0.00	40.50 0.99 0.00	37.89 0.92 0.00	36.81 0.86 0.00
GILBOA____ 23599	28.91 0.71 0.00	27.23 0.66 0.00	26.29 0.64 0.00	25.75 0.65 0.00	25.97 0.63 0.00	28.00 0.71 0.00	34.56 0.88 0.00	41.23 1.12 0.00	39.23 1.11 0.00	36.20 0.95 0.00	36.84 1.00 0.00	35.85 0.98 0.00	35.00 0.95 0.00	34.93 0.95 0.00	35.92 0.94 0.00	37.33 0.98 0.00	42.79 1.08 0.00	52.66 1.58 0.00	48.27 1.50 0.00	45.18 1.23 0.00	41.46 0.97 0.00	40.50 0.99 0.00	37.89 0.92 0.00	36.84 0.90 0.00
GINNA____ 23603	25.94 -2.26 0.00	24.33 -2.23 0.00	23.49 -2.15 0.00	22.81 -2.28 0.00	23.06 -2.28 0.00	25.00 -2.29 0.00	30.89 -2.80 0.00	36.82 -3.29 0.00	34.92 -3.20 0.00	32.28 -2.96 0.00	32.86 -2.97 0.00	31.98 -2.89 0.00	31.25 -2.79 0.00	31.26 -2.72 0.00	32.11 -2.87 0.00	33.33 -3.02 0.00	38.33 -3.38 0.00	47.55 -3.52 0.00	43.21 -3.56 0.00	40.57 -3.38 0.00	37.04 -3.44 0.00	36.04 -3.48 0.00	34.08 -2.88 0.00	33.32 -2.62 0.00
GLEN PARK____ 23778	27.83 -0.37 0.00	26.27 -0.29 0.00	25.32 -0.33 0.00	24.77 -0.33 0.00	24.93 -0.41 0.00	26.97 -0.33 0.00	33.45 -0.23 0.00	39.91 -0.20 0.00	37.82 -0.31 0.00	35.03 -0.21 0.00	35.52 -0.32 0.00	34.45 -0.42 0.00	33.57 -0.48 0.00	33.60 -0.37 0.00	34.63 -0.35 0.00	36.35 0.00 0.00	42.04 0.33 0.00	52.05 0.97 0.00	47.71 0.94 0.00	44.83 0.88 0.00	41.01 0.52 0.00	40.03 0.51 0.00	37.23 0.26 0.00	36.05 0.11 0.00
GLENDALE_27_KV_LOAD 356172	30.13 1.92 -0.01	28.30 1.73 -0.01	27.32 1.67 -0.01	26.78 1.68 -0.01	27.07 1.72 -0.01	29.15 1.86 0.00	36.05 2.36 0.00	43.24 3.13 0.00	41.17 3.05 0.00	38.06 2.82 0.00	38.67 2.83 0.00	37.59 2.72 0.00	36.70 2.66 0.00	36.66 2.68 0.00	37.76 2.76 -0.02	39.18 2.84 0.00	45.31 3.59 -0.02	56.00 4.90 -0.01	51.28 4.49 -0.01	47.82 3.87 0.00	43.48 3.00 0.00	42.32 2.81 0.00	39.64 2.66 -0.01	38.29 2.34 -0.01
GLENWOOD_IC_1_G5 23712	33.09 2.12 -2.77	31.03 1.91 -2.55	29.66 1.87 -2.14	29.36 1.88 -2.38	30.19 1.90 -2.95	33.24 2.07 -3.87	39.16 2.63 -2.85	45.36 3.37 -1.88	43.39 3.20 -2.06	38.24 3.00 0.00	38.89 3.05 0.00	37.59 2.72 0.00	36.63 2.59 0.00	36.59 2.62 0.00	37.60 2.62 0.00	38.86 2.51 0.00	45.42 3.71 0.00	57.35 5.11 -1.17	52.30 4.68 -0.85	50.20 4.00 -2.25	48.16 3.32 -4.36	42.44 2.92 0.00	39.52 2.55 0.00	38.28 2.34 0.00
GLENWOOD_IC_2_G1 23688	33.00 2.03 -2.77	30.98 1.86 -2.55	29.59 1.79 -2.14	29.29 1.81 -2.38	30.11 1.83 -2.95	33.16 1.99 -3.87	39.06 2.53 -2.85	45.28 3.29 -1.88	43.39 3.20 -2.06	38.07 2.82 0.00	38.71 2.87 0.00	37.45 2.58 0.00	36.53 2.48 0.00	36.49 2.51 0.00	37.46 2.48 0.00	38.85 2.51 0.00	45.38 3.67 0.00	57.30 5.06 -1.17	52.30 4.68 -0.85	50.20 4.00 -2.25	48.12 3.28 -4.36	42.44 2.92 0.00	39.26 2.29 0.00	37.99 2.05 0.00
GLENWOOD_IC_3_G1 23689	33.00 2.03 -2.77	30.98 1.86 -2.55	29.59 1.79 -2.14	29.29 1.81 -2.38	30.11 1.83 -2.95	33.16 1.99 -3.87	39.06 2.53 -2.85	45.28 3.29 -1.88	43.39 3.20 -2.06	38.07 2.82 0.00	38.71 2.87 0.00	37.45 2.58 0.00	36.53 2.48 0.00	36.49 2.51 0.00	37.46 2.48 0.00	38.85 2.51 0.00	45.38 3.67 0.00	57.30 5.06 -1.17	52.30 4.68 -0.85	50.20 4.00 -2.25	48.12 3.28 -4.36	42.44 2.92 0.00	39.26 2.29 0.00	37.99 2.05 0.00
GLENWOOD___4 23550	33.09 2.12 -2.77	31.03 1.91 -2.55	29.66 1.87 -2.14	29.36 1.88 -2.38	30.19 1.90 -2.95	33.24 2.07 -3.87	39.16 2.63 -2.85	45.40 3.41 -1.88	43.47 3.28 -2.06	38.24 3.00 0.00	38.89 3.05 0.00	37.59 2.72 0.00	36.63 2.59 0.00	36.59 2.62 0.00	37.60 2.62 0.00	38.89 2.54 0.00	45.46 3.75 0.00	57.40 5.16 -1.17	52.35 4.72 -0.85	50.29 4.09 -2.25	48.20 3.36 -4.36	42.48 2.96 0.00	39.56 2.59 0.00	38.28 2.34 0.00
GLENWOOD___5 23614	33.09 2.12 -2.77	31.03 1.91 -2.55	29.66 1.87 -2.14	29.36 1.88 -2.38	30.19 1.90 -2.95	33.24 2.07 -3.87	39.16 2.63 -2.85	45.40 3.41 -1.88	43.47 3.28 -2.06	38.24 3.00 0.00	38.89 3.05 0.00	37.59 2.72 0.00	36.63 2.59 0.00	36.59 2.62 0.00	37.60 2.62 0.00	38.89 2.54 0.00	45.46 3.75 0.00	57.40 5.16 -1.17	52.35 4.72 -0.85	50.29 4.09 -2.25	48.20 3.36 -4.36	42.48 2.96 0.00	39.56 2.59 0.00	38.28 2.34 0.00
GLOBAL GREEN_PORT_GT1 23814	34.66 3.69 -2.77	32.44 3.32 -2.55	30.97 3.18 -2.14	30.67 3.19 -2.38	31.50 3.22 -2.95	34.88 3.71 -3.88	41.35 4.82 -2.85	48.09 6.09 -1.88	46.02 5.83 -2.06	40.08 4.83 0.00	40.71 4.87 0.00	39.19 4.32 0.00	38.13 4.08 0.00	38.15 4.18 0.00	39.17 4.20 0.00	40.74 4.40 0.00	48.17 6.46 0.00	60.88 8.63 -1.17	55.57 7.95 -0.85	53.45 7.25 -2.25	51.24 6.39 -4.36	44.69 5.18 0.00	41.14 4.18 0.00	39.97 4.02 0.00
GLOBE___DSASP 323697	25.72 -2.48 0.00	24.07 -2.50 0.00	23.26 -2.39 0.00	22.56 -2.53 0.00	22.83 -2.51 0.00	24.81 -2.48 0.00	30.08 -3.60 0.00	35.02 -5.09 0.00	33.13 -4.99 0.00	30.73 -4.51 0.00	31.22 -4.62 0.00	30.55 -4.32 0.00	29.89 -4.15 0.00	29.90 -4.08 0.00	30.68 -4.30 0.00	31.77 -4.58 0.00	36.45 -5.25 0.00	45.46 -5.62 0.00	41.30 -5.47 0.00	38.55 -5.41 0.00	35.18 -5.30 0.00	34.58 -4.94 0.00	32.53 -4.44 0.00	32.13 -3.81 0.00
GOETHSLN___LBMP 323567	29.72 1.52 0.00	27.92 1.35 0.00	26.98 1.33 0.00	26.45 1.36 0.00	26.70 1.37 0.00	28.80 1.50 0.00	35.57 1.89 0.00	42.80 2.69 0.00	40.68 2.55 0.00	37.61 2.36 0.00	38.24 2.40 0.00	37.17 2.30 0.00	36.29 2.25 0.00	36.25 2.28 0.00	37.33 2.34 -0.01	38.67 2.33 0.00	44.81 3.09 -0.01	55.23 4.14 -0.01	50.62 3.84 -0.01	47.21 3.25 0.00	42.99 2.51 0.00	41.85 2.33 0.00	39.07 2.11 0.00	37.74 1.80 0.00
GOLAH___69_KV_TB 1_2 80279	27.36 -0.85 0.00	25.66 -0.90 0.00	24.75 -0.90 0.00	23.97 -1.13 0.00	24.22 -1.11 0.00	26.31 -0.98 0.00	32.27 -1.41 0.00	38.15 -1.97 0.00	36.22 -1.91 0.00	33.41 -1.83 0.00	33.98 -1.86 0.00	33.02 -1.85 0.00	32.31 -1.74 0.00	32.28 -1.70 0.00	33.19 -1.78 0.00	34.42 -1.93 0.00	39.54 -2.17 0.00	49.19 -1.89 0.00	44.81 -1.96 0.00	41.98 -1.98 0.00	38.30 -2.19 0.00	37.34 -2.17 0.00	35.01 -1.96 0.00	34.43 -1.51 0.00
GOODYEAR_LAKE_HYD 323669	29.27 1.07 0.00	27.60 1.04 0.00	26.62 0.97 0.00	26.05 0.95 0.00	26.30 0.96 0.00	28.44 1.15 0.00	35.24 1.55 0.00	42.08 1.97 0.00	39.99 1.87 0.00	36.94 1.69 0.00	37.52 1.68 0.00	36.51 1.64 0.00	35.61 1.57 0.00	35.54 1.56 0.00	36.62 1.64 0.00	38.09 1.74 0.00	43.87 2.17 0.00	54.19 3.12 0.00	49.62 2.85 0.00	46.50 2.55 0.00	42.55 2.06 0.00	41.57 2.05 0.00	38.70 1.74 0.00	37.60 1.65 0.00

GOUDEY___1	28.23	26.57	25.65	25.02	25.28	27.35	33.72	40.07	37.97	35.07	35.70	34.77	33.94	33.87	34.87	36.20	41.62	51.54	47.05	44.04	40.32	39.40	36.86	35.98
345031	0.03	0.00	0.00	-0.08	-0.05	0.05	0.03	-0.04	-0.15	-0.18	-0.14	-0.10	-0.10	-0.10	-0.10	-0.15	-0.08	0.46	0.28	0.09	-0.16	-0.12	-0.11	0.04
	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
GOUDEY___7	28.26	26.59	25.65	25.04	25.31	27.38	33.76	40.11	38.01	35.10	35.73	34.80	33.97	33.91	34.91	36.24	41.66	51.59	47.10	44.09	40.36	39.44	36.89	36.02
23579	0.06	0.03	0.00	-0.05	-0.03	0.08	0.07	0.00	-0.11	-0.14	-0.11	-0.07	-0.07	-0.07	-0.07	-0.11	-0.04	0.51	0.33	0.13	-0.12	-0.08	-0.07	0.07
	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
GOUDEY___8	28.23	26.57	25.65	25.02	25.28	27.35	33.72	40.07	37.97	35.07	35.70	34.77	33.94	33.87	34.87	36.20	41.62	51.54	47.05	44.04	40.32	39.40	36.86	35.98
23580	0.03	0.00	0.00	-0.08	-0.05	0.05	0.03	-0.04	-0.15	-0.18	-0.14	-0.10	-0.10	-0.10	-0.10	-0.15	-0.08	0.46	0.28	0.09	-0.16	-0.12	-0.11	0.04
	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
GOWANUS_GT1_1	30.10	28.27	27.30	26.76	27.02	29.10	35.98	43.16	41.14	38.03	38.63	37.56	36.66	36.62	37.76	62.29	45.27	100.48	123.45	63.13	101.76	55.86	58.76	38.32
24077	1.89	1.70	1.64	1.66	1.67	1.80	2.29	3.05	3.01	2.78	2.80	2.69	2.62	2.65	2.76	2.84	3.55	4.85	4.44	3.82	3.00	2.81	2.66	2.37
	-0.01	-0.01	-0.01	-0.01	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.02	-23.11	-0.02	-44.55	-72.24	-15.36	-58.28	-13.54	-19.13	-0.01
GOWANUS_GT1_2	30.10	28.27	27.30	26.76	27.02	29.10	35.98	43.16	41.14	38.03	38.63	37.56	36.66	36.62	37.76	62.29	45.27	100.48	123.45	63.13	101.76	55.86	58.76	38.32
24078	1.89	1.70	1.64	1.66	1.67	1.80	2.29	3.05	3.01	2.78	2.80	2.69	2.62	2.65	2.76	2.84	3.55	4.85	4.44	3.82	3.00	2.81	2.66	2.37
	-0.01	-0.01	-0.01	-0.01	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.02	-23.11	-0.02	-44.55	-72.24	-15.36	-58.28	-13.54	-19.13	-0.01
GOWANUS_GT1_3	30.10	28.27	27.30	26.76	27.02	29.10	35.98	43.16	41.14	38.03	38.63	37.56	36.66	36.62	37.76	62.29	45.27	100.48	123.45	63.13	101.76	55.86	58.76	38.32
24079	1.89	1.70	1.64	1.66	1.67	1.80	2.29	3.05	3.01	2.78	2.80	2.69	2.62	2.65	2.76	2.84	3.55	4.85	4.44	3.82	3.00	2.81	2.66	2.37
	-0.01	-0.01	-0.01	-0.01</																				

GOWANUS_GT2_5 24118	30.10 1.89 -0.01	28.28 1.70 -0.01	27.30 1.64 -0.01	26.76 1.66 -0.01	27.02 1.67 -0.01	29.10 1.80 0.00	35.98 2.29 0.00	43.16 3.05 0.00	41.10 2.98 0.00	38.03 2.78 0.00	38.60 2.76 0.00	37.52 2.65 0.00	36.66 2.62 0.00	36.63 2.65 0.00	37.72 2.73 -0.02	62.26 2.80 -23.11	45.26 3.54 -0.02	100.53 4.90 -44.55	123.50 4.49 -72.24	63.13 3.82 -15.36	101.76 3.00 -58.28	55.98 2.92 -13.54	58.64 2.55 -19.13	38.15 2.19 -0.01
GOWANUS_GT2_6 24119	30.10 1.89 -0.01	28.28 1.70 -0.01	27.30 1.64 -0.01	26.76 1.66 -0.01	27.02 1.67 -0.01	29.10 1.80 0.00	35.98 2.29 0.00	43.16 3.05 0.00	41.10 2.98 0.00	38.03 2.78 0.00	38.60 2.76 0.00	37.52 2.65 0.00	36.66 2.62 0.00	36.63 2.65 0.00	37.72 2.73 -0.02	62.26 2.80 -23.11	45.26 3.54 -0.02	100.53 4.90 -44.55	123.50 4.49 -72.24	63.13 3.82 -15.36	101.76 3.00 -58.28	55.98 2.92 -13.54	58.64 2.55 -19.13	38.15 2.19 -0.01
GOWANUS_GT2_7 24120	30.10 1.89 -0.01	28.28 1.70 -0.01	27.30 1.64 -0.01	26.76 1.66 -0.01	27.02 1.67 -0.01	29.10 1.80 0.00	35.98 2.29 0.00	43.16 3.05 0.00	41.10 2.98 0.00	38.03 2.78 0.00	38.60 2.76 0.00	37.52 2.65 0.00	36.66 2.62 0.00	36.63 2.65 0.00	37.72 2.73 -0.02	62.26 2.80 -23.11	45.26 3.54 -0.02	100.53 4.90 -44.55	123.50 4.49 -72.24	63.13 3.82 -15.36	101.76 3.00 -58.28	55.98 2.92 -13.54	58.64 2.55 -19.13	38.15 2.19 -0.01
GOWANUS_GT2_8 24121	30.10 1.89 -0.01	28.28 1.70 -0.01	27.30 1.64 -0.01	26.76 1.66 -0.01	27.02 1.67 -0.01	29.10 1.80 0.00	35.98 2.29 0.00	43.16 3.05 0.00	41.10 2.98 0.00	38.03 2.78 0.00	38.60 2.76 0.00	37.52 2.65 0.00	36.66 2.62 0.00	36.63 2.65 0.00	37.72 2.73 -0.02	62.26 2.80 -23.11	45.26 3.54 -0.02	100.53 4.90 -44.55	123.50 4.49 -72.24	63.13 3.82 -15.36	101.76 3.00 -58.28	55.98 2.92 -13.54	58.64 2.55 -19.13	38.15 2.19 -0.01
GOWANUS_GT3_1 24122	30.10 1.89 -0.01	28.28 1.70 -0.01	27.30 1.64 -0.01	26.76 1.66 -0.01	27.02 1.67 -0.01	29.10 1.80 0.00	35.98 2.29 0.00	43.16 3.05 0.00	41.10 2.98 0.00	38.03 2.78 0.00	38.60 2.76 0.00	37.52 2.65 0.00	36.66 2.62 0.00	36.63 2.65 0.00	37.72 2.73 -0.02	62.26 2.80 -23.11	45.26 3.54 -0.02	100.53 4.90 -44.55	123.50 4.49 -72.24	63.13 3.82 -15.36	101.76 3.00 -58.28	55.98 2.92 -13.54	58.64 2.55 -19.13	38.15 2.19 -0.01
GOWANUS_GT3_2 24123	30.10 1.89 -0.01	28.28 1.70 -0.01	27.30 1.64 -0.01	26.76 1.66 -0.01	27.02 1.67 -0.01	29.10 1.80 0.00	35.98 2.29 0.00	43.16 3.05 0.00	41.10 2.98 0.00	38.03 2.78 0.00	38.60 2.76 0.00	37.52 2.65 0.00	36.66 2.62 0.00	36.63 2.65 0.00	37.72 2.73 -0.02	62.26 2.80 -23.11	45.26 3.54 -0.02	100.53 4.90 -44.55	123.50 4.49 -72.24	63.13 3.82 -15.36	101.76 3.00 -58.28	55.98 2.92 -13.54	58.64 2.55 -19.13	38.15 2.19 -0.01
GOWANUS_GT3_3 24124	30.10 1.89 -0.01	28.28 1.70 -0.01	27.30 1.64 -0.01	26.76 1.66 -0.01	27.02 1.67 -0.01	29.10 1.80 0.00	35.98 2.29 0.00	43.16 3.05 0.00	41.10 2.98 0.00	38.03 2.78 0.00	38.60 2.76 0.00	37.52 2.65 0.00	36.66 2.62 0.00	36.63 2.65 0.00	37.72 2.73 -0.02	62.26 2.80 -23.11	45.26 3.54 -0.02	100.53 4.90 -44.55	123.50 4.49 -72.24	63.13 3.82 -15.36	101.76 3.00 -58.28	55.98 2.92 -13.54	58.64 2.55 -19.13	38.15 2.19 -0.01
GOWANUS_GT3_4 24125	30.10 1.89 -0.01	28.28 1.70 -0.																						

GOWANUS_GT4_4 24133	30.10 1.89 -0.01	28.27 1.70 -0.01	27.30 1.64 -0.01	26.76 1.66 -0.01	27.02 1.67 -0.01	29.10 1.80 0.00	35.98 2.29 0.00	43.16 3.05 0.00	41.14 3.01 0.00	38.03 2.78 0.00	38.63 2.80 0.00	37.56 2.69 0.00	36.66 2.62 0.00	36.62 2.65 0.00	37.76 2.76 -0.02	62.29 2.84 -23.11	45.27 3.55 -0.02	100.48 4.85 -44.55	123.45 4.44 -72.24	63.13 3.82 -15.36	101.76 3.00 -58.28	55.86 2.81 -13.54	58.76 2.66 -19.13	38.32 2.37 -0.01
GOWANUS_GT4_5 24134	30.10 1.89 -0.01	28.27 1.70 -0.01	27.30 1.64 -0.01	26.76 1.66 -0.01	27.02 1.67 -0.01	29.10 1.80 0.00	35.98 2.29 0.00	43.16 3.05 0.00	41.14 3.01 0.00	38.03 2.78 0.00	38.63 2.80 0.00	37.56 2.69 0.00	36.66 2.62 0.00	36.62 2.65 0.00	37.76 2.76 -0.02	62.29 2.84 -23.11	45.27 3.55 -0.02	100.48 4.85 -44.55	123.45 4.44 -72.24	63.13 3.82 -15.36	101.76 3.00 -58.28	55.86 2.81 -13.54	58.76 2.66 -19.13	38.32 2.37 -0.01
GOWANUS_GT4_6 24135	30.10 1.89 -0.01	28.27 1.70 -0.01	27.30 1.64 -0.01	26.76 1.66 -0.01	27.02 1.67 -0.01	29.10 1.80 0.00	35.98 2.29 0.00	43.16 3.05 0.00	41.14 3.01 0.00	38.03 2.78 0.00	38.63 2.80 0.00	37.56 2.69 0.00	36.66 2.62 0.00	36.62 2.65 0.00	37.76 2.76 -0.02	62.29 2.84 -23.11	45.27 3.55 -0.02	100.48 4.85 -44.55	123.45 4.44 -72.24	63.13 3.82 -15.36	101.76 3.00 -58.28	55.86 2.81 -13.54	58.76 2.66 -19.13	38.32 2.37 -0.01
GOWANUS_GT4_7 24136	30.10 1.89 -0.01	28.27 1.70 -0.01	27.30 1.64 -0.01	26.76 1.66 -0.01	27.02 1.67 -0.01	29.10 1.80 0.00	35.98 2.29 0.00	43.16 3.05 0.00	41.14 3.01 0.00	38.03 2.78 0.00	38.63 2.80 0.00	37.56 2.69 0.00	36.66 2.62 0.00	36.62 2.65 0.00	37.76 2.76 -0.02	62.29 2.84 -23.11	45.27 3.55 -0.02	100.48 4.85 -44.55	123.45 4.44 -72.24	63.13 3.82 -15.36	101.76 3.00 -58.28	55.86 2.81 -13.54	58.76 2.66 -19.13	38.32 2.37 -0.01
GOWANUS_GT4_8 24137	30.10 1.89 -0.01	28.27 1.70 -0.01	27.30 1.64 -0.01	26.76 1.66 -0.01	27.02 1.67 -0.01	29.10 1.80 0.00	35.98 2.29 0.00	43.16 3.05 0.00	41.14 3.01 0.00	38.03 2.78 0.00	38.63 2.80 0.00	37.56 2.69 0.00	36.66 2.62 0.00	36.62 2.65 0.00	37.76 2.76 -0.02	62.29 2.84 -23.11	45.27 3.55 -0.02	100.48 4.85 -44.55	123.45 4.44 -72.24	63.13 3.82 -15.36	101.76 3.00 -58.28	55.86 2.81 -13.54	58.76 2.66 -19.13	38.32 2.37 -0.01
GREENBSH_115KV_TB3 55895	28.74 0.54 0.00	27.10 0.53 0.00	26.21 0.56 0.00	25.67 0.58 0.00	25.92 0.58 0.00	27.84 0.55 0.00	34.36 0.67 0.00	40.87 0.76 0.00	38.89 0.76 0.00	35.91 0.67 0.00	36.56 0.72 0.00	35.57 0.70 0.00	34.69 0.65 0.00	34.59 0.61 0.00	35.64 0.66 0.00	37.00 0.65 0.00	42.58 0.88 0.00	52.35 1.28 0.00	48.03 1.26 0.00	44.96 1.01 0.00	41.37 0.89 0.00	40.35 0.83 0.00	37.67 0.70 0.00	36.73 0.79 0.00
GREENDGE_115KV_TB5 80291	28.09 -0.11 0.00	26.38 -0.19 0.00	25.44 -0.21 0.00	24.77 -0.33 0.00	25.03 -0.30 0.00	27.16 -0.14 0.00	33.55 -0.13 0.00	39.51 -0.60 0.00	37.36 -0.76 0.00	34.79 -0.46 0.00	35.41 -0.43 0.00	34.52 -0.35 0.00	33.70 -0.34 0.00	33.63 -0.34 0.00	34.63 -0.35 0.00	35.95 -0.40 0.00	41.08 -0.63 0.00	51.18 0.10 0.00	46.63 -0.14 0.00	43.69 -0.26 0.00	39.92 -0.57 0.00	38.96 -0.55 0.00	36.67 -0.30 0.00	35.91 -0.04 0.00
GREENIDGE___3 23582	28.09 -0.11 0.00	26.38 -0.19 0.00	25.44 -0.21 0.00	24.77 -0.33 0.00	25.03 -0.30 0.00	27.16 -0.14 0.00	33.55 -0.13 0.00	39.51 -0.60 0.00	37.36 -0.76 0.00	34.79 -0.46 0.00	35.41 -0.43 0.00	34.52 -0.35 0.00	33.70 -0.34 0.00	33.63 -0.34 0.00	34.63 -0.35 0.00	35.95 -0.40 0.00	41.08 -0.63 0.00	51.18 0.10 0.00	46.63 -0.14 0.00	43.69 -0.26 0.00	39.92 -0.57 0.00	38.96 -0.55 0.00	36.67 -0.30 0.00	35.91 -0.04 0.00
GREENIDGE___4 23583	28.09 -0.11 0.00	26.38 -0.18 0.00	25.44 -0.21 0.00	24.77 -0.33 0.00	25.03 -0.30 0.00	27.16 -0.14 0.00	33.55 -0.13 0.00	39.55 -0.56 0.00	37.59 -0.53 0.00	34.82 -0.42 0.00	35.45 -0.39 0.00	34.52 -0.35 0.00	33.70 -0.34 0.00	33.63 -0.34 0.00	34.63 -0.35 0.00	35.95 -0.40 0.00	41.00 -0.71 0.00	51.13 0.05 0.00	46.54 -0.23 0.00	43.60 -0.35 0.00	39.88 -0.61 0.00	38.88 -0.63 0.00	36.82 -0.15 0.00	36.12 0.18 0.00
GREENLWN_69_KV_BK 3 55738	33.26 2.28 -2.77	31.24 2.13 -2.55	29.84 2.05 -2.14	29.54 2.06 -2.38	30.36 2.08 -2.95	33.41 2.24 -3.88	39.37 2.83 -2.85	45.76 3.77 -1.88	43.78 3.58 -2.07	38.42 3.17 -0.01	38.96 3.12 0.00	37.35 2.48 0.00	36.39 2.35 0.00	36.35 2.38 0.00	37.36 2.38 0.00	38.75 2.40 0.00	45.34 3.63 0.00	57.30 5.06 -1.17	52.21 4.58 -0.85	50.15 3.96 -2.25	48.08 3.24 -4.36	42.36 2.85 0.00	39.44 2.48 0.00	38.03 2.08 0.00
GREENWD_138_KV_38B11_REV_LBMP_J 345004	30.10 1.89 -0.01	28.27 1.70 -0.01	27.30 1.64 -0.01	26.76 1.66 -0.01	27.02 1.67 -0.01	29.10 1.80 0.00	35.98 2.29 0.00	43.16 3.05 0.00	41.14 3.01 0.00	38.03 2.78 0.00	38.63 2.80 0.00	37.56 2.69 0.00	36.66 2.62 0.00	36.62 2.65 0.00	37.76 2.76 -0.02	62.29 2.84 -23.11	45.27 3.55 -0.02	100.48 4.85 -44.55	123.45 4.44 -72.24	63.13 3.82 -15.36	101.76 3.00 -58.28	55.86 2.81 -13.54	58.76 2.66 -19.13	38.32 2.37 -0.01
GRISSOM___SOLAR 323813	31.08 2.88 0.00	29.36 2.79 0.00	28.32 2.67 0.00	27.70 2.61 0.00	27.97 2.63 0.00	30.24 2.95 0.00	37.76 4.07 0.00	44.60 4.49 0.00	42.32 4.19 0.00	38.94 3.70 0.00	39.39 3.55 0.00	38.43 3.56 0.00	37.28 3.24 0.00	37.17 3.19 0.00	38.48 3.50 0.00	40.35 4.00 0.00	47.05 5.34 0.00	58.43 7.36 0.00	53.93 7.16 0.00	50.37 6.42 0.00	46.52 6.03 0.00	45.56 6.05 0.00	42.21 5.25 0.00	40.79 4.85 0.00
GROVEVILLE___HYD 323602	29.75 1.55 0.00	27.97 1.41 0.00	27.01 1.36 0.00	26.45 1.36 0.00	26.68 1.34 0.00	28.77 1.47 0.00	35.64 1.95 0.00	42.48 2.37 0.00	40.49 2.36 0.00	37.29 2.04 0.00	37.85 2.01 0.00	36.79 1.92 0.00	35.91 1.87 0.00	35.88 1.90 0.00	36.94 1.96 0.00	38.42 2.07 0.00	44.42 2.71 0.00	54.86 3.78 0.00	50.28 3.51 0.00	46.94 2.99 0.00	42.95 2.47 0.00	41.85 2.33 0.00	39.04 2.07 0.00	37.89 1.94 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	27.78 -0.42 0.00	26.19 -0.37 0.00	25.26 -0.38 0.00	24.69 -0.40 0.00	24.93 -0.41 0.00	26.91 -0.38 0.00	33.25 -0.44 0.00	39.63 -0.48 0.00	37.63 -0.50 0.00	34.79 -0.46 0.00	35.41 -0.43 0.00	34.49 -0.38 0.00	33.63 -0.41 0.00	33.57 -0.41 0.00	34.56 -0.42 0.00	35.91 -0.44 0.00	41.29 -0.42 0.00	50.98 -0.10 0.00	46.54 -0.23 0.00	43.65 -0.31 0.00	40.04 -0.45 0.00	39.08 -0.43 0.00	36.52 -0.44 0.00	35.55 -0.40 0.00
HAMLTNNY_34_KV_TB 80303	27.81 -0.39 0.00	26.19 -0.37 0.00	25.26 -0.38 0.00	24.67 -0.43 0.00	24.90 -0.43 0.00	26.91 -0.38 0.00	33.25 -0.44 0.00	39.63 -0.48 0.00	37.67 -0.46 0.00	34.79 -0.46 0.00	35.41 -0.43 0.00	34.49 -0.38 0.00	33.67 -0.37 0.00	33.60 -0.37 0.00	34.56 -0.42 0.00	35.91 -0.44 0.00	41.33 -0.38 0.00	51.03 -0.05 0.00	46.63 -0.14 0.00	43.73 -0.22 0.00	40.08 -0.40 0.00	39.12 -0.40 0.00	36.56 -0.41 0.00	35.58 -0.36 0.00

HAMPSHIRE___PAPER_HYD 323593	27.64 -0.56 0.00	26.09 -0.48 0.00	25.14 -0.51 0.00	24.59 -0.50 0.00	24.83 -0.51 0.00	26.75 -0.55 0.00	33.01 -0.67 0.00	39.23 -0.88 0.00	37.29 -0.84 0.00	34.61 -0.63 0.00	35.08 -0.75 0.00	34.10 -0.77 0.00	33.29 -0.75 0.00	33.23 -0.75 0.00	34.24 -0.74 0.00	35.87 -0.47 0.00	41.04 -0.67 0.00	50.16 -0.92 0.00	46.07 -0.70 0.00	43.38 -0.57 0.00	40.00 -0.48 0.00	39.04 -0.47 0.00	36.56 -0.41 0.00	35.41 -0.54 0.00
HARDSCRABBLE_WT_PWR 323673	28.85 0.65 0.00	27.18 0.61 0.00	26.24 0.59 0.00	25.67 0.58 0.00	25.89 0.56 0.00	27.92 0.63 0.00	34.43 0.74 0.00	41.07 0.96 0.00	39.00 0.88 0.00	36.02 0.77 0.00	36.59 0.75 0.00	35.57 0.70 0.00	34.69 0.65 0.00	34.62 0.64 0.00	35.68 0.70 0.00	37.11 0.76 0.00	42.67 0.96 0.00	52.46 1.38 0.00	48.03 1.26 0.00	45.09 1.14 0.00	41.42 0.93 0.00	40.58 1.07 0.00	37.85 0.89 0.00	36.84 0.90 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	29.44 1.24 0.00	27.68 1.12 0.00	26.73 1.08 0.00	26.32 1.23 0.00	26.58 1.24 0.00	28.66 1.36 0.00	35.47 1.79 0.00	42.36 2.25 0.00	40.30 2.17 0.00	37.15 1.90 0.00	37.70 1.86 0.00	36.65 1.78 0.00	35.78 1.74 0.00	35.74 1.77 0.00	36.80 1.82 0.00	38.24 1.89 0.00	44.25 2.54 0.00	54.66 3.58 0.00	50.05 3.27 0.00	46.72 2.77 0.00	42.75 2.27 0.00	41.65 2.13 0.00	38.82 1.85 0.00	37.63 1.69 0.00
HARSNRAD_115KV_TB1 81005	26.37 -1.83 0.00	24.68 -1.89 0.00	23.83 -1.82 0.00	23.09 -2.01 0.00	23.38 -1.95 0.00	25.41 -1.88 0.00	30.93 -2.76 0.00	36.10 -4.01 0.00	34.12 -4.00 0.00	31.61 -3.63 0.00	32.15 -3.69 0.00	31.42 -3.45 0.00	30.77 -3.27 0.00	30.78 -3.19 0.00	31.59 -3.39 0.00	32.71 -3.63 0.00	37.62 -4.09 0.00	47.04 -4.04 0.00	42.70 -4.07 0.00	39.82 -4.13 0.00	36.31 -4.17 0.00	35.64 -3.87 0.00	33.53 -3.44 0.00	33.10 -2.84 0.00
HARZA MOOSE___RIVER 24016	28.48 0.28 0.00	26.86 0.29 0.00	25.91 0.26 0.00	25.35 0.25 0.00	25.56 0.23 0.00	27.65 0.35 0.00	34.13 0.44 0.00	40.67 0.56 0.00	38.58 0.46 0.00	35.67 0.42 0.00	36.20 0.36 0.00	35.18 0.31 0.00	34.31 0.27 0.00	34.28 0.31 0.00	35.36 0.38 0.00	37.07 0.73 0.00	42.71 1.00 0.00	52.61 1.53 0.00	48.22 1.45 0.00	45.27 1.32 0.00	41.54 1.05 0.00	40.54 1.03 0.00	37.74 0.78 0.00	36.63 0.68 0.00
HDSNBRDG_115KV_BRDG_TB1 355580	27.64 -0.56 0.00	26.01 -0.56 0.00	25.11 -0.54 0.00	24.54 -0.55 0.00	24.78 -0.56 0.00	26.75 -0.55 0.00	33.01 -0.67 0.00	39.27 -0.84 0.00	37.32 -0.80 0.00	34.47 -0.78 0.00	35.09 -0.75 0.00	34.17 -0.70 0.00	33.36 -0.68 0.00	33.30 -0.68 0.00	34.28 -0.70 0.00	35.58 -0.76 0.00	40.91 -0.79 0.00	50.46 -0.61 0.00	46.12 -0.65 0.00	43.25 -0.70 0.00	39.67 -0.81 0.00	38.73 -0.79 0.00	36.19 -0.78 0.00	35.19 -0.75 0.00
HELLGATE_13_KV_LD 55870	30.04 1.83 -0.01	28.25 1.67 -0.01	27.27 1.62 -0.01	26.73 1.63 -0.01	26.99 1.65 -0.01	29.10 1.80 0.00	35.95 2.26 0.00	43.04 2.93 0.00	40.95 2.82 0.00	37.89 2.64 0.00	38.49 2.65 0.00	37.42 2.55 0.00	36.53 2.49 0.00	36.49 2.51 0.00	37.58 2.59 -0.02	39.00 2.65 0.00	45.06 3.34 -0.02	55.69 4.60 -0.01	50.95 4.16 -0.01	47.51 3.56 0.00	43.24 2.75 0.00	42.12 2.61 0.00	39.49 2.51 -0.01	38.18 2.23 -0.01
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	30.04 1.83 -0.01	28.25 1.67 -0.01	27.27 1.62 -0.01	26.73 1.63 -0.01	26.99 1.65 -0.01	29.10 1.80 0.00	35.95 2.26 0.00	43.04 2.93 0.00	40.95 2.82 0.00	37.89 2.64 0.00	38.49 2.65 0.00	37.42 2.55 0.00	36.53 2.49 0.00	36.49 2.51 0.00	37.58 2.59 -0.02	39.00 2.65 0.00	45.06 3.34 -0.02	55.69 4.60 -0.01	50.95 4.16 -0.01	47.51 3.56 0.00	43.24 2.75 0.00	42.12 2.61 0.00	39.49 2.51 -0.01	38.18 2.23 -0.01
HEMPSTEAD___ 23647	32.97 2.00 -2.77	30.92 1.81 -2.55	29.54 1.75 -2.14	29.26 1.78 -2.38	30.09 1.80 -2.95	33.14 1.97 -3.87	38.99 2.46 -2.85	45.16 3.17 -1.88	43.31 3.13 -2.06	37.96 2.71 0.00	38.64 2.80 0.00	37.35 2.48 0.00	36.42 2.38 0.00	36.39 2.41 0.00	37.36 2.38 0.00	38.75 2.40 0.00	45.29 3.59 0.00	57.25 5.01 -1.17	52.21 4.59 -0.85	50.11 3.91 -2.25	48.08 3.24 -4.36	42.36 2.85 0.00	39.15 2.18 0.00	37.85 1.90 0.00
HEWLETT__69_KV_BK3 55828	33.14 2.17 -2.77	31.08 1.97 -2.55	29.69 1.90 -2.14	29.39 1.91 -2.38	30.21 1.93 -2.95	33.27 2.10 -3.87	39.16 2.63 -2.85	45.52 3.53 -1.88	43.58 3.39 -2.06	38.28 3.03 0.00	38.92 3.08 0.00	37.66 2.79 0.00	36.70 2.66 0.00	36.66 2.68 0.00	37.67 2.69 0.00	39.07 2.73 0.00	45.67 3.96 0.00	57.35 5.11 -1.17	52.30 4.68 -0.85	50.24 4.04 -2.25	48.41 3.56 -4.36	42.72 3.20 0.00	39.78 2.81 0.00	38.35 2.41 0.00
HICKLING___1 23621	28.17 -0.03 0.00	26.46 -0.11 0.00	25.55 -0.10 0.00	24.84 -0.25 0.00	25.13 -0.20 0.00	27.24 -0.05 0.00	33.49 -0.20 0.00	39.63 -0.48 0.00	37.44 -0.69 0.00	34.61 -0.63 0.00	35.23 -0.61 0.00	34.38 -0.49 0.00	33.57 -0.48 0.00	33.50 -0.48 0.00	34.49 -0.49 0.00	35.77 -0.58 0.00	41.12 -0.58 0.00	51.28 0.20 0.00	46.63 -0.14 0.00	43.65 -0.31 0.00	39.88 -0.61 0.00	39.04 -0.47 0.00	36.56 -0.41 0.00	35.84 -0.11 0.00
HICKLING___2 23622	28.17 -0.03 0.00	26.46 -0.11 0.00	25.55 -0.10 0.00	24.84 -0.25 0.00	25.13 -0.20 0.00	27.24 -0.05 0.00	33.49 -0.20 0.00	39.63 -0.48 0.00	37.44 -0.69 0.00	34.61 -0.63 0.00	35.23 -0.61 0.00	34.38 -0.49 0.00	33.57 -0.48 0.00	33.50 -0.48 0.00	34.49 -0.49 0.00	35.77 -0.58 0.00	41.12 -0.58 0.00	51.28 0.20 0.00	46.63 -0.14 0.00	43.65 -0.31 0.00	39.88 -0.61 0.00	39.04 -0.47 0.00	36.56 -0.41 0.00	35.84 -0.11 0.00
HIGH FALLS___HY 23754	29.67 1.47 0.00	27.87 1.30 0.00	26.91 1.26 0.00	26.35 1.25 0.00	26.63 1.29 0.00	28.71 1.42 0.00	35.64 1.95 0.00	42.48 2.37 0.00	40.45 2.33 0.00	37.25 2.01 0.00	37.77 1.94 0.00	36.68 1.81 0.00	35.85 1.80 0.00	35.54 1.56 0.00	36.62 1.64 0.00	38.09 1.74 0.00	44.12 2.42 0.00	54.55 3.47 0.00	49.95 3.18 0.00	46.59 2.64 0.00	42.59 2.11 0.00	41.81 2.29 0.00	38.96 2.00 0.00	37.78 1.83 0.00
HILLBURN___GT 23639	29.41 1.21 0.00	27.66 1.09 0.00	26.73 1.08 0.00	26.32 1.23 0.00	26.58 1.24 0.00	28.66 1.36 0.00	35.44 1.75 0.00	42.48 2.37 0.00	40.41 2.29 0.00	37.25 2.01 0.00	37.88 2.04 0.00	36.82 1.95 0.00	35.95 1.91 0.00	35.91 1.94 0.00	36.94 1.96 0.00	38.35 2.00 0.00	44.34 2.63 0.00	54.81 3.73 0.00	50.19 3.41 0.00	46.81 2.86 0.00	42.75 2.27 0.00	41.65 2.13 0.00	38.71 1.74 0.00	37.42 1.47 0.00
HILLSIDE_115KV_TB1 80332	27.84 -0.37 0.00	26.17 -0.40 0.00	25.26 -0.38 0.00	24.59 -0.50 0.00	24.88 -0.46 0.00	26.94 -0.35 0.00	33.12 -0.57 0.00	39.19 -0.92 0.00	37.02 -1.11 0.00	34.19 -1.06 0.00	34.80 -1.04 0.00	33.96 -0.91 0.00	33.16 -0.89 0.00	33.09 -0.88 0.00	34.07 -0.91 0.00	35.33 -1.02 0.00	40.58 -1.13 0.00	50.46 -0.61 0.00	45.98 -0.80 0.00	42.99 -0.97 0.00	39.31 -1.17 0.00	38.45 -1.07 0.00	36.04 -0.92 0.00	35.33 -0.61 0.00

HISHELDN_WT_PWR 323625	27.04 -1.16 0.00	25.32 -1.25 0.00	24.44 -1.21 0.00	23.74 -1.36 0.00	23.97 -1.37 0.00	26.01 -1.28 0.00	31.70 -1.99 0.00	37.26 -2.85 0.00	35.04 -3.09 0.00	32.53 -2.71 0.00	33.04 -2.80 0.00	32.33 -2.54 0.00	31.59 -2.45 0.00	31.60 -2.38 0.00	32.46 -2.52 0.00	33.58 -2.76 0.00	38.62 -3.09 0.00	48.37 -2.71 0.00	43.87 -2.90 0.00	41.01 -2.94 0.00	37.49 -3.00 0.00	36.67 -2.85 0.00	34.93 -2.03 0.00	34.54 -1.40 0.00
HOLTSVILLE_IC_1 23690	33.45 2.48 -2.77	31.40 2.29 -2.55	29.97 2.18 -2.14	29.69 2.21 -2.38	30.54 2.25 -2.95	33.65 2.48 -3.87	39.84 3.30 -2.85	46.20 4.21 -1.88	44.27 4.08 -2.06	38.56 3.31 0.00	39.17 3.33 0.00	37.69 2.82 0.00	36.73 2.69 0.00	36.73 2.75 0.00	37.71 2.73 0.00	39.18 2.84 0.00	46.04 4.34 0.00	58.22 5.97 -1.17	53.09 5.47 -0.85	51.03 4.83 -2.25	49.05 4.21 -4.36	42.84 3.32 0.00	39.55 2.59 0.00	38.28 2.34 0.00
HOLTSVILLE_IC_10 23699	33.65 2.68 -2.77	31.56 2.44 -2.55	30.13 2.33 -2.14	29.84 2.36 -2.38	30.69 2.41 -2.95	33.85 2.68 -3.88	40.07 3.54 -2.85	46.52 4.53 -1.88	44.57 4.38 -2.06	38.84 3.60 0.00	39.46 3.62 0.00	37.97 3.10 0.00	36.97 2.93 0.00	37.00 3.02 0.00	37.95 2.97 0.00	39.44 3.09 0.00	46.42 4.71 0.00	58.68 6.44 -1.17	53.52 5.89 -0.85	51.43 5.23 -2.25	49.42 4.57 -4.36	43.15 3.63 0.00	39.81 2.85 0.00	38.57 2.62 0.00
HOLTSVILLE_IC_2 23691	33.45 2.48 -2.77	31.40 2.29 -2.55	29.97 2.18 -2.14	29.69 2.21 -2.38	30.54 2.25 -2.95	33.65 2.48 -3.87	39.84 3.30 -2.85	46.20 4.21 -1.88	44.27 4.08 -2.06	38.56 3.31 0.00	39.17 3.33 0.00	37.69 2.82 0.00	36.73 2.69 0.00	36.73 2.75 0.00	37.71 2.73 0.00	39.18 2.84 0.00	46.04 4.34 0.00	58.22 5.97 -1.17	53.09 5.47 -0.85	51.03 4.83 -2.25	49.05 4.21 -4.36	42.84 3.32 0.00	39.55 2.59 0.00	38.28 2.34 0.00
HOLTSVILLE_IC_3 23692	33.45 2.48 -2.77	31.40 2.29 -2.55	29.97 2.18 -2.14	29.69 2.21 -2.38	30.54 2.25 -2.95	33.65 2.48 -3.87	39.84 3.30 -2.85	46.20 4.21 -1.88	44.27 4.08 -2.06	38.56 3.31 0.00	39.17 3.33 0.00	37.69 2.82 0.00	36.73 2.69 0.00	36.73 2.75 0.00	37.71 2.73 0.00	39.18 2.84 0.00	46.04 4.34 0.00	58.22 5.97 -1.17	53.09 5.47 -0.85	51.03 4.83 -2.25	49.05 4.21 -4.36	42.84 3.32 0.00	39.55 2.59 0.00	38.28 2.34 0.00
HOLTSVILLE_IC_4 23693	33.45 2.48 -2.77	31.40 2.29 -2.55	29.97 2.18 -2.14	29.69 2.21 -2.38	30.54 2.25 -2.95	33.65 2.48 -3.87	39.84 3.30 -2.85	46.20 4.21 -1.88	44.27 4.08 -2.06	38.56 3.31 0.00	39.17 3.33 0.00	37.69 2.82 0.00	36.73 2.69 0.00	36.73 2.75 0.00	37.71 2.73 0.00	39.18 2.84 0.00	46.04 4.34 0.00	58.22 5.97 -1.17	53.09 5.47 -0.85	51.03 4.83 -2.25	49.05 4.21 -4.36	42.84 3.32 0.00	39.55 2.59 0.00	38.28 2.34 0.00
HOLTSVILLE_IC_5 23694	33.45 2.48 -2.77	31.40 2.29 -2.55	29.97 2.18 -2.14	29.69 2.21 -2.38	30.54 2.25 -2.95	33.65 2.48 -3.87	39.84 3.30 -2.85	46.20 4.21 -1.88	44.27 4.08 -2.06	38.56 3.31 0.00	39.17 3.33 0.00	37.69 2.82 0.00	36.73 2.69 0.00	36.73 2.75 0.00	37.71 2.73 0.00	39.18 2.84 0.00	46.04 4.34 0.00	58.22 5.97 -1.17	53.09 5.47 -0.85	51.03 4.83 -2.25	49.05 4.21 -4.36	42.84 3.32 0.00	39.55 2.59 0.00	38.28 2.34 0.00
HOLTSVILLE_IC_6 23695	33.65 2.68 -2.77	31.56 2.44 -2.55	30.13 2.33 -2.14	29.84 2.36 -2.38	30.69 2.41 -2.95	33.85 2.68 -3.88	40.07 3.54 -2.85	46.52 4.53 -1.88	44.57 4.38 -2.06	38.84 3.60 0.00	39.46 3.62 0.00	37.97 3.10 0.00	36.97 2.93 0.00	37.00 3.02 0.00	37.95 2.97 0.00	39.44 3.09 0.00	46.42 4.71 0.00	58.68 6.44 -1.17	53.52 5.89 -0.85	51.43 5.23 -2.25	49.42 4.57 -4.36	43.15 3.63 0.00	39.81 2.85 0.00	38.57 2.62 0.00
HOLTSVILLE_IC_7 23696	33.65 2.68 -2.77	31.56 2.44 -2.55	30.13 2.33 -2.14	29.84 2.36 -2.38	30.69 2.41 -2.95	33.85 2.68 -3.88	40.07 3.54 -2.85	46.52 4.53 -1.88	44.57 4.38 -2.06	38.84 3.60 0.00	39.46 3.62 0.00	37.97 3.10 0.00	36.97 2.93 0.00	37.00 3.02 0.00	37.95 2.97 0.00	39.44 3.09 0.00	46.42 4.71 0.00	58.68 6.44 -1.17	53.52 5.89 -0.85	51.43 5.23 -2.25	49.42 4.57 -4.36	43.15 3.63 0.00	39.81 2.85 0.00	38.57 2.62 0.00
HOLTSVILLE_IC_8 23697	33.65 2.68 -2.77	31.56 2.44 -2.55	30.13 2.33 -2.14	29.84 2.36 -2.38	30.69 2.41 -2.95	33.85 2.68 -3.88	40.07 3.54 -2.85	46.52 4.53 -1.88	44.57 4.38 -2.06	38.84 3.60 0.00	39.46 3.62 0.00	37.97 3.10 0.00	36.97 2.93 0.00	37.00 3.02 0.00	37.95 2.97 0.00	39.44 3.09 0.00	46.42 4.71 0.00	58.68 6.44 -1.17	53.52 5.89 -0.85	51.43 5.23 -2.25	49.42 4.57 -4.36	43.15 3.63 0.00	39.81 2.85 0.00	38.57 2.62 0.00
HOLTSVILLE_IC_9 23698	33.65 2.68 -2.77	31.56 2.44 -2.55	30.13 2.33 -2.14	29.84 2.36 -2.38	30.69 2.41 -2.95	33.85 2.68 -3.88	40.07 3.54 -2.85	46.52 4.53 -1.88	44.57 4.38 -2.06	38.84 3.60 0.00	39.46 3.62 0.00	37.97 3.10 0.00	36.97 2.93 0.00	37.00 3.02 0.00	37.95 2.97 0.00	39.44 3.09 0.00	46.42 4.71 0.00	58.68 6.44 -1.17	53.52 5.89 -0.85	51.43 5.23 -2.25	49.42 4.57 -4.36	43.15 3.63 0.00	39.81 2.85 0.00	38.57 2.62 0.00
HOMER_HL_115KV_TB2 355744	27.72 -0.48 0.00	25.96 -0.61 0.00	25.06 -0.59 0.00	24.34 -0.75 0.00	24.65 -0.68 0.00	26.80 -0.49 0.00	32.75 -0.94 0.00	38.51 -1.60 0.00	36.10 -2.02 0.00	33.31 -1.94 0.00	33.98 -1.86 0.00	33.23 -1.64 0.00	32.51 -1.53 0.00	32.48 -1.49 0.00	33.33 -1.64 0.00	34.49 -1.85 0.00	39.66 -2.04 0.00	49.75 -1.33 0.00	45.09 -1.68 0.00	42.02 -1.93 0.00	38.34 -2.15 0.00	37.58 -1.94 0.00	35.23 -1.74 0.00	34.87 -1.08 0.00
HOWARD_WT_PWR 323690	28.09 -0.11 0.00	26.35 -0.21 0.00	25.44 -0.21 0.00	24.69 -0.40 0.00	24.93 -0.41 0.00	26.97 -0.33 0.00	32.95 -0.74 0.00	38.83 -1.29 0.00	36.53 -1.60 0.00	33.77 -1.48 0.00	34.30 -1.54 0.00	33.51 -1.36 0.00	32.75 -1.29 0.00	32.72 -1.26 0.00	33.68 -1.29 0.00	34.97 -1.38 0.00	40.16 -1.54 0.00	50.41 -0.67 0.00	45.88 -0.89 0.00	42.99 -0.97 0.00	39.35 -1.13 0.00	38.49 -1.03 0.00	36.60 -0.37 0.00	36.02 0.07 0.00
HQ_GEN_CEDARS 23644	28.43 0.23 0.00	26.81 0.24 0.00	25.83 0.18 0.00	25.30 0.20 0.00	25.54 0.20 0.00	27.43 0.14 0.00	33.86 0.17 0.00	39.99 -0.12 0.00	38.24 0.11 0.00	35.49 0.25 0.00	36.02 0.18 0.00	35.01 0.14 0.00	34.21 0.17 0.00	34.14 0.17 0.00	35.15 0.17 0.00	36.60 0.25 0.00	41.50 -0.21 0.00	50.26 -0.82 0.00	46.12 -0.65 0.00	43.56 -0.40 0.00	40.40 -0.08 0.00	39.44 -0.08 0.00	37.26 0.30 0.00	36.16 0.22 0.00
HQ_GEN_CEDARS_PROXY 323590	28.43 0.22 0.00	26.80 0.24 0.00	25.83 0.18 0.00	25.29 0.20 0.00	25.54 0.20 0.00	27.43 0.14 0.00	33.86 0.17 0.00	39.99 -0.12 0.00	38.24 0.11 0.00	35.49 0.25 0.00	36.02 0.18 0.00	35.01 0.14 0.00	34.21 0.17 0.00	34.15 0.17 0.00	35.15 0.18 0.00	36.60 0.26 0.00	41.50 -0.21 0.00	50.26 -0.82 0.00	46.12 -0.65 0.00	43.60 -0.35 0.00	40.40 -0.08 0.00	39.48 -0.04 0.00	37.26 0.29 0.00	36.16 0.22 0.00

HQ_GEN_IMPORT 323601	28.23 0.03 0.00	26.59 0.03 0.00	25.68 0.03 0.00	25.12 0.03 0.00	25.36 0.03 0.00	27.29 0.00 0.00	33.69 0.00 0.00	39.99 -0.12 0.00	38.05 -0.08 0.00	35.21 -0.04 0.00	35.80 -0.04 0.00	34.80 -0.07 0.00	34.01 -0.03 0.00	33.91 -0.07 0.00	34.91 -0.07 0.00	36.31 -0.04 0.00	43.60 -0.21 -2.10	48.26 -0.72 2.10	46.16 -0.61 0.00	43.60 -0.35 0.00	40.36 -0.12 0.00	39.40 -0.12 0.00	36.97 0.00 0.00	35.91 -0.04 0.00
HQ_GEN_WHEEL 23651	28.23 0.03 0.00	26.59 0.03 0.00	25.68 0.03 0.00	25.12 0.03 0.00	25.36 0.03 0.00	27.29 0.00 0.00	33.69 0.00 0.00	39.99 -0.12 0.00	38.05 -0.08 0.00	35.21 -0.04 0.00	35.80 -0.04 0.00	34.80 -0.07 0.00	34.01 -0.03 0.00	33.91 -0.07 0.00	34.91 -0.07 0.00	36.31 -0.04 0.00	43.60 -0.21 -2.10	48.26 -0.72 2.10	46.16 -0.61 0.00	43.60 -0.35 0.00	40.36 -0.12 0.00	39.40 -0.12 0.00	36.97 0.00 0.00	35.91 -0.04 0.00
HUDSON AVE_GT_3 23810	29.87 1.66 0.00	28.08 1.51 0.00	27.11 1.46 0.00	26.58 1.48 0.00	26.83 1.49 0.00	28.93 1.64 0.00	35.74 2.05 0.00	43.04 2.93 0.00	40.91 2.78 0.00	37.82 2.57 0.00	38.46 2.62 0.00	37.38 2.51 0.00	36.49 2.45 0.00	36.45 2.48 0.00	37.54 2.55 -0.01	38.89 2.54 0.00	45.06 3.34 -0.01	55.59 4.49 -0.01	50.90 4.12 -0.01	47.47 3.52 0.00	43.24 2.75 0.00	42.08 2.57 0.00	39.30 2.33 0.00	37.96 2.01 0.00
HUDSON AVE_GT_4 23540	29.87 1.66 0.00	28.08 1.51 0.00	27.11 1.46 0.00	26.58 1.48 0.00	26.83 1.49 0.00	28.93 1.64 0.00	35.74 2.05 0.00	43.04 2.93 0.00	40.91 2.78 0.00	37.82 2.57 0.00	38.46 2.62 0.00	37.38 2.51 0.00	36.49 2.45 0.00	36.45 2.48 0.00	37.54 2.55 -0.01	38.89 2.54 0.00	45.06 3.34 -0.01	55.59 4.49 -0.01	50.90 4.12 -0.01	47.47 3.52 0.00	43.24 2.75 0.00	42.08 2.57 0.00	39.30 2.33 0.00	37.96 2.01 0.00
HUDSON AVE_GT_5 23657	29.87 1.66 0.00	28.08 1.51 0.00	27.11 1.46 0.00	26.58 1.48 0.00	26.83 1.49 0.00	28.93 1.64 0.00	35.74 2.05 0.00	43.04 2.93 0.00	40.91 2.78 0.00	37.82 2.57 0.00	38.46 2.62 0.00	37.38 2.51 0.00	36.49 2.45 0.00	36.45 2.48 0.00	37.54 2.55 -0.01	38.89 2.54 0.00	45.06 3.34 -0.01	55.59 4.49 -0.01	50.90 4.12 -0.01	47.47 3.52 0.00	43.24 2.75 0.00	42.08 2.57 0.00	39.30 2.33 0.00	37.96 2.01 0.00
HUDSON_AVE_10 24168	29.84 1.64 0.00	28.03 1.46 0.00	27.06 1.41 0.00	26.52 1.43 0.00	26.78 1.44 0.00	28.88 1.58 0.00	35.71 2.02 0.00	43.00 2.89 0.00	40.91 2.78 0.00	37.82 2.57 0.00	38.42 2.58 0.00	37.35 2.48 0.00	36.46 2.42 0.00	36.42 2.45 0.00	37.51 2.52 -0.01	38.89 2.54 0.00	45.06 3.34 -0.01	55.59 4.49 -0.01	50.90 4.12 -0.01	47.47 3.52 0.00	43.24 2.75 0.00	42.04 2.53 0.00	39.26 2.29 0.00	37.92 1.98 0.00
HUDSON___115KV_TB 4 355613	29.39 1.18 0.00	27.68 1.12 0.00	26.78 1.13 0.00	26.20 1.10 0.00	26.45 1.11 0.00	28.44 1.15 0.00	35.27 1.58 0.00	41.51 1.40 0.00	39.54 1.41 0.00	36.44 1.20 0.00	36.95 1.11 0.00	35.95 1.08 0.00	35.00 0.95 0.00	34.96 0.99 0.00	36.06 1.08 0.00	37.55 1.20 0.00	43.29 1.58 0.00	53.33 2.25 0.00	49.02 2.25 0.00	45.84 1.89 0.00	42.27 1.78 0.00	41.25 1.74 0.00	38.45 1.48 0.00	37.71 1.76 0.00
HUNTER MOUNT___DRP 323613	29.56 1.35 0.00	27.84 1.28 0.00	26.93 1.28 0.00	26.32 1.23 0.00	26.58 1.24 0.00	28.55 1.26 0.00	35.51 1.82 0.00	41.60 1.48 0.00	39.65 1.52 0.00	36.48 1.23 0.00	36.91 1.08 0.00	35.92 1.05 0.00	35.00 0.95 0.00	34.93 0.95 0.00	36.10 1.12 0.00	37.62 1.27 0.00	43.42 1.71 0.00	53.48 2.40 0.00	49.25 2.48 0.00	46.06 2.11 0.00	42.51 2.02 0.00	41.53 2.02 0.00	38.67 1.70 0.00	37.96 2.01 0.00
HUNTINGTON_RES_REC 323705	33.46 2.48 -2.77	31.40 2.29 -2.55	29.97 2.18 -2.14	29.69 2.21 -2.38	30.49 2.20 -2.95	33.57 2.40 -3.88	39.64 3.10 -2.85	46.00 4.01 -1.88	44.08 3.89 -2.07	38.53 3.28 0.00	39.13 3.30 0.00	37.69 2.82 0.00	36.80 2.76 0.00	36.79 2.82 0.00	37.71 2.73 0.00	39.15 2.80 0.00	46.08 4.38 0.00	58.27 6.02 -1.17	53.14 5.52 -0.85	50.99 4.79 -2.25	48.93 4.09 -4.36	42.99 3.48 0.00	39.59 2.62 0.00	38.35 2.41 0.00
HUNTLEY___63 23557	26.57 -1.64 0.00	24.84 -1.73 0.00	24.01 -1.64 0.00	23.26 -1.83 0.00	23.56 -1.77 0.00	25.60 -1.69 0.00	31.16 -2.53 0.00	36.38 -3.73 0.00	34.39 -3.74 0.00	31.90 -3.35 0.00	32.43 -3.40 0.00	31.73 -3.14 0.00	31.05 -3.00 0.00	31.05 -2.92 0.00	31.87 -3.11 0.00	33.00 -3.34 0.00	37.95 -3.75 0.00	47.50 -3.58 0.00	43.12 -3.65 0.00	40.17 -3.78 0.00	36.64 -3.85 0.00	36.00 -3.52 0.00	33.79 -3.18 0.00	33.36 -2.59 0.00
HUNTLEY___64 23558	26.57 -1.64 0.00	24.84 -1.73 0.00	24.01 -1.64 0.00	23.26 -1.83 0.00	23.56 -1.77 0.00	25.60 -1.69 0.00	31.16 -2.53 0.00	36.38 -3.73 0.00	34.39 -3.74 0.00	31.90 -3.35 0.00	32.43 -3.40 0.00	31.73 -3.14 0.00	31.05 -3.00 0.00	31.05 -2.92 0.00	31.87 -3.11 0.00	33.00 -3.34 0.00	37.95 -3.75 0.00	47.50 -3.58 0.00	43.12 -3.65 0.00	40.17 -3.78 0.00	36.64 -3.85 0.00	36.00 -3.52 0.00	33.79 -3.18 0.00	33.36 -2.59 0.00
HUNTLEY___65 23559	26.57 -1.64 0.00	24.84 -1.73 0.00	24.01 -1.64 0.00	23.26 -1.83 0.00	23.56 -1.77 0.00	25.60 -1.69 0.00	31.16 -2.53 0.00	36.38 -3.73 0.00	34.39 -3.74 0.00	31.90 -3.35 0.00	32.43 -3.40 0.00	31.73 -3.14 0.00	31.05 -3.00 0.00	31.05 -2.92 0.00	31.87 -3.11 0.00	33.00 -3.34 0.00	37.95 -3.75 0.00	47.50 -3.58 0.00	43.12 -3.65 0.00	40.17 -3.78 0.00	36.64 -3.85 0.00	36.00 -3.52 0.00	33.79 -3.18 0.00	33.36 -2.59 0.00
HUNTLEY___66 23560	26.57 -1.64 0.00	24.84 -1.73 0.00	24.01 -1.64 0.00	23.26 -1.83 0.00	23.56 -1.77 0.00	25.60 -1.69 0.00	31.16 -2.53 0.00	36.38 -3.73 0.00	34.39 -3.74 0.00	31.90 -3.35 0.00	32.43 -3.40 0.00	31.73 -3.14 0.00	31.05 -3.00 0.00	31.05 -2.92 0.00	31.87 -3.11 0.00	33.00 -3.34 0.00	37.95 -3.75 0.00	47.50 -3.58 0.00	43.12 -3.65 0.00	40.17 -3.78 0.00	36.64 -3.85 0.00	36.00 -3.52 0.00	33.79 -3.18 0.00	33.36 -2.59 0.00
HUNTLEY___67 23561	26.54 -1.66 0.00	24.84 -1.73 0.00	24.01 -1.64 0.00	23.26 -1.83 0.00	23.56 -1.77 0.00	25.60 -1.69 0.00	31.13 -2.56 0.00	36.34 -3.77 0.00	34.31 -3.81 0.00	31.83 -3.42 0.00	32.33 -3.51 0.00	31.63 -3.24 0.00	30.98 -3.06 0.00	30.95 -3.02 0.00	31.80 -3.18 0.00	32.93 -3.42 0.00	37.83 -3.88 0.00	47.25 -3.83 0.00	42.89 -3.88 0.00	40.04 -3.91 0.00	36.56 -3.93 0.00	35.88 -3.64 0.00	33.71 -3.25 0.00	33.28 -2.66 0.00
HUNTLEY___68 23562	26.54 -1.66 0.00	24.84 -1.73 0.00	24.01 -1.64 0.00	23.26 -1.83 0.00	23.56 -1.77 0.00	25.60 -1.69 0.00	31.13 -2.56 0.00	36.34 -3.77 0.00	34.31 -3.81 0.00	31.83 -3.42 0.00	32.33 -3.51 0.00	31.63 -3.24 0.00	30.98 -3.06 0.00	30.95 -3.02 0.00	31.80 -3.18 0.00	32.93 -3.42 0.00	37.83 -3.88 0.00	47.25 -3.83 0.00	42.89 -3.88 0.00	40.04 -3.91 0.00	36.56 -3.93 0.00	35.88 -3.64 0.00	33.71 -3.25 0.00	33.28 -2.66 0.00

HYLAND___LFGE 323620	28.60 0.39 0.00	26.78 0.21 0.00	25.78 0.13 0.00	24.92 -0.17 0.00	25.18 -0.15 0.00	27.40 0.11 0.00	33.99 0.30 0.00	40.59 0.48 0.00	38.32 0.19 0.00	35.24 0.00 0.00	35.59 -0.25 0.00	34.63 -0.24 0.00	33.81 -0.24 0.00	33.81 -0.17 0.00	34.77 -0.21 0.00	36.31 -0.04 0.00	40.83 -0.88 0.00	51.33 0.26 0.00	46.68 -0.09 0.00	43.78 -0.18 0.00	39.80 -0.69 0.00	38.61 -0.91 0.00	37.85 0.89 0.00	37.02 1.08 0.00
INDECK___CORINTH 23802	29.78 1.58 0.00	28.08 1.51 0.00	27.11 1.46 0.00	26.52 1.43 0.00	26.78 1.44 0.00	28.90 1.61 0.00	35.95 2.26 0.00	42.68 2.57 0.00	40.64 2.52 0.00	37.50 2.26 0.00	38.06 2.22 0.00	37.10 2.23 0.00	36.02 1.97 0.00	35.88 1.90 0.00	37.04 2.06 0.00	38.57 2.22 0.00	44.58 2.88 0.00	55.06 3.99 0.00	50.74 3.97 0.00	47.38 3.43 0.00	43.68 3.20 0.00	42.60 3.08 0.00	39.59 2.62 0.00	38.50 2.55 0.00
INDECK___ILION 23567	28.62 0.42 0.00	26.99 0.43 0.00	26.06 0.41 0.00	25.50 0.40 0.00	25.72 0.38 0.00	27.73 0.44 0.00	34.23 0.54 0.00	40.83 0.72 0.00	38.77 0.65 0.00	35.84 0.60 0.00	36.41 0.57 0.00	35.43 0.56 0.00	34.55 0.51 0.00	34.52 0.54 0.00	35.54 0.56 0.00	36.97 0.62 0.00	42.50 0.79 0.00	52.25 1.17 0.00	47.85 1.08 0.00	44.88 0.92 0.00	41.25 0.77 0.00	40.35 0.83 0.00	37.63 0.67 0.00	36.59 0.65 0.00
INDECK___OLEAN 23982	27.72 -0.48 0.00	25.96 -0.61 0.00	25.06 -0.59 0.00	24.37 -0.73 0.00	24.65 -0.68 0.00	26.78 -0.52 0.00	32.75 -0.94 0.00	38.55 -1.56 0.00	36.07 -2.06 0.00	33.38 -1.87 0.00	34.01 -1.83 0.00	33.27 -1.60 0.00	32.51 -1.53 0.00	32.48 -1.49 0.00	33.33 -1.64 0.00	34.46 -1.89 0.00	39.62 -2.08 0.00	49.65 -1.43 0.00	44.99 -1.78 0.00	41.93 -2.02 0.00	38.30 -2.19 0.00	37.50 -2.01 0.00	35.49 -1.48 0.00	35.23 -0.72 0.00
INDECK___OSWEGO 23783	27.27 -0.93 0.00	25.69 -0.88 0.00	24.80 -0.85 0.00	24.24 -0.85 0.00	24.47 -0.86 0.00	26.39 -0.90 0.00	32.58 -1.11 0.00	38.87 -1.24 0.00	36.90 -1.22 0.00	34.12 -1.13 0.00	34.69 -1.15 0.00	33.79 -1.08 0.00	32.95 -1.09 0.00	32.92 -1.05 0.00	33.86 -1.12 0.00	35.18 -1.16 0.00	40.46 -1.25 0.00	49.91 -1.17 0.00	45.60 -1.17 0.00	42.77 -1.18 0.00	39.27 -1.21 0.00	38.33 -1.18 0.00	35.86 -1.11 0.00	34.90 -1.04 0.00
INDECK___YERKES 23781	26.60 -1.61 0.00	24.87 -1.70 0.00	24.03 -1.62 0.00	23.31 -1.78 0.00	23.56 -1.77 0.00	25.60 -1.69 0.00	31.20 -2.49 0.00	36.58 -3.53 0.00	34.43 -3.70 0.00	32.04 -3.21 0.00	32.51 -3.33 0.00	31.77 -3.10 0.00	31.08 -2.96 0.00	31.09 -2.89 0.00	31.90 -3.08 0.00	32.97 -3.38 0.00	37.87 -3.84 0.00	47.45 -3.63 0.00	42.98 -3.79 0.00	40.13 -3.82 0.00	36.64 -3.85 0.00	35.88 -3.63 0.00	34.23 -2.74 0.00	33.93 -2.01 0.00
INDIAN POINT_GT_1 24139	29.56 1.35 0.00	27.79 1.22 0.00	26.83 1.18 0.00	26.35 1.25 0.00	26.60 1.27 0.00	28.66 1.36 0.00	35.47 1.79 0.00	42.56 2.45 0.00	40.49 2.36 0.00	37.36 2.11 0.00	37.99 2.15 0.00	36.93 2.06 0.00	36.05 2.01 0.00	35.98 2.00 0.00	37.04 2.06 0.00	38.42 2.07 0.00	44.46 2.75 0.00	54.91 3.83 -0.01	50.28 3.51 -0.01	46.90 2.94 0.00	42.87 2.39 0.00	41.69 2.17 0.00	38.89 1.92 0.00	37.63 1.69 0.00
INDIAN POINT_GT_2 23659	29.56 1.35 0.00	27.79 1.22 0.00	26.83 1.18 0.00	26.35 1.25 0.00	26.60 1.27 0.00	28.66 1.36 0.00	35.47 1.79 0.00	42.56 2.45 0.00	40.49 2.36 0.00	37.36 2.11 0.00	37.99 2.15 0.00	36.93 2.06 0.00	36.05 2.01 0.00	35.98 2.00 0.00	37.04 2.06 0.00	38.42 2.07 0.00	44.46 2.75 0.00	54.91 3.83 -0.01	50.28 3.51 -0.01	46.90 2.94 0.00	42.87 2.39 0.00	41.69 2.17 0.00	38.89 1.92 0.00	37.63 1.69 0.00
INDIAN POINT_GT_3 24019	29.56 1.35 0.00	27.79 1.22 0.00	26.83 1.18 0.00	26.35 1.25 0.00	26.60 1.27 0.00	28.66 1.36 0.00	35.47 1.79 0.00	42.56 2.45 0.00	40.49 2.36 0.00	37.36 2.11 0.00	37.99 2.15 0.00	36.93 2.06 0.00	36.05 2.01 0.00	35.98 2.00 0.00	37.04 2.06 0.00	38.42 2.07 0.00	44.46 2.75 0.00	54.91 3.83 -0.01	50.28 3.51 -0.01	46.90 2.94 0.00	42.87 2.39 0.00	41.69 2.17 0.00	38.89 1.92 0.00	37.63 1.69 0.00
INDIAN POINT___2 23530	29.44 1.24 0.00	27.71 1.14 0.00	26.75 1.10 0.00	26.32 1.23 0.00	26.58 1.24 0.00	28.63 1.34 0.00	35.41 1.72 0.00	42.48 2.37 0.00	40.41 2.29 0.00	37.25 2.01 0.00	37.92 2.08 0.00	36.86 1.99 0.00	35.98 1.94 0.00	35.94 1.97 0.00	36.97 1.99 0.00	38.38 2.03 0.00	44.38 2.67 0.00	54.81 3.73 0.00	50.24 3.46 0.00	46.81 2.86 0.00	42.79 2.31 0.00	41.65 2.13 0.00	38.71 1.74 0.00	37.42 1.47 0.00
INDIAN POINT___3 23531	29.64 1.44 0.00	27.87 1.30 0.00	26.93 1.28 0.00	26.32 1.23 0.00	26.58 1.24 0.00	28.66 1.36 0.00	35.44 1.75 0.00	42.52 2.41 0.00	40.41 2.29 0.00	37.32 2.08 0.00	37.95 2.11 0.00	36.89 2.02 0.00	36.02 1.97 0.00	35.95 1.97 0.00	37.01 2.03 0.00	38.38 2.04 0.00	44.38 2.67 0.00	54.81 3.73 0.00	50.19 3.41 0.00	46.85 2.90 0.00	42.79 2.31 0.00	41.61 2.09 0.00	38.85 1.89 0.00	37.60 1.65 0.00
INGHAM_C_115KV_TB7 356103	28.93 0.73 0.00	27.26 0.69 0.00	26.32 0.67 0.00	25.75 0.65 0.00	25.97 0.63 0.00	28.00 0.71 0.00	34.53 0.84 0.00	41.19 1.08 0.00	39.08 0.95 0.00	36.09 0.85 0.00	36.66 0.82 0.00	35.67 0.80 0.00	34.79 0.75 0.00	34.72 0.75 0.00	35.78 0.80 0.00	37.18 0.84 0.00	42.79 1.08 0.00	52.61 1.53 0.00	48.17 1.40 0.00	45.23 1.27 0.00	41.54 1.05 0.00	40.70 1.19 0.00	37.97 1.00 0.00	36.95 1.01 0.00
IP CORINTH___1 23988	29.78 1.58 0.00	28.08 1.51 0.00	27.11 1.46 0.00	26.52 1.43 0.00	26.78 1.44 0.00	28.91 1.61 0.00	35.95 2.26 0.00	42.68 2.57 0.00	40.64 2.52 0.00	37.50 2.26 0.00	38.06 2.22 0.00	37.10 2.23 0.00	36.02 1.97 0.00	35.88 1.90 0.00	37.04 2.06 0.00	38.57 2.22 0.00	44.54 2.84 0.00	55.01 3.93 0.00	50.70 3.93 0.00	47.38 3.43 0.00	43.68 3.20 0.00	42.60 3.08 0.00	39.59 2.62 0.00	38.50 2.55 0.00
IP___TICONDEROGA 23804	30.80 2.59 0.00	29.04 2.47 0.00	28.06 2.41 0.00	27.45 2.36 0.00	27.69 2.36 0.00	29.92 2.62 0.00	37.43 3.74 0.00	44.32 4.21 0.00	42.24 4.12 0.00	38.95 3.70 0.00	39.46 3.62 0.00	38.50 3.63 0.00	37.24 3.20 0.00	37.07 3.09 0.00	38.37 3.39 0.00	39.98 3.63 0.00	46.34 4.63 0.00	57.36 6.28 0.00	53.09 6.31 0.00	49.54 5.58 0.00	45.75 5.26 0.00	44.65 5.14 0.00	41.37 4.40 0.00	40.22 4.28 0.00
ISLIP_RES_REC 323679	33.76 2.79 -2.77	31.67 2.55 -2.55	30.23 2.44 -2.14	29.94 2.46 -2.38	30.80 2.51 -2.95	33.98 2.81 -3.88	40.24 3.71 -2.85	46.76 4.77 -1.88	44.80 4.61 -2.06	39.02 3.77 0.00	39.64 3.80 0.00	38.15 3.28 0.00	37.17 3.13 0.00	37.17 3.19 0.00	38.13 3.15 0.00	39.66 3.31 0.00	46.71 5.00 0.00	59.04 6.79 -1.17	53.84 6.22 -0.85	51.74 5.54 -2.25	49.70 4.86 -4.36	43.39 3.87 0.00	40.03 3.07 0.00	38.75 2.81 0.00

JAMAICA__27_KV_LOAD 355505	30.03 1.83 0.00	28.16 1.59 0.00	27.19 1.54 0.00	26.68 1.58 0.00	26.93 1.60 0.00	29.04 1.75 0.00	35.98 2.29 0.00	43.36 3.25 0.00	41.29 3.16 0.00	38.17 2.93 0.00	38.78 2.94 0.00	37.70 2.82 0.00	36.80 2.76 0.00	36.76 2.79 0.00	37.89 2.90 -0.01	39.29 2.94 0.00	45.56 3.84 -0.01	56.30 5.21 -0.01	51.55 4.77 -0.01	48.08 4.13 0.00	43.68 3.20 0.00	42.48 2.96 0.00	39.63 2.66 0.00	38.24 2.30 0.00
JANIS__SOLAR 323808	29.41 1.21 0.00	27.73 1.17 0.00	26.73 1.08 0.00	26.10 1.00 0.00	26.35 1.01 0.00	28.58 1.28 0.00	35.54 1.85 0.00	42.48 2.37 0.00	40.22 2.10 0.00	37.01 1.76 0.00	37.41 1.58 0.00	36.44 1.57 0.00	35.54 1.50 0.00	35.40 1.43 0.00	36.48 1.50 0.00	38.13 1.78 0.00	44.21 2.50 0.00	55.01 3.93 0.00	50.28 3.51 0.00	47.12 3.17 0.00	43.04 2.55 0.00	42.01 2.49 0.00	39.19 2.22 0.00	38.14 2.19 0.00
JARVIS____ 23743	28.34 0.14 0.00	26.70 0.13 0.00	25.78 0.13 0.00	25.22 0.13 0.00	25.46 0.13 0.00	27.46 0.16 0.00	33.89 0.20 0.00	40.39 0.28 0.00	38.39 0.27 0.00	35.46 0.21 0.00	36.06 0.22 0.00	35.08 0.21 0.00	34.25 0.21 0.00	34.18 0.21 0.00	35.22 0.25 0.00	36.60 0.26 0.00	42.08 0.37 0.00	51.64 0.56 0.00	47.33 0.56 0.00	44.39 0.44 0.00	40.81 0.32 0.00	39.83 0.31 0.00	37.19 0.22 0.00	36.16 0.22 0.00
JENNISON____1 23625	29.67 1.47 0.00	27.97 1.41 0.00	26.96 1.31 0.00	26.35 1.25 0.00	26.58 1.24 0.00	28.82 1.53 0.00	35.84 2.16 0.00	42.80 2.69 0.00	40.60 2.48 0.00	37.50 2.26 0.00	38.03 2.19 0.00	37.00 2.13 0.00	36.12 2.08 0.00	36.01 2.04 0.00	37.15 2.17 0.00	38.67 2.33 0.00	44.67 2.96 0.00	55.47 4.39 0.00	50.70 3.93 0.00	47.51 3.56 0.00	43.36 2.87 0.00	42.36 2.85 0.00	39.37 2.40 0.00	38.28 2.34 0.00
JENNISON____2 23626	29.67 1.47 0.00	27.97 1.41 0.00	26.96 1.31 0.00	26.35 1.25 0.00	26.58 1.24 0.00	28.82 1.53 0.00	35.84 2.16 0.00	42.80 2.69 0.00	40.60 2.48 0.00	37.50 2.26 0.00	38.03 2.19 0.00	37.00 2.13 0.00	36.12 2.08 0.00	36.01 2.04 0.00	37.15 2.17 0.00	38.67 2.33 0.00	44.67 2.96 0.00	55.47 4.39 0.00	50.70 3.93 0.00	47.51 3.56 0.00	43.36 2.87 0.00	42.36 2.85 0.00	39.37 2.40 0.00	38.28 2.34 0.00
JERICOHO_RISE_WT_PWR 323719	28.99 0.79 0.00	27.34 0.77 0.00	26.32 0.67 0.00	25.75 0.65 0.00	26.02 0.68 0.00	27.68 0.38 0.00	34.13 0.44 0.00	39.99 -0.12 0.00	37.82 -0.31 0.00	35.39 0.14 0.00	35.77 -0.07 0.00	34.63 -0.24 0.00	33.84 -0.20 0.00	33.67 -0.31 0.00	34.66 -0.32 0.00	36.17 -0.18 0.00	40.75 -0.96 0.00	49.39 -1.68 0.00	45.46 -1.31 0.00	43.03 -0.93 0.00	40.04 -0.44 0.00	39.20 -0.32 0.00	37.23 0.26 0.00	36.12 0.18 0.00
KATONAH__115KV_46KV_TB4 355592	29.75 1.55 0.00	27.97 1.41 0.00	27.01 1.36 0.00	26.52 1.43 0.00	26.70 1.37 0.00	28.80 1.50 0.00	35.68 1.99 0.00	42.76 2.65 0.00	40.79 2.67 0.00	37.61 2.36 0.00	38.24 2.40 0.00	37.14 2.27 0.00	36.26 2.21 0.00	36.18 2.21 0.00	37.25 2.27 0.00	38.71 2.36 0.00	44.79 3.09 0.00	55.32 4.24 0.00	50.66 3.88 0.00	47.29 3.34 0.00	43.28 2.79 0.00	42.04 2.53 0.00	39.22 2.26 0.00	37.92 1.98 0.00
KCE_NY_1 323755	29.72 1.52 0.00	28.00 1.43 0.00	27.06 1.41 0.00	26.47 1.38 0.00	26.70 1.37 0.00	28.80 1.50 0.00	35.71 2.02 0.00	42.44 2.33 0.00	40.37 2.25 0.00	37.25 2.01 0.00	37.88 2.04 0.00	36.89 2.02 0.00	35.91 1.87 0.00	35.77 1.80 0.00	36.90 1.92 0.00	38.38 2.03 0.00	44.29 2.59 0.00	54.60 3.52 0.00	50.18 3.41 0.00	46.94 2.99 0.00	43.24 2.75 0.00	42.20 2.69 0.00	39.26 2.29 0.00	38.21 2.27 0.00
KCE_NY_6_ESR 323823	27.04 -1.16 0.00	25.29 -1.27 0.00	24.44 -1.21 0.00	23.71 -1.38 0.00	23.99 -1.34 0.00	26.07 -1.23 0.00	31.77 -1.92 0.00	37.26 -2.85 0.00	35.04 -3.09 0.00	32.56 -2.68 0.00	33.08 -2.76 0.00	32.36 -2.51 0.00	31.63 -2.42 0.00	31.63 -2.34 0.00	32.46 -2.52 0.00	33.58 -2.76 0.00	38.58 -3.13 0.00	48.32 -2.76 0.00	43.78 -2.99 0.00	40.88 -3.08 0.00	37.33 -3.16 0.00	36.55 -2.96 0.00	34.82 -2.15 0.00	34.51 -1.44 0.00
KEDC_PORT_JEFF_GT2 24210	33.59 2.62 -2.77	31.53 2.42 -2.55	30.10 2.31 -2.14	29.81 2.33 -2.38	30.67 2.38 -2.95	33.82 2.65 -3.88	40.01 3.47 -2.85	46.44 4.45 -1.88	44.49 4.31 -2.06	38.77 3.52 0.00	39.39 3.55 0.00	37.90 3.03 0.00	36.93 2.89 0.00	36.93 2.95 0.00	37.88 2.90 0.00	39.40 3.05 0.00	46.34 4.63 0.00	58.42 6.18 -1.17	53.28 5.66 -0.85	51.21 5.01 -2.25	49.34 4.49 -4.36	43.11 3.60 0.00	39.78 2.81 0.00	38.50 2.55 0.00
KEDC_PORT_JEFF_GT3 24211	33.59 2.62 -2.77	31.53 2.42 -2.55	30.10 2.31 -2.14	29.81 2.33 -2.38	30.67 2.38 -2.95	33.82 2.65 -3.88	40.01 3.47 -2.85	46.44 4.45 -1.88	44.49 4.31 -2.06	38.77 3.52 0.00	39.39 3.55 0.00	37.90 3.03 0.00	36.93 2.89 0.00	36.93 2.95 0.00	37.88 2.90 0.00	39.40 3.05 0.00	46.34 4.63 0.00	58.42 6.18 -1.17	53.28 5.66 -0.85	51.21 5.01 -2.25	49.34 4.49 -4.36	43.11 3.60 0.00	39.78 2.81 0.00	38.50 2.55 0.00
KEDC_GLWD_GT4 24219	33.09 2.12 -2.77	31.03 1.91 -2.55	29.64 1.85 -2.14	29.36 1.88 -2.38	30.19 1.90 -2.95	33.24 2.07 -3.87	39.16 2.63 -2.85	45.28 3.29 -1.88	43.39 3.20 -2.06	38.17 2.92 0.00	38.85 3.01 0.00	37.56 2.69 0.00	36.63 2.59 0.00	36.59 2.62 0.00	37.57 2.59 0.00	38.85 2.51 0.00	45.42 3.71 0.00	57.40 5.16 -1.17	52.35 4.72 -0.85	50.24 4.04 -2.25	48.16 3.32 -4.36	42.48 2.97 0.00	39.26 2.29 0.00	38.10 2.16 0.00
KEDC_GLWD_GT5 24220	33.09 2.12 -2.77	31.03 1.91 -2.55	29.64 1.85 -2.14	29.36 1.88 -2.38	30.19 1.90 -2.95	33.24 2.07 -3.87	39.16 2.63 -2.85	45.28 3.29 -1.88	43.39 3.20 -2.06	38.17 2.92 0.00	38.85 3.01 0.00	37.56 2.69 0.00	36.63 2.59 0.00	36.59 2.62 0.00	37.57 2.59 0.00	38.85 2.51 0.00	45.42 3.71 0.00	57.40 5.16 -1.17	52.35 4.72 -0.85	50.24 4.04 -2.25	48.16 3.32 -4.36	42.48 2.97 0.00	39.26 2.29 0.00	38.10 2.16 0.00
KENSICO____ 23655	29.67 1.47 0.00	27.89 1.33 0.00	26.96 1.31 0.00	26.42 1.33 0.00	26.68 1.34 0.00	28.74 1.45 0.00	35.54 1.85 0.00	42.72 2.61 0.00	40.60 2.48 0.00	37.50 2.26 0.00	38.13 2.29 0.00	37.07 2.20 0.00	36.19 2.14 0.00	36.11 2.14 0.00	37.18 2.20 0.00	38.57 2.22 0.00	44.63 2.92 0.00	55.12 4.04 -0.01	50.47 3.69 -0.01	47.07 3.12 0.00	42.99 2.51 0.00	41.81 2.29 0.00	39.00 2.03 0.00	37.74 1.80 0.00
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	29.70 1.49 0.00	27.89 1.33 0.00	26.91 1.26 0.00	26.37 1.28 0.00	26.63 1.29 0.00	28.74 1.45 0.00	35.64 1.95 0.00	42.44 2.33 0.00	40.45 2.33 0.00	37.22 1.97 0.00	37.74 1.90 0.00	36.65 1.78 0.00	35.81 1.77 0.00	35.44 1.46 0.00	36.52 1.54 0.00	37.98 1.64 0.00	44.00 2.29 0.00	54.40 3.32 0.00	49.86 3.09 0.00	46.55 2.59 0.00	42.55 2.06 0.00	41.85 2.33 0.00	39.00 2.03 0.00	37.81 1.87 0.00

KIAC_JFK_GT1 23816	29.95 1.75 0.00	28.08 1.51 0.00	27.11 1.46 0.00	26.60 1.51 0.00	26.86 1.52 0.00	28.96 1.66 0.00	35.88 2.19 0.00	43.24 3.13 0.00	41.17 3.05 0.00	38.06 2.82 0.00	38.67 2.83 0.00	37.59 2.72 0.00	36.70 2.66 0.00	36.66 2.68 0.00	37.79 2.80 -0.01	39.15 2.80 0.00	45.39 3.67 -0.01	56.10 5.01 -0.01	51.37 4.58 -0.01	47.91 3.96 0.00	43.56 3.08 0.00	42.32 2.81 0.00	39.52 2.55 0.00	38.10 2.16 0.00
KIAC_JFK_GT2 23817	29.95 1.75 0.00	28.08 1.51 0.00	27.11 1.46 0.00	26.60 1.51 0.00	26.86 1.52 0.00	28.96 1.66 0.00	35.88 2.19 0.00	43.24 3.13 0.00	41.17 3.05 0.00	38.06 2.82 0.00	38.67 2.83 0.00	37.59 2.72 0.00	36.70 2.66 0.00	36.66 2.68 0.00	37.79 2.80 -0.01	39.15 2.80 0.00	45.39 3.67 -0.01	56.10 5.01 -0.01	51.37 4.58 -0.01	47.91 3.96 0.00	43.56 3.08 0.00	42.32 2.81 0.00	39.52 2.55 0.00	38.10 2.16 0.00
KIAC_JFK____ 323774	29.95 1.75 0.00	28.08 1.51 0.00	27.11 1.46 0.00	26.60 1.51 0.00	26.86 1.52 0.00	28.96 1.67 0.00	35.88 2.19 0.00	43.20 3.09 0.00	41.18 3.05 0.00	38.03 2.78 0.00	38.64 2.80 0.00	37.59 2.72 0.00	36.70 2.66 0.00	36.66 2.68 0.00	37.75 2.76 -0.01	39.18 2.84 0.00	45.39 3.67 -0.01	56.10 5.01 -0.01	51.42 4.63 -0.01	47.91 3.96 0.00	43.56 3.08 0.00	42.40 2.88 0.00	39.41 2.44 0.00	37.96 2.01 0.00
KINTIGH____ 23543	26.40 -1.80 0.00	24.73 -1.83 0.00	23.91 -1.74 0.00	23.19 -1.91 0.00	23.46 -1.87 0.00	25.49 -1.80 0.00	31.09 -2.59 0.00	36.46 -3.65 0.00	34.50 -3.62 0.00	31.97 -3.28 0.00	32.51 -3.33 0.00	31.73 -3.14 0.00	31.05 -3.00 0.00	31.02 -2.96 0.00	31.87 -3.11 0.00	33.04 -3.31 0.00	37.91 -3.80 0.00	47.20 -3.88 0.00	42.94 -3.84 0.00	40.13 -3.82 0.00	36.64 -3.85 0.00	35.92 -3.60 0.00	33.71 -3.25 0.00	33.18 -2.77 0.00
KNTFSRNC_46_KV_46KV_LOAD 80397	29.56 1.35 0.00	27.87 1.30 0.00	26.80 1.15 0.00	26.20 1.10 0.00	26.50 1.17 0.00	28.09 0.79 0.00	34.67 0.98 0.00	40.51 0.40 0.00	38.20 0.08 0.00	35.99 0.74 0.00	36.31 0.47 0.00	35.15 0.28 0.00	34.31 0.27 0.00	34.18 0.20 0.00	35.15 0.17 0.00	36.71 0.36 0.00	41.25 -0.46 0.00	50.11 -0.97 0.00	46.16 -0.61 0.00	43.60 -0.35 0.00	40.52 0.04 0.00	39.67 0.16 0.00	37.85 0.89 0.00	36.70 0.75 0.00
LACHUTE____HYDRO 323717	30.79 2.59 0.00	29.04 2.47 0.00	28.06 2.41 0.00	27.45 2.36 0.00	27.69 2.36 0.00	29.92 2.62 0.00	37.43 3.74 0.00	44.32 4.21 0.00	42.24 4.12 0.00	38.94 3.70 0.00	39.46 3.62 0.00	38.50 3.63 0.00	37.24 3.20 0.00	37.07 3.09 0.00	38.37 3.39 0.00	39.98 3.63 0.00	46.33 4.63 0.00	57.46 6.38 0.00	53.08 6.31 0.00	49.54 5.58 0.00	45.74 5.26 0.00	44.65 5.13 0.00	41.36 4.40 0.00	40.22 4.28 0.00
LAWRNCV_115KV_TB1 80681	27.98 -0.23 0.00	26.38 -0.19 0.00	25.42 -0.23 0.00	24.89 -0.20 0.00	25.13 -0.20 0.00	26.99 -0.30 0.00	33.35 -0.34 0.00	39.43 -0.68 0.00	37.63 -0.50 0.00	34.96 -0.28 0.00	35.48 -0.36 0.00	34.49 -0.38 0.00	33.70 -0.34 0.00	33.60 -0.37 0.00	34.63 -0.35 0.00	36.13 -0.22 0.00	40.91 -0.79 0.00	49.60 -1.48 0.00	45.56 -1.22 0.00	43.03 -0.92 0.00	39.92 -0.57 0.00	38.96 -0.55 0.00	36.75 -0.22 0.00	35.62 -0.32 0.00
LEDERLE____ 23769	29.64 1.44 0.00	27.87 1.30 0.00	26.91 1.26 0.00	26.40 1.30 0.00	26.65 1.32 0.00	28.74 1.45 0.00	35.54 1.85 0.00	42.64 2.53 0.00	40.53 2.40 0.00	37.36 2.11 0.00	37.99 2.15 0.00	36.93 2.06 0.00	36.05 2.01 0.00	36.01 2.04 0.00	37.04 2.06 0.00	38.46 2.11 0.00	44.46 2.75 0.00	54.96 3.88 0.00	50.33 3.55 0.00	46.94 2.99 0.00	42.87 2.39 0.00	41.73 2.21 0.00	38.93 1.96 0.00	37.67 1.73 0.00
LIGHTHSE_115KV_TB6 355974	27.52 -0.68 0.00	25.93 -0.64 0.00	25.03 -0.62 0.00	24.47 -0.63 0.00	24.65 -0.68 0.00	26.59 -0.71 0.00	32.88 -0.81 0.00	39.19 -0.92 0.00	37.21 -0.92 0.00	34.43 -0.81 0.00	35.01 -0.82 0.00	34.10 -0.77 0.00	33.26 -0.78 0.00	33.23 -0.75 0.00	34.14 -0.84 0.00	35.62 -0.73 0.00	40.96 -0.75 0.00	50.57 -0.51 0.00	46.26 -0.51 0.00	43.43 -0.53 0.00	39.80 -0.69 0.00	38.88 -0.63 0.00	36.34 -0.63 0.00	35.30 -0.65 0.00
LINDEN COGEN____ 23786	29.70 1.49 0.00	27.92 1.35 0.00	26.96 1.31 0.00	26.45 1.35 0.00	26.70 1.37 0.00	28.77 1.47 0.00	35.54 1.85 0.00	42.76 2.65 0.00	40.68 2.55 0.00	37.57 2.33 0.00	38.20 2.36 0.00	37.14 2.27 0.00	36.29 2.25 0.00	36.25 2.28 0.00	37.30 2.31 -0.01	38.71 2.36 0.00	44.76 3.04 -0.01	55.23 4.14 -0.01	50.62 3.84 -0.01	47.16 3.21 0.00	42.95 2.47 0.00	41.85 2.33 0.00	38.93 1.96 0.00	37.56 1.62 0.00
LINDHRST_69_KV_BK1 356055	33.37 2.40 -2.77	31.32 2.21 -2.55	29.92 2.13 -2.14	29.61 2.13 -2.38	30.44 2.15 -2.95	33.54 2.37 -3.87	39.57 3.03 -2.85	46.00 4.01 -1.88	44.00 3.81 -2.06	38.56 3.31 0.00	39.21 3.37 0.00	37.87 3.00 0.00	36.87 2.83 0.00	36.86 2.89 0.00	37.88 2.90 0.00	39.29 2.94 0.00	46.09 4.38 0.00	58.22 5.98 -1.17	53.05 5.43 -0.85	50.95 4.75 -2.25	48.81 3.97 -4.36	42.99 3.48 0.00	40.04 3.07 0.00	38.60 2.66 0.00
LIPA_MISC_IPP 23656	33.57 2.59 -2.77	31.48 2.36 -2.55	30.08 2.28 -2.14	29.76 2.28 -2.38	30.62 2.33 -2.95	33.76 2.59 -3.87	39.97 3.44 -2.85	46.52 4.53 -1.88	44.46 4.27 -2.06	38.84 3.59 0.00	39.49 3.66 0.00	38.11 3.24 0.00	37.11 3.06 0.00	37.13 3.16 0.00	38.13 3.15 0.00	39.58 3.23 0.00	46.67 4.96 0.00	58.88 6.64 -1.17	53.66 6.03 -0.85	51.60 5.41 -2.25	49.46 4.62 -4.36	43.31 3.79 0.00	40.41 3.44 0.00	38.96 3.02 0.00
LISF____SOLAR 323691	33.65 2.68 -2.77	31.56 2.44 -2.55	30.13 2.33 -2.14	29.84 2.36 -2.38	30.69 2.41 -2.95	33.87 2.70 -3.88	40.10 3.57 -2.85	46.56 4.57 -1.88	44.57 4.38 -2.06	38.84 3.60 0.00	39.46 3.62 0.00	37.97 3.10 0.00	36.97 2.93 0.00	37.00 3.02 0.00	37.95 2.97 0.00	39.47 3.13 0.00	46.42 4.71 0.00	58.68 6.44 -1.17	53.52 5.89 -0.85	51.51 5.32 -2.25	49.46 4.61 -4.36	43.11 3.60 0.00	39.78 2.81 0.00	38.57 2.62 0.00
LITTLE FALLS____HYD 24013	28.93 0.73 0.00	27.26 0.69 0.00	26.32 0.67 0.00	25.75 0.65 0.00	25.97 0.63 0.00	28.00 0.71 0.00	34.53 0.84 0.00	41.19 1.08 0.00	39.08 0.95 0.00	36.09 0.85 0.00	36.66 0.82 0.00	35.67 0.80 0.00	34.79 0.75 0.00	34.72 0.75 0.00	35.78 0.80 0.00	37.18 0.84 0.00	42.79 1.08 0.00	52.61 1.53 0.00	48.17 1.40 0.00	45.23 1.27 0.00	41.54 1.05 0.00	40.70 1.19 0.00	37.97 1.00 0.00	36.95 1.01 0.00
LITTLRIV_115KV_TB1 356100	28.26 0.06 0.00	26.65 0.08 0.00	25.65 0.00 0.00	25.12 0.03 0.00	25.36 0.03 0.00	27.27 -0.03 0.00	33.76 0.07 0.00	39.99 -0.12 0.00	38.20 0.08 0.00	35.53 0.28 0.00	36.02 0.18 0.00	34.98 0.10 0.00	34.21 0.17 0.00	34.14 0.17 0.00	35.22 0.24 0.00	36.75 0.40 0.00	41.58 -0.13 0.00	50.41 -0.66 0.00	46.30 -0.47 0.00	43.78 -0.18 0.00	40.52 0.04 0.00	39.59 0.08 0.00	37.26 0.30 0.00	36.09 0.14 0.00

LI_NEWBRDGE___DRP 323616	32.86 1.89 -2.77	30.84 1.73 -2.55	29.46 1.67 -2.14	29.16 1.68 -2.38	29.98 1.70 -2.95	33.02 1.86 -3.87	38.89 2.36 -2.85	45.16 3.17 -1.88	43.24 3.05 -2.06	37.92 2.68 0.00	38.53 2.69 0.00	37.24 2.37 0.00	36.32 2.28 0.00	36.28 2.31 0.00	37.29 2.31 0.00	38.67 2.33 0.00	45.17 3.46 0.00	56.99 4.75 -1.17	51.97 4.35 -0.85	49.93 3.74 -2.25	47.88 3.04 -4.36	42.20 2.69 0.00	39.30 2.33 0.00	37.92 1.98 0.00
LOCKPORT_115KV_TB60_63_64 80432	26.37 -1.83 0.00	24.65 -1.91 0.00	23.83 -1.82 0.00	23.09 -2.01 0.00	23.36 -1.98 0.00	25.41 -1.88 0.00	30.93 -2.76 0.00	36.14 -3.97 0.00	34.16 -3.97 0.00	31.65 -3.59 0.00	32.18 -3.66 0.00	31.45 -3.42 0.00	30.77 -3.27 0.00	30.78 -3.19 0.00	31.59 -3.39 0.00	32.75 -3.60 0.00	37.66 -4.05 0.00	47.09 -3.98 0.00	42.75 -4.02 0.00	39.87 -4.09 0.00	36.35 -4.13 0.00	35.68 -3.83 0.00	33.53 -3.44 0.00	33.10 -2.84 0.00
LOCKPORT___CC1 323769	26.37 -1.83 0.00	24.68 -1.89 0.00	23.83 -1.82 0.00	23.11 -1.98 0.00	23.38 -1.95 0.00	25.41 -1.88 0.00	30.93 -2.76 0.00	36.26 -3.85 0.00	34.12 -4.00 0.00	31.76 -3.49 0.00	32.18 -3.66 0.00	31.45 -3.42 0.00	30.77 -3.27 0.00	30.78 -3.19 0.00	31.59 -3.39 0.00	32.68 -3.67 0.00	37.50 -4.21 0.00	46.94 -4.14 0.00	42.52 -4.26 0.00	39.73 -4.22 0.00	36.27 -4.21 0.00	35.48 -4.03 0.00	33.94 -3.03 0.00	33.64 -2.30 0.00
LOCKPORT___CC2 323770	26.37 -1.83 0.00	24.68 -1.89 0.00	23.83 -1.82 0.00	23.11 -1.98 0.00	23.38 -1.95 0.00	25.41 -1.88 0.00	30.93 -2.76 0.00	36.26 -3.85 0.00	34.12 -4.00 0.00	31.76 -3.49 0.00	32.18 -3.66 0.00	31.45 -3.42 0.00	30.77 -3.27 0.00	30.78 -3.19 0.00	31.59 -3.39 0.00	32.68 -3.67 0.00	37.50 -4.21 0.00	46.94 -4.14 0.00	42.52 -4.26 0.00	39.73 -4.22 0.00	36.27 -4.21 0.00	35.48 -4.03 0.00	33.94 -3.03 0.00	33.64 -2.30 0.00
LOCKPORT___CC3 323771	26.37 -1.83 0.00	24.68 -1.89 0.00	23.83 -1.82 0.00	23.11 -1.98 0.00	23.38 -1.95 0.00	25.41 -1.88 0.00	30.93 -2.76 0.00	36.26 -3.85 0.00	34.12 -4.00 0.00	31.76 -3.49 0.00	32.18 -3.66 0.00	31.45 -3.42 0.00	30.77 -3.27 0.00	30.78 -3.19 0.00	31.59 -3.39 0.00	32.68 -3.67 0.00	37.50 -4.21 0.00	46.94 -4.14 0.00	42.52 -4.26 0.00	39.73 -4.22 0.00	36.27 -4.21 0.00	35.48 -4.03 0.00	33.94 -3.03 0.00	33.64 -2.30 0.00
LONG_LAKE_PHOENIX 24014	27.36 -0.85 0.00	25.80 -0.77 0.00	24.88 -0.77 0.00	24.32 -0.78 0.00	24.55 -0.79 0.00	26.50 -0.79 0.00	32.75 -0.94 0.00	39.03 -1.08 0.00	37.06 -1.07 0.00	34.26 -0.99 0.00	34.84 -1.00 0.00	33.89 -0.98 0.00	33.09 -0.95 0.00	33.02 -0.95 0.00	34.00 -0.98 0.00	35.33 -1.02 0.00	40.66 -1.04 0.00	50.11 -0.97 0.00	45.79 -0.98 0.00	42.99 -0.97 0.00	39.43 -1.05 0.00	38.49 -1.03 0.00	35.97 -1.00 0.00	34.97 -0.97 0.00
LOVETT___3 23632	29.67 1.47 0.00	27.89 1.33 0.00	26.96 1.31 0.00	26.30 1.20 0.00	26.55 1.22 0.00	28.61 1.31 0.00	35.37 1.68 0.00	42.48 2.37 0.00	40.37 2.25 0.00	37.22 1.97 0.00	37.88 2.04 0.00	36.82 1.95 0.00	35.95 1.91 0.00	35.88 1.90 0.00	36.94 1.96 0.00	38.31 1.96 0.00	44.29 2.59 0.00	54.71 3.63 0.00	50.10 3.32 0.00	46.72 2.77 0.00	42.71 2.23 0.00	41.53 2.02 0.00	38.78 1.81 0.00	37.53 1.58 0.00
LOVETT___4 23642	29.67 1.47 0.00	27.89 1.33 0.00	26.96 1.31 0.00	26.30 1.20 0.00	26.55 1.22 0.00	28.61 1.31 0.00	35.37 1.68 0.00	42.48 2.37 0.00	40.37 2.25 0.00	37.22 1.97 0.00	37.88 2.04 0.00	36.82 1.95 0.00	35.95 1.91 0.00	35.88 1.90 0.00	36.94 1.96 0.00	38.31 1.96 0.00	44.29 2.59 0.00	54.71 3.63 0.00	50.10 3.32 0.00	46.72 2.77 0.00	42.71 2.23 0.00	41.53 2.02 0.00	38.78 1.81 0.00	37.53 1.58 0.00
LOVETT___5 23593	29.67 1.47 0.00	27.89 1.33 0.00	26.96 1.31 0.00	26.30 1.20 0.00	26.55 1.22 0.00	28.61 1.31 0.00	35.37 1.68 0.00	42.48 2.37 0.00	40.37 2.25 0.00	37.22 1.97 0.00	37.88 2.04 0.00	36.82 1.95 0.00	35.95 1.91 0.00	35.88 1.90 0.00	36.94 1.96 0.00	38.31 1.96 0.00	44.29 2.59 0.00	54.71 3.63 0.00	50.10 3.32 0.00	46.72 2.77 0.00	42.71 2.23 0.00	41.53 2.02 0.00	38.78 1.81 0.00	37.53 1.58 0.00
LOWER RAQUET___HYD 24057	27.83 -0.37 0.00	26.25 -0.32 0.00	25.29 -0.36 0.00	24.74 -0.35 0.00	25.01 -0.33 0.00	26.83 -0.46 0.00	33.18 -0.50 0.00	39.23 -0.88 0.00	37.44 -0.69 0.00	34.82 -0.42 0.00	35.30 -0.54 0.00	34.28 -0.59 0.00	33.53 -0.51 0.00	33.43 -0.54 0.00	34.45 -0.52 0.00	35.95 -0.40 0.00	40.75 -0.96 0.00	49.39 -1.68 0.00	45.37 -1.40 0.00	42.90 -1.06 0.00	39.76 -0.73 0.00	38.81 -0.71 0.00	36.56 -0.41 0.00	35.44 -0.50 0.00
LOWER___HUDSON 24059	29.33 1.13 0.00	27.63 1.06 0.00	26.70 1.05 0.00	26.12 1.03 0.00	26.35 1.01 0.00	28.39 1.09 0.00	35.10 1.41 0.00	41.80 1.68 0.00	39.76 1.64 0.00	36.69 1.45 0.00	37.34 1.50 0.00	36.37 1.50 0.00	35.44 1.40 0.00	35.33 1.36 0.00	36.41 1.43 0.00	37.84 1.49 0.00	43.58 1.88 0.00	53.63 2.55 0.00	49.25 2.48 0.00	46.06 2.11 0.00	42.39 1.90 0.00	41.33 1.82 0.00	38.48 1.52 0.00	37.49 1.54 0.00
LOWVILLE_115KV_TB2 356335	28.23 0.03 0.00	26.65 0.08 0.00	25.68 0.03 0.00	25.12 0.03 0.00	25.34 0.00 0.00	27.40 0.11 0.00	33.72 0.03 0.00	40.19 0.08 0.00	38.09 -0.04 0.00	35.21 -0.04 0.00	35.73 -0.11 0.00	34.73 -0.14 0.00	33.87 -0.17 0.00	33.84 -0.14 0.00	34.91 -0.07 0.00	36.78 0.44 0.00	42.37 0.67 0.00	52.20 1.12 0.00	47.89 1.12 0.00	45.01 1.05 0.00	41.25 0.77 0.00	40.27 0.75 0.00	37.48 0.52 0.00	36.34 0.40 0.00
LUTHERFT_115KV_GLOB_FND_222 355753	29.70 1.49 0.00	27.97 1.41 0.00	27.03 1.39 0.00	26.45 1.36 0.00	26.68 1.34 0.00	28.77 1.47 0.00	35.68 1.99 0.00	42.40 2.29 0.00	40.37 2.25 0.00	37.25 2.01 0.00	37.85 2.01 0.00	36.89 2.02 0.00	35.88 1.84 0.00	35.78 1.80 0.00	36.87 1.89 0.00	38.35 2.00 0.00	44.21 2.50 0.00	54.50 3.42 0.00	50.14 3.37 0.00	46.90 2.94 0.00	43.20 2.71 0.00	42.12 2.61 0.00	39.26 2.29 0.00	38.21 2.26 0.00
LUTHERNY_35_KV_BK2 355980	29.72 1.52 0.00	28.00 1.43 0.00	27.06 1.41 0.00	26.47 1.38 0.00	26.70 1.37 0.00	28.80 1.50 0.00	35.71 2.02 0.00	42.44 2.33 0.00	40.37 2.25 0.00	37.29 2.04 0.00	37.88 2.04 0.00	36.89 2.02 0.00	35.91 1.87 0.00	35.78 1.80 0.00	36.90 1.92 0.00	38.38 2.04 0.00	44.25 2.54 0.00	54.55 3.47 0.00	50.19 3.41 0.00	46.94 2.99 0.00	43.24 2.75 0.00	42.20 2.69 0.00	39.30 2.33 0.00	38.24 2.30 0.00
LWR___OSWEGATCHIE_HYD 23850	27.64 -0.56 0.00	26.09 -0.48 0.00	25.14 -0.51 0.00	24.59 -0.50 0.00	24.83 -0.51 0.00	26.75 -0.55 0.00	33.01 -0.67 0.00	39.23 -0.88 0.00	37.29 -0.84 0.00	34.61 -0.63 0.00	35.09 -0.75 0.00	34.10 -0.77 0.00	33.29 -0.75 0.00	33.23 -0.75 0.00	34.24 -0.73 0.00	35.88 -0.47 0.00	41.04 -0.67 0.00	50.16 -0.92 0.00	46.07 -0.70 0.00	43.38 -0.57 0.00	40.00 -0.49 0.00	39.04 -0.47 0.00	36.56 -0.41 0.00	35.41 -0.54 0.00

LYONS_FALL_HYD 23570	28.48 0.28 0.00	26.86 0.29 0.00	25.91 0.26 0.00	25.35 0.25 0.00	25.56 0.23 0.00	27.65 0.35 0.00	34.13 0.44 0.00	40.67 0.56 0.00	38.58 0.46 0.00	35.67 0.42 0.00	36.20 0.36 0.00	35.18 0.31 0.00	34.31 0.27 0.00	34.28 0.31 0.00	35.36 0.39 0.00	37.07 0.73 0.00	42.71 1.00 0.00	52.61 1.53 0.00	48.22 1.45 0.00	45.27 1.32 0.00	41.53 1.05 0.00	40.54 1.03 0.00	37.74 0.78 0.00	36.63 0.68 0.00
MADISON___COUNTY_LFGE 323628	28.82 0.62 0.00	27.18 0.61 0.00	26.21 0.56 0.00	25.62 0.53 0.00	25.87 0.53 0.00	28.00 0.71 0.00	34.67 0.98 0.00	41.35 1.24 0.00	39.23 1.11 0.00	36.23 0.99 0.00	36.81 0.97 0.00	35.78 0.91 0.00	34.89 0.85 0.00	34.86 0.88 0.00	35.96 0.98 0.00	37.47 1.13 0.00	43.17 1.46 0.00	53.22 2.15 0.00	48.69 1.92 0.00	45.67 1.71 0.00	41.86 1.38 0.00	40.86 1.34 0.00	38.08 1.11 0.00	36.99 1.04 0.00
MALONE___115KV_TB1 356076	29.10 0.90 0.00	27.44 0.88 0.00	26.39 0.74 0.00	25.82 0.73 0.00	26.10 0.76 0.00	27.84 0.55 0.00	34.36 0.67 0.00	40.47 0.36 0.00	38.32 0.19 0.00	35.81 0.56 0.00	36.20 0.36 0.00	35.01 0.14 0.00	34.18 0.14 0.00	34.04 0.07 0.00	35.05 0.07 0.00	36.60 0.25 0.00	41.33 -0.38 0.00	50.16 -0.92 0.00	46.21 -0.56 0.00	43.65 -0.31 0.00	40.52 0.04 0.00	39.63 0.12 0.00	37.56 0.59 0.00	36.41 0.47 0.00
MAPLEWOD_115KV_TB3 80458	29.10 0.90 0.00	27.42 0.85 0.00	26.52 0.87 0.00	25.97 0.88 0.00	26.20 0.86 0.00	28.20 0.90 0.00	34.83 1.15 0.00	41.43 1.32 0.00	39.46 1.33 0.00	36.44 1.20 0.00	37.06 1.22 0.00	36.09 1.22 0.00	35.17 1.12 0.00	35.10 1.12 0.00	36.13 1.15 0.00	37.51 1.16 0.00	43.21 1.50 0.00	53.17 2.09 0.00	48.78 2.01 0.00	45.67 1.71 0.00	42.02 1.54 0.00	40.98 1.46 0.00	38.22 1.26 0.00	37.24 1.29 0.00
MAPLE_RIDGE_WT_1 323574	28.01 -0.20 0.00	26.41 -0.16 0.00	25.52 -0.13 0.00	24.99 -0.10 0.00	25.26 -0.08 0.00	27.16 -0.14 0.00	33.45 -0.23 0.00	39.75 -0.36 0.00	37.74 -0.38 0.00	34.86 -0.39 0.00	35.41 -0.43 0.00	34.52 -0.35 0.00	33.77 -0.27 0.00	33.74 -0.24 0.00	34.73 -0.24 0.00	36.13 -0.22 0.00	41.37 -0.34 0.00	50.52 -0.56 0.00	46.30 -0.47 0.00	43.65 -0.31 0.00	40.32 -0.16 0.00	39.40 -0.12 0.00	36.93 -0.04 0.00	35.87 -0.07 0.00
MAPLE_RIDGE_WT_2 323611	28.01 -0.20 0.00	26.41 -0.16 0.00	25.52 -0.13 0.00	24.99 -0.10 0.00	25.26 -0.08 0.00	27.16 -0.14 0.00	33.45 -0.23 0.00	39.75 -0.36 0.00	37.74 -0.38 0.00	34.86 -0.39 0.00	35.41 -0.43 0.00	34.52 -0.35 0.00	33.77 -0.27 0.00	33.74 -0.24 0.00	34.73 -0.24 0.00	36.13 -0.22 0.00	41.37 -0.34 0.00	50.52 -0.56 0.00	46.30 -0.47 0.00	43.65 -0.31 0.00	40.32 -0.16 0.00	39.40 -0.12 0.00	36.93 -0.04 0.00	35.87 -0.07 0.00
MARBLE_RIVER_WT_PWR 323696	29.05 0.85 0.00	27.42 0.85 0.00	26.37 0.72 0.00	25.80 0.70 0.00	26.04 0.71 0.00	27.70 0.41 0.00	34.13 0.44 0.00	39.95 -0.16 0.00	37.74 -0.38 0.00	35.35 0.11 0.00	35.73 -0.11 0.00	34.59 -0.28 0.00	33.77 -0.27 0.00	33.63 -0.34 0.00	34.63 -0.35 0.00	36.10 -0.25 0.00	40.66 -1.04 0.00	49.34 -1.74 0.00	45.41 -1.36 0.00	42.94 -1.01 0.00	39.96 -0.53 0.00	39.12 -0.40 0.00	37.23 0.26 0.00	36.12 0.18 0.00
MARSHVLE_115KV_TB1 80742	29.81 1.61 0.00	28.16 1.59 0.00	27.19 1.54 0.00	26.60 1.51 0.00	26.86 1.52 0.00	29.07 1.77 0.00	36.08 2.39 0.00	42.84 2.73 0.00	40.72 2.59 0.00	37.50 2.26 0.00	37.99 2.15 0.00	37.03 2.16 0.00	36.05 2.01 0.00	35.98 2.00 0.00	37.11 2.13 0.00	38.75 2.40 0.00	44.79 3.09 0.00	55.52 4.44 0.00	51.07 4.30 0.00	47.78 3.82 0.00	43.88 3.40 0.00	43.03 3.52 0.00	39.96 2.99 0.00	38.71 2.77 0.00
MARSH_HILL_WT_PWR 323713	28.03 -0.17 0.00	26.30 -0.27 0.00	25.39 -0.26 0.00	24.64 -0.45 0.00	24.88 -0.46 0.00	26.91 -0.38 0.00	32.91 -0.77 0.00	38.75 -1.36 0.00	36.49 -1.64 0.00	33.73 -1.51 0.00	34.26 -1.58 0.00	33.47 -1.40 0.00	32.71 -1.33 0.00	32.68 -1.29 0.00	33.61 -1.36 0.00	34.89 -1.46 0.00	40.12 -1.58 0.00	50.31 -0.76 0.00	45.74 -1.03 0.00	42.86 -1.10 0.00	39.23 -1.26 0.00	38.37 -1.15 0.00	36.49 -0.48 0.00	35.94 0.00 0.00
MCINTYRE_115KV_TB2 80467	28.60 0.39 0.00	26.96 0.40 0.00	25.96 0.31 0.00	25.42 0.33 0.00	25.66 0.33 0.00	27.60 0.30 0.00	34.16 0.47 0.00	40.51 0.40 0.00	38.70 0.57 0.00	35.99 0.74 0.00	36.48 0.65 0.00	35.39 0.52 0.00	34.59 0.54 0.00	34.55 0.58 0.00	35.61 0.63 0.00	37.15 0.80 0.00	42.12 0.42 0.00	50.98 -0.10 0.00	46.82 0.05 0.00	44.30 0.35 0.00	41.05 0.57 0.00	40.07 0.55 0.00	37.67 0.70 0.00	36.48 0.54 0.00
MECO_____69_KV_BK1 80468	31.08 2.88 0.00	29.36 2.79 0.00	28.32 2.67 0.00	27.70 2.61 0.00	27.97 2.63 0.00	30.24 2.95 0.00	37.76 4.08 0.00	44.60 4.49 0.00	42.32 4.19 0.00	38.95 3.70 0.00	39.39 3.55 0.00	38.43 3.56 0.00	37.28 3.23 0.00	37.17 3.19 0.00	38.48 3.50 0.00	40.35 4.00 0.00	47.04 5.34 0.00	58.38 7.30 0.00	53.93 7.16 0.00	50.37 6.42 0.00	46.48 5.99 0.00	45.56 6.05 0.00	42.18 5.21 0.00	40.80 4.85 0.00
MENANDS___115KV_TB5 355628	28.93 0.73 0.00	27.28 0.72 0.00	26.39 0.74 0.00	25.85 0.75 0.00	26.07 0.73 0.00	28.06 0.76 0.00	34.63 0.94 0.00	41.19 1.08 0.00	39.23 1.11 0.00	36.23 0.99 0.00	36.88 1.04 0.00	35.92 1.05 0.00	35.00 0.95 0.00	34.89 0.92 0.00	35.96 0.98 0.00	37.33 0.98 0.00	42.92 1.21 0.00	52.81 1.74 0.00	48.45 1.68 0.00	45.36 1.41 0.00	41.74 1.26 0.00	40.70 1.19 0.00	37.97 1.00 0.00	37.02 1.08 0.00
MG INDUSTRY___DRP 24185	29.05 0.85 0.00	27.36 0.80 0.00	26.47 0.82 0.00	25.90 0.80 0.00	26.12 0.79 0.00	28.09 0.79 0.00	34.70 1.01 0.00	41.19 1.08 0.00	39.19 1.07 0.00	36.20 0.95 0.00	36.81 0.97 0.00	35.85 0.98 0.00	34.93 0.89 0.00	34.86 0.88 0.00	35.92 0.94 0.00	37.33 0.98 0.00	42.92 1.21 0.00	52.76 1.69 0.00	48.45 1.68 0.00	45.36 1.41 0.00	41.78 1.30 0.00	40.78 1.26 0.00	38.08 1.11 0.00	37.13 1.19 0.00
MID___OSWEGATCHIE_HYD 23849	27.64 -0.56 0.00	26.09 -0.48 0.00	25.14 -0.51 0.00	24.59 -0.50 0.00	24.83 -0.51 0.00	26.75 -0.55 0.00	33.01 -0.67 0.00	39.23 -0.88 0.00	37.29 -0.84 0.00	34.61 -0.63 0.00	35.09 -0.75 0.00	34.10 -0.77 0.00	33.29 -0.75 0.00	33.23 -0.75 0.00	34.24 -0.73 0.00	35.88 -0.47 0.00	41.04 -0.67 0.00	50.16 -0.92 0.00	46.07 -0.70 0.00	43.38 -0.57 0.00	40.00 -0.49 0.00	39.04 -0.47 0.00	36.56 -0.41 0.00	35.41 -0.54 0.00
MID___RAQUETTE_HYD 23851	27.84 -0.37 0.00	26.25 -0.32 0.00	25.29 -0.36 0.00	24.74 -0.35 0.00	25.01 -0.33 0.00	26.83 -0.46 0.00	33.18 -0.51 0.00	39.23 -0.88 0.00	37.44 -0.69 0.00	34.82 -0.42 0.00	35.30 -0.54 0.00	34.31 -0.56 0.00	33.53 -0.51 0.00	33.43 -0.54 0.00	34.45 -0.52 0.00	35.95 -0.40 0.00	40.75 -0.96 0.00	49.39 -1.69 0.00	45.37 -1.40 0.00	42.85 -1.10 0.00	39.76 -0.73 0.00	38.80 -0.71 0.00	36.60 -0.37 0.00	35.44 -0.50 0.00

NEG CENTRAL___SENECA 23627	28.03 -0.17 0.00	26.33 -0.24 0.00	25.39 -0.26 0.00	24.72 -0.38 0.00	25.01 -0.33 0.00	27.10 -0.19 0.00	33.52 -0.17 0.00	39.67 -0.44 0.00	37.59 -0.53 0.00	34.86 -0.39 0.00	35.48 -0.36 0.00	34.56 -0.31 0.00	33.74 -0.31 0.00	33.67 -0.31 0.00	34.66 -0.31 0.00	35.98 -0.36 0.00	41.25 -0.46 0.00	51.38 0.31 0.00	46.82 0.05 0.00	43.87 -0.09 0.00	40.08 -0.40 0.00	39.12 -0.40 0.00	36.71 -0.26 0.00	35.87 -0.07 0.00
NEG CENTRAL___STATE_STREET 24147	27.95 -0.25 0.00	26.30 -0.27 0.00	25.39 -0.26 0.00	24.77 -0.33 0.00	25.03 -0.30 0.00	27.08 -0.22 0.00	33.49 -0.20 0.00	39.95 -0.16 0.00	37.90 -0.23 0.00	35.03 -0.21 0.00	35.62 -0.22 0.00	34.70 -0.17 0.00	33.87 -0.17 0.00	33.77 -0.20 0.00	34.77 -0.21 0.00	36.13 -0.22 0.00	41.58 -0.13 0.00	51.49 0.41 0.00	47.01 0.23 0.00	44.04 0.09 0.00	40.36 -0.12 0.00	39.36 -0.16 0.00	36.78 -0.18 0.00	35.76 -0.18 0.00
NEG MILLWOOD___DRP 24198	29.84 1.64 0.00	28.05 1.49 0.00	27.09 1.44 0.00	26.55 1.46 0.00	26.75 1.42 0.00	28.82 1.53 0.00	35.78 2.09 0.00	42.72 2.61 0.00	40.79 2.67 0.00	37.57 2.33 0.00	38.17 2.33 0.00	37.07 2.20 0.00	36.19 2.14 0.00	36.11 2.14 0.00	37.22 2.24 0.00	38.71 2.36 0.00	44.79 3.09 0.00	55.27 4.19 0.00	50.65 3.88 0.00	47.34 3.38 0.00	43.36 2.87 0.00	42.16 2.65 0.00	39.30 2.33 0.00	38.06 2.12 0.00
NEG NORTH_FLCN_SEA 23793	29.47 1.27 0.00	27.82 1.25 0.00	26.75 1.10 0.00	26.15 1.05 0.00	26.45 1.11 0.00	27.95 0.66 0.00	34.46 0.77 0.00	40.07 -0.04 0.00	37.86 -0.27 0.00	35.74 0.49 0.00	36.09 0.25 0.00	34.94 0.07 0.00	34.11 0.07 0.00	33.97 0.00 0.00	34.94 -0.03 0.00	36.46 0.11 0.00	40.79 -0.92 0.00	49.49 -1.58 0.00	45.56 -1.22 0.00	43.07 -0.88 0.00	40.08 -0.40 0.00	39.24 -0.28 0.00	37.60 0.63 0.00	36.48 0.54 0.00
NEG NORTH_KES_CHATEGAY 23792	29.10 0.90 0.00	27.44 0.88 0.00	26.42 0.77 0.00	25.82 0.73 0.00	26.10 0.76 0.00	27.76 0.46 0.00	34.23 0.54 0.00	40.15 0.04 0.00	37.93 -0.19 0.00	35.49 0.25 0.00	35.87 0.04 0.00	34.70 -0.17 0.00	33.91 -0.14 0.00	33.77 -0.20 0.00	34.73 -0.24 0.00	36.28 -0.07 0.00	40.91 -0.79 0.00	49.60 -1.48 0.00	45.70 -1.08 0.00	43.21 -0.75 0.00	40.20 -0.28 0.00	39.36 -0.16 0.00	37.37 0.41 0.00	36.27 0.32 0.00
NEG NORTH___ALICE_FALLS 23915	29.56 1.35 0.00	27.87 1.30 0.00	26.80 1.15 0.00	26.20 1.10 0.00	26.50 1.17 0.00	28.09 0.79 0.00	34.67 0.98 0.00	40.51 0.40 0.00	38.20 0.08 0.00	35.99 0.74 0.00	36.31 0.47 0.00	35.15 0.28 0.00	34.31 0.27 0.00	34.18 0.20 0.00	35.15 0.17 0.00	36.71 0.36 0.00	41.25 -0.46 0.00	50.11 -0.97 0.00	46.16 -0.61 0.00	43.60 -0.35 0.00	40.52 0.04 0.00	39.67 0.16 0.00	37.85 0.89 0.00	36.70 0.75 0.00
NEG NORTH___LWR_SARANAC 23913	29.56 1.35 0.00	27.87 1.30 0.00	26.80 1.15 0.00	26.20 1.10 0.00	26.50 1.17 0.00	28.09 0.79 0.00	34.67 0.98 0.00	40.51 0.40 0.00	38.20 0.08 0.00	35.99 0.74 0.00	36.31 0.47 0.00	35.15 0.28 0.00	34.31 0.27 0.00	34.18 0.20 0.00	35.15 0.17 0.00	36.71 0.36 0.00	41.25 -0.46 0.00	50.11 -0.97 0.00	46.16 -0.61 0.00	43.60 -0.35 0.00	40.52 0.04 0.00	39.67 0.16 0.00	37.85 0.89 0.00	36.70 0.75 0.00
NEG NORTH___PLATTSBURG 23628	29.56 1.35 0.00	27.87 1.30 0.00	26.80 1.16 0.00	26.20 1.10 0.00	26.50 1.17 0.00	28.09 0.79 0.00	34.67 0.98 0.00	40.51 0.40 0.00	38.20 0.08 0.00	35.95 0.70 0.00	36.30 0.46 0.00	35.15 0.28 0.00	34.31 0.27 0.00	34.18 0.21 0.00	35.15 0.18 0.00	36.71 0.36 0.00	41.25 -0.46 0.00	50.11 -0.97 0.00	46.16 -0.61 0.00	43.65 -0.31 0.00	40.57 0.08 0.00	39.67 0.16 0.00	37.85 0.89 0.00	36.70 0.76 0.00
NEG WEST_LEA_LOCKPORT 23791	26.37 -1.83 0.00	24.68 -1.89 0.00	23.83 -1.82 0.00	23.09 -2.01 0.00	23.38 -1.95 0.00	25.41 -1.88 0.00	30.93 -2.76 0.00	36.10 -4.01 0.00	34.12 -4.00 0.00	31.61 -3.63 0.00	32.15 -3.69 0.00	31.42 -3.45 0.00	30.77 -3.27 0.00	30.78 -3.19 0.00	31.59 -3.39 0.00	32.71 -3.63 0.00	37.62 -4.09 0.00	47.04 -4.04 0.00	42.70 -4.07 0.00	39.82 -4.13 0.00	36.31 -4.17 0.00	35.64 -3.87 0.00	33.53 -3.44 0.00	33.10 -2.84 0.00
NEG WEST___LANCASTER 23811	27.44 -0.76 0.00	25.69 -0.88 0.00	24.80 -0.85 0.00	24.07 -1.03 0.00	24.37 -0.96 0.00	26.48 -0.82 0.00	32.31 -1.38 0.00	37.82 -2.29 0.00	35.57 -2.55 0.00	32.88 -2.36 0.00	33.51 -2.33 0.00	32.78 -2.09 0.00	32.10 -1.94 0.00	32.07 -1.90 0.00	32.91 -2.06 0.00	34.09 -2.25 0.00	39.20 -2.50 0.00	49.14 -1.94 0.00	44.57 -2.20 0.00	41.54 -2.42 0.00	37.89 -2.59 0.00	37.18 -2.33 0.00	34.90 -2.07 0.00	34.51 -1.44 0.00
NEG_PENN_ALLEGHNY 23528	28.23 0.03 0.00	26.57 0.00 0.00	25.62 -0.03 0.00	25.02 -0.08 0.00	25.28 -0.05 0.00	27.32 0.03 0.00	33.72 0.03 0.00	40.15 0.04 0.00	38.05 -0.08 0.00	35.14 -0.11 0.00	35.77 -0.07 0.00	34.84 -0.03 0.00	34.01 -0.03 0.00	33.94 -0.03 0.00	34.91 -0.07 0.00	36.24 -0.11 0.00	41.66 -0.04 0.00	51.59 0.51 0.00	47.10 0.33 0.00	44.09 0.13 0.00	40.40 -0.08 0.00	39.44 -0.08 0.00	36.97 0.00 0.00	36.09 0.14 0.00
NEG___GEN_MONROE 24207	27.36 -0.85 0.00	25.66 -0.90 0.00	24.75 -0.90 0.00	23.97 -1.13 0.00	24.22 -1.11 0.00	26.31 -0.98 0.00	32.27 -1.41 0.00	38.15 -1.97 0.00	36.22 -1.91 0.00	33.41 -1.83 0.00	33.98 -1.86 0.00	33.02 -1.85 0.00	32.31 -1.74 0.00	32.28 -1.70 0.00	33.19 -1.78 0.00	34.42 -1.93 0.00	39.54 -2.17 0.00	49.19 -1.89 0.00	44.81 -1.96 0.00	41.98 -1.98 0.00	38.30 -2.19 0.00	37.34 -2.17 0.00	35.01 -1.96 0.00	34.43 -1.51 0.00
NEPA___ENERGY 23901	27.30 -0.90 0.00	25.56 -1.01 0.00	24.67 -0.97 0.00	23.94 -1.15 0.00	24.25 -1.09 0.00	26.34 -0.96 0.00	32.14 -1.55 0.00	37.70 -2.41 0.00	35.42 -2.71 0.00	32.74 -2.50 0.00	33.37 -2.47 0.00	32.67 -2.20 0.00	31.97 -2.08 0.00	31.97 -2.00 0.00	32.81 -2.17 0.00	33.95 -2.40 0.00	39.04 -2.67 0.00	48.88 -2.20 0.00	44.34 -2.43 0.00	41.32 -2.64 0.00	37.73 -2.75 0.00	36.99 -2.53 0.00	34.71 -2.26 0.00	34.29 -1.65 0.00
NEVERSINK___HYD 23608	29.50 1.30 0.00	27.73 1.17 0.00	26.75 1.10 0.00	26.22 1.13 0.00	26.48 1.14 0.00	28.58 1.28 0.00	35.47 1.78 0.00	42.16 2.04 0.00	40.18 2.06 0.00	37.01 1.76 0.00	37.49 1.65 0.00	36.40 1.53 0.00	35.58 1.53 0.00	34.48 0.51 0.00	35.57 0.59 0.00	37.04 0.69 0.00	42.83 1.13 0.00	52.97 1.89 0.00	48.59 1.82 0.00	45.32 1.36 0.00	41.45 0.97 0.00	41.65 2.13 0.00	38.74 1.77 0.00	37.56 1.62 0.00
NEWKRMKL_115KV_TB1 55635	28.77 0.56 0.00	27.12 0.56 0.00	26.26 0.62 0.00	25.72 0.63 0.00	25.94 0.61 0.00	27.90 0.60 0.00	34.43 0.74 0.00	40.95 0.84 0.00	39.00 0.88 0.00	36.02 0.78 0.00	36.66 0.82 0.00	35.71 0.84 0.00	34.79 0.75 0.00	34.69 0.71 0.00	35.75 0.77 0.00	37.11 0.76 0.00	42.71 1.00 0.00	52.56 1.48 0.00	48.22 1.45 0.00	45.10 1.14 0.00	41.54 1.05 0.00	40.50 0.99 0.00	37.78 0.81 0.00	36.84 0.90 0.00

NEWTON___FALLS_HYD 23847	27.64 -0.56 0.00	26.09 -0.48 0.00	25.14 -0.51 0.00	24.59 -0.50 0.00	24.83 -0.51 0.00	26.75 -0.55 0.00	33.01 -0.67 0.00	39.23 -0.88 0.00	37.29 -0.84 0.00	34.61 -0.63 0.00	35.09 -0.75 0.00	34.10 -0.77 0.00	33.29 -0.75 0.00	33.23 -0.75 0.00	34.24 -0.73 0.00	35.88 -0.47 0.00	41.04 -0.67 0.00	50.16 -0.92 0.00	46.07 -0.70 0.00	43.38 -0.57 0.00	40.00 -0.49 0.00	39.04 -0.47 0.00	36.56 -0.41 0.00	35.41 -0.54 0.00
NGRID_A1_DSASP 323792	25.80 -2.40 0.00	24.12 -2.44 0.00	23.34 -2.31 0.00	22.64 -2.46 0.00	22.90 -2.43 0.00	24.87 -2.43 0.00	30.18 -3.50 0.00	35.26 -4.85 0.00	33.21 -4.92 0.00	30.94 -4.30 0.00	31.32 -4.52 0.00	30.65 -4.22 0.00	29.96 -4.09 0.00	29.97 -4.01 0.00	30.74 -4.23 0.00	31.80 -4.54 0.00	36.45 -5.26 0.00	45.51 -5.57 0.00	41.25 -5.52 0.00	38.59 -5.36 0.00	35.22 -5.26 0.00	34.54 -4.98 0.00	33.05 -3.92 0.00	32.82 -3.13 0.00
NGRID_A2_DSASP 323793	25.80 -2.40 0.00	24.12 -2.44 0.00	23.34 -2.31 0.00	22.64 -2.46 0.00	22.90 -2.43 0.00	24.87 -2.43 0.00	30.18 -3.50 0.00	35.26 -4.85 0.00	33.21 -4.92 0.00	30.94 -4.30 0.00	31.32 -4.52 0.00	30.65 -4.22 0.00	29.96 -4.09 0.00	29.97 -4.01 0.00	30.74 -4.23 0.00	31.80 -4.54 0.00	36.45 -5.26 0.00	45.51 -5.57 0.00	41.25 -5.52 0.00	38.59 -5.36 0.00	35.22 -5.26 0.00	34.54 -4.98 0.00	33.05 -3.92 0.00	32.82 -3.13 0.00
NGRID_A4_DSASP 323807	25.80 -2.40 0.00	24.12 -2.44 0.00	23.34 -2.31 0.00	22.64 -2.46 0.00	22.90 -2.43 0.00	24.87 -2.43 0.00	30.18 -3.50 0.00	35.26 -4.85 0.00	33.21 -4.92 0.00	30.94 -4.30 0.00	31.32 -4.52 0.00	30.65 -4.22 0.00	29.96 -4.09 0.00	29.97 -4.01 0.00	30.74 -4.23 0.00	31.80 -4.54 0.00	36.45 -5.26 0.00	45.51 -5.57 0.00	41.25 -5.52 0.00	38.59 -5.36 0.00	35.22 -5.26 0.00	34.54 -4.98 0.00	33.05 -3.92 0.00	32.82 -3.13 0.00
NIAGARA_115E_LBMP 323715	25.89 -2.31 0.00	24.23 -2.34 0.00	23.42 -2.23 0.00	22.71 -2.38 0.00	22.98 -2.36 0.00	24.97 -2.32 0.00	30.32 -3.37 0.00	35.46 -4.65 0.00	33.40 -4.73 0.00	31.09 -4.16 0.00	31.50 -4.34 0.00	30.79 -4.08 0.00	30.09 -3.95 0.00	30.14 -3.84 0.00	30.92 -4.06 0.00	31.99 -4.36 0.00	36.66 -5.05 0.00	45.87 -5.21 0.00	41.53 -5.24 0.00	38.81 -5.14 0.00	35.46 -5.02 0.00	34.73 -4.78 0.00	33.24 -3.73 0.00	32.96 -2.98 0.00
NIAGARA_115W_LBMP 323714	25.72 -2.48 0.00	24.07 -2.50 0.00	23.26 -2.38 0.00	22.59 -2.51 0.00	22.83 -2.51 0.00	24.81 -2.48 0.00	30.08 -3.60 0.00	35.18 -4.94 0.00	33.13 -4.99 0.00	30.87 -4.37 0.00	31.25 -4.59 0.00	30.55 -4.33 0.00	29.85 -4.19 0.00	29.90 -4.08 0.00	30.67 -4.30 0.00	31.69 -4.65 0.00	36.33 -5.38 0.00	45.41 -5.67 0.00	41.11 -5.66 0.00	38.46 -5.50 0.00	35.14 -5.34 0.00	34.42 -5.10 0.00	32.94 -4.03 0.00	32.71 -3.23 0.00
NIAGARA_230_LBMP 323716	26.14 -2.06 0.00	24.47 -2.10 0.00	23.65 -2.00 0.00	22.96 -2.13 0.00	23.23 -2.10 0.00	25.22 -2.08 0.00	30.62 -3.07 0.00	35.82 -4.29 0.00	33.74 -4.38 0.00	31.40 -3.84 0.00	31.83 -4.01 0.00	31.10 -3.77 0.00	30.40 -3.64 0.00	30.41 -3.57 0.00	31.24 -3.74 0.00	32.28 -4.07 0.00	36.99 -4.71 0.00	46.17 -4.90 0.00	41.86 -4.91 0.00	39.16 -4.79 0.00	35.79 -4.70 0.00	35.05 -4.47 0.00	33.49 -3.48 0.00	33.25 -2.70 0.00
NIAGARA___115KV_198_GIBSON 55903	25.72 -2.48 0.00	24.07 -2.50 0.00	23.26 -2.39 0.00	22.56 -2.53 0.00	22.83 -2.51 0.00	24.81 -2.48 0.00	30.08 -3.60 0.00	35.02 -5.09 0.00	33.13 -4.99 0.00	30.73 -4.51 0.00	31.22 -4.62 0.00	30.55 -4.32 0.00	29.89 -4.15 0.00	29.90 -4.08 0.00	30.68 -4.30 0.00	31.77 -4.58 0.00	36.45 -5.25 0.00	45.46 -5.62 0.00	41.30 -5.47 0.00	38.55 -5.41 0.00	35.18 -5.30 0.00	34.58 -4.94 0.00	32.53 -4.44 0.00	32.13 -3.81 0.00
NIAGARA____ 23760	26.14 -2.06 0.00	24.47 -2.10 0.00	23.65 -2.00 0.00	22.96 -2.13 0.00	23.23 -2.10 0.00	25.22 -2.08 0.00	30.62 -3.07 0.00	35.82 -4.29 0.00	33.74 -4.38 0.00	31.40 -3.84 0.00	31.83 -4.01 0.00	31.10 -3.77 0.00	30.40 -3.64 0.00	30.41 -3.57 0.00	31.24 -3.74 0.00	32.28 -4.07 0.00	36.99 -4.71 0.00	46.17 -4.90 0.00	41.86 -4.91 0.00	39.16 -4.79 0.00	35.79 -4.70 0.00	35.05 -4.47 0.00	33.49 -3.48 0.00	33.25 -2.70 0.00
NINE_MILE_1 23575	27.10 -1.10 0.00	25.53 -1.04 0.00	24.65 -1.00 0.00	24.09 -1.00 0.00	24.32 -1.01 0.00	26.23 -1.06 0.00	32.37 -1.31 0.00	38.55 -1.56 0.00	36.60 -1.53 0.00	33.83 -1.41 0.00	34.40 -1.43 0.00	33.51 -1.36 0.00	32.71 -1.33 0.00	32.65 -1.33 0.00	33.61 -1.36 0.00	34.89 -1.46 0.00	40.08 -1.63 0.00	49.34 -1.74 0.00	45.13 -1.64 0.00	42.33 -1.63 0.00	38.90 -1.58 0.00	37.93 -1.58 0.00	35.56 -1.40 0.00	34.61 -1.33 0.00
NINE_MILE_2 23744	27.10 -1.10 0.00	25.53 -1.04 0.00	24.65 -1.00 0.00	24.09 -1.00 0.00	24.32 -1.01 0.00	26.23 -1.06 0.00	32.37 -1.31 0.00	38.55 -1.56 0.00	36.60 -1.53 0.00	33.83 -1.41 0.00	34.40 -1.43 0.00	33.51 -1.36 0.00	32.71 -1.33 0.00	32.65 -1.33 0.00	33.61 -1.36 0.00	34.89 -1.46 0.00	40.08 -1.63 0.00	49.34 -1.74 0.00	45.13 -1.64 0.00	42.33 -1.63 0.00	38.90 -1.58 0.00	37.97 -1.54 0.00	35.56 -1.40 0.00	34.61 -1.33 0.00
NM_CAPITAL___DRP 24208	28.88 0.68 0.00	27.23 0.66 0.00	26.34 0.69 0.00	25.80 0.70 0.00	26.02 0.68 0.00	27.98 0.68 0.00	34.53 0.84 0.00	41.11 1.00 0.00	39.12 0.99 0.00	36.13 0.88 0.00	36.77 0.93 0.00	35.81 0.94 0.00	34.89 0.85 0.00	34.82 0.85 0.00	35.85 0.87 0.00	37.22 0.87 0.00	42.83 1.13 0.00	52.66 1.58 0.00	48.31 1.54 0.00	45.23 1.27 0.00	41.62 1.13 0.00	40.62 1.11 0.00	37.89 0.92 0.00	36.95 1.01 0.00
NM_CENTRAL___DRP 24181	27.64 -0.56 0.00	26.04 -0.53 0.00	25.14 -0.51 0.00	24.57 -0.53 0.00	24.80 -0.53 0.00	26.78 -0.52 0.00	33.05 -0.64 0.00	39.31 -0.80 0.00	37.36 -0.76 0.00	34.54 -0.70 0.00	35.12 -0.72 0.00	34.21 -0.66 0.00	33.40 -0.65 0.00	33.33 -0.65 0.00	34.31 -0.66 0.00	35.66 -0.69 0.00	40.96 -0.75 0.00	50.57 -0.51 0.00	46.16 -0.61 0.00	43.29 -0.66 0.00	39.71 -0.77 0.00	38.76 -0.75 0.00	36.23 -0.74 0.00	35.23 -0.72 0.00
NM_FRONTIER___DRP 24179	25.72 -2.48 0.00	24.07 -2.50 0.00	23.26 -2.39 0.00	22.56 -2.53 0.00	22.83 -2.51 0.00	24.81 -2.48 0.00	30.08 -3.60 0.00	35.02 -5.09 0.00	33.13 -4.99 0.00	30.73 -4.51 0.00	31.22 -4.62 0.00	30.55 -4.32 0.00	29.89 -4.15 0.00	29.90 -4.08 0.00	30.68 -4.30 0.00	31.77 -4.58 0.00	36.45 -5.25 0.00	45.46 -5.62 0.00	41.30 -5.47 0.00	38.55 -5.41 0.00	35.18 -5.30 0.00	34.58 -4.94 0.00	32.53 -4.44 0.00	32.13 -3.81 0.00
NM_ST_REGIS___HYD 24053	28.12 -0.08 0.00	26.51 -0.05 0.00	25.55 -0.10 0.00	24.99 -0.10 0.00	25.26 -0.08 0.00	27.08 -0.22 0.00	33.45 -0.24 0.00	39.51 -0.60 0.00	37.63 -0.50 0.00	35.07 -0.18 0.00	35.52 -0.32 0.00	34.49 -0.38 0.00	33.70 -0.34 0.00	33.60 -0.37 0.00	34.63 -0.35 0.00	36.13 -0.22 0.00	40.91 -0.79 0.00	49.60 -1.48 0.00	45.60 -1.17 0.00	43.07 -0.88 0.00	39.96 -0.53 0.00	39.04 -0.47 0.00	36.86 -0.11 0.00	35.69 -0.25 0.00

NORTHPORT___1 23551	32.86 1.89 -2.77	30.95 1.83 -2.55	29.56 1.77 -2.14	29.26 1.78 -2.38	30.16 1.87 -2.95	33.05 1.88 -3.87	39.06 2.53 -2.85	45.20 3.21 -1.88	43.35 3.16 -2.06	37.75 2.50 0.00	38.35 2.51 0.00	36.82 1.95 0.00	35.91 1.87 0.00	35.91 1.94 0.00	36.83 1.85 0.00	38.27 1.93 0.00	44.79 3.09 0.00	56.74 4.50 -1.17	51.74 4.12 -0.85	49.67 3.47 -2.25	47.76 2.92 -4.36	41.81 2.29 0.00	38.63 1.67 0.00	37.27 1.33 0.00
NORTHPORT___2 23552	32.86 1.89 -2.77	30.95 1.83 -2.55	29.56 1.77 -2.14	29.26 1.78 -2.38	30.16 1.87 -2.95	33.05 1.88 -3.87	39.06 2.53 -2.85	45.20 3.21 -1.88	43.35 3.16 -2.06	37.75 2.50 0.00	38.35 2.51 0.00	36.82 1.95 0.00	35.91 1.87 0.00	35.91 1.94 0.00	36.83 1.85 0.00	38.27 1.93 0.00	44.79 3.09 0.00	56.74 4.50 -1.17	51.74 4.12 -0.85	49.67 3.47 -2.25	47.76 2.92 -4.36	41.81 2.29 0.00	38.63 1.67 0.00	37.27 1.33 0.00
NORTHPORT___3 23553	33.32 2.34 -2.78	31.27 2.15 -2.55	29.87 2.08 -2.14	29.59 2.11 -2.38	30.41 2.13 -2.95	33.47 2.29 -3.88	39.44 2.90 -2.85	45.73 3.73 -1.89	43.82 3.62 -2.07	38.39 3.14 -0.01	39.03 3.19 0.00	37.59 2.72 0.00	36.77 2.72 0.00	36.73 2.75 0.00	37.60 2.62 0.00	39.00 2.65 0.00	45.84 4.13 0.00	57.96 5.72 -1.17	52.86 5.24 -0.85	50.73 4.53 -2.25	48.57 3.72 -4.36	42.87 3.36 0.00	39.44 2.48 0.00	38.32 2.37 0.00
NORTHPORT___4 23650	33.32 2.34 -2.78	31.27 2.15 -2.55	29.87 2.08 -2.14	29.59 2.11 -2.38	30.41 2.13 -2.95	33.47 2.29 -3.88	39.44 2.90 -2.85	45.73 3.73 -1.89	43.82 3.62 -2.07	38.39 3.14 -0.01	39.03 3.19 0.00	37.59 2.72 0.00	36.77 2.72 0.00	36.73 2.75 0.00	37.60 2.62 0.00	39.00 2.65 0.00	45.84 4.13 0.00	57.96 5.72 -1.17	52.86 5.24 -0.85	50.73 4.53 -2.25	48.57 3.72 -4.36	42.87 3.36 0.00	39.44 2.48 0.00	38.32 2.37 0.00
NORTHPORT___IC 23718	32.86 1.89 -2.77	30.95 1.83 -2.55	29.56 1.77 -2.14	29.26 1.78 -2.38	30.16 1.87 -2.95	33.05 1.88 -3.87	39.06 2.53 -2.85	45.20 3.21 -1.88	43.35 3.16 -2.06	37.75 2.50 0.00	38.35 2.51 0.00	36.82 1.95 0.00	35.91 1.87 0.00	35.91 1.94 0.00	36.83 1.85 0.00	38.27 1.93 0.00	44.79 3.09 0.00	56.74 4.50 -1.17	51.74 4.12 -0.85	49.67 3.47 -2.25	47.76 2.92 -4.36	41.81 2.29 0.00	38.63 1.67 0.00	37.27 1.33 0.00
NORTH___COUNTRY_ESR 323785	28.99 0.79 0.00	27.34 0.77 0.00	26.32 0.67 0.00	25.75 0.65 0.00	26.02 0.68 0.00	27.68 0.38 0.00	34.13 0.44 0.00	39.99 -0.12 0.00	37.82 -0.31 0.00	35.39 0.14 0.00	35.77 -0.07 0.00	34.63 -0.24 0.00	33.84 -0.20 0.00	33.67 -0.31 0.00	34.66 -0.32 0.00	36.17 -0.18 0.00	40.75 -0.96 0.00	49.39 -1.68 0.00	45.46 -1.31 0.00	43.03 -0.93 0.00	40.04 -0.44 0.00	39.20 -0.32 0.00	37.23 0.26 0.00	36.12 0.18 0.00
NPX_GEN_1385_PROXY 323591	32.69 1.72 -2.77	30.84 1.73 -2.55	29.44 1.64 -2.14	29.06 1.58 -2.38	30.16 1.87 -2.95	32.97 1.80 -3.87	39.60 3.07 -2.85	45.20 3.21 -1.88	43.43 3.24 -2.06	37.15 1.90 0.00	38.20 2.36 0.00	36.72 1.85 0.00	35.78 1.74 0.00	35.77 1.80 0.00	36.73 1.75 0.00	38.02 1.67 0.00	44.92 3.21 0.00	57.40 5.16 -1.17	52.11 4.49 -0.85	49.84 3.65 -2.25	47.84 3.00 -4.36	41.85 2.33 0.00	38.52 1.55 0.00	37.20 1.26 0.00
NPX_GEN_CSC 323557	33.90 2.93 -2.77	31.77 2.66 -2.55	30.33 2.54 -2.14	30.04 2.56 -2.38	30.90 2.61 -2.95	34.12 2.95 -3.88	40.41 3.87 -2.85	46.92 4.93 -1.88	44.91 4.73 -2.06	39.16 3.91 0.00	39.78 3.94 0.00	38.29 3.42 0.00	37.28 3.24 0.00	37.31 3.33 0.00	38.27 3.29 0.00	39.80 3.45 0.00	46.88 5.17 0.00	59.09 6.85 -1.17	53.94 6.31 -0.85	52.00 5.80 -2.25	49.90 5.06 -4.36	43.31 3.79 0.00	39.93 2.96 0.00	38.93 2.98 0.00
NSINS_S_GLNS_FALLS 23858	29.92 1.72 0.00	28.21 1.65 0.00	27.24 1.59 0.00	26.65 1.56 0.00	26.91 1.57 0.00	29.04 1.75 0.00	36.11 2.43 0.00	42.88 2.77 0.00	40.83 2.71 0.00	37.68 2.43 0.00	38.24 2.40 0.00	37.28 2.41 0.00	36.19 2.14 0.00	36.05 2.07 0.00	37.22 2.24 0.00	38.78 2.44 0.00	44.79 3.09 0.00	55.32 4.24 0.00	50.98 4.21 0.00	47.65 3.69 0.00	43.88 3.40 0.00	42.80 3.28 0.00	39.81 2.85 0.00	38.71 2.77 0.00
NUCOR_STEEL___DRP 24197	27.95 -0.25 0.00	26.33 -0.24 0.00	25.39 -0.26 0.00	24.79 -0.30 0.00	25.03 -0.30 0.00	27.08 -0.22 0.00	33.45 -0.24 0.00	39.87 -0.24 0.00	37.86 -0.27 0.00	34.96 -0.28 0.00	35.59 -0.25 0.00	34.63 -0.24 0.00	33.80 -0.24 0.00	33.74 -0.24 0.00	34.73 -0.24 0.00	36.09 -0.25 0.00	41.54 -0.17 0.00	51.38 0.31 0.00	46.91 0.14 0.00	44.00 0.04 0.00	40.32 -0.16 0.00	39.36 -0.16 0.00	36.78 -0.18 0.00	35.80 -0.14 0.00
NUMBER_THREE_WT_PWR 323818	28.20 0.00 0.00	26.59 0.03 0.00	25.65 0.00 0.00	25.09 0.00 0.00	25.31 -0.03 0.00	27.35 0.05 0.00	33.65 -0.03 0.00	40.11 0.00 0.00	38.01 -0.11 0.00	35.14 -0.11 0.00	35.66 -0.18 0.00	34.66 -0.21 0.00	33.81 -0.24 0.00	33.81 -0.17 0.00	34.84 -0.14 0.00	36.71 0.36 0.00	42.29 0.58 0.00	52.10 1.02 0.00	47.75 0.98 0.00	44.88 0.92 0.00	41.17 0.69 0.00	40.19 0.67 0.00	37.45 0.48 0.00	36.30 0.36 0.00
NYISO_LBMP_REFERENCE 24008	28.20 0.00 0.00	26.57 0.00 0.00	25.65 0.00 0.00	25.09 0.00 0.00	25.34 0.00 0.00	27.29 0.00 0.00	33.69 0.00 0.00	40.11 0.00 0.00	38.12 0.00 0.00	35.24 0.00 0.00	35.84 0.00 0.00	34.87 0.00 0.00	34.04 0.00 0.00	33.97 0.00 0.00	34.98 0.00 0.00	36.35 0.00 0.00	41.71 0.00 0.00	51.08 0.00 0.00	46.77 0.00 0.00	43.95 0.00 0.00	40.48 0.00 0.00	39.52 0.00 0.00	36.97 0.00 0.00	35.94 0.00 0.00
NYPA_BRENTWD___GT 24164	33.40 2.43 -2.77	31.35 2.23 -2.55	29.95 2.15 -2.14	29.66 2.18 -2.38	30.52 2.23 -2.95	33.60 2.43 -3.88	39.70 3.17 -2.85	46.04 4.05 -1.88	44.12 3.93 -2.06	38.45 3.21 0.00	39.10 3.26 0.00	37.62 2.75 0.00	36.66 2.62 0.00	36.66 2.68 0.00	37.64 2.66 0.00	39.08 2.73 0.00	45.88 4.17 0.00	58.06 5.82 -1.17	53.00 5.38 -0.85	50.86 4.66 -2.25	48.81 3.97 -4.36	42.79 3.28 0.00	39.52 2.55 0.00	38.17 2.23 0.00
NYPA_GOWANUS___GT5 24156	30.10 1.89 -0.01	28.28 1.70 -0.01	27.30 1.64 -0.01	26.76 1.66 -0.01	27.02 1.67 -0.01	29.10 1.80 0.00	35.98 2.29 0.00	43.16 3.05 0.00	41.10 2.98 0.00	38.03 2.78 0.00	38.60 2.76 0.00	37.52 2.65 0.00	36.66 2.62 0.00	36.63 2.65 0.00	37.72 2.73 -0.02	62.26 2.80 -23.11	45.26 3.54 -0.02	100.53 4.90 -44.55	123.50 4.49 -72.24	63.13 3.82 -15.36	101.76 3.00 -58.28	55.98 2.92 -13.54	58.64 2.55 -19.13	38.15 2.19 -0.01
NYPA_GOWANUS___GT6 24157	30.10 1.89 -0.01	28.28 1.70 -0.01	27.30 1.64 -0.01	26.76 1.66 -0.01	27.02 1.67 -0.01	29.10 1.80 0.00	35.98 2.29 0.00	43.16 3.05 0.00	41.10 2.98 0.00	38.03 2.78 0.00	38.60 2.76 0.00	37.52 2.65 0.00	36.66 2.62 0.00	36.63 2.65 0.00	37.72 2.73 -0.02	62.26 2.80 -23.11	45.26 3.54 -0.02	100.53 4.90 -44.55	123.50 4.49 -72.24	63.13 3.82 -15.36	101.76 3.00 -58.28	55.98 2.92 -13.54	58.64 2.55 -19.13	38.15 2.19 -0.01

NYPA_HARLEM__RVR__GT1 24160	30.04 1.83 -0.01	28.30 1.73 -0.01	27.32 1.67 -0.01	26.78 1.68 -0.01	27.04 1.70 -0.01	29.18 1.88 0.00	35.95 2.26 0.00	42.84 2.73 0.00	40.75 2.63 0.01	37.67 2.43 0.01	38.30 2.47 0.01	37.24 2.37 0.01	36.38 2.35 0.01	36.31 2.34 0.01	37.43 2.45 -0.01	38.85 2.51 0.01	44.93 3.21 -0.01	55.53 4.44 -0.01	50.81 4.02 -0.01	47.38 3.43 0.00	43.07 2.59 0.01	42.20 2.69 0.00	39.41 2.44 -0.01	38.07 2.12 -0.01
NYPA_HARLEM__RVR__GT2 24161	30.04 1.83 -0.01	28.30 1.73 -0.01	27.32 1.67 -0.01	26.78 1.68 -0.01	27.04 1.70 -0.01	29.18 1.88 0.00	35.95 2.26 0.00	42.84 2.73 0.00	40.75 2.63 0.01	37.67 2.43 0.01	38.30 2.47 0.01	37.24 2.37 0.01	36.38 2.35 0.01	36.31 2.34 0.01	37.43 2.45 -0.01	38.85 2.51 0.01	44.93 3.21 -0.01	55.53 4.44 -0.01	50.81 4.02 -0.01	47.38 3.43 0.00	43.07 2.59 0.01	42.20 2.69 0.00	39.41 2.44 -0.01	38.07 2.12 -0.01
NYPA_KENT____GT 24152	30.07 1.86 -0.01	28.25 1.67 -0.01	27.27 1.62 -0.01	26.76 1.66 -0.01	27.02 1.67 -0.01	29.07 1.77 0.00	35.95 2.26 0.00	43.12 3.01 0.00	41.06 2.94 0.00	37.96 2.71 0.00	38.56 2.72 0.00	37.49 2.62 0.00	36.63 2.59 0.00	36.56 2.58 0.00	37.69 2.69 -0.02	52.31 2.73 -13.23	45.18 3.46 -0.02	81.34 4.75 -25.51	92.49 4.35 -41.36	56.44 3.69 -8.79	76.76 2.92 -33.36	50.11 2.85 -7.75	50.40 2.48 -10.96	38.07 2.12 -0.01
NYPA_POUCH1____GT 24155	30.04 1.83 -0.01	28.20 1.62 -0.01	27.22 1.56 -0.01	26.68 1.58 -0.01	26.94 1.60 -0.01	28.99 1.69 0.00	35.85 2.16 0.00	42.96 2.85 0.00	40.95 2.82 0.00	37.86 2.61 0.00	38.46 2.61 0.00	37.39 2.51 0.00	36.50 2.45 0.00	36.46 2.48 0.00	37.59 2.59 -0.02	62.11 2.65 -23.11	45.06 3.34 -0.02	100.32 4.70 -44.55	123.36 4.35 -72.24	63.00 3.69 -15.36	101.64 2.87 -58.28	55.86 2.81 -13.54	58.53 2.44 -19.13	38.04 2.08 -0.01
NYPA_VERNON____GT2 24162	30.04 1.83 -0.01	28.22 1.65 -0.01	27.25 1.59 -0.01	26.73 1.63 -0.01	26.99 1.65 -0.01	29.07 1.77 0.00	35.95 2.26 0.00	43.08 2.97 0.00	41.02 2.90 0.00	37.89 2.64 0.00	38.53 2.69 0.00	37.45 2.58 0.00	36.56 2.52 0.00	36.52 2.55 0.00	37.62 2.62 -0.02	42.39 2.69 -3.35	45.14 3.42 -0.02	62.25 4.70 -6.47	61.56 4.30 -10.49	49.83 3.65 -2.23	51.77 2.83 -8.45	44.24 2.77 -1.96	42.15 2.40 -2.78	38.00 2.05 -0.01
NYPA_VERNON____GT3 24163	30.04 1.83 -0.01	28.22 1.65 -0.01	27.25 1.59 -0.01	26.73 1.63 -0.01	26.99 1.65 -0.01	29.07 1.77 0.00	35.95 2.26 0.00	43.08 2.97 0.00	41.02 2.90 0.00	37.89 2.64 0.00	38.53 2.69 0.00	37.45 2.58 0.00	36.56 2.52 0.00	36.52 2.55 0.00	37.62 2.62 -0.02	42.39 2.69 -3.35	45.14 3.42 -0.02	62.25 4.70 -6.47	61.56 4.30 -10.49	49.83 3.65 -2.23	51.77 2.83 -8.45	44.24 2.77 -1.96	42.15 2.40 -2.78	38.00 2.05 -0.01
NYPA__ASTORIA_CC1 323568	30.04 1.83 -0.01	28.22 1.65 -0.01	27.27 1.62 -0.01	26.73 1.63 -0.01	26.99 1.65 -0.01	29.07 1.77 0.00	35.91 2.22 0.00	43.00 2.89 0.00	40.95 2.82 0.00	37.85 2.61 0.00	38.45 2.61 0.00	37.38 2.51 0.00	36.53 2.48 0.00	36.49 2.51 0.00	37.58 2.59 -0.02	38.97 2.62 0.00	45.06 3.34 -0.02	55.69 4.60 -0.01	51.00 4.21 -0.01	47.51 3.56 0.00	43.24 2.75 0.00	42.24 2.72 0.00	39.38 2.40 -0.01	38.00 2.05 -0.01
NYPA__ASTORIA_CC2 323569	30.04 1.83 -0.01	28.22 1.65 -0.01	27.27 1.62 -0.01	26.73 1.63 -0.01	26.99 1.65 -0.01	29.07 1.77 0.00	35.91 2.22 0.00	43.00 2.89 0.00	40.95 2.82 0.00	37.85 2.61 0.00	38.45 2.61 0.00	37.38 2.51 0.00	36.53 2.48 0.00	36.49 2.51 0.00	37.58 2.59 -0.02	38.97 2.62 0.00	45.06 3.34 -0.02	55.69 4.60 -0.01	51.00 4.21 -0.01	47.51 3.56 0.00	43.24 2.75 0.00	42.24 2.72 0.00	39.38 2.40 -0.01	38.00 2.05 -0.01
NYPA__HOLTSVILL 23794	33.45 2.48 -2.77	31.40 2.29 -2.55	29.97 2.18 -2.14	29.69 2.21 -2.38	30.54 2.25 -2.95	33.65 2.48 -3.87	39.84 3.30 -2.85	46.20 4.21 -1.88	44.27 4.08 -2.06	38.56 3.31 0.00	39.17 3.33 0.00	37.69 2.82 0.00	36.73 2.69 0.00	36.73 2.75 0.00	37.71 2.73 0.00	39.18 2.84 0.00	46.04 4.34 0.00	58.22 5.97 -1.17	53.09 5.47 -0.85	51.03 4.83 -2.25	49.05 4.21 -4.36	42.84 3.32 0.00	39.55 2.59 0.00	38.28 2.34 0.00
NYPA__HELLGATE_GT1 24158	30.04 1.83 -0.01	28.30 1.73 -0.01	27.32 1.67 -0.01	26.78 1.68 -0.01	27.04 1.70 -0.01	29.18 1.88 0.00	35.95 2.26 0.00	42.84 2.73 0.00	40.75 2.63 0.01	37.67 2.43 0.01	38.30 2.47 0.01	37.24 2.37 0.01	36.38 2.35 0.01	36.31 2.34 0.01	37.43 2.45 -0.01	38.85 2.51 0.01	44.93 3.21 -0.01	55.53 4.44 -0.01	50.81 4.02 -0.01	47.38 3.43 0.00	43.07 2.59 0.01	42.20 2.69 0.00	39.41 2.44 -0.01	38.07 2.12 -0.01
NYPA__HELLGATE_GT2 24159	30.04 1.83 -0.01	28.30 1.73 -0.01	27.32 1.67 -0.01	26.78 1.68 -0.01	27.04 1.70 -0.01	29.18 1.88 0.00	35.95 2.26 0.00	42.84 2.73 0.00	40.75 2.63 0.01	37.67 2.43 0.01	38.30 2.47 0.01	37.24 2.37 0.01	36.38 2.35 0.01	36.31 2.34 0.01	37.43 2.45 -0.01	38.85 2.51 0.01	44.93 3.21 -0.01	55.53 4.44 -0.01	50.81 4.02 -0.01	47.38 3.43 0.00	43.07 2.59 0.01	42.20 2.69 0.00	39.41 2.44 -0.01	38.07 2.12 -0.01
NYS_BARGE__HYD 23848	26.37 -1.83 0.00	24.65 -1.91 0.00	23.83 -1.82 0.00	23.09 -2.01 0.00	23.36 -1.98 0.00	25.41 -1.88 0.00	30.93 -2.76 0.00	36.26 -3.85 0.00	34.16 -3.97 0.00	31.76 -3.49 0.00	32.22 -3.62 0.00	31.45 -3.42 0.00	30.77 -3.27 0.00	30.78 -3.19 0.00	31.59 -3.39 0.00	32.68 -3.67 0.00	37.54 -4.17 0.00	46.99 -4.09 0.00	42.56 -4.21 0.00	39.78 -4.18 0.00	36.32 -4.17 0.00	35.53 -3.99 0.00	33.94 -3.03 0.00	33.64 -2.30 0.00
OAK_ORCHARD__HYD 24046	27.10 -1.10 0.00	25.42 -1.14 0.00	24.55 -1.10 0.00	23.84 -1.25 0.00	24.09 -1.24 0.00	26.15 -1.15 0.00	32.17 -1.52 0.00	38.19 -1.92 0.00	36.14 -1.98 0.00	33.48 -1.76 0.00	34.05 -1.79 0.00	33.16 -1.71 0.00	32.41 -1.63 0.00	32.41 -1.56 0.00	33.30 -1.68 0.00	34.53 -1.82 0.00	39.62 -2.08 0.00	49.24 -1.84 0.00	44.76 -2.01 0.00	41.98 -1.98 0.00	38.34 -2.15 0.00	37.34 -2.17 0.00	35.42 -1.55 0.00	34.72 -1.22 0.00
OAKDALE__35_KV_LOAD 356122	28.20 0.00 0.00	26.54 -0.03 0.00	25.62 -0.03 0.00	24.99 -0.10 0.00	25.26 -0.08 0.00	27.32 0.03 0.00	33.69 0.00 0.00	40.03 -0.08 0.00	37.97 -0.15 0.00	35.07 -0.18 0.00	35.66 -0.18 0.00	34.77 -0.10 0.00	33.94 -0.10 0.00	33.87 -0.10 0.00	34.84 -0.14 0.00	36.17 -0.18 0.00	41.62 -0.08 0.00	51.49 0.41 0.00	47.01 0.23 0.00	44.00 0.04 0.00	40.28 -0.20 0.00	39.36 -0.16 0.00	36.82 -0.15 0.00	35.91 -0.04 0.00
OCC_CHEM__DRP 24175	25.80 -2.40 0.00	24.12 -2.44 0.00	23.32 -2.33 0.00	22.61 -2.48 0.00	22.90 -2.43 0.00	24.87 -2.43 0.00	30.18 -3.50 0.00	35.10 -5.01 0.00	33.21 -4.92 0.00	30.84 -4.41 0.00	31.29 -4.55 0.00	30.62 -4.25 0.00	29.96 -4.09 0.00	29.97 -4.01 0.00	30.78 -4.20 0.00	31.84 -4.51 0.00	36.53 -5.17 0.00	45.61 -5.47 0.00	41.44 -5.33 0.00	38.68 -5.27 0.00	35.30 -5.18 0.00	34.69 -4.82 0.00	32.61 -4.36 0.00	32.24 -3.70 0.00

OH_GEN_PROXY 24063	26.20 -2.00 0.00	24.52 -2.05 0.00	23.70 -1.95 0.00	23.01 -2.08 0.00	23.28 -2.05 0.00	25.28 -2.02 0.00	30.72 -2.96 0.00	35.98 -4.13 0.00	33.89 -4.23 0.00	31.54 -3.70 0.00	31.97 -3.87 0.00	31.24 -3.63 0.00	30.54 -3.51 0.00	30.54 -3.43 0.00	31.34 -3.64 0.00	32.42 -3.93 0.00	37.16 -4.54 0.00	46.38 -4.70 0.00	42.00 -4.77 0.00	39.29 -4.66 0.00	35.91 -4.57 0.00	35.21 -4.31 0.00	33.60 -3.36 0.00	33.32 -2.62 0.00
OLIN_CORP_DRP 24177	25.95 -2.26 0.00	24.28 -2.28 0.00	23.47 -2.18 0.00	22.76 -2.33 0.00	23.03 -2.31 0.00	25.03 -2.27 0.00	30.39 -3.30 0.00	35.42 -4.69 0.00	33.47 -4.65 0.00	31.05 -4.19 0.00	31.54 -4.30 0.00	30.86 -4.01 0.00	30.20 -3.85 0.00	30.20 -3.77 0.00	30.99 -3.99 0.00	32.13 -4.22 0.00	36.87 -4.84 0.00	46.02 -5.06 0.00	41.81 -4.96 0.00	39.03 -4.92 0.00	35.63 -4.86 0.00	34.97 -4.54 0.00	32.90 -4.07 0.00	32.49 -3.45 0.00
OLIN_CORP_DSASP 323712	25.80 -2.40 0.00	24.12 -2.44 0.00	23.34 -2.31 0.00	22.64 -2.46 0.00	22.90 -2.43 0.00	24.87 -2.43 0.00	30.18 -3.50 0.00	35.26 -4.85 0.00	33.21 -4.92 0.00	30.94 -4.30 0.00	31.32 -4.52 0.00	30.65 -4.22 0.00	29.96 -4.09 0.00	29.97 -4.01 0.00	30.74 -4.23 0.00	31.80 -4.54 0.00	36.45 -5.26 0.00	45.51 -5.57 0.00	41.25 -5.52 0.00	38.59 -5.36 0.00	35.22 -5.26 0.00	34.54 -4.98 0.00	33.05 -3.92 0.00	32.82 -3.13 0.00
ONEIDA_HERK_LFGE 323681	28.63 0.42 0.00	26.99 0.42 0.00	26.03 0.39 0.00	25.47 0.38 0.00	25.69 0.35 0.00	27.79 0.49 0.00	34.33 0.64 0.00	40.95 0.84 0.00	38.85 0.72 0.00	35.91 0.67 0.00	36.45 0.61 0.00	35.43 0.56 0.00	34.55 0.51 0.00	34.52 0.54 0.00	35.61 0.63 0.00	37.22 0.87 0.00	42.87 1.17 0.00	52.82 1.74 0.00	48.41 1.64 0.00	45.45 1.50 0.00	41.66 1.17 0.00	40.70 1.18 0.00	37.89 0.92 0.00	36.77 0.83 0.00
ONEIDA___115KV_TB4 55905	28.82 0.62 0.00	27.18 0.61 0.00	26.21 0.56 0.00	25.62 0.53 0.00	25.87 0.53 0.00	28.00 0.71 0.00	34.67 0.98 0.00	41.35 1.24 0.00	39.23 1.11 0.00	36.23 0.99 0.00	36.81 0.97 0.00	35.78 0.91 0.00	34.89 0.85 0.00	34.86 0.88 0.00	35.96 0.98 0.00	37.47 1.13 0.00	43.17 1.46 0.00	53.22 2.15 0.00	48.69 1.92 0.00	45.67 1.71 0.00	41.86 1.38 0.00	40.86 1.34 0.00	38.08 1.11 0.00	36.99 1.04 0.00
ONONDAGA_REF_OCCRA 23987	27.84 -0.37 0.00	26.19 -0.37 0.00	25.29 -0.36 0.00	24.72 -0.38 0.00	24.96 -0.38 0.00	26.94 -0.35 0.00	33.28 -0.40 0.00	39.63 -0.48 0.00	37.67 -0.46 0.00	34.79 -0.46 0.00	35.41 -0.43 0.00	34.45 -0.42 0.00	33.63 -0.41 0.00	33.57 -0.41 0.00	34.56 -0.42 0.00	35.91 -0.44 0.00	41.29 -0.42 0.00	50.98 -0.10 0.00	46.58 -0.19 0.00	43.69 -0.26 0.00	40.04 -0.45 0.00	39.08 -0.43 0.00	36.52 -0.44 0.00	35.51 -0.43 0.00
ONONDAGA___COGEN 23986	27.78 -0.42 0.00	26.19 -0.37 0.00	25.26 -0.38 0.00	24.69 -0.40 0.00	24.93 -0.41 0.00	26.91 -0.38 0.00	33.25 -0.44 0.00	39.63 -0.48 0.00	37.63 -0.50 0.00	34.79 -0.46 0.00	35.41 -0.43 0.00	34.49 -0.38 0.00	33.63 -0.41 0.00	33.57 -0.41 0.00	34.56 -0.42 0.00	35.91 -0.44 0.00	41.29 -0.42 0.00	50.98 -0.10 0.00	46.54 -0.23 0.00	43.65 -0.31 0.00	40.04 -0.45 0.00	39.08 -0.43 0.00	36.52 -0.44 0.00	35.55 -0.40 0.00
ONTARIO___LFGE 23819	28.03 -0.17 0.00	26.33 -0.24 0.00	25.39 -0.26 0.00	24.72 -0.38 0.00	25.01 -0.33 0.00	27.11 -0.19 0.00	33.52 -0.17 0.00	39.71 -0.40 0.00	37.71 -0.42 0.00	34.89 -0.35 0.00	35.48 -0.36 0.00	34.56 -0.31 0.00	33.74 -0.31 0.00	33.67 -0.31 0.00	34.66 -0.32 0.00	35.98 -0.36 0.00	41.21 -0.50 0.00	51.33 0.26 0.00	46.72 -0.05 0.00	43.82 -0.13 0.00	40.04 -0.44 0.00	39.04 -0.47 0.00	36.86 -0.11 0.00	36.05 0.11 0.00
ORANGEVILLE_WT_PWR 323706	27.16 -1.04 0.00	25.45 -1.11 0.00	24.57 -1.08 0.00	23.84 -1.25 0.00	24.09 -1.24 0.00	26.12 -1.17 0.00	31.84 -1.85 0.00	37.46 -2.65 0.00	35.23 -2.90 0.00	32.71 -2.54 0.00	33.19 -2.65 0.00	32.50 -2.37 0.00	31.76 -2.28 0.00	31.77 -2.21 0.00	32.63 -2.34 0.00	33.80 -2.55 0.00	38.87 -2.84 0.00	48.63 -2.45 0.00	44.15 -2.62 0.00	41.27 -2.68 0.00	37.73 -2.75 0.00	36.95 -2.57 0.00	35.12 -1.85 0.00	34.72 -1.22 0.00
ORANGEVILLE___ESR 323794	27.16 -1.04 0.00	25.45 -1.11 0.00	24.57 -1.08 0.00	23.84 -1.25 0.00	24.09 -1.24 0.00	26.12 -1.17 0.00	31.84 -1.85 0.00	37.46 -2.65 0.00	35.23 -2.90 0.00	32.71 -2.54 0.00	33.19 -2.65 0.00	32.50 -2.37 0.00	31.76 -2.28 0.00	31.77 -2.21 0.00	32.63 -2.34 0.00	33.80 -2.55 0.00	38.87 -2.84 0.00	48.63 -2.45 0.00	44.15 -2.62 0.00	41.27 -2.68 0.00	37.73 -2.75 0.00	36.95 -2.57 0.00	35.12 -1.85 0.00	34.72 -1.22 0.00
OSWEGATCHIE___HYD 24044	27.64 -0.56 0.00	26.09 -0.48 0.00	25.14 -0.51 0.00	24.59 -0.50 0.00	24.83 -0.51 0.00	26.75 -0.55 0.00	33.01 -0.67 0.00	39.23 -0.88 0.00	37.29 -0.84 0.00	34.61 -0.63 0.00	35.08 -0.75 0.00	34.10 -0.77 0.00	33.29 -0.75 0.00	33.23 -0.75 0.00	34.24 -0.74 0.00	35.87 -0.47 0.00	41.04 -0.67 0.00	50.16 -0.92 0.00	46.07 -0.70 0.00	43.38 -0.57 0.00	40.00 -0.48 0.00	39.04 -0.47 0.00	36.56 -0.41 0.00	35.41 -0.54 0.00
OSWEGO___5 23606	27.33 -0.87 0.00	25.74 -0.82 0.00	24.85 -0.80 0.00	24.29 -0.80 0.00	24.52 -0.81 0.00	26.45 -0.85 0.00	32.64 -1.04 0.00	38.87 -1.24 0.00	36.90 -1.22 0.00	34.12 -1.13 0.00	34.69 -1.15 0.00	33.79 -1.08 0.00	32.99 -1.06 0.00	32.92 -1.05 0.00	33.89 -1.08 0.00	35.18 -1.16 0.00	40.46 -1.25 0.00	49.80 -1.27 0.00	45.51 -1.26 0.00	42.72 -1.23 0.00	39.23 -1.26 0.00	38.29 -1.23 0.00	35.86 -1.11 0.00	34.90 -1.04 0.00
OSWEGO___6 23613	27.33 -0.87 0.00	25.74 -0.82 0.00	24.85 -0.80 0.00	24.29 -0.80 0.00	24.52 -0.81 0.00	26.45 -0.85 0.00	32.64 -1.04 0.00	38.87 -1.24 0.00	36.90 -1.22 0.00	34.12 -1.13 0.00	34.69 -1.15 0.00	33.79 -1.08 0.00	32.99 -1.06 0.00	32.92 -1.05 0.00	33.89 -1.08 0.00	35.18 -1.16 0.00	40.46 -1.25 0.00	49.80 -1.27 0.00	45.51 -1.26 0.00	42.72 -1.23 0.00	39.23 -1.26 0.00	38.29 -1.23 0.00	35.86 -1.11 0.00	34.90 -1.04 0.00
OUTOKUMPU-AB___DRP 24206	26.57 -1.64 0.00	24.84 -1.73 0.00	24.01 -1.64 0.00	23.26 -1.83 0.00	23.56 -1.77 0.00	25.60 -1.69 0.00	31.16 -2.53 0.00	36.38 -3.73 0.00	34.39 -3.74 0.00	31.90 -3.35 0.00	32.43 -3.40 0.00	31.73 -3.14 0.00	31.05 -3.00 0.00	31.05 -2.92 0.00	31.87 -3.11 0.00	33.00 -3.34 0.00	37.95 -3.75 0.00	47.50 -3.58 0.00	43.12 -3.65 0.00	40.17 -3.78 0.00	36.64 -3.85 0.00	36.00 -3.52 0.00	33.79 -3.18 0.00	33.36 -2.59 0.00
OXBOW___BTM 323836	26.20 -2.00 0.00	24.49 -2.07 0.00	23.67 -1.97 0.00	22.96 -2.13 0.00	23.23 -2.10 0.00	25.25 -2.05 0.00	30.69 -3.00 0.00	35.94 -4.17 0.00	33.86 -4.27 0.00	31.51 -3.74 0.00	31.93 -3.91 0.00	31.24 -3.63 0.00	30.54 -3.51 0.00	30.54 -3.43 0.00	31.34 -3.64 0.00	32.42 -3.93 0.00	37.20 -4.51 0.00	46.53 -4.55 0.00	42.14 -4.63 0.00	39.38 -4.57 0.00	35.95 -4.53 0.00	35.21 -4.31 0.00	33.68 -3.29 0.00	33.39 -2.55 0.00

OXBOW____ 24026	26.20 -2.00 0.00	24.49 -2.07 0.00	23.67 -1.98 0.00	22.96 -2.13 0.00	23.23 -2.10 0.00	25.25 -2.05 0.00	30.69 -3.00 0.00	35.78 -4.33 0.00	33.85 -4.27 0.00	31.40 -3.84 0.00	31.90 -3.94 0.00	31.21 -3.66 0.00	30.54 -3.51 0.00	30.54 -3.43 0.00	31.34 -3.64 0.00	32.46 -3.89 0.00	37.29 -4.42 0.00	46.63 -4.44 0.00	42.33 -4.44 0.00	39.47 -4.48 0.00	36.03 -4.45 0.00	35.37 -4.15 0.00	33.23 -3.73 0.00	32.82 -3.13 0.00
OXY_CHEM_DSASP 323612	25.80 -2.40 0.00	24.12 -2.44 0.00	23.32 -2.33 0.00	22.61 -2.48 0.00	22.90 -2.43 0.00	24.87 -2.43 0.00	30.18 -3.50 0.00	35.10 -5.01 0.00	33.21 -4.92 0.00	30.84 -4.41 0.00	31.29 -4.55 0.00	30.62 -4.25 0.00	29.96 -4.09 0.00	29.97 -4.01 0.00	30.78 -4.20 0.00	31.84 -4.51 0.00	36.53 -5.17 0.00	45.61 -5.47 0.00	41.44 -5.33 0.00	38.68 -5.27 0.00	35.30 -5.18 0.00	34.69 -4.82 0.00	32.61 -4.36 0.00	32.24 -3.70 0.00
OZONE_PARK_ESR 323760	30.06 1.86 0.00	28.21 1.65 0.00	27.27 1.62 0.00	26.73 1.63 0.00	26.98 1.65 0.00	29.10 1.80 0.00	35.98 2.29 0.00	43.28 3.17 0.00	41.17 3.05 0.00	38.06 2.82 0.00	38.67 2.83 0.00	37.59 2.72 0.00	36.70 2.66 0.00	36.66 2.68 0.00	37.75 2.76 -0.01	39.15 2.80 0.00	45.39 3.67 -0.01	56.05 4.95 -0.01	51.32 4.54 -0.01	47.87 3.91 0.00	43.52 3.04 0.00	42.36 2.85 0.00	39.56 2.59 0.00	38.24 2.30 0.00
PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	25.80 -2.40 0.00	24.12 -2.44 0.00	23.32 -2.33 0.00	22.61 -2.48 0.00	22.90 -2.43 0.00	24.87 -2.43 0.00	30.18 -3.50 0.00	35.10 -5.01 0.00	33.21 -4.92 0.00	30.84 -4.41 0.00	31.29 -4.55 0.00	30.62 -4.25 0.00	29.96 -4.09 0.00	29.97 -4.01 0.00	30.78 -4.20 0.00	31.84 -4.51 0.00	36.53 -5.17 0.00	45.61 -5.47 0.00	41.44 -5.33 0.00	38.68 -5.27 0.00	35.30 -5.18 0.00	34.69 -4.82 0.00	32.61 -4.36 0.00	32.24 -3.70 0.00
PACKARD__115KV_DUPONT_184 80571	25.80 -2.40 0.00	24.12 -2.44 0.00	23.32 -2.33 0.00	22.61 -2.48 0.00	22.90 -2.43 0.00	24.87 -2.43 0.00	30.18 -3.50 0.00	35.10 -5.01 0.00	33.21 -4.92 0.00	30.84 -4.41 0.00	31.29 -4.55 0.00	30.62 -4.25 0.00	29.96 -4.09 0.00	29.97 -4.01 0.00	30.78 -4.20 0.00	31.84 -4.51 0.00	36.53 -5.17 0.00	45.61 -5.47 0.00	41.44 -5.33 0.00	38.68 -5.27 0.00	35.30 -5.18 0.00	34.69 -4.82 0.00	32.61 -4.36 0.00	32.24 -3.70 0.00
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	30.07 1.86 -0.01	28.30 1.73 -0.01	27.35 1.69 -0.01	26.81 1.71 -0.01	27.07 1.72 -0.01	29.18 1.88 0.00	35.95 2.26 0.00	42.92 2.81 0.00	40.79 2.67 0.00	37.71 2.47 0.00	38.31 2.47 0.00	37.24 2.37 0.00	36.36 2.31 0.00	36.32 2.34 0.00	37.41 2.41 -0.02	38.82 2.47 0.00	44.89 3.17 -0.02	55.49 4.39 -0.01	50.76 3.98 -0.01	47.38 3.43 0.00	43.07 2.59 0.00	42.08 2.57 0.00	39.53 2.55 -0.01	38.25 2.30 -0.01
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	30.44 2.23 -0.01	28.65 2.07 -0.01	27.66 2.00 -0.01	27.11 2.01 -0.01	27.37 2.03 -0.01	29.48 2.18 0.00	36.38 2.26 0.00	43.40 3.29 0.00	41.25 3.13 0.00	38.14 2.89 0.00	38.71 2.87 0.00	37.59 2.72 0.00	36.70 2.66 0.00	36.66 2.68 0.00	37.79 2.80 -0.02	39.18 2.84 0.00	45.39 3.67 -0.02	56.10 5.01 -0.01	51.32 4.54 -0.01	47.87 3.91 0.00	43.48 3.00 0.00	42.52 3.00 0.00	39.97 2.99 -0.01	38.68 2.73 -0.01
PATROON__115KV_TB1 80586	28.85 0.65 0.00	27.20 0.64 0.00	26.34 0.69 0.00	25.80 0.70 0.00	26.02 0.68 0.00	27.98 0.68 0.00	34.56 0.88 0.00	41.11 1.00 0.00	39.12 0.99 0.00	36.16 0.92 0.00	36.77 0.93 0.00	35.81 0.94 0.00	34.89 0.85 0.00	34.82 0.85 0.00	35.85 0.87 0.00	37.22 0.87 0.00	42.83 1.13 0.00	52.71 1.63 0.00	48.36 1.59 0.00	45.27 1.32 0.00	41.66 1.17 0.00	40.66 1.15 0.00	37.89 0.92 0.00	36.95 1.01 0.00
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	27.33 -0.87 0.00	25.56 -1.01 0.00	24.67 -0.97 0.00	23.94 -1.15 0.00	24.25 -1.09 0.00	26.34 -0.96 0.00	32.14 -1.55 0.00	37.62 -2.49 0.00	35.42 -2.71 0.00	32.78 -2.47 0.00	33.40 -2.44 0.00	32.67 -2.20 0.00	31.97 -2.08 0.00	31.97 -2.00 0.00	32.81 -2.17 0.00	33.99 -2.36 0.00	39.08 -2.63 0.00	48.98 -2.09 0.00	44.43 -2.34 0.00	41.40 -2.55 0.00	37.77 -2.71 0.00	37.07 -2.45 0.00	34.79 -2.18 0.00	34.36 -1.58 0.00
PAWLING_115_KV_BK3_REV_LBMP_H 345028	29.84 1.64 0.00	28.05 1.49 0.00	27.09 1.44 0.00	26.55 1.46 0.00	26.75 1.42 0.00	28.82 1.53 0.00	35.78 2.09 0.00	42.72 2.61 0.00	40.79 2.67 0.00	37.57 2.33 0.00	38.17 2.33 0.00	37.07 2.20 0.00	36.19 2.14 0.00	36.11 2.14 0.00	37.22 2.24 0.00	38.71 2.36 0.00	44.79 3.09 0.00	55.27 4.19 0.00	50.65 3.88 0.00	47.34 3.38 0.00	43.36 2.87 0.00	42.16 2.65 0.00	39.30 2.33 0.00	38.06 2.12 0.00
PEEKSKILL____ 23653	29.56 1.35 0.00	27.79 1.22 0.00	26.83 1.18 0.00	26.35 1.25 0.00	26.60 1.27 0.00	28.66 1.36 0.00	35.47 1.78 0.00	42.52 2.41 0.00	40.49 2.36 0.00	37.32 2.08 0.00	37.99 2.15 0.00	36.93 2.06 0.00	36.05 2.01 0.00	35.98 2.00 0.00	37.04 2.06 0.00	38.46 2.11 0.00	44.46 2.75 0.00	54.92 3.83 -0.01	50.33 3.55 -0.01	46.90 2.95 0.00	42.87 2.39 0.00	41.73 2.21 0.00	38.78 1.81 0.00	37.49 1.54 0.00
PGE MADISON__WINDPWR 24146	30.46 2.26 0.00	28.77 2.20 0.00	27.73 2.08 0.00	27.08 1.98 0.00	27.29 1.95 0.00	29.67 2.37 0.00	37.06 3.37 0.00	44.32 4.21 0.00	41.97 3.85 0.00	38.77 3.52 0.00	39.13 3.30 0.00	38.04 3.17 0.00	37.11 3.07 0.00	37.03 3.06 0.00	38.19 3.22 0.00	39.87 3.52 0.00	46.21 4.51 0.00	57.67 6.59 0.00	52.76 5.99 0.00	49.54 5.58 0.00	45.10 4.61 0.00	44.06 4.54 0.00	40.96 3.99 0.00	39.79 3.85 0.00
PIERCEFIELD__HYD 23852	27.84 -0.37 0.00	26.25 -0.32 0.00	25.29 -0.36 0.00	24.74 -0.35 0.00	25.01 -0.33 0.00	26.83 -0.46 0.00	33.18 -0.51 0.00	39.23 -0.88 0.00	37.44 -0.69 0.00	34.82 -0.42 0.00	35.30 -0.54 0.00	34.31 -0.56 0.00	33.53 -0.51 0.00	33.43 -0.54 0.00	34.45 -0.52 0.00	35.95 -0.40 0.00	40.75 -0.96 0.00	49.39 -1.69 0.00	45.37 -1.40 0.00	42.85 -1.10 0.00	39.76 -0.73 0.00	38.80 -0.71 0.00	36.60 -0.37 0.00	35.44 -0.50 0.00
PINELAWN_CC_1 323563	33.23 2.26 -2.77	31.19 2.07 -2.55	29.77 1.98 -2.14	29.49 2.01 -2.38	30.31 2.03 -2.95	33.38 2.21 -3.88	39.06 2.53 -2.85	45.24 3.25 -1.88	43.39 3.20 -2.06	37.92 2.68 0.00	38.60 2.76 0.00	37.21 2.34 0.00	36.29 2.25 0.00	36.29 2.31 0.00	37.22 2.24 0.00	38.64 2.29 0.00	45.25 3.54 0.00	57.25 5.01 -1.17	52.26 4.63 -0.85	50.16 3.96 -2.25	48.12 3.28 -4.36	42.24 2.72 0.00	39.07 2.11 0.00	38.06 2.12 0.00
PJM_GEN_HTP_PROXY 323702	29.78 1.58 0.00	28.00 1.43 0.00	27.06 1.41 0.00	26.52 1.43 0.00	26.78 1.44 0.00	28.85 1.56 0.00	35.68 1.99 0.00	42.88 2.77 0.00	40.79 2.67 0.00	37.68 2.43 0.00	38.31 2.47 0.00	37.24 2.37 0.00	36.39 2.35 0.00	36.35 2.38 0.00	37.40 2.41 -0.01	38.82 2.47 0.00	44.88 3.17 -0.01	55.43 4.34 -0.01	50.81 4.02 -0.01	47.34 3.38 0.00	43.11 2.63 0.00	42.01 2.49 0.00	39.07 2.11 0.00	37.71 1.76 0.00

PJM_GEN_KEystone 24065	28.20 0.00 0.00	26.49 -0.08 0.00	25.57 -0.08 0.00	25.04 -0.05 0.00	25.31 -0.03 0.00	27.38 0.08 0.00	33.65 -0.03 0.00	40.03 -0.08 0.00	37.86 -0.27 0.00	35.00 -0.24 0.00	35.59 -0.25 0.00	34.66 -0.21 0.00	33.87 -0.17 0.00	33.84 -0.14 0.00	34.77 -0.21 0.00	36.02 -0.33 0.00	41.54 -0.17 0.00	51.54 0.46 0.00	47.01 0.24 0.00	39.87 -0.09 4.00	38.80 -0.40 1.28	36.50 -0.40 2.62	34.10 -0.26 2.61	33.08 -0.11 2.76
PJM_GEN_NEPTUNE_PROXY 323594	32.83 1.86 -2.77	30.82 1.70 -2.55	29.44 1.64 -2.14	29.16 1.68 -2.38	29.98 1.70 -2.95	33.00 1.83 -3.87	38.86 2.32 -2.85	45.04 3.05 -1.88	43.20 3.01 -2.06	37.82 2.57 0.00	38.45 2.61 0.00	37.17 2.30 0.00	36.29 2.25 0.00	36.25 2.28 0.00	37.22 2.24 0.00	38.60 2.25 0.00	45.08 3.38 0.00	56.99 4.75 -1.17	51.97 4.35 -0.85	49.89 3.69 -2.25	47.88 3.04 -4.36	42.16 2.65 0.00	39.00 2.03 0.00	37.71 1.76 0.00
PJM_GEN_VFT_PROXY 323633	29.70 1.49 0.00	27.92 1.35 0.00	26.96 1.31 0.00	26.45 1.35 0.00	26.70 1.37 0.00	28.77 1.47 0.00	35.54 1.85 0.00	42.76 2.65 0.00	40.68 2.55 0.00	37.57 2.33 0.00	38.20 2.36 0.00	37.14 2.27 0.00	36.29 2.25 0.00	36.25 2.28 0.00	37.30 2.31 -0.01	38.71 2.36 0.00	44.76 3.04 -0.01	55.23 4.14 -0.01	50.62 3.84 -0.01	47.16 3.21 0.00	42.95 2.47 0.00	41.85 2.33 0.00	38.93 1.96 0.00	37.56 1.62 0.00
PLATSBURG_115KV_PMLD1 355749	29.47 1.27 0.00	27.79 1.22 0.00	26.73 1.08 0.00	26.15 1.05 0.00	26.42 1.09 0.00	27.98 0.68 0.00	34.50 0.81 0.00	40.23 0.12 0.00	37.97 -0.15 0.00	35.77 0.53 0.00	36.13 0.29 0.00	34.98 0.10 0.00	34.14 0.10 0.00	34.01 0.03 0.00	34.98 0.00 0.00	36.49 0.15 0.00	40.91 -0.79 0.00	49.65 -1.43 0.00	45.74 -1.03 0.00	43.21 -0.75 0.00	40.20 -0.28 0.00	39.36 -0.16 0.00	37.63 0.67 0.00	36.52 0.58 0.00
PLEASANTVLY___LBMP 24000	29.47 1.27 0.00	27.74 1.17 0.00	26.80 1.15 0.00	26.22 1.13 0.00	26.48 1.14 0.00	28.50 1.20 0.00	35.20 1.52 0.00	42.16 2.05 0.00	40.11 1.98 0.00	37.01 1.76 0.00	37.67 1.83 0.00	36.61 1.74 0.00	35.78 1.74 0.00	35.71 1.73 0.00	36.76 1.78 0.00	38.13 1.78 0.00	44.00 2.29 0.00	54.30 3.22 0.00	49.72 2.95 0.00	46.46 2.51 0.00	42.51 2.02 0.00	41.37 1.86 0.00	38.63 1.66 0.00	37.45 1.51 0.00
PLSNTVLE_13_KV_13.8KVDIST 80602	29.67 1.47 0.00	27.89 1.33 0.00	26.96 1.31 0.00	26.42 1.33 0.00	26.65 1.32 0.00	28.71 1.42 0.00	35.54 1.85 0.00	42.68 2.57 0.00	40.60 2.48 0.00	37.47 2.22 0.00	38.10 2.26 0.00	37.03 2.16 0.00	36.19 2.14 0.00	36.11 2.14 0.00	37.18 2.20 0.00	38.57 2.22 0.00	44.58 2.88 0.00	55.06 3.98 0.01	50.41 3.65 0.01	47.03 3.08 0.00	42.99 2.51 0.00	41.81 2.29 0.00	39.04 2.07 0.00	37.78 1.83 0.00
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	29.67 1.47 0.00	27.89 1.33 0.00	26.96 1.31 0.00	26.42 1.33 0.00	26.65 1.32 0.00	28.71 1.42 0.00	35.54 1.85 0.00	42.68 2.57 0.00	40.60 2.48 0.00	37.47 2.22 0.00	38.10 2.26 0.00	37.03 2.16 0.00	36.19 2.14 0.00	36.11 2.14 0.00	37.18 2.20 0.00	38.57 2.22 0.00	44.58 2.88 0.00	55.06 3.98 0.01	50.41 3.65 0.01	47.03 3.08 0.00	42.99 2.51 0.00	41.81 2.29 0.00	39.04 2.07 0.00	37.78 1.83 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	29.67 1.47 0.00	27.89 1.33 0.00	26.96 1.31 0.00	26.35 1.25 0.00	26.60 1.27 0.00	28.66 1.36 0.00	35.47 1.79 0.00	42.32 2.21 0.00	40.30 2.17 0.00	37.15 1.90 0.00	37.70 1.86 0.00	36.68 1.81 0.00	35.81 1.77 0.00	35.78 1.80 0.00	36.83 1.85 0.00	38.27 1.93 0.00	44.21 2.50 0.00	54.60 3.52 0.00	50.05 3.27 0.00	46.72 2.77 0.00	42.75 2.27 0.00	41.65 2.13 0.00	38.85 1.89 0.00	37.74 1.80 0.00
POLETTI_____ 23519	29.84 1.64 0.00	28.03 1.46 0.00	27.06 1.41 0.00	26.55 1.46 0.00	26.80 1.47 0.00	28.88 1.58 0.00	35.68 1.99 0.00	42.88 2.77 0.00	40.79 2.67 0.00	37.71 2.47 0.00	38.35 2.51 0.00	37.28 2.41 0.00	36.39 2.35 0.00	36.35 2.38 0.00	37.44 2.45 -0.01	38.78 2.44 0.00	44.89 3.17 -0.01	55.38 4.29 -0.01	50.71 3.93 -0.01	47.29 3.34 0.00	43.12 2.63 0.00	41.93 2.41 0.00	39.19 2.22 0.00	37.89 1.94 0.00
POMONA___ESR 323819	29.64 1.44 0.00	27.87 1.30 0.00	26.91 1.26 0.00	26.32 1.23 0.00	26.58 1.24 0.00	28.66 1.36 0.00	35.44 1.75 0.00	42.48 2.37 0.00	40.41 2.29 0.00	37.25 2.01 0.00	37.88 2.04 0.00	36.82 1.95 0.00	35.98 1.94 0.00	35.91 1.94 0.00	36.94 1.96 0.00	38.35 2.00 0.00	44.38 2.67 0.00	54.81 3.73 0.00	50.24 3.46 0.00	46.81 2.86 0.00	42.75 2.27 0.00	41.65 2.13 0.00	38.71 1.74 0.00	37.42 1.47 0.00
PORT_JEFF_3 23555	33.54 2.57 -2.77	31.48 2.36 -2.55	30.05 2.26 -2.14	29.76 2.28 -2.38	30.62 2.33 -2.95	33.73 2.56 -3.88	39.94 3.40 -2.85	46.32 4.33 -1.88	44.38 4.19 -2.06	38.70 3.46 0.00	39.31 3.48 0.00	37.83 2.96 0.00	36.83 2.79 0.00	36.86 2.89 0.00	37.81 2.83 0.00	39.29 2.94 0.00	46.21 4.51 0.00	58.37 6.13 -1.17	53.23 5.61 -0.85	51.16 4.97 -2.25	49.22 4.37 -4.36	42.99 3.48 0.00	39.66 2.70 0.00	38.42 2.48 0.00
PORT_JEFF_4 23616	33.54 2.57 -2.77	31.48 2.36 -2.55	30.05 2.26 -2.14	29.76 2.28 -2.38	30.62 2.33 -2.95	33.73 2.56 -3.88	39.94 3.40 -2.85	46.32 4.33 -1.88	44.38 4.19 -2.06	38.70 3.46 0.00	39.31 3.48 0.00	37.83 2.96 0.00	36.83 2.79 0.00	36.86 2.89 0.00	37.81 2.83 0.00	39.29 2.94 0.00	46.21 4.51 0.00	58.37 6.13 -1.17	53.23 5.61 -0.85	51.16 4.97 -2.25	49.22 4.37 -4.36	42.99 3.48 0.00	39.66 2.70 0.00	38.42 2.48 0.00
PORT_JEFF_IC 23713	33.59 2.62 -2.77	31.53 2.42 -2.55	30.10 2.31 -2.14	29.81 2.33 -2.38	30.67 2.38 -2.95	33.82 2.65 -3.88	40.01 3.47 -2.85	46.44 4.45 -1.88	44.49 4.31 -2.06	38.77 3.52 0.00	39.39 3.55 0.00	37.90 3.03 0.00	36.93 2.89 0.00	36.93 2.95 0.00	37.88 2.90 0.00	39.40 3.05 0.00	46.34 4.63 0.00	58.42 6.18 -1.17	53.28 5.66 -0.85	51.21 5.01 -2.25	49.34 4.49 -4.36	43.11 3.60 0.00	39.78 2.81 0.00	38.50 2.55 0.00
PPL PILGRIM_ST_GT1 24216	33.40 2.43 -2.77	31.35 2.23 -2.55	29.95 2.15 -2.14	29.66 2.18 -2.38	30.52 2.23 -2.95	33.60 2.43 -3.88	39.70 3.17 -2.85	46.04 4.05 -1.88	44.12 3.93 -2.06	38.45 3.21 0.00	39.10 3.26 0.00	37.62 2.75 0.00	36.66 2.62 0.00	36.66 2.68 0.00	37.64 2.66 0.00	39.08 2.73 0.00	45.88 4.17 0.00	58.06 5.82 -1.17	53.00 5.38 -0.85	50.86 4.66 -2.25	48.81 3.97 -4.36	42.79 3.28 0.00	39.52 2.55 0.00	38.17 2.23 0.00
PPL PILGRIM_ST_GT2 24217	33.40 2.43 -2.77	31.35 2.23 -2.55	29.95 2.15 -2.14	29.66 2.18 -2.38	30.52 2.23 -2.95	33.60 2.43 -3.88	39.70 3.17 -2.85	46.04 4.05 -1.88	44.12 3.93 -2.06	38.45 3.21 0.00	39.10 3.26 0.00	37.62 2.75 0.00	36.66 2.62 0.00	36.66 2.68 0.00	37.64 2.66 0.00	39.08 2.73 0.00	45.88 4.17 0.00	58.06 5.82 -1.17	53.00 5.38 -0.85	50.86 4.66 -2.25	48.81 3.97 -4.36	42.79 3.28 0.00	39.52 2.55 0.00	38.17 2.23 0.00

PPL_SHRM_GT3	33.90	31.77	30.33	30.04	30.90	34.12	40.41	46.92	44.95	39.16	39.78	38.25	37.28	37.27	38.27	39.80	46.88	59.14	53.94	52.05	49.95	43.31	39.96	38.93
24213	2.93	2.66	2.54	2.56	2.61	2.95	3.87	4.93	4.77	3.91	3.94	3.38	3.24	3.29	3.29	3.45	5.17	6.89	6.31	5.85	5.10	3.79	2.99	2.98
	-2.77	-2.55	-2.14	-2.38	-2.95	-3.88	-2.85	-1.88	-2.06	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-1.17	-0.85	-2.25	-4.36	0.00	0.00	0.00
PPL_SHRM_GT4	33.90	31.77	30.33	30.04	30.90	34.12	40.41	46.92	44.95	39.16	39.78	38.25	37.28	37.27	38.27	39.80	46.88	59.14	53.94	52.05	49.95	43.31	39.96	38.93
24214	2.93	2.66	2.54	2.56	2.61	2.95	3.87	4.93	4.77	3.91	3.94	3.38	3.24	3.29	3.29	3.45	5.17	6.89	6.31	5.85	5.10	3.79	2.99	2.98
	-2.77	-2.55	-2.14	-2.38	-2.95	-3.88	-2.85	-1.88	-2.06	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-1.17	-0.85	-2.25	-4.36	0.00	0.00	0.00
PROJECT___ORANGE 1	27.67	26.06	25.16	24.57	24.80	26.80	33.05	39.35	37.40	34.54	35.16	34.24	33.43	33.36	34.35	35.66	41.00	50.57	46.21	43.34	39.76	38.80	36.26	35.26
24174	-0.54	-0.50	-0.49	-0.53	-0.53	-0.49	-0.64	-0.76	-0.72	-0.70	-0.68	-0.63	-0.61	-0.61	-0.63	-0.69	-0.71	-0.51	-0.56	-0.62	-0.73	-0.71	-0.70	-0.68
	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
PROJECT___ORANGE 2	27.67	26.06	25.16	24.57	24.80	26.80	33.05	39.35	37.40	34.54	35.16	34.24	33.43	33.36	34.35	35.66	41.00	50.57	46.21	43.34	39.76	38.80	36.26	35.26
24166	-0.54	-0.50	-0.49	-0.53	-0.53	-0.49	-0.64	-0.76	-0.72	-0.70	-0.68	-0.63	-0.61	-0.61	-0.63	-0.69	-0.71	-0.51	-0.56	-0.62	-0.73	-0.71	-0.70	-0.68
	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
PUCKETT___SOLAR	28.85	27.15	26.19	25.57	25.84	27.98	34.67	41.31	39.15	36.13	36.66	35.67	34.79	34.72	35.75	37.22	42.87	53.17	48.55	45.45	41.58	40.62	37.97	37.02
323809	0.65	0.58	0.54	0.48	0.51	0.68	0.98	1.20	1.03	0.88	0.82	0.80	0.75	0.75	0.77	0.87	1.17	2.10	1.78	1.50	1.09	1.10	1.00	1.08
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PYRITES___HYD	28.40	26.78	25.80	25.27	25.51	27.43	33.99	40.31	38.51	35.81	36.34	35.25	34.52	34.48	35.54	37.07	41.91	50.77	46.68	44.13	40.85	39.91	37.52	36.34
24023	0.20	0.21	0.15	0.18	0.18	0.14	0.30	0.20	0.38	0.56	0.50	0.38	0.48	0.51	0.56	0.73	0.21	-0.31	-0.09	0.18	0.36	0.40	0.55	0.40
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
QUAKERRD_115KV_BK1	26.59	24.97	24.11	23.44	23.69	25.68	31.63	37.58	35.65	32.95	33.58	32.67	31.93	31.94	32.81	34.09	39.16	48.57	44.25	41.45	37.89	36.95	34.64	33.82
80622	-1.61	-1.59	-1.54	-1.66	-1.65	-1.61	-2.05	-2.53	-2.48	-2.29	-2.26	-2.20	-2.11	-2.04	-2.17	-2.25	-2.54	-2.50	-2.53	-2.51	-2.59	-2.57	-2.33	-2.12
	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
QUENSBRY_115KV_TB8	29.95	28.21	27.27	26.68	26.93	29.07	36.18	42.96	40.91	37.75	38.31	37.35	36.26	36.11	37.29	38.82	44.83	55.42	51.07	47.73	43.97	42.91	39.89	38.75
356137	1.75	1.65	1.62	1.58	1.60	1.77	2.49	2.85	2.78	2.50	2.47	2.48	2.21	2.14	2.31	2.47	3.13	4.34	4.30	3.78	3.48	3.40	2.92	2.80
	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
RAMAPO___LBMP	29.30	27.55	26.62	26.25	26.50	28.58	35.31	42.40	40.26	37.15	37.77	36.72	35.85	35.81	36.83	38.20	44.21	54.56	49.96	46.63	42.59	41.45	38.67	37.42
323565	1.10	0.98	0.97	1.15	1.17	1.28	1.62	2.29	2.13	1.90	1.94	1.85	1.80	1.83	1.85	1.85	2.50	3.47	3.18	2.68	2.11	1.94	1.70	1.47
	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
RANKINE____	27.02	25.26	24.42	23.69	23.97	26.04	31.73	37.10	35.00	32.43	33.01	32.29	31.59	31.60	32.42	33.62	38.62	48.37	43.92	40.92	37.37	36.67	34.42	33.97
23646	-1.18	-1.30	-1.23	-1.41	-1.37	-1.26	-1.95	-3.01	-3.13	-2.82	-2.83	-2.58	-2.45	-2.38	-2.55	-2.73	-3.09	-2.71	-2.85	-3.03	-3.12	-2.85	-2.55	-1.98
	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
RAVENSWOOD_GT2_1	29.87	28.05	27.09	26.58	26.83	28.91	35.74	42.96	40.87	37.78	38.38	37.31	36.43	36.39	37.48	38.86	44.97	55.54	50.81	47.38	43.20	42.00	39.26	37.96
24244	1.66	1.49	1.44	1.48	1.49	1.61	2.05	2.85	2.74	2.54	2.54	2.44	2.38	2.41	2.48	2.51	3.25	4.44	4.02	3.43	2.71	2.49	2.29	2.01
	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	-0.02	0.00	-0.02	-0.01	-0.01	0.00	0.00	0.00	0.00	0.00
RAVENSWOOD_GT2_2	29.87	28.05	27.09	26.58	26.83	28.91	35.74	42.96	40.87	37.78	38.38	37.31	36.43	36.39	37.48	38.86	44.97	55.54	50.81	47.38	43.20	42.00	39.26	37.96
24245	1.66	1.49	1.44	1.48	1.49	1.61	2.05	2.85	2.74	2.54	2.54	2.44	2.38	2.41	2.48	2.51	3.25	4.44	4.02	3.43	2.71	2.49	2.29	2.01
	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	-0.02	0.00	-0.02	-0.01	-0.01	0.00	0.00	0.00	0.00	0.00
RAVENSWOOD_GT2_3	29.87	28.08	27.11	26.58	26.83	28.93	35.74	43.00	40.87	37.78	38.42	37.31	36.46	36.42	37.48	38.86	44.97	55.54	50.85	47.43	43.20	42.04	39.26	37.96
24246	1.66	1.51	1.46	1.48	1.49	1.64	2.05	2.89	2.74	2.54	2.58	2.44	2.42	2.45	2.48	2.51	3.25	4.44	4.07	3.47	2.71	2.53	2.29	2.01
	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	-0.02	0.00	-0.02	-0.01	-0.01	0.00	0.00	0.00	0.00	0.00
RAVENSWOOD_GT2_4	29.87	28.08	27.11	26.58	26.83	28.93	35.74	43.00	40.87	37.78	38.42	37.31	36.46	36.42	37.48	38.86	44.97	55.54	50.85	47.43	43.20	42.04	39.26	37.96
24247	1.66	1.51	1.46	1.48	1.49	1.64	2.05	2.89	2.74	2.54	2.58	2.44	2.42	2.45	2.48	2.51	3.25	4.44	4.07	3.47	2.71	2.53	2.29	2.01
	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	-0.02	0.00	-0.02	-0.01	-0.01	0.00	0.00	0.00	0.00	0.00
RAVENSWOOD_GT3_1	29.87	28.05	27.11	26.58	26.83	28.91	35.74	42.96	40.87	37.78	38.38	37.31	36.43	36.39	37.48	38.86	44.97	55.54	50.85	47.43	43.20	42.00	39.26	37.96
24248	1.66	1.49	1.46	1.48	1.49	1.61	2.05	2.85	2.74	2.54	2.54	2.44	2.38	2.41	2.48	2.51	3.25	4.44	4.07	3.47	2.71	2.49	2.29	2.01
	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	-0.02	0.00	-0.02	-0.01	-0.01	0.00	0.00	0.00	0.00	0.00

RAVENSWOOD_GT3_2 24249	29.87 1.66 0.00	28.05 1.49 0.00	27.11 1.46 0.00	26.58 1.48 0.00	26.83 1.49 0.00	28.91 1.61 0.00	35.74 2.05 0.00	42.96 2.85 0.00	40.87 2.74 0.00	37.78 2.54 0.00	38.38 2.54 0.00	37.31 2.44 0.00	36.43 2.38 0.00	36.39 2.41 0.00	37.48 2.48 -0.02	38.86 2.51 0.00	44.97 3.25 -0.02	55.54 4.44 -0.01	50.85 4.07 -0.01	47.43 3.47 0.00	43.20 2.71 0.00	42.00 2.49 0.00	39.26 2.29 0.00	37.96 2.01 0.00
RAVENSWOOD_GT3_3 24250	29.89 1.69 0.00	28.08 1.51 0.00	27.14 1.49 0.00	26.60 1.51 0.00	26.86 1.52 0.00	28.93 1.64 0.00	35.78 2.09 0.00	43.00 2.89 0.00	40.91 2.78 0.00	37.82 2.57 0.00	38.46 2.62 0.00	37.35 2.48 0.00	36.49 2.45 0.00	36.45 2.48 0.00	37.51 2.52 -0.02	38.89 2.54 0.00	45.02 3.29 -0.02	55.59 4.49 -0.01	50.90 4.12 -0.01	47.47 3.52 0.00	43.24 2.75 0.00	42.08 2.57 0.00	39.30 2.33 0.00	37.99 2.05 0.00
RAVENSWOOD_GT3_4 24251	29.89 1.69 0.00	28.08 1.51 0.00	27.14 1.49 0.00	26.60 1.51 0.00	26.86 1.52 0.00	28.93 1.64 0.00	35.78 2.09 0.00	43.00 2.89 0.00	40.91 2.78 0.00	37.82 2.57 0.00	38.46 2.62 0.00	37.35 2.48 0.00	36.49 2.45 0.00	36.45 2.48 0.00	37.51 2.52 -0.02	38.89 2.54 0.00	45.02 3.29 -0.02	55.59 4.49 -0.01	50.90 4.12 -0.01	47.47 3.52 0.00	43.24 2.75 0.00	42.08 2.57 0.00	39.30 2.33 0.00	37.99 2.05 0.00
RAVENSWOOD_GT_1 23729	30.04 1.83 -0.01	28.22 1.65 -0.01	27.25 1.59 -0.01	26.73 1.63 -0.01	26.99 1.65 -0.01	29.07 1.77 0.00	35.95 2.26 0.00	43.08 2.97 0.00	41.02 2.90 0.00	37.92 2.68 0.00	38.53 2.69 0.00	37.45 2.58 0.00	36.56 2.52 0.00	36.52 2.55 0.00	37.62 2.62 -0.02	42.39 2.69 -3.35	45.14 3.42 -0.02	62.20 4.65 -6.47	61.52 4.26 -10.49	49.83 3.65 -2.23	51.77 2.83 -8.45	44.13 2.65 -1.96	42.26 2.51 -2.78	38.18 2.23 -0.01
RAVENSWOOD_GT_10 24258	29.86 1.66 0.00	28.05 1.49 0.00	27.08 1.44 0.00	26.57 1.48 0.00	26.83 1.49 0.00	28.91 1.61 0.00	35.74 2.05 0.00	42.96 2.85 0.00	40.87 2.74 0.00	37.78 2.54 0.00	38.38 2.54 0.00	37.31 2.44 0.00	36.43 2.38 0.00	36.39 2.41 0.00	37.48 2.48 -0.02	38.86 2.51 0.00	44.97 3.25 -0.02	55.54 4.44 -0.01	50.81 4.02 -0.01	47.38 3.43 0.00	43.20 2.71 0.00	42.00 2.49 0.00	39.26 2.29 0.00	37.96 2.01 0.00
RAVENSWOOD_GT_11 24259	29.86 1.66 0.00	28.05 1.49 0.00	27.08 1.44 0.00	26.57 1.48 0.00	26.83 1.49 0.00	28.91 1.61 0.00	35.74 2.05 0.00	42.96 2.85 0.00	40.87 2.74 0.00	37.78 2.54 0.00	38.38 2.54 0.00	37.31 2.44 0.00	36.43 2.38 0.00	36.39 2.41 0.00	37.48 2.48 -0.02	38.86 2.51 0.00	44.97 3.25 -0.02	55.54 4.44 -0.01	50.81 4.02 -0.01	47.38 3.43 0.00	43.20 2.71 0.00	42.00 2.49 0.00	39.26 2.29 0.00	37.96 2.01 0.00
RAVENSWOOD_GT_4 24252	29.83 1.64 0.01	28.02 1.46 0.01	27.05 1.41 0.01	26.54 1.46 0.01	26.80 1.47 0.01	28.88 1.58 0.00	35.71 2.02 0.00	42.96 2.85 0.00	40.83 2.71 0.00	37.75 2.50 0.00	38.38 2.54 0.00	37.31 2.44 0.00	36.43 2.38 0.00	36.39 2.41 0.00	37.44 2.45 -0.02	41.37 2.47 -2.55	44.93 3.21 -0.02	60.40 4.39 -4.93	58.78 4.02 -7.99	49.08 3.43 -1.70	49.59 2.67 -6.44	43.50 2.49 -1.49	41.33 2.26 -2.11	37.92 1.98 0.01
RAVENSWOOD_GT_5 24254	29.83 1.64 0.01	28.02 1.46 0.01	27.05 1.41 0.01	26.54 1.46 0.01	26.80 1.47 0.01	28.88 1.58 0.00	35.71 2.02 0.00	42.96 2.85 0.00	40.83 2.71 0.00	37.75 2.50 0.00	38.38 2.54 0.00	37.31 2.44 0.00	36.43 2.38 0.00	36.39 2.41 0.00	37.44 2.45 -0.02	41.37 2.47 -2.55	44.93 3.21 -0.02	60.40 4.39 -4.93	58.78 4.02 -7.99	49.08 3.43 -1.70	49.59 2.67 -6.44	43.50 2.49 -1.49	41.33 2.26 -2.11	37.92 1.98 0.01
RAVENSWOOD_GT_6 24253	29.83 1.64 0.01	28.02 1.46 0.01	27.05 1.41 0.01	26.54 1.46 0.01	26.80 1.47 0.01	28.88 1.58 0.00	35.71 2.02 0.00	42.96 2.85 0.00	40.83 2.71 0.00	37.75 2.50 0.00	38.38 2.54 0.00	37.31 2.44 0.00	36.43 2.38 0.00	36.39 2.41 0.00	37.44 2.45 -0.02	41.37 2.47 -2.55	44.93 3.21 -0.02	60.40 4.39 -4.93	58.78 4.02 -7.99	49.08 3.43 -1.70	49.59 2.67 -6.44	43.50 2.49 -1.49	41.33 2.26 -2.11	37.92 1.98 0.01
RAVENSWOOD_GT_7 24255	29.83 1.64 0.01	28.02 1.46 0.01	27.05 1.41 0.01	26.54 1.46 0.01	26.80 1.47 0.01	28.88 1.58 0.00	35.71 2.02 0.00	42.96 2.85 0.00	40.83 2.71 0.00	37.75 2.50 0.00	38.38 2.54 0.00	37.31 2.44 0.00	36.43 2.38 0.00	36.39 2.41 0.00	37.44 2.45 -0.02	41.37 2.47 -2.55	44.93 3.21 -0.02	60.40 4.39 -4.93	58.78 4.02 -7.99	49.08 3.43 -1.70	49.59 2.67 -6.44	43.50 2.49 -1.49	41.33 2.26 -2.11	37.92 1.98 0.01
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	29.86 1.66 0.00	28.05 1.49 0.00	27.08 1.44 0.00	26.57 1.48 0.00	26.83 1.49 0.00	28.91 1.61 0.00	35.74 2.05 0.00	42.96 2.85 0.00	40.87 2.74 0.00	37.78 2.54 0.00	38.38 2.54 0.00	37.31 2.44 0.00	36.43 2.38 0.00	36.39 2.41 0.00	37.48 2.48 -0.02	38.86 2.51 0.00	44.97 3.25 -0.02	55.54 4.44 -0.01	50.81 4.02 -0.01	47.38 3.43 0.00	43.20 2.71 0.00	42.00 2.49 0.00	39.26 2.29 0.00	37.96 2.01 0.00
RAVENSWOOD_GT_9 24257	29.86 1.66 0.00	28.05 1.49 0.00	27.08 1.44 0.00	26.57 1.48 0.00	26.83 1.49 0.00	28.91 1.61 0.00	35.74 2.05 0.00	42.96 2.85 0.00	40.87 2.74 0.00	37.78 2.54 0.00	38.38 2.54 0.00	37.31 2.44 0.00	36.43 2.38 0.00	36.39 2.41 0.00	37.48 2.48 -0.02	38.86 2.51 0.00	44.97 3.25 -0.02	55.54 4.44 -0.01	50.81 4.02 -0.01	47.38 3.43 0.00	43.20 2.71 0.00	42.00 2.49 0.00	39.26 2.29 0.00	37.96 2.01 0.00
RAVENSWOOD___1 23533	30.02 1.81 -0.01	28.22 1.65 -0.01	27.25 1.59 -0.01	26.71 1.61 -0.01	26.97 1.62 -0.01	29.04 1.75 0.00	35.91 2.22 0.00	43.04 2.93 0.00	40.99 2.86 0.00	37.89 2.64 0.00	38.49 2.65 0.00	37.41 2.54 0.00	36.56 2.52 0.00	36.49 2.51 0.00	37.58 2.59 -0.02	39.00 2.65 0.00	45.10 3.38 -0.02	55.74 4.65 -0.01	51.04 4.26 -0.01	47.56 3.60 0.00	43.28 2.79 0.00	42.24 2.72 0.00	39.38 2.40 -0.01	37.96 2.01 -0.01
RAVENSWOOD___2 23534	30.02 1.81 -0.01	28.20 1.62 -0.01	27.25 1.59 -0.01	26.71 1.61 -0.01	26.97 1.62 -0.01	29.04 1.75 0.00	35.91 2.22 0.00	43.04 2.93 0.00	40.99 2.86 0.00	37.89 2.64 0.00	38.49 2.65 0.00	37.41 2.54 0.00	36.53 2.48 0.00	36.49 2.51 0.00	37.58 2.59 -0.02	39.00 2.65 0.00	45.10 3.38 -0.02	55.74 4.65 -0.01	51.04 4.26 -0.01	47.56 3.60 0.00	43.28 2.79 0.00	42.24 2.72 0.00	39.34 2.37 -0.01	37.96 2.01 -0.01
RAVENSWOOD___3 23535	29.87 1.66 0.00	28.05 1.49 0.00	27.11 1.46 0.00	26.57 1.48 0.00	26.83 1.49 0.00	28.90 1.61 0.00	35.74 2.06 0.00	42.92 2.81 0.00	40.87 2.75 0.00	37.75 2.50 0.00	38.38 2.54 0.00	37.31 2.44 0.00	36.42 2.38 0.00	36.39 2.41 0.00	37.48 2.48 -0.02	38.85 2.51 0.00	44.98 3.26 -0.02	55.53 4.44 -0.01	50.90 4.12 -0.01	47.42 3.47 0.00	43.20 2.71 0.00	42.08 2.57 0.00	39.15 2.18 0.00	37.78 1.83 0.00

RAVENSWOOD___4 23820	30.02 1.81 -0.01	28.19 1.62 -0.01	27.22 1.56 -0.01	26.71 1.61 -0.01	26.97 1.62 -0.01	29.04 1.75 0.00	35.88 2.19 0.00	43.00 2.89 0.00	40.95 2.82 0.00	37.85 2.61 0.00	38.49 2.65 0.00	37.41 2.54 0.00	36.53 2.48 0.00	36.49 2.51 0.00	37.58 2.59 -0.02	35.67 2.62 3.30	45.10 3.38 -0.02	49.38 4.65 6.35	40.73 4.26 10.30	45.37 3.60 2.19	34.95 2.79 8.32	40.31 2.72 1.93	36.61 2.37 2.72	37.96 2.01 -0.01
RCPI_TRUST___DRP 24196	29.84 1.64 0.00	28.03 1.46 0.00	27.09 1.44 0.00	26.55 1.46 0.00	26.80 1.47 0.00	28.91 1.61 0.00	35.71 2.02 0.00	43.00 2.89 0.00	40.87 2.74 0.00	37.78 2.54 0.00	38.38 2.54 0.00	37.31 2.44 0.00	36.43 2.38 0.00	36.39 2.41 0.00	37.47 2.48 -0.01	38.86 2.51 0.00	44.97 3.25 -0.01	55.53 4.44 -0.01	50.80 4.02 -0.01	47.38 3.43 0.00	43.16 2.67 0.00	42.00 2.49 0.00	39.22 2.26 0.00	37.92 1.98 0.00
RED___ROCHESTER 323720	27.24 -0.96 0.00	25.56 -1.01 0.00	24.65 -1.00 0.00	23.94 -1.15 0.00	24.20 -1.14 0.00	26.26 -1.04 0.00	32.34 -1.35 0.00	38.46 -1.65 0.00	36.41 -1.71 0.00	33.70 -1.55 0.00	34.30 -1.54 0.00	33.41 -1.46 0.00	32.65 -1.40 0.00	32.65 -1.33 0.00	33.54 -1.44 0.00	34.79 -1.56 0.00	39.96 -1.75 0.00	49.70 -1.38 0.00	45.13 -1.64 0.00	42.33 -1.63 0.00	38.62 -1.86 0.00	37.62 -1.90 0.00	35.67 -1.29 0.00	34.98 -0.97 0.00
REGAN___SOLAR 323812	31.08 2.88 0.00	29.36 2.79 0.00	28.32 2.67 0.00	27.70 2.61 0.00	27.97 2.63 0.00	30.24 2.95 0.00	37.76 4.07 0.00	44.60 4.49 0.00	42.32 4.19 0.00	38.94 3.70 0.00	39.39 3.55 0.00	38.43 3.56 0.00	37.28 3.24 0.00	37.17 3.19 0.00	38.48 3.50 0.00	40.35 4.00 0.00	47.05 5.34 0.00	58.43 7.36 0.00	53.93 7.16 0.00	50.37 6.42 0.00	46.52 6.03 0.00	45.56 6.05 0.00	42.21 5.25 0.00	40.79 4.85 0.00
RENSSELAER___COGEN 23796	28.74 0.53 0.00	27.10 0.53 0.00	26.21 0.56 0.00	25.67 0.58 0.00	25.92 0.58 0.00	27.84 0.55 0.00	34.36 0.67 0.00	40.83 0.72 0.00	38.89 0.76 0.00	35.91 0.67 0.00	36.56 0.72 0.00	35.57 0.70 0.00	34.69 0.65 0.00	34.59 0.61 0.00	35.64 0.66 0.00	37.00 0.65 0.00	42.62 0.92 0.00	52.40 1.33 0.00	48.08 1.31 0.00	44.96 1.01 0.00	41.37 0.89 0.00	40.38 0.87 0.00	37.60 0.63 0.00	36.70 0.76 0.00
REPUBLIC_115KV_BARTNBRK 55605	30.97 2.76 0.00	29.20 2.63 0.00	28.21 2.56 0.00	27.58 2.48 0.00	27.84 2.51 0.00	30.08 2.78 0.00	37.66 3.98 0.00	44.60 4.49 0.00	42.51 4.38 0.00	39.23 3.98 0.00	39.71 3.87 0.00	38.74 3.87 0.00	37.45 3.40 0.00	37.27 3.30 0.00	38.58 3.60 0.00	40.24 3.89 0.00	46.63 4.92 0.00	57.77 6.69 0.00	53.51 6.74 0.00	49.93 5.98 0.00	46.07 5.59 0.00	44.97 5.45 0.00	41.66 4.69 0.00	40.47 4.53 0.00
REVERE_CPPR_DRP 24186	29.02 0.82 0.00	27.36 0.80 0.00	26.39 0.74 0.00	25.80 0.70 0.00	26.02 0.68 0.00	28.20 0.90 0.00	34.93 1.25 0.00	41.64 1.52 0.00	39.54 1.41 0.00	36.51 1.27 0.00	37.09 1.25 0.00	36.02 1.15 0.00	35.17 1.12 0.00	35.10 1.12 0.00	36.24 1.26 0.00	37.84 1.49 0.00	43.62 1.92 0.00	53.84 2.76 0.00	49.30 2.53 0.00	46.24 2.29 0.00	42.35 1.86 0.00	41.37 1.86 0.00	38.45 1.48 0.00	37.35 1.40 0.00
REYNOLDS_115KV_TB3 80639	28.99 0.79 0.00	27.31 0.74 0.00	26.42 0.77 0.00	25.87 0.78 0.00	26.10 0.76 0.00	28.09 0.79 0.00	34.67 0.98 0.00	41.23 1.12 0.00	39.23 1.11 0.00	36.23 0.99 0.00	36.91 1.08 0.00	35.95 1.08 0.00	35.03 0.99 0.00	34.93 0.95 0.00	35.99 1.01 0.00	37.37 1.02 0.00	42.96 1.25 0.00	52.87 1.79 0.00	48.50 1.73 0.00	45.36 1.41 0.00	41.74 1.26 0.00	40.74 1.22 0.00	38.00 1.04 0.00	37.06 1.11 0.00
RIVERBAY____ 323610	30.44 2.23 -0.01	28.65 2.07 -0.01	27.66 2.00 -0.01	27.11 2.01 -0.01	27.37 2.03 -0.01	29.48 2.18 0.00	36.38 2.70 0.00	43.40 3.29 0.00	41.25 3.13 0.00	38.14 2.89 0.00	38.71 2.87 0.00	37.59 2.72 0.00	36.70 2.66 0.00	36.66 2.68 0.00	37.79 2.80 -0.02	39.18 2.84 0.00	45.39 3.67 -0.02	56.10 5.01 -0.01	51.32 4.54 -0.01	47.87 3.91 0.00	43.48 3.00 0.00	42.52 3.00 0.00	39.97 2.99 -0.01	38.68 2.73 -0.01
RIVERSDE_115KV_TB3 55908	28.88 0.68 0.00	27.23 0.66 0.00	26.34 0.69 0.00	25.80 0.70 0.00	26.02 0.68 0.00	27.98 0.68 0.00	34.53 0.84 0.00	41.11 1.00 0.00	39.12 0.99 0.00	36.13 0.88 0.00	36.77 0.93 0.00	35.81 0.94 0.00	34.89 0.85 0.00	34.82 0.85 0.00	35.85 0.87 0.00	37.22 0.87 0.00	42.83 1.13 0.00	52.66 1.58 0.00	48.31 1.54 0.00	45.23 1.27 0.00	41.62 1.13 0.00	40.62 1.11 0.00	37.89 0.92 0.00	36.95 1.01 0.00
ROARING___BROOK_WT_PWR 323790	28.01 -0.20 0.00	26.41 -0.16 0.00	25.52 -0.13 0.00	24.99 -0.10 0.00	25.26 -0.08 0.00	27.16 -0.14 0.00	33.45 -0.23 0.00	39.75 -0.36 0.00	37.74 -0.38 0.00	34.86 -0.39 0.00	35.41 -0.43 0.00	34.52 -0.35 0.00	33.77 -0.27 0.00	33.74 -0.24 0.00	34.73 -0.24 0.00	36.13 -0.22 0.00	41.37 -0.34 0.00	50.52 -0.56 0.00	46.30 -0.47 0.00	43.65 -0.31 0.00	40.32 -0.16 0.00	39.40 -0.12 0.00	36.93 -0.04 0.00	35.87 -0.07 0.00
ROCHESRG_115KV_T4 355643	26.99 -1.21 0.00	25.32 -1.25 0.00	24.44 -1.21 0.00	23.74 -1.36 0.00	24.02 -1.32 0.00	26.04 -1.26 0.00	32.00 -1.68 0.00	37.86 -2.25 0.00	35.95 -2.17 0.00	33.20 -2.04 0.00	33.83 -2.01 0.00	32.95 -1.92 0.00	32.20 -1.84 0.00	32.21 -1.77 0.00	33.09 -1.89 0.00	34.35 -2.00 0.00	39.50 -2.21 0.00	49.03 -2.04 0.00	44.62 -2.15 0.00	41.80 -2.15 0.00	38.18 -2.31 0.00	37.30 -2.21 0.00	34.97 -2.00 0.00	34.22 -1.73 0.00
ROCHESTER_9_IC 23652	27.13 -1.07 0.00	25.45 -1.12 0.00	24.57 -1.08 0.00	23.84 -1.25 0.00	24.12 -1.22 0.00	26.18 -1.12 0.00	32.21 -1.48 0.00	38.15 -1.97 0.00	36.18 -1.94 0.00	33.45 -1.80 0.00	34.08 -1.76 0.00	33.20 -1.67 0.00	32.44 -1.60 0.00	32.48 -1.49 0.00	33.33 -1.64 0.00	34.60 -1.74 0.00	39.79 -1.92 0.00	49.44 -1.63 0.00	44.99 -1.78 0.00	42.15 -1.80 0.00	38.46 -2.02 0.00	37.54 -1.98 0.00	35.19 -1.77 0.00	34.43 -1.51 0.00
ROCKVIEW_13_KV_LD 356306	29.75 1.55 0.00	27.97 1.41 0.00	27.03 1.39 0.00	26.50 1.41 0.00	26.75 1.42 0.00	28.82 1.53 0.00	35.71 2.02 0.00	42.92 2.81 0.00	40.83 2.71 0.00	37.71 2.47 0.00	38.35 2.51 0.00	37.28 2.41 0.00	36.39 2.35 0.00	36.32 2.34 0.00	37.39 2.41 0.00	38.78 2.44 0.00	44.88 3.17 0.00	55.44 4.34 -0.02	50.77 3.98 -0.02	47.34 3.38 0.00	43.24 2.75 0.00	42.04 2.53 0.00	39.22 2.26 0.00	37.92 1.98 0.00
ROME____115KV_TB2 80656	29.02 0.82 0.00	27.36 0.80 0.00	26.39 0.74 0.00	25.80 0.70 0.00	26.02 0.68 0.00	28.20 0.90 0.00	34.93 1.25 0.00	41.64 1.52 0.00	39.54 1.41 0.00	36.51 1.27 0.00	37.09 1.25 0.00	36.02 1.15 0.00	35.17 1.12 0.00	35.10 1.12 0.00	36.24 1.26 0.00	37.84 1.49 0.00	43.62 1.92 0.00	53.84 2.76 0.00	49.30 2.53 0.00	46.24 2.29 0.00	42.35 1.86 0.00	41.37 1.86 0.00	38.45 1.48 0.00	37.35 1.40 0.00

ROSETON___1 23587	29.39 1.18 0.00	27.66 1.09 0.00	26.73 1.08 0.00	26.17 1.08 0.00	26.42 1.09 0.00	28.47 1.17 0.00	35.17 1.48 0.00	42.08 1.96 0.00	40.03 1.91 0.00	36.94 1.69 0.00	37.59 1.76 0.00	36.54 1.67 0.00	35.71 1.67 0.00	35.64 1.66 0.00	36.66 1.68 0.00	38.06 1.71 0.00	43.96 2.25 0.00	54.25 3.17 0.00	49.67 2.90 0.00	46.37 2.42 0.00	42.43 1.94 0.00	41.33 1.82 0.00	38.48 1.52 0.00	37.27 1.33 0.00
ROSETON___2 23588	29.39 1.18 0.00	27.66 1.09 0.00	26.73 1.08 0.00	26.17 1.08 0.00	26.42 1.09 0.00	28.47 1.17 0.00	35.17 1.48 0.00	42.08 1.96 0.00	40.03 1.91 0.00	36.94 1.69 0.00	37.59 1.76 0.00	36.54 1.67 0.00	35.71 1.67 0.00	35.64 1.66 0.00	36.66 1.68 0.00	38.06 1.71 0.00	43.96 2.25 0.00	54.25 3.17 0.00	49.67 2.90 0.00	46.37 2.42 0.00	42.43 1.94 0.00	41.33 1.82 0.00	38.48 1.52 0.00	37.27 1.33 0.00
ROTTTRDAM_115KV_TB3 80664	29.10 0.90 0.00	27.42 0.85 0.00	26.50 0.85 0.00	25.92 0.83 0.00	26.17 0.84 0.00	28.20 0.90 0.00	34.87 1.18 0.00	41.51 1.40 0.00	39.50 1.37 0.00	36.48 1.23 0.00	37.06 1.22 0.00	36.09 1.22 0.00	35.17 1.12 0.00	35.10 1.12 0.00	36.17 1.19 0.00	37.58 1.24 0.00	43.25 1.54 0.00	53.27 2.20 0.00	48.88 2.10 0.00	45.76 1.80 0.00	42.06 1.58 0.00	41.06 1.54 0.00	38.30 1.33 0.00	37.24 1.29 0.00
RUSSELL___1 23602	27.24 -0.96 0.00	25.56 -1.01 0.00	24.65 -1.00 0.00	23.94 -1.15 0.00	24.20 -1.14 0.00	26.26 -1.04 0.00	32.34 -1.35 0.00	38.39 -1.72 0.00	36.41 -1.72 0.00	33.62 -1.62 0.00	34.30 -1.54 0.00	33.37 -1.50 0.00	32.65 -1.40 0.00	32.65 -1.33 0.00	33.54 -1.43 0.00	34.82 -1.53 0.00	40.04 -1.67 0.00	49.80 -1.28 0.00	45.32 -1.45 0.00	42.41 -1.54 0.00	38.70 -1.78 0.00	37.74 -1.78 0.00	35.41 -1.55 0.00	34.61 -1.33 0.00
RUSSELL___2 23532	27.24 -0.96 0.00	25.56 -1.01 0.00	24.65 -1.00 0.00	23.94 -1.15 0.00	24.20 -1.14 0.00	26.26 -1.04 0.00	32.34 -1.35 0.00	38.39 -1.72 0.00	36.41 -1.72 0.00	33.62 -1.62 0.00	34.30 -1.54 0.00	33.37 -1.50 0.00	32.65 -1.40 0.00	32.65 -1.33 0.00	33.54 -1.43 0.00	34.82 -1.53 0.00	40.04 -1.67 0.00	49.80 -1.28 0.00	45.32 -1.45 0.00	42.41 -1.54 0.00	38.70 -1.78 0.00	37.74 -1.78 0.00	35.41 -1.55 0.00	34.61 -1.33 0.00
RUSSELL___3 23549	27.24 -0.96 0.00	25.56 -1.01 0.00	24.65 -1.00 0.00	23.94 -1.15 0.00	24.20 -1.14 0.00	26.26 -1.04 0.00	32.34 -1.35 0.00	38.39 -1.72 0.00	36.41 -1.72 0.00	33.62 -1.62 0.00	34.30 -1.54 0.00	33.37 -1.50 0.00	32.65 -1.40 0.00	32.65 -1.33 0.00	33.54 -1.43 0.00	34.82 -1.53 0.00	40.04 -1.67 0.00	49.80 -1.28 0.00	45.32 -1.45 0.00	42.41 -1.54 0.00	38.70 -1.78 0.00	37.74 -1.78 0.00	35.41 -1.55 0.00	34.61 -1.33 0.00
RUSSELL___4 23556	27.24 -0.96 0.00	25.56 -1.01 0.00	24.65 -1.00 0.00	23.94 -1.15 0.00	24.20 -1.14 0.00	26.26 -1.04 0.00	32.34 -1.35 0.00	38.39 -1.72 0.00	36.41 -1.72 0.00	33.62 -1.62 0.00	34.30 -1.54 0.00	33.37 -1.50 0.00	32.65 -1.40 0.00	32.65 -1.33 0.00	33.54 -1.43 0.00	34.82 -1.53 0.00	40.04 -1.67 0.00	49.80 -1.28 0.00	45.32 -1.45 0.00	42.41 -1.54 0.00	38.70 -1.78 0.00	37.74 -1.78 0.00	35.41 -1.55 0.00	34.61 -1.33 0.00
RUSSELL___STATION 23914	27.24 -0.96 0.00	25.56 -1.01 0.00	24.65 -1.00 0.00	23.94 -1.15 0.00	24.20 -1.14 0.00	26.26 -1.04 0.00	32.34 -1.35 0.00	38.39 -1.72 0.00	36.41 -1.72 0.00	33.62 -1.62 0.00	34.30 -1.54 0.00	33.37 -1.50 0.00	32.65 -1.40 0.00	32.65 -1.33 0.00	33.54 -1.43 0.00	34.82 -1.53 0.00	40.04 -1.67 0.00	49.80 -1.28 0.00	45.32 -1.45 0.00	42.41 -1.54 0.00	38.70 -1.78 0.00	37.74 -1.78 0.00	35.41 -1.55 0.00	34.61 -1.33 0.00
S SALMON___HYD 24043	27.52 -0.68 0.00	25.93 -0.64 0.00	25.03 -0.62 0.00	24.47 -0.63 0.00	24.65 -0.68 0.00	26.59 -0.71 0.00	32.88 -0.81 0.00	39.19 -0.92 0.00	37.21 -0.92 0.00	34.44 -0.81 0.00	35.02 -0.82 0.00	34.10 -0.77 0.00	33.26 -0.78 0.00	33.23 -0.75 0.00	34.14 -0.84 0.00	35.58 -0.77 0.00	40.96 -0.75 0.00	50.57 -0.51 0.00	46.26 -0.51 0.00	43.43 -0.53 0.00	39.80 -0.69 0.00	38.88 -0.63 0.00	36.37 -0.59 0.00	35.33 -0.61 0.00
S.PERRY___115KV_TB1 80734	28.26 0.06 0.00	26.49 -0.08 0.00	25.52 -0.13 0.00	24.69 -0.40 0.00	24.96 -0.38 0.00	27.13 -0.16 0.00	33.52 -0.17 0.00	39.87 -0.24 0.00	37.71 -0.42 0.00	34.72 -0.53 0.00	35.27 -0.57 0.00	34.38 -0.49 0.00	33.57 -0.48 0.00	33.53 -0.44 0.00	34.49 -0.49 0.00	35.95 -0.40 0.00	41.62 -0.08 0.00	52.20 1.12 0.00	47.43 0.65 0.00	44.44 0.48 0.00	40.44 -0.04 0.00	39.40 -0.12 0.00	36.97 0.00 0.00	36.12 0.18 0.00
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	26.59 -1.61 0.00	24.89 -1.67 0.00	24.06 -1.59 0.00	23.31 -1.78 0.00	23.61 -1.72 0.00	25.66 -1.64 0.00	31.20 -2.49 0.00	36.42 -3.69 0.00	34.43 -3.70 0.00	31.90 -3.35 0.00	32.43 -3.40 0.00	31.73 -3.14 0.00	31.05 -3.00 0.00	31.05 -2.92 0.00	31.90 -3.08 0.00	33.04 -3.31 0.00	37.91 -3.80 0.00	47.40 -3.68 0.00	43.08 -3.69 0.00	40.17 -3.78 0.00	36.64 -3.85 0.00	36.00 -3.52 0.00	33.83 -3.14 0.00	33.39 -2.55 0.00
SAWYER___23_KV_LOAD 55526	26.59 -1.61 0.00	24.89 -1.67 0.00	24.06 -1.59 0.00	23.31 -1.78 0.00	23.61 -1.72 0.00	25.66 -1.64 0.00	31.20 -2.49 0.00	36.42 -3.69 0.00	34.43 -3.70 0.00	31.90 -3.35 0.00	32.43 -3.40 0.00	31.73 -3.14 0.00	31.05 -3.00 0.00	31.05 -2.92 0.00	31.90 -3.08 0.00	33.04 -3.31 0.00	37.91 -3.80 0.00	47.40 -3.68 0.00	43.08 -3.69 0.00	40.17 -3.78 0.00	36.64 -3.85 0.00	36.00 -3.52 0.00	33.83 -3.14 0.00	33.39 -2.55 0.00
SELKIRK___I 23801	29.05 0.85 0.00	27.36 0.80 0.00	26.47 0.82 0.00	25.90 0.80 0.00	26.12 0.79 0.00	28.09 0.79 0.00	34.70 1.01 0.00	41.19 1.08 0.00	39.19 1.07 0.00	36.20 0.95 0.00	36.81 0.97 0.00	35.85 0.98 0.00	34.93 0.88 0.00	34.86 0.88 0.00	35.92 0.94 0.00	37.33 0.98 0.00	42.92 1.21 0.00	52.82 1.74 0.00	48.45 1.68 0.00	45.36 1.41 0.00	41.78 1.30 0.00	40.78 1.26 0.00	38.04 1.07 0.00	37.13 1.18 0.00
SELKIRK___II 23799	28.85 0.65 0.00	27.18 0.61 0.00	26.29 0.64 0.00	25.72 0.63 0.00	25.97 0.63 0.00	27.92 0.63 0.00	34.50 0.81 0.00	40.99 0.88 0.00	39.04 0.91 0.00	36.02 0.77 0.00	36.66 0.82 0.00	35.67 0.80 0.00	34.79 0.75 0.00	34.72 0.75 0.00	35.78 0.81 0.00	37.15 0.80 0.00	42.75 1.04 0.00	52.56 1.48 0.00	48.22 1.45 0.00	45.09 1.14 0.00	41.50 1.01 0.00	40.50 0.99 0.00	37.74 0.78 0.00	36.77 0.83 0.00
SENECA OSWGO___HYD 24041	27.36 -0.85 0.00	25.80 -0.77 0.00	24.88 -0.77 0.00	24.32 -0.78 0.00	24.55 -0.79 0.00	26.50 -0.79 0.00	32.75 -0.94 0.00	39.03 -1.08 0.00	37.06 -1.07 0.00	34.26 -0.99 0.00	34.84 -1.00 0.00	33.93 -0.94 0.00	33.09 -0.95 0.00	33.02 -0.95 0.00	34.00 -0.98 0.00	35.33 -1.02 0.00	40.62 -1.08 0.00	50.11 -0.97 0.00	45.79 -0.98 0.00	42.94 -1.01 0.00	39.43 -1.05 0.00	38.45 -1.07 0.00	36.01 -0.96 0.00	35.01 -0.93 0.00

SENECA___115KV_TB3 355854	27.07 -1.13 0.00	25.32 -1.25 0.00	24.47 -1.18 0.00	23.71 -1.38 0.00	23.99 -1.34 0.00	26.07 -1.23 0.00	31.77 -1.92 0.00	37.18 -2.93 0.00	35.07 -3.05 0.00	32.50 -2.75 0.00	33.08 -2.76 0.00	32.36 -2.51 0.00	31.69 -2.35 0.00	31.66 -2.31 0.00	32.53 -2.45 0.00	33.69 -2.65 0.00	38.74 -2.96 0.00	48.47 -2.60 0.00	44.01 -2.76 0.00	41.05 -2.90 0.00	37.45 -3.04 0.00	36.75 -2.77 0.00	34.49 -2.48 0.00	34.04 -1.91 0.00
SENECA___ENERGY 23797	27.69 -0.51 0.00	26.06 -0.51 0.00	25.14 -0.51 0.00	24.49 -0.60 0.00	24.78 -0.56 0.00	26.83 -0.46 0.00	33.15 -0.54 0.00	39.39 -0.72 0.00	37.40 -0.73 0.00	34.57 -0.67 0.00	35.16 -0.68 0.00	34.21 -0.66 0.00	33.36 -0.68 0.00	33.30 -0.68 0.00	34.28 -0.70 0.00	35.58 -0.77 0.00	40.87 -0.83 0.00	50.72 -0.36 0.00	46.26 -0.51 0.00	43.38 -0.57 0.00	39.67 -0.81 0.00	38.68 -0.83 0.00	36.37 -0.59 0.00	35.51 -0.43 0.00
SHOEMAKER___GT 23640	29.16 0.96 0.00	27.44 0.88 0.00	26.49 0.85 0.00	25.97 0.88 0.00	26.22 0.89 0.00	28.25 0.95 0.00	34.97 1.28 0.00	41.63 1.52 0.00	39.65 1.53 0.00	36.55 1.30 0.00	37.13 1.29 0.00	36.12 1.25 0.00	35.27 1.22 0.00	35.20 1.22 0.00	36.24 1.26 0.00	37.69 1.35 0.00	43.50 1.79 0.00	53.63 2.55 0.00	49.16 2.38 0.00	45.93 1.98 0.00	42.11 1.62 0.00	41.05 1.54 0.00	38.22 1.26 0.00	37.09 1.15 0.00
SHOEMAKR_138KV_BK 111 55601	29.16 0.96 0.00	27.44 0.88 0.00	26.50 0.85 0.00	25.97 0.88 0.00	26.22 0.89 0.00	28.28 0.98 0.00	34.93 1.25 0.00	41.68 1.56 0.00	39.65 1.52 0.00	36.58 1.34 0.00	37.17 1.33 0.00	36.16 1.29 0.00	35.30 1.26 0.00	35.23 1.26 0.00	36.27 1.29 0.00	37.69 1.34 0.00	43.50 1.79 0.00	53.68 2.60 0.00	49.16 2.39 0.00	45.93 1.98 0.00	42.06 1.58 0.00	41.02 1.50 0.00	38.30 1.33 0.00	37.17 1.22 0.00
SHOREHAM_IC_1 23715	33.90 2.93 -2.77	31.77 2.66 -2.55	30.33 2.54 -2.14	30.04 2.56 -2.38	30.90 2.61 -2.95	34.12 2.95 -3.88	40.41 3.87 -2.85	46.92 4.93 -1.88	44.95 4.77 -2.06	39.16 3.91 0.00	39.78 3.94 0.00	38.25 3.38 0.00	37.28 3.24 0.00	37.27 3.29 0.00	38.27 3.29 0.00	39.80 3.45 0.00	46.88 5.17 0.00	59.14 6.89 -1.17	53.94 6.31 -0.85	52.05 5.85 -2.25	49.95 5.10 -4.36	43.31 3.79 0.00	39.96 2.99 0.00	38.93 2.98 0.00
SHOREHAM_IC_2 23716	33.90 2.93 -2.77	31.77 2.66 -2.55	30.33 2.54 -2.14	30.04 2.56 -2.38	30.90 2.61 -2.95	34.12 2.95 -3.88	40.41 3.87 -2.85	46.92 4.93 -1.88	44.95 4.77 -2.06	39.16 3.91 0.00	39.78 3.94 0.00	38.25 3.38 0.00	37.28 3.24 0.00	37.27 3.29 0.00	38.27 3.29 0.00	39.80 3.45 0.00	46.88 5.17 0.00	59.14 6.89 -1.17	53.94 6.31 -0.85	52.05 5.85 -2.25	49.95 5.10 -4.36	43.31 3.79 0.00	39.96 2.99 0.00	38.93 2.98 0.00
SISSONVILLE____ 23735	27.84 -0.37 0.00	26.25 -0.32 0.00	25.29 -0.36 0.00	24.74 -0.35 0.00	25.01 -0.33 0.00	26.83 -0.46 0.00	33.18 -0.51 0.00	39.23 -0.88 0.00	37.44 -0.69 0.00	34.82 -0.42 0.00	35.30 -0.54 0.00	34.31 -0.56 0.00	33.53 -0.51 0.00	33.43 -0.54 0.00	34.45 -0.52 0.00	35.95 -0.40 0.00	40.75 -0.96 0.00	49.39 -1.69 0.00	45.37 -1.40 0.00	42.85 -1.10 0.00	39.76 -0.73 0.00	38.80 -0.71 0.00	36.60 -0.37 0.00	35.44 -0.50 0.00
SITHE_IND_GS1 24169	27.07 -1.13 0.00	25.53 -1.04 0.00	24.62 -1.03 0.00	24.09 -1.00 0.00	24.32 -1.01 0.00	26.23 -1.06 0.00	32.34 -1.35 0.00	38.51 -1.61 0.00	36.56 -1.56 0.00	33.80 -1.45 0.00	34.37 -1.47 0.00	33.47 -1.40 0.00	32.68 -1.36 0.00	32.61 -1.36 0.00	33.58 -1.40 0.00	34.86 -1.49 0.00	40.04 -1.67 0.00	49.29 -1.79 0.00	45.09 -1.68 0.00	42.28 -1.67 0.00	38.86 -1.62 0.00	37.93 -1.58 0.00	35.52 -1.44 0.00	34.58 -1.37 0.00
SITHE_IND_GS2 24170	27.07 -1.13 0.00	25.53 -1.04 0.00	24.62 -1.03 0.00	24.09 -1.00 0.00	24.32 -1.01 0.00	26.23 -1.06 0.00	32.34 -1.35 0.00	38.51 -1.61 0.00	36.56 -1.56 0.00	33.80 -1.45 0.00	34.37 -1.47 0.00	33.47 -1.40 0.00	32.68 -1.36 0.00	32.61 -1.36 0.00	33.58 -1.40 0.00	34.86 -1.49 0.00	40.04 -1.67 0.00	49.29 -1.79 0.00	45.09 -1.68 0.00	42.28 -1.67 0.00	38.86 -1.62 0.00	37.93 -1.58 0.00	35.52 -1.44 0.00	34.58 -1.37 0.00
SITHE_IND_GS3 24171	27.07 -1.13 0.00	25.53 -1.04 0.00	24.62 -1.03 0.00	24.09 -1.00 0.00	24.32 -1.01 0.00	26.23 -1.06 0.00	32.34 -1.35 0.00	38.51 -1.61 0.00	36.56 -1.56 0.00	33.80 -1.45 0.00	34.37 -1.47 0.00	33.47 -1.40 0.00	32.68 -1.36 0.00	32.61 -1.36 0.00	33.58 -1.40 0.00	34.86 -1.49 0.00	40.04 -1.67 0.00	49.29 -1.79 0.00	45.09 -1.68 0.00	42.28 -1.67 0.00	38.86 -1.62 0.00	37.93 -1.58 0.00	35.52 -1.44 0.00	34.58 -1.37 0.00
SITHE_IND_GS4 24172	27.07 -1.13 0.00	25.53 -1.04 0.00	24.62 -1.03 0.00	24.09 -1.00 0.00	24.32 -1.01 0.00	26.23 -1.06 0.00	32.34 -1.35 0.00	38.51 -1.61 0.00	36.56 -1.56 0.00	33.80 -1.45 0.00	34.37 -1.47 0.00	33.47 -1.40 0.00	32.68 -1.36 0.00	32.61 -1.36 0.00	33.58 -1.40 0.00	34.86 -1.49 0.00	40.04 -1.67 0.00	49.29 -1.79 0.00	45.09 -1.68 0.00	42.28 -1.67 0.00	38.86 -1.62 0.00	37.93 -1.58 0.00	35.52 -1.44 0.00	34.58 -1.37 0.00
SITHE___BATAVIA 24024	27.13 -1.07 0.00	25.40 -1.17 0.00	24.50 -1.15 0.00	23.71 -1.38 0.00	23.99 -1.34 0.00	26.12 -1.17 0.00	32.04 -1.65 0.00	37.94 -2.17 0.00	35.80 -2.33 0.00	33.09 -2.15 0.00	33.65 -2.19 0.00	32.78 -2.09 0.00	32.07 -1.98 0.00	32.11 -1.87 0.00	32.95 -2.03 0.00	34.13 -2.22 0.00	39.33 -2.38 0.00	49.24 -1.84 0.00	44.57 -2.20 0.00	41.76 -2.20 0.00	38.01 -2.47 0.00	37.03 -2.49 0.00	35.34 -1.63 0.00	34.87 -1.08 0.00
SITHE___INDEPEND 23800	27.07 -1.13 0.00	25.53 -1.04 0.00	24.62 -1.03 0.00	24.09 -1.00 0.00	24.32 -1.01 0.00	26.23 -1.06 0.00	32.34 -1.35 0.00	38.51 -1.60 0.00	36.56 -1.56 0.00	33.80 -1.45 0.00	34.37 -1.47 0.00	33.48 -1.39 0.00	32.68 -1.36 0.00	32.62 -1.36 0.00	33.58 -1.40 0.00	34.89 -1.45 0.00	40.08 -1.63 0.00	49.34 -1.74 0.00	45.09 -1.68 0.00	42.33 -1.63 0.00	38.86 -1.62 0.00	37.93 -1.58 0.00	35.49 -1.48 0.00	34.51 -1.44 0.00
SITHE___MASSENA 23902	28.45 0.25 0.00	26.80 0.24 0.00	25.85 0.20 0.00	25.29 0.20 0.00	25.56 0.23 0.00	27.46 0.16 0.00	33.89 0.20 0.00	40.07 -0.04 0.00	38.24 0.11 0.00	35.49 0.25 0.00	36.06 0.22 0.00	35.05 0.18 0.00	34.25 0.21 0.00	34.15 0.17 0.00	35.15 0.18 0.00	36.60 0.26 0.00	41.58 -0.12 0.00	50.36 -0.72 0.00	46.21 -0.56 0.00	43.69 -0.26 0.00	40.48 0.00 0.00	39.55 0.04 0.00	37.26 0.29 0.00	36.16 0.22 0.00
SITHE___OGDNSBRG 24021	28.57 0.37 0.00	26.94 0.37 0.00	25.96 0.31 0.00	25.40 0.30 0.00	25.64 0.30 0.00	27.57 0.27 0.00	34.13 0.44 0.00	40.43 0.32 0.00	38.62 0.50 0.00	35.91 0.67 0.00	36.41 0.57 0.00	35.32 0.45 0.00	34.55 0.51 0.00	34.48 0.51 0.00	35.54 0.56 0.00	37.07 0.73 0.00	42.04 0.33 0.00	50.92 -0.15 0.00	46.77 0.00 0.00	44.22 0.26 0.00	40.97 0.49 0.00	39.99 0.47 0.00	37.63 0.67 0.00	36.45 0.50 0.00

SITHE___STERLING 23777	28.82 0.62 0.00	27.18 0.61 0.00	26.21 0.56 0.00	25.62 0.53 0.00	25.87 0.53 0.00	28.00 0.71 0.00	34.67 0.98 0.00	41.36 1.24 0.00	39.23 1.11 0.00	36.23 0.99 0.00	36.81 0.97 0.00	35.78 0.91 0.00	34.89 0.85 0.00	34.86 0.88 0.00	35.96 0.98 0.00	37.48 1.13 0.00	43.16 1.46 0.00	53.22 2.14 0.00	48.69 1.92 0.00	45.67 1.71 0.00	41.86 1.38 0.00	40.86 1.34 0.00	38.08 1.11 0.00	37.02 1.08 0.00
SLEIGHT__34_KV_TB1 80719	27.24 -0.96 0.00	25.61 -0.96 0.00	24.70 -0.95 0.00	24.02 -1.08 0.00	24.30 -1.04 0.00	26.34 -0.96 0.00	32.54 -1.15 0.00	38.75 -1.36 0.00	36.79 -1.33 0.00	33.98 -1.27 0.00	34.62 -1.22 0.00	33.72 -1.15 0.00	32.92 -1.12 0.00	32.92 -1.05 0.00	33.82 -1.15 0.00	35.15 -1.20 0.00	40.41 -1.29 0.00	50.16 -0.92 0.00	45.70 -1.08 0.00	42.81 -1.14 0.00	39.11 -1.38 0.00	38.13 -1.38 0.00	35.71 -1.26 0.00	34.83 -1.11 0.00
SOUTH CAIRO___GT 23612	29.87 1.66 0.00	28.11 1.54 0.00	27.19 1.54 0.00	26.57 1.48 0.00	26.83 1.49 0.00	28.85 1.56 0.00	35.95 2.26 0.00	41.96 1.85 0.00	40.03 1.91 0.00	36.76 1.51 0.00	37.09 1.25 0.00	36.09 1.22 0.00	35.13 1.09 0.00	35.09 1.12 0.00	36.31 1.33 0.00	37.91 1.56 0.00	43.83 2.13 0.00	54.04 2.96 0.00	49.81 3.04 0.00	46.50 2.55 0.00	42.95 2.47 0.00	42.01 2.49 0.00	39.07 2.11 0.00	38.39 2.45 0.00
SOUTH HAMPTN___IC 23720	34.18 3.21 -2.77	32.01 2.90 -2.55	30.56 2.77 -2.14	30.26 2.79 -2.38	31.12 2.84 -2.95	34.39 3.22 -3.88	40.75 4.21 -2.85	47.37 5.38 -1.88	45.33 5.14 -2.06	39.51 4.26 0.00	40.14 4.30 0.00	38.60 3.73 0.00	37.58 3.54 0.00	37.61 3.64 0.00	38.58 3.60 0.00	40.13 3.78 0.00	47.33 5.63 0.00	59.75 7.51 -1.17	54.54 6.92 -0.85	52.48 6.28 -2.25	50.39 5.55 -4.36	43.86 4.35 0.00	40.44 3.47 0.00	39.29 3.34 0.00
SOUTHDOW_115KV_TB1 355954	28.17 -0.03 0.00	26.35 -0.21 0.00	25.42 -0.23 0.00	24.64 -0.45 0.00	24.96 -0.38 0.00	27.16 -0.14 0.00	33.28 -0.40 0.00	39.23 -0.88 0.00	36.87 -1.26 0.00	34.12 -1.13 0.00	34.87 -0.97 0.00	34.14 -0.73 0.00	33.43 -0.61 0.00	33.43 -0.54 0.00	34.31 -0.66 0.00	35.51 -0.84 0.00	40.91 -0.79 0.00	51.44 0.36 0.00	46.58 -0.19 0.00	43.34 -0.62 0.00	39.51 -0.97 0.00	38.69 -0.83 0.00	36.26 -0.70 0.00	35.69 -0.25 0.00
SOUTHOLD_69_KV_BK 2 55809	34.67 3.69 -2.77	32.44 3.32 -2.55	31.00 3.21 -2.14	30.67 3.19 -2.38	31.50 3.22 -2.95	34.85 3.68 -3.88	41.32 4.78 -2.85	48.21 6.22 -1.88	45.98 5.79 -2.06	40.18 4.93 0.00	40.86 5.02 0.00	39.47 4.60 0.00	38.37 4.32 0.00	38.43 4.45 0.00	39.42 4.44 0.00	40.96 4.62 0.00	48.55 6.84 0.00	61.28 9.04 -1.17	55.86 8.23 -0.85	53.71 7.52 -2.25	51.40 6.56 -4.36	45.01 5.49 0.00	41.96 4.99 0.00	40.47 4.53 0.00
SOUTHOLD___IC 23719	34.66 3.69 -2.77	32.44 3.32 -2.55	30.97 3.18 -2.14	30.67 3.19 -2.38	31.50 3.22 -2.95	34.88 3.71 -3.88	41.35 4.82 -2.85	48.09 6.09 -1.88	46.02 5.83 -2.06	40.08 4.83 0.00	40.71 4.87 0.00	39.19 4.32 0.00	38.13 4.08 0.00	38.15 4.18 0.00	39.17 4.20 0.00	40.74 4.40 0.00	48.17 6.46 0.00	60.88 8.63 -1.17	55.57 7.95 -0.85	53.45 7.25 -2.25	51.24 6.39 -4.36	44.69 5.18 0.00	41.14 4.18 0.00	39.97 4.02 0.00
SOUTH_FORK_WT_PWR 323839	34.72 3.75 -2.77	32.49 3.37 -2.55	31.02 3.23 -2.14	30.72 3.24 -2.38	31.56 3.27 -2.95	34.94 3.77 -3.88	41.42 4.88 -2.85	48.17 6.17 -1.88	46.10 5.91 -2.06	40.14 4.90 0.00	40.79 4.95 0.00	39.26 4.39 0.00	38.19 4.15 0.00	38.22 4.25 0.00	39.21 4.23 0.00	40.78 4.43 0.00	48.21 6.50 0.00	60.98 8.73 -1.17	55.62 8.00 -0.85	53.54 7.34 -2.25	51.32 6.48 -4.36	44.73 5.22 0.00	41.22 4.25 0.00	40.04 4.10 0.00
SPIERFLS_115KV_TB 1 80737	29.78 1.58 0.00	28.08 1.51 0.00	27.11 1.46 0.00	26.52 1.43 0.00	26.78 1.44 0.00	28.91 1.61 0.00	35.95 2.26 0.00	42.68 2.57 0.00	40.64 2.52 0.00	37.50 2.26 0.00	38.06 2.22 0.00	37.10 2.23 0.00	36.02 1.97 0.00	35.88 1.90 0.00	37.04 2.06 0.00	38.57 2.22 0.00	44.54 2.84 0.00	55.01 3.93 0.00	50.70 3.93 0.00	47.38 3.43 0.00	43.68 3.20 0.00	42.60 3.08 0.00	39.59 2.62 0.00	38.50 2.55 0.00
ST LAWRENCE____ 23600	28.15 -0.06 0.00	26.54 -0.03 0.00	25.60 -0.05 0.00	25.04 -0.05 0.00	25.31 -0.03 0.00	27.19 -0.11 0.00	33.55 -0.13 0.00	39.79 -0.32 0.00	37.86 -0.27 0.00	35.10 -0.14 0.00	35.66 -0.18 0.00	34.66 -0.21 0.00	33.84 -0.20 0.00	33.77 -0.20 0.00	34.77 -0.21 0.00	36.17 -0.18 0.00	41.21 -0.50 0.00	49.91 -1.17 0.00	45.79 -0.98 0.00	43.30 -0.66 0.00	40.12 -0.37 0.00	39.20 -0.32 0.00	36.82 -0.15 0.00	35.77 -0.18 0.00
STATE_CA_115KV_115_LB 55624	28.85 0.65 0.00	27.20 0.64 0.00	26.34 0.69 0.00	25.80 0.70 0.00	26.02 0.68 0.00	27.98 0.68 0.00	34.56 0.88 0.00	41.11 1.00 0.00	39.12 0.99 0.00	36.16 0.92 0.00	36.77 0.93 0.00	35.81 0.94 0.00	34.89 0.85 0.00	34.82 0.85 0.00	35.85 0.87 0.00	37.22 0.87 0.00	42.83 1.13 0.00	52.71 1.63 0.00	48.41 1.64 0.00	45.27 1.32 0.00	41.66 1.17 0.00	40.66 1.15 0.00	37.89 0.92 0.00	36.95 1.01 0.00
STATE_ST_34_KV_LOAD 55959	27.95 -0.25 0.00	26.30 -0.27 0.00	25.39 -0.26 0.00	24.77 -0.33 0.00	25.03 -0.30 0.00	27.08 -0.22 0.00	33.49 -0.20 0.00	39.95 -0.16 0.00	37.90 -0.23 0.00	35.03 -0.21 0.00	35.62 -0.22 0.00	34.70 -0.17 0.00	33.87 -0.17 0.00	33.77 -0.20 0.00	34.77 -0.21 0.00	36.13 -0.22 0.00	41.58 -0.13 0.00	51.49 0.41 0.00	47.01 0.23 0.00	44.04 0.09 0.00	40.36 -0.12 0.00	39.36 -0.16 0.00	36.78 -0.18 0.00	35.76 -0.18 0.00
STATION 5_MISC_HYD 23604	27.13 -1.07 0.00	25.45 -1.11 0.00	24.57 -1.08 0.00	23.87 -1.23 0.00	24.12 -1.22 0.00	26.17 -1.12 0.00	32.21 -1.48 0.00	38.23 -1.88 0.00	36.22 -1.91 0.00	33.52 -1.73 0.00	34.12 -1.72 0.00	33.20 -1.67 0.00	32.44 -1.60 0.00	32.48 -1.49 0.00	33.33 -1.64 0.00	34.57 -1.78 0.00	39.70 -2.00 0.00	49.34 -1.74 0.00	44.85 -1.92 0.00	42.02 -1.93 0.00	38.38 -2.11 0.00	37.42 -2.10 0.00	35.45 -1.52 0.00	34.79 -1.15 0.00
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	27.61 -0.59 0.00	25.93 -0.64 0.00	25.01 -0.64 0.00	24.29 -0.80 0.00	24.58 -0.76 0.00	26.67 -0.63 0.00	32.95 -0.74 0.00	39.19 -0.92 0.00	37.17 -0.95 0.00	34.33 -0.92 0.00	35.01 -0.82 0.00	34.07 -0.80 0.00	33.26 -0.78 0.00	33.26 -0.71 0.00	34.17 -0.80 0.00	35.51 -0.84 0.00	40.83 -0.88 0.00	50.77 -0.31 0.00	46.21 -0.56 0.00	43.29 -0.66 0.00	39.55 -0.93 0.00	38.53 -0.99 0.00	36.12 -0.85 0.00	35.26 -0.68 0.00
STA_56_34_KV_BUS2_REV_LBMP_B 345033	27.02 -1.18 0.00	25.34 -1.22 0.00	24.47 -1.18 0.00	23.76 -1.33 0.00	24.02 -1.32 0.00	26.07 -1.23 0.00	32.11 -1.58 0.00	38.11 -2.01 0.00	36.14 -1.98 0.00	33.41 -1.83 0.00	34.05 -1.79 0.00	33.13 -1.74 0.00	32.41 -1.63 0.00	32.41 -1.56 0.00	33.30 -1.68 0.00	34.57 -1.78 0.00	39.75 -1.96 0.00	49.34 -1.74 0.00	44.90 -1.87 0.00	42.06 -1.89 0.00	38.42 -2.06 0.00	37.46 -2.05 0.00	35.12 -1.85 0.00	34.33 -1.62 0.00

STA_56___34_KV_BUS2 355983	27.02 -1.18 0.00	25.34 -1.22 0.00	24.47 -1.18 0.00	23.76 -1.33 0.00	24.02 -1.32 0.00	26.07 -1.23 0.00	32.11 -1.58 0.00	38.11 -2.01 0.00	36.14 -1.98 0.00	33.41 -1.83 0.00	34.05 -1.79 0.00	33.13 -1.74 0.00	32.41 -1.63 0.00	32.41 -1.56 0.00	33.30 -1.68 0.00	34.57 -1.78 0.00	39.75 -1.96 0.00	49.34 -1.74 0.00	44.90 -1.87 0.00	42.06 -1.89 0.00	38.42 -2.06 0.00	37.46 -2.05 0.00	35.12 -1.85 0.00	34.33 -1.62 0.00
STA_67___115KV_BK2 355882	27.10 -1.10 0.00	25.40 -1.17 0.00	24.52 -1.13 0.00	23.81 -1.28 0.00	24.07 -1.27 0.00	26.12 -1.17 0.00	32.14 -1.55 0.00	38.07 -2.05 0.00	36.10 -2.02 0.00	33.38 -1.87 0.00	33.98 -1.86 0.00	33.09 -1.78 0.00	32.37 -1.67 0.00	32.38 -1.60 0.00	33.26 -1.71 0.00	34.53 -1.82 0.00	39.66 -2.04 0.00	49.29 -1.79 0.00	44.85 -1.92 0.00	42.02 -1.93 0.00	38.34 -2.15 0.00	37.46 -2.05 0.00	35.12 -1.85 0.00	34.36 -1.58 0.00
STA_7___115KV_9TRANS 80674	27.24 -0.96 0.00	25.56 -1.01 0.00	24.65 -1.00 0.00	23.94 -1.15 0.00	24.20 -1.14 0.00	26.26 -1.04 0.00	32.34 -1.35 0.00	38.39 -1.72 0.00	36.41 -1.72 0.00	33.62 -1.62 0.00	34.30 -1.54 0.00	33.37 -1.50 0.00	32.65 -1.40 0.00	32.65 -1.33 0.00	33.54 -1.43 0.00	34.82 -1.53 0.00	40.04 -1.67 0.00	49.80 -1.28 0.00	45.32 -1.45 0.00	42.41 -1.54 0.00	38.70 -1.78 0.00	37.74 -1.78 0.00	35.41 -1.55 0.00	34.61 -1.33 0.00
STA_82___115KV_TB1 80780	27.10 -1.10 0.00	25.42 -1.14 0.00	24.52 -1.13 0.00	23.81 -1.28 0.00	24.09 -1.24 0.00	26.15 -1.15 0.00	32.14 -1.55 0.00	38.07 -2.05 0.00	36.14 -1.98 0.00	33.38 -1.87 0.00	34.01 -1.83 0.00	33.13 -1.74 0.00	32.37 -1.67 0.00	32.38 -1.60 0.00	33.26 -1.71 0.00	34.53 -1.82 0.00	39.70 -2.00 0.00	49.34 -1.74 0.00	44.90 -1.87 0.00	42.06 -1.89 0.00	38.38 -2.11 0.00	37.46 -2.05 0.00	35.16 -1.81 0.00	34.36 -1.58 0.00
STEEL___WIND 323596	27.04 -1.16 0.00	25.29 -1.27 0.00	24.44 -1.21 0.00	23.71 -1.38 0.00	23.99 -1.34 0.00	26.07 -1.23 0.00	31.77 -1.92 0.00	37.26 -2.85 0.00	35.04 -3.09 0.00	32.56 -2.68 0.00	33.08 -2.76 0.00	32.36 -2.51 0.00	31.63 -2.42 0.00	31.63 -2.34 0.00	32.46 -2.52 0.00	33.58 -2.76 0.00	38.58 -3.13 0.00	48.32 -2.76 0.00	43.78 -2.99 0.00	40.88 -3.08 0.00	37.33 -3.16 0.00	36.55 -2.96 0.00	34.82 -2.15 0.00	34.51 -1.44 0.00
STEPHTWN_115KV_BK_2 55603	29.10 0.90 0.00	27.42 0.85 0.00	26.55 0.90 0.00	25.97 0.88 0.00	26.22 0.89 0.00	28.22 0.93 0.00	34.93 1.25 0.00	41.47 1.36 0.00	39.54 1.41 0.00	36.51 1.27 0.00	37.13 1.29 0.00	36.16 1.29 0.00	35.20 1.16 0.00	35.10 1.12 0.00	36.20 1.22 0.00	37.58 1.24 0.00	43.25 1.54 0.00	53.27 2.20 0.00	48.92 2.15 0.00	45.76 1.80 0.00	42.14 1.66 0.00	41.14 1.62 0.00	38.34 1.37 0.00	37.38 1.44 0.00
STEBUBEN_REC_LFGE 323667	28.29 0.08 0.00	26.54 -0.03 0.00	25.60 -0.05 0.00	24.87 -0.23 0.00	25.11 -0.23 0.00	27.19 -0.11 0.00	33.32 -0.37 0.00	39.23 -0.88 0.00	36.98 -1.14 0.00	34.15 -1.09 0.00	34.73 -1.11 0.00	33.96 -0.91 0.00	33.19 -0.85 0.00	33.13 -0.85 0.00	34.10 -0.87 0.00	35.48 -0.87 0.00	40.91 -0.79 0.00	51.33 0.26 0.00	46.72 -0.05 0.00	43.73 -0.22 0.00	40.00 -0.49 0.00	39.16 -0.36 0.00	36.75 -0.22 0.00	36.05 0.11 0.00
STILLWATER___SOLAR 323814	29.67 1.47 0.00	27.95 1.38 0.00	27.01 1.36 0.00	26.42 1.33 0.00	26.65 1.32 0.00	28.74 1.45 0.00	35.64 1.95 0.00	42.36 2.24 0.00	40.30 2.17 0.00	37.18 1.94 0.00	37.81 1.97 0.00	36.82 1.95 0.00	35.85 1.80 0.00	35.71 1.73 0.00	36.83 1.85 0.00	38.31 1.96 0.00	44.21 2.50 0.00	54.50 3.42 0.00	50.09 3.32 0.00	46.85 2.90 0.00	43.11 2.63 0.00	42.08 2.57 0.00	39.19 2.22 0.00	38.10 2.16 0.00
STONY___BROOK 24151	33.59 2.62 -2.77	31.51 2.39 -2.55	30.10 2.31 -2.14	29.79 2.31 -2.38	30.64 2.36 -2.95	33.79 2.62 -3.88	39.97 3.44 -2.85	46.40 4.41 -1.88	44.46 4.27 -2.06	38.77 3.52 0.00	39.39 3.55 0.00	37.90 3.03 0.00	36.97 2.93 0.00	36.96 2.99 0.00	37.92 2.94 0.00	39.40 3.05 0.00	46.38 4.67 0.00	58.52 6.28 -1.17	53.37 5.75 -0.85	51.29 5.10 -2.25	49.34 4.49 -4.36	43.15 3.63 0.00	39.78 2.81 0.00	38.53 2.59 0.00
STURGEON_POOL_HYD 23609	29.53 1.33 0.00	27.74 1.17 0.00	26.78 1.13 0.00	26.22 1.13 0.00	26.48 1.14 0.00	28.52 1.23 0.00	35.31 1.62 0.00	42.16 2.05 0.00	40.11 1.98 0.00	36.97 1.73 0.00	37.56 1.72 0.00	36.51 1.64 0.00	35.68 1.63 0.00	35.57 1.60 0.00	36.62 1.64 0.00	38.06 1.71 0.00	44.00 2.29 0.00	54.30 3.22 0.00	49.72 2.95 0.00	46.41 2.46 0.00	42.43 1.94 0.00	41.37 1.86 0.00	38.63 1.66 0.00	37.45 1.51 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	29.25 1.04 0.00	27.52 0.96 0.00	26.57 0.92 0.00	26.17 1.08 0.00	26.42 1.09 0.00	28.47 1.17 0.00	35.24 1.55 0.00	42.08 1.97 0.00	40.03 1.91 0.00	36.90 1.66 0.00	37.49 1.65 0.00	36.44 1.57 0.00	35.61 1.57 0.00	35.54 1.56 0.00	36.59 1.61 0.00	38.02 1.67 0.00	43.92 2.21 0.00	54.25 3.17 0.00	49.67 2.90 0.00	46.37 2.42 0.00	42.43 1.94 0.00	41.37 1.86 0.00	38.59 1.63 0.00	37.42 1.47 0.00
SWANROAD_115KV_TB1 355699	25.95 -2.26 0.00	24.28 -2.28 0.00	23.47 -2.18 0.00	22.76 -2.33 0.00	23.03 -2.31 0.00	25.03 -2.27 0.00	30.42 -3.27 0.00	35.42 -4.69 0.00	33.51 -4.61 0.00	31.09 -4.16 0.00	31.57 -4.26 0.00	30.86 -4.01 0.00	30.20 -3.85 0.00	30.20 -3.77 0.00	31.03 -3.95 0.00	32.13 -4.22 0.00	36.91 -4.80 0.00	46.12 -4.95 0.00	41.86 -4.91 0.00	39.07 -4.88 0.00	35.63 -4.86 0.00	35.01 -4.50 0.00	32.90 -4.07 0.00	32.49 -3.45 0.00
SYNERGY___BIOGAS 323694	27.13 -1.07 0.00	25.40 -1.17 0.00	24.50 -1.15 0.00	23.71 -1.38 0.00	23.99 -1.34 0.00	26.12 -1.17 0.00	32.04 -1.65 0.00	37.94 -2.17 0.00	35.80 -2.33 0.00	33.09 -2.15 0.00	33.65 -2.19 0.00	32.78 -2.09 0.00	32.07 -1.98 0.00	32.11 -1.87 0.00	32.95 -2.03 0.00	34.13 -2.22 0.00	39.33 -2.38 0.00	49.24 -1.84 0.00	44.57 -2.20 0.00	41.76 -2.20 0.00	38.01 -2.47 0.00	37.03 -2.49 0.00	35.34 -1.63 0.00	34.87 -1.08 0.00
SYRACUSE___ENERGY_ST1 323597	27.78 -0.42 0.00	26.19 -0.37 0.00	25.26 -0.38 0.00	24.69 -0.40 0.00	24.93 -0.41 0.00	26.91 -0.38 0.00	33.25 -0.44 0.00	39.63 -0.48 0.00	37.63 -0.50 0.00	34.79 -0.46 0.00	35.41 -0.43 0.00	34.49 -0.38 0.00	33.63 -0.41 0.00	33.57 -0.41 0.00	34.56 -0.42 0.00	35.91 -0.44 0.00	41.29 -0.42 0.00	50.98 -0.10 0.00	46.54 -0.23 0.00	43.65 -0.31 0.00	40.04 -0.45 0.00	39.08 -0.43 0.00	36.52 -0.44 0.00	35.55 -0.40 0.00
SYRACUSE___ENERGY_ST2 323598	27.78 -0.42 0.00	26.19 -0.37 0.00	25.26 -0.38 0.00	24.69 -0.40 0.00	24.93 -0.41 0.00	26.91 -0.38 0.00	33.25 -0.44 0.00	39.63 -0.48 0.00	37.63 -0.50 0.00	34.79 -0.46 0.00	35.41 -0.43 0.00	34.49 -0.38 0.00	33.63 -0.41 0.00	33.57 -0.41 0.00	34.56 -0.42 0.00	35.91 -0.44 0.00	41.29 -0.42 0.00	50.98 -0.10 0.00	46.54 -0.23 0.00	43.65 -0.31 0.00	40.04 -0.45 0.00	39.08 -0.43 0.00	36.52 -0.44 0.00	35.55 -0.40 0.00

SYRACUSE___POWER 24017	27.81 -0.39 0.00	26.17 -0.40 0.00	25.26 -0.38 0.00	24.69 -0.40 0.00	24.93 -0.41 0.00	26.91 -0.38 0.00	33.25 -0.44 0.00	39.59 -0.52 0.00	37.63 -0.50 0.00	34.75 -0.49 0.00	35.37 -0.47 0.00	34.42 -0.45 0.00	33.60 -0.44 0.00	33.53 -0.44 0.00	34.52 -0.45 0.00	35.88 -0.47 0.00	41.25 -0.46 0.00	50.92 -0.15 0.00	46.54 -0.23 0.00	43.60 -0.35 0.00	40.00 -0.49 0.00	39.04 -0.47 0.00	36.49 -0.48 0.00	35.48 -0.47 0.00
TALLMAN___138KV_BK151 55660	29.44 1.24 0.00	27.68 1.12 0.00	26.75 1.10 0.00	26.30 1.20 0.00	26.55 1.22 0.00	28.63 1.34 0.00	35.41 1.72 0.00	42.48 2.37 0.00	40.37 2.25 0.00	37.25 2.01 0.00	37.88 2.04 0.00	36.82 1.95 0.00	35.95 1.91 0.00	35.88 1.90 0.00	36.94 1.96 0.00	38.31 1.96 0.00	44.29 2.59 0.00	54.71 3.63 0.00	50.10 3.32 0.00	46.77 2.81 0.00	42.71 2.23 0.00	41.53 2.02 0.00	38.78 1.81 0.00	37.53 1.58 0.00
TEALLAVE_115KV_TB7 355573	27.64 -0.56 0.00	26.04 -0.53 0.00	25.14 -0.51 0.00	24.57 -0.53 0.00	24.80 -0.53 0.00	26.78 -0.52 0.00	33.05 -0.64 0.00	39.31 -0.80 0.00	37.36 -0.76 0.00	34.54 -0.70 0.00	35.12 -0.72 0.00	34.21 -0.66 0.00	33.40 -0.65 0.00	33.33 -0.65 0.00	34.31 -0.66 0.00	35.66 -0.69 0.00	40.96 -0.75 0.00	50.57 -0.51 0.00	46.16 -0.61 0.00	43.29 -0.66 0.00	39.71 -0.77 0.00	38.76 -0.75 0.00	36.23 -0.74 0.00	35.23 -0.72 0.00
TELGRAPH_34_KV_EAST 80808	26.68 -1.52 0.00	24.97 -1.59 0.00	24.11 -1.54 0.00	23.36 -1.73 0.00	23.64 -1.70 0.00	25.71 -1.58 0.00	31.43 -2.26 0.00	36.86 -3.25 0.00	34.88 -3.24 0.00	32.25 -3.00 0.00	32.83 -3.01 0.00	32.05 -2.82 0.00	31.35 -2.69 0.00	31.39 -2.58 0.00	32.21 -2.76 0.00	33.40 -2.94 0.00	38.41 -3.29 0.00	48.06 -3.01 0.00	43.64 -3.13 0.00	40.74 -3.21 0.00	37.12 -3.36 0.00	36.35 -3.16 0.00	34.16 -2.81 0.00	33.64 -2.30 0.00
TEMPLE___115KV_TB 2 55572	27.67 -0.54 0.00	26.06 -0.50 0.00	25.16 -0.49 0.00	24.57 -0.53 0.00	24.80 -0.53 0.00	26.80 -0.49 0.00	33.05 -0.64 0.00	39.35 -0.76 0.00	37.40 -0.72 0.00	34.54 -0.70 0.00	35.16 -0.68 0.00	34.24 -0.63 0.00	33.43 -0.61 0.00	33.36 -0.61 0.00	34.35 -0.63 0.00	35.66 -0.69 0.00	41.00 -0.71 0.00	50.57 -0.51 0.00	46.21 -0.56 0.00	43.34 -0.62 0.00	39.76 -0.73 0.00	38.80 -0.71 0.00	36.26 -0.70 0.00	35.26 -0.68 0.00
TIANA___69_KV_BK 1 55817	34.07 3.10 -2.77	31.91 2.79 -2.55	30.49 2.69 -2.14	30.16 2.69 -2.38	31.02 2.74 -2.95	34.28 3.11 -3.88	40.58 4.04 -2.85	47.29 5.29 -1.88	45.14 4.96 -2.06	39.48 4.23 0.00	40.14 4.30 0.00	38.74 3.87 0.00	37.68 3.64 0.00	37.71 3.74 0.00	38.72 3.74 0.00	40.24 3.89 0.00	47.55 5.84 0.00	59.91 7.66 -1.17	54.64 7.02 -0.85	52.57 6.37 -2.25	50.35 5.51 -4.36	43.98 4.47 0.00	41.07 4.10 0.00	39.65 3.70 0.00
TILDEN___115KV_TB1 80814	27.81 -0.39 0.00	26.17 -0.40 0.00	25.26 -0.38 0.00	24.69 -0.40 0.00	24.93 -0.41 0.00	26.91 -0.38 0.00	33.25 -0.44 0.00	39.59 -0.52 0.00	37.63 -0.50 0.00	34.75 -0.49 0.00	35.37 -0.47 0.00	34.42 -0.45 0.00	33.60 -0.44 0.00	33.53 -0.44 0.00	34.52 -0.45 0.00	35.88 -0.47 0.00	41.25 -0.46 0.00	50.92 -0.15 0.00	46.54 -0.23 0.00	43.60 -0.35 0.00	40.00 -0.49 0.00	39.04 -0.47 0.00	36.49 -0.48 0.00	35.48 -0.47 0.00
TRIGEN___CC 323695	32.92 1.95 -2.77	30.90 1.78 -2.55	29.51 1.72 -2.14	29.21 1.73 -2.38	30.03 1.75 -2.95	33.08 1.91 -3.87	38.93 2.39 -2.85	45.24 3.25 -1.88	43.27 3.09 -2.06	37.99 2.75 0.00	38.63 2.80 0.00	37.38 2.51 0.00	36.43 2.38 0.00	36.39 2.41 0.00	37.39 2.41 0.00	38.78 2.44 0.00	45.25 3.55 0.00	57.15 4.90 -1.17	52.11 4.49 -0.85	50.07 3.87 -2.25	48.00 3.16 -4.36	42.32 2.81 0.00	39.41 2.44 0.00	38.06 2.12 0.00
TRINITY___115KV___4 BK 55933	28.77 0.56 0.00	27.12 0.56 0.00	26.26 0.62 0.00	25.72 0.63 0.00	25.94 0.61 0.00	27.90 0.60 0.00	34.43 0.74 0.00	40.95 0.84 0.00	39.00 0.88 0.00	36.02 0.78 0.00	36.66 0.82 0.00	35.67 0.80 0.00	34.79 0.75 0.00	34.69 0.71 0.00	35.75 0.77 0.00	37.11 0.76 0.00	42.67 0.96 0.00	52.51 1.43 0.00	48.17 1.40 0.00	45.05 1.10 0.00	41.50 1.01 0.00	40.46 0.95 0.00	37.74 0.78 0.00	36.81 0.86 0.00
UNION___PROCESSING_DRP 323587	27.10 -1.10 0.00	25.42 -1.14 0.00	24.55 -1.10 0.00	23.84 -1.25 0.00	24.09 -1.24 0.00	26.15 -1.15 0.00	32.17 -1.52 0.00	38.11 -2.01 0.00	36.14 -1.98 0.00	33.41 -1.83 0.00	34.01 -1.83 0.00	33.13 -1.74 0.00	32.41 -1.63 0.00	32.41 -1.56 0.00	33.30 -1.68 0.00	34.57 -1.78 0.00	39.70 -2.00 0.00	49.39 -1.69 0.00	44.95 -1.82 0.00	42.06 -1.89 0.00	38.38 -2.11 0.00	37.50 -2.02 0.00	35.16 -1.81 0.00	34.40 -1.55 0.00
UPPER HUDSON___HYD 24058	29.78 1.58 0.00	28.08 1.51 0.00	27.11 1.46 0.00	26.52 1.43 0.00	26.78 1.44 0.00	28.90 1.61 0.00	35.95 2.26 0.00	42.68 2.57 0.00	40.64 2.52 0.00	37.50 2.26 0.00	38.06 2.22 0.00	37.10 2.23 0.00	36.02 1.97 0.00	35.88 1.90 0.00	37.04 2.06 0.00	38.57 2.22 0.00	44.58 2.88 0.00	55.06 3.99 0.00	50.74 3.97 0.00	47.38 3.43 0.00	43.68 3.20 0.00	42.60 3.08 0.00	39.59 2.62 0.00	38.50 2.55 0.00
UPPER RAQUET___HYD 24056	27.83 -0.37 0.00	26.25 -0.32 0.00	25.29 -0.36 0.00	24.74 -0.35 0.00	25.01 -0.33 0.00	26.83 -0.46 0.00	33.18 -0.50 0.00	39.23 -0.88 0.00	37.44 -0.69 0.00	34.82 -0.42 0.00	35.30 -0.54 0.00	34.28 -0.59 0.00	33.53 -0.51 0.00	33.43 -0.54 0.00	34.45 -0.52 0.00	35.95 -0.40 0.00	40.75 -0.96 0.00	49.39 -1.68 0.00	45.37 -1.40 0.00	42.90 -1.06 0.00	39.76 -0.73 0.00	38.81 -0.71 0.00	36.56 -0.41 0.00	35.44 -0.50 0.00
VALLEY44_115KV_TB2 355964	27.61 -0.59 0.00	25.85 -0.72 0.00	24.96 -0.69 0.00	24.24 -0.85 0.00	24.55 -0.79 0.00	26.67 -0.63 0.00	32.58 -1.11 0.00	38.27 -1.85 0.00	35.88 -2.25 0.00	33.13 -2.11 0.00	33.80 -2.04 0.00	33.02 -1.85 0.00	32.34 -1.70 0.00	32.31 -1.66 0.00	33.16 -1.82 0.00	34.31 -2.04 0.00	39.45 -2.25 0.00	49.44 -1.63 0.00	44.85 -1.92 0.00	41.76 -2.20 0.00	38.14 -2.35 0.00	37.38 -2.13 0.00	35.08 -1.89 0.00	34.69 -1.26 0.00
VALLEY___115KV_TB 1-4 80826	28.79 0.59 0.00	27.12 0.56 0.00	26.19 0.54 0.00	25.62 0.53 0.00	25.84 0.51 0.00	27.87 0.57 0.00	34.40 0.71 0.00	41.03 0.92 0.00	38.96 0.84 0.00	35.99 0.74 0.00	36.56 0.72 0.00	35.57 0.70 0.00	34.69 0.65 0.00	34.62 0.65 0.00	35.68 0.70 0.00	37.07 0.73 0.00	42.67 0.96 0.00	52.41 1.33 0.00	47.99 1.22 0.00	45.05 1.10 0.00	41.37 0.89 0.00	40.50 0.99 0.00	37.82 0.85 0.00	36.77 0.83 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	29.78 1.58 0.00	28.08 1.51 0.00	27.09 1.44 0.00	26.50 1.41 0.00	26.73 1.39 0.00	28.91 1.61 0.00	35.88 2.19 0.00	42.92 2.81 0.00	40.79 2.67 0.00	37.78 2.54 0.00	38.38 2.54 0.00	37.28 2.41 0.00	36.36 2.31 0.00	36.32 2.34 0.00	37.43 2.45 0.00	38.89 2.54 0.00	44.75 3.04 0.00	55.27 4.19 0.00	50.65 3.88 0.00	47.47 3.52 0.00	43.44 2.96 0.00	42.44 2.92 0.00	39.48 2.51 0.00	38.35 2.41 0.00

VISCHER___FERRY HYD 24020	29.33 1.13 0.00	27.63 1.06 0.00	26.70 1.05 0.00	26.12 1.03 0.00	26.35 1.01 0.00	28.39 1.09 0.00	35.10 1.41 0.00	41.80 1.68 0.00	39.76 1.64 0.00	36.69 1.45 0.00	37.34 1.50 0.00	36.37 1.50 0.00	35.44 1.40 0.00	35.33 1.36 0.00	36.41 1.43 0.00	37.84 1.49 0.00	43.58 1.88 0.00	53.63 2.55 0.00	49.25 2.48 0.00	46.06 2.11 0.00	42.39 1.90 0.00	41.33 1.82 0.00	38.48 1.52 0.00	37.49 1.54 0.00
V_A_10_SYNC_DSASP 323832	26.40 -1.81 0.00	24.73 -1.83 0.00	23.90 -1.75 0.00	23.21 -1.88 0.00	23.46 -1.87 0.00	25.49 -1.80 0.00	31.10 -2.59 0.00	36.58 -3.53 0.00	34.50 -3.62 0.00	32.07 -3.17 0.00	32.54 -3.30 0.00	31.77 -3.10 0.00	31.05 -3.00 0.00	31.02 -2.96 0.00	31.86 -3.11 0.00	33.00 -3.34 0.00	37.83 -3.88 0.00	47.15 -3.93 0.00	42.75 -4.02 0.00	40.04 -3.91 0.00	36.60 -3.89 0.00	35.80 -3.72 0.00	34.08 -2.88 0.00	33.64 -2.30 0.00
V_CMM_10_SYNC_DSASP 323787	28.26 0.06 0.00	26.65 0.08 0.00	25.70 0.05 0.00	25.14 0.05 0.00	25.39 0.05 0.00	27.29 0.00 0.00	33.69 0.00 0.00	39.95 -0.16 0.00	38.01 -0.11 0.00	35.24 0.00 0.00	35.80 -0.04 0.00	34.80 -0.07 0.00	34.01 -0.03 0.00	33.91 -0.07 0.00	34.91 -0.07 0.00	36.35 0.00 0.00	41.42 -0.29 0.00	50.16 -0.92 0.00	45.98 -0.80 0.00	43.47 -0.48 0.00	40.32 -0.16 0.00	39.36 -0.16 0.00	36.97 0.00 0.00	35.91 -0.04 0.00
V_CMP_10_SYNC_DSASP 323788	29.47 1.27 0.00	27.79 1.22 0.00	26.73 1.08 0.00	26.15 1.05 0.00	26.42 1.09 0.00	27.98 0.68 0.00	34.50 0.81 0.00	40.23 0.12 0.00	37.97 -0.15 0.00	35.77 0.53 0.00	36.12 0.29 0.00	34.98 0.10 0.00	34.14 0.10 0.00	34.01 0.03 0.00	34.98 0.00 0.00	36.49 0.15 0.00	40.91 -0.79 0.00	49.65 -1.43 0.00	45.74 -1.03 0.00	43.25 -0.70 0.00	40.20 -0.28 0.00	39.36 -0.16 0.00	37.63 0.67 0.00	36.52 0.57 0.00
V_D_10_SYNC_DSASP 323841	28.45 0.25 0.00	26.80 0.24 0.00	25.85 0.20 0.00	25.29 0.20 0.00	25.56 0.23 0.00	27.46 0.16 0.00	33.89 0.20 0.00	40.11 0.00 0.00	38.24 0.11 0.00	35.49 0.25 0.00	36.06 0.22 0.00	35.05 0.18 0.00	34.21 0.17 0.00	34.15 0.17 0.00	35.15 0.18 0.00	36.60 0.26 0.00	41.58 -0.12 0.00	50.36 -0.72 0.00	46.21 -0.56 0.00	43.69 -0.26 0.00	40.48 0.00 0.00	39.55 0.04 0.00	37.26 0.29 0.00	36.16 0.22 0.00
V_E_10_SYNC_DSASP 323830	30.46 2.26 0.00	28.77 2.20 0.00	27.73 2.08 0.00	27.08 1.98 0.00	27.29 1.95 0.00	29.67 2.37 0.00	37.06 3.37 0.00	44.32 4.21 0.00	41.97 3.85 0.00	38.77 3.52 0.00	39.13 3.30 0.00	38.04 3.17 0.00	37.11 3.07 0.00	37.03 3.06 0.00	38.19 3.22 0.00	39.87 3.52 0.00	46.21 4.51 0.00	57.67 6.59 0.00	52.76 5.99 0.00	49.54 5.58 0.00	45.10 4.61 0.00	44.06 4.54 0.00	40.96 3.99 0.00	39.79 3.85 0.00
V_F_30_NSYNC___DSASP 323816	29.70 1.49 0.00	27.97 1.41 0.00	27.03 1.38 0.00	26.45 1.35 0.00	26.68 1.34 0.00	28.77 1.47 0.00	35.68 1.99 0.00	42.40 2.29 0.00	40.37 2.25 0.00	37.25 2.01 0.00	37.84 2.01 0.00	36.89 2.02 0.00	35.88 1.84 0.00	35.77 1.80 0.00	36.87 1.89 0.00	38.35 2.00 0.00	44.25 2.54 0.00	54.55 3.48 0.00	50.14 3.37 0.00	46.90 2.95 0.00	43.20 2.71 0.00	42.16 2.65 0.00	39.22 2.26 0.00	38.17 2.23 0.00
V_F_30_SYNC_DSASP 323786	28.85 0.65 0.00	27.20 0.64 0.00	26.34 0.69 0.00	25.80 0.70 0.00	26.02 0.68 0.00	27.98 0.68 0.00	34.56 0.88 0.00	41.11 1.00 0.00	39.12 0.99 0.00	36.16 0.92 0.00	36.77 0.93 0.00	35.81 0.94 0.00	34.89 0.85 0.00	34.82 0.85 0.00	35.85 0.87 0.00	37.22 0.87 0.00	42.83 1.13 0.00	52.71 1.63 0.00	48.36 1.59 0.00	45.27 1.32 0.00	41.66 1.17 0.00	40.66 1.15 0.00	37.89 0.92 0.00	36.95 1.01 0.00
V_XM_10_SYNC_DSASP 323789	29.47 1.27 0.00	27.79 1.22 0.00	26.73 1.08 0.00	26.15 1.05 0.00	26.42 1.09 0.00	27.98 0.68 0.00	34.50 0.81 0.00	40.23 0.12 0.00	37.97 -0.15 0.00	35.77 0.53 0.00	36.12 0.29 0.00	34.98 0.10 0.00	34.14 0.10 0.00	34.01 0.03 0.00	34.98 0.00 0.00	36.49 0.15 0.00	40.91 -0.79 0.00	49.65 -1.43 0.00	45.74 -1.03 0.00	43.25 -0.70 0.00	40.20 -0.28 0.00	39.36 -0.16 0.00	37.63 0.67 0.00	36.52 0.57 0.00
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	29.70 1.49 0.00	27.92 1.35 0.00	26.96 1.31 0.00	26.37 1.28 0.00	26.63 1.29 0.00	28.71 1.42 0.00	35.51 1.82 0.00	42.60 2.49 0.00	40.49 2.36 0.00	37.36 2.11 0.00	37.95 2.11 0.00	36.89 2.02 0.00	36.02 1.97 0.00	35.98 2.00 0.00	37.01 2.03 0.00	38.42 2.07 0.00	44.46 2.75 0.00	54.91 3.83 0.00	50.28 3.51 0.00	46.90 2.94 0.00	42.83 2.35 0.00	41.69 2.17 0.00	38.89 1.92 0.00	37.63 1.69 0.00
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	29.81 1.61 0.00	28.03 1.46 0.00	27.06 1.41 0.00	26.55 1.46 0.00	26.80 1.47 0.00	28.88 1.58 0.00	35.71 2.02 0.00	42.96 2.85 0.00	40.87 2.74 0.00	37.75 2.50 0.00	38.38 2.54 0.00	37.31 2.44 0.00	36.43 2.38 0.00	36.39 2.41 0.00	37.47 2.48 -0.01	38.82 2.47 0.00	44.97 3.25 -0.01	55.48 4.39 -0.01	50.80 4.02 -0.01	47.38 3.43 0.00	43.16 2.67 0.00	42.00 2.49 0.00	39.22 2.26 0.00	37.92 1.98 0.00
W50THST__13_KV_LOAD 356117	29.92 1.72 0.00	28.11 1.54 0.00	27.16 1.51 0.00	26.63 1.53 0.00	26.88 1.55 0.00	28.99 1.69 0.00	35.84 2.16 0.00	43.16 3.05 0.00	41.06 2.94 0.00	37.96 2.71 0.00	38.56 2.72 0.00	37.49 2.62 0.00	36.60 2.55 0.00	36.56 2.58 0.00	37.65 2.66 -0.01	39.00 2.65 0.00	45.18 3.46 -0.01	55.79 4.70 -0.01	51.04 4.26 -0.01	47.60 3.65 0.00	43.32 2.83 0.00	42.16 2.65 0.00	39.37 2.40 0.00	38.06 2.12 0.00
WADING RIVER_IC_1 23522	33.93 2.96 -2.77	31.80 2.68 -2.55	30.36 2.56 -2.14	30.04 2.56 -2.38	30.92 2.63 -2.95	34.15 2.98 -3.88	40.41 3.87 -2.85	46.96 4.97 -1.88	44.95 4.77 -2.06	39.16 3.91 0.00	39.78 3.94 0.00	38.29 3.42 0.00	37.28 3.24 0.00	37.31 3.33 0.00	38.27 3.29 0.00	39.80 3.45 0.00	46.92 5.21 0.00	59.14 6.89 -1.17	53.94 6.31 -0.85	52.05 5.85 -2.25	49.95 5.10 -4.36	43.31 3.79 0.00	39.93 2.96 0.00	38.96 3.02 0.00
WADING RIVER_IC_2 23547	33.93 2.96 -2.77	31.80 2.68 -2.55	30.36 2.56 -2.14	30.04 2.56 -2.38	30.92 2.63 -2.95	34.15 2.98 -3.88	40.41 3.87 -2.85	46.96 4.97 -1.88	44.95 4.77 -2.06	39.16 3.91 0.00	39.78 3.94 0.00	38.29 3.42 0.00	37.28 3.24 0.00	37.31 3.33 0.00	38.27 3.29 0.00	39.80 3.45 0.00	46.92 5.21 0.00	59.14 6.89 -1.17	53.94 6.31 -0.85	52.05 5.85 -2.25	49.95 5.10 -4.36	43.31 3.79 0.00	39.93 2.96 0.00	38.96 3.02 0.00
WADING RIVER_IC_3 23601	33.93 2.96 -2.77	31.80 2.68 -2.55	30.36 2.56 -2.14	30.04 2.56 -2.38	30.92 2.63 -2.95	34.15 2.98 -3.88	40.41 3.87 -2.85	46.96 4.97 -1.88	44.95 4.77 -2.06	39.16 3.91 0.00	39.78 3.94 0.00	38.29 3.42 0.00	37.28 3.24 0.00	37.31 3.33 0.00	38.27 3.29 0.00	39.80 3.45 0.00	46.92 5.21 0.00	59.14 6.89 -1.17	53.94 6.31 -0.85	52.05 5.85 -2.25	49.95 5.10 -4.36	43.31 3.79 0.00	39.93 2.96 0.00	38.96 3.02 0.00

WALDENNY_12_KV_BK2 80841	26.96 -1.24 0.00	25.24 -1.33 0.00	24.37 -1.28 0.00	23.64 -1.46 0.00	23.92 -1.42 0.00	25.98 -1.31 0.00	31.67 -2.02 0.00	37.06 -3.05 0.00	34.96 -3.16 0.00	32.39 -2.85 0.00	32.97 -2.87 0.00	32.26 -2.62 0.00	31.59 -2.45 0.00	31.60 -2.38 0.00	32.42 -2.55 0.00	33.59 -2.76 0.00	38.62 -3.09 0.00	48.32 -2.76 0.00	43.87 -2.90 0.00	40.88 -3.08 0.00	37.33 -3.16 0.00	36.63 -2.88 0.00	34.38 -2.59 0.00	33.93 -2.01 0.00
WALDEN___HYDRO 24148	29.50 1.30 0.00	27.74 1.17 0.00	26.78 1.13 0.00	26.25 1.15 0.00	26.50 1.17 0.00	28.58 1.28 0.00	35.37 1.68 0.00	42.24 2.13 0.00	40.18 2.06 0.00	37.01 1.76 0.00	37.56 1.72 0.00	36.51 1.64 0.00	35.68 1.63 0.00	35.61 1.63 0.00	36.66 1.68 0.00	38.09 1.74 0.00	44.08 2.38 0.00	54.45 3.37 0.00	49.86 3.09 0.00	46.55 2.59 0.00	42.59 2.11 0.00	41.53 2.02 0.00	38.70 1.74 0.00	37.56 1.62 0.00
WARRENSBURG___ 23737	29.78 1.58 0.00	28.08 1.51 0.00	27.11 1.46 0.00	26.52 1.43 0.00	26.78 1.44 0.00	28.90 1.61 0.00	35.95 2.26 0.00	42.68 2.57 0.00	40.64 2.52 0.00	37.50 2.26 0.00	38.06 2.22 0.00	37.10 2.23 0.00	36.02 1.97 0.00	35.88 1.90 0.00	37.04 2.06 0.00	38.57 2.22 0.00	44.58 2.88 0.00	55.06 3.99 0.00	50.74 3.97 0.00	47.38 3.43 0.00	43.68 3.20 0.00	42.60 3.08 0.00	39.59 2.62 0.00	38.50 2.55 0.00
WATERSIDE___6 8 9 23538	30.01 1.80 -0.01	28.19 1.62 -0.01	27.22 1.56 -0.01	26.71 1.61 -0.01	26.96 1.62 -0.01	29.04 1.75 0.00	35.88 2.19 0.00	43.04 2.93 0.00	40.98 2.86 0.00	37.89 2.64 0.00	38.49 2.65 0.00	37.42 2.55 0.00	36.53 2.49 0.00	36.49 2.51 0.00	37.58 2.59 -0.02	35.70 2.65 3.30	45.10 3.38 -0.02	49.33 4.60 6.35	40.68 4.21 10.30	45.36 3.60 2.19	34.95 2.79 8.32	40.19 2.61 1.93	36.72 2.48 2.72	38.14 2.19 -0.01
WATKINRD_115KV_LN8_ILLION 55919	28.62 0.42 0.00	26.99 0.43 0.00	26.06 0.41 0.00	25.50 0.40 0.00	25.72 0.38 0.00	27.73 0.44 0.00	34.23 0.54 0.00	40.83 0.72 0.00	38.77 0.65 0.00	35.84 0.60 0.00	36.41 0.57 0.00	35.43 0.56 0.00	34.55 0.51 0.00	34.52 0.54 0.00	35.54 0.56 0.00	36.97 0.62 0.00	42.50 0.79 0.00	52.25 1.17 0.00	47.85 1.08 0.00	44.88 0.92 0.00	41.25 0.77 0.00	40.35 0.83 0.00	37.63 0.67 0.00	36.59 0.65 0.00
WATSON___69_KV_BK 1 55734	33.71 2.74 -2.77	31.61 2.50 -2.55	30.20 2.41 -2.14	29.89 2.41 -2.38	30.74 2.46 -2.95	33.90 2.73 -3.88	40.11 3.57 -2.85	46.64 4.65 -1.88	44.61 4.42 -2.06	39.02 3.77 0.00	39.67 3.83 0.00	38.32 3.45 0.00	37.31 3.27 0.00	37.30 3.33 0.00	38.34 3.36 0.00	39.76 3.42 0.00	46.88 5.17 0.00	59.19 6.95 -1.17	53.98 6.36 -0.85	51.82 5.63 -2.25	49.62 4.78 -4.36	43.62 4.11 0.00	40.63 3.66 0.00	39.14 3.20 0.00
WDELAWARE___HYD 323627	29.41 1.21 0.00	27.66 1.09 0.00	26.68 1.03 0.00	26.15 1.05 0.00	26.40 1.06 0.00	28.47 1.17 0.00	35.37 1.68 0.00	42.04 1.93 0.00	40.07 1.94 0.00	36.90 1.66 0.00	37.38 1.54 0.00	36.30 1.43 0.00	35.47 1.43 0.00	34.48 0.51 0.00	35.54 0.56 0.00	37.00 0.65 0.00	42.83 1.13 0.00	52.97 1.89 0.00	48.55 1.78 0.00	45.32 1.36 0.00	41.45 0.97 0.00	41.53 2.01 0.00	38.59 1.62 0.00	37.45 1.51 0.00
WEST BABYLON___IC 23714	33.51 2.54 -2.77	31.43 2.31 -2.55	30.02 2.23 -2.14	29.71 2.23 -2.38	30.57 2.28 -2.95	33.68 2.51 -3.88	39.74 3.20 -2.85	46.20 4.21 -1.88	44.19 4.00 -2.06	38.70 3.45 0.00	39.39 3.55 0.00	38.01 3.14 0.00	37.04 3.00 0.00	37.03 3.06 0.00	38.02 3.04 0.00	39.47 3.13 0.00	46.29 4.59 0.00	58.47 6.23 -1.17	53.33 5.71 -0.85	51.21 5.01 -2.25	49.01 4.17 -4.36	43.15 3.64 0.00	40.26 3.29 0.00	38.78 2.84 0.00
WEST CANADA___HYD 24049	28.34 0.14 0.00	26.70 0.13 0.00	25.78 0.13 0.00	25.22 0.13 0.00	25.46 0.13 0.00	27.46 0.16 0.00	33.89 0.20 0.00	40.39 0.28 0.00	38.39 0.27 0.00	35.46 0.21 0.00	36.06 0.22 0.00	35.08 0.21 0.00	34.25 0.21 0.00	34.18 0.21 0.00	35.22 0.25 0.00	36.60 0.26 0.00	42.08 0.37 0.00	51.64 0.56 0.00	47.33 0.56 0.00	44.39 0.44 0.00	40.81 0.32 0.00	39.83 0.31 0.00	37.19 0.22 0.00	36.16 0.22 0.00
WESTERN_NY_WIND 24143	27.10 -1.10 0.00	25.34 -1.22 0.00	24.47 -1.18 0.00	23.66 -1.43 0.00	23.97 -1.37 0.00	26.07 -1.23 0.00	31.97 -1.72 0.00	37.70 -2.41 0.00	35.69 -2.44 0.00	32.92 -2.33 0.00	33.55 -2.29 0.00	32.67 -2.20 0.00	32.00 -2.04 0.00	32.00 -1.97 0.00	32.88 -2.10 0.00	34.13 -2.22 0.00	39.33 -2.38 0.00	49.24 -1.84 0.00	44.67 -2.10 0.00	41.71 -2.24 0.00	37.97 -2.51 0.00	37.10 -2.41 0.00	34.86 -2.11 0.00	34.29 -1.65 0.00
WESTOVER___LESR 323668	28.26 0.06 0.00	26.59 0.03 0.00	25.65 0.00 0.00	25.04 -0.05 0.00	25.31 -0.03 0.00	27.38 0.08 0.00	33.76 0.07 0.00	40.11 0.00 0.00	38.01 -0.11 0.00	35.10 -0.14 0.00	35.73 -0.11 0.00	34.80 -0.07 0.00	33.97 -0.07 0.00	33.91 -0.07 0.00	34.91 -0.07 0.00	36.24 -0.11 0.00	41.66 -0.04 0.00	51.59 0.51 0.00	47.10 0.33 0.00	44.09 0.13 0.00	40.36 -0.12 0.00	39.44 -0.08 0.00	36.89 -0.07 0.00	36.02 0.07 0.00
WETHRSFD_WT_PWR 323626	27.19 -1.01 0.00	25.48 -1.09 0.00	24.60 -1.05 0.00	23.87 -1.23 0.00	24.12 -1.22 0.00	26.15 -1.15 0.00	31.90 -1.79 0.00	37.50 -2.61 0.00	35.27 -2.86 0.00	32.74 -2.50 0.00	33.26 -2.58 0.00	32.53 -2.34 0.00	31.79 -2.25 0.00	31.80 -2.18 0.00	32.67 -2.31 0.00	33.84 -2.51 0.00	38.91 -2.79 0.00	48.73 -2.35 0.00	44.24 -2.53 0.00	41.36 -2.59 0.00	37.81 -2.67 0.00	36.99 -2.53 0.00	35.19 -1.77 0.00	34.76 -1.19 0.00
WHAVSTOR_138KV_BK127 55557	29.67 1.47 0.00	27.89 1.33 0.00	26.93 1.28 0.00	26.30 1.20 0.00	26.55 1.22 0.00	28.61 1.31 0.00	35.37 1.68 0.00	42.48 2.37 0.00	40.37 2.25 0.00	37.22 1.97 0.00	37.88 2.04 0.00	36.82 1.95 0.00	35.95 1.91 0.00	35.88 1.90 0.00	36.94 1.96 0.00	38.31 1.96 0.00	44.29 2.59 0.00	54.71 3.63 0.00	50.10 3.32 0.00	46.72 2.77 0.00	42.71 2.23 0.00	41.53 2.02 0.00	38.78 1.81 0.00	37.53 1.58 0.00
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	29.67 1.47 0.00	27.89 1.33 0.00	26.93 1.28 0.00	26.30 1.20 0.00	26.55 1.22 0.00	28.61 1.31 0.00	35.37 1.68 0.00	42.48 2.37 0.00	40.37 2.25 0.00	37.22 1.97 0.00	37.88 2.04 0.00	36.82 1.95 0.00	35.95 1.91 0.00	35.88 1.90 0.00	36.94 1.96 0.00	38.31 1.96 0.00	44.29 2.59 0.00	54.71 3.63 0.00	50.10 3.32 0.00	46.72 2.77 0.00	42.71 2.23 0.00	41.53 2.02 0.00	38.78 1.81 0.00	37.53 1.58 0.00
WHITEHAL_115KV_TB1 80871	30.29 2.09 0.00	28.53 1.97 0.00	27.57 1.92 0.00	26.98 1.88 0.00	27.24 1.90 0.00	29.40 2.10 0.00	36.69 3.00 0.00	43.52 3.41 0.00	41.44 3.32 0.00	38.21 2.96 0.00	38.74 2.90 0.00	37.80 2.93 0.00	36.63 2.59 0.00	36.49 2.51 0.00	37.71 2.73 0.00	39.29 2.94 0.00	45.46 3.75 0.00	56.24 5.16 0.00	51.92 5.14 0.00	48.48 4.53 0.00	44.69 4.21 0.00	43.62 4.11 0.00	40.48 3.51 0.00	39.36 3.41 0.00

WHITEPLN_13_KV_LOAD 356215	29.89 1.69 0.00	28.11 1.54 0.00	27.16 1.51 0.00	26.63 1.53 0.00	26.88 1.55 0.00	28.96 1.66 0.00	35.95 2.26 0.00	43.24 3.13 0.00	41.17 3.05 0.00	38.03 2.78 0.00	38.63 2.80 0.00	37.59 2.72 0.00	36.70 2.66 0.00	36.62 2.65 0.00	37.67 2.69 0.00	39.07 2.73 0.00	45.25 3.55 0.00	55.94 4.85 -0.01	51.22 4.44 -0.01	47.73 3.78 0.00	43.60 3.12 0.00	42.36 2.85 0.00	39.59 2.62 0.00	38.17 2.23 0.00
WM_FLOYD_69_KV_BK2 356380	33.71 2.74 -2.77	31.61 2.50 -2.55	30.18 2.39 -2.14	29.86 2.38 -2.38	30.72 2.43 -2.95	33.90 2.73 -3.88	40.14 3.60 -2.85	46.72 4.73 -1.88	44.65 4.46 -2.06	39.02 3.77 0.00	39.67 3.83 0.00	38.29 3.42 0.00	37.28 3.23 0.00	37.30 3.33 0.00	38.30 3.32 0.00	39.76 3.42 0.00	46.92 5.21 0.00	59.19 6.95 -1.17	53.98 6.36 -0.85	51.87 5.67 -2.25	49.74 4.90 -4.36	43.51 3.99 0.00	40.63 3.66 0.00	39.18 3.23 0.00
WOODARD__115KV_TB2 355635	27.58 -0.62 0.00	25.98 -0.58 0.00	25.09 -0.56 0.00	24.52 -0.58 0.00	24.75 -0.58 0.00	26.72 -0.57 0.00	32.98 -0.71 0.00	39.27 -0.84 0.00	37.32 -0.80 0.00	34.47 -0.78 0.00	35.09 -0.75 0.00	34.17 -0.70 0.00	33.36 -0.68 0.00	33.26 -0.71 0.00	34.24 -0.73 0.00	35.58 -0.76 0.00	40.91 -0.79 0.00	50.46 -0.61 0.00	46.12 -0.65 0.00	43.25 -0.70 0.00	39.67 -0.81 0.00	38.73 -0.79 0.00	36.19 -0.78 0.00	35.19 -0.75 0.00
YORK___WARBASSE 23770	30.10 1.89 -0.01	28.27 1.70 -0.01	27.30 1.64 -0.01	26.76 1.66 -0.01	27.02 1.67 -0.01	29.10 1.80 0.00	35.98 2.29 0.00	43.16 3.05 0.00	41.14 3.01 0.00	38.03 2.78 0.00	38.63 2.80 0.00	37.56 2.69 0.00	36.66 2.62 0.00	36.62 2.65 0.00	37.76 2.76 -0.02	62.29 2.84 -23.11	45.27 3.55 -0.02	100.48 4.85 -44.55	123.45 4.44 -72.24	63.13 3.82 -15.36	101.76 3.00 -58.28	55.86 2.81 -13.54	58.76 2.66 -19.13	38.32 2.37 -0.01