

# Day Ahead Market Generator LBMP

--- LBMP \$		--- Marginal Cost of Losses																			--- Marginal Cost of Congestion				06/11/2025		
Generator Data																											
Name	PTID	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		
59TH STREET_GT_1 24138	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT		
	29.00	26.21	23.47	23.00	22.74	25.05	29.45	32.78	32.41	31.02	32.13	36.20	37.32	38.32	38.95	41.21	48.19	61.82	64.57	56.68	48.78	44.18	37.42	32.86			
	2.10	1.92	1.64	1.66	1.66	1.73	2.13	2.62	2.89	2.64	2.82	2.88	2.92	3.01	3.04	3.23	3.85	4.78	4.97	5.03	4.23	3.57	3.18	2.69			
74TH STREET_GT_1 24260	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-3.66	-3.19	-6.94	-7.58	-8.24	-8.99	-8.61	-9.06	-11.94	-10.40	-1.84	0.00	0.00	0.00	0.00		
	29.08	26.26	23.51	23.05	22.76	25.07	29.48	32.78	32.41	31.07	32.44	36.79	37.68	38.55	39.51	41.54	48.15	61.76	64.56	56.63	48.83	44.26	37.49	32.92			
	2.18	1.97	1.68	1.71	1.69	1.75	2.16	2.62	2.89	2.57	2.74	2.80	2.84	2.95	2.99	3.14	3.81	4.74	4.97	4.98	4.28	3.65	3.25	2.75			
74TH STREET_GT_2 24261	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-3.78	-3.58	-7.61	-8.03	-8.52	-9.60	-9.03	-9.04	-11.92	-10.39	-1.84	0.00	0.00	0.00	0.00		
	29.08	26.26	23.51	23.05	22.76	25.07	29.48	32.78	32.41	31.07	32.44	36.79	37.68	38.55	39.51	41.54	48.15	61.76	64.56	56.63	48.83	44.26	37.49	32.92			
	2.18	1.97	1.68	1.71	1.69	1.75	2.16	2.62	2.89	2.57	2.74	2.80	2.84	2.95	2.99	3.14	3.81	4.74	4.97	4.98	4.28	3.65	3.25	2.75			
ADK HUDSON___FALLS 24011	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-3.78	-3.58	-7.61	-8.03	-8.52	-9.60	-9.03	-9.04	-11.92	-10.39	-1.84	0.00	0.00	0.00	0.00		
	28.92	26.09	23.34	22.77	22.51	24.95	29.10	32.05	31.35	25.77	27.47	27.46	27.57	27.78	27.77	30.31	35.73	45.57	50.52	52.23	47.40	43.12	36.29	31.81			
	2.02	1.80	1.51	1.43	1.43	1.63	1.78	1.90	1.83	1.43	1.54	1.58	1.45	1.54	1.62	1.76	1.52	1.89	2.56	2.64	2.85	2.52	2.05	1.63			
ADK RESOURCE___RCVRY 23798	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.37	0.19	0.50	0.69	0.84	0.77	0.82	1.08	1.42	1.24	0.22	0.00	0.00	0.00	0.00			
	29.08	26.21	23.45	22.88	22.59	25.09	29.67	32.59	31.94	26.19	27.95	28.04	28.04	28.29	28.33	30.91	36.24	46.27	51.41	53.08	48.29	43.85	36.83	32.23			
	2.18	1.92	1.62	1.54	1.52	1.77	2.35	2.44	2.42	1.83	1.96	2.06	1.85	2.00	2.07	2.29	2.01	2.57	3.44	3.49	3.74	3.25	2.60	2.05			
ADK S GLENS___FALLS 24028	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.35	0.13	0.40	0.61	0.79	0.67	0.75	1.07	1.40	1.23	0.22	0.00	0.00	0.00	0.00		
	28.92	26.09	23.34	22.77	22.51	24.95	29.10	32.05	31.35	25.77	27.47	27.46	27.57	27.78	27.77	30.31	35.73	45.57	50.52	52.23	47.40	43.12	36.29	31.81			
	2.02	1.80	1.51	1.43	1.43	1.63	1.78	1.90	1.83	1.43	1.54	1.58	1.45	1.54	1.62	1.76	1.52	1.89	2.56	2.64	2.85	2.52	2.05	1.63			
ADK_NYS___DAM 23527	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.47	0.24	0.63	0.86	1.05	0.96	1.03	1.35	1.78	1.55	0.27	0.00	0.00	0.00	0.00			
	28.51	25.80	23.16	22.66	22.36	24.65	28.77	31.72	31.05	25.61	27.34	27.28	27.53	27.73	27.82	30.28	36.27	46.25	50.60	52.42	47.36	43.24	36.36	32.02			
	1.61	1.51	1.33	1.32	1.29	1.33	1.45	1.57	1.53	1.36	1.46	1.53	1.58	1.71	1.86	1.94	2.33	2.93	2.95	2.89	2.81	2.64	2.12	1.84			
AIR_PRODUCTS___DRP 24190	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00			
	27.44	24.82	22.29	21.77	21.50	23.69	27.62	30.54	29.96	24.77	26.47	26.44	26.71	26.83	26.83	29.22	34.92	44.45	48.71	50.38	45.35	41.33	34.78	30.60			
	0.54	0.53	0.46	0.43	0.42	0.37	0.30	0.39	0.44	0.44	0.55	0.58	0.62	0.62	0.70	0.70	0.74	0.81	0.79	0.80	0.80	0.73	0.55	0.42			
AKWESSNE_115KV_BK 355683	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.39	0.20	0.52	0.71	0.87	0.80	0.85	1.11	1.47	1.28	0.23	0.00	0.00	0.00	0.00			
	26.15	23.68	21.29	20.85	20.55	22.81	26.72	29.67	28.87	24.17	25.41	25.64	26.08	26.35	26.11	28.46	34.16	43.84	47.68	48.21	43.13	39.38	33.24	29.24			
	-0.75	-0.61	-0.55	-0.49	-0.53	-0.51	-0.60	-0.48	-0.65	-0.54	-0.71	-0.74	-0.72	-0.73	-0.81	-0.91	-1.13	-1.26	-1.53	-1.59	-1.43	-1.22	-0.99	-0.94			
ALBANY_1_SOLAR 323833	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00			
	27.92	25.24	22.66	22.15	21.85	24.09	28.09	30.85	30.11	25.00	26.56	26.67	27.01	27.26	27.25	29.69	35.58	45.49	49.95	51.37	46.20	42.15	35.46	31.23			
	1.02	0.95	0.83	0.81	0.78	0.77	0.76	0.69	0.59	0.49	0.52	0.53	0.56	0.65	0.73	0.76	0.92	1.22	1.47	1.69	1.65	1.54	1.23	1.06			
ALBANY_2_SOLAR 323834	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.21	0.08	0.24	0.36	0.47	0.40	0.45	0.63	0.83	0.73	0.13	0.00	0.00	0.00	0.00			
	27.89	25.24	22.66	22.15	21.85	24.07	28.09	30.85	30.11	25.00	26.56	26.67	27.01	27.26	27.25	29.68	35.57	45.44	49.95	51.37	46.20	42.11	35.46	31.20			
	1.00	0.95	0.83	0.81	0.78	0.75	0.76	0.69	0.59	0.49	0.52	0.53	0.56	0.65	0.73	0.76	0.92	1.17	1.47	1.69	1.65	1.50	1.23	1.03			
ALBANY___1 23571	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.21	0.08	0.24	0.37	0.47	0.40	0.45	0.63	0.84	0.73	0.13	0.00	0.00	0.00	0.00			
	27.44	24.82	22.29	21.77	21.50	23.69	27.62	30.54	29.96	24.77	26.47	26.44	26.71	26.83	26.83	29.22	34.92	44.45	48.71	50.38	45.35	41.33	34.78	30.60			
	0.54	0.53	0.46	0.43	0.42	0.37	0.30	0.39	0.44	0.44	0.55	0.58	0.62	0.62	0.70	0.70	0.74	0.81	0.79	0.80	0.80	0.73	0.55	0.42			

ALBANY___2 23572	27.44 0.54 0.00	24.82 0.53 0.00	22.29 0.46 0.00	21.77 0.43 0.00	21.50 0.42 0.00	23.69 0.37 0.00	27.62 0.30 0.00	30.54 0.39 0.00	29.96 0.44 0.00	24.77 0.44 0.39	26.47 0.55 0.20	26.44 0.58 0.52	26.71 0.62 0.71	26.83 0.62 0.87	26.83 0.70 0.80	29.22 0.70 0.85	34.92 0.74 1.11	44.45 0.81 1.47	48.71 0.79 1.28	50.38 0.80 0.23	45.35 0.80 0.00	41.33 0.73 0.00	34.78 0.55 0.00	30.60 0.42 0.00
ALBANY___3 23573	27.44 0.54 0.00	24.82 0.53 0.00	22.29 0.46 0.00	21.77 0.43 0.00	21.50 0.42 0.00	23.69 0.37 0.00	27.62 0.30 0.00	30.54 0.39 0.00	29.96 0.44 0.00	24.77 0.44 0.39	26.47 0.55 0.20	26.44 0.58 0.52	26.71 0.62 0.71	26.83 0.62 0.87	26.83 0.70 0.80	29.22 0.70 0.85	34.92 0.74 1.11	44.45 0.81 1.47	48.71 0.79 1.28	50.38 0.80 0.23	45.35 0.80 0.00	41.33 0.73 0.00	34.78 0.55 0.00	30.60 0.42 0.00
ALBANY___4 23574	27.44 0.54 0.00	24.82 0.53 0.00	22.29 0.46 0.00	21.77 0.43 0.00	21.50 0.42 0.00	23.69 0.37 0.00	27.62 0.30 0.00	30.54 0.39 0.00	29.96 0.44 0.00	24.77 0.44 0.39	26.47 0.55 0.20	26.44 0.58 0.52	26.71 0.62 0.71	26.83 0.62 0.87	26.83 0.70 0.80	29.22 0.70 0.85	34.92 0.74 1.11	44.45 0.81 1.47	48.71 0.79 1.28	50.38 0.80 0.23	45.35 0.80 0.00	41.33 0.73 0.00	34.78 0.55 0.00	30.60 0.42 0.00
ALBANY___LFGE 323615	27.71 0.81 0.00	25.07 0.78 0.00	22.49 0.65 0.00	21.98 0.64 0.00	21.69 0.61 0.00	23.90 0.58 0.00	27.92 0.60 0.00	30.81 0.66 0.00	30.20 0.68 0.00	24.95 0.62 0.39	26.62 0.71 0.20	26.60 0.74 0.52	26.88 0.78 0.71	27.10 0.89 0.87	27.09 0.97 0.80	29.52 1.00 0.85	35.30 1.13 1.12	44.94 1.31 1.47	49.29 1.38 1.28	50.93 1.35 0.23	45.93 1.38 0.00	41.82 1.22 0.00	35.19 0.96 0.00	30.96 0.78 0.00
ALCOA_PA_115KV_PL-6C 55860	26.20 -0.70 0.00	23.76 -0.53 0.00	21.35 -0.48 0.00	20.91 -0.43 0.00	20.59 -0.48 0.00	22.88 -0.44 0.00	26.83 -0.49 0.00	29.79 -0.36 0.00	28.93 -0.59 0.00	24.22 -0.49 0.00	25.44 -0.68 0.00	25.67 -0.71 0.00	26.11 -0.70 0.00	26.37 -0.70 0.00	26.14 -0.78 0.00	28.49 -0.88 0.00	34.16 -1.13 0.00	43.88 -1.22 0.00	47.72 -1.48 0.00	48.26 -1.54 0.00	43.26 -1.29 0.00	39.51 -1.10 0.00	33.38 -0.86 0.00	29.33 -0.84 0.00
ALCOA_RYNLDS___DRP 24188	26.20 -0.70 0.00	23.76 -0.53 0.00	21.35 -0.48 0.00	20.91 -0.43 0.00	20.59 -0.48 0.00	22.88 -0.44 0.00	26.83 -0.49 0.00	29.79 -0.36 0.00	28.93 -0.59 0.00	24.22 -0.49 0.00	25.44 -0.68 0.00	25.67 -0.71 0.00	26.11 -0.70 0.00	26.37 -0.70 0.00	26.14 -0.78 0.00	28.49 -0.88 0.00	34.16 -1.13 0.00	43.88 -1.22 0.00	47.72 -1.48 0.00	48.26 -1.54 0.00	43.26 -1.29 0.00	39.51 -1.10 0.00	33.38 -0.86 0.00	29.33 -0.84 0.00
ALCOA___DSASP 323711	26.20 -0.70 0.00	23.76 -0.53 0.00	21.35 -0.48 0.00	20.91 -0.43 0.00	20.59 -0.48 0.00	22.88 -0.44 0.00	26.86 -0.46 0.00	29.79 -0.36 0.00	28.93 -0.59 0.00	24.19 -0.52 0.00	25.44 -0.68 0.00	25.64 -0.74 0.00	26.09 -0.72 0.00	26.37 -0.70 0.00	26.14 -0.78 0.00	28.49 -0.88 0.00	34.16 -1.13 0.00	43.89 -1.22 0.00	47.73 -1.47 0.00	48.26 -1.54 0.00	43.26 -1.29 0.00	39.51 -1.09 0.00	33.38 -0.85 0.00	29.30 -0.88 0.00
ALLEGHENY___COGEN 23514	27.44 0.54 0.00	24.63 0.34 0.00	22.22 0.39 0.00	21.55 0.21 0.00	21.41 0.34 0.00	23.74 0.42 0.00	27.79 0.46 0.00	30.18 0.03 0.00	29.14 -0.38 0.00	23.99 -0.81 -0.09	37.15 -0.86 -11.90	31.19 -1.77 -6.57	38.21 -1.80 -13.19	39.42 -1.79 -14.13	39.36 -1.64 -14.08	42.87 -1.64 -15.14	51.10 -1.94 -17.75	65.08 -2.03 -22.01	71.76 -1.28 -23.84	57.75 -0.65 -8.59	44.33 -0.22 0.00	40.32 -0.28 0.00	35.23 0.99 0.00	31.57 1.39 0.00
ALTAMONT_115KV_TB 2 55880	27.73 0.83 0.00	25.09 0.80 0.00	22.53 0.70 0.00	22.02 0.68 0.00	21.75 0.67 0.00	23.97 0.65 0.00	28.00 0.68 0.00	30.94 0.78 0.00	30.35 0.83 0.00	25.06 0.72 0.37	26.71 0.78 0.19	26.70 0.82 0.50	26.96 0.83 0.68	27.13 0.89 0.84	27.07 0.92 0.77	29.52 0.97 0.82	35.35 1.13 1.07	45.08 1.40 1.42	49.44 1.48 1.23	51.08 1.49 0.22	45.98 1.43 0.00	41.86 1.26 0.00	35.29 1.06 0.00	31.05 0.88 0.00
ALTONA_WT_PWR 323606	25.90 -0.99 0.00	23.49 -0.80 0.00	21.13 -0.70 0.00	20.72 -0.62 0.00	20.44 -0.63 0.00	22.71 -0.61 0.00	26.64 -0.68 0.00	29.55 -0.60 0.00	28.75 -0.77 0.00	24.02 -0.69 0.00	25.23 -0.89 0.00	25.46 -0.92 0.00	25.87 -0.94 0.00	26.10 -0.97 0.00	25.84 -1.08 0.00	28.14 -1.23 0.00	33.77 -1.52 0.00	43.34 -1.76 0.00	47.14 -2.06 0.00	47.62 -2.19 0.00	42.50 -2.05 0.00	38.65 -1.95 0.00	32.52 -1.71 0.00	28.58 -1.60 0.00
AMERICAN_REF_FUEL 24010	25.66 -1.24 0.00	22.81 -1.48 0.00	20.72 -1.11 0.00	20.04 -1.30 0.00	19.91 -1.16 0.00	22.15 -1.17 0.00	25.83 -1.50 -0.01	27.99 -2.17 -0.01	27.64 -1.89 -0.01	22.95 -1.85 -0.09	21.93 -1.78 2.42	23.19 -1.95 1.24	22.27 -1.98 2.55	22.43 -1.95 2.70	22.20 -1.99 2.73	24.33 -2.11 2.92	29.23 -2.68 3.38	37.10 -3.83 4.17	41.06 -3.54 4.59	44.51 -3.59 1.72	41.53 -3.03 -0.01	37.77 -2.84 -0.01	32.50 -1.74 -0.01	29.64 -0.54 -0.01
ARKWRIGHT___SUMMIT_WT_PWR 323751	26.36 -0.54 0.00	23.37 -0.92 0.00	21.22 -0.61 0.00	20.59 -0.75 0.00	20.46 -0.61 0.00	22.83 -0.49 0.00	26.78 -0.55 0.00	29.10 -1.06 0.00	28.84 -0.68 0.00	23.87 -0.94 -0.09	23.69 -1.20 1.22	24.35 -1.45 0.58	24.00 -1.58 1.23	24.20 -1.60 1.28	24.00 -1.61 1.31	26.24 -1.73 1.40	31.59 -2.12 1.59	39.95 -3.20 1.95	44.16 -2.85 2.19	45.97 -2.99 0.85	42.41 -2.14 0.00	38.57 -2.03 0.00	33.03 -1.20 0.00	30.09 -0.09 0.00
ARTHUR KILL_GT_1 23520	29.19 2.29 -0.01	26.34 2.04 -0.01	23.56 1.72 -0.01	23.05 1.71 -0.01	22.79 1.71 -0.01	25.00 1.68 0.00	29.32 1.99 0.00	32.53 2.38 0.00	32.15 2.63 0.00	30.74 2.27 -3.75	31.98 2.40 -3.46	36.25 2.48 -7.39	37.21 2.52 -7.88	38.11 2.60 -8.43	38.83 2.61 -9.30	40.92 2.73 -8.82	47.68 3.35 -9.04	61.17 4.15 -11.91	63.91 4.33 -10.38	55.97 4.33 -1.83	48.15 3.61 0.01	43.72 3.13 0.01	37.49 3.25 0.00	32.95 2.78 0.00
ARTHUR_KILL_2 23512	29.11 2.21 -0.01	26.26 1.97 -0.01	23.50 1.66 -0.01	23.01 1.67 -0.01	22.73 1.64 -0.01	24.95 1.63 0.00	29.26 1.94 0.00	32.41 2.26 0.00	31.91 2.39 0.00	30.76 2.30 -3.75	31.85 2.27 -3.46	36.09 2.32 -7.39	37.05 2.36 -7.88	38.03 2.52 -8.43	38.75 2.53 -9.30	40.80 2.61 -8.82	47.54 3.21 -9.04	60.99 3.97 -11.91	63.72 4.13 -10.38	55.77 4.13 -1.83	47.97 3.43 0.01	43.56 2.96 0.01	37.38 3.15 0.00	32.89 2.72 0.00
ARTHUR_KILL_3 23513	28.81 1.91 0.00	26.01 1.72 0.00	23.29 1.46 0.00	22.85 1.52 0.00	22.57 1.50 0.00	24.86 1.54 0.00	29.23 1.91 0.00	32.51 2.35 0.00	32.03 2.51 0.00	30.78 2.32 -3.74	32.08 2.51 -3.45	36.32 2.56 -7.38	37.29 2.60 -7.88	38.24 2.73 -8.43	38.98 2.75 -9.31	41.05 2.85 -8.83	47.76 3.42 -9.05	61.27 4.24 -11.93	63.97 4.38 -10.40	56.13 4.48 -1.84	48.29 3.74 0.00	43.77 3.17 0.00	37.14 2.91 0.00	32.65 2.48 0.00

ARTHUR_KILL_COGEN 323718	29.19 2.29 -0.01	26.34 2.04 -0.01	23.56 1.72 -0.01	23.07 1.73 -0.01	22.79 1.71 -0.01	25.00 1.68 0.00	29.34 2.02 0.00	32.51 2.35 0.00	32.00 2.48 0.00	30.83 2.37 -3.75	31.93 2.35 -3.46	36.20 2.43 -7.39	37.13 2.44 -7.88	38.11 2.60 -8.43	38.83 2.61 -9.30	40.92 2.73 -8.82	47.68 3.35 -9.04	61.21 4.20 -11.91	63.91 4.33 -10.38	55.97 4.33 -1.83	48.15 3.61 0.01	43.68 3.08 0.01	37.52 3.29 0.00	32.98 2.81 0.00
ASHOKAN____ 23654	28.59 1.70 0.00	25.85 1.56 0.00	23.07 1.24 0.00	22.62 1.28 0.00	22.32 1.24 0.00	24.63 1.31 0.00	28.91 1.58 0.00	31.90 1.75 0.00	31.11 1.59 0.00	26.92 1.68 -0.52	28.04 1.72 -0.20	28.79 1.82 -0.59	29.65 1.93 -0.91	30.39 2.14 -1.17	30.26 2.34 -0.99	33.07 2.59 -1.12	40.12 3.24 -1.59	51.66 4.47 -2.09	56.29 5.27 -1.82	55.46 5.33 -0.32	48.43 3.87 0.00	43.93 3.33 0.00	36.94 2.70 0.00	32.35 2.17 0.00
ASTORIA_EAST_ENERGY_CC1 323581	29.06 2.15 -0.01	26.24 1.94 -0.01	23.52 1.68 -0.01	23.12 1.77 -0.01	22.83 1.75 -0.01	24.98 1.66 0.00	29.26 1.94 0.00	32.38 2.23 0.01	31.90 2.39 0.01	30.82 2.37 -3.73	32.03 2.51 -3.40	36.24 2.56 -7.30	37.20 2.57 -7.82	38.20 2.73 -8.39	39.01 2.77 -9.31	41.05 2.85 -8.83	47.57 3.24 -9.04	60.99 3.97 -11.91	63.76 4.18 -10.38	55.87 4.23 -1.83	47.97 3.43 0.01	43.85 3.25 0.00	37.53 3.29 -0.01	32.99 2.81 -0.01
ASTORIA_EAST_ENERGY_CC2 323582	29.06 2.15 -0.01	26.24 1.94 -0.01	23.52 1.68 -0.01	23.12 1.77 -0.01	22.83 1.75 -0.01	24.98 1.66 0.00	29.26 1.94 0.00	32.38 2.23 0.01	31.90 2.39 0.01	30.82 2.37 -3.73	32.03 2.51 -3.40	36.24 2.56 -7.30	37.20 2.57 -7.82	38.20 2.73 -8.39	39.01 2.77 -9.31	41.05 2.85 -8.83	47.57 3.24 -9.04	60.99 3.97 -11.91	63.76 4.18 -10.38	55.87 4.23 -1.83	47.97 3.43 0.01	43.85 3.25 0.00	37.53 3.29 -0.01	32.99 2.81 -0.01
ASTORIA_GT2_1 24094	29.09 2.18 -0.01	26.27 1.97 -0.01	23.52 1.68 -0.01	23.12 1.77 -0.01	22.85 1.77 -0.01	24.95 1.63 0.00	29.26 1.94 0.00	32.41 2.26 0.00	32.06 2.54 0.00	30.87 2.42 -3.73	32.08 2.56 -3.40	36.32 2.64 -7.30	37.28 2.65 -7.82	38.20 2.73 -8.39	39.01 2.77 -9.31	41.08 2.88 -8.83	47.62 3.28 -9.04	61.03 4.01 -11.91	63.81 4.23 -10.38	55.87 4.23 -1.83	47.98 3.43 0.00	43.89 3.29 0.00	37.53 3.29 -0.01	32.96 2.78 -0.01
ASTORIA_GT2_2 24095	29.09 2.18 -0.01	26.27 1.97 -0.01	23.52 1.68 -0.01	23.12 1.77 -0.01	22.85 1.77 -0.01	24.95 1.63 0.00	29.26 1.94 0.00	32.41 2.26 0.00	32.06 2.54 0.00	30.87 2.42 -3.73	32.08 2.56 -3.40	36.32 2.64 -7.30	37.28 2.65 -7.82	38.20 2.73 -8.39	39.01 2.77 -9.31	41.08 2.88 -8.83	47.62 3.28 -9.04	61.03 4.01 -11.91	63.81 4.23 -10.38	55.87 4.23 -1.83	47.98 3.43 0.00	43.89 3.29 0.00	37.53 3.29 -0.01	32.96 2.78 -0.01
ASTORIA_GT2_3 24096	29.09 2.18 -0.01	26.27 1.97 -0.01	23.52 1.68 -0.01	23.12 1.77 -0.01	22.85 1.77 -0.01	24.95 1.63 0.00	29.26 1.94 0.00	32.41 2.26 0.00	32.06 2.54 0.00	30.87 2.42 -3.73	32.08 2.56 -3.40	36.32 2.64 -7.30	37.28 2.65 -7.82	38.20 2.73 -8.39	39.01 2.77 -9.31	41.08 2.88 -8.83	47.62 3.28 -9.04	61.03 4.01 -11.91	63.81 4.23 -10.38	55.87 4.23 -1.83	47.98 3.43 0.00	43.89 3.29 0.00	37.53 3.29 -0.01	32.96 2.78 -0.01
ASTORIA_GT2_4 24097	29.09 2.18 -0.01	26.27 1.97 -0.01	23.52 1.68 -0.01	23.12 1.77 -0.01	22.85 1.77 -0.01	24.95 1.63 0.00	29.26 1.94 0.00	32.41 2.26 0.00	32.06 2.54 0.00	30.87 2.42 -3.73	32.08 2.56 -3.40	36.32 2.64 -7.30	37.28 2.65 -7.82	38.20 2.73 -8.39	39.01 2.77 -9.31	41.08 2.88 -8.83	47.62 3.28 -9.04	61.03 4.01 -11.91	63.81 4.23 -10.38	55.87 4.23 -1.83	47.98 3.43 0.00	43.89 3.29 0.00	37.53 3.29 -0.01	32.96 2.78 -0.01
ASTORIA_GT3_1 24098	29.09 2.18 -0.01	26.27 1.97 -0.01	23.52 1.68 -0.01	23.12 1.77 -0.01	22.85 1.77 -0.01	24.95 1.63 0.00	29.26 1.94 0.00	32.41 2.26 0.00	32.06 2.54 0.00	30.87 2.42 -3.73	32.08 2.56 -3.40	36.32 2.64 -7.30	37.28 2.65 -7.82	38.20 2.73 -8.39	39.01 2.77 -9.31	41.08 2.88 -8.83	47.62 3.28 -9.04	61.03 4.01 -11.91	63.81 4.23 -10.38	55.87 4.23 -1.83	47.98 3.43 0.00	43.89 3.29 0.00	37.53 3.29 -0.01	32.96 2.78 -0.01
ASTORIA_GT3_2 24099	29.09 2.18 -0.01	26.27 1.97 -0.01	23.52 1.68 -0.01	23.12 1.77 -0.01	22.85 1.77 -0.01	24.95 1.63 0.00	29.26 1.94 0.00	32.41 2.26 0.00	32.06 2.54 0.00	30.87 2.42 -3.73	32.08 2.56 -3.40	36.32 2.64 -7.30	37.28 2.65 -7.82	38.20 2.73 -8.39	39.01 2.77 -9.31	41.08 2.88 -8.83	47.62 3.28 -9.04	61.03 4.01 -11.91	63.81 4.23 -10.38	55.87 4.23 -1.83	47.98 3.43 0.00	43.89 3.29 0.00	37.53 3.29 -0.01	32.96 2.78 -0.01
ASTORIA_GT3_3 24100	29.09 2.18 -0.01	26.27 1.97 -0.01	23.52 1.68 -0.01	23.12 1.77 -0.01	22.85 1.77 -0.01	24.95 1.63 0.00	29.26 1.94 0.00	32.41 2.26 0.00	32.06 2.54 0.00	30.87 2.42 -3.73	32.08 2.56 -3.40	36.32 2.64 -7.30	37.28 2.65 -7.82	38.20 2.73 -8.39	39.01 2.77 -9.31	41.08 2.88 -8.83	47.62 3.28 -9.04	61.03 4.01 -11.91	63.81 4.23 -10.38	55.87 4.23 -1.83	47.98 3.43 0.00	43.89 3.29 0.00	37.53 3.29 -0.01	32.96 2.78 -0.01
ASTORIA_GT3_4 24101	29.09 2.18 -0.01	26.27 1.97 -0.01	23.52 1.68 -0.01	23.12 1.77 -0.01	22.85 1.77 -0.01	24.95 1.63 0.00	29.26 1.94 0.00	32.41 2.26 0.00	32.06 2.54 0.00	30.87 2.42 -3.73	32.08 2.56 -3.40	36.32 2.64 -7.30	37.28 2.65 -7.82	38.20 2.73 -8.39	39.01 2.77 -9.31	41.08 2.88 -8.83	47.62 3.28 -9.04	61.03 4.01 -11.91	63.81 4.23 -10.38	55.87 4.23 -1.83	47.98 3.43 0.00	43.89 3.29 0.00	37.53 3.29 -0.01	32.96 2.78 -0.01
ASTORIA_GT4_1 24102	29.09 2.18 -0.01	26.27 1.97 -0.01	23.52 1.68 -0.01	23.12 1.77 -0.01	22.85 1.77 -0.01	24.95 1.63 0.00	29.26 1.94 0.00	32.41 2.26 0.00	32.06 2.54 0.00	30.87 2.42 -3.73	32.08 2.56 -3.40	36.32 2.64 -7.30	37.28 2.65 -7.82	38.20 2.73 -8.39	39.01 2.77 -9.31	41.08 2.88 -8.83	47.62 3.28 -9.04	61.03 4.01 -11.91	63.81 4.23 -10.38	55.87 4.23 -1.83	47.98 3.43 0.00	43.89 3.29 0.00	37.53 3.29 -0.01	32.96 2.78 -0.01
ASTORIA_GT4_2 24103	29.09 2.18 -0.01	26.27 1.97 -0.01	23.52 1.68 -0.01	23.12 1.77 -0.01	22.85 1.77 -0.01	24.95 1.63 0.00	29.26 1.94 0.00	32.41 2.26 0.00	32.06 2.54 0.00	30.87 2.42 -3.73	32.08 2.56 -3.40	36.32 2.64 -7.30	37.28 2.65 -7.82	38.20 2.73 -8.39	39.01 2.77 -9.31	41.08 2.88 -8.83	47.62 3.28 -9.04	61.03 4.01 -11.91	63.81 4.23 -10.38	55.87 4.23 -1.83	47.98 3.43 0.00	43.89 3.29 0.00	37.53 3.29 -0.01	32.96 2.78 -0.01
ASTORIA_GT4_3 24104	29.09 2.18 -0.01	26.27 1.97 -0.01	23.52 1.68 -0.01	23.12 1.77 -0.01	22.85 1.77 -0.01	24.95 1.63 0.00	29.26 1.94 0.00	32.41 2.26 0.00	32.06 2.54 0.00	30.87 2.42 -3.73	32.08 2.56 -3.40	36.32 2.64 -7.30	37.28 2.65 -7.82	38.20 2.73 -8.39	39.01 2.77 -9.31	41.08 2.88 -8.83	47.62 3.28 -9.04	61.03 4.01 -11.91	63.81 4.23 -10.38	55.87 4.23 -1.83	47.98 3.43 0.00	43.89 3.29 0.00	37.53 3.29 -0.01	32.96 2.78 -0.01

ASTORIA_GT4_4 24105	29.09 2.18 -0.01	26.27 1.97 -0.01	23.52 1.68 -0.01	23.12 1.77 -0.01	22.85 1.77 -0.01	24.95 1.63 0.00	29.26 1.94 0.00	32.41 2.26 0.00	32.06 2.54 0.00	30.87 2.42 -3.73	32.08 2.56 -3.40	36.32 2.64 -7.30	37.28 2.65 -7.82	38.20 2.73 -8.39	39.01 2.77 -9.31	41.08 2.88 -8.83	47.62 3.28 -9.04	61.03 4.01 -11.91	63.81 4.23 -10.38	55.87 4.23 -1.83	47.98 3.43 0.00	43.89 3.29 0.00	37.53 3.29 -0.01	32.96 2.78 -0.01
ASTORIA_GT_1 23523	29.11 2.21 -0.01	26.31 2.02 -0.01	23.56 1.72 -0.01	23.16 1.81 -0.01	22.87 1.79 -0.01	25.00 1.68 0.00	29.32 1.99 0.00	32.47 2.32 0.00	32.12 2.60 0.00	30.91 2.47 -3.73	32.16 2.64 -3.40	36.37 2.69 -7.30	37.34 2.71 -7.82	38.28 2.82 -8.39	39.09 2.85 -9.31	41.14 2.94 -8.83	47.69 3.35 -9.04	61.12 4.10 -11.91	63.91 4.33 -10.38	56.02 4.38 -1.83	48.12 3.56 0.00	43.97 3.37 0.00	37.63 3.39 -0.01	33.02 2.84 -0.01
ASTORIA_GT_10 24110	29.03 2.13 -0.01	26.24 1.94 -0.01	23.50 1.66 -0.01	23.03 1.69 -0.01	22.77 1.69 -0.01	24.98 1.66 0.00	29.32 1.99 0.00	32.56 2.41 0.00	32.21 2.69 0.00	30.89 2.40 -3.78	32.23 2.53 -3.58	36.58 2.59 -7.61	37.46 2.63 -8.03	38.31 2.71 -8.52	39.27 2.75 -9.60	41.21 2.82 -9.03	47.72 3.39 -9.04	61.17 4.15 -11.91	63.91 4.33 -10.38	55.97 4.33 -1.83	48.16 3.61 0.00	43.85 3.25 0.00	37.38 3.15 0.00	32.83 2.66 0.00
ASTORIA_GT_11 24225	29.03 2.13 -0.01	26.24 1.94 -0.01	23.50 1.66 -0.01	23.03 1.69 -0.01	22.77 1.69 -0.01	24.98 1.66 0.00	29.32 1.99 0.00	32.56 2.41 0.00	32.21 2.69 0.00	30.89 2.40 -3.78	32.23 2.53 -3.58	36.58 2.59 -7.61	37.46 2.63 -8.03	38.31 2.71 -8.52	39.27 2.75 -9.60	41.21 2.82 -9.03	47.72 3.39 -9.04	61.17 4.15 -11.91	63.91 4.33 -10.38	55.97 4.33 -1.83	48.16 3.61 0.00	43.85 3.25 0.00	37.38 3.15 0.00	32.83 2.66 0.00
ASTORIA_GT_12 24226	29.03 2.13 -0.01	26.24 1.94 -0.01	23.50 1.66 -0.01	23.03 1.69 -0.01	22.77 1.69 -0.01	24.98 1.66 0.00	29.32 1.99 0.00	32.56 2.41 0.00	32.21 2.69 0.00	30.89 2.40 -3.78	32.23 2.53 -3.58	36.58 2.59 -7.61	37.46 2.63 -8.03	38.31 2.71 -8.52	39.27 2.75 -9.60	41.21 2.82 -9.03	47.72 3.39 -9.04	61.17 4.15 -11.91	63.91 4.33 -10.38	55.97 4.33 -1.83	48.16 3.61 0.00	43.85 3.25 0.00	37.38 3.15 0.00	32.83 2.66 0.00
ASTORIA_GT_13 24227	29.03 2.13 -0.01	26.24 1.94 -0.01	23.50 1.66 -0.01	23.03 1.69 -0.01	22.77 1.69 -0.01	24.98 1.66 0.00	29.32 1.99 0.00	32.56 2.41 0.00	32.21 2.69 0.00	30.89 2.40 -3.78	32.23 2.53 -3.58	36.58 2.59 -7.61	37.46 2.63 -8.03	38.31 2.71 -8.52	39.27 2.75 -9.60	41.21 2.82 -9.03	47.72 3.39 -9.04	61.17 4.15 -11.91	63.91 4.33 -10.38	55.97 4.33 -1.83	48.16 3.61 0.00	43.85 3.25 0.00	37.38 3.15 0.00	32.83 2.66 0.00
ASTORIA_GT_5 24106	29.11 2.21 -0.01	26.31 2.02 -0.01	23.56 1.72 -0.01	23.16 1.81 -0.01	22.87 1.79 -0.01	25.00 1.68 0.00	29.32 1.99 0.00	32.47 2.32 0.00	32.12 2.60 0.00	30.91 2.47 -3.73	32.16 2.64 -3.40	36.37 2.69 -7.30	37.34 2.71 -7.82	38.28 2.82 -8.39	39.09 2.85 -9.31	41.14 2.94 -8.83	47.69 3.35 -9.04	61.12 4.10 -11.91	63.91 4.33 -10.38	56.02 4.38 -1.83	48.12 3.56 0.00	43.97 3.37 0.00	37.63 3.39 -0.01	33.02 2.84 -0.01
ASTORIA_GT_7 24107	29.11 2.21 -0.01	26.31 2.02 -0.01	23.56 1.72 -0.01	23.16 1.81 -0.01	22.87 1.79 -0.01	25.00 1.68 0.00	29.32 1.99 0.00	32.47 2.32 0.00	32.12 2.60 0.00	30.91 2.47 -3.73	32.16 2.64 -3.40	36.37 2.69 -7.30	37.34 2.71 -7.82	38.28 2.82 -8.39	39.09 2.85 -9.31	41.14 2.94 -8.83	47.69 3.35 -9.04	61.12 4.10 -11.91	63.91 4.33 -10.38	56.02 4.38 -1.83	48.12 3.56 0.00	43.97 3.37 0.00	37.63 3.39 -0.01	33.02 2.84 -0.01
ASTORIA_GT_8 24108	29.11 2.21 -0.01	26.31 2.02 -0.01	23.56 1.72 -0.01	23.16 1.81 -0.01	22.87 1.79 -0.01	25.00 1.68 0.00	29.32 1.99 0.00	32.47 2.32 0.00	32.12 2.60 0.00	30.91 2.47 -3.73	32.16 2.64 -3.40	36.37 2.69 -7.30	37.34 2.71 -7.82	38.28 2.82 -8.39	39.09 2.85 -9.31	41.14 2.94 -8.83	47.69 3.35 -9.04	61.12 4.10 -11.91	63.91 4.33 -10.38	56.02 4.38 -1.83	48.12 3.56 0.00	43.97 3.37 0.00	37.63 3.39 -0.01	33.02 2.84 -0.01
ASTORIA___2 24149	29.08 2.18 -0.01	26.26 1.97 -0.01	23.52 1.68 -0.01	23.14 1.79 -0.01	22.85 1.77 -0.01	24.98 1.66 0.00	29.29 1.97 0.00	32.38 2.23 0.01	31.90 2.39 0.01	30.84 2.40 -3.73	32.03 2.51 -3.40	36.24 2.56 -7.30	37.23 2.60 -7.82	38.20 2.73 -8.39	39.01 2.77 -9.31	41.08 2.88 -8.83	47.61 3.28 -9.04	61.03 4.01 -11.91	63.76 4.18 -10.38	55.87 4.23 -1.83	47.97 3.43 0.01	43.85 3.25 0.00	37.53 3.29 -0.01	32.99 2.81 -0.01
ASTORIA___3 23516	29.03 2.12 -0.01	26.24 1.94 -0.01	23.50 1.66 -0.01	23.03 1.69 -0.01	22.77 1.69 -0.01	25.00 1.68 0.00	29.34 2.02 0.00	32.53 2.38 0.00	32.06 2.54 0.00	30.87 2.37 -3.78	32.18 2.48 -3.58	36.53 2.53 -7.61	37.38 2.55 -8.03	38.31 2.71 -8.52	39.27 2.75 -9.60	41.21 2.82 -9.03	47.72 3.39 -9.04	61.16 4.15 -11.91	63.86 4.28 -10.38	55.97 4.33 -1.83	48.16 3.61 0.00	43.81 3.21 0.00	37.38 3.15 0.00	32.86 2.68 0.00
ASTORIA___4 23517	29.03 2.13 -0.01	26.24 1.94 -0.01	23.50 1.66 -0.01	23.03 1.69 -0.01	22.77 1.69 -0.01	24.98 1.66 0.00	29.32 1.99 0.00	32.56 2.41 0.00	32.21 2.69 0.00	30.89 2.40 -3.78	32.23 2.53 -3.58	36.58 2.59 -7.61	37.46 2.63 -8.03	38.31 2.71 -8.52	39.27 2.75 -9.60	41.21 2.82 -9.03	47.72 3.39 -9.04	61.17 4.15 -11.91	63.91 4.33 -10.38	55.97 4.33 -1.83	48.16 3.61 0.00	43.85 3.25 0.00	37.38 3.15 0.00	32.83 2.66 0.00
ASTORIA___5 23518	29.03 2.12 -0.01	26.24 1.94 -0.01	23.50 1.66 -0.01	23.03 1.69 -0.01	22.77 1.69 -0.01	25.00 1.68 0.00	29.34 2.02 0.00	32.53 2.38 0.00	32.06 2.54 0.00	30.87 2.37 -3.78	32.18 2.48 -3.58	36.53 2.53 -7.61	37.38 2.55 -8.03	38.31 2.71 -8.52	39.27 2.75 -9.60	41.21 2.82 -9.03	47.72 3.39 -9.04	61.16 4.15 -11.91	63.86 4.28 -10.38	55.97 4.33 -1.83	48.16 3.61 0.00	43.81 3.21 0.00	37.38 3.15 0.00	32.86 2.68 0.00
AST_ENERGY_2_CC3 323677	28.19 1.94 0.65	26.06 1.77 0.00	23.36 1.53 0.00	22.92 1.58 0.00	22.63 1.56 0.00	24.88 1.56 0.00	28.19 1.94 1.07	29.19 2.35 3.32	28.19 2.48 3.81	28.19 2.32 -1.15	31.13 2.48 -2.53	31.13 2.53 -2.22	31.13 2.60 -1.72	31.13 2.73 -1.32	31.13 2.77 -1.43	31.13 2.91 1.15	31.13 3.46 7.62	44.51 4.33 4.93	47.28 4.48 6.40	42.93 4.53 11.42	32.13 3.83 16.25	31.13 3.25 12.72	31.13 2.94 6.05	31.13 2.50 1.55
AST_ENERGY_2_CC4 323678	28.19 1.94 0.65	26.06 1.77 0.00	23.36 1.53 0.00	22.92 1.58 0.00	22.63 1.56 0.00	24.88 1.56 0.00	28.19 1.94 1.07	29.19 2.35 3.32	28.19 2.48 3.81	28.19 2.32 -1.15	31.13 2.48 -2.53	31.13 2.53 -2.22	31.13 2.60 -1.72	31.13 2.73 -1.32	31.13 2.77 -1.43	31.13 2.91 1.15	31.13 3.46 7.62	44.51 4.33 4.93	47.28 4.48 6.40	42.93 4.53 11.42	32.13 3.83 16.25	31.13 3.25 12.72	31.13 2.94 6.05	31.13 2.50 1.55

ATHENS_STG_1 23668	27.89 1.00 0.00	25.26 0.97 0.00	22.70 0.87 0.00	22.21 0.88 0.00	21.94 0.86 0.00	24.14 0.82 0.00	28.22 0.90 0.00	31.18 1.03 0.00	30.58 1.06 0.00	25.13 0.99 0.58	26.90 1.07 0.29	26.72 1.11 0.77	26.91 1.15 1.05	27.03 1.25 1.30	26.98 1.24 1.18	29.37 1.26 1.27	35.14 1.52 1.67	44.75 1.85 2.20	49.20 1.92 1.92	51.41 1.94 0.34	46.29 1.74 0.00	42.15 1.54 0.00	35.53 1.30 0.00	31.26 1.08 0.00
ATHENS_STG_2 23670	27.89 1.00 0.00	25.26 0.97 0.00	22.70 0.87 0.00	22.21 0.88 0.00	21.94 0.86 0.00	24.14 0.82 0.00	28.22 0.90 0.00	31.18 1.03 0.00	30.58 1.06 0.00	25.13 0.99 0.58	26.90 1.07 0.29	26.72 1.11 0.77	26.91 1.15 1.05	27.03 1.25 1.30	26.98 1.24 1.18	29.37 1.26 1.27	35.14 1.52 1.67	44.75 1.85 2.20	49.20 1.92 1.92	51.41 1.94 0.34	46.29 1.74 0.00	42.15 1.54 0.00	35.53 1.30 0.00	31.26 1.08 0.00
ATHENS_STG_3 23677	27.89 1.00 0.00	25.26 0.97 0.00	22.70 0.87 0.00	22.21 0.88 0.00	21.94 0.86 0.00	24.14 0.82 0.00	28.22 0.90 0.00	31.18 1.03 0.00	30.58 1.06 0.00	25.13 0.99 0.58	26.90 1.07 0.29	26.72 1.11 0.77	26.91 1.15 1.05	27.03 1.25 1.30	26.98 1.24 1.18	29.37 1.26 1.27	35.14 1.52 1.67	44.75 1.85 2.20	49.20 1.92 1.92	51.41 1.94 0.34	46.29 1.74 0.00	42.15 1.54 0.00	35.53 1.30 0.00	31.26 1.08 0.00
AUBURN____LFGE 323710	27.01 0.11 0.00	24.34 0.05 0.00	21.87 0.04 0.00	21.32 -0.02 0.00	21.09 0.02 0.00	23.34 0.02 0.00	27.46 0.14 0.00	30.18 0.03 0.00	29.49 -0.03 0.00	24.57 -0.15 0.00	25.99 -0.13 0.00	26.28 -0.11 0.00	26.67 -0.13 0.00	26.92 -0.16 0.00	26.87 -0.05 0.00	29.37 0.00 0.00	35.29 0.00 0.00	45.24 0.14 0.00	49.69 0.49 0.00	50.36 0.55 0.00	45.00 0.45 0.00	40.97 0.37 0.00	34.51 0.27 0.00	30.51 0.33 0.00
BABYLON_RES_REC 323704	32.34 2.47 -2.97	26.73 2.26 -0.18	24.07 1.99 -0.25	23.60 2.03 -0.23	23.38 2.02 -0.28	25.59 2.10 -0.17	29.87 2.49 -0.06	34.48 2.89 -1.43	32.91 2.92 -0.47	32.86 2.65 -5.50	39.12 2.80 -10.21	37.91 2.82 -8.70	39.89 2.84 -10.24	40.75 2.93 -10.75	42.00 2.91 -12.17	43.67 2.94 -11.37	54.83 3.14 -16.40	83.18 3.74 -34.34	72.71 3.94 -19.57	59.61 4.03 -5.77	51.17 3.83 -2.79	44.31 3.69 -0.01	43.33 3.46 -5.64	37.71 2.84 -4.70
BALL_HILL_WT_PWR 323825	26.50 -0.40 0.00	23.51 -0.78 0.00	21.35 -0.48 0.00	20.70 -0.64 0.00	20.55 -0.53 0.00	22.88 -0.44 0.00	26.78 -0.55 0.00	29.07 -1.08 0.00	28.75 -0.77 0.00	23.84 -0.96 -0.09	23.12 -1.15 1.86	24.13 -1.32 0.93	23.49 -1.40 1.93	23.70 -1.35 2.02	23.55 -1.32 2.06	25.79 -1.38 2.20	31.03 -1.73 2.53	39.33 -2.66 3.11	43.49 -2.26 3.45	46.16 -2.34 1.31	42.99 -1.56 0.00	39.10 -1.50 0.00	33.51 -0.72 0.00	30.51 0.33 0.00
BARON_WINDS____WT_PWR 323822	26.66 -0.24 0.00	23.85 -0.44 0.00	21.55 -0.28 0.00	20.93 -0.41 0.00	20.78 -0.30 0.00	23.02 -0.30 0.00	26.99 -0.33 0.00	29.37 -0.78 0.00	28.66 -0.86 0.00	23.75 -1.09 -0.12	-2.28 -1.33 27.07	10.22 -1.50 14.65	-4.31 -1.53 29.59	-6.00 -1.52 31.56	-6.00 -1.35 31.58	-6.00 -1.44 33.93	-6.00 -1.69 39.60	-6.00 -2.07 49.03	-6.00 -1.82 53.38	28.52 -1.84 19.45	43.26 -1.29 0.00	39.39 -1.22 0.00	33.55 -0.68 0.00	30.21 0.03 0.00
BARRETT_IC_1 23704	31.77 2.12 -2.75	26.32 2.01 -0.01	23.61 1.77 -0.01	23.19 1.84 -0.01	22.94 1.85 -0.01	25.22 1.89 -0.01	29.57 2.24 -0.01	33.69 2.50 -1.04	32.24 2.63 -0.10	31.83 2.35 -4.77	37.92 2.43 -9.37	36.85 2.43 -8.04	38.96 2.46 -9.69	39.99 2.57 -10.33	40.87 2.50 -11.44	42.72 2.53 -10.83	54.17 3.04 -15.85	81.51 3.74 -32.67	158.28 3.94 -105.14	92.59 4.03 -38.75	50.64 3.52 -2.57	43.66 3.05 -0.01	92.37 3.05 -55.09	37.03 2.50 -4.35
BARRETT_IC_10 23701	31.77 2.12 -2.75	26.32 2.01 -0.01	23.61 1.77 -0.01	23.19 1.84 -0.01	22.94 1.85 -0.01	25.22 1.89 -0.01	29.57 2.24 -0.01	33.69 2.50 -1.04	32.24 2.63 -0.10	31.83 2.35 -4.77	37.92 2.43 -9.37	36.85 2.43 -8.04	38.96 2.46 -9.69	39.99 2.57 -10.33	40.87 2.50 -11.44	42.72 2.53 -10.83	54.17 3.04 -15.85	81.51 3.74 -32.67	92.98 3.94 -39.84	67.40 4.03 -13.56	50.64 3.52 -2.57	43.66 3.05 -0.01	92.37 3.05 -55.09	37.03 2.50 -4.35
BARRETT_IC_11 23702	31.77 2.12 -2.75	26.32 2.01 -0.01	23.61 1.77 -0.01	23.19 1.84 -0.01	22.94 1.85 -0.01	25.22 1.89 -0.01	29.57 2.24 -0.01	33.69 2.50 -1.04	32.24 2.63 -0.10	31.83 2.35 -4.77	37.92 2.43 -9.37	36.85 2.43 -8.04	38.96 2.46 -9.69	39.99 2.57 -10.33	40.87 2.50 -11.44	42.72 2.53 -10.83	54.17 3.04 -15.85	81.51 3.74 -32.67	92.98 3.94 -39.84	67.40 4.03 -13.56	50.64 3.52 -2.57	43.66 3.05 -0.01	92.37 3.05 -55.09	37.03 2.50 -4.35
BARRETT_IC_12 23703	31.77 2.12 -2.75	26.32 2.01 -0.01	23.61 1.77 -0.01	23.19 1.84 -0.01	22.94 1.85 -0.01	25.22 1.89 -0.01	29.57 2.24 -0.01	33.69 2.50 -1.04	32.24 2.63 -0.10	31.83 2.35 -4.77	37.92 2.43 -9.37	36.85 2.43 -8.04	38.96 2.46 -9.69	39.99 2.57 -10.33	40.87 2.50 -11.44	42.72 2.53 -10.83	54.17 3.04 -15.85	81.51 3.74 -32.67	92.98 3.94 -39.84	67.40 4.03 -13.56	50.64 3.52 -2.57	43.66 3.05 -0.01	92.37 3.05 -55.09	37.03 2.50 -4.35
BARRETT_IC_2 23705	31.77 2.12 -2.75	26.32 2.01 -0.01	23.61 1.77 -0.01	23.19 1.84 -0.01	22.94 1.85 -0.01	25.22 1.89 -0.01	29.57 2.24 -0.01	33.69 2.50 -1.04	32.24 2.63 -0.10	31.83 2.35 -4.77	37.92 2.43 -9.37	36.85 2.43 -8.04	38.96 2.46 -9.69	39.99 2.57 -10.33	40.87 2.50 -11.44	42.72 2.53 -10.83	54.17 3.04 -15.85	81.51 3.74 -32.67	158.28 3.94 -105.14	92.59 4.03 -38.75	50.64 3.52 -2.57	43.66 3.05 -0.01	92.37 3.05 -55.09	37.03 2.50 -4.35
BARRETT_IC_3 23706	31.77 2.12 -2.75	26.32 2.01 -0.01	23.61 1.77 -0.01	23.19 1.84 -0.01	22.94 1.85 -0.01	25.22 1.89 -0.01	29.57 2.24 -0.01	33.69 2.50 -1.04	32.24 2.63 -0.10	31.83 2.35 -4.77	37.92 2.43 -9.37	36.85 2.43 -8.04	38.96 2.46 -9.69	39.99 2.57 -10.33	40.87 2.50 -11.44	42.72 2.53 -10.83	54.17 3.04 -15.85	81.51 3.74 -32.67	158.28 3.94 -105.14	92.59 4.03 -38.75	50.64 3.52 -2.57	43.66 3.05 -0.01	92.37 3.05 -55.09	37.03 2.50 -4.35
BARRETT_IC_4 23707	31.77 2.12 -2.75	26.32 2.01 -0.01	23.61 1.77 -0.01	23.19 1.84 -0.01	22.94 1.85 -0.01	25.22 1.89 -0.01	29.57 2.24 -0.01	33.69 2.50 -1.04	32.24 2.63 -0.10	31.83 2.35 -4.77	37.92 2.43 -9.37	36.85 2.43 -8.04	38.96 2.46 -9.69	39.99 2.57 -10.33	40.87 2.50 -11.44	42.72 2.53 -10.83	54.17 3.04 -15.85	81.51 3.74 -32.67	158.28 3.94 -105.14	92.59 4.03 -38.75	50.64 3.52 -2.57	43.66 3.05 -0.01	92.37 3.05 -55.09	37.03 2.50 -4.35
BARRETT_IC_5 23708	31.77 2.12 -2.75	26.32 2.01 -0.01	23.61 1.77 -0.01	23.19 1.84 -0.01	22.94 1.85 -0.01	25.22 1.89 -0.01	29.57 2.24 -0.01	33.69 2.50 -1.04	32.24 2.63 -0.10	31.83 2.35 -4.77	37.92 2.43 -9.37	36.85 2.43 -8.04	38.96 2.46 -9.69	39.99 2.57 -10.33	40.87 2.50 -11.44	42.72 2.53 -10.83	54.17 3.04 -15.85	81.51 3.74 -32.67	158.28 3.94 -105.14	92.59 4.03 -38.75	50.64 3.52 -2.57	43.66 3.05 -0.01	92.37 3.05 -55.09	37.03 2.50 -4.35

BARRETT_IC_6 23709	31.77 2.12 -2.75	26.32 2.01 -0.01	23.61 1.77 -0.01	23.19 1.84 -0.01	22.94 1.85 -0.01	25.22 1.89 -0.01	29.57 2.24 -0.01	33.69 2.50 -1.04	32.24 2.63 -0.10	31.83 2.35 -4.77	37.92 2.43 -9.37	36.85 2.43 -8.04	38.96 2.46 -9.69	39.99 2.57 -10.33	40.87 2.50 -11.44	42.72 2.53 -10.83	54.17 3.04 -15.85	81.51 3.74 -32.67	158.28 3.94 -105.14	92.59 4.03 -38.75	50.64 3.52 -2.57	43.66 3.05 -0.01	92.37 3.05 -55.09	37.03 2.50 -4.35
BARRETT_IC_7 23710	31.77 2.13 -2.75	26.32 2.02 -0.01	23.61 1.77 -0.01	23.19 1.84 -0.01	22.94 1.85 -0.01	25.20 1.87 -0.01	29.54 2.21 -0.01	33.72 2.53 -1.04	32.36 2.75 -0.10	31.88 2.40 -4.77	37.97 2.48 -9.37	36.93 2.51 -8.04	39.04 2.55 -9.69	39.93 2.52 -10.33	40.87 2.50 -11.44	42.75 2.56 -10.83	54.17 3.04 -15.85	81.47 3.70 -32.67	158.23 3.89 -105.14	92.55 3.98 -38.75	50.65 3.52 -2.57	43.70 3.09 -0.01	92.37 3.05 -55.09	37.00 2.47 -4.35
BARRETT_IC_8 23711	31.77 2.12 -2.75	26.32 2.01 -0.01	23.61 1.77 -0.01	23.19 1.84 -0.01	22.94 1.85 -0.01	25.22 1.89 -0.01	29.57 2.24 -0.01	33.69 2.50 -1.04	32.24 2.63 -0.10	31.83 2.35 -4.77	37.92 2.43 -9.37	36.85 2.43 -8.04	38.96 2.46 -9.69	39.99 2.57 -10.33	40.87 2.50 -11.44	42.72 2.53 -10.83	54.17 3.04 -15.85	81.51 3.74 -32.67	158.28 3.94 -105.14	92.59 4.03 -38.75	50.64 3.52 -2.57	43.66 3.05 -0.01	92.37 3.05 -55.09	37.03 2.50 -4.35
BARRETT_IC_9 23700	31.77 2.12 -2.75	26.32 2.01 -0.01	23.61 1.77 -0.01	23.19 1.84 -0.01	22.94 1.85 -0.01	25.22 1.89 -0.01	29.57 2.24 -0.01	33.69 2.50 -1.04	32.24 2.63 -0.10	31.83 2.35 -4.77	37.92 2.43 -9.37	36.85 2.43 -8.04	38.96 2.46 -9.69	39.99 2.57 -10.33	40.87 2.50 -11.44	42.72 2.53 -10.83	54.17 3.04 -15.85	81.51 3.74 -32.67	92.98 3.94 -39.84	67.40 4.03 -13.56	50.64 3.52 -2.57	43.66 3.05 -0.01	92.37 3.05 -55.09	37.03 2.50 -4.35
BARRETT___1 23545	31.77 2.12 -2.75	26.32 2.01 -0.01	23.61 1.77 -0.01	23.19 1.84 -0.01	22.94 1.85 -0.01	25.22 1.89 -0.01	29.57 2.24 -0.01	33.69 2.50 -1.04	32.24 2.63 -0.10	31.83 2.35 -4.77	37.92 2.43 -9.37	36.85 2.43 -8.04	38.96 2.46 -9.69	39.99 2.57 -10.33	40.87 2.50 -11.44	42.72 2.53 -10.83	54.17 3.04 -15.85	81.51 3.74 -32.67	158.28 3.94 -105.14	92.59 4.03 -38.75	50.64 3.52 -2.57	43.66 3.05 -0.01	92.37 3.05 -55.09	37.03 2.50 -4.35
BARRETT___2 23546	31.77 2.12 -2.75	26.32 2.01 -0.01	23.61 1.77 -0.01	23.19 1.84 -0.01	22.94 1.85 -0.01	25.22 1.89 -0.01	29.57 2.24 -0.01	33.69 2.50 -1.04	32.24 2.63 -0.10	31.83 2.35 -4.77	37.92 2.43 -9.37	36.85 2.43 -8.04	38.96 2.46 -9.69	39.99 2.57 -10.33	40.87 2.50 -11.44	42.72 2.53 -10.83	54.17 3.04 -15.85	81.51 3.74 -32.67	92.98 3.94 -39.84	67.40 4.03 -13.56	50.64 3.52 -2.57	43.66 3.05 -0.01	92.37 3.05 -55.09	37.03 2.50 -4.35
BATAVIA__115KV_TB1 55881	26.93 0.03 0.00	24.07 -0.22 0.00	21.81 -0.02 0.00	21.17 -0.17 0.00	20.95 -0.13 0.00	23.30 -0.02 0.00	27.29 -0.03 0.00	29.85 -0.30 0.00	29.14 -0.38 0.00	24.17 -0.62 -0.07	23.67 -0.47 1.98	24.81 -0.55 1.01	24.11 -0.62 2.08	24.39 -0.49 2.20	24.29 -0.40 2.22	26.60 -0.38 2.38	31.66 -0.88 2.75	40.40 -1.31 3.39	44.72 -0.74 3.74	47.56 -0.85 1.40	43.93 -0.62 0.00	39.91 -0.69 0.00	34.10 -0.14 0.00	30.93 0.75 0.00
BAYONEEC___CTG1 323682	28.89 1.99 0.00	26.09 1.80 0.00	23.36 1.53 0.00	22.92 1.58 0.00	22.63 1.56 0.00	24.93 1.61 0.00	29.31 1.99 0.00	32.57 2.41 0.00	32.06 2.54 0.00	30.81 2.37 -3.72	32.05 2.53 -3.40	36.26 2.59 -7.30	37.25 2.63 -7.82	38.25 2.79 -8.39	39.03 2.80 -9.31	41.14 2.94 -8.83	47.87 3.53 -9.05	61.41 4.37 -11.93	64.17 4.58 -10.40	56.23 4.58 -1.84	48.43 3.87 0.00	43.89 3.29 0.00	37.25 3.01 0.00	32.74 2.56 0.00
BAYONEEC___CTG10 323750	28.89 1.99 0.00	26.09 1.80 0.00	23.36 1.53 0.00	22.92 1.58 0.00	22.63 1.56 0.00	24.93 1.61 0.00	29.31 1.99 0.00	32.57 2.41 0.00	32.06 2.54 0.00	30.81 2.37 -3.72	32.05 2.53 -3.40	36.26 2.59 -7.30	37.25 2.63 -7.82	38.25 2.79 -8.39	39.03 2.80 -9.31	41.14 2.94 -8.83	47.87 3.53 -9.05	61.41 4.37 -11.93	64.17 4.58 -10.40	56.23 4.58 -1.84	48.43 3.87 0.00	43.89 3.29 0.00	37.25 3.01 0.00	32.74 2.56 0.00
BAYONEEC___CTG2 323683	28.89 1.99 0.00	26.09 1.80 0.00	23.36 1.53 0.00	22.92 1.58 0.00	22.63 1.56 0.00	24.93 1.61 0.00	29.31 1.99 0.00	32.57 2.41 0.00	32.06 2.54 0.00	30.81 2.37 -3.72	32.05 2.53 -3.40	36.26 2.59 -7.30	37.25 2.63 -7.82	38.25 2.79 -8.39	39.03 2.80 -9.31	41.14 2.94 -8.83	47.87 3.53 -9.05	61.41 4.37 -11.93	64.17 4.58 -10.40	56.23 4.58 -1.84	48.43 3.87 0.00	43.89 3.29 0.00	37.25 3.01 0.00	32.74 2.56 0.00
BAYONEEC___CTG3 323684	28.89 1.99 0.00	26.09 1.80 0.00	23.36 1.53 0.00	22.92 1.58 0.00	22.63 1.56 0.00	24.93 1.61 0.00	29.31 1.99 0.00	32.57 2.41 0.00	32.06 2.54 0.00	30.81 2.37 -3.72	32.05 2.53 -3.40	36.26 2.59 -7.30	37.25 2.63 -7.82	38.25 2.79 -8.39	39.03 2.80 -9.31	41.14 2.94 -8.83	47.87 3.53 -9.05	61.41 4.37 -11.93	64.17 4.58 -10.40	56.23 4.58 -1.84	48.43 3.87 0.00	43.89 3.29 0.00	37.25 3.01 0.00	32.74 2.56 0.00
BAYONEEC___CTG4 323685	28.89 1.99 0.00	26.09 1.80 0.00	23.36 1.53 0.00	22.92 1.58 0.00	22.63 1.56 0.00	24.93 1.61 0.00	29.31 1.99 0.00	32.57 2.41 0.00	32.06 2.54 0.00	30.81 2.37 -3.72	32.05 2.53 -3.40	36.26 2.59 -7.30	37.25 2.63 -7.82	38.25 2.79 -8.39	39.03 2.80 -9.31	41.14 2.94 -8.83	47.87 3.53 -9.05	61.41 4.37 -11.93	64.17 4.58 -10.40	56.23 4.58 -1.84	48.43 3.87 0.00	43.89 3.29 0.00	37.25 3.01 0.00	32.74 2.56 0.00
BAYONEEC___CTG5 323686	28.89 1.99 0.00	26.09 1.80 0.00	23.36 1.53 0.00	22.92 1.58 0.00	22.63 1.56 0.00	24.93 1.61 0.00	29.31 1.99 0.00	32.57 2.41 0.00	32.06 2.54 0.00	30.81 2.37 -3.72	32.05 2.53 -3.40	36.26 2.59 -7.30	37.25 2.63 -7.82	38.25 2.79 -8.39	39.03 2.80 -9.31	41.14 2.94 -8.83	47.87 3.53 -9.05	61.41 4.37 -11.93	64.17 4.58 -10.40	56.23 4.58 -1.84	48.43 3.87 0.00	43.89 3.29 0.00	37.25 3.01 0.00	32.74 2.56 0.00
BAYONEEC___CTG6 323687	28.89 1.99 0.00	26.09 1.80 0.00	23.36 1.53 0.00	22.92 1.58 0.00	22.63 1.56 0.00	24.93 1.61 0.00	29.31 1.99 0.00	32.57 2.41 0.00	32.06 2.54 0.00	30.81 2.37 -3.72	32.05 2.53 -3.40	36.26 2.59 -7.30	37.25 2.63 -7.82	38.25 2.79 -8.39	39.03 2.80 -9.31	41.14 2.94 -8.83	47.87 3.53 -9.05	61.41 4.37 -11.93	64.17 4.58 -10.40	56.23 4.58 -1.84	48.43 3.87 0.00	43.89 3.29 0.00	37.25 3.01 0.00	32.74 2.56 0.00
BAYONEEC___CTG7 323688	28.89 1.99 0.00	26.09 1.80 0.00	23.36 1.53 0.00	22.92 1.58 0.00	22.63 1.56 0.00	24.93 1.61 0.00	29.31 1.99 0.00	32.57 2.41 0.00	32.06 2.54 0.00	30.81 2.37 -3.72	32.05 2.53 -3.40	36.26 2.59 -7.30	37.25 2.63 -7.82	38.25 2.79 -8.39	39.03 2.80 -9.31	41.14 2.94 -8.83	47.87 3.53 -9.05	61.41 4.37 -11.93	64.17 4.58 -10.40	56.23 4.58 -1.84	48.43 3.87 0.00	43.89 3.29 0.00	37.25 3.01 0.00	32.74 2.56 0.00

BAYONEEC___CTG8 323689	28.89 1.99 0.00	26.09 1.80 0.00	23.36 1.53 0.00	22.92 1.58 0.00	22.63 1.56 0.00	24.93 1.61 0.00	29.31 1.99 0.00	32.57 2.41 0.00	32.06 2.54 0.00	30.81 2.37 -3.72	32.05 2.53 -3.40	36.26 2.59 -7.30	37.25 2.63 -7.82	38.25 2.79 -8.39	39.03 2.80 -9.31	41.14 2.94 -8.83	47.87 3.53 -9.05	61.41 4.37 -11.93	64.17 4.58 -10.40	56.23 4.58 -1.84	48.43 3.87 0.00	43.89 3.29 0.00	37.25 3.01 0.00	32.74 2.56 0.00
BAYONEEC___CTG9 323749	28.89 1.99 0.00	26.09 1.80 0.00	23.36 1.53 0.00	22.92 1.58 0.00	22.63 1.56 0.00	24.93 1.61 0.00	29.31 1.99 0.00	32.57 2.41 0.00	32.06 2.54 0.00	30.81 2.37 -3.72	32.05 2.53 -3.40	36.26 2.59 -7.30	37.25 2.63 -7.82	38.25 2.79 -8.39	39.03 2.80 -9.31	41.14 2.94 -8.83	47.87 3.53 -9.05	61.41 4.37 -11.93	64.17 4.58 -10.40	56.23 4.58 -1.84	48.43 3.87 0.00	43.89 3.29 0.00	37.25 3.01 0.00	32.74 2.56 0.00
BEACON___LESR 323632	27.84 0.94 0.00	25.16 0.87 0.00	22.57 0.74 0.00	22.06 0.73 0.00	21.77 0.69 0.00	24.02 0.70 0.00	28.06 0.74 0.00	30.93 0.78 0.00	30.35 0.83 0.00	25.05 0.72 0.38	26.73 0.81 0.20	26.71 0.84 0.52	26.98 0.88 0.71	27.22 1.00 0.86	27.21 1.08 0.79	29.67 1.14 0.85	35.53 1.34 1.11	45.22 1.58 1.46	49.65 1.72 1.27	51.28 1.69 0.22	46.20 1.65 0.00	42.06 1.46 0.00	35.40 1.16 0.00	31.11 0.94 0.00
BEAVER RIVER___HYD 24048	27.03 0.14 0.00	24.44 0.15 0.00	21.85 0.02 0.00	21.40 0.06 0.00	21.14 0.06 0.00	23.51 0.19 0.00	27.49 0.16 0.00	30.30 0.15 0.00	29.46 -0.06 0.00	24.32 -0.40 0.00	25.67 -0.44 0.00	25.93 -0.45 0.00	26.35 -0.46 0.00	26.56 -0.52 0.00	26.46 -0.46 0.00	28.93 -0.44 0.00	35.01 -0.28 0.00	44.92 -0.18 0.00	49.59 0.39 0.00	50.60 0.79 0.00	45.35 0.80 0.00	41.41 0.81 0.00	34.85 0.62 0.00	30.51 0.33 0.00
BEEBEE_GT_13 23619	26.74 -0.16 0.00	23.97 -0.32 0.00	21.63 -0.20 0.00	21.04 -0.30 0.00	20.82 -0.25 0.00	23.09 -0.23 0.00	27.10 -0.22 0.00	29.70 -0.45 0.00	29.05 -0.47 0.00	24.17 -0.54 0.00	25.83 -0.29 0.00	26.01 -0.37 0.00	26.41 -0.40 0.00	26.78 -0.30 0.00	26.68 -0.24 0.00	29.16 -0.21 0.00	34.90 -0.39 0.00	44.52 -0.59 0.00	49.00 -0.20 0.00	49.61 -0.20 0.00	44.19 -0.36 0.00	40.20 -0.41 0.00	34.13 -0.10 0.00	30.66 0.48 0.00
BENSHRST_27_KV_BENSHRST_1 355998	29.30 2.39 -0.01	26.46 2.16 -0.01	23.67 1.83 -0.01	23.16 1.81 -0.01	22.89 1.81 -0.01	25.12 1.80 0.00	29.48 2.16 0.00	32.78 2.62 0.00	32.41 2.89 0.00	31.04 2.55 -3.78	32.42 2.72 -3.58	36.76 2.77 -7.61	37.65 2.81 -8.03	38.52 2.92 -8.52	39.49 2.96 -9.60	41.48 3.08 -9.03	48.11 3.78 -9.04	61.72 4.69 -11.92	64.51 4.92 -10.39	56.53 4.88 -1.84	48.65 4.10 0.00	44.22 3.61 0.00	37.76 3.53 0.00	33.19 3.02 0.00
BETHLEHEM___GRP 23843	27.44 0.54 0.00	24.82 0.53 0.00	22.29 0.46 0.00	21.77 0.43 0.00	21.50 0.42 0.00	23.69 0.37 0.00	27.62 0.30 0.00	30.54 0.39 0.00	29.96 0.44 0.00	24.77 0.44 0.39	26.47 0.55 0.20	26.44 0.58 0.52	26.71 0.62 0.71	26.83 0.62 0.87	26.83 0.70 0.80	29.22 0.70 0.85	34.92 0.74 1.11	44.45 0.81 1.47	48.71 0.79 1.28	50.38 0.80 0.23	45.35 0.80 0.00	41.33 0.73 0.00	34.78 0.55 0.00	30.60 0.42 0.00
BETHLEHEM___GS1 323560	27.44 0.54 0.00	24.82 0.53 0.00	22.29 0.46 0.00	21.79 0.45 0.00	21.50 0.42 0.00	23.69 0.37 0.00	27.65 0.33 0.00	30.52 0.36 0.00	29.90 0.38 0.00	24.72 0.39 0.39	26.36 0.44 0.20	26.36 0.50 0.52	26.63 0.54 0.71	26.83 0.62 0.87	26.83 0.70 0.80	29.22 0.70 0.85	34.92 0.74 1.11	44.45 0.81 1.47	48.71 0.78 1.28	50.38 0.79 0.23	45.35 0.80 0.00	41.33 0.73 0.00	34.78 0.55 0.00	30.63 0.45 0.00
BETHLEHEM___GS2 323561	27.44 0.54 0.00	24.82 0.53 0.00	22.29 0.46 0.00	21.79 0.45 0.00	21.50 0.42 0.00	23.69 0.37 0.00	27.65 0.33 0.00	30.52 0.36 0.00	29.90 0.38 0.00	24.72 0.39 0.39	26.36 0.44 0.20	26.36 0.50 0.52	26.63 0.54 0.71	26.83 0.62 0.87	26.83 0.70 0.80	29.22 0.70 0.85	34.92 0.74 1.11	44.45 0.81 1.47	48.71 0.78 1.28	50.38 0.79 0.23	45.35 0.80 0.00	41.33 0.73 0.00	34.78 0.55 0.00	30.63 0.45 0.00
BETHLEHEM___GS3 323562	27.44 0.54 0.00	24.82 0.53 0.00	22.29 0.46 0.00	21.79 0.45 0.00	21.50 0.42 0.00	23.69 0.37 0.00	27.65 0.33 0.00	30.52 0.36 0.00	29.90 0.38 0.00	24.72 0.39 0.39	26.36 0.44 0.20	26.36 0.50 0.52	26.63 0.54 0.71	26.83 0.62 0.87	26.83 0.70 0.80	29.22 0.70 0.85	34.92 0.74 1.11	44.45 0.81 1.47	48.71 0.78 1.28	50.38 0.79 0.23	45.35 0.80 0.00	41.33 0.73 0.00	34.78 0.55 0.00	30.63 0.45 0.00
BETHLEHEM___STEEL 23779	26.41 -0.48 0.00	23.44 -0.85 0.00	21.31 -0.52 0.00	20.72 -0.62 0.00	20.48 -0.59 0.00	22.83 -0.49 0.00	26.80 -0.52 0.00	29.04 -1.12 0.00	28.55 -0.97 0.00	23.74 -1.06 -0.08	22.88 -1.28 1.96	23.99 -1.40 0.99	23.32 -1.45 2.04	23.52 -1.41 2.15	23.37 -1.37 2.18	25.60 -1.44 2.33	30.81 -1.80 2.68	39.05 -2.75 3.30	43.18 -2.36 3.66	45.99 -2.44 1.38	42.95 -1.60 0.00	39.06 -1.54 0.00	33.51 -0.72 0.00	30.54 0.36 0.00
BETHLHEM_115KV_TB1 79974	27.49 0.59 0.00	24.87 0.58 0.00	22.33 0.50 0.00	21.83 0.49 0.00	21.56 0.48 0.00	23.74 0.42 0.00	27.70 0.38 0.00	30.63 0.48 0.00	30.05 0.53 0.00	24.82 0.49 0.39	26.52 0.60 0.20	26.50 0.63 0.52	26.77 0.67 0.71	26.89 0.68 0.87	26.88 0.75 0.79	29.29 0.76 0.85	35.03 0.85 1.11	44.59 0.95 1.46	48.86 0.93 1.27	50.53 0.95 0.23	45.49 0.94 0.00	41.46 0.85 0.00	34.88 0.65 0.00	30.69 0.51 0.00
BETHPAGE_CC_5 323564	32.38 2.34 -3.14	26.51 2.16 -0.06	23.79 1.88 -0.08	23.33 1.92 -0.07	23.08 1.92 -0.09	25.36 1.98 -0.06	29.72 2.38 -0.02	34.14 2.71 -1.27	32.54 2.81 -0.21	32.54 2.55 -5.27	39.65 2.67 -10.87	38.25 2.64 -9.23	40.17 2.68 -10.68	40.93 2.76 -11.09	42.43 2.75 -12.76	43.93 2.76 -11.80	55.34 3.21 -16.84	84.80 4.01 -35.69	75.64 4.23 -22.21	60.90 4.28 -6.81	51.33 3.83 -2.95	43.98 3.37 -0.01	44.98 3.15 -7.60	37.84 2.68 -4.98
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	26.44 -0.46 0.00	23.46 -0.83 0.00	21.33 -0.50 0.00	20.74 -0.60 0.00	20.50 -0.57 0.00	22.85 -0.47 0.00	26.83 -0.49 0.00	29.10 -1.06 0.00	28.60 -0.92 0.00	23.79 -1.01 -0.09	22.98 -1.33 1.81	24.02 -1.45 0.91	23.43 -1.50 1.88	23.64 -1.46 1.97	23.49 -1.43 2.00	25.72 -1.50 2.15	30.99 -1.84 2.46	39.27 -2.80 3.03	43.42 -2.41 3.37	46.04 -2.49 1.28	43.04 -1.51 0.00	39.10 -1.50 0.00	33.55 -0.68 0.00	30.57 0.39 0.00
BINGHAMTON___COGEN 23790	27.28 0.38 0.00	24.56 0.27 0.00	22.11 0.28 0.00	21.57 0.23 0.00	21.33 0.25 0.00	23.58 0.26 0.00	27.70 0.38 0.00	30.45 0.30 0.00	29.79 0.27 0.00	25.00 0.10 -0.18	26.19 0.00 -0.07	26.56 -0.03 -0.20	27.09 -0.03 -0.31	27.45 -0.03 -0.40	27.37 0.11 -0.34	29.87 0.12 -0.38	36.05 0.21 -0.54	46.09 0.27 -0.72	50.37 0.54 -0.63	50.52 0.60 -0.11	45.22 0.67 0.00	41.17 0.57 0.00	34.75 0.51 0.00	30.87 0.69 0.00

BIXINCNT_115KV_LOAD 355685	26.12 -0.78 0.00	23.25 -1.04 0.00	21.15 -0.68 0.00	20.61 -0.73 0.00	20.38 -0.70 0.00	22.71 -0.61 0.00	26.67 -0.66 0.00	28.95 -1.21 0.00	28.43 -1.09 0.00	23.57 -1.24 -0.09	23.21 -1.96 0.95	23.78 -2.16 0.43	23.55 -2.33 0.92	23.91 -2.22 0.95	23.78 -2.15 0.99	26.03 -2.29 1.05	31.36 -2.75 1.18	39.74 -3.92 1.44	43.82 -3.74 1.64	45.22 -3.93 0.66	41.97 -2.58 0.00	38.17 -2.44 0.00	32.80 -1.44 0.00	30.06 -0.12 0.00
BLACK RIVER___HYD 24047	27.38 0.48 0.00	24.73 0.44 0.00	22.09 0.26 0.00	21.64 0.30 0.00	21.39 0.32 0.00	23.81 0.49 0.00	27.81 0.49 0.00	30.66 0.51 0.00	29.79 0.27 0.00	24.47 -0.25 0.00	25.86 -0.26 0.00	26.14 -0.24 0.00	26.57 -0.24 0.00	26.72 -0.35 0.00	26.65 -0.27 0.00	29.16 -0.20 0.00	35.40 0.11 0.00	45.51 0.41 0.00	50.43 1.23 0.00	51.60 1.79 0.00	46.24 1.69 0.00	42.18 1.58 0.00	35.40 1.16 0.00	30.93 0.75 0.00
BLACKRVR_115KV_TB2 79977	27.38 0.48 0.00	24.73 0.44 0.00	22.09 0.26 0.00	21.64 0.30 0.00	21.39 0.32 0.00	23.81 0.49 0.00	27.81 0.49 0.00	30.63 0.48 0.00	29.76 0.24 0.00	24.47 -0.25 0.00	25.83 -0.29 0.00	26.14 -0.24 0.00	26.54 -0.27 0.00	26.73 -0.35 0.00	26.65 -0.27 0.00	29.16 -0.21 0.00	35.40 0.11 0.00	45.51 0.41 0.00	50.43 1.23 0.00	51.60 1.79 0.00	46.24 1.69 0.00	42.19 1.58 0.00	35.40 1.16 0.00	31.05 0.88 0.00
BLDWN_LI_69_KV_BK4 356085	32.79 2.37 -3.52	26.51 2.19 -0.04	23.80 1.92 -0.05	23.35 1.96 -0.04	23.08 1.96 -0.05	25.36 2.01 -0.04	29.74 2.40 -0.02	34.32 2.80 -1.37	32.67 2.98 -0.17	32.87 2.62 -5.53	41.16 2.77 -12.28	39.54 2.80 -10.36	41.28 2.84 -11.63	41.75 2.87 -11.80	43.79 2.85 -14.01	45.02 2.94 -12.72	56.48 3.42 -17.77	87.92 4.28 -38.53	98.08 4.53 -44.36	69.80 4.58 -15.41	52.04 4.19 -3.30	44.27 3.65 -0.01	58.60 3.39 -20.97	38.53 2.78 -5.58
BLISS_WT_PWR 323608	25.98 -0.91 0.00	23.12 -1.17 0.00	21.05 -0.79 0.00	20.46 -0.88 0.00	20.29 -0.78 0.00	22.60 -0.72 0.00	26.45 -0.88 0.00	28.71 -1.45 0.00	28.31 -1.21 0.00	23.42 -1.38 -0.09	23.05 -2.11 0.95	23.55 -2.40 0.43	23.31 -2.57 0.92	23.69 -2.44 0.95	23.59 -2.34 0.99	25.79 -2.53 1.05	31.11 -3.00 1.18	39.38 -4.29 1.44	43.43 -4.13 1.64	44.82 -4.33 0.66	41.57 -2.98 0.00	37.84 -2.76 0.00	32.52 -1.71 0.00	29.85 -0.33 0.00
BLUESTONE___WT_PWR 323821	28.27 1.37 0.00	25.48 1.19 0.00	22.84 1.00 0.00	22.30 0.96 0.00	22.06 0.99 0.00	24.46 1.14 0.00	28.69 1.37 0.00	31.60 1.45 0.00	30.85 1.33 0.00	25.62 0.72 -0.19	26.84 0.65 -0.07	27.20 0.61 -0.22	27.76 0.62 -0.33	28.10 0.59 -0.43	28.01 0.73 -0.36	30.69 0.91 -0.41	37.32 1.45 -0.58	47.89 2.03 -0.76	52.71 2.85 -0.66	52.96 3.04 -0.12	47.31 2.76 0.00	42.92 2.31 0.00	36.01 1.78 0.00	31.69 1.51 0.00
BLUE_CIRC_CHEM_DRP 24182	27.73 0.83 0.00	25.09 0.80 0.00	22.55 0.72 0.00	22.04 0.70 0.00	21.77 0.70 0.00	23.95 0.63 0.00	27.95 0.63 0.00	30.82 0.66 0.00	30.14 0.62 0.00	25.02 0.54 0.24	26.63 0.60 0.09	26.72 0.61 0.27	27.04 0.64 0.41	27.22 0.68 0.53	27.20 0.73 0.45	29.60 0.73 0.51	35.46 0.88 0.72	45.24 1.08 0.94	49.61 1.23 0.82	51.01 1.34 0.15	45.84 1.29 0.00	41.82 1.22 0.00	35.23 0.99 0.00	31.02 0.84 0.00
BOC_GAS_DRP 24189	27.63 0.73 0.00	24.99 0.70 0.00	22.46 0.63 0.00	21.98 0.64 0.00	21.71 0.63 0.00	23.88 0.56 0.00	27.92 0.60 0.00	30.88 0.72 0.00	30.26 0.74 0.00	25.03 0.69 0.38	26.68 0.76 0.19	26.67 0.79 0.50	26.92 0.80 0.69	27.07 0.84 0.84	27.04 0.89 0.77	29.46 0.91 0.82	35.27 1.06 1.08	44.94 1.26 1.42	49.29 1.33 1.24	50.93 1.34 0.22	45.75 1.20 0.00	41.70 1.10 0.00	35.16 0.92 0.00	30.93 0.75 0.00
BOONVILLE_115KV_TB1 79983	27.38 0.48 0.00	24.73 0.44 0.00	22.16 0.33 0.00	21.68 0.34 0.00	21.41 0.34 0.00	23.76 0.44 0.00	27.81 0.49 0.00	30.69 0.54 0.00	29.93 0.41 0.00	24.84 0.12 0.00	26.25 0.13 0.00	26.51 0.13 0.00	26.94 0.13 0.00	27.19 0.11 0.00	27.08 0.16 0.00	29.60 0.23 0.00	35.79 0.49 0.00	45.87 0.77 0.00	50.43 1.23 0.00	51.25 1.44 0.00	45.89 1.34 0.00	41.82 1.22 0.00	35.16 0.92 0.00	30.90 0.72 0.00
BORALEX_4TH_BRANCH 23824	28.51 1.61 0.00	25.80 1.51 0.00	23.16 1.33 0.00	22.64 1.30 0.00	22.36 1.29 0.00	24.65 1.33 0.00	28.74 1.42 0.00	31.78 1.63 0.00	31.11 1.59 0.00	25.66 1.41 0.47	27.42 1.54 0.24	27.34 1.58 0.63	27.59 1.64 0.86	27.73 1.71 1.05	27.82 1.86 0.96	30.28 1.94 1.03	36.27 2.33 1.35	46.21 2.89 1.78	50.60 2.95 1.55	52.42 2.89 0.27	47.36 2.81 0.00	43.24 2.64 0.00	36.36 2.12 0.00	31.99 1.81 0.00
BOWLINE___1 23526	28.62 1.72 0.00	25.87 1.58 0.00	23.18 1.35 0.00	22.72 1.39 0.00	22.42 1.35 0.00	24.72 1.40 0.00	29.02 1.69 0.00	32.17 2.02 0.00	31.65 2.13 0.00	29.75 1.95 -3.08	30.13 2.09 -1.92	33.18 2.14 -4.67	34.89 2.20 -5.88	36.34 2.33 -6.93	35.97 2.34 -6.71	38.76 2.47 -6.92	46.76 2.96 -8.50	60.05 3.74 -11.20	62.90 3.94 -9.76	55.47 3.93 -1.73	47.94 3.38 0.00	43.44 2.84 0.00	36.77 2.53 0.00	32.32 2.14 0.00
BOWLINE___2 23595	28.62 1.72 0.00	25.87 1.58 0.00	23.18 1.35 0.00	22.72 1.39 0.00	22.42 1.35 0.00	24.72 1.40 0.00	29.02 1.69 0.00	32.17 2.02 0.00	31.65 2.13 0.00	29.75 1.95 -3.08	30.13 2.09 -1.92	33.18 2.14 -4.67	34.89 2.20 -5.88	36.31 2.30 -6.93	35.97 2.34 -6.71	38.73 2.44 -6.92	46.72 2.93 -8.50	59.96 3.65 -11.21	62.81 3.84 -9.77	55.37 3.84 -1.73	47.85 3.30 0.00	43.40 2.80 0.00	36.73 2.50 0.00	32.29 2.11 0.00
BRADY___115KV_TB2 356060	26.39 -0.51 0.00	23.93 -0.36 0.00	21.48 -0.35 0.00	21.04 -0.30 0.00	20.72 -0.36 0.00	23.09 -0.23 0.00	27.05 -0.27 0.00	30.00 -0.15 0.00	29.05 -0.47 0.00	24.22 -0.49 0.00	25.44 -0.68 0.00	25.64 -0.74 0.00	26.08 -0.72 0.00	26.35 -0.73 0.00	26.11 -0.81 0.00	28.46 -0.91 0.00	34.16 -1.13 0.00	43.97 -1.13 0.00	47.97 -1.23 0.00	48.66 -1.15 0.00	43.66 -0.89 0.00	39.91 -0.69 0.00	33.72 -0.51 0.00	29.57 -0.60 0.00
BRANSCOMB___SOLAR 323811	28.54 1.64 0.00	25.77 1.48 0.00	23.10 1.27 0.00	22.55 1.22 0.00	22.27 1.20 0.00	24.63 1.31 0.00	28.77 1.45 0.00	31.60 1.45 0.00	30.88 1.36 0.00	25.42 1.09 0.39	27.07 1.15 0.20	27.08 1.21 0.52	27.25 1.15 0.71	27.49 1.27 0.87	27.50 1.37 0.79	29.99 1.47 0.85	35.66 1.48 1.11	45.53 1.89 1.46	50.19 2.26 1.28	51.97 2.39 0.23	47.13 2.58 0.00	42.92 2.31 0.00	36.11 1.88 0.00	31.71 1.54 0.00
BRDGHMPT_69_KV_BK1 55812	32.41 2.82 -2.69	28.87 2.72 -1.86	26.94 2.45 -2.66	26.27 2.52 -2.42	26.61 2.57 -2.97	27.86 2.75 -1.79	31.21 3.28 -0.61	38.43 3.83 -4.45	37.61 3.96 -4.13	38.85 3.46 -10.68	39.01 3.58 -9.32	37.74 3.48 -7.87	39.65 3.30 -9.55	40.72 3.41 -10.23	41.38 3.20 -11.26	43.38 3.32 -10.69	54.92 3.85 -15.78	82.36 5.01 -32.25	69.09 5.22 -14.67	58.96 5.33 -3.82	51.69 4.54 -2.59	44.59 3.98 -0.01	40.28 3.42 -2.62	37.37 2.93 -4.26



BRENTWOD_69_KV_W. BRTWOOD 56703	32.35 2.72 -2.73	27.13 2.40 -0.43	24.55 2.10 -0.62	24.01 2.11 -0.56	23.89 2.13 -0.69	25.95 2.22 -0.42	30.09 2.62 -0.15	35.08 3.11 -1.82	33.76 3.22 -1.02	33.66 2.82 -6.12	38.48 3.00 -9.36	37.50 3.11 -8.01	39.58 3.11 -9.66	40.56 3.17 -10.31	41.42 3.10 -11.41	43.31 3.14 -10.80	54.55 3.42 -15.83	81.98 4.28 -32.59	69.11 4.53 -15.38	58.81 4.88 -4.12	51.63 4.50 -2.58	44.59 3.98 -0.01	41.05 3.70 -3.12	37.56 3.05 -4.33
BRISTLHL_115KV_TB1 79998	26.50 -0.40 0.00	23.90 -0.39 0.00	21.48 -0.35 0.00	20.95 -0.38 0.00	20.74 -0.34 0.00	22.92 -0.40 0.00	26.91 -0.41 0.00	29.58 -0.57 0.00	28.90 -0.62 0.00	24.15 -0.57 0.00	25.57 -0.55 0.00	25.83 -0.55 0.00	26.22 -0.59 0.00	26.45 -0.62 0.00	26.38 -0.54 0.00	28.81 -0.56 0.00	34.66 -0.64 0.00	44.34 -0.77 0.00	48.51 -0.69 0.00	49.16 -0.65 0.00	43.97 -0.58 0.00	40.03 -0.57 0.00	33.72 -0.51 0.00	29.75 -0.42 0.00
BROOKHAVEN__DRP 24191	32.12 2.53 -2.69	28.54 2.40 -1.85	26.59 2.12 -2.65	25.92 2.18 -2.40	26.21 2.19 -2.95	27.34 2.24 -1.78	30.55 2.62 -0.60	37.66 3.08 -4.43	36.81 3.19 -4.11	38.15 2.79 -10.64	38.36 2.93 -9.31	37.15 2.90 -7.87	39.11 2.76 -9.54	40.18 2.87 -10.23	40.92 2.75 -11.26	42.85 2.79 -10.69	54.24 3.18 -15.78	81.45 4.10 -32.24	68.18 4.33 -14.65	58.10 4.48 -3.81	51.15 4.01 -2.59	44.14 3.53 -0.01	40.06 3.22 -2.61	37.03 2.60 -4.26
BROOKLYN_NAVY_YARD 23515	28.81 1.91 0.00	26.01 1.72 0.00	23.29 1.46 0.00	22.85 1.52 0.00	22.57 1.50 0.00	24.86 1.54 0.00	29.26 1.94 0.00	32.51 2.35 0.00	32.03 2.51 0.00	30.79 2.35 -3.72	32.02 2.51 -3.40	36.24 2.56 -7.30	37.23 2.60 -7.82	38.23 2.76 -8.39	39.03 2.80 -9.31	41.14 2.94 -8.83	47.87 3.53 -9.05	61.41 4.37 -11.93	64.17 4.58 -10.40	56.28 4.63 -1.84	48.47 3.92 0.00	43.89 3.29 0.00	37.18 2.94 0.00	32.68 2.50 0.00
BROOKLYN__ARMY_DRP 323595	29.19 2.29 -0.01	26.36 2.06 -0.01	23.59 1.75 -0.01	23.10 1.75 -0.01	22.81 1.73 -0.01	25.05 1.73 0.00	29.37 2.05 0.00	32.62 2.47 0.00	32.27 2.75 0.00	30.92 2.42 -3.78	32.29 2.59 -3.58	36.63 2.64 -7.61	37.52 2.68 -8.03	38.39 2.79 -8.52	39.33 2.80 -9.60	41.33 2.94 -9.03	47.90 3.56 -9.04	61.44 4.42 -11.92	64.17 4.58 -10.39	56.23 4.58 -1.84	48.38 3.83 0.00	43.97 3.37 0.00	37.55 3.32 0.00	33.04 2.87 0.00
BROOME_2_LFGE 323671	27.28 0.38 0.00	24.56 0.27 0.00	22.11 0.28 0.00	21.55 0.21 0.00	21.33 0.25 0.00	23.58 0.26 0.00	27.68 0.35 0.00	30.42 0.35 0.00	29.76 0.27 0.00	24.97 0.24 0.00	26.19 0.00 -0.18	26.56 -0.03 -0.07	27.07 -0.05 -0.20	27.45 -0.03 -0.31	27.37 0.11 -0.40	29.87 0.12 -0.34	36.05 0.21 -0.54	46.09 0.27 -0.72	50.38 0.54 -0.63	50.47 0.55 -0.11	45.22 0.67 0.00	41.17 0.57 0.00	34.75 0.51 0.00	30.87 0.69 0.00
BROOME__LFGE 323600	27.28 0.38 0.00	24.56 0.27 0.00	22.11 0.28 0.00	21.55 0.21 0.00	21.33 0.25 0.00	23.58 0.26 0.00	27.68 0.35 0.00	30.42 0.35 0.00	29.76 0.27 0.00	24.97 0.24 -0.18	26.19 0.00 -0.07	26.56 -0.03 -0.20	27.07 -0.05 -0.31	27.45 -0.03 -0.40	27.37 0.11 -0.34	29.87 0.12 -0.38	36.05 0.21 -0.54	46.09 0.27 -0.72	50.38 0.54 -0.63	50.47 0.55 -0.11	45.22 0.67 0.00	41.17 0.57 0.00	34.75 0.51 0.00	30.87 0.69 0.00
BROWNFLS_115KV_TB 3_5 80003	26.71 -0.19 0.00	24.17 -0.12 0.00	21.61 -0.22 0.00	21.19 -0.15 0.00	20.91 -0.17 0.00	23.25 -0.07 0.00	27.16 -0.16 0.00	30.00 -0.15 0.00	29.14 -0.38 0.00	24.12 -0.59 0.00	25.44 -0.68 0.00	25.70 -0.69 0.00	26.11 -0.70 0.00	26.32 -0.76 0.00	26.22 -0.70 0.00	28.61 -0.76 0.00	34.48 -0.81 0.00	44.24 -0.86 0.00	48.66 -0.54 0.00	49.61 -0.20 0.00	44.42 -0.13 0.00	40.68 0.08 0.00	34.37 0.14 0.00	30.18 0.00 0.00
BROWNSV1_27_KV_LOAD 356125	29.10 2.21 0.00	26.28 1.99 0.00	23.53 1.70 0.00	23.07 1.73 0.00	22.78 1.71 0.00	25.09 1.77 0.00	29.51 2.19 0.00	32.84 2.68 0.00	32.47 2.95 0.00	31.08 2.64 -3.72	32.34 2.82 -3.40	36.55 2.88 -7.30	37.55 2.92 -7.82	38.50 3.03 -8.39	39.30 3.07 -9.31	41.43 3.23 -8.83	48.26 3.92 -9.05	61.90 4.87 -11.93	64.71 5.12 -10.40	56.83 5.18 -1.84	48.96 4.41 0.00	44.38 3.78 0.00	37.59 3.35 0.00	33.01 2.84 0.00
BURROWS__LYONSDAL 23803	27.28 0.38 0.00	24.63 0.34 0.00	22.05 0.22 0.00	21.57 0.23 0.00	21.31 0.23 0.00	23.67 0.35 0.00	27.68 0.36 0.00	30.54 0.39 0.00	29.79 0.27 0.00	24.69 -0.02 0.00	26.07 -0.05 0.00	26.35 -0.03 0.00	26.75 -0.05 0.00	27.00 -0.08 0.00	26.92 0.00 0.00	29.40 0.03 0.00	35.57 0.28 0.00	45.60 0.50 0.00	50.18 0.98 0.00	51.00 1.20 0.00	45.71 1.16 0.00	41.66 1.06 0.00	35.02 0.79 0.00	30.78 0.60 0.00
CAITHNESS_CC_1 323624	32.09 2.50 -2.69	28.46 2.33 -1.84	26.51 2.05 -2.63	25.84 2.11 -2.39	26.13 2.13 -2.93	27.28 2.19 -1.77	30.52 2.60 -0.60	37.52 2.96 -4.41	36.58 2.98 -4.08	38.01 2.69 -10.60	38.22 2.80 -9.31	37.04 2.80 -7.87	39.03 2.68 -9.54	40.09 2.79 -10.23	40.89 2.72 -11.25	42.82 2.76 -10.69	54.24 3.18 -15.77	81.44 4.10 -32.24	68.17 4.33 -14.63	58.00 4.38 -3.80	51.11 3.96 -2.59	44.06 3.45 -0.01	40.05 3.22 -2.60	37.03 2.60 -4.26
CALPINE BETH_PAGE_GT4 24209	32.62 2.37 -3.35	26.54 2.19 -0.06	23.81 1.90 -0.08	23.36 1.94 -0.08	23.12 1.96 -0.09	25.38 2.01 -0.06	29.72 2.38 -0.03	34.28 2.77 -1.35	32.66 2.92 -0.22	32.77 2.60 -5.46	40.50 2.74 -11.64	38.90 2.66 -9.85	40.72 2.71 -11.20	41.29 2.73 -11.48	43.09 2.72 -13.45	44.40 2.73 -12.30	55.85 3.21 -17.35	86.31 3.97 -37.24	78.89 4.18 -25.51	62.21 4.28 -8.11	51.52 3.83 -3.14	43.94 3.33 -0.01	47.13 3.12 -9.78	38.05 2.57 -5.31
CALPINE_BETH_PAGE_GT_4 323586	32.62 2.37 -3.35	26.54 2.19 -0.06	23.81 1.90 -0.08	23.38 1.96 -0.08	23.12 1.96 -0.09	25.38 2.01 -0.06	29.75 2.40 -0.03	34.25 2.74 -1.35	32.55 2.81 -0.22	32.72 2.55 -5.46	40.45 2.69 -11.64	38.82 2.59 -9.85	40.64 2.63 -11.20	41.29 2.73 -11.48	43.09 2.72 -13.45	44.40 2.73 -12.30	55.85 3.21 -17.35	86.36 4.01 -37.24	78.94 4.23 -25.51	62.21 4.28 -8.11	51.53 3.83 -3.14	43.94 3.33 -0.01	47.13 3.11 -9.78	38.20 2.72 -5.31
CALPINE_BP_GT1 23823	32.62 2.37 -3.35	26.54 2.19 -0.06	23.81 1.90 -0.08	23.38 1.96 -0.08	23.12 1.96 -0.09	25.38 2.01 -0.06	29.75 2.40 -0.03	34.25 2.74 -1.35	32.55 2.81 -0.22	32.72 2.55 -5.46	40.45 2.69 -11.64	38.82 2.59 -9.85	40.64 2.63 -11.20	41.29 2.73 -11.48	43.09 2.72 -13.45	44.40 2.73 -12.30	55.85 3.21 -17.35	86.36 4.01 -37.24	78.94 4.23 -25.51	62.21 4.28 -8.11	51.53 3.83 -3.14	43.94 3.33 -0.01	47.13 3.11 -9.78	38.20 2.72 -5.31
CALSPAN__DRP 24200	26.41 -0.48 0.00	23.44 -0.85 0.00	21.31 -0.52 0.00	20.72 -0.62 0.00	20.48 -0.59 0.00	22.83 -0.49 0.00	26.80 -0.52 0.00	29.04 -1.12 0.00	28.55 -0.97 0.00	23.74 -1.06 -0.08	22.88 -1.28 1.96	23.99 -1.40 0.99	23.32 -1.45 2.04	23.52 -1.41 2.15	23.37 -1.37 2.18	25.60 -1.44 2.33	30.81 -1.80 2.68	39.05 -2.75 3.30	43.18 -2.36 3.66	45.99 -2.44 1.38	42.95 -1.60 0.00	39.06 -1.54 0.00	33.51 -0.72 0.00	30.54 0.36 0.00

CALVERTON___SOLAR 323806	32.17 2.58 -2.69	28.62 2.48 -1.85	26.67 2.18 -2.65	25.99 2.24 -2.41	26.29 2.26 -2.96	27.44 2.33 -1.79	30.69 2.76 -0.61	37.72 3.14 -4.44	36.80 3.16 -4.12	38.19 2.82 -10.66	38.33 2.90 -9.31	37.10 2.85 -7.87	39.06 2.71 -9.54	40.15 2.84 -10.23	40.95 2.77 -11.26	42.88 2.82 -10.69	54.31 3.24 -15.78	81.59 4.24 -32.25	68.38 4.52 -14.66	58.20 4.58 -3.81	51.20 4.05 -2.59	44.19 3.57 -0.01	40.06 3.22 -2.61	37.06 2.62 -4.26
CANDIGU_WT_PWR 323617	26.66 -0.24 0.00	23.85 -0.44 0.00	21.55 -0.28 0.00	20.93 -0.41 0.00	20.78 -0.30 0.00	23.02 -0.30 0.00	26.99 -0.33 0.00	29.37 -0.78 0.00	28.66 -0.86 0.00	23.75 -1.09 -0.12	-2.28 -1.33 27.07	10.22 -1.50 14.65	-4.31 -1.53 29.59	-6.00 -1.52 31.56	-6.00 -1.35 31.58	-6.00 -1.44 33.93	-6.00 -1.69 39.60	-6.00 -2.07 49.03	-6.00 -1.82 53.38	28.52 -1.84 19.45	43.26 -1.29 0.00	39.39 -1.22 0.00	33.55 -0.68 0.00	30.21 0.03 0.00
CARR STREET_E_SYR 24060	26.93 0.03 0.00	24.27 -0.02 0.00	21.83 0.00 0.00	21.27 -0.06 0.00	21.05 -0.02 0.00	23.27 -0.05 0.00	27.35 0.03 0.00	30.09 -0.06 0.00	29.46 -0.06 0.00	24.59 -0.12 0.00	26.02 -0.10 0.00	26.30 -0.08 0.00	26.70 -0.11 0.00	26.89 -0.19 0.00	26.84 -0.08 0.00	29.31 -0.06 0.00	35.26 -0.04 0.00	45.10 0.00 0.00	49.40 0.20 0.00	50.01 0.20 0.00	44.73 0.18 0.00	40.72 0.12 0.00	34.30 0.07 0.00	30.30 0.12 0.00
CARTHAGE___PAPER 23857	27.14 0.24 0.00	24.53 0.24 0.00	21.92 0.09 0.00	21.47 0.13 0.00	21.20 0.13 0.00	23.60 0.28 0.00	27.59 0.27 0.00	30.42 0.27 0.00	29.55 0.03 0.00	24.35 -0.37 0.00	25.73 -0.39 0.00	25.99 -0.39 0.00	26.41 -0.40 0.00	26.59 -0.49 0.00	26.52 -0.40 0.00	28.99 -0.38 0.00	35.08 -0.21 0.00	45.10 0.00 0.00	49.89 0.69 0.00	50.95 1.15 0.00	45.67 1.11 0.00	41.74 1.14 0.00	35.02 0.79 0.00	30.63 0.45 0.00
CASSADAGA_WT_PWR 323784	26.42 -0.48 0.00	23.44 -0.85 0.00	21.29 -0.54 0.00	20.63 -0.70 0.00	20.51 -0.57 0.00	22.88 -0.44 0.00	26.88 -0.44 0.00	29.22 -0.93 0.00	28.96 -0.56 0.00	23.94 -0.87 -0.09	23.78 -1.25 1.08	24.32 -1.56 0.51	24.02 -1.72 1.07	24.21 -1.76 1.11	24.00 -1.78 1.14	26.24 -1.91 1.22	31.55 -2.36 1.38	39.85 -3.56 1.68	44.10 -3.20 1.91	45.82 -3.24 0.75	42.33 -2.23 0.00	38.49 -2.11 0.00	32.93 -1.30 0.00	30.00 -0.18 0.00
CE_DUNWOOD___DRP 24194	28.75 1.86 0.00	25.99 1.70 0.00	23.29 1.46 0.00	22.81 1.47 0.00	22.53 1.45 0.00	24.81 1.49 0.00	29.15 1.83 0.00	32.38 2.23 0.00	31.94 2.42 0.00	30.36 2.17 -3.47	30.92 2.35 -2.45	34.48 2.40 -5.70	36.06 2.44 -6.81	37.43 2.55 -7.81	37.38 2.58 -7.87	39.99 2.70 -7.92	47.82 3.28 -9.24	61.39 4.10 -12.19	64.15 4.33 -10.62	56.02 4.33 -1.88	48.25 3.70 0.00	43.77 3.17 0.00	37.01 2.77 0.00	32.50 2.32 0.00
CE_MILLWOOD___DRP 24193	28.70 1.80 0.00	25.94 1.65 0.00	23.25 1.42 0.00	22.79 1.45 0.00	22.51 1.43 0.00	24.79 1.47 0.00	29.10 1.78 0.00	32.32 2.17 0.00	31.88 2.36 0.00	30.28 2.13 -3.44	30.66 2.27 -2.27	34.10 2.32 -5.40	35.84 2.39 -6.65	37.29 2.46 -7.75	37.06 2.50 -7.63	39.80 2.64 -7.79	47.83 3.18 -9.36	61.46 4.01 -12.34	64.14 4.18 -10.76	55.94 4.23 -1.90	48.16 3.61 0.00	43.69 3.09 0.00	36.94 2.70 0.00	32.41 2.23 0.00
CE_NYC2_DRP 24202	29.03 2.13 -0.01	26.24 1.94 -0.01	23.50 1.66 -0.01	23.03 1.69 -0.01	22.77 1.69 -0.01	25.00 1.68 0.00	29.34 2.02 0.00	32.59 2.44 0.00	32.24 2.72 0.00	30.92 2.42 -3.78	32.26 2.56 -3.58	36.61 2.61 -7.61	37.49 2.65 -8.03	38.33 2.73 -8.52	39.30 2.77 -9.60	41.27 2.88 -9.03	47.79 3.46 -9.04	61.26 4.24 -11.91	64.01 4.43 -10.38	56.07 4.43 -1.83	48.25 3.70 0.00	43.89 3.29 0.00	37.38 3.15 0.00	32.86 2.69 0.00
CE_NYC_DRP 24195	28.92 2.02 0.00	26.14 1.85 0.00	23.40 1.57 0.00	22.94 1.60 0.00	22.65 1.58 0.00	24.95 1.63 0.00	29.32 1.99 0.00	32.62 2.47 0.00	32.24 2.72 0.00	30.90 2.47 -3.71	32.09 2.61 -3.36	36.27 2.66 -7.23	37.31 2.73 -7.77	38.25 2.82 -8.36	39.02 2.85 -9.25	41.15 3.00 -8.79	47.94 3.60 -9.05	61.50 4.47 -11.93	64.27 4.67 -10.40	56.38 4.73 -1.84	48.56 4.01 0.00	44.01 3.41 0.00	37.28 3.05 0.00	32.77 2.60 0.00
CHAFFEE___LFGE 323603	26.44 -0.46 0.00	23.46 -0.83 0.00	21.33 -0.50 0.00	20.65 -0.68 0.00	20.51 -0.57 0.00	22.81 -0.51 0.00	26.69 -0.63 0.00	28.98 -1.18 0.00	28.66 -0.86 0.00	23.77 -1.04 -0.09	23.40 -1.28 1.44	24.25 -1.42 0.71	23.89 -1.45 1.47	24.13 -1.41 1.54	23.98 -1.37 1.57	26.28 -1.41 1.68	31.61 -1.76 1.92	40.04 -2.70 2.35	44.26 -2.31 2.63	46.41 -2.39 1.01	43.12 -1.43 0.00	39.18 -1.42 0.00	33.62 -0.62 0.00	30.60 0.42 0.00
CHATEAUG_35_KV_LOAD 355732	25.88 -1.02 0.00	23.46 -0.83 0.00	21.11 -0.72 0.00	20.68 -0.66 0.00	20.40 -0.67 0.00	22.67 -0.65 0.00	26.58 -0.74 0.00	29.49 -0.66 0.00	28.66 -0.86 0.00	23.95 -0.77 0.00	25.18 -0.94 0.00	25.40 -0.98 0.00	25.82 -0.99 0.00	26.05 -1.03 0.00	25.79 -1.13 0.00	28.08 -1.29 0.00	33.74 -1.55 0.00	43.30 -1.80 0.00	47.13 -2.07 0.00	47.67 -2.14 0.00	42.55 -2.00 0.00	38.73 -1.87 0.00	32.59 -1.64 0.00	28.64 -1.54 0.00
CHATEAUG_WT_PWR 323614	25.85 -1.05 0.00	23.44 -0.85 0.00	21.09 -0.74 0.00	20.65 -0.68 0.00	20.36 -0.72 0.00	22.62 -0.70 0.00	26.53 -0.79 0.00	29.43 -0.72 0.00	28.64 -0.88 0.00	23.92 -0.79 0.00	25.15 -0.97 0.00	25.38 -1.00 0.00	25.79 -1.02 0.00	26.02 -1.06 0.00	25.76 -1.16 0.00	28.05 -1.32 0.00	33.63 -1.66 0.00	43.16 -1.94 0.00	46.99 -2.21 0.00	47.47 -2.34 0.00	42.37 -2.18 0.00	38.57 -2.03 0.00	32.45 -1.78 0.00	28.52 -1.66 0.00
CHAT_HIGH_FALL_HYD 323578	25.88 -1.02 0.00	23.46 -0.83 0.00	21.11 -0.72 0.00	20.68 -0.66 0.00	20.40 -0.67 0.00	22.67 -0.65 0.00	26.58 -0.74 0.00	29.49 -0.66 0.00	28.66 -0.86 0.00	23.95 -0.77 0.00	25.18 -0.94 0.00	25.40 -0.98 0.00	25.82 -0.99 0.00	26.05 -1.03 0.00	25.79 -1.13 0.00	28.08 -1.29 0.00	33.74 -1.55 0.00	43.30 -1.80 0.00	47.13 -2.07 0.00	47.67 -2.14 0.00	42.55 -2.00 0.00	38.73 -1.87 0.00	32.59 -1.64 0.00	28.64 -1.54 0.00
CHAUTAUQUA___LFGE 323629	26.58 -0.32 0.00	23.58 -0.71 0.00	21.42 -0.42 0.00	20.76 -0.58 0.00	20.63 -0.44 0.00	22.97 -0.35 0.00	26.94 -0.38 0.00	29.25 -0.90 0.00	28.96 -0.56 0.00	23.99 -0.81 -0.09	23.55 -1.02 1.55	24.41 -1.21 0.76	23.91 -1.31 1.58	24.12 -1.30 1.66	23.94 -1.29 1.69	26.21 -1.35 1.81	31.53 -1.69 2.07	39.94 -2.62 2.54	44.15 -2.21 2.83	46.43 -2.29 1.09	43.04 -1.51 0.00	39.14 -1.46 0.00	33.51 -0.72 0.00	30.51 0.33 0.00
CHERRYST_13_KV_LD 356241	29.00 2.10 0.00	26.18 1.89 0.00	23.45 1.62 0.00	22.98 1.64 0.00	22.72 1.64 0.00	25.02 1.70 0.00	29.43 2.10 0.00	32.75 2.59 0.00	32.35 2.83 0.00	31.00 2.57 -3.71	32.22 2.74 -3.36	36.41 2.80 -7.23	37.43 2.84 -7.78	38.39 2.95 -8.36	39.14 2.96 -9.25	41.30 3.14 -8.79	48.12 3.78 -9.05	61.72 4.69 -11.93	64.47 4.87 -10.40	56.58 4.93 -1.84	48.74 4.19 0.00	44.14 3.53 0.00	37.42 3.18 0.00	32.86 2.69 0.00

CHESTROR_138KV_BK263 355645	28.38 1.48 0.00	25.65 1.36 0.00	22.99 1.16 0.00	22.51 1.17 0.00	22.23 1.16 0.00	24.51 1.19 0.00	28.74 1.42 0.00	31.87 1.72 0.00	31.38 1.86 0.00	28.91 1.66 -2.54	29.31 1.78 -1.42	31.79 1.82 -3.59	33.42 1.88 -4.74	34.74 1.95 -5.72	34.26 1.99 -5.34	37.12 2.11 -5.64	45.07 2.58 -7.20	57.84 3.25 -9.49	60.96 3.49 -8.27	54.76 3.49 -1.46	47.54 2.98 0.00	43.12 2.52 0.00	36.42 2.19 0.00	31.99 1.81 0.00
CH_MIDHUDSON___DRP 24192	28.54 1.64 0.00	25.82 1.53 0.00	23.12 1.29 0.00	22.64 1.30 0.00	22.38 1.31 0.00	24.65 1.33 0.00	28.88 1.56 0.00	32.05 1.90 0.00	31.53 2.01 0.00	27.37 1.75 -0.90	28.27 1.88 -0.27	29.25 1.95 -0.92	30.34 2.01 -1.52	31.21 2.11 -2.02	30.74 2.18 -1.64	33.58 2.32 -1.90	40.92 2.82 -2.81	52.41 3.61 -3.70	56.31 3.89 -3.22	54.21 3.84 -0.57	47.89 3.34 0.00	43.49 2.88 0.00	36.66 2.43 0.00	32.20 2.02 0.00
CH_MISC_IPPS 23765	28.67 1.77 0.00	25.92 1.63 0.00	23.21 1.38 0.00	22.75 1.41 0.00	22.44 1.37 0.00	24.77 1.45 0.00	29.07 1.75 0.00	32.17 2.02 0.00	31.59 2.07 0.00	28.14 1.83 -1.59	28.66 1.93 -0.61	30.20 2.00 -1.81	31.68 2.09 -2.78	32.90 2.25 -3.57	32.29 2.34 -3.03	35.30 2.53 -3.41	43.22 3.11 -4.83	55.48 4.01 -6.36	59.08 4.33 -5.54	55.12 4.33 -0.98	48.29 3.74 0.00	43.77 3.17 0.00	36.91 2.67 0.00	32.41 2.23 0.00
CH_RES_BVR_FALLS 23983	26.36 -0.54 0.00	23.85 -0.44 0.00	21.44 -0.39 0.00	20.96 -0.38 0.00	20.67 -0.40 0.00	22.92 -0.40 0.00	26.86 -0.46 0.00	29.73 -0.42 0.00	29.08 -0.44 0.00	24.32 -0.40 0.00	25.62 -0.50 0.00	25.85 -0.53 0.00	26.27 -0.54 0.00	26.51 -0.57 0.00	26.33 -0.59 0.00	28.72 -0.65 0.00	34.51 -0.78 0.00	44.20 -0.90 0.00	48.22 -0.98 0.00	48.76 -1.05 0.00	43.57 -0.98 0.00	39.67 -0.93 0.00	33.41 -0.82 0.00	29.42 -0.75 0.00
CH_RES_NIAGARA 23895	25.66 -1.24 0.00	22.81 -1.48 0.00	20.72 -1.11 0.00	20.14 -1.19 0.00	19.91 -1.16 0.00	22.18 -1.14 0.00	25.94 -1.37 0.02	28.08 -2.05 0.02	27.55 -1.95 0.02	22.92 -1.85 -0.06	21.56 -1.80 2.75	23.01 -1.93 1.44	21.87 -2.01 2.92	22.01 -1.98 3.09	21.81 -1.99 3.12	23.91 -2.11 3.35	28.74 -2.68 3.87	36.55 -3.79 4.77	40.42 -3.54 5.24	44.26 -3.59 1.96	41.50 -3.03 0.02	37.70 -2.88 0.02	32.47 -1.75 0.02	29.61 -0.54 0.02
CH_RES_SYRACUSE 23985	26.93 0.03 0.00	24.29 0.00 0.00	21.83 0.00 0.00	21.27 -0.06 0.00	21.05 -0.02 0.00	23.27 -0.05 0.00	27.35 0.03 0.00	30.12 -0.03 0.00	29.46 -0.06 0.00	24.57 -0.15 0.00	26.02 -0.10 0.00	26.28 -0.11 0.00	26.70 -0.11 0.00	26.86 -0.22 0.00	26.81 -0.11 0.00	29.28 -0.09 0.00	35.22 -0.07 0.00	45.06 -0.05 0.00	49.35 0.15 0.00	50.01 0.20 0.00	44.69 0.13 0.00	40.68 0.08 0.00	34.30 0.07 0.00	30.30 0.12 0.00
CLINTON_WT_PWR 323605	25.85 -1.05 0.00	23.44 -0.85 0.00	21.09 -0.74 0.00	20.65 -0.68 0.00	20.36 -0.72 0.00	22.62 -0.70 0.00	26.53 -0.79 0.00	29.43 -0.72 0.00	28.64 -0.88 0.00	23.92 -0.79 0.00	25.15 -0.97 0.00	25.38 -1.00 0.00	25.79 -1.02 0.00	26.02 -1.06 0.00	25.76 -1.16 0.00	28.05 -1.32 0.00	33.63 -1.66 0.00	43.16 -1.94 0.00	46.99 -2.21 0.00	47.47 -2.34 0.00	42.37 -2.18 0.00	38.57 -2.03 0.00	32.45 -1.78 0.00	28.52 -1.66 0.00
CLINTON___LFGE 323618	26.12 -0.78 0.00	23.76 -0.53 0.00	21.37 -0.46 0.00	20.93 -0.41 0.00	20.65 -0.42 0.00	22.95 -0.37 0.00	26.91 -0.41 0.00	29.91 -0.24 0.00	29.05 -0.47 0.00	24.24 -0.47 0.00	25.47 -0.65 0.00	25.67 -0.71 0.00	26.09 -0.72 0.00	26.40 -0.68 0.00	26.14 -0.78 0.00	28.43 -0.94 0.00	34.16 -1.13 0.00	43.98 -1.13 0.00	47.87 -1.33 0.00	48.36 -1.45 0.00	43.12 -1.43 0.00	39.26 -1.34 0.00	33.03 -1.20 0.00	28.97 -1.21 0.00
COBBLENY_34_KV_TB1 80064	26.44 -0.46 0.00	23.46 -0.83 0.00	21.33 -0.50 0.00	20.74 -0.60 0.00	20.50 -0.57 0.00	22.85 -0.47 0.00	26.83 -0.49 0.00	29.10 -1.06 0.00	28.60 -0.92 0.00	23.79 -1.01 -0.09	23.39 -1.28 1.44	24.28 -1.40 0.71	23.89 -1.45 1.47	24.13 -1.41 1.54	23.98 -1.37 1.57	26.28 -1.41 1.68	31.61 -1.76 1.92	40.09 -2.66 2.35	44.26 -2.31 2.63	46.41 -2.39 1.01	43.13 -1.43 0.00	39.18 -1.42 0.00	33.62 -0.62 0.00	30.60 0.42 0.00
COFFEEN___115KV_TB3 355620	27.52 0.62 0.00	24.85 0.56 0.00	22.18 0.35 0.00	21.74 0.41 0.00	21.47 0.40 0.00	23.93 0.61 0.00	27.95 0.63 0.00	30.79 0.63 0.00	29.87 0.35 0.00	24.54 -0.17 0.00	25.91 -0.21 0.00	26.22 -0.16 0.00	26.59 -0.21 0.00	26.78 -0.30 0.00	26.73 -0.19 0.00	29.25 -0.12 0.00	35.54 0.25 0.00	45.69 0.59 0.00	50.78 1.57 0.00	52.00 2.19 0.00	46.60 2.05 0.00	42.51 1.91 0.00	35.60 1.37 0.00	31.26 1.09 0.00
COLDSPRG_115KV_BK1 355956	26.76 -0.13 0.00	23.76 -0.53 0.00	21.57 -0.26 0.00	21.00 -0.34 0.00	20.78 -0.30 0.00	23.20 -0.12 0.00	27.32 0.00 0.00	29.70 -0.45 0.00	29.22 -0.30 0.00	24.24 -0.57 -0.09	25.01 -1.15 -0.04	25.17 -1.32 -0.11	25.52 -1.45 -0.16	25.85 -1.44 -0.21	25.70 -1.40 -0.18	28.10 -1.47 -0.20	33.81 -1.76 -0.29	42.59 -2.89 -0.38	46.97 -2.56 -0.33	47.28 -2.59 -0.06	43.30 -1.25 0.00	39.34 -1.26 0.00	33.65 -0.58 0.00	30.72 0.54 0.00
COLONIE_LFGE___ 323577	28.14 1.24 0.00	25.43 1.14 0.00	22.84 1.00 0.00	22.32 0.98 0.00	22.04 0.97 0.00	24.30 0.98 0.00	28.39 1.06 0.00	31.30 1.15 0.00	30.64 1.12 0.00	25.27 0.96 0.41	26.96 1.05 0.21	26.94 1.11 0.55	27.19 1.13 0.75	27.41 1.25 0.91	27.41 1.32 0.83	29.88 1.41 0.89	35.74 1.62 1.17	45.54 1.98 1.55	49.97 2.11 1.35	51.71 2.14 0.24	46.69 2.14 0.00	42.55 1.95 0.00	35.78 1.54 0.00	31.47 1.30 0.00
COOPERNY_115KV_TB1 80082	28.00 1.10 0.00	25.31 1.02 0.00	22.70 0.87 0.00	22.21 0.87 0.00	21.96 0.89 0.00	24.21 0.89 0.00	28.39 1.07 0.00	31.42 1.27 0.00	30.91 1.39 0.00	27.51 1.21 -1.58	28.22 1.31 -0.79	29.80 1.32 -2.10	31.06 1.37 -2.89	32.04 1.41 -3.56	31.60 1.45 -3.23	34.37 1.53 -3.47	41.74 1.87 -4.58	53.49 2.35 -6.04	57.02 2.56 -5.26	53.28 2.54 -0.93	46.73 2.18 0.00	42.47 1.87 0.00	35.84 1.61 0.00	31.53 1.36 0.00
COPENHAGEN_WT_PWR 323753	27.30 0.40 0.00	24.65 0.36 0.00	22.03 0.20 0.00	21.57 0.24 0.00	21.33 0.25 0.00	23.72 0.40 0.00	27.73 0.41 0.00	30.57 0.42 0.00	29.70 0.18 0.00	24.44 -0.27 0.00	25.86 -0.26 0.00	26.14 -0.24 0.00	26.54 -0.27 0.00	26.70 -0.38 0.00	26.65 -0.27 0.00	29.13 -0.24 0.00	35.33 0.04 0.00	45.37 0.27 0.00	50.28 1.08 0.00	51.40 1.59 0.00	46.02 1.47 0.00	42.02 1.42 0.00	35.23 0.99 0.00	30.84 0.66 0.00
CORNELL_____ 23752	27.46 0.56 0.00	24.75 0.46 0.00	22.25 0.41 0.00	21.70 0.36 0.00	21.47 0.40 0.00	23.76 0.44 0.00	27.95 0.63 0.00	30.73 0.57 0.00	29.96 0.44 0.00	25.01 0.17 -0.13	27.37 0.13 -1.12	27.22 0.11 -0.73	28.29 0.08 -1.40	28.71 0.08 -1.55	28.64 0.22 -1.50	31.28 0.29 -1.62	37.71 0.46 -1.96	48.33 0.77 -2.46	53.00 1.23 -2.57	52.00 1.34 -0.85	45.84 1.29 0.00	41.70 1.10 0.00	35.12 0.89 0.00	31.05 0.88 0.00

CORONA_69_KV_TB1 355595	34.03 2.31 -4.82	26.48 2.16 -0.03	23.74 1.88 -0.04	23.31 1.94 -0.03	23.05 1.94 -0.04	25.33 1.98 -0.03	29.69 2.35 -0.02	34.73 2.74 -1.84	32.63 2.92 -0.19	33.95 2.57 -6.66	46.00 2.72 -17.16	43.41 2.77 -14.26	44.51 2.81 -14.89	44.19 2.84 -14.26	48.08 2.83 -18.33	48.20 2.94 -15.90	59.82 3.53 -21.00	97.86 4.37 -48.38	131.22 4.67 -77.34	82.84 4.73 -28.30	53.22 4.14 -4.52	44.23 3.61 -0.02	76.70 3.39 -39.07	40.60 2.78 -7.64
CORTLAND_115KV_TB3 80093	27.36 0.46 0.00	24.65 0.36 0.00	22.18 0.35 0.00	21.64 0.30 0.00	21.41 0.34 0.00	23.67 0.35 0.00	27.81 0.49 0.00	30.60 0.45 0.00	29.90 0.38 0.00	24.99 0.17 -0.11	26.29 0.13 -0.04	26.63 0.13 -0.12	27.10 0.11 -0.18	27.39 0.08 -0.24	27.34 0.22 -0.20	29.86 0.26 -0.22	36.03 0.42 -0.32	46.15 0.63 -0.42	50.55 0.98 -0.37	50.92 1.05 -0.06	45.58 1.02 0.00	41.50 0.89 0.00	34.95 0.72 0.00	30.90 0.72 0.00
COXSACKIE___GT 23611	28.35 1.45 0.00	25.62 1.34 0.00	22.92 1.09 0.00	22.40 1.07 0.00	22.11 1.03 0.00	24.46 1.14 0.00	28.63 1.31 0.00	31.45 1.30 0.00	30.61 1.09 0.00	25.66 0.84 -0.10	26.99 0.84 -0.04	27.40 0.90 -0.12	27.95 0.96 -0.18	28.45 1.14 -0.24	28.44 1.32 -0.20	31.06 1.47 -0.22	37.48 1.87 -0.32	48.18 2.66 -0.42	53.01 3.44 -0.36	53.46 3.59 -0.06	47.71 3.16 0.00	43.44 2.84 0.00	36.36 2.12 0.00	31.87 1.69 0.00
CPV_VALLEY___CC1 323721	28.16 1.26 0.00	25.46 1.17 0.00	22.84 1.00 0.00	22.36 1.02 0.00	22.09 1.01 0.00	24.34 1.02 0.00	28.55 1.23 0.00	31.60 1.45 0.00	31.05 1.53 0.00	28.28 1.43 -2.13	28.71 1.51 -1.08	30.78 1.56 -2.84	32.31 1.61 -3.90	33.60 1.73 -4.79	33.03 1.75 -4.35	35.90 1.85 -4.68	43.71 2.26 -6.16	56.06 2.84 -8.12	59.28 3.00 -7.07	54.05 2.99 -1.25	47.09 2.54 0.00	42.75 2.15 0.00	36.11 1.88 0.00	31.75 1.57 0.00
CPV_VALLEY___CC2 323722	28.16 1.26 0.00	25.46 1.17 0.00	22.84 1.00 0.00	22.36 1.02 0.00	22.09 1.01 0.00	24.34 1.02 0.00	28.55 1.23 0.00	31.60 1.45 0.00	31.05 1.53 0.00	28.28 1.43 -2.13	28.71 1.51 -1.08	30.78 1.56 -2.84	32.31 1.61 -3.90	33.60 1.73 -4.79	33.03 1.75 -4.35	35.90 1.85 -4.68	43.71 2.26 -6.16	56.06 2.84 -8.12	59.28 3.00 -7.07	54.05 2.99 -1.25	47.09 2.54 0.00	42.75 2.15 0.00	36.11 1.88 0.00	31.75 1.57 0.00
CRESCENT___HYD 24018	28.14 1.24 0.00	25.43 1.14 0.00	22.84 1.00 0.00	22.32 0.98 0.00	22.04 0.97 0.00	24.30 0.98 0.00	28.39 1.06 0.00	31.30 1.15 0.00	30.64 1.12 0.00	25.27 0.96 0.41	26.96 1.05 0.21	26.94 1.11 0.55	27.19 1.13 0.75	27.41 1.25 0.91	27.41 1.32 0.83	29.88 1.41 0.89	35.74 1.62 1.17	45.54 1.98 1.55	49.97 2.11 1.35	51.71 2.14 0.24	46.69 2.14 0.00	42.55 1.95 0.00	35.78 1.54 0.00	31.47 1.30 0.00
CRICKET___VALLEY_CC1 323756	28.27 1.37 0.00	25.60 1.31 0.00	22.97 1.13 0.00	22.51 1.17 0.00	22.21 1.14 0.00	24.46 1.14 0.00	28.58 1.26 0.00	31.63 1.48 0.00	31.02 1.50 0.00	25.12 1.41 1.00	27.13 1.51 0.51	26.63 1.58 1.33	26.61 1.64 1.83	26.61 1.79 2.25	26.73 1.86 2.05	29.08 1.91 2.20	34.72 2.33 2.90	44.21 2.93 3.82	48.82 2.95 3.33	52.16 2.94 0.59	47.18 2.63 0.00	42.92 2.31 0.00	36.18 1.95 0.00	31.81 1.63 0.00
CRICKET___VALLEY_CC2 323757	28.27 1.37 0.00	25.60 1.31 0.00	22.97 1.13 0.00	22.51 1.17 0.00	22.21 1.14 0.00	24.46 1.14 0.00	28.58 1.26 0.00	31.63 1.48 0.00	31.02 1.50 0.00	25.12 1.41 1.00	27.13 1.51 0.51	26.63 1.58 1.33	26.61 1.64 1.83	26.61 1.79 2.25	26.73 1.86 2.05	29.08 1.91 2.20	34.72 2.33 2.90	44.21 2.93 3.82	48.82 2.95 3.33	52.16 2.94 0.59	47.18 2.63 0.00	42.92 2.31 0.00	36.18 1.95 0.00	31.81 1.63 0.00
CRICKET___VALLEY_CC3 323758	28.27 1.37 0.00	25.60 1.31 0.00	22.97 1.13 0.00	22.51 1.17 0.00	22.21 1.14 0.00	24.46 1.14 0.00	28.58 1.26 0.00	31.63 1.48 0.00	31.02 1.50 0.00	25.12 1.41 1.00	27.13 1.51 0.51	26.63 1.58 1.33	26.61 1.64 1.83	26.61 1.79 2.25	26.73 1.86 2.05	29.08 1.91 2.20	34.72 2.33 2.90	44.21 2.93 3.82	48.82 2.95 3.33	52.16 2.94 0.59	47.18 2.63 0.00	42.92 2.31 0.00	36.18 1.95 0.00	31.81 1.63 0.00
CRUCIBLE_METL_DRP 24180	26.93 0.03 0.00	24.29 0.00 0.00	21.83 0.00 0.00	21.30 -0.04 0.00	21.05 -0.02 0.00	23.27 -0.05 0.00	27.38 0.05 0.00	30.09 -0.06 0.00	29.40 -0.12 0.00	24.54 -0.17 0.00	25.96 -0.16 0.00	26.25 -0.13 0.00	26.65 -0.16 0.00	26.86 -0.22 0.00	26.81 -0.11 0.00	29.28 -0.09 0.00	35.22 -0.07 0.00	45.10 0.00 0.00	49.35 0.15 0.00	50.01 0.20 0.00	44.68 0.13 0.00	40.68 0.08 0.00	34.30 0.07 0.00	30.30 0.12 0.00
DAHOWA___HYDRO 323763	28.70 1.80 0.00	25.89 1.60 0.00	23.18 1.35 0.00	22.66 1.32 0.00	22.36 1.29 0.00	24.77 1.45 0.00	28.91 1.58 0.00	31.75 1.60 0.00	31.05 1.53 0.00	25.52 1.19 0.38	27.20 1.28 0.20	27.19 1.32 0.51	27.37 1.26 0.70	27.60 1.38 0.86	27.59 1.45 0.78	30.12 1.58 0.84	35.74 1.55 1.10	45.64 1.98 1.45	50.35 2.41 1.26	52.12 2.54 0.22	47.27 2.72 0.00	43.04 2.44 0.00	36.22 1.98 0.00	31.81 1.63 0.00
DANC___LFGE 323619	27.06 0.16 0.00	24.41 0.12 0.00	21.87 0.04 0.00	21.38 0.04 0.00	21.14 0.06 0.00	23.44 0.12 0.00	27.46 0.14 0.00	30.24 0.09 0.00	29.46 -0.06 0.00	24.39 -0.32 0.00	25.78 -0.34 0.00	26.09 -0.29 0.00	26.49 -0.32 0.00	26.64 -0.43 0.00	26.60 -0.32 0.00	29.05 -0.32 0.00	35.12 -0.18 0.00	45.06 -0.05 0.00	49.69 0.49 0.00	50.65 0.85 0.00	45.31 0.76 0.00	41.37 0.77 0.00	34.75 0.51 0.00	30.51 0.33 0.00
DANSKAMMER___1 23586	28.67 1.77 0.00	25.92 1.63 0.00	23.21 1.38 0.00	22.75 1.41 0.00	22.44 1.37 0.00	24.77 1.45 0.00	29.07 1.75 0.00	32.17 2.02 0.00	31.59 2.07 0.00	28.14 1.83 -1.59	28.66 1.93 -0.61	30.20 2.00 -1.81	31.68 2.09 -2.78	32.90 2.25 -3.57	32.29 2.34 -3.03	35.30 2.53 -3.41	43.22 3.11 -4.83	55.48 4.01 -6.36	59.08 4.33 -5.54	55.12 4.33 -0.98	48.29 3.74 0.00	43.77 3.17 0.00	36.91 2.67 0.00	32.41 2.23 0.00
DANSKAMMER___2 23589	28.67 1.77 0.00	25.92 1.63 0.00	23.21 1.38 0.00	22.75 1.41 0.00	22.44 1.37 0.00	24.77 1.45 0.00	29.07 1.75 0.00	32.17 2.02 0.00	31.59 2.07 0.00	28.14 1.83 -1.59	28.66 1.93 -0.61	30.20 2.00 -1.81	31.68 2.09 -2.78	32.90 2.25 -3.57	32.29 2.34 -3.03	35.30 2.53 -3.41	43.22 3.11 -4.83	55.48 4.01 -6.36	59.08 4.33 -5.54	55.12 4.33 -0.98	48.29 3.74 0.00	43.77 3.17 0.00	36.91 2.67 0.00	32.41 2.23 0.00
DANSKAMMER___3 23590	28.67 1.77 0.00	25.92 1.63 0.00	23.21 1.38 0.00	22.75 1.41 0.00	22.44 1.37 0.00	24.77 1.45 0.00	29.07 1.75 0.00	32.17 2.02 0.00	31.59 2.07 0.00	28.14 1.83 -1.59	28.66 1.93 -0.61	30.20 2.00 -1.81	31.68 2.09 -2.78	32.90 2.25 -3.57	32.29 2.34 -3.03	35.30 2.53 -3.41	43.22 3.11 -4.83	55.48 4.01 -6.36	59.08 4.33 -5.54	55.12 4.33 -0.98	48.29 3.74 0.00	43.77 3.17 0.00	36.91 2.67 0.00	32.41 2.23 0.00

DANSKAMMER___4 23591	28.67 1.77 0.00	25.92 1.63 0.00	23.21 1.38 0.00	22.75 1.41 0.00	22.44 1.37 0.00	24.77 1.45 0.00	29.07 1.75 0.00	32.17 2.02 0.00	31.59 2.07 0.00	28.14 1.83 -1.59	28.66 1.93 -0.61	30.20 2.00 -1.81	31.68 2.09 -2.78	32.90 2.25 -3.57	32.29 2.34 -3.03	35.30 2.53 -3.41	43.22 3.11 -4.83	55.48 4.01 -6.36	59.08 4.33 -5.54	55.12 4.33 -0.98	48.29 3.74 0.00	43.77 3.17 0.00	36.91 2.67 0.00	32.41 2.23 0.00
DANSKAMMER___DIESEL 23592	28.67 1.78 0.00	25.92 1.63 0.00	23.21 1.38 0.00	22.73 1.39 0.00	22.44 1.37 0.00	24.74 1.42 0.00	29.04 1.72 0.00	32.20 2.05 0.00	31.67 2.15 0.00	28.18 1.88 -1.59	28.74 2.01 -0.61	30.25 2.06 -1.81	31.73 2.14 -2.78	32.90 2.25 -3.57	32.29 2.34 -3.03	35.30 2.53 -3.41	43.22 3.11 -4.83	55.43 3.97 -6.36	59.07 4.33 -5.54	55.12 4.33 -0.98	48.29 3.74 0.00	43.81 3.21 0.00	36.90 2.67 0.00	32.38 2.20 0.00
DARBY___SOLAR 323810	28.57 1.67 0.00	25.77 1.48 0.00	23.10 1.27 0.00	22.58 1.24 0.00	22.30 1.22 0.00	24.65 1.33 0.00	28.77 1.45 0.00	31.63 1.48 0.00	30.94 1.42 0.00	25.44 1.11 0.38	27.10 1.18 0.20	27.08 1.21 0.52	27.28 1.18 0.71	27.51 1.30 0.86	27.51 1.37 0.79	30.02 1.50 0.85	35.66 1.48 1.11	45.53 1.89 1.46	50.24 2.31 1.28	52.02 2.44 0.23	47.13 2.58 0.00	42.92 2.31 0.00	36.11 1.88 0.00	31.71 1.54 0.00
DASHVILLE___HYD 23610	28.65 1.75 0.00	25.89 1.60 0.00	23.18 1.35 0.00	22.70 1.37 0.00	22.42 1.35 0.00	24.72 1.40 0.00	29.02 1.69 0.00	32.20 2.05 0.00	31.67 2.15 0.00	28.03 1.98 -1.33	28.74 2.12 -0.51	30.09 2.19 -1.52	31.41 2.28 -2.33	32.46 2.38 -2.99	31.94 2.48 -2.54	34.87 2.64 -2.85	42.58 3.25 -4.04	54.63 4.19 -5.33	58.42 4.58 -4.65	55.16 4.53 -0.82	48.25 3.70 0.00	43.77 3.17 0.00	36.90 2.67 0.00	32.38 2.20 0.00
DELAWARE___LFGE 323621	27.84 0.94 0.00	25.16 0.87 0.00	22.62 0.79 0.00	22.11 0.77 0.00	21.85 0.78 0.00	24.09 0.77 0.00	28.20 0.87 0.00	31.15 1.00 0.00	30.67 1.15 0.00	25.85 0.91 -0.22	27.17 0.97 -0.09	27.62 0.98 -0.26	28.20 0.99 -0.40	28.62 1.03 -0.52	28.28 0.92 -0.44	30.86 1.00 -0.49	37.26 1.27 -0.70	47.60 1.58 -0.92	51.90 1.92 -0.78	51.94 1.99 -0.14	46.38 1.83 0.00	42.23 1.62 0.00	35.57 1.34 0.00	31.35 1.18 0.00
DERFIELD_115KV_TB7 355931	27.06 0.16 0.00	24.46 0.17 0.00	21.96 0.13 0.00	21.49 0.15 0.00	21.22 0.15 0.00	23.46 0.14 0.00	27.46 0.14 0.00	30.30 0.15 0.00	29.70 0.18 0.00	24.86 0.15 0.00	26.28 0.16 0.00	26.54 0.16 0.00	26.97 0.16 0.00	27.24 0.16 0.00	27.08 0.16 0.00	29.55 0.18 0.00	35.50 0.21 0.00	45.37 0.27 0.00	49.50 0.30 0.00	50.11 0.30 0.00	44.82 0.27 0.00	40.85 0.24 0.00	34.44 0.21 0.00	30.33 0.15 0.00
DOGLEVILLE___HYD 23807	27.17 0.27 0.00	24.53 0.24 0.00	22.03 0.20 0.00	21.57 0.23 0.00	21.31 0.23 0.00	23.60 0.28 0.00	27.62 0.30 0.00	30.51 0.36 0.00	29.87 0.35 0.00	24.94 0.22 0.00	26.30 0.18 0.00	26.51 0.13 0.00	26.84 0.03 0.00	27.08 0.00 0.00	26.95 0.03 0.00	29.40 0.03 0.00	35.43 0.14 0.00	45.37 0.27 0.00	49.64 0.44 0.00	50.26 0.45 0.00	44.91 0.36 0.00	40.81 0.20 0.00	34.34 0.10 0.00	30.15 -0.03 0.00
DUNKIRK__115KV_TB_200 55889	26.60 -0.30 0.00	23.61 -0.68 0.00	21.44 -0.39 0.00	20.87 -0.47 0.00	20.65 -0.42 0.00	23.02 -0.30 0.00	27.08 -0.25 0.00	29.40 -0.75 0.00	28.90 -0.62 0.00	24.01 -0.79 -0.09	23.51 -1.02 1.59	24.41 -1.19 0.79	23.89 -1.29 1.63	24.09 -1.27 1.71	23.94 -1.24 1.74	26.18 -1.32 1.87	31.53 -1.62 2.13	39.95 -2.53 2.62	44.16 -2.12 2.92	46.50 -2.19 1.12	43.13 -1.43 0.00	39.18 -1.42 0.00	33.58 -0.65 0.00	30.57 0.39 0.00
DUNKIRK___1 23563	26.60 -0.30 0.00	23.61 -0.68 0.00	21.44 -0.39 0.00	20.87 -0.47 0.00	20.65 -0.42 0.00	23.02 -0.30 0.00	27.08 -0.25 0.00	29.40 -0.75 0.00	28.90 -0.62 0.00	24.01 -0.79 -0.09	23.51 -1.02 1.59	24.41 -1.19 0.79	23.89 -1.29 1.63	24.09 -1.27 1.71	23.94 -1.24 1.74	26.18 -1.32 1.87	31.53 -1.62 2.13	39.95 -2.53 2.62	44.16 -2.12 2.92	46.50 -2.19 1.12	43.13 -1.43 0.00	39.18 -1.42 0.00	33.58 -0.65 0.00	30.57 0.39 0.00
DUNKIRK___2 23564	26.60 -0.30 0.00	23.61 -0.68 0.00	21.44 -0.39 0.00	20.87 -0.47 0.00	20.65 -0.42 0.00	23.02 -0.30 0.00	27.08 -0.25 0.00	29.40 -0.75 0.00	28.90 -0.62 0.00	24.01 -0.79 -0.09	23.51 -1.02 1.59	24.41 -1.19 0.79	23.89 -1.29 1.63	24.09 -1.27 1.71	23.94 -1.24 1.74	26.18 -1.32 1.87	31.53 -1.62 2.13	39.95 -2.53 2.62	44.16 -2.12 2.92	46.50 -2.19 1.12	43.13 -1.43 0.00	39.18 -1.42 0.00	33.58 -0.65 0.00	30.57 0.39 0.00
DUNKIRK___3 23565	26.55 -0.35 0.00	23.56 -0.73 0.00	21.39 -0.44 0.00	20.83 -0.51 0.00	20.61 -0.46 0.00	22.97 -0.35 0.00	26.99 -0.33 0.00	29.28 -0.87 0.00	28.78 -0.74 0.00	23.94 -0.87 -0.09	23.25 -1.10 1.77	24.23 -1.27 0.88	23.64 -1.34 1.83	23.83 -1.33 1.92	23.68 -1.29 1.95	25.93 -1.35 2.09	31.20 -1.69 2.40	39.58 -2.57 2.95	43.76 -2.16 3.28	46.32 -2.24 1.25	43.08 -1.47 0.00	39.18 -1.42 0.00	33.55 -0.68 0.00	30.54 0.36 0.00
DUNKIRK___4 23566	26.55 -0.35 0.00	23.56 -0.73 0.00	21.39 -0.44 0.00	20.83 -0.51 0.00	20.61 -0.46 0.00	22.97 -0.35 0.00	26.99 -0.33 0.00	29.28 -0.87 0.00	28.78 -0.74 0.00	23.94 -0.87 -0.09	23.25 -1.10 1.77	24.23 -1.27 0.88	23.64 -1.34 1.83	23.83 -1.33 1.92	23.68 -1.29 1.95	25.93 -1.35 2.09	31.20 -1.69 2.40	39.58 -2.57 2.95	43.76 -2.16 3.28	46.32 -2.24 1.25	43.08 -1.47 0.00	39.18 -1.42 0.00	33.55 -0.68 0.00	30.54 0.36 0.00
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	28.81 1.91 0.00	26.04 1.75 0.00	23.32 1.48 0.00	22.85 1.52 0.00	22.57 1.50 0.00	24.86 1.54 0.00	29.21 1.89 0.00	32.47 2.32 0.00	32.03 2.51 0.00	29.79 2.27 -2.80	29.13 2.43 -0.58	31.29 2.48 -2.43	33.92 2.55 -4.56	35.99 2.63 -6.28	34.37 2.67 -4.78	37.97 2.82 -5.78	47.73 3.39 -9.05	61.27 4.24 -11.93	64.02 4.43 -10.39	56.08 4.43 -1.84	48.38 3.83 0.00	43.85 3.25 0.00	37.11 2.88 0.00	32.56 2.38 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	28.54 1.64 0.00	25.80 1.51 0.00	23.10 1.27 0.00	22.64 1.30 0.00	22.36 1.29 0.00	24.65 1.33 0.00	28.91 1.58 0.00	32.08 1.93 0.00	31.59 2.07 0.00	28.42 1.80 -1.90	28.90 1.93 -0.85	30.72 1.98 -2.36	32.25 2.04 -3.40	33.48 2.14 -4.27	32.89 2.21 -3.76	35.84 2.35 -4.12	43.76 2.86 -5.61	56.16 3.65 -7.40	59.63 3.99 -6.45	54.93 3.98 -1.14	47.94 3.39 0.00	43.49 2.88 0.00	36.70 2.46 0.00	32.23 2.05 0.00
E179THST_138_KV_TB4_REV_LBMP_J 345001	29.11 2.21 -0.01	26.31 2.02 -0.01	23.56 1.72 -0.01	23.12 1.77 -0.01	22.85 1.77 -0.01	25.00 1.68 0.00	29.32 1.99 0.00	32.47 2.32 0.00	32.09 2.57 0.00	30.48 2.30 -3.46	31.17 2.46 -2.60	34.80 2.51 -5.91	36.22 2.52 -6.89	37.49 2.63 -7.79	37.58 2.64 -8.02	40.06 2.73 -7.96	47.62 3.28 -9.04	61.03 4.01 -11.91	63.81 4.23 -10.38	55.87 4.23 -1.83	48.03 3.47 0.00	43.85 3.25 0.00	37.53 3.29 -0.01	32.99 2.81 -0.01

E179THST_13_KV_LOAD 356214	29.25 2.34 -0.01	26.44 2.14 -0.01	23.67 1.83 -0.01	23.20 1.86 -0.01	22.94 1.85 -0.01	25.12 1.80 0.00	29.45 2.13 0.00	32.62 2.47 0.00	32.24 2.72 0.00	30.63 2.45 -3.46	31.30 2.59 -2.60	34.93 2.64 -5.91	36.38 2.68 -6.89	37.63 2.76 -7.79	37.74 2.80 -8.02	40.24 2.91 -7.96	47.83 3.49 -9.04	61.35 4.33 -11.91	64.11 4.53 -10.38	56.22 4.58 -1.83	48.29 3.74 0.00	44.09 3.49 0.00	37.70 3.46 -0.01	33.14 2.96 -0.01
EAST HAMPTON___GT 23717	32.28 2.69 -2.69	28.77 2.62 -1.86	26.92 2.42 -2.66	26.34 2.58 -2.42	26.70 2.66 -2.97	28.05 2.94 -1.79	31.48 3.55 -0.61	38.70 4.10 -4.45	37.81 4.16 -4.13	39.05 3.66 -10.68	39.17 3.73 -9.32	37.81 3.56 -7.87	39.71 3.35 -9.55	40.66 3.36 -10.23	41.36 3.18 -11.26	43.23 3.17 -10.69	54.77 3.70 -15.78	82.27 4.92 -32.25	68.89 5.02 -14.67	58.66 5.03 -3.82	51.38 4.23 -2.59	44.27 3.66 -0.01	39.94 3.08 -2.62	37.19 2.75 -4.26
EAST RIVER___6 23660	28.92 2.02 0.00	26.13 1.85 0.00	23.40 1.57 0.00	22.94 1.60 0.00	22.66 1.58 0.00	24.95 1.63 0.00	29.34 2.02 0.00	32.57 2.41 0.00	32.09 2.57 0.00	30.83 2.40 -3.71	32.05 2.56 -3.37	36.25 2.61 -7.26	37.25 2.65 -7.79	38.26 2.82 -8.37	39.02 2.83 -9.27	41.17 3.00 -8.81	47.91 3.56 -9.05	61.50 4.47 -11.93	64.22 4.62 -10.40	56.33 4.68 -1.84	48.56 4.01 0.00	44.01 3.41 0.00	37.32 3.08 0.00	32.80 2.62 0.00
EAST RIVER___7 23524	28.92 2.02 0.00	26.13 1.85 0.00	23.40 1.57 0.00	22.94 1.60 0.00	22.66 1.58 0.00	24.95 1.63 0.00	29.34 2.02 0.00	32.57 2.41 0.00	32.09 2.57 0.00	30.83 2.40 -3.71	32.05 2.56 -3.37	36.25 2.61 -7.26	37.25 2.65 -7.79	38.26 2.82 -8.37	39.02 2.83 -9.27	41.17 3.00 -8.81	47.91 3.56 -9.05	61.50 4.47 -11.93	64.22 4.62 -10.40	56.33 4.68 -1.84	48.56 4.01 0.00	44.01 3.41 0.00	37.32 3.08 0.00	32.80 2.62 0.00
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	28.75 1.86 0.00	25.99 1.70 0.00	23.29 1.46 0.00	22.81 1.47 0.00	22.53 1.45 0.00	24.81 1.49 0.00	29.15 1.83 0.00	32.38 2.23 0.00	31.94 2.42 0.00	30.36 2.17 -3.47	30.92 2.35 -2.45	34.48 2.40 -5.70	36.06 2.44 -6.81	37.43 2.55 -7.81	37.38 2.58 -7.87	39.99 2.70 -7.92	47.82 3.28 -9.24	61.39 4.10 -12.19	64.15 4.33 -10.62	56.02 4.33 -1.88	48.25 3.70 0.00	43.77 3.17 0.00	37.01 2.77 0.00	32.50 2.32 0.00
EAST_HAMPTON___DIESEL 23722	32.23 2.64 -2.69	28.75 2.60 -1.86	26.89 2.40 -2.66	26.32 2.56 -2.42	26.70 2.66 -2.97	28.03 2.91 -1.79	31.48 3.55 -0.61	38.70 4.10 -4.45	37.81 4.16 -4.13	39.05 3.66 -10.68	39.17 3.73 -9.32	37.79 3.54 -7.87	39.68 3.32 -9.55	40.61 3.30 -10.23	41.30 3.12 -11.26	43.17 3.11 -10.69	54.71 3.64 -15.78	82.13 4.78 -32.25	68.74 4.87 -14.67	58.51 4.88 -3.82	51.24 4.10 -2.59	44.14 3.53 -0.01	39.83 2.98 -2.62	37.13 2.68 -4.26
EAST_POINT___SOLAR 323840	28.84 1.94 0.00	25.99 1.70 0.00	23.27 1.44 0.00	22.72 1.39 0.00	22.46 1.39 0.00	24.88 1.56 0.00	28.63 1.31 0.00	30.66 0.51 0.00	29.76 0.24 0.00	24.63 0.17 0.26	26.18 0.16 0.10	25.96 -0.13 0.29	26.14 -0.22 0.45	26.42 -0.08 0.58	26.30 -0.13 0.49	28.73 -0.09 0.55	34.37 -0.14 0.78	44.30 0.23 1.03	49.58 1.28 0.90	52.74 3.09 0.16	48.29 3.74 0.00	44.09 3.49 0.00	36.97 2.74 0.00	32.41 2.23 0.00
EAST_PULASKI___ESR 323781	26.82 -0.08 0.00	24.19 -0.10 0.00	21.72 -0.11 0.00	21.21 -0.13 0.00	20.97 -0.10 0.00	23.20 -0.12 0.00	27.21 -0.11 0.00	29.94 -0.21 0.00	29.25 -0.27 0.00	24.35 -0.37 0.00	25.75 -0.37 0.00	26.04 -0.34 0.00	26.46 -0.35 0.00	26.62 -0.46 0.00	26.54 -0.38 0.00	28.99 -0.38 0.00	34.94 -0.35 0.00	44.74 -0.36 0.00	49.15 -0.05 0.00	49.91 0.10 0.00	44.64 0.09 0.00	40.72 0.12 0.00	34.23 0.00 0.00	30.18 0.00 0.00
EAST_RIVER___1 323558	28.92 2.02 0.00	26.13 1.85 0.00	23.40 1.57 0.00	22.94 1.60 0.00	22.66 1.58 0.00	24.95 1.63 0.00	29.34 2.02 0.00	32.59 2.44 0.00	32.09 2.57 0.00	30.82 2.40 -3.71	32.04 2.56 -3.36	36.22 2.61 -7.23	37.26 2.68 -7.77	38.25 2.82 -8.36	39.02 2.85 -9.25	41.15 3.00 -8.79	47.94 3.60 -9.05	61.50 4.47 -11.93	64.27 4.68 -10.40	56.38 4.73 -1.84	48.56 4.01 0.00	43.97 3.37 0.00	37.32 3.08 0.00	32.80 2.62 0.00
EAST_RIVER___2 323559	28.92 2.02 0.00	26.13 1.85 0.00	23.40 1.57 0.00	22.94 1.60 0.00	22.66 1.58 0.00	24.95 1.63 0.00	29.34 2.02 0.00	32.57 2.41 0.00	32.09 2.57 0.00	30.83 2.40 -3.71	32.05 2.56 -3.37	36.25 2.61 -7.26	37.25 2.65 -7.79	38.26 2.82 -8.37	39.02 2.83 -9.27	41.17 3.00 -8.81	47.91 3.56 -9.05	61.50 4.47 -11.93	64.22 4.62 -10.40	56.33 4.68 -1.84	48.56 4.01 0.00	44.01 3.41 0.00	37.32 3.08 0.00	32.80 2.62 0.00
EAST___DELAWARE_HYD 23607	28.62 1.72 0.00	25.87 1.58 0.00	23.14 1.31 0.00	22.68 1.35 0.00	22.38 1.31 0.00	24.72 1.40 0.00	29.02 1.69 0.00	32.14 1.99 0.00	31.53 2.01 0.00	28.03 1.73 -1.58	28.62 1.80 -0.70	30.20 1.87 -1.95	31.59 1.96 -2.83	32.72 2.09 -3.56	32.25 2.21 -3.12	35.18 2.38 -3.43	42.99 3.00 -4.70	55.22 3.92 -6.19	59.03 4.43 -5.40	55.19 4.43 -0.95	48.34 3.78 0.00	43.81 3.21 0.00	36.94 2.70 0.00	32.41 2.23 0.00
EIGHT_POINT___WT_PWR 323820	26.63 -0.27 0.00	23.78 -0.51 0.00	21.48 -0.35 0.00	20.87 -0.47 0.00	20.72 -0.36 0.00	22.99 -0.33 0.00	27.02 -0.30 0.00	29.37 -0.78 0.00	28.60 -0.92 0.00	23.62 -1.21 -0.11	36.53 -1.49 -11.90	31.28 -1.69 -6.59	38.34 -1.69 -13.22	39.56 -1.68 -14.16	39.52 -1.51 -14.11	42.87 -1.67 -15.18	51.08 -2.01 -17.80	64.74 -2.44 -22.08	70.99 -2.11 -23.90	56.32 -2.09 -8.60	42.99 -1.56 0.00	39.06 -1.54 0.00	33.27 -0.96 0.00	29.97 -0.21 0.00
ELBRIDGE_115KV_TB2 80188	26.71 -0.19 0.00	24.10 -0.19 0.00	21.66 -0.17 0.00	21.13 -0.21 0.00	20.88 -0.19 0.00	23.11 -0.21 0.00	27.13 -0.19 0.00	29.82 -0.33 0.00	29.14 -0.38 0.00	24.32 -0.40 0.00	25.75 -0.37 0.00	26.01 -0.37 0.00	26.41 -0.40 0.00	26.64 -0.43 0.00	26.57 -0.35 0.00	29.02 -0.35 0.00	34.87 -0.42 0.00	44.65 -0.45 0.00	48.86 -0.34 0.00	49.51 -0.30 0.00	44.24 -0.31 0.00	40.28 -0.32 0.00	33.96 -0.27 0.00	30.06 -0.12 0.00
ELEC_TRO_TEK 24086	33.81 2.15 -4.76	26.31 1.99 -0.03	23.62 1.75 -0.04	23.19 1.81 -0.04	22.93 1.81 -0.04	25.20 1.84 -0.03	29.53 2.19 -0.02	34.56 2.59 -1.82	32.46 2.75 -0.20	33.78 2.45 -6.61	45.62 2.59 -16.91	43.06 2.61 -14.06	44.19 2.65 -14.72	43.90 2.68 -14.14	47.70 2.67 -18.11	47.80 2.70 -15.73	59.34 3.21 -20.84	97.00 4.01 -47.88	98.24 4.23 -44.81	69.84 4.28 -15.74	52.80 3.79 -4.46	43.91 3.29 -0.02	58.08 3.08 -20.76	40.25 2.53 -7.54
ELLENBURG_WT_PWR 323604	25.85 -1.05 0.00	23.44 -0.85 0.00	21.09 -0.74 0.00	20.65 -0.68 0.00	20.36 -0.72 0.00	22.62 -0.70 0.00	26.53 -0.79 0.00	29.43 -0.72 0.00	28.64 -0.88 0.00	23.92 -0.79 0.00	25.15 -0.97 0.00	25.38 -1.00 0.00	25.79 -1.02 0.00	26.02 -1.06 0.00	25.76 -1.16 0.00	28.05 -1.32 0.00	33.63 -1.66 0.00	43.16 -1.94 0.00	46.99 -2.21 0.00	47.47 -2.34 0.00	42.37 -2.18 0.00	38.57 -2.03 0.00	32.45 -1.78 0.00	28.52 -1.66 0.00

ELM_ST_23_KV_LD_REV_LBMP_A 345012	26.31 -0.59 0.00	23.37 -0.92 0.00	21.22 -0.61 0.00	20.63 -0.70 0.00	20.40 -0.67 0.00	22.74 -0.58 0.00	26.67 -0.66 0.00	28.92 -1.24 0.00	28.40 -1.12 0.00	23.64 -1.16 -0.08	22.66 -1.25 2.20	23.86 -1.40 1.13	23.05 -1.45 2.31	23.23 -1.41 2.44	23.05 -1.40 2.47	25.25 -1.47 2.65	30.37 -1.87 3.05	38.59 -2.75 3.76	42.63 -2.41 4.16	45.76 -2.49 1.56	42.72 -1.83 0.00	38.82 -1.79 0.00	33.34 -0.89 0.00	30.39 0.21 0.00
EMPIRE_CC_1 323656	27.79 0.89 0.00	25.19 0.90 0.00	22.62 0.78 0.00	22.13 0.79 0.00	21.81 0.74 0.00	24.02 0.70 0.00	28.03 0.71 0.00	30.91 0.75 0.00	30.29 0.77 0.00	24.92 0.74 0.53	26.63 0.78 0.27	26.51 0.84 0.71	26.72 0.88 0.97	26.85 0.97 1.20	26.91 1.08 1.09	29.26 1.06 1.17	34.99 1.23 1.54	44.52 1.44 2.03	48.86 1.43 1.77	50.89 1.39 0.31	45.93 1.38 0.00	41.90 1.30 0.00	35.30 1.06 0.00	31.05 0.88 0.00
EMPIRE_CC_2 323658	27.79 0.89 0.00	25.19 0.90 0.00	22.62 0.78 0.00	22.13 0.79 0.00	21.81 0.74 0.00	24.02 0.70 0.00	28.03 0.71 0.00	30.91 0.75 0.00	30.29 0.77 0.00	24.92 0.74 0.53	26.63 0.78 0.27	26.51 0.84 0.71	26.72 0.88 0.97	26.85 0.97 1.20	26.91 1.08 1.09	29.26 1.06 1.17	34.99 1.23 1.54	44.52 1.44 2.03	48.86 1.43 1.77	50.89 1.39 0.31	45.93 1.38 0.00	41.90 1.30 0.00	35.30 1.06 0.00	31.05 0.88 0.00
ENORWICH_115KV_TB1 80156	28.57 1.67 0.00	25.75 1.46 0.00	23.05 1.22 0.00	22.55 1.22 0.00	22.32 1.24 0.00	24.81 1.49 0.00	29.12 1.80 0.00	32.05 1.90 0.00	31.08 1.56 0.00	25.68 0.79 -0.17	27.58 0.71 -0.75	27.64 0.69 -0.57	28.48 0.62 -1.05	28.86 0.60 -1.19	28.81 0.75 -1.14	31.61 1.00 -1.24	38.52 1.69 -1.54	49.53 2.48 -1.95	54.81 3.64 -1.97	54.35 3.93 -0.60	48.16 3.61 0.00	43.69 3.09 0.00	36.56 2.33 0.00	32.26 2.08 0.00
ERIE_ST__34_KV_TB1-2 80199	26.47 -0.43 0.00	23.49 -0.80 0.00	21.33 -0.50 0.00	20.74 -0.60 0.00	20.53 -0.55 0.00	22.85 -0.47 0.00	26.86 -0.46 0.00	29.16 -1.00 0.00	28.67 -0.86 0.00	23.84 -0.96 -0.09	22.80 -1.49 1.83	23.85 -1.61 0.92	23.25 -1.66 1.90	23.48 -1.60 2.00	23.36 -1.53 2.03	25.61 -1.59 2.17	30.89 -1.91 2.49	39.14 -2.89 3.07	43.28 -2.51 3.41	45.93 -2.59 1.29	43.31 -1.25 0.00	39.35 -1.26 0.00	33.72 -0.51 0.00	30.66 0.48 0.00
ERIE_WT_PWR 323693	26.42 -0.48 0.00	23.44 -0.85 0.00	21.31 -0.52 0.00	20.63 -0.70 0.00	20.48 -0.59 0.00	22.78 -0.54 0.00	26.67 -0.66 0.00	28.91 -1.24 0.00	28.60 -0.92 0.00	23.71 -1.09 -0.08	22.91 -1.25 1.96	23.97 -1.42 0.99	23.30 -1.47 2.04	23.50 -1.44 2.15	23.34 -1.40 2.18	25.57 -1.47 2.33	30.77 -1.84 2.68	39.05 -2.75 3.30	43.18 -2.36 3.66	45.94 -2.49 1.38	42.95 -1.60 0.00	39.06 -1.54 0.00	33.51 -0.72 0.00	30.54 0.36 0.00
ESPRGFLD_115KV_TB1 80157	28.27 1.37 0.00	25.50 1.21 0.00	22.88 1.05 0.00	22.36 1.02 0.00	22.11 1.03 0.00	24.44 1.12 0.00	28.58 1.26 0.00	31.36 1.21 0.00	30.70 1.18 0.00	25.43 0.82 0.10	26.92 0.84 0.04	27.06 0.79 0.11	27.42 0.78 0.17	27.68 0.81 0.21	27.49 0.75 0.18	30.05 0.88 0.20	36.17 1.16 0.29	46.39 1.67 0.38	51.22 2.36 0.34	52.59 2.84 0.06	47.36 2.81 0.00	43.20 2.60 0.00	36.32 2.09 0.00	31.90 1.72 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	27.46 0.56 0.00	24.75 0.46 0.00	22.25 0.41 0.00	21.70 0.36 0.00	21.47 0.40 0.00	23.76 0.44 0.00	27.95 0.63 0.00	30.73 0.57 0.00	29.96 0.44 0.00	25.04 0.20 -0.13	27.37 0.13 -1.12	27.22 0.11 -0.73	28.32 0.11 -1.40	28.71 0.08 -1.55	28.64 0.22 -1.50	31.28 0.29 -1.62	37.75 0.49 -1.96	48.33 0.77 -2.46	53.00 1.23 -2.57	52.00 1.34 -0.85	45.84 1.29 0.00	41.70 1.10 0.00	35.12 0.89 0.00	31.08 0.91 0.00
ETNA_____115KV_TB2 80207	27.46 0.56 0.00	24.75 0.46 0.00	22.25 0.41 0.00	21.70 0.36 0.00	21.47 0.40 0.00	23.76 0.44 0.00	27.95 0.63 0.00	30.73 0.57 0.00	29.96 0.44 0.00	25.04 0.20 -0.13	27.37 0.13 -1.12	27.22 0.11 -0.73	28.32 0.11 -1.40	28.71 0.08 -1.55	28.64 0.22 -1.50	31.28 0.29 -1.62	37.75 0.49 -1.96	48.33 0.77 -2.46	53.00 1.23 -2.57	52.00 1.34 -0.85	45.84 1.29 0.00	41.70 1.10 0.00	35.12 0.89 0.00	31.08 0.91 0.00
EUCLID___115KV_TB2 356179	26.82 -0.08 0.00	24.17 -0.12 0.00	21.74 -0.09 0.00	21.21 -0.13 0.00	20.97 -0.11 0.00	23.18 -0.14 0.00	27.24 -0.08 0.00	29.94 -0.21 0.00	29.28 -0.24 0.00	24.47 -0.25 0.00	25.88 -0.24 0.00	26.17 -0.21 0.00	26.57 -0.24 0.00	26.81 -0.27 0.00	26.73 -0.19 0.00	29.19 -0.18 0.00	35.11 -0.18 0.00	44.88 -0.23 0.00	49.15 -0.05 0.00	49.76 -0.05 0.00	44.51 -0.04 0.00	40.52 -0.08 0.00	34.13 -0.10 0.00	30.18 0.00 0.00
E_CANADA_CAP_HY 24051	28.57 1.67 0.00	25.77 1.48 0.00	23.07 1.24 0.00	22.53 1.19 0.00	22.30 1.22 0.00	24.67 1.35 0.00	28.71 1.39 0.00	31.27 1.12 0.00	30.49 0.97 0.00	25.14 0.64 0.22	26.69 0.65 0.08	26.71 0.58 0.25	26.99 0.56 0.38	27.24 0.65 0.49	27.10 0.59 0.41	29.61 0.70 0.46	35.41 0.78 0.66	45.54 1.31 0.87	50.55 2.11 0.76	52.61 2.94 0.13	47.71 3.16 0.00	43.65 3.05 0.00	36.63 2.40 0.00	32.11 1.93 0.00
E_CANADA_MHWK_HY 24050	27.17 0.27 0.00	24.53 0.24 0.00	22.03 0.20 0.00	21.57 0.24 0.00	21.31 0.23 0.00	23.60 0.28 0.00	27.62 0.30 0.00	30.52 0.36 0.00	29.88 0.36 0.00	24.91 0.20 0.00	26.28 0.16 0.00	26.49 0.11 0.00	26.84 0.03 0.00	27.08 0.00 0.00	26.95 0.03 0.00	29.40 0.03 0.00	35.43 0.14 0.00	45.37 0.27 0.00	49.64 0.44 0.00	50.26 0.45 0.00	44.91 0.35 0.00	40.81 0.20 0.00	34.34 0.10 0.00	30.15 -0.03 0.00
E_FISHKILL___LBMP 23776	28.49 1.59 0.00	25.75 1.46 0.00	23.10 1.27 0.00	22.62 1.28 0.00	22.34 1.26 0.00	24.60 1.28 0.00	28.82 1.50 0.00	31.99 1.84 0.00	31.50 1.98 0.00	28.73 1.78 -2.24	28.56 1.91 -0.53	30.39 1.95 -2.06	32.51 2.01 -3.70	34.19 2.08 -5.02	32.98 2.15 -3.90	36.25 2.23 -4.65	45.16 2.72 -7.15	57.91 3.38 -9.43	60.96 3.54 -8.21	54.80 3.54 -1.45	47.63 3.07 0.00	43.24 2.64 0.00	36.53 2.29 0.00	32.11 1.93 0.00
FALCON___SEABRD_CC1 323796	26.04 -0.86 0.00	23.64 -0.65 0.00	21.26 -0.57 0.00	20.85 -0.49 0.00	20.55 -0.53 0.00	22.83 -0.49 0.00	26.78 -0.55 0.00	29.73 -0.42 0.00	28.93 -0.59 0.00	24.15 -0.57 0.00	25.39 -0.73 0.00	25.59 -0.79 0.00	26.00 -0.80 0.00	26.27 -0.81 0.00	26.01 -0.92 0.00	28.31 -1.06 0.00	33.95 -1.34 0.00	43.61 -1.49 0.00	47.43 -1.77 0.00	47.92 -1.89 0.00	42.77 -1.78 0.00	38.90 -1.70 0.00	32.73 -1.51 0.00	28.76 -1.42 0.00
FALCON___SEABRD_CC2 323797	26.04 -0.86 0.00	23.64 -0.65 0.00	21.26 -0.57 0.00	20.85 -0.49 0.00	20.55 -0.53 0.00	22.83 -0.49 0.00	26.78 -0.55 0.00	29.73 -0.42 0.00	28.93 -0.59 0.00	24.15 -0.57 0.00	25.39 -0.73 0.00	25.59 -0.79 0.00	26.00 -0.80 0.00	26.27 -0.81 0.00	26.01 -0.92 0.00	28.31 -1.06 0.00	33.95 -1.34 0.00	43.61 -1.49 0.00	47.43 -1.77 0.00	47.92 -1.89 0.00	42.77 -1.78 0.00	38.90 -1.70 0.00	32.73 -1.51 0.00	28.76 -1.42 0.00

FAR ROCKAWAY___4 23548	33.81 2.56 -4.36	26.67 2.36 -0.03	23.94 2.07 -0.03	23.46 2.09 -0.03	23.22 2.11 -0.03	25.51 2.17 -0.03	29.91 2.57 -0.02	34.83 3.02 -1.66	32.85 3.16 -0.17	33.75 2.79 -6.24	44.48 2.95 -15.41	42.25 3.01 -12.87	43.61 3.08 -13.72	43.57 3.11 -13.38	46.83 3.12 -16.79	47.39 3.26 -14.76	59.09 3.95 -19.85	94.88 4.92 -44.86	133.99 5.26 -79.52	84.22 5.33 -29.08	53.31 4.68 -4.09	44.72 4.10 -0.01	78.21 3.73 -40.24	40.16 3.08 -6.90
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	28.92 2.02 0.00	26.14 1.85 0.00	23.40 1.57 0.00	22.94 1.60 0.00	22.65 1.58 0.00	24.95 1.63 0.00	29.34 2.02 0.00	32.62 2.47 0.00	32.24 2.72 0.00	30.91 2.47 -3.72	32.15 2.64 -3.40	36.34 2.66 -7.30	37.36 2.73 -7.82	38.28 2.82 -8.39	39.09 2.85 -9.31	41.19 3.00 -8.83	47.94 3.60 -9.05	61.50 4.47 -11.93	64.27 4.67 -10.40	56.38 4.73 -1.84	48.56 4.01 0.00	44.01 3.41 0.00	37.31 3.08 0.00	32.77 2.60 0.00
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	28.94 2.04 0.00	26.14 1.85 0.00	23.40 1.57 0.00	22.94 1.60 0.00	22.68 1.60 0.00	24.95 1.63 0.00	29.34 2.02 0.00	32.65 2.50 0.00	32.27 2.75 0.00	30.91 2.47 -3.72	32.15 2.64 -3.40	36.37 2.69 -7.30	37.36 2.73 -7.82	38.28 2.82 -8.39	39.09 2.85 -9.31	41.22 3.02 -8.83	47.94 3.60 -9.05	61.54 4.51 -11.93	64.27 4.67 -10.40	56.38 4.73 -1.84	48.56 4.01 0.00	44.05 3.45 0.00	37.31 3.08 0.00	32.77 2.60 0.00
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	28.92 2.02 0.00	26.11 1.82 0.00	23.40 1.57 0.00	22.92 1.58 0.00	22.65 1.58 0.00	24.95 1.63 0.00	29.32 1.99 0.00	32.62 2.47 0.00	32.24 2.72 0.00	30.88 2.45 -3.72	32.13 2.61 -3.40	36.34 2.66 -7.30	37.36 2.73 -7.82	38.28 2.82 -8.39	39.06 2.83 -9.31	41.19 3.00 -8.83	47.94 3.60 -9.05	61.50 4.47 -11.93	64.22 4.62 -10.40	56.33 4.68 -1.84	48.52 3.97 0.00	44.01 3.41 0.00	37.28 3.05 0.00	32.74 2.57 0.00
FARRAGUT___LBMP 323566	28.89 1.99 0.00	26.11 1.82 0.00	23.38 1.55 0.00	22.92 1.58 0.00	22.65 1.58 0.00	24.93 1.61 0.00	29.29 1.97 0.00	32.59 2.44 0.00	32.21 2.69 0.00	30.86 2.42 -3.72	32.10 2.59 -3.40	36.32 2.64 -7.30	37.33 2.71 -7.82	38.25 2.79 -8.39	39.03 2.80 -9.31	41.17 2.97 -8.83	47.91 3.56 -9.05	61.45 4.42 -11.93	64.22 4.62 -10.40	56.28 4.63 -1.84	48.47 3.92 0.00	43.97 3.37 0.00	37.25 3.01 0.00	32.74 2.57 0.00
FENNER___WINDPWR 24204	27.49 0.59 0.00	24.80 0.51 0.00	22.24 0.41 0.00	21.74 0.40 0.00	21.50 0.42 0.00	23.81 0.49 0.00	27.92 0.60 0.00	30.79 0.63 0.00	30.08 0.56 0.00	25.06 0.27 -0.07	26.43 0.29 -0.03	26.75 0.29 -0.08	27.22 0.30 -0.12	27.47 0.24 -0.15	27.40 0.35 -0.13	29.96 0.44 -0.15	36.17 0.67 -0.21	46.32 0.95 -0.27	50.81 1.38 -0.24	51.34 1.49 -0.04	45.93 1.38 0.00	41.82 1.22 0.00	35.16 0.92 0.00	30.96 0.78 0.00
FIBERTEK___ENERGY 23856	26.93 0.03 0.00	24.29 0.00 0.00	21.83 0.00 0.00	21.30 -0.04 0.00	21.05 -0.02 0.00	23.27 -0.05 0.00	27.38 0.05 0.00	30.09 -0.06 0.00	29.40 -0.12 0.00	24.54 -0.17 0.00	25.96 -0.16 0.00	26.25 -0.13 0.00	26.65 -0.16 0.00	26.86 -0.22 0.00	26.81 -0.11 0.00	29.28 -0.09 0.00	35.22 -0.07 0.00	45.10 0.00 0.00	49.35 0.15 0.00	50.01 0.20 0.00	44.68 0.13 0.00	40.68 0.08 0.00	34.30 0.07 0.00	30.30 0.12 0.00
FITZPATRICK___ 23598	26.28 -0.62 0.00	23.71 -0.58 0.00	21.31 -0.52 0.00	20.81 -0.53 0.00	20.57 -0.51 0.00	22.74 -0.58 0.00	26.67 -0.66 0.00	29.34 -0.81 0.00	28.72 -0.80 0.00	24.02 -0.69 0.00	25.42 -0.70 0.00	25.67 -0.71 0.00	26.09 -0.72 0.00	26.24 -0.84 0.00	26.14 -0.78 0.00	28.52 -0.85 0.00	34.27 -1.02 0.00	43.79 -1.31 0.00	47.87 -1.33 0.00	48.51 -1.30 0.00	43.35 -1.20 0.00	39.51 -1.09 0.00	33.31 -0.92 0.00	29.42 -0.75 0.00
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	28.70 1.80 0.00	25.97 1.68 0.00	23.23 1.40 0.00	22.77 1.43 0.00	22.49 1.41 0.00	24.79 1.47 0.00	29.07 1.75 0.00	32.26 2.11 0.00	31.73 2.21 0.00	28.23 1.90 -1.62	28.71 2.04 -0.55	30.24 2.11 -1.74	31.79 2.20 -2.78	33.01 2.30 -3.63	32.32 2.40 -3.01	35.38 2.58 -3.43	43.44 3.18 -4.97	55.76 4.10 -6.55	59.39 4.48 -5.71	55.25 4.43 -1.01	48.38 3.83 0.00	43.89 3.29 0.00	36.97 2.74 0.00	32.44 2.26 0.00
FORT ORANGE___ 23900	27.71 0.81 0.00	25.07 0.78 0.00	22.49 0.65 0.00	21.98 0.64 0.00	21.69 0.61 0.00	23.90 0.58 0.00	27.92 0.60 0.00	30.79 0.63 0.00	30.14 0.62 0.00	24.94 0.57 0.34	26.56 0.63 0.18	26.57 0.66 0.47	26.90 0.72 0.63	27.12 0.81 0.77	27.13 0.92 0.71	29.56 0.94 0.75	35.41 1.10 0.98	45.12 1.31 1.29	49.51 1.43 1.12	51.06 1.45 0.20	45.98 1.43 0.00	41.86 1.26 0.00	35.19 0.96 0.00	30.96 0.78 0.00
FORT_DRUM_COGEN 23780	27.33 0.43 0.00	24.68 0.39 0.00	22.05 0.22 0.00	21.62 0.28 0.00	21.35 0.27 0.00	23.76 0.44 0.00	27.79 0.46 0.00	30.60 0.45 0.00	29.73 0.21 0.00	24.44 -0.27 0.00	25.81 -0.31 0.00	26.12 -0.26 0.00	26.51 -0.29 0.00	26.70 -0.38 0.00	26.65 -0.27 0.00	29.13 -0.23 0.00	35.33 0.04 0.00	45.42 0.32 0.00	50.33 1.13 0.00	51.50 1.69 0.00	46.16 1.60 0.00	42.10 1.50 0.00	35.33 1.10 0.00	30.99 0.81 0.00
FOX_HILLS___ESR 323835	29.14 2.23 -0.01	26.31 2.02 -0.01	23.54 1.70 -0.01	23.03 1.69 -0.01	22.77 1.69 -0.01	24.98 1.66 0.00	29.32 1.99 0.00	32.53 2.38 0.00	32.15 2.63 0.00	30.76 2.30 -3.75	32.03 2.46 -3.46	36.28 2.51 -7.39	37.24 2.55 -7.88	38.13 2.63 -8.43	38.89 2.67 -9.30	40.98 2.79 -8.82	47.72 3.39 -9.04	61.22 4.19 -11.92	63.97 4.38 -10.39	55.98 4.33 -1.84	48.16 3.61 0.00	43.77 3.17 0.00	37.49 3.25 0.00	32.95 2.78 0.00
FPL_FAR_ROCK_GT1 24212	33.81 2.56 -4.36	26.67 2.36 -0.03	23.94 2.08 -0.03	23.48 2.11 -0.03	23.22 2.11 -0.03	25.52 2.17 -0.03	29.94 2.60 -0.02	34.77 2.96 -1.66	32.73 3.04 -0.17	33.70 2.74 -6.24	44.43 2.90 -15.41	42.20 2.95 -12.87	43.53 3.00 -13.72	43.60 3.14 -13.38	46.83 3.12 -16.79	47.39 3.26 -14.76	59.09 3.95 -19.85	94.88 4.92 -44.86	133.99 5.27 -79.52	84.22 5.33 -29.08	53.31 4.68 -4.09	44.68 4.06 -0.01	78.21 3.73 -40.24	40.16 3.08 -6.90
FPL_FAR_ROCK_GT2 23815	33.81 2.56 -4.36	26.67 2.36 -0.03	23.94 2.08 -0.03	23.48 2.11 -0.03	23.22 2.11 -0.03	25.52 2.17 -0.03	29.94 2.60 -0.02	34.77 2.96 -1.66	32.73 3.04 -0.17	33.70 2.74 -6.24	44.43 2.90 -15.41	42.20 2.95 -12.87	43.53 3.00 -13.72	43.60 3.14 -13.38	46.83 3.12 -16.79	47.39 3.26 -14.76	59.09 3.95 -19.85	94.88 4.92 -44.86	133.99 5.27 -79.52	84.22 5.33 -29.08	53.31 4.68 -4.09	44.68 4.06 -0.01	78.21 3.73 -40.24	40.16 3.08 -6.90
FRANKLIN_FALL_HYD 24054	26.07 -0.83 0.00	23.68 -0.61 0.00	21.31 -0.52 0.00	20.87 -0.47 0.00	20.59 -0.48 0.00	22.88 -0.44 0.00	26.83 -0.49 0.00	29.85 -0.30 0.00	28.99 -0.53 0.00	24.25 -0.47 0.00	25.47 -0.65 0.00	25.67 -0.71 0.00	26.11 -0.70 0.00	26.37 -0.70 0.00	26.11 -0.81 0.00	28.40 -0.97 0.00	34.13 -1.16 0.00	43.84 -1.26 0.00	47.77 -1.43 0.00	48.21 -1.59 0.00	43.04 -1.51 0.00	39.18 -1.42 0.00	32.97 -1.27 0.00	28.94 -1.24 0.00



FREEPORT_EQUS_GT1 23764	32.91	26.52	23.80	23.35	23.09	25.39	29.75	34.33	32.56	32.91	41.50	39.77	41.46	41.96	44.13	45.29	56.72	88.64	90.57	66.96	52.18	44.27	54.38	38.74
	2.39	2.19	1.92	1.96	1.96	2.03	2.40	2.77	2.86	2.57	2.74	2.74	2.79	2.90	2.88	2.97	3.42	4.29	4.52	4.63	4.23	3.66	3.39	2.84
	-3.62	-0.04	-0.05	-0.05	-0.06	-0.04	-0.02	-1.41	-0.18	-5.62	-12.64	-10.65	-11.87	-11.98	-14.33	-12.95	-18.01	-39.25	-36.85	-12.52	-3.39	-0.01	-16.76	-5.73
FREEPORT___CT2 23818	32.91	26.52	23.80	23.35	23.09	25.39	29.75	34.33	32.56	32.91	41.50	39.77	41.46	41.96	44.13	45.29	56.72	88.64	90.57	66.96	52.18	44.27	54.38	38.74
	2.39	2.19	1.92	1.96	1.96	2.03	2.40	2.77	2.86	2.57	2.74	2.74	2.79	2.90	2.88	2.97	3.42	4.29	4.52	4.63	4.23	3.66	3.39	2.84
	-3.62	-0.04	-0.05	-0.05	-0.06	-0.04	-0.02	-1.41	-0.18	-5.62	-12.64	-10.65	-11.87	-11.98	-14.33	-12.95	-18.01	-39.25	-36.85	-12.52	-3.39	-0.01	-16.76	-5.73
FRESHKLS_33_KV_LOAD 356253	29.19	26.34	23.56	23.05	22.79	25.00	29.32	32.53	32.15	30.74	31.98	36.25	37.21	38.11	38.83	40.92	47.68	61.17	63.91	55.97	48.15	43.72	37.49	32.95
	2.29	2.04	1.72	1.71	1.71	1.68	1.99	2.38	2.63	2.27	2.40	2.48	2.52	2.60	2.61	2.73	3.35	4.15	4.33	4.33	3.61	3.13	3.25	2.78
	-0.01	-0.01	-0.01	-0.01	-0.01	0.00	0.00	0.00	0.00	-3.75	-3.46	-7.39	-7.88	-8.43	-9.30	-8.82	-9.04	-11.91	-10.38	-1.83	0.01	0.01	0.00	0.00
FULTON COGEN____ 23766	26.50	23.90	21.48	20.95	20.74	22.92	26.91	29.58	28.90	24.15	25.57	25.83	26.22	26.45	26.38	28.81	34.66	44.34	48.51	49.16	43.97	40.03	33.72	29.75
	-0.40	-0.39	-0.35	-0.38	-0.34	-0.40	-0.41	-0.57	-0.62	-0.57	-0.55	-0.55	-0.59	-0.62	-0.54	-0.56	-0.64	-0.77	-0.69	-0.65	-0.58	-0.57	-0.51	-0.42
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
FULTON___LFGE 323630	28.70	25.89	23.18	22.64	22.38	24.79	28.88	31.51	30.73	25.29	26.88	26.90	27.14	27.37	27.33	29.85	35.71	45.88	50.82	52.93	47.98	43.77	36.77	32.20
	1.80	1.60	1.35	1.30	1.31	1.47	1.56	1.36	1.21	0.84	0.86	0.82	0.80	0.89	0.92	1.06	1.23	1.85	2.56	3.29	3.43	3.17	2.53	2.02
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.27	0.10	0.30	0.47	0.60	0.51	0.57	0.81	1.07	0.94	0.17	0.00	0.00	0.00	0.00
G.F.CEMENT___DRP 24184	28.92	26.09	23.34	22.77	22.51	24.95	29.10	32.05	31.35	25.77	27.47	27.46	27.57	27.78	27.77	30.31	35.73	45.57	50.52	52.23	47.40	43.12	36.29	31.81
	2.02	1.80	1.51	1.43	1.43	1.63	1.78	1.90	1.83	1.43	1.54	1.58	1.45	1.54	1.62	1.76	1.52	1.89	2.56	2.64	2.85	2.52	2.05	1.63
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.37	0.19	0.50	0.69	0.84	0.77	0.82	1.08	1.42	1.24	0.22	0.00	0.00	0.00	0.00
GARDENVILLE___LBMP 24039	26.36	23.42	21.26	20.68	20.44	22.78	26.75	29.01	28.49	23.71	22.77	23.93	23.17	23.36	23.21	25.42	30.60	38.84	42.90	45.85	42.86	38.94	33.41	30.45
	-0.54	-0.87	-0.57	-0.66	-0.63	-0.54	-0.57	-1.15	-1.03	-1.09	-1.28	-1.40	-1.47	-1.44	-1.40	-1.47	-1.84	-2.75	-2.41	-2.49	-1.69	-1.66	-0.82	0.27
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.08	2.07	1.05	2.17	2.28	2.31	2.48	2.85	3.51	3.89	1.46	0.00	0.00	0.00	0.00
GARDNVLA_35_KV_LD 355827	26.50	23.51	21.35	20.76	20.53	22.88	26.86	29.13	28.63	23.81	23.05	24.13	23.47	23.70	23.52	25.79	31.01	39.34	43.50	46.18	43.08	39.18	33.65	30.63
	-0.40	-0.78	-0.48	-0.58	-0.55	-0.44	-0.46	-1.03	-0.89	-0.99	-1.18	-1.29	-1.37	-1.30	-1.29	-1.32	-1.69	-2.57	-2.16	-2.29	-1.47	-1.42	-0.58	0.45
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.09	1.90	0.96	1.97	2.07	2.11	2.26	2.59	3.19	3.54	1.34	0.00	0.00	0.00	0.00
GELCKHM___115KV_LOAD 80723	26.85	24.22	21.77	21.23	20.99	23.23	27.27	30.00	29.31	24.49	25.91	26.20	26.59	26.83	26.76	29.22	35.15	44.97	49.25	49.86	44.55	40.56	34.20	30.21
	-0.05	-0.07	-0.07	-0.11	-0.08	-0.09	-0.05	-0.15	-0.21	-0.22	-0.21	-0.18	-0.21	-0.24	-0.16	-0.15	-0.14	-0.14	0.05	0.05	0.00	-0.04	-0.03	0.03
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
GENERAL___MILLS 23808	26.41	23.44	21.31	20.72	20.48	22.83	26.80	29.04	28.55	23.74	22.88	23.99	23.32	23.52	23.37	25.60	30.81	39.05	43.18	45.99	42.95	39.06	33.51	30.54
	-0.48	-0.85	-0.52	-0.62	-0.59	-0.49	-0.52	-1.12	-0.97	-1.06	-1.28	-1.40	-1.45	-1.41	-1.37	-1.44	-1.80	-2.75	-2.36	-2.44	-1.60	-1.54	-0.72	0.36
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.08	1.96	0.99	2.04	2.15	2.18	2.33	2.68	3.30	3.66	1.38	0.00	0.00	0.00	0.00
GE_PLASTICS___DRP 24183	27.63	25.02	22.46	21.96	21.68	23.88	27.90	30.85	30.23	25.00	26.66	26.66	26.93	27.09	27.05	29.49	35.33	45.01	49.35	50.90	45.80	41.70	35.12	30.93
	0.73	0.73	0.63	0.62	0.61	0.56	0.57	0.69	0.71	0.64	0.73	0.77	0.78	0.81	0.86	0.91	1.06	1.26	1.33	1.30	1.25	1.10	0.89	0.75
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.36	0.19	0.48	0.66	0.80	0.74	0.79	1.02	1.35	1.18	0.21	0.00	0.00	0.00	0.00
GILBOA___1 23756	27.73	25.16	22.68	22.19	21.92	24.00	28.09	31.00	30.40	25.31	26.91	27.03	27.38	27.61	27.55	29.98	35.94	45.72	50.05	51.23	45.93	41.90	35.33	31.14
	0.83	0.87	0.85	0.85	0.84	0.68	0.76	0.84	0.88	0.79	0.86	0.87	0.91	0.97	1.00	1.03	1.23	1.40	1.53	1.55	1.38	1.30	1.10	0.97
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.19	0.07	0.22	0.34	0.44	0.37	0.42	0.59	0.78	0.68	0.12	0.00	0.00	0.00	0.00
GILBOA___2 23757	27.73	25.16	22.68	22.19	21.92	24.00	28.09	31.00	30.40	25.31	26.91	27.03	27.38	27.61	27.55	29.98	35.94	45.72	50.05	51.23	45.93	41.90	35.33	31.14
	0.83	0.87	0.85	0.85	0.84	0.68	0.76	0.84	0.88	0.79	0.86	0.87	0.91	0.97	1.00	1.03	1.23	1.40	1.53	1.55	1.38	1.30	1.10	0.97
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.19	0.07	0.22	0.34	0.44	0.37	0.42	0.59	0.78	0.68	0.12	0.00	0.00	0.00	0.00
GILBOA___3 23758	27.73	25.16	22.68	22.19	21.92	24.00	28.09	31.00	30.40	25.31	26.91	27.03	27.38	27.61	27.55	29.98	35.94	45.72	50.05	51.23	45.93	41.90	35.33	31.14
	0.83	0.87	0.85	0.85	0.84	0.68	0.76	0.84	0.88	0.79	0.86	0.87	0.91	0.97	1.00	1.03	1.23	1.40	1.53	1.55	1.38	1.30	1.10	0.97
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.19	0.07	0.22	0.34	0.44	0.37	0.42	0.59	0.78	0.68	0.12	0.00	0.00	0.00	0.00
GILBOA___4 23759	27.73	25.16	22.68	22.19	21.92	24.00	28.09	31.00	30.40	25.31	26.91	27.03	27.38	27.61	27.55	29.98	35.94	45.72	50.05	51.23	45.93	41.90	35.33	31.14
	0.83	0.87	0.85	0.85	0.84	0.68	0.76	0.84	0.88	0.79	0.86	0.87	0.91	0.97	1.00	1.03	1.23	1.40	1.53	1.55	1.38	1.30	1.10	0.97
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.19	0.07	0.22	0.34	0.44	0.37	0.42	0.59	0.78	0.68	0.12	0.00	0.00	0.00	0.00

GILBOA____ 23599	27.73 0.83 0.00	25.16 0.87 0.00	22.68 0.85 0.00	22.17 0.83 0.00	21.92 0.84 0.00	24.00 0.68 0.00	28.09 0.76 0.00	31.03 0.87 0.00	30.46 0.94 0.00	25.34 0.82 0.19	26.93 0.89 0.07	27.08 0.92 0.22	27.41 0.94 0.34	27.62 0.97 0.44	27.55 1.00 0.37	29.98 1.03 0.42	35.94 1.24 0.59	45.72 1.40 0.78	50.05 1.53 0.68	51.23 1.54 0.12	45.93 1.38 0.00	41.90 1.30 0.00	35.33 1.10 0.00	31.11 0.94 0.00
GINNA____ 23603	25.47 -1.43 0.00	22.88 -1.41 0.00	20.63 -1.20 0.00	20.04 -1.30 0.00	19.87 -1.20 0.00	21.99 -1.33 0.00	25.77 -1.56 0.00	28.37 -1.78 0.00	27.84 -1.68 0.00	23.11 -1.61 0.00	24.71 -1.41 0.00	24.88 -1.50 0.00	25.25 -1.56 0.00	25.61 -1.46 0.00	25.52 -1.40 0.00	27.87 -1.50 0.00	33.38 -1.91 0.00	42.62 -2.48 0.00	46.84 -2.36 0.00	47.47 -2.34 0.00	42.28 -2.27 0.00	38.45 -2.15 0.00	32.56 -1.68 0.00	29.15 -1.03 0.00
GLEN PARK____ 23778	27.46 0.57 0.00	24.80 0.51 0.00	22.14 0.31 0.00	21.70 0.36 0.00	21.43 0.36 0.00	23.88 0.56 0.00	27.90 0.57 0.00	30.72 0.57 0.00	29.85 0.33 0.00	24.49 -0.22 0.00	25.88 -0.24 0.00	26.17 -0.21 0.00	26.59 -0.22 0.00	26.72 -0.35 0.00	26.68 -0.24 0.00	29.19 -0.18 0.00	35.47 0.18 0.00	45.60 0.50 0.00	50.63 1.43 0.00	51.85 2.04 0.00	46.47 1.91 0.00	42.39 1.78 0.00	35.53 1.30 0.00	31.05 0.88 0.00
GLENDALE_27_KV_LOAD 356172	29.17 2.26 -0.01	26.34 2.04 -0.01	23.59 1.75 -0.01	23.10 1.75 -0.01	22.83 1.75 -0.01	25.09 1.77 0.00	29.48 2.16 0.00	32.75 2.59 0.00	32.38 2.86 0.00	31.04 2.55 -3.78	32.42 2.72 -3.58	36.76 2.77 -7.61	37.62 2.79 -8.03	38.50 2.90 -8.52	39.46 2.93 -9.60	41.45 3.05 -9.03	48.04 3.71 -9.04	61.58 4.56 -11.92	64.36 4.77 -10.39	56.43 4.78 -1.84	48.56 4.01 0.00	44.14 3.53 0.00	37.59 3.35 0.00	33.01 2.84 0.00
GLENWOOD_IC_1_G5 23712	33.76 2.21 -4.66	26.35 2.02 -0.04	23.64 1.75 -0.06	23.18 1.79 -0.05	22.93 1.79 -0.06	25.21 1.84 -0.04	29.56 2.21 -0.02	34.61 2.65 -1.80	32.57 2.83 -0.22	33.80 2.52 -6.57	45.28 2.61 -16.55	42.79 2.64 -13.77	43.89 2.60 -14.48	43.71 2.68 -13.96	47.40 2.69 -17.79	47.68 2.82 -15.50	59.24 3.35 -20.60	96.44 4.19 -47.14	86.40 4.38 -32.82	65.35 4.43 -11.11	52.75 3.83 -4.37	43.91 3.29 -0.02	51.31 2.98 -14.10	40.22 2.66 -7.38
GLENWOOD_IC_2_G1 23688	29.14 2.04 -0.20	26.16 1.87 0.00	23.45 1.62 0.00	23.01 1.67 0.00	22.72 1.64 0.00	25.02 1.70 0.00	29.37 2.05 0.00	32.64 2.41 -0.08	32.04 2.51 -0.01	29.49 2.30 -2.48	28.39 2.45 0.19	29.27 2.48 -0.41	32.63 2.52 -3.31	35.25 2.66 -5.52	32.59 2.67 -3.00	36.78 2.79 -4.62	48.17 3.35 -9.52	62.66 4.15 -13.41	64.57 4.38 -10.99	56.34 4.43 -2.10	48.57 3.83 -0.19	43.85 3.25 0.00	37.56 2.94 -0.38	33.00 2.50 -0.32
GLENWOOD_IC_3_G1 23689	29.14 2.04 -0.20	26.16 1.87 0.00	23.45 1.62 0.00	23.01 1.67 0.00	22.72 1.64 0.00	25.02 1.70 0.00	29.37 2.05 0.00	32.64 2.41 -0.08	32.04 2.51 -0.01	29.49 2.30 -2.48	28.39 2.45 0.19	29.27 2.48 -0.41	32.63 2.52 -3.31	35.25 2.66 -5.52	32.59 2.67 -3.00	36.78 2.79 -4.62	48.17 3.35 -9.52	62.66 4.15 -13.41	64.57 4.38 -10.99	56.34 4.43 -2.10	48.57 3.83 -0.19	43.85 3.25 0.00	37.56 2.94 -0.38	33.00 2.50 -0.32
GLENWOOD___4 23550	33.76 2.21 -4.66	26.35 2.02 -0.04	23.64 1.75 -0.06	23.18 1.79 -0.05	22.93 1.79 -0.06	25.21 1.84 -0.04	29.56 2.21 -0.02	34.61 2.65 -1.80	32.57 2.83 -0.22	33.80 2.52 -6.57	45.31 2.64 -16.55	42.82 2.66 -13.77	43.97 2.68 -14.48	43.79 2.76 -13.96	47.48 2.77 -17.79	47.74 2.88 -15.50	59.35 3.46 -20.60	96.53 4.28 -47.14	86.55 4.53 -32.82	65.45 4.53 -11.11	52.84 3.92 -4.37	43.99 3.37 -0.02	51.38 3.05 -14.10	40.22 2.66 -7.38
GLENWOOD___5 23614	33.76 2.21 -4.66	26.35 2.02 -0.04	23.64 1.75 -0.06	23.18 1.79 -0.05	22.93 1.79 -0.06	25.21 1.84 -0.04	29.56 2.21 -0.02	34.61 2.65 -1.80	32.57 2.83 -0.22	33.80 2.52 -6.57	45.31 2.64 -16.55	42.82 2.66 -13.77	43.97 2.68 -14.48	43.79 2.76 -13.96	47.48 2.77 -17.79	47.74 2.88 -15.50	59.35 3.46 -20.60	96.53 4.28 -47.14	86.55 4.53 -32.82	65.45 4.53 -11.11	52.84 3.92 -4.37	43.99 3.37 -0.02	51.38 3.05 -14.10	40.22 2.66 -7.38
GLOBAL GREEN_PORT_GT1 23814	32.44 2.85 -2.69	28.92 2.77 -1.86	27.00 2.51 -2.66	26.38 2.62 -2.42	26.72 2.68 -2.97	28.03 2.91 -1.79	31.46 3.53 -0.61	38.67 4.07 -4.45	37.75 4.10 -4.13	39.03 3.63 -10.68	39.17 3.73 -9.32	37.84 3.59 -7.87	39.79 3.43 -9.55	40.77 3.47 -10.23	41.52 3.34 -11.26	43.47 3.41 -10.69	55.06 3.99 -15.78	82.63 5.27 -32.25	69.33 5.46 -14.67	59.11 5.48 -3.82	51.82 4.68 -2.59	44.67 4.06 -0.01	40.31 3.46 -2.62	37.40 2.96 -4.26
GLOBE___DSASP 323697	25.55 -1.34 0.00	22.71 -1.58 0.00	20.63 -1.20 0.00	20.06 -1.28 0.00	19.83 -1.24 0.00	22.08 -1.24 0.00	25.83 -1.48 0.02	27.93 -2.20 0.02	27.40 -2.10 0.02	22.82 -1.95 0.02	21.43 -1.93 2.75	22.88 -2.06 1.44	21.77 -2.12 2.92	21.90 -2.08 3.09	21.70 -2.10 3.12	23.79 -2.23 3.35	28.57 -2.86 3.87	36.32 -4.01 4.77	40.17 -3.79 5.24	44.06 -3.79 1.96	41.32 -3.21 0.02	37.54 -3.05 0.02	32.30 -1.92 0.02	29.49 -0.66 0.02
GOETHSLN___LBMP 323567	28.78 1.88 0.00	26.01 1.72 0.00	23.29 1.46 0.00	22.83 1.49 0.00	22.57 1.50 0.00	24.84 1.52 0.00	29.21 1.89 0.00	32.53 2.38 0.00	32.15 2.63 0.00	30.83 2.40 -3.72	32.08 2.56 -3.40	36.29 2.61 -7.30	37.28 2.65 -7.82	38.17 2.71 -8.39	38.98 2.75 -9.31	41.05 2.85 -8.83	47.76 3.42 -9.05	61.27 4.24 -11.93	63.98 4.38 -10.40	56.13 4.48 -1.84	48.29 3.74 0.00	43.77 3.17 0.00	37.14 2.91 0.00	32.62 2.44 0.00
GOLAH___69_KV_TB 1_2 80279	26.82 -0.08 0.00	24.05 -0.24 0.00	21.70 -0.13 0.00	21.06 -0.28 0.00	20.84 -0.23 0.00	23.16 -0.16 0.00	27.16 -0.16 0.00	29.73 -0.42 0.00	29.02 -0.50 0.00	24.12 -0.59 0.00	25.78 -0.34 0.00	25.99 -0.40 0.00	26.35 -0.46 0.00	26.73 -0.35 0.00	26.63 -0.30 0.00	29.10 -0.26 0.00	34.76 -0.53 0.00	44.34 -0.77 0.00	48.91 -0.30 0.00	49.56 -0.25 0.00	44.28 -0.27 0.00	40.28 -0.32 0.00	34.27 0.03 0.00	30.90 0.72 0.00
GOODYEAR_LAKE_HYD 323669	28.03 1.13 0.00	25.31 1.02 0.00	22.73 0.90 0.00	22.23 0.90 0.00	21.96 0.89 0.00	24.25 0.93 0.00	28.41 1.09 0.00	31.33 1.18 0.00	30.79 1.27 0.00	25.81 0.96 -0.13	27.19 1.02 -0.05	27.54 1.00 -0.15	28.06 1.02 -0.24	28.41 1.03 -0.30	28.15 0.97 -0.26	30.75 1.09 -0.29	37.15 1.45 -0.41	47.49 1.85 -0.54	51.97 2.31 -0.45	52.38 2.49 -0.08	46.87 2.32 0.00	42.67 2.07 0.00	35.94 1.71 0.00	31.63 1.45 0.00
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	27.30 0.40 0.00	24.58 0.29 0.00	22.14 0.31 0.00	21.59 0.26 0.00	21.37 0.30 0.00	23.62 0.30 0.00	27.76 0.44 0.00	30.48 0.33 0.00	29.82 0.30 0.00	24.99 0.10 -0.18	26.73 0.00 -0.61	26.85 -0.03 -0.50	27.69 -0.03 -0.91	28.09 -0.03 -1.04	27.37 0.11 -0.34	29.90 0.15 -0.38	36.04 0.21 -0.54	46.08 0.27 -0.71	50.37 0.54 -0.63	50.52 0.60 -0.11	45.26 0.71 0.00	41.17 0.57 0.00	34.78 0.55 0.00	30.90 0.72 0.00

GOUDEY___7 23579	27.30 0.40 0.00	24.58 0.29 0.00	22.14 0.31 0.00	21.59 0.26 0.00	21.37 0.30 0.00	23.62 0.30 0.00	27.76 0.44 0.00	30.48 0.33 0.00	29.82 0.30 0.00	24.99 0.10 -0.18	26.73 0.00 -0.61	26.85 -0.03 -0.50	27.69 -0.03 -0.91	28.09 -0.03 -1.04	27.37 0.11 -0.34	29.90 0.15 -0.38	36.04 0.21 -0.54	46.08 0.27 -0.71	50.37 0.54 -0.63	50.52 0.60 -0.11	45.26 0.71 0.00	41.17 0.57 0.00	34.78 0.55 0.00	30.90 0.72 0.00
GOUDEY___8 23580	27.30 0.40 0.00	24.58 0.29 0.00	22.14 0.31 0.00	21.59 0.26 0.00	21.37 0.30 0.00	23.62 0.30 0.00	27.76 0.44 0.00	30.48 0.33 0.00	29.82 0.30 0.00	24.99 0.10 -0.18	26.73 0.00 -0.61	26.85 -0.03 -0.50	27.69 -0.03 -0.91	28.09 -0.03 -1.04	27.37 0.11 -0.34	29.90 0.15 -0.38	36.04 0.21 -0.54	46.08 0.27 -0.71	50.37 0.54 -0.63	50.52 0.60 -0.11	45.26 0.71 0.00	41.17 0.57 0.00	34.78 0.55 0.00	30.90 0.72 0.00
GOWANUS_GT1_1 24077	29.19 2.29 -0.01	26.36 2.06 -0.01	23.59 1.75 -0.01	23.10 1.75 -0.01	22.81 1.73 -0.01	25.05 1.73 0.00	29.37 2.05 0.00	32.62 2.47 0.00	32.27 2.75 0.00	30.92 2.42 -3.78	32.29 2.59 -3.58	36.63 2.64 -7.61	37.52 2.68 -8.03	38.39 2.79 -8.52	39.33 2.80 -9.60	41.33 2.94 -9.03	47.90 3.56 -9.04	61.44 4.42 -11.92	64.17 4.58 -10.39	56.23 4.58 -1.84	48.38 3.83 0.00	43.97 3.37 0.00	37.55 3.32 0.00	33.04 2.87 0.00
GOWANUS_GT1_2 24078	29.19 2.29 -0.01	26.36 2.06 -0.01	23.59 1.75 -0.01	23.10 1.75 -0.01	22.81 1.73 -0.01	25.05 1.73 0.00	29.37 2.05 0.00	32.62 2.47 0.00	32.27 2.75 0.00	30.92 2.42 -3.78	32.29 2.59 -3.58	36.63 2.64 -7.61	37.52 2.68 -8.03	38.39 2.79 -8.52	39.33 2.80 -9.60	41.33 2.94 -9.03	47.90 3.56 -9.04	61.44 4.42 -11.92	64.17 4.58 -10.39	56.23 4.58 -1.84	48.38 3.83 0.00	43.97 3.37 0.00	37.55 3.32 0.00	33.04 2.87 0.00
GOWANUS_GT1_3 24079	29.19 2.29 -0.01	26.36 2.06 -0.01	23.59 1.75 -0.01	23.10 1.75 -0.01	22.81 1.73 -0.01	25.05 1.73 0.00	29.37 2.05 0.00	32.62 2.47 0.00	32.27 2.75 0.00	30.92 2.42 -3.78	32.29 2.59 -3.58	36.63 2.64 -7.61	37.52 2.68 -8.03	38.39 2.79 -8.52	39.33 2.80 -9.60	41.33 2.94 -9.03	47.90 3.56 -9.04	61.44 4.42 -11.92	64.17 4.58 -10.39	56.23 4.58 -1.84	48.38 3.83 0.00	43.97 3.37 0.00	37.55 3.32 0.00	33.04 2.87 0.00
GOWANUS_GT1_4 24080	29.19 2.29 -0.01	26.36 2.06 -0.01	23.59 1.75 -0.01	23.10 1.75 -0.01	22.81 1.73 -0.01	25.05 1.73 0.00	29.37 2.05 0.00	32.62 2.47 0.00	32.27 2.75 0.00	30.92 2.42 -3.78	32.29 2.59 -3.58	36.63 2.64 -7.61	37.52 2.68 -8.03	38.39 2.79 -8.52	39.33 2.80 -9.60	41.33 2.94 -9.03	47.90 3.56 -9.04	61.44 4.42 -11.92	64.17 4.58 -10.39	56.23 4.58 -1.84	48.38 3.83 0.00	43.97 3.37 0.00	37.55 3.32 0.00	33.04 2.87 0.00
GOWANUS_GT1_5 24084	29.19 2.29 -0.01	26.36 2.06 -0.01	23.59 1.75 -0.01	23.10 1.75 -0.01	22.81 1.73 -0.01	25.05 1.73 0.00	29.37 2.05 0.00	32.62 2.47 0.00	32.27 2.75 0.00	30.92 2.42 -3.78	32.29 2.59 -3.58	36.63 2.64 -7.61	37.52 2.68 -8.03	38.39 2.79 -8.52	39.33 2.80 -9.60	41.33 2.94 -9.03	47.90 3.56 -9.04	61.44 4.42 -11.92	64.17 4.58 -10.39	56.23 4.58 -1.84	48.38 3.83 0.00	43.97 3.37 0.00	37.55 3.32 0.00	33.04 2.87 0.00
GOWANUS_GT1_6 24111	29.19 2.29 -0.01	26.36 2.06 -0.01	23.59 1.75 -0.01	23.10 1.75 -0.01	22.81 1.73 -0.01	25.05 1.73 0.00	29.37 2.05 0.00	32.62 2.47 0.00	32.27 2.75 0.00	30.92 2.42 -3.78	32.29 2.59 -3.58	36.63 2.64 -7.61	37.52 2.68 -8.03	38.39 2.79 -8.52	39.33 2.80 -9.60	41.33 2.94 -9.03	47.90 3.56 -9.04	61.44 4.42 -11.92	64.17 4.58 -10.39	56.23 4.58 -1.84	48.38 3.83 0.00	43.97 3.37 0.00	37.55 3.32 0.00	33.04 2.87 0.00
GOWANUS_GT1_7 24112	29.19 2.29 -0.01	26.36 2.06 -0.01	23.59 1.75 -0.01	23.10 1.75 -0.01	22.81 1.73 -0.01	25.05 1.73 0.00	29.37 2.05 0.00	32.62 2.47 0.00	32.27 2.75 0.00	30.92 2.42 -3.78	32.29 2.59 -3.58	36.63 2.64 -7.61	37.52 2.68 -8.03	38.39 2.79 -8.52	39.33 2.80 -9.60	41.33 2.94 -9.03	47.90 3.56 -9.04	61.44 4.42 -11.92	64.17 4.58 -10.39	56.23 4.58 -1.84	48.38 3.83 0.00	43.97 3.37 0.00	37.55 3.32 0.00	33.04 2.87 0.00
GOWANUS_GT1_8 24113	29.19 2.29 -0.01	26.36 2.06 -0.01	23.59 1.75 -0.01	23.10 1.75 -0.01	22.81 1.73 -0.01	25.05 1.73 0.00	29.37 2.05 0.00	32.62 2.47 0.00	32.27 2.75 0.00	30.92 2.42 -3.78	32.29 2.59 -3.58	36.63 2.64 -7.61	37.52 2.68 -8.03	38.39 2.79 -8.52	39.33 2.80 -9.60	41.33 2.94 -9.03	47.90 3.56 -9.04	61.44 4.42 -11.92	64.17 4.58 -10.39	56.23 4.58 -1.84	48.38 3.83 0.00	43.97 3.37 0.00	37.55 3.32 0.00	33.04 2.87 0.00
GOWANUS_GT2_1 24114	29.19 2.29 -0.01	26.36 2.06 -0.01	23.59 1.75 -0.01	23.10 1.75 -0.01	22.81 1.73 -0.01	25.05 1.73 0.00	29.40 2.08 0.00	32.59 2.44 0.00	32.12 2.60 0.00	30.94 2.45 -3.78	32.23 2.53 -3.58	36.58 2.59 -7.61	37.46 2.63 -8.03	38.39 2.79 -8.52	39.33 2.80 -9.60	41.33 2.94 -9.03	47.90 3.56 -9.04	61.45 4.42 -11.92	64.21 4.62 -10.39	56.22 4.58 -1.84	48.43 3.87 0.00	43.97 3.37 0.00	37.55 3.32 0.00	33.05 2.87 0.00
GOWANUS_GT2_2 24115	29.19 2.29 -0.01	26.36 2.06 -0.01	23.59 1.75 -0.01	23.10 1.75 -0.01	22.81 1.73 -0.01	25.05 1.73 0.00	29.40 2.08 0.00	32.59 2.44 0.00	32.12 2.60 0.00	30.94 2.45 -3.78	32.23 2.53 -3.58	36.58 2.59 -7.61	37.46 2.63 -8.03	38.39 2.79 -8.52	39.33 2.80 -9.60	41.33 2.94 -9.03	47.90 3.56 -9.04	61.45 4.42 -11.92	64.21 4.62 -10.39	56.22 4.58 -1.84	48.43 3.87 0.00	43.97 3.37 0.00	37.55 3.32 0.00	33.05 2.87 0.00
GOWANUS_GT2_3 24116	29.19 2.29 -0.01	26.36 2.06 -0.01	23.59 1.75 -0.01	23.10 1.75 -0.01	22.81 1.73 -0.01	25.05 1.73 0.00	29.40 2.08 0.00	32.59 2.44 0.00	32.12 2.60 0.00	30.94 2.45 -3.78	32.23 2.53 -3.58	36.58 2.59 -7.61	37.46 2.63 -8.03	38.39 2.79 -8.52	39.33 2.80 -9.60	41.33 2.94 -9.03	47.90 3.56 -9.04	61.45 4.42 -11.92	64.21 4.62 -10.39	56.22 4.58 -1.84	48.43 3.87 0.00	43.97 3.37 0.00	37.55 3.32 0.00	33.05 2.87 0.00
GOWANUS_GT2_4 24117	29.19 2.29 -0.01	26.36 2.06 -0.01	23.59 1.75 -0.01	23.10 1.75 -0.01	22.81 1.73 -0.01	25.05 1.73 0.00	29.40 2.08 0.00	32.59 2.44 0.00	32.12 2.60 0.00	30.94 2.45 -3.78	32.23 2.53 -3.58	36.58 2.59 -7.61	37.46 2.63 -8.03	38.39 2.79 -8.52	39.33 2.80 -9.60	41.33 2.94 -9.03	47.90 3.56 -9.04	61.45 4.42 -11.92	64.21 4.62 -10.39	56.22 4.58 -1.84	48.43 3.87 0.00	43.97 3.37 0.00	37.55 3.32 0.00	33.05 2.87 0.00
GOWANUS_GT2_5 24118	29.19 2.29 -0.01	26.36 2.06 -0.01	23.59 1.75 -0.01	23.10 1.75 -0.01	22.81 1.73 -0.01	25.05 1.73 0.00	29.40 2.08 0.00	32.59 2.44 0.00	32.12 2.60 0.00	30.94 2.45 -3.78	32.23 2.53 -3.58	36.58 2.59 -7.61	37.46 2.63 -8.03	38.39 2.79 -8.52	39.33 2.80 -9.60	41.33 2.94 -9.03	47.90 3.56 -9.04	61.45 4.42 -11.92	64.21 4.62 -10.39	56.22 4.58 -1.84	48.43 3.87 0.00	43.97 3.37 0.00	37.55 3.32 0.00	33.05 2.87 0.00

GOWANUS_GT2_6 24119	29.19 2.29 -0.01	26.36 2.06 -0.01	23.59 1.75 -0.01	23.10 1.75 -0.01	22.81 1.73 -0.01	25.05 1.73 0.00	29.40 2.08 0.00	32.59 2.44 0.00	32.12 2.60 0.00	30.94 2.45 -3.78	32.23 2.53 -3.58	36.58 2.59 -7.61	37.46 2.63 -8.03	38.39 2.79 -8.52	39.33 2.80 -9.60	41.33 2.94 -9.03	47.90 3.56 -9.04	61.45 4.42 -11.92	64.21 4.62 -10.39	56.22 4.58 -1.84	48.43 3.87 0.00	43.97 3.37 0.00	37.55 3.32 0.00	33.05 2.87 0.00
GOWANUS_GT2_7 24120	29.19 2.29 -0.01	26.36 2.06 -0.01	23.59 1.75 -0.01	23.10 1.75 -0.01	22.81 1.73 -0.01	25.05 1.73 0.00	29.40 2.08 0.00	32.59 2.44 0.00	32.12 2.60 0.00	30.94 2.45 -3.78	32.23 2.53 -3.58	36.58 2.59 -7.61	37.46 2.63 -8.03	38.39 2.79 -8.52	39.33 2.80 -9.60	41.33 2.94 -9.03	47.90 3.56 -9.04	61.45 4.42 -11.92	64.21 4.62 -10.39	56.22 4.58 -1.84	48.43 3.87 0.00	43.97 3.37 0.00	37.55 3.32 0.00	33.05 2.87 0.00
GOWANUS_GT2_8 24121	29.19 2.29 -0.01	26.36 2.06 -0.01	23.59 1.75 -0.01	23.10 1.75 -0.01	22.81 1.73 -0.01	25.05 1.73 0.00	29.40 2.08 0.00	32.59 2.44 0.00	32.12 2.60 0.00	30.94 2.45 -3.78	32.23 2.53 -3.58	36.58 2.59 -7.61	37.46 2.63 -8.03	38.39 2.79 -8.52	39.33 2.80 -9.60	41.33 2.94 -9.03	47.90 3.56 -9.04	61.45 4.42 -11.92	64.21 4.62 -10.39	56.22 4.58 -1.84	48.43 3.87 0.00	43.97 3.37 0.00	37.55 3.32 0.00	33.05 2.87 0.00
GOWANUS_GT3_1 24122	29.19 2.29 -0.01	26.36 2.06 -0.01	23.59 1.75 -0.01	23.10 1.75 -0.01	22.81 1.73 -0.01	25.05 1.73 0.00	29.40 2.08 0.00	32.59 2.44 0.00	32.12 2.60 0.00	30.94 2.45 -3.78	32.23 2.53 -3.58	36.58 2.59 -7.61	37.46 2.63 -8.03	38.39 2.79 -8.52	39.33 2.80 -9.60	41.33 2.94 -9.03	47.90 3.56 -9.04	61.45 4.42 -11.92	64.21 4.62 -10.39	56.22 4.58 -1.84	48.43 3.87 0.00	43.97 3.37 0.00	37.55 3.32 0.00	33.05 2.87 0.00
GOWANUS_GT3_2 24123	29.19 2.29 -0.01	26.36 2.06 -0.01	23.59 1.75 -0.01	23.10 1.75 -0.01	22.81 1.73 -0.01	25.05 1.73 0.00	29.40 2.08 0.00	32.59 2.44 0.00	32.12 2.60 0.00	30.94 2.45 -3.78	32.23 2.53 -3.58	36.58 2.59 -7.61	37.46 2.63 -8.03	38.39 2.79 -8.52	39.33 2.80 -9.60	41.33 2.94 -9.03	47.90 3.56 -9.04	61.45 4.42 -11.92	64.21 4.62 -10.39	56.22 4.58 -1.84	48.43 3.87 0.00	43.97 3.37 0.00	37.55 3.32 0.00	33.05 2.87 0.00
GOWANUS_GT3_3 24124	29.19 2.29 -0.01	26.36 2.06 -0.01	23.59 1.75 -0.01	23.10 1.75 -0.01	22.81 1.73 -0.01	25.05 1.73 0.00	29.40 2.08 0.00	32.59 2.44 0.00	32.12 2.60 0.00	30.94 2.45 -3.78	32.23 2.53 -3.58	36.58 2.59 -7.61	37.46 2.63 -8.03	38.39 2.79 -8.52	39.33 2.80 -9.60	41.33 2.94 -9.03	47.90 3.56 -9.04	61.45 4.42 -11.92	64.21 4.62 -10.39	56.22 4.58 -1.84	48.43 3.87 0.00	43.97 3.37 0.00	37.55 3.32 0.00	33.05 2.87 0.00
GOWANUS_GT3_4 24125	29.19 2.29 -0.01	26.36 2.06 -0.01	23.59 1.75 -0.01	23.10 1.75 -0.01	22.81 1.73 -0.01	25.05 1.73 0.00	29.40 2.08 0.00	32.59 2.44 0.00	32.12 2.60 0.00	30.94 2.45 -3.78	32.23 2.53 -3.58	36.58 2.59 -7.61	37.46 2.63 -8.03	38.39 2.79 -8.52	39.33 2.80 -9.60	41.33 2.94 -9.03	47.90 3.56 -9.04	61.45 4.42 -11.92	64.21 4.62 -10.39	56.22 4.58 -1.84	48.43 3.87 0.00	43.97 3.37 0.00	37.55 3.32 0.00	33.05 2.87 0.00
GOWANUS_GT3_5 24126	29.19 2.29 -0.01	26.36 2.06 -0.01	23.59 1.75 -0.01	23.10 1.75 -0.01	22.81 1.73 -0.01	25.05 1.73 0.00	29.40 2.08 0.00	32.59 2.44 0.00	32.12 2.60 0.00	30.94 2.45 -3.78	32.23 2.53 -3.58	36.58 2.59 -7.61	37.46 2.63 -8.03	38.39 2.79 -8.52	39.33 2.80 -9.60	41.33 2.94 -9.03	47.90 3.56 -9.04	61.45 4.42 -11.92	64.21 4.62 -10.39	56.22 4.58 -1.84	48.43 3.87 0.00	43.97 3.37 0.00	37.55 3.32 0.00	33.05 2.87 0.00
GOWANUS_GT3_6 24127	29.19 2.29 -0.01	26.36 2.06 -0.01	23.59 1.75 -0.01	23.10 1.75 -0.01	22.81 1.73 -0.01	25.05 1.73 0.00	29.40 2.08 0.00	32.59 2.44 0.00	32.12 2.60 0.00	30.94 2.45 -3.78	32.23 2.53 -3.58	36.58 2.59 -7.61	37.46 2.63 -8.03	38.39 2.79 -8.52	39.33 2.80 -9.60	41.33 2.94 -9.03	47.90 3.56 -9.04	61.45 4.42 -11.92	64.21 4.62 -10.39	56.22 4.58 -1.84	48.43 3.87 0.00	43.97 3.37 0.00	37.55 3.32 0.00	33.05 2.87 0.00
GOWANUS_GT3_7 24128	29.19 2.29 -0.01	26.36 2.06 -0.01	23.59 1.75 -0.01	23.10 1.75 -0.01	22.81 1.73 -0.01	25.05 1.73 0.00	29.40 2.08 0.00	32.59 2.44 0.00	32.12 2.60 0.00	30.94 2.45 -3.78	32.23 2.53 -3.58	36.58 2.59 -7.61	37.46 2.63 -8.03	38.39 2.79 -8.52	39.33 2.80 -9.60	41.33 2.94 -9.03	47.90 3.56 -9.04	61.45 4.42 -11.92	64.21 4.62 -10.39	56.22 4.58 -1.84	48.43 3.87 0.00	43.97 3.37 0.00	37.55 3.32 0.00	33.05 2.87 0.00
GOWANUS_GT3_8 24129	29.19 2.29 -0.01	26.36 2.06 -0.01	23.59 1.75 -0.01	23.10 1.75 -0.01	22.81 1.73 -0.01	25.05 1.73 0.00	29.40 2.08 0.00	32.59 2.44 0.00	32.12 2.60 0.00	30.94 2.45 -3.78	32.23 2.53 -3.58	36.58 2.59 -7.61	37.46 2.63 -8.03	38.39 2.79 -8.52	39.33 2.80 -9.60	41.33 2.94 -9.03	47.90 3.56 -9.04	61.45 4.42 -11.92	64.21 4.62 -10.39	56.22 4.58 -1.84	48.43 3.87 0.00	43.97 3.37 0.00	37.55 3.32 0.00	33.05 2.87 0.00
GOWANUS_GT4_1 24130	29.19 2.29 -0.01	26.36 2.06 -0.01	23.59 1.75 -0.01	23.10 1.75 -0.01	22.81 1.73 -0.01	25.05 1.73 0.00	29.37 2.05 0.00	32.62 2.47 0.00	32.27 2.75 0.00	30.92 2.42 -3.78	32.29 2.59 -3.58	36.63 2.64 -7.61	37.52 2.68 -8.03	38.39 2.79 -8.52	39.33 2.80 -9.60	41.33 2.94 -9.03	47.90 3.56 -9.04	61.44 4.42 -11.92	64.17 4.58 -10.39	56.23 4.58 -1.84	48.38 3.83 0.00	43.97 3.37 0.00	37.55 3.32 0.00	33.04 2.87 0.00
GOWANUS_GT4_2 24131	29.19 2.29 -0.01	26.36 2.06 -0.01	23.59 1.75 -0.01	23.10 1.75 -0.01	22.81 1.73 -0.01	25.05 1.73 0.00	29.37 2.05 0.00	32.62 2.47 0.00	32.27 2.75 0.00	30.92 2.42 -3.78	32.29 2.59 -3.58	36.63 2.64 -7.61	37.52 2.68 -8.03	38.39 2.79 -8.52	39.33 2.80 -9.60	41.33 2.94 -9.03	47.90 3.56 -9.04	61.44 4.42 -11.92	64.17 4.58 -10.39	56.23 4.58 -1.84	48.38 3.83 0.00	43.97 3.37 0.00	37.55 3.32 0.00	33.04 2.87 0.00
GOWANUS_GT4_3 24132	29.19 2.29 -0.01	26.36 2.06 -0.01	23.59 1.75 -0.01	23.10 1.75 -0.01	22.81 1.73 -0.01	25.05 1.73 0.00	29.37 2.05 0.00	32.62 2.47 0.00	32.27 2.75 0.00	30.92 2.42 -3.78	32.29 2.59 -3.58	36.63 2.64 -7.61	37.52 2.68 -8.03	38.39 2.79 -8.52	39.33 2.80 -9.60	41.33 2.94 -9.03	47.90 3.56 -9.04	61.44 4.42 -11.92	64.17 4.58 -10.39	56.23 4.58 -1.84	48.38 3.83 0.00	43.97 3.37 0.00	37.55 3.32 0.00	33.04 2.87 0.00
GOWANUS_GT4_4 24133	29.19 2.29 -0.01	26.36 2.06 -0.01	23.59 1.75 -0.01	23.10 1.75 -0.01	22.81 1.73 -0.01	25.05 1.73 0.00	29.37 2.05 0.00	32.62 2.47 0.00	32.27 2.75 0.00	30.92 2.42 -3.78	32.29 2.59 -3.58	36.63 2.64 -7.61	37.52 2.68 -8.03	38.39 2.79 -8.52	39.33 2.80 -9.60	41.33 2.94 -9.03	47.90 3.56 -9.04	61.44 4.42 -11.92	64.17 4.58 -10.39	56.23 4.58 -1.84	48.38 3.83 0.00	43.97 3.37 0.00	37.55 3.32 0.00	33.04 2.87 0.00

GOWANUS_GT4_5 24134	29.19 2.29 -0.01	26.36 2.06 -0.01	23.59 1.75 -0.01	23.10 1.75 -0.01	22.81 1.73 -0.01	25.05 1.73 0.00	29.37 2.05 0.00	32.62 2.47 0.00	32.27 2.75 0.00	30.92 2.42 -3.78	32.29 2.59 -3.58	36.63 2.64 -7.61	37.52 2.68 -8.03	38.39 2.79 -8.52	39.33 2.80 -9.60	41.33 2.94 -9.03	47.90 3.56 -9.04	61.44 4.42 -11.92	64.17 4.58 -10.39	56.23 4.58 -1.84	48.38 3.83 0.00	43.97 3.37 0.00	37.55 3.32 0.00	33.04 2.87 0.00
GOWANUS_GT4_6 24135	29.19 2.29 -0.01	26.36 2.06 -0.01	23.59 1.75 -0.01	23.10 1.75 -0.01	22.81 1.73 -0.01	25.05 1.73 0.00	29.37 2.05 0.00	32.62 2.47 0.00	32.27 2.75 0.00	30.92 2.42 -3.78	32.29 2.59 -3.58	36.63 2.64 -7.61	37.52 2.68 -8.03	38.39 2.79 -8.52	39.33 2.80 -9.60	41.33 2.94 -9.03	47.90 3.56 -9.04	61.44 4.42 -11.92	64.17 4.58 -10.39	56.23 4.58 -1.84	48.38 3.83 0.00	43.97 3.37 0.00	37.55 3.32 0.00	33.04 2.87 0.00
GOWANUS_GT4_7 24136	29.19 2.29 -0.01	26.36 2.06 -0.01	23.59 1.75 -0.01	23.10 1.75 -0.01	22.81 1.73 -0.01	25.05 1.73 0.00	29.37 2.05 0.00	32.62 2.47 0.00	32.27 2.75 0.00	30.92 2.42 -3.78	32.29 2.59 -3.58	36.63 2.64 -7.61	37.52 2.68 -8.03	38.39 2.79 -8.52	39.33 2.80 -9.60	41.33 2.94 -9.03	47.90 3.56 -9.04	61.44 4.42 -11.92	64.17 4.58 -10.39	56.23 4.58 -1.84	48.38 3.83 0.00	43.97 3.37 0.00	37.55 3.32 0.00	33.04 2.87 0.00
GOWANUS_GT4_8 24137	29.19 2.29 -0.01	26.36 2.06 -0.01	23.59 1.75 -0.01	23.10 1.75 -0.01	22.81 1.73 -0.01	25.05 1.73 0.00	29.37 2.05 0.00	32.62 2.47 0.00	32.27 2.75 0.00	30.92 2.42 -3.78	32.29 2.59 -3.58	36.63 2.64 -7.61	37.52 2.68 -8.03	38.39 2.79 -8.52	39.33 2.80 -9.60	41.33 2.94 -9.03	47.90 3.56 -9.04	61.44 4.42 -11.92	64.17 4.58 -10.39	56.23 4.58 -1.84	48.38 3.83 0.00	43.97 3.37 0.00	37.55 3.32 0.00	33.04 2.87 0.00
GREATVRV_69_KV_BK1 356245	32.62 2.96 -2.77	28.08 2.65 -1.14	25.77 2.31 -1.63	25.14 2.33 -1.48	25.21 2.32 -1.82	26.84 2.43 -1.10	30.59 2.90 -0.37	36.70 3.41 -3.14	35.62 3.54 -2.56	36.23 3.09 -8.42	38.95 3.29 -9.54	37.86 3.38 -8.10	39.90 3.35 -9.74	40.92 3.47 -10.37	41.82 3.39 -11.51	43.74 3.49 -10.88	55.25 4.02 -15.94	83.02 5.10 -32.83	70.63 5.46 -15.97	59.83 5.68 -4.34	52.27 5.08 -2.64	45.12 4.51 -0.01	41.76 4.04 -3.48	37.88 3.32 -4.38
GREENBSH_115KV_TB3 55895	27.57 0.67 0.00	24.95 0.66 0.00	22.40 0.57 0.00	21.87 0.53 0.00	21.60 0.53 0.00	23.81 0.49 0.00	27.79 0.46 0.00	30.69 0.54 0.00	30.11 0.59 0.00	24.90 0.57 0.38	26.57 0.65 0.20	26.55 0.69 0.52	26.83 0.72 0.71	26.97 0.76 0.86	26.96 0.83 0.79	29.37 0.85 0.85	35.14 0.95 1.11	44.73 1.08 1.46	49.01 1.08 1.27	50.68 1.10 0.22	45.62 1.07 0.00	41.58 0.97 0.00	34.99 0.75 0.00	30.78 0.60 0.00
GREENDGE_115KV_TB5 80291	27.09 0.19 0.00	24.31 0.02 0.00	21.90 0.07 0.00	21.32 -0.02 0.00	21.12 0.04 0.00	23.41 0.09 0.00	27.59 0.27 0.00	30.24 0.09 0.00	29.46 -0.06 0.00	24.50 -0.32 -0.11	30.95 -0.39 -5.22	28.88 -0.45 -2.95	32.20 -0.48 -5.88	32.94 -0.46 -6.32	32.90 -0.30 -6.27	35.86 -0.26 -6.75	42.71 -0.53 -7.95	54.48 -0.50 -9.87	59.79 -0.05 -10.64	53.60 0.00 -3.79	44.64 0.09 0.00	40.89 0.28 0.00	34.58 0.34 0.00	30.81 0.63 0.00
GREENIDGE___3 23582	27.09 0.19 0.00	24.31 0.02 0.00	21.90 0.07 0.00	21.32 -0.02 0.00	21.12 0.04 0.00	23.41 0.09 0.00	27.59 0.27 0.00	30.24 0.09 0.00	29.46 -0.06 0.00	24.50 -0.32 -0.11	30.95 -0.39 -5.22	28.88 -0.45 -2.95	32.20 -0.48 -5.88	32.94 -0.46 -6.32	32.90 -0.30 -6.27	35.86 -0.26 -6.75	42.71 -0.53 -7.95	54.48 -0.50 -9.87	59.79 -0.05 -10.64	53.60 0.00 -3.79	44.64 0.09 0.00	40.89 0.28 0.00	34.58 0.34 0.00	30.81 0.63 0.00
GREENIDGE___4 23583	27.09 0.19 0.00	24.31 0.02 0.00	21.90 0.07 0.00	21.30 -0.04 0.00	21.12 0.04 0.00	23.41 0.09 0.00	27.54 0.22 0.00	30.18 0.03 0.00	29.49 -0.03 0.00	24.50 -0.32 -0.11	30.95 -0.39 -5.22	28.88 -0.45 -2.95	32.23 -0.46 -5.88	32.94 -0.46 -6.32	32.90 -0.30 -6.27	35.86 -0.26 -6.75	42.71 -0.53 -7.95	54.48 -0.50 -9.87	59.79 -0.05 -10.64	53.60 0.00 -3.79	44.64 0.09 0.00	40.93 0.32 0.00	34.58 0.34 0.00	30.81 0.63 0.00
GREENLWN_69_KV_BK 3 55738	31.83 2.18 -2.75	26.32 2.28 0.26	23.47 2.01 0.37	23.07 2.07 0.33	22.75 2.09 0.41	25.22 2.15 0.25	29.75 2.51 0.08	33.65 2.95 -0.55	32.17 3.13 0.48	31.38 2.74 -3.92	38.39 2.90 -9.37	37.11 2.66 -8.06	39.22 2.71 -9.70	40.16 2.73 -10.35	41.00 2.61 -11.47	42.74 2.53 -10.85	54.46 3.32 -15.85	81.48 3.65 -32.73	68.53 3.94 -15.39	57.83 3.89 -4.14	50.68 3.56 -2.57	43.70 3.09 -0.01	40.46 3.08 -3.15	37.07 2.53 -4.36
GREENWD_138_KV_38B11_REV_LBMP_J 345004	29.19 2.29 -0.01	26.36 2.06 -0.01	23.59 1.75 -0.01	23.10 1.75 -0.01	22.81 1.73 -0.01	25.05 1.73 0.00	29.37 2.05 0.00	32.62 2.47 0.00	32.27 2.75 0.00	30.92 2.42 -3.78	32.29 2.59 -3.58	36.63 2.64 -7.61	37.52 2.68 -8.03	38.39 2.79 -8.52	39.33 2.80 -9.60	41.33 2.94 -9.03	47.90 3.56 -9.04	61.44 4.42 -11.92	64.17 4.58 -10.39	56.23 4.58 -1.84	48.38 3.83 0.00	43.97 3.37 0.00	37.55 3.32 0.00	33.04 2.87 0.00
GRISSOM___SOLAR 323813	28.65 1.75 0.00	25.82 1.53 0.00	23.12 1.29 0.00	22.60 1.26 0.00	22.34 1.26 0.00	24.72 1.40 0.00	28.82 1.50 0.00	31.51 1.36 0.00	30.76 1.24 0.00	25.33 0.89 0.28	26.93 0.91 0.11	26.94 0.87 0.32	27.21 0.88 0.48	27.40 0.95 0.62	27.39 1.00 0.53	29.92 1.14 0.59	35.79 1.34 0.84	45.89 1.89 1.11	50.79 2.56 0.97	52.83 3.19 0.17	47.85 3.30 0.00	43.61 3.00 0.00	36.63 2.40 0.00	32.11 1.93 0.00
GROVEVILLE___HYD 323602	28.70 1.80 0.00	25.97 1.68 0.00	23.23 1.40 0.00	22.77 1.43 0.00	22.49 1.41 0.00	24.79 1.47 0.00	29.07 1.75 0.00	32.26 2.11 0.00	31.73 2.21 0.00	28.23 1.90 -1.62	28.71 2.04 -0.55	30.24 2.11 -1.74	31.79 2.20 -2.78	33.01 2.30 -3.63	32.32 2.40 -3.01	35.38 2.58 -3.43	43.44 3.18 -4.97	55.76 4.10 -6.55	59.39 4.48 -5.71	55.25 4.43 -1.01	48.38 3.83 0.00	43.89 3.29 0.00	36.97 2.74 0.00	32.44 2.26 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	26.93 0.03 0.00	24.29 0.00 0.00	21.83 0.00 0.00	21.30 -0.04 0.00	21.05 -0.02 0.00	23.27 -0.05 0.00	27.38 0.05 0.00	30.09 -0.06 0.00	29.40 -0.12 0.00	24.54 -0.17 0.00	25.96 -0.16 0.00	26.25 -0.13 0.00	26.65 -0.16 0.00	26.86 -0.22 0.00	26.81 -0.11 0.00	29.28 -0.09 0.00	35.22 -0.07 0.00	45.10 0.00 0.00	49.35 0.15 0.00	50.01 0.20 0.00	44.68 0.13 0.00	40.68 0.08 0.00	34.30 0.07 0.00	30.30 0.12 0.00
HAMLTNNY_34_KV_TB 80303	26.87 -0.03 0.00	24.22 -0.07 0.00	21.79 -0.04 0.00	21.25 -0.09 0.00	21.01 -0.06 0.00	23.25 -0.07 0.00	27.32 0.00 0.00	30.03 -0.12 0.00	29.34 -0.18 0.00	24.47 -0.25 0.00	25.91 -0.21 0.00	26.17 -0.21 0.00	26.57 -0.24 0.00	26.83 -0.24 0.00	26.79 -0.13 0.00	29.25 -0.12 0.00	35.15 -0.14 0.00	44.97 -0.14 0.00	49.30 0.10 0.00	49.96 0.15 0.00	44.60 0.04 0.00	40.60 0.00 0.00	34.23 0.00 0.00	30.33 0.15 0.00

HAMPSHIRE___PAPER_HYD 323593	26.71 -0.19 0.00	24.17 -0.12 0.00	21.61 -0.22 0.00	21.19 -0.15 0.00	20.90 -0.17 0.00	23.25 -0.07 0.00	27.16 -0.16 0.00	30.03 -0.12 0.00	29.17 -0.35 0.00	24.12 -0.59 0.00	25.44 -0.68 0.00	25.70 -0.69 0.00	26.11 -0.70 0.00	26.32 -0.76 0.00	26.22 -0.70 0.00	28.61 -0.76 0.00	34.48 -0.81 0.00	44.24 -0.86 0.00	48.66 -0.54 0.00	49.61 -0.20 0.00	44.42 -0.13 0.00	40.68 0.08 0.00	34.37 0.14 0.00	30.09 -0.09 0.00
HARDSCRABBLE_WT_PWR 323673	27.11 0.21 0.00	24.51 0.22 0.00	22.00 0.17 0.00	21.53 0.19 0.00	21.28 0.21 0.00	23.58 0.26 0.00	27.59 0.27 0.00	30.48 0.33 0.00	29.85 0.33 0.00	24.89 0.17 0.00	26.25 0.13 0.00	26.46 0.08 0.00	26.81 0.00 0.00	27.05 -0.03 0.00	26.89 -0.03 0.00	29.37 0.00 0.00	35.40 0.11 0.00	45.33 0.23 0.00	49.59 0.39 0.00	50.20 0.40 0.00	44.82 0.27 0.00	40.72 0.12 0.00	34.27 0.03 0.00	30.06 -0.12 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	28.62 1.72 0.00	25.84 1.55 0.00	23.14 1.31 0.00	22.68 1.34 0.00	22.40 1.33 0.00	24.70 1.38 0.00	28.99 1.67 0.00	32.17 2.02 0.00	31.70 2.18 0.00	29.29 1.90 -2.67	29.70 2.04 -1.54	32.31 2.08 -3.85	33.99 2.17 -5.01	35.33 2.25 -6.01	34.94 2.34 -5.67	37.81 2.50 -5.94	45.84 3.04 -7.51	58.88 3.88 -9.90	62.01 4.18 -8.63	55.52 4.18 -1.52	48.12 3.56 0.00	43.65 3.05 0.00	36.83 2.60 0.00	32.32 2.14 0.00
HARSNRAD_115KV_TB1 81005	26.12 -0.78 0.00	23.22 -1.07 0.00	21.09 -0.74 0.00	20.48 -0.85 0.00	20.25 -0.82 0.00	22.55 -0.77 0.00	26.42 -0.90 0.00	28.65 -1.51 0.00	28.04 -1.48 0.00	23.33 -1.46 -0.08	21.37 -1.41 3.34	23.10 -1.53 1.75	21.63 -1.61 3.57	21.75 -1.54 3.78	21.58 -1.53 3.81	23.67 -1.62 4.09	28.47 -2.08 4.74	36.27 -2.98 5.85	40.17 -2.61 6.42	44.59 -2.84 2.38	42.19 -2.36 0.00	38.33 -2.27 0.00	32.97 -1.27 0.00	30.06 -0.12 0.00
HARZA MOOSE___RIVER 24016	27.28 0.38 0.00	24.63 0.34 0.00	22.05 0.22 0.00	21.57 0.23 0.00	21.31 0.23 0.00	23.67 0.35 0.00	27.68 0.36 0.00	30.54 0.39 0.00	29.79 0.27 0.00	24.69 -0.02 0.00	26.07 -0.05 0.00	26.35 -0.03 0.00	26.75 -0.05 0.00	27.00 -0.08 0.00	26.92 0.00 0.00	29.40 0.03 0.00	35.57 0.28 0.00	45.60 0.50 0.00	50.18 0.98 0.00	51.00 1.20 0.00	45.71 1.16 0.00	41.66 1.06 0.00	35.02 0.79 0.00	30.78 0.60 0.00
HDSNBRDG_115KV_BRDG_TB1 355580	26.90 0.00 0.00	24.27 -0.02 0.00	21.81 -0.02 0.00	21.27 -0.06 0.00	21.05 -0.02 0.00	23.27 -0.05 0.00	27.35 0.03 0.00	30.06 -0.09 0.00	29.40 -0.12 0.00	24.57 -0.15 0.00	25.96 -0.16 0.00	26.25 -0.13 0.00	26.65 -0.16 0.00	26.89 -0.19 0.00	26.84 -0.08 0.00	29.28 -0.09 0.00	35.26 -0.04 0.00	45.06 -0.05 0.00	49.35 0.15 0.00	49.96 0.15 0.00	44.68 0.13 0.00	40.68 0.08 0.00	34.30 0.07 0.00	30.30 0.12 0.00
HELLGATE_13_KV_LD 55870	29.17 2.26 -0.01	26.36 2.06 -0.01	23.61 1.77 -0.01	23.14 1.79 -0.01	22.85 1.77 -0.01	25.09 1.77 0.00	29.45 2.13 0.00	32.72 2.56 0.00	32.35 2.83 0.00	31.02 2.52 -3.78	32.39 2.69 -3.58	36.74 2.74 -7.61	37.60 2.76 -8.03	38.47 2.87 -8.52	39.41 2.88 -9.60	41.39 3.00 -9.03	47.97 3.63 -9.04	61.48 4.47 -11.91	64.21 4.62 -10.38	56.27 4.63 -1.83	48.47 3.92 0.00	44.09 3.49 0.00	37.59 3.35 0.00	32.99 2.81 0.00
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	29.17 2.26 -0.01	26.36 2.06 -0.01	23.61 1.77 -0.01	23.14 1.79 -0.01	22.85 1.77 -0.01	25.09 1.77 0.00	29.45 2.13 0.00	32.72 2.56 0.00	32.35 2.83 0.00	31.02 2.52 -3.78	32.39 2.69 -3.58	36.74 2.74 -7.61	37.60 2.76 -8.03	38.47 2.87 -8.52	39.41 2.88 -9.60	41.39 3.00 -9.03	47.97 3.63 -9.04	61.48 4.47 -11.91	64.21 4.62 -10.38	56.27 4.63 -1.83	48.47 3.92 0.00	44.09 3.49 0.00	37.59 3.35 0.00	32.99 2.81 0.00
HEMPSTEAD___ 23647	33.07 2.15 -4.02	26.32 1.99 -0.04	23.61 1.72 -0.05	23.18 1.79 -0.05	22.92 1.79 -0.06	25.18 1.82 -0.04	29.53 2.19 -0.02	34.27 2.56 -1.56	32.34 2.63 -0.19	33.10 2.40 -5.99	42.80 2.53 -14.14	40.77 2.53 -11.85	42.26 2.57 -12.87	42.50 2.68 -12.74	45.25 2.67 -15.66	46.03 2.73 -13.93	57.54 3.24 -19.00	91.46 4.06 -42.29	86.03 4.23 -32.60	65.03 4.28 -10.94	52.10 3.78 -3.77	43.87 3.25 -0.01	51.70 3.05 -14.43	39.11 2.56 -6.37
HICKLING___1 23621	27.25 0.35 0.00	24.44 0.15 0.00	22.05 0.22 0.00	21.47 0.13 0.00	21.26 0.19 0.00	23.58 0.26 0.00	27.76 0.44 0.00	30.33 0.18 0.00	29.55 0.03 0.00	24.58 -0.27 -0.14	28.14 -0.47 -2.49	27.31 -0.55 -1.48	29.13 -0.59 -2.91	29.67 -0.57 -3.17	29.63 -0.40 -3.11	32.34 -0.38 -3.35	38.90 -0.39 -3.99	49.67 -0.41 -4.98	54.55 0.05 -5.30	51.74 0.10 -1.83	44.95 0.40 0.00	40.89 0.28 0.00	34.68 0.45 0.00	31.05 0.88 0.00
HICKLING___2 23622	27.25 0.35 0.00	24.44 0.15 0.00	22.05 0.22 0.00	21.47 0.13 0.00	21.26 0.19 0.00	23.58 0.26 0.00	27.76 0.44 0.00	30.33 0.18 0.00	29.55 0.03 0.00	24.58 -0.27 -0.14	28.14 -0.47 -2.49	27.31 -0.55 -1.48	29.13 -0.59 -2.91	29.67 -0.57 -3.17	29.63 -0.40 -3.11	32.34 -0.38 -3.35	38.90 -0.39 -3.99	49.67 -0.41 -4.98	54.55 0.05 -5.30	51.74 0.10 -1.83	44.95 0.40 0.00	40.89 0.28 0.00	34.68 0.45 0.00	31.05 0.88 0.00
HIGH FALLS___HY 23754	28.81 1.91 0.00	26.04 1.75 0.00	23.27 1.44 0.00	22.81 1.47 0.00	22.53 1.45 0.00	24.86 1.54 0.00	29.23 1.91 0.00	32.44 2.29 0.00	31.94 2.42 0.00	28.19 2.05 -1.42	28.86 2.19 -0.54	30.24 2.24 -1.62	31.62 2.33 -2.48	32.71 2.44 -3.20	32.16 2.53 -2.71	35.17 2.76 -3.04	43.03 3.42 -4.32	55.30 4.51 -5.69	59.18 5.02 -4.96	55.67 4.98 -0.88	48.78 4.23 0.00	44.22 3.61 0.00	37.25 3.01 0.00	32.65 2.47 0.00
HIGH_RIVER___SOLAR 323847	28.16 1.26 0.00	25.43 1.14 0.00	22.81 0.98 0.00	22.30 0.96 0.00	22.02 0.95 0.00	24.32 1.00 0.00	28.36 1.04 0.00	31.06 0.90 0.00	30.23 0.71 0.00	24.85 0.45 0.31	26.44 0.44 0.12	26.45 0.42 0.35	26.69 0.43 0.54	26.87 0.49 0.70	26.87 0.54 0.59	29.29 0.59 0.66	35.02 0.67 0.94	45.03 1.17 1.24	49.84 1.72 1.08	51.86 2.24 0.19	46.87 2.32 0.00	42.71 2.11 0.00	35.94 1.71 0.00	31.57 1.39 0.00
HILLBURN___GT 23639	28.67 1.77 0.00	25.92 1.63 0.00	23.23 1.40 0.00	22.77 1.43 0.00	22.46 1.39 0.00	24.77 1.45 0.00	29.10 1.77 0.00	32.26 2.11 0.00	31.74 2.22 0.00	29.58 2.03 -2.84	29.96 2.14 -1.70	32.79 2.22 -4.19	34.46 2.28 -5.37	35.87 2.41 -6.39	35.47 2.45 -6.10	38.30 2.59 -6.35	46.31 3.11 -7.91	59.46 3.92 -10.43	62.47 4.18 -9.09	55.60 4.18 -1.61	48.12 3.57 0.00	43.61 3.00 0.00	36.87 2.64 0.00	32.41 2.23 0.00
HILLSIDE_115KV_TB1 80332	26.95 0.05 0.00	24.17 -0.12 0.00	21.81 -0.02 0.00	21.25 -0.09 0.00	21.03 -0.04 0.00	23.30 -0.02 0.00	27.40 0.08 0.00	29.97 -0.18 0.00	29.28 -0.24 0.00	24.47 -0.40 -0.15	27.22 -0.63 -1.73	26.77 -0.69 -1.08	28.18 -0.72 -2.10	28.67 -0.70 -2.29	28.59 -0.57 -2.23	31.20 -0.59 -2.41	37.52 -0.67 -2.90	47.87 -0.86 -3.63	52.43 -0.59 -3.82	50.55 -0.55 -1.29	44.42 -0.13 0.00	40.40 -0.20 0.00	34.23 0.00 0.00	30.63 0.45 0.00

HISHELDN_WT_PWR 323625	26.17 -0.73 0.00	23.32 -0.97 0.00	21.13 -0.70 0.00	20.51 -0.83 0.00	20.36 -0.72 0.00	22.57 -0.75 0.00	26.42 -0.90 0.00	28.62 -1.54 0.00	28.04 -1.48 0.00	23.16 -1.66 -0.10	7.43 -1.83 16.86	15.19 -2.08 9.11	6.28 -2.12 18.41	5.34 -2.11 19.62	5.23 -2.05 19.64	6.06 -2.20 21.10	7.96 -2.72 24.61	11.07 -3.56 30.47	12.76 -3.25 33.20	34.46 -3.24 12.11	41.92 -2.63 0.00	38.17 -2.44 0.00	32.80 -1.44 0.00	29.78 -0.39 0.00
HOLTSVILLE_IC_1 23690	32.14 2.56 -2.69	28.44 2.33 -1.82	26.49 2.05 -2.61	25.80 2.09 -2.37	26.09 2.11 -2.91	27.25 2.17 -1.76	30.48 2.57 -0.60	37.49 2.96 -4.38	36.58 3.01 -4.05	37.96 2.69 -10.55	38.24 2.82 -9.30	37.12 2.88 -7.86	39.13 2.79 -9.54	40.17 2.87 -10.22	40.99 2.83 -11.25	42.90 2.85 -10.68	54.30 3.24 -15.77	81.52 4.20 -32.22	68.23 4.43 -14.60	58.08 4.48 -3.79	51.19 4.05 -2.59	44.14 3.53 -0.01	40.13 3.32 -2.58	37.15 2.72 -4.26
HOLTSVILLE_IC_10 23699	32.29 2.69 -2.71	28.73 2.48 -1.96	26.83 2.18 -2.81	26.11 2.22 -2.55	26.42 2.21 -3.14	27.52 2.31 -1.89	30.70 2.73 -0.64	37.97 3.17 -4.65	37.07 3.19 -4.36	38.61 2.87 -11.03	38.51 3.00 -9.38	37.33 3.03 -7.92	39.34 2.95 -9.59	40.40 3.06 -10.26	41.27 3.04 -11.31	43.21 3.11 -10.73	54.71 3.60 -15.82	82.07 4.60 -32.37	69.00 4.87 -14.93	58.66 4.93 -3.92	51.62 4.45 -2.61	44.51 3.90 -0.01	40.58 3.56 -2.79	37.36 2.90 -4.29
HOLTSVILLE_IC_2 23691	32.14 2.56 -2.69	28.44 2.33 -1.82	26.49 2.05 -2.61	25.80 2.09 -2.37	26.09 2.11 -2.91	27.25 2.17 -1.76	30.48 2.57 -0.60	37.49 2.96 -4.38	36.58 3.01 -4.05	37.96 2.69 -10.55	38.24 2.82 -9.30	37.12 2.88 -7.86	39.13 2.79 -9.54	40.17 2.87 -10.22	40.99 2.83 -11.25	42.90 2.85 -10.68	54.30 3.24 -15.77	81.52 4.20 -32.22	68.23 4.43 -14.60	58.08 4.48 -3.79	51.19 4.05 -2.59	44.14 3.53 -0.01	40.13 3.32 -2.58	37.15 2.72 -4.26
HOLTSVILLE_IC_3 23692	32.14 2.56 -2.69	28.44 2.33 -1.82	26.49 2.05 -2.61	25.80 2.09 -2.37	26.09 2.11 -2.91	27.25 2.17 -1.76	30.48 2.57 -0.60	37.49 2.96 -4.38	36.58 3.01 -4.05	37.96 2.69 -10.55	38.24 2.82 -9.30	37.12 2.88 -7.86	39.13 2.79 -9.54	40.17 2.87 -10.22	40.99 2.83 -11.25	42.90 2.85 -10.68	54.30 3.24 -15.77	81.52 4.20 -32.22	68.23 4.43 -14.60	58.08 4.48 -3.79	51.19 4.05 -2.59	44.14 3.53 -0.01	40.13 3.32 -2.58	37.15 2.72 -4.26
HOLTSVILLE_IC_4 23693	32.14 2.56 -2.69	28.44 2.33 -1.82	26.49 2.05 -2.61	25.80 2.09 -2.37	26.09 2.11 -2.91	27.25 2.17 -1.76	30.48 2.57 -0.60	37.49 2.96 -4.38	36.58 3.01 -4.05	37.96 2.69 -10.55	38.24 2.82 -9.30	37.12 2.88 -7.86	39.13 2.79 -9.54	40.17 2.87 -10.22	40.99 2.83 -11.25	42.90 2.85 -10.68	54.30 3.24 -15.77	81.52 4.20 -32.22	68.23 4.43 -14.60	58.08 4.48 -3.79	51.19 4.05 -2.59	44.14 3.53 -0.01	40.13 3.32 -2.58	37.15 2.72 -4.26
HOLTSVILLE_IC_5 23694	32.14 2.56 -2.69	28.44 2.33 -1.82	26.49 2.05 -2.61	25.80 2.09 -2.37	26.09 2.11 -2.91	27.25 2.17 -1.76	30.48 2.57 -0.60	37.49 2.96 -4.38	36.58 3.01 -4.05	37.96 2.69 -10.55	38.24 2.82 -9.30	37.12 2.88 -7.86	39.13 2.79 -9.54	40.17 2.87 -10.22	40.99 2.83 -11.25	42.90 2.85 -10.68	54.30 3.24 -15.77	81.52 4.20 -32.22	68.23 4.43 -14.60	58.08 4.48 -3.79	51.19 4.05 -2.59	44.14 3.53 -0.01	40.13 3.32 -2.58	37.15 2.72 -4.26
HOLTSVILLE_IC_6 23695	32.29 2.69 -2.71	28.73 2.48 -1.96	26.83 2.18 -2.81	26.11 2.22 -2.55	26.42 2.21 -3.14	27.52 2.31 -1.89	30.70 2.73 -0.64	37.97 3.17 -4.65	37.07 3.19 -4.36	38.61 2.87 -11.03	38.51 3.00 -9.38	37.33 3.03 -7.92	39.34 2.95 -9.59	40.40 3.06 -10.26	41.27 3.04 -11.31	43.21 3.11 -10.73	54.71 3.60 -15.82	82.07 4.60 -32.37	69.00 4.87 -14.93	58.66 4.93 -3.92	51.62 4.45 -2.61	44.51 3.90 -0.01	40.58 3.56 -2.79	37.36 2.90 -4.29
HOLTSVILLE_IC_7 23696	32.29 2.69 -2.71	28.73 2.48 -1.96	26.83 2.18 -2.81	26.11 2.22 -2.55	26.42 2.21 -3.14	27.52 2.31 -1.89	30.70 2.73 -0.64	37.97 3.17 -4.65	37.07 3.19 -4.36	38.61 2.87 -11.03	38.51 3.00 -9.38	37.33 3.03 -7.92	39.34 2.95 -9.59	40.40 3.06 -10.26	41.27 3.04 -11.31	43.21 3.11 -10.73	54.71 3.60 -15.82	82.07 4.60 -32.37	69.00 4.87 -14.93	58.66 4.93 -3.92	51.62 4.45 -2.61	44.51 3.90 -0.01	40.58 3.56 -2.79	37.36 2.90 -4.29
HOLTSVILLE_IC_8 23697	32.29 2.69 -2.71	28.73 2.48 -1.96	26.83 2.18 -2.81	26.11 2.22 -2.55	26.42 2.21 -3.14	27.52 2.31 -1.89	30.70 2.73 -0.64	37.97 3.17 -4.65	37.07 3.19 -4.36	38.61 2.87 -11.03	38.51 3.00 -9.38	37.33 3.03 -7.92	39.34 2.95 -9.59	40.40 3.06 -10.26	41.27 3.04 -11.31	43.21 3.11 -10.73	54.71 3.60 -15.82	82.07 4.60 -32.37	69.00 4.87 -14.93	58.66 4.93 -3.92	51.62 4.45 -2.61	44.51 3.90 -0.01	40.58 3.56 -2.79	37.36 2.90 -4.29
HOLTSVILLE_IC_9 23698	32.29 2.69 -2.71	28.73 2.48 -1.96	26.83 2.18 -2.81	26.11 2.22 -2.55	26.42 2.21 -3.14	27.52 2.31 -1.89	30.70 2.73 -0.64	37.97 3.17 -4.65	37.07 3.19 -4.36	38.61 2.87 -11.03	38.51 3.00 -9.38	37.33 3.03 -7.92	39.34 2.95 -9.59	40.40 3.06 -10.26	41.27 3.04 -11.31	43.21 3.11 -10.73	54.71 3.60 -15.82	82.07 4.60 -32.37	69.00 4.87 -14.93	58.66 4.93 -3.92	51.62 4.45 -2.61	44.51 3.90 -0.01	40.58 3.56 -2.79	37.36 2.90 -4.29
HOMER_HL_115KV_TB2 355744	26.60 -0.30 0.00	23.66 -0.63 0.00	21.46 -0.37 0.00	20.89 -0.45 0.00	20.67 -0.40 0.00	23.02 -0.30 0.00	27.08 -0.25 0.00	29.43 -0.72 0.00	28.87 -0.65 0.00	24.00 -0.82 -0.10	24.51 -1.65 -0.04	24.70 -1.79 -0.11	25.10 -1.88 -0.17	25.46 -1.84 -0.22	25.36 -1.75 -0.19	27.73 -1.85 -0.21	33.36 -2.22 -0.30	41.93 -3.56 -0.39	46.20 -3.35 -0.34	46.43 -3.44 -0.06	42.99 -1.56 0.00	39.06 -1.54 0.00	33.34 -0.89 0.00	30.60 0.42 0.00
HOWARD_WT_PWR 323690	26.63 -0.27 0.00	23.78 -0.51 0.00	21.46 -0.37 0.00	20.85 -0.49 0.00	20.70 -0.38 0.00	22.97 -0.35 0.00	27.02 -0.30 0.00	29.37 -0.78 0.00	28.64 -0.88 0.00	23.62 -1.21 -0.11	35.57 -1.49 -10.94	30.77 -1.69 -6.07	37.30 -1.69 -12.18	38.47 -1.65 -13.05	38.41 -1.51 -12.99	41.67 -1.67 -13.98	49.68 -2.01 -16.40	63.01 -2.44 -20.34	69.05 -2.16 -22.01	55.63 -2.09 -7.91	42.95 -1.60 0.00	39.06 -1.54 0.00	33.24 -0.99 0.00	29.93 -0.24 0.00
HQ_GEN_CEDARS 23644	26.17 -0.73 0.00	23.73 -0.56 0.00	21.33 -0.50 0.00	20.89 -0.45 0.00	20.57 -0.51 0.00	22.85 -0.47 0.00	26.86 -0.46 0.00	29.79 -0.36 0.00	28.90 -0.62 0.00	24.17 -0.54 0.00	25.41 -0.71 0.00	25.62 -0.77 0.00	26.08 -0.72 0.00	26.35 -0.73 0.00	26.11 -0.81 0.00	28.46 -0.91 0.00	34.09 -1.20 0.00	43.84 -1.26 0.00	47.63 -1.57 0.00	48.16 -1.64 0.00	43.21 -1.34 0.00	39.51 -1.10 0.00	33.38 -0.86 0.00	29.30 -0.88 0.00
HQ_GEN_CEDARS_PROXY 323590	26.17 -0.73 0.00	23.73 -0.56 0.00	21.33 -0.50 0.00	20.89 -0.45 0.00	20.57 -0.51 0.00	22.85 -0.47 0.00	26.86 -0.46 0.00	29.79 -0.36 0.00	28.90 -0.62 0.00	24.17 -0.54 0.00	25.42 -0.70 0.00	25.62 -0.77 0.00	26.06 -0.75 0.00	26.35 -0.73 0.00	26.11 -0.81 0.00	28.46 -0.91 0.00	34.09 -1.20 0.00	43.84 -1.26 0.00	47.62 -1.58 0.00	48.17 -1.64 0.00	43.22 -1.34 0.00	39.51 -1.09 0.00	33.38 -0.85 0.00	29.27 -0.90 0.00

HQ_GEN_IMPORT 323601	26.47 -0.43 0.00	23.90 -0.39 0.00	21.48 -0.35 0.00	21.00 -0.34 0.00	20.74 -0.34 0.00	23.02 -0.30 0.00	26.99 -0.33 0.00	29.82 -0.33 0.00	29.14 -0.38 0.00	24.42 -0.30 0.00	25.75 -0.37 0.00	25.99 -0.39 0.00	26.41 -0.40 0.00	26.70 -0.38 0.00	26.46 -0.46 0.00	28.90 -0.47 0.00	34.73 -0.57 0.00	44.43 -0.68 0.00	48.36 -0.84 0.00	48.96 -0.85 0.00	43.79 -0.76 0.00	39.95 -0.65 0.00	33.68 -0.55 0.00	29.66 -0.51 0.00
HQ_GEN_WHEEL 23651	26.47 -0.43 0.00	23.90 -0.39 0.00	21.48 -0.35 0.00	21.00 -0.34 0.00	20.74 -0.34 0.00	23.02 -0.30 0.00	26.99 -0.33 0.00	29.82 -0.33 0.00	29.14 -0.38 0.00	24.42 -0.30 0.00	25.75 -0.37 0.00	25.99 -0.39 0.00	26.41 -0.40 0.00	26.70 -0.38 0.00	26.46 -0.46 0.00	28.90 -0.47 0.00	34.73 -0.57 0.00	44.43 -0.68 0.00	48.36 -0.84 0.00	48.96 -0.85 0.00	43.79 -0.76 0.00	39.95 -0.65 0.00	33.68 -0.55 0.00	29.66 -0.51 0.00
HUDSON AVE_GT_3 23810	28.92 2.02 0.00	26.14 1.85 0.00	23.40 1.57 0.00	22.94 1.60 0.00	22.68 1.60 0.00	24.95 1.63 0.00	29.34 2.02 0.00	32.65 2.50 0.00	32.27 2.75 0.00	30.91 2.47 -3.72	32.15 2.64 -3.40	36.37 2.69 -7.30	37.36 2.73 -7.82	38.31 2.84 -8.39	39.09 2.85 -9.31	41.22 3.02 -8.83	47.98 3.63 -9.05	61.54 4.51 -11.93	64.32 4.72 -10.40	56.38 4.73 -1.84	48.56 4.01 0.00	44.01 3.41 0.00	37.31 3.08 0.00	32.77 2.60 0.00
HUDSON AVE_GT_4 23540	28.92 2.02 0.00	26.14 1.85 0.00	23.40 1.57 0.00	22.94 1.60 0.00	22.68 1.60 0.00	24.95 1.63 0.00	29.34 2.02 0.00	32.65 2.50 0.00	32.27 2.75 0.00	30.91 2.47 -3.72	32.15 2.64 -3.40	36.37 2.69 -7.30	37.36 2.73 -7.82	38.31 2.84 -8.39	39.09 2.85 -9.31	41.22 3.02 -8.83	47.98 3.63 -9.05	61.54 4.51 -11.93	64.32 4.72 -10.40	56.38 4.73 -1.84	48.56 4.01 0.00	44.01 3.41 0.00	37.31 3.08 0.00	32.77 2.60 0.00
HUDSON AVE_GT_5 23657	28.92 2.02 0.00	26.14 1.85 0.00	23.40 1.57 0.00	22.94 1.60 0.00	22.68 1.60 0.00	24.95 1.63 0.00	29.34 2.02 0.00	32.65 2.50 0.00	32.27 2.75 0.00	30.91 2.47 -3.72	32.15 2.64 -3.40	36.37 2.69 -7.30	37.36 2.73 -7.82	38.31 2.84 -8.39	39.09 2.85 -9.31	41.22 3.02 -8.83	47.98 3.63 -9.05	61.54 4.51 -11.93	64.32 4.72 -10.40	56.38 4.73 -1.84	48.56 4.01 0.00	44.01 3.41 0.00	37.31 3.08 0.00	32.77 2.60 0.00
HUDSON_AVE_10 24168	28.81 1.91 0.00	26.01 1.72 0.00	23.29 1.46 0.00	22.83 1.49 0.00	22.57 1.50 0.00	24.84 1.52 0.00	29.23 1.91 0.00	32.53 2.38 0.00	32.18 2.66 0.00	30.86 2.42 -3.72	32.10 2.59 -3.40	36.29 2.61 -7.30	37.31 2.68 -7.82	38.23 2.76 -8.39	39.03 2.80 -9.31	41.14 2.94 -8.83	47.87 3.53 -9.05	61.41 4.37 -11.93	64.17 4.58 -10.40	56.28 4.63 -1.84	48.47 3.92 0.00	43.89 3.29 0.00	37.18 2.94 0.00	32.65 2.47 0.00
HUDSON___115KV_TB 4 355613	28.03 1.13 0.00	25.33 1.04 0.00	22.70 0.87 0.00	22.19 0.85 0.00	21.90 0.82 0.00	24.16 0.84 0.00	28.22 0.90 0.00	31.12 0.96 0.00	30.44 0.92 0.00	25.34 0.77 0.14	26.90 0.84 0.05	27.09 0.87 0.16	27.47 0.91 0.25	27.76 1.00 0.32	27.76 1.10 0.27	30.27 1.20 0.30	36.31 1.45 0.43	46.43 1.89 0.57	50.97 2.26 0.50	52.11 2.39 0.09	46.73 2.18 0.00	42.55 1.95 0.00	35.74 1.51 0.00	31.38 1.21 0.00
HUNTER MOUNT___DRP 323613	28.06 1.16 0.00	25.36 1.07 0.00	22.73 0.90 0.00	22.19 0.85 0.00	21.92 0.84 0.00	24.21 0.89 0.00	28.28 0.96 0.00	31.15 1.00 0.00	30.41 0.89 0.00	25.56 0.74 -0.10	26.97 0.81 -0.04	27.34 0.84 -0.12	27.88 0.88 -0.18	28.29 0.97 -0.24	28.25 1.13 -0.20	30.83 1.23 -0.22	37.09 1.48 -0.32	47.55 2.03 -0.42	52.07 2.51 -0.36	52.51 2.64 -0.06	46.87 2.32 0.00	42.67 2.07 0.00	35.84 1.61 0.00	31.44 1.27 0.00
HUNTINGTON_RES_REC 323705	32.04 2.42 -2.72	25.47 2.38 1.20	22.20 2.10 1.73	21.90 2.13 1.57	21.30 2.15 1.93	24.38 2.22 1.16	29.56 2.62 0.39	31.97 3.04 1.23	30.07 3.10 2.55	28.34 2.79 -0.83	38.27 3.00 -9.15	37.16 2.82 -7.95	39.26 2.84 -9.61	40.28 2.93 -10.28	41.15 2.88 -11.35	42.97 2.85 -10.76	54.77 3.53 -15.95	81.75 4.20 -32.45	68.70 4.43 -15.07	58.17 4.43 -3.94	51.37 4.10 -2.72	44.22 3.61 -0.01	40.40 3.36 -2.81	37.23 2.75 -4.31
HUNTLEY___63 23557	26.23 -0.67 0.00	23.29 -1.00 0.00	21.15 -0.68 0.00	20.57 -0.77 0.00	20.34 -0.74 0.00	22.64 -0.68 0.00	26.52 -0.79 0.01	28.76 -1.39 0.01	28.24 -1.27 0.01	23.48 -1.31 -0.07	22.28 -1.33 2.51	23.63 -1.45 1.30	22.65 -1.50 2.66	22.81 -1.46 2.81	22.66 -1.43 2.83	24.83 -1.50 3.04	29.88 -1.91 3.51	37.98 -2.80 4.33	41.98 -2.46 4.77	45.48 -2.54 1.79	42.54 -2.00 0.01	38.69 -1.91 0.01	33.23 -0.99 0.01	30.29 0.12 0.01
HUNTLEY___64 23558	26.23 -0.67 0.00	23.29 -1.00 0.00	21.15 -0.68 0.00	20.57 -0.77 0.00	20.34 -0.74 0.00	22.64 -0.68 0.00	26.52 -0.79 0.01	28.76 -1.39 0.01	28.24 -1.27 0.01	23.48 -1.31 -0.07	22.28 -1.33 2.51	23.63 -1.45 1.30	22.65 -1.50 2.66	22.81 -1.46 2.81	22.66 -1.43 2.83	24.83 -1.50 3.04	29.88 -1.91 3.51	37.98 -2.80 4.33	41.98 -2.46 4.77	45.48 -2.54 1.79	42.54 -2.00 0.01	38.69 -1.91 0.01	33.23 -0.99 0.01	30.29 0.12 0.01
HUNTLEY___65 23559	26.23 -0.67 0.00	23.29 -1.00 0.00	21.15 -0.68 0.00	20.57 -0.77 0.00	20.34 -0.74 0.00	22.64 -0.68 0.00	26.52 -0.79 0.01	28.76 -1.39 0.01	28.24 -1.27 0.01	23.48 -1.31 -0.07	22.28 -1.33 2.51	23.63 -1.45 1.30	22.65 -1.50 2.66	22.81 -1.46 2.81	22.66 -1.43 2.83	24.83 -1.50 3.04	29.88 -1.91 3.51	37.98 -2.80 4.33	41.98 -2.46 4.77	45.48 -2.54 1.79	42.54 -2.00 0.01	38.69 -1.91 0.01	33.23 -0.99 0.01	30.29 0.12 0.01
HUNTLEY___66 23560	26.23 -0.67 0.00	23.29 -1.00 0.00	21.15 -0.68 0.00	20.57 -0.77 0.00	20.34 -0.74 0.00	22.64 -0.68 0.00	26.52 -0.79 0.01	28.76 -1.39 0.01	28.24 -1.27 0.01	23.48 -1.31 -0.07	22.28 -1.33 2.51	23.63 -1.45 1.30	22.65 -1.50 2.66	22.81 -1.46 2.81	22.66 -1.43 2.83	24.83 -1.50 3.04	29.88 -1.91 3.51	37.98 -2.80 4.33	41.98 -2.46 4.77	45.48 -2.54 1.79	42.54 -2.00 0.01	38.69 -1.91 0.01	33.23 -0.99 0.01	30.29 0.12 0.01
HUNTLEY___67 23561	26.20 -0.70 0.00	23.25 -1.04 0.00	21.11 -0.72 0.00	20.53 -0.81 0.00	20.29 -0.78 0.00	22.62 -0.70 0.00	26.53 -0.79 0.00	28.76 -1.39 0.00	28.22 -1.30 0.00	23.49 -1.31 -0.08	22.44 -1.33 2.34	23.73 -1.45 1.20	22.81 -1.53 2.47	22.98 -1.49 2.61	22.81 -1.48 2.64	24.99 -1.56 2.83	30.05 -1.98 3.26	38.15 -2.93 4.02	42.16 -2.61 4.44	45.46 -2.69 1.66	42.46 -2.09 0.00	38.61 -1.99 0.00	33.17 -1.06 0.00	30.21 0.03 0.00
HUNTLEY___68 23562	26.20 -0.70 0.00	23.25 -1.04 0.00	21.11 -0.72 0.00	20.53 -0.81 0.00	20.29 -0.78 0.00	22.62 -0.70 0.00	26.53 -0.79 0.00	28.76 -1.39 0.00	28.22 -1.30 0.00	23.49 -1.31 -0.08	22.44 -1.33 2.34	23.73 -1.45 1.20	22.81 -1.53 2.47	22.98 -1.49 2.61	22.81 -1.48 2.64	24.99 -1.56 2.83	30.05 -1.98 3.26	38.15 -2.93 4.02	42.16 -2.61 4.44	45.46 -2.69 1.66	42.46 -2.09 0.00	38.61 -1.99 0.00	33.17 -1.06 0.00	30.21 0.03 0.00



HYLAND___LFGE 323620	27.52 0.62 0.00	24.70 0.41 0.00	22.31 0.48 0.00	21.62 0.28 0.00	21.47 0.40 0.00	23.81 0.49 0.00	27.87 0.55 0.00	30.21 0.06 0.00	29.08 -0.44 0.00	23.89 -0.91 -0.09	37.05 -0.97 -11.90	31.08 -1.87 -6.57	38.10 -1.90 -13.19	39.31 -1.90 -14.13	39.22 -1.78 -14.08	42.75 -1.76 -15.14	50.99 -2.05 -17.75	65.04 -2.07 -22.01	71.86 -1.18 -23.84	57.95 -0.45 -8.59	44.55 0.00 0.00	40.56 -0.04 0.00	35.40 1.16 0.00	31.71 1.54 0.00
INDECK___CORINTH 23802	28.84 1.94 0.00	26.01 1.72 0.00	23.27 1.44 0.00	22.72 1.39 0.00	22.44 1.37 0.00	24.88 1.56 0.00	29.12 1.80 0.00	32.05 1.90 0.00	31.38 1.86 0.00	25.80 1.43 0.35	27.53 1.54 0.13	27.59 1.61 0.40	27.61 1.42 0.61	27.83 1.54 0.79	27.84 1.59 0.67	30.35 1.73 0.75	35.35 1.13 1.07	45.05 1.35 1.40	49.99 2.02 1.23	51.73 2.14 0.22	46.96 2.40 0.00	42.71 2.11 0.00	35.94 1.71 0.00	31.50 1.33 0.00
INDECK___ILION 23567	27.14 0.24 0.00	24.51 0.22 0.00	22.03 0.20 0.00	21.53 0.19 0.00	21.26 0.19 0.00	23.53 0.21 0.00	27.57 0.25 0.00	30.45 0.30 0.00	29.82 0.30 0.00	24.91 0.20 0.00	26.30 0.18 0.00	26.54 0.16 0.00	26.92 0.11 0.00	27.19 0.11 0.00	27.06 0.13 0.00	29.52 0.15 0.00	35.50 0.21 0.00	45.42 0.32 0.00	49.64 0.44 0.00	50.31 0.50 0.00	44.95 0.40 0.00	40.89 0.28 0.00	34.44 0.21 0.00	30.27 0.09 0.00
INDECK___OLEAN 23982	26.60 -0.30 0.00	23.66 -0.63 0.00	21.46 -0.37 0.00	20.85 -0.49 0.00	20.67 -0.40 0.00	22.99 -0.33 0.00	26.99 -0.33 0.00	29.31 -0.84 0.00	28.87 -0.65 0.00	23.95 -0.87 -0.10	24.48 -1.67 -0.04	24.67 -1.82 -0.11	25.08 -1.90 -0.17	25.45 -1.84 -0.22	25.36 -1.75 -0.19	27.73 -1.85 -0.21	33.36 -2.22 -0.30	41.88 -3.61 -0.39	46.15 -3.39 -0.34	46.43 -3.44 -0.06	42.99 -1.56 0.00	39.10 -1.50 0.00	33.34 -0.89 0.00	30.60 0.42 0.00
INDECK___OSWEGO 23783	26.44 -0.46 0.00	23.85 -0.44 0.00	21.46 -0.37 0.00	20.93 -0.41 0.00	20.70 -0.38 0.00	22.88 -0.44 0.00	26.86 -0.46 0.00	29.52 -0.63 0.00	28.90 -0.62 0.00	24.12 -0.59 0.00	25.54 -0.57 0.00	25.83 -0.56 0.00	26.22 -0.59 0.00	26.37 -0.70 0.00	26.30 -0.62 0.00	28.69 -0.67 0.00	34.51 -0.78 0.00	44.11 -0.99 0.00	48.32 -0.88 0.00	48.96 -0.85 0.00	43.75 -0.80 0.00	39.87 -0.73 0.00	33.62 -0.62 0.00	29.66 -0.51 0.00
INDECK___YERKES 23781	26.23 -0.67 0.00	23.29 -1.00 0.00	21.18 -0.65 0.00	20.48 -0.85 0.00	20.36 -0.72 0.00	22.62 -0.70 0.00	26.41 -0.90 0.01	28.64 -1.51 0.01	28.33 -1.18 0.01	23.48 -1.31 -0.07	22.33 -1.28 2.51	23.63 -1.45 1.30	22.68 -1.47 2.66	22.84 -1.44 2.81	22.66 -1.43 2.83	24.86 -1.47 3.04	29.91 -1.87 3.51	37.98 -2.80 4.33	42.03 -2.41 4.77	45.48 -2.54 1.78	42.58 -1.96 0.01	38.73 -1.87 0.01	33.27 -0.96 0.01	30.32 0.15 0.01
INDIAN POINT_GT_1 24139	28.67 1.78 0.00	25.92 1.63 0.00	23.23 1.40 0.00	22.77 1.43 0.00	22.49 1.41 0.00	24.77 1.45 0.00	29.07 1.75 0.00	32.29 2.14 0.00	31.85 2.33 0.00	30.16 2.08 -3.37	30.57 2.22 -2.23	33.95 2.27 -5.30	35.66 2.33 -6.52	37.10 2.44 -7.59	36.88 2.48 -7.48	39.61 2.61 -7.63	47.60 3.14 -9.17	61.15 3.97 -12.08	63.91 4.18 -10.53	55.85 4.18 -1.86	48.16 3.61 0.00	43.65 3.05 0.00	36.90 2.67 0.00	32.38 2.20 0.00
INDIAN POINT_GT_2 23659	28.67 1.78 0.00	25.92 1.63 0.00	23.23 1.40 0.00	22.77 1.43 0.00	22.49 1.41 0.00	24.77 1.45 0.00	29.07 1.75 0.00	32.29 2.14 0.00	31.85 2.33 0.00	30.16 2.08 -3.37	30.57 2.22 -2.23	33.95 2.27 -5.30	35.66 2.33 -6.52	37.10 2.44 -7.59	36.88 2.48 -7.48	39.61 2.61 -7.63	47.60 3.14 -9.17	61.15 3.97 -12.08	63.91 4.18 -10.53	55.85 4.18 -1.86	48.16 3.61 0.00	43.65 3.05 0.00	36.90 2.67 0.00	32.38 2.20 0.00
INDIAN POINT_GT_3 24019	28.67 1.78 0.00	25.92 1.63 0.00	23.23 1.40 0.00	22.77 1.43 0.00	22.49 1.41 0.00	24.77 1.45 0.00	29.07 1.75 0.00	32.29 2.14 0.00	31.85 2.33 0.00	30.16 2.08 -3.37	30.57 2.22 -2.23	33.95 2.27 -5.30	35.66 2.33 -6.52	37.10 2.44 -7.59	36.88 2.48 -7.48	39.61 2.61 -7.63	47.60 3.14 -9.17	61.15 3.97 -12.08	63.91 4.18 -10.53	55.85 4.18 -1.86	48.16 3.61 0.00	43.65 3.05 0.00	36.90 2.67 0.00	32.38 2.20 0.00
INDIAN POINT___2 23530	28.67 1.77 0.00	25.92 1.63 0.00	23.21 1.38 0.00	22.75 1.41 0.00	22.46 1.39 0.00	24.74 1.42 0.00	29.07 1.75 0.00	32.23 2.08 0.00	31.70 2.18 0.00	29.87 2.00 -3.15	30.36 2.14 -2.10	33.54 2.19 -4.97	35.16 2.25 -6.10	36.55 2.38 -7.09	36.35 2.42 -7.01	39.06 2.55 -7.14	46.91 3.07 -8.55	60.25 3.88 -11.27	63.10 4.08 -9.82	55.63 4.09 -1.74	48.03 3.48 0.00	43.57 2.96 0.00	36.83 2.60 0.00	32.38 2.20 0.00
INDIAN POINT___3 23531	28.67 1.78 0.00	25.92 1.63 0.00	23.21 1.38 0.00	22.75 1.41 0.00	22.46 1.39 0.00	24.74 1.42 0.00	29.04 1.72 0.00	32.26 2.11 0.00	31.82 2.30 0.00	30.16 2.05 -3.39	30.53 2.22 -2.19	33.90 2.27 -5.25	35.63 2.31 -6.52	37.08 2.38 -7.62	36.81 2.42 -7.46	39.57 2.56 -7.65	47.62 3.07 -9.26	61.14 3.83 -12.20	63.87 4.03 -10.63	55.72 4.03 -1.88	48.03 3.47 0.00	43.57 2.96 0.00	36.83 2.60 0.00	32.35 2.17 0.00
INGHAM_C_115KV_TB7 356103	27.17 0.27 0.00	24.53 0.24 0.00	22.03 0.20 0.00	21.57 0.23 0.00	21.31 0.23 0.00	23.60 0.28 0.00	27.62 0.30 0.00	30.51 0.36 0.00	29.87 0.35 0.00	24.94 0.22 0.00	26.30 0.18 0.00	26.51 0.13 0.00	26.84 0.03 0.00	27.08 0.00 0.00	26.95 0.03 0.00	29.40 0.03 0.00	35.43 0.14 0.00	45.37 0.27 0.00	49.64 0.44 0.00	50.26 0.45 0.00	44.91 0.36 0.00	40.81 0.20 0.00	34.34 0.10 0.00	30.15 -0.03 0.00
IP CORINTH___1 23988	28.84 1.94 0.00	26.01 1.72 0.00	23.27 1.44 0.00	22.70 1.37 0.00	22.44 1.37 0.00	24.86 1.54 0.00	29.12 1.80 0.00	32.11 1.96 0.00	31.44 1.92 0.00	25.85 1.48 0.35	27.58 1.59 0.13	27.64 1.66 0.40	27.64 1.45 0.61	27.83 1.54 0.79	27.84 1.59 0.67	30.35 1.73 0.75	35.50 1.27 1.07	45.28 1.58 1.40	50.29 2.31 1.23	51.98 2.39 0.22	47.22 2.67 0.00	42.92 2.31 0.00	36.12 1.88 0.00	31.66 1.48 0.00
IP___TICONDEROGA 23804	30.18 3.28 0.00	27.11 2.82 0.00	24.17 2.34 0.00	23.56 2.22 0.00	23.29 2.21 0.00	25.96 2.64 0.00	30.63 3.31 0.00	33.68 3.53 0.00	32.91 3.39 0.00	26.91 2.55 0.35	28.68 2.69 0.13	28.80 2.82 0.40	28.85 2.65 0.61	29.10 2.82 0.79	29.16 2.91 0.67	31.88 3.26 0.75	37.47 3.25 1.07	47.94 4.24 1.40	53.48 5.51 1.23	55.32 5.73 0.22	50.52 5.97 0.00	45.76 5.16 0.00	38.31 4.07 0.00	33.41 3.23 0.00
ISLIP_RES_REC 323679	32.44 2.82 -2.72	28.68 2.60 -1.79	26.67 2.27 -2.57	25.98 2.31 -2.33	26.23 2.30 -2.86	27.45 2.40 -1.73	30.78 2.87 -0.59	37.81 3.32 -4.34	36.84 3.33 -3.99	38.20 2.99 -10.49	38.69 3.16 -9.42	37.56 3.22 -7.96	39.56 3.14 -9.62	40.64 3.28 -10.28	41.50 3.23 -11.35	43.48 3.35 -10.76	55.02 3.88 -15.85	82.53 4.96 -32.46	69.62 5.27 -15.15	59.15 5.33 -4.01	51.98 4.81 -2.62	44.79 4.18 -0.01	40.93 3.77 -2.93	37.56 3.08 -4.31

JAMAICA__27_KV_LOAD 355505	28.75 1.86 0.00	25.97 1.68 0.00	23.23 1.40 0.00	22.77 1.43 0.00	22.51 1.43 0.00	24.79 1.47 0.00	29.23 1.91 0.00	32.59 2.44 0.00	32.27 2.75 0.00	31.01 2.57 -3.72	32.23 2.72 -3.40	36.39 2.72 -7.30	37.41 2.79 -7.82	38.36 2.90 -8.39	39.17 2.93 -9.31	41.31 3.11 -8.83	48.01 3.67 -9.05	61.63 4.60 -11.93	64.42 4.82 -10.40	56.53 4.88 -1.84	48.69 4.14 0.00	44.01 3.41 0.00	37.21 2.98 0.00	32.68 2.50 0.00
JANIS__SOLAR 323808	28.00 1.10 0.00	25.24 0.95 0.00	22.64 0.81 0.00	22.08 0.75 0.00	21.87 0.80 0.00	24.28 0.96 0.00	28.50 1.17 0.00	31.30 1.15 0.00	30.40 0.88 0.00	25.16 0.30 -0.15	27.25 0.21 -0.92	27.18 0.16 -0.64	28.15 0.13 -1.21	28.51 0.08 -1.35	28.46 0.24 -1.30	31.19 0.41 -1.41	37.87 0.85 -1.73	48.72 1.44 -2.18	53.80 2.36 -2.24	53.16 2.64 -0.71	47.04 2.49 0.00	42.71 2.11 0.00	35.84 1.61 0.00	31.63 1.45 0.00
JARVIS____ 23743	27.06 0.16 0.00	24.46 0.17 0.00	21.96 0.13 0.00	21.49 0.15 0.00	21.22 0.15 0.00	23.46 0.14 0.00	27.46 0.14 0.00	30.30 0.15 0.00	29.70 0.18 0.00	24.84 0.12 0.00	26.28 0.16 0.00	26.54 0.16 0.00	26.97 0.16 0.00	27.24 0.16 0.00	27.08 0.16 0.00	29.55 0.18 0.00	35.50 0.21 0.00	45.37 0.27 0.00	49.50 0.30 0.00	50.11 0.30 0.00	44.82 0.27 0.00	40.85 0.25 0.00	34.44 0.21 0.00	30.33 0.15 0.00
JENNISON____1 23625	28.16 1.26 0.00	25.41 1.12 0.00	22.77 0.94 0.00	22.26 0.92 0.00	22.02 0.95 0.00	24.42 1.10 0.00	28.63 1.31 0.00	31.54 1.39 0.00	30.76 1.24 0.00	25.60 0.69 -0.19	26.84 0.65 -0.07	27.20 0.61 -0.22	27.73 0.59 -0.33	28.10 0.60 -0.43	27.98 0.70 -0.36	30.66 0.88 -0.41	37.24 1.38 -0.58	47.76 1.89 -0.76	52.51 2.66 -0.66	52.76 2.84 -0.12	47.18 2.63 0.00	42.84 2.23 0.00	35.98 1.75 0.00	31.78 1.60 0.00
JENNISON____2 23626	28.16 1.26 0.00	25.41 1.12 0.00	22.77 0.94 0.00	22.26 0.92 0.00	22.02 0.95 0.00	24.42 1.10 0.00	28.63 1.31 0.00	31.54 1.39 0.00	30.76 1.24 0.00	25.60 0.69 -0.19	26.84 0.65 -0.07	27.20 0.61 -0.22	27.73 0.59 -0.33	28.10 0.60 -0.43	27.98 0.70 -0.36	30.66 0.88 -0.41	37.24 1.38 -0.58	47.76 1.89 -0.76	52.51 2.66 -0.66	52.76 2.84 -0.12	47.18 2.63 0.00	42.84 2.23 0.00	35.98 1.75 0.00	31.78 1.60 0.00
JERICOHO_RISE_WT_PWR 323719	25.82 -1.08 0.00	23.42 -0.87 0.00	21.07 -0.76 0.00	20.65 -0.68 0.00	20.36 -0.72 0.00	22.62 -0.70 0.00	26.53 -0.79 0.00	29.43 -0.72 0.00	28.64 -0.88 0.00	23.92 -0.79 0.00	25.15 -0.97 0.00	25.38 -1.00 0.00	25.79 -1.02 0.00	26.02 -1.06 0.00	25.76 -1.16 0.00	28.08 -1.29 0.00	33.67 -1.62 0.00	43.21 -1.89 0.00	47.04 -2.16 0.00	47.52 -2.29 0.00	42.46 -2.09 0.00	38.65 -1.95 0.00	32.52 -1.71 0.00	28.58 -1.60 0.00
KATONAH__115KV_46KV_TB4 355592	28.78 1.88 0.00	26.01 1.72 0.00	23.29 1.46 0.00	22.85 1.52 0.00	22.57 1.50 0.00	24.86 1.54 0.00	29.15 1.83 0.00	32.38 2.23 0.00	31.91 2.39 0.00	29.95 2.13 -3.11	29.81 2.27 -1.41	32.62 2.35 -3.89	34.83 2.44 -5.58	36.61 2.55 -6.99	35.71 2.61 -6.18	38.89 2.76 -6.76	47.89 3.42 -9.18	61.57 4.37 -12.10	64.42 4.67 -10.54	56.25 4.58 -1.86	48.56 4.01 0.00	43.93 3.33 0.00	37.07 2.84 0.00	32.50 2.32 0.00
KCE_NY_1 323755	28.54 1.64 0.00	25.77 1.48 0.00	23.10 1.27 0.00	22.55 1.22 0.00	22.27 1.20 0.00	24.63 1.31 0.00	28.77 1.45 0.00	31.66 1.51 0.00	31.00 1.48 0.00	25.50 1.16 0.38	27.18 1.25 0.19	27.17 1.29 0.50	27.38 1.26 0.69	27.61 1.38 0.84	27.60 1.45 0.77	30.13 1.58 0.82	35.90 1.69 1.08	45.84 2.16 1.43	50.51 2.56 1.24	52.23 2.64 0.22	47.27 2.72 0.00	43.00 2.39 0.00	36.18 1.95 0.00	31.81 1.63 0.00
KCE_NY_6_ESR 323823	26.42 -0.48 0.00	23.44 -0.85 0.00	21.31 -0.52 0.00	20.63 -0.70 0.00	20.48 -0.59 0.00	22.78 -0.54 0.00	26.67 -0.66 0.00	28.91 -1.24 0.00	28.60 -0.92 0.00	23.71 -1.09 -0.08	22.91 -1.25 1.96	23.97 -1.42 0.99	23.30 -1.47 2.04	23.50 -1.44 2.15	23.34 -1.40 2.18	25.57 -1.47 2.33	30.77 -1.84 2.68	39.05 -2.75 3.30	43.18 -2.36 3.66	45.94 -2.49 1.38	42.95 -1.60 0.00	39.06 -1.54 0.00	33.51 -0.72 0.00	30.54 0.36 0.00
KEDC_PORT_JEFF_GT2 24210	32.26 2.66 -2.70	28.93 2.45 -2.18	27.12 2.16 -3.13	26.38 2.20 -2.84	26.76 2.19 -3.49	27.71 2.29 -2.11	30.74 2.71 -0.71	38.32 3.11 -5.06	37.53 3.16 -4.85	39.30 2.84 -11.74	38.47 2.98 -9.38	37.26 2.98 -7.90	39.30 2.92 -9.57	40.36 3.03 -10.25	41.22 3.01 -11.29	43.14 3.05 -10.71	54.67 3.56 -15.81	81.71 4.29 -32.32	68.54 4.52 -14.81	58.26 4.58 -3.87	51.53 4.37 -2.61	44.43 3.82 -0.01	40.47 3.53 -2.71	37.32 2.87 -4.28
KEDC_PORT_JEFF_GT3 24211	32.26 2.66 -2.70	28.93 2.45 -2.18	27.12 2.16 -3.13	26.38 2.20 -2.84	26.76 2.19 -3.49	27.71 2.29 -2.11	30.74 2.71 -0.71	38.32 3.11 -5.06	37.53 3.16 -4.85	39.30 2.84 -11.74	38.47 2.98 -9.38	37.26 2.98 -7.90	39.30 2.92 -9.57	40.36 3.03 -10.25	41.22 3.01 -11.29	43.14 3.05 -10.71	54.67 3.56 -15.81	81.71 4.29 -32.32	68.54 4.52 -14.81	58.26 4.58 -3.87	51.53 4.37 -2.61	44.43 3.82 -0.01	40.47 3.53 -2.71	37.32 2.87 -4.28
KEDC_GLWD_GT4 24219	33.76 2.21 -4.66	26.35 2.01 -0.04	23.64 1.75 -0.06	23.18 1.79 -0.05	22.93 1.79 -0.06	25.21 1.84 -0.04	29.56 2.21 -0.02	34.58 2.62 -1.80	32.45 2.71 -0.22	33.75 2.47 -6.57	45.23 2.56 -16.55	42.74 2.59 -13.77	43.84 2.55 -14.48	43.71 2.68 -13.96	47.40 2.69 -17.79	47.66 2.79 -15.50	59.24 3.35 -20.60	96.44 4.20 -47.14	86.40 4.38 -32.82	65.35 4.43 -11.11	52.75 3.83 -4.37	43.87 3.25 -0.02	51.31 2.98 -14.10	40.24 2.68 -7.38
KEDC_GLWD_GT5 24220	33.76 2.21 -4.66	26.35 2.01 -0.04	23.64 1.75 -0.06	23.18 1.79 -0.05	22.93 1.79 -0.06	25.21 1.84 -0.04	29.56 2.21 -0.02	34.58 2.62 -1.80	32.45 2.71 -0.22	33.75 2.47 -6.57	45.23 2.56 -16.55	42.74 2.59 -13.77	43.84 2.55 -14.48	43.71 2.68 -13.96	47.40 2.69 -17.79	47.66 2.79 -15.50	59.24 3.35 -20.60	96.44 4.20 -47.14	86.40 4.38 -32.82	65.35 4.43 -11.11	52.75 3.83 -4.37	43.87 3.25 -0.02	51.31 2.98 -14.10	40.24 2.68 -7.38
KENSICO____ 23655	28.75 1.86 0.00	25.99 1.70 0.00	23.29 1.46 0.00	22.81 1.47 0.00	22.53 1.45 0.00	24.81 1.49 0.00	29.15 1.83 0.00	32.38 2.23 0.00	31.94 2.42 0.00	30.36 2.17 -3.47	30.92 2.35 -2.45	34.48 2.40 -5.70	36.06 2.44 -6.81	37.43 2.55 -7.81	37.38 2.58 -7.87	39.99 2.70 -7.92	47.82 3.28 -9.24	61.39 4.10 -12.19	64.15 4.33 -10.62	56.02 4.33 -1.88	48.25 3.70 0.00	43.77 3.17 0.00	37.01 2.77 0.00	32.50 2.32 0.00
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	28.75 1.86 0.00	25.99 1.70 0.00	23.25 1.42 0.00	22.77 1.43 0.00	22.49 1.41 0.00	24.81 1.49 0.00	29.15 1.83 0.00	32.35 2.20 0.00	31.82 2.30 0.00	28.18 1.93 -1.53	28.83 2.06 -0.64	30.33 2.11 -1.84	31.72 2.20 -2.72	32.83 2.30 -3.45	32.33 2.42 -2.99	35.29 2.61 -3.31	43.16 3.28 -4.59	55.43 4.28 -6.05	59.29 4.82 -5.27	55.57 4.83 -0.93	48.65 4.10 0.00	44.09 3.49 0.00	37.14 2.91 0.00	32.56 2.38 0.00

KIAC_JFK_GT1 23816	28.59 1.69 0.00	25.82 1.53 0.00	23.12 1.29 0.00	22.66 1.32 0.00	22.38 1.31 0.00	24.67 1.35 0.00	29.07 1.75 0.00	32.44 2.29 0.00	32.09 2.57 0.00	30.86 2.42 -3.72	32.05 2.53 -3.40	36.13 2.45 -7.30	37.15 2.52 -7.82	38.09 2.63 -8.39	38.90 2.67 -9.31	41.02 2.82 -8.83	47.66 3.32 -9.05	61.18 4.15 -11.93	63.93 4.33 -10.40	55.98 4.33 -1.84	48.25 3.70 0.00	43.61 3.00 0.00	36.87 2.64 0.00	32.50 2.32 0.00
KIAC_JFK_GT2 23817	28.59 1.69 0.00	25.82 1.53 0.00	23.12 1.29 0.00	22.66 1.32 0.00	22.38 1.31 0.00	24.67 1.35 0.00	29.07 1.75 0.00	32.44 2.29 0.00	32.09 2.57 0.00	30.86 2.42 -3.72	32.05 2.53 -3.40	36.13 2.45 -7.30	37.15 2.52 -7.82	38.09 2.63 -8.39	38.90 2.67 -9.31	41.02 2.82 -8.83	47.66 3.32 -9.05	61.18 4.15 -11.93	63.93 4.33 -10.40	55.98 4.33 -1.84	48.25 3.70 0.00	43.61 3.00 0.00	36.87 2.64 0.00	32.50 2.32 0.00
KIAC_JFK____ 323774	28.59 1.70 0.00	25.82 1.53 0.00	23.12 1.29 0.00	22.68 1.35 0.00	22.38 1.31 0.00	24.67 1.35 0.00	29.10 1.77 0.00	32.41 2.26 0.00	31.94 2.42 0.00	30.76 2.32 -3.72	31.84 2.32 -3.40	36.08 2.40 -7.30	37.09 2.46 -7.82	38.09 2.63 -8.39	38.90 2.67 -9.31	41.02 2.82 -8.83	47.66 3.32 -9.05	61.18 4.15 -11.93	63.93 4.33 -10.40	55.98 4.33 -1.84	48.25 3.70 0.00	43.57 2.96 0.00	36.87 2.64 0.00	32.53 2.36 0.00
KINTIGH__24_KV_GSU 356498	26.20 -0.70 0.00	23.34 -0.95 0.00	21.15 -0.68 0.00	20.48 -0.85 0.00	20.34 -0.74 0.00	22.57 -0.75 0.00	26.42 -0.90 0.00	28.77 -1.39 0.00	28.37 -1.15 0.00	23.57 -1.21 -0.07	23.33 -0.94 1.85	24.35 -1.08 0.95	23.76 -1.10 1.95	23.94 -1.08 2.05	23.77 -1.08 2.08	26.03 -1.12 2.23	31.24 -1.48 2.57	39.73 -2.21 3.16	43.84 -1.87 3.49	46.60 -1.89 1.31	42.68 -1.87 0.00	38.82 -1.79 0.00	33.21 -1.03 0.00	30.12 -0.06 0.00
KINTIGH____ 23543	26.20 -0.70 0.00	23.34 -0.95 0.00	21.15 -0.68 0.00	20.55 -0.79 0.00	20.34 -0.74 0.00	22.62 -0.70 0.00	26.53 -0.79 0.00	28.86 -1.30 0.00	28.28 -1.24 0.00	23.57 -1.21 -0.07	23.30 -0.97 1.85	24.38 -1.06 0.95	23.74 -1.13 1.95	23.94 -1.08 2.05	23.77 -1.08 2.08	26.03 -1.12 2.23	31.24 -1.48 2.57	39.77 -2.16 3.16	43.84 -1.87 3.49	46.60 -1.89 1.31	42.68 -1.87 0.00	38.78 -1.83 0.00	33.21 -1.03 0.00	30.12 -0.06 0.00
KNTFSRNC_46_KV_46KV_LOAD 80397	26.12 -0.78 0.00	23.76 -0.53 0.00	21.37 -0.46 0.00	20.93 -0.41 0.00	20.65 -0.42 0.00	22.95 -0.37 0.00	26.91 -0.41 0.00	29.91 -0.24 0.00	29.05 -0.47 0.00	24.25 -0.47 0.00	25.47 -0.65 0.00	25.67 -0.71 0.00	26.14 -0.67 0.00	26.40 -0.68 0.00	26.14 -0.78 0.00	28.43 -0.94 0.00	34.16 -1.13 0.00	43.97 -1.13 0.00	47.87 -1.33 0.00	48.36 -1.44 0.00	43.13 -1.43 0.00	39.26 -1.34 0.00	33.04 -1.20 0.00	28.97 -1.21 0.00
LACHUTE____HYDRO 323717	30.18 3.28 0.00	27.11 2.82 0.00	24.17 2.34 0.00	23.56 2.22 0.00	23.29 2.21 0.00	25.95 2.63 0.00	30.63 3.30 0.00	33.53 3.38 0.00	32.88 3.36 0.00	26.83 2.47 0.35	28.62 2.64 0.13	28.78 2.80 0.40	28.79 2.60 0.61	29.10 2.82 0.79	29.16 2.91 0.67	31.88 3.26 0.75	37.47 3.24 1.07	47.94 4.24 1.40	53.48 5.51 1.23	55.32 5.73 0.22	50.52 5.97 0.00	45.76 5.16 0.00	38.31 4.07 0.00	33.44 3.26 0.00
LAWRNCV_115KV_TB1 80681	26.07 -0.83 0.00	23.63 -0.66 0.00	21.20 -0.63 0.00	20.78 -0.55 0.00	20.46 -0.61 0.00	22.78 -0.54 0.00	26.72 -0.60 0.00	29.67 -0.48 0.00	28.75 -0.77 0.00	23.97 -0.74 0.00	25.18 -0.94 0.00	25.40 -0.98 0.00	25.84 -0.97 0.00	26.10 -0.97 0.00	25.87 -1.05 0.00	28.16 -1.20 0.00	33.56 -1.73 0.00	43.03 -2.07 0.00	46.84 -2.36 0.00	47.52 -2.29 0.00	42.59 -1.96 0.00	39.14 -1.46 0.00	33.31 -0.92 0.00	29.21 -0.97 0.00
LEDERLE____ 23769	28.75 1.86 0.00	25.99 1.70 0.00	23.27 1.44 0.00	22.79 1.45 0.00	22.53 1.45 0.00	24.81 1.49 0.00	29.15 1.83 0.00	32.38 2.23 0.00	31.91 2.39 0.00	29.86 2.13 -3.02	30.26 2.27 -1.87	33.27 2.35 -4.54	34.97 2.41 -5.75	36.36 2.49 -6.79	36.00 2.53 -6.55	38.82 2.67 -6.77	46.85 3.21 -8.35	60.17 4.06 -11.01	63.12 4.33 -9.59	55.84 4.33 -1.70	48.25 3.70 0.00	43.77 3.17 0.00	36.97 2.74 0.00	32.47 2.29 0.00
LIGHTHSE_115KV_TB6 355974	26.90 0.00 0.00	24.27 -0.02 0.00	21.77 -0.07 0.00	21.27 -0.06 0.00	21.03 -0.04 0.00	23.27 -0.05 0.00	27.29 -0.03 0.00	30.00 -0.15 0.00	29.28 -0.24 0.00	24.34 -0.37 0.00	25.73 -0.39 0.00	26.06 -0.32 0.00	26.46 -0.35 0.00	26.67 -0.41 0.00	26.60 -0.32 0.00	29.02 -0.35 0.00	35.01 -0.28 0.00	44.88 -0.23 0.00	49.30 0.10 0.00	50.11 0.30 0.00	44.82 0.27 0.00	40.89 0.28 0.00	34.40 0.17 0.00	30.33 0.15 0.00
LINDEN COGEN____ 23786	28.78 1.88 0.00	25.99 1.70 0.00	23.27 1.44 0.00	22.83 1.49 0.00	22.55 1.47 0.00	24.83 1.51 0.00	29.23 1.91 0.00	32.47 2.32 0.00	32.00 2.48 0.00	30.76 2.32 -3.72	32.00 2.48 -3.40	36.21 2.53 -7.30	37.20 2.57 -7.82	38.17 2.71 -8.39	38.95 2.72 -9.31	41.05 2.85 -8.83	47.76 3.42 -9.05	61.27 4.24 -11.93	63.97 4.38 -10.40	56.08 4.43 -1.84	48.25 3.70 0.00	43.73 3.13 0.00	37.11 2.88 0.00	32.62 2.44 0.00
LINDHRST_69_KV_BK1 356055	32.58 2.66 -3.02	26.90 2.40 -0.21	24.23 2.10 -0.30	23.72 2.11 -0.27	23.53 2.13 -0.33	25.72 2.19 -0.20	30.02 2.62 -0.07	34.76 3.11 -1.51	33.31 3.25 -0.54	33.21 2.84 -5.65	39.55 3.03 -10.40	38.32 3.09 -8.85	40.28 3.11 -10.36	41.09 3.17 -10.85	42.38 3.12 -12.34	44.03 3.17 -11.49	55.48 3.67 -16.52	84.42 4.60 -34.71	73.84 4.92 -19.72	60.72 5.08 -5.84	51.97 4.59 -2.83	44.67 4.06 -0.01	43.70 3.73 -5.73	38.00 3.05 -4.78
LIPA_MISC_IPP 23656	32.12 2.53 -2.69	28.54 2.40 -1.85	26.59 2.12 -2.65	25.92 2.18 -2.40	26.21 2.19 -2.95	27.34 2.24 -1.78	30.55 2.62 -0.60	37.66 3.08 -4.43	36.81 3.19 -4.11	38.15 2.79 -10.64	38.36 2.93 -9.31	37.15 2.90 -7.87	39.11 2.76 -9.54	40.18 2.87 -10.23	40.92 2.75 -11.26	42.85 2.79 -10.69	54.24 3.18 -15.78	81.45 4.10 -32.24	68.18 4.33 -14.65	58.10 4.48 -3.81	51.15 4.01 -2.59	44.14 3.53 -0.01	40.06 3.22 -2.61	37.03 2.60 -4.26
LISF____SOLAR 323691	32.20 2.61 -2.69	28.61 2.45 -1.87	26.68 2.16 -2.68	25.99 2.22 -2.44	26.30 2.23 -2.99	27.44 2.31 -1.81	30.64 2.71 -0.61	37.74 3.11 -4.48	36.78 3.10 -4.16	38.24 2.79 -10.73	38.32 2.87 -9.33	37.11 2.85 -7.88	39.07 2.71 -9.55	40.15 2.84 -10.23	40.96 2.77 -11.27	42.89 2.82 -10.70	54.36 3.28 -15.79	81.66 4.29 -32.27	68.44 4.52 -14.71	58.28 4.63 -3.83	51.24 4.10 -2.60	44.22 3.61 -0.01	40.17 3.29 -2.65	37.10 2.66 -4.27
LITTLE FALLS____HYD 24013	27.17 0.27 0.00	24.53 0.24 0.00	22.03 0.20 0.00	21.57 0.23 0.00	21.31 0.23 0.00	23.60 0.28 0.00	27.62 0.30 0.00	30.51 0.36 0.00	29.87 0.35 0.00	24.94 0.22 0.00	26.30 0.18 0.00	26.51 0.13 0.00	26.84 0.03 0.00	27.08 0.00 0.00	26.95 0.03 0.00	29.40 0.03 0.00	35.43 0.14 0.00	45.37 0.27 0.00	49.64 0.44 0.00	50.26 0.45 0.00	44.91 0.36 0.00	40.81 0.20 0.00	34.34 0.10 0.00	30.15 -0.03 0.00

LITTLRIV_115KV_TB1 356100	26.33 -0.56 0.00	23.90 -0.39 0.00	21.42 -0.41 0.00	21.00 -0.34 0.00	20.67 -0.40 0.00	23.06 -0.26 0.00	27.05 -0.27 0.00	30.03 -0.12 0.00	29.02 -0.50 0.00	24.12 -0.59 0.00	25.31 -0.81 0.00	25.54 -0.84 0.00	25.98 -0.83 0.00	26.21 -0.87 0.00	26.01 -0.92 0.00	28.31 -1.06 0.00	33.84 -1.45 0.00	43.48 -1.62 0.00	47.48 -1.72 0.00	48.26 -1.54 0.00	43.35 -1.20 0.00	39.79 -0.81 0.00	33.75 -0.48 0.00	29.60 -0.57 0.00
LI_NEWBRDGE___DRP 323616	31.50 2.10 -2.50	26.24 1.94 -0.01	23.54 1.70 -0.01	23.12 1.77 -0.01	22.87 1.79 -0.01	25.12 1.80 -0.01	29.46 2.13 -0.01	33.62 2.53 -0.94	32.32 2.72 -0.08	31.65 2.40 -4.54	37.11 2.53 -8.46	36.25 2.56 -7.31	38.46 2.57 -9.08	39.55 2.60 -9.88	40.12 2.56 -10.64	42.19 2.58 -10.23	53.57 3.04 -15.24	79.68 3.74 -30.83	64.53 3.94 -11.40	56.40 4.03 -2.56	50.46 3.56 -2.35	43.70 3.09 -0.01	37.76 2.98 -0.54	36.56 2.41 -3.97
LOCKPORT_115KV_TB60_63_64 80432	26.12 -0.78 0.00	23.22 -1.07 0.00	21.09 -0.74 0.00	20.48 -0.85 0.00	20.27 -0.80 0.00	22.57 -0.75 0.00	26.42 -0.90 0.00	28.65 -1.51 0.00	28.07 -1.45 0.00	23.36 -1.43 -0.08	21.96 -1.38 2.77	23.44 -1.50 1.44	22.28 -1.58 2.95	22.44 -1.52 3.12	22.27 -1.51 3.15	24.41 -1.59 3.37	29.37 -2.01 3.90	37.35 -2.93 4.82	41.34 -2.56 5.30	45.05 -2.79 1.97	42.24 -2.32 0.00	38.37 -2.23 0.00	33.00 -1.23 0.00	30.09 -0.09 0.00
LOCKPORT___CC1 323769	26.12 -0.78 0.00	23.22 -1.07 0.00	21.09 -0.74 0.00	20.40 -0.94 0.00	20.25 -0.82 0.00	22.53 -0.79 0.00	26.28 -1.04 0.00	28.49 -1.66 0.00	28.13 -1.39 0.00	23.31 -1.48 -0.08	21.40 -1.39 3.34	23.07 -1.56 1.75	21.66 -1.58 3.57	21.75 -1.54 3.78	21.58 -1.53 3.81	23.67 -1.62 4.09	28.47 -2.08 4.74	36.27 -2.98 5.85	40.17 -2.61 6.42	44.60 -2.84 2.38	42.19 -2.36 0.00	38.37 -2.23 0.00	32.97 -1.27 0.00	30.06 -0.12 0.00
LOCKPORT___CC2 323770	26.12 -0.78 0.00	23.22 -1.07 0.00	21.09 -0.74 0.00	20.40 -0.94 0.00	20.25 -0.82 0.00	22.53 -0.79 0.00	26.28 -1.04 0.00	28.49 -1.66 0.00	28.13 -1.39 0.00	23.31 -1.48 -0.08	21.40 -1.39 3.34	23.07 -1.56 1.75	21.66 -1.58 3.57	21.75 -1.54 3.78	21.58 -1.53 3.81	23.67 -1.62 4.09	28.47 -2.08 4.74	36.27 -2.98 5.85	40.17 -2.61 6.42	44.60 -2.84 2.38	42.19 -2.36 0.00	38.37 -2.23 0.00	32.97 -1.27 0.00	30.06 -0.12 0.00
LOCKPORT___CC3 323771	26.12 -0.78 0.00	23.22 -1.07 0.00	21.09 -0.74 0.00	20.40 -0.94 0.00	20.25 -0.82 0.00	22.53 -0.79 0.00	26.28 -1.04 0.00	28.49 -1.66 0.00	28.13 -1.39 0.00	23.31 -1.48 -0.08	21.40 -1.39 3.34	23.07 -1.56 1.75	21.66 -1.58 3.57	21.75 -1.54 3.78	21.58 -1.53 3.81	23.67 -1.62 4.09	28.47 -2.08 4.74	36.27 -2.98 5.85	40.17 -2.61 6.42	44.60 -2.84 2.38	42.19 -2.36 0.00	38.37 -2.23 0.00	32.97 -1.27 0.00	30.06 -0.12 0.00
LOCUSVLY_69_KV_BK2 55797	33.37 2.34 -4.13	26.57 2.21 -0.07	23.85 1.92 -0.10	23.39 1.96 -0.09	23.14 1.96 -0.11	25.40 2.01 -0.07	29.76 2.40 -0.03	34.68 2.86 -1.66	32.83 3.04 -0.27	33.60 2.69 -6.19	43.54 2.85 -14.57	41.40 2.82 -12.19	42.84 2.87 -13.16	42.99 2.95 -12.96	45.90 2.93 -16.04	46.57 3.00 -14.21	58.25 3.67 -19.29	92.72 4.47 -43.15	82.32 4.72 -28.40	63.87 4.73 -9.33	52.57 4.14 -3.87	44.23 3.61 -0.01	48.86 3.29 -11.34	39.50 2.78 -6.55
LONG_LAKE_PHOENIX 24014	26.50 -0.40 0.00	23.90 -0.39 0.00	21.48 -0.35 0.00	20.95 -0.38 0.00	20.74 -0.34 0.00	22.92 -0.40 0.00	26.91 -0.41 0.00	29.58 -0.57 0.00	28.90 -0.62 0.00	24.15 -0.57 0.00	25.57 -0.55 0.00	25.83 -0.55 0.00	26.22 -0.59 0.00	26.45 -0.62 0.00	26.38 -0.54 0.00	28.81 -0.56 0.00	34.66 -0.64 0.00	44.34 -0.77 0.00	48.51 -0.69 0.00	49.16 -0.65 0.00	43.97 -0.58 0.00	40.03 -0.57 0.00	33.72 -0.51 0.00	29.75 -0.42 0.00
LOVETT___3 23632	28.65 1.75 0.00	25.89 1.60 0.00	23.21 1.38 0.00	22.73 1.39 0.00	22.44 1.37 0.00	24.74 1.42 0.00	29.04 1.72 0.00	32.26 2.11 0.00	31.79 2.27 0.00	29.88 2.05 -3.12	30.27 2.19 -1.95	33.35 2.24 -4.73	35.06 2.31 -5.95	36.44 2.36 -7.01	36.11 2.40 -6.79	38.90 2.53 -7.00	46.88 3.00 -8.58	60.21 3.79 -11.32	63.05 3.99 -9.86	55.54 3.98 -1.74	47.94 3.39 0.00	43.49 2.88 0.00	36.80 2.57 0.00	32.32 2.14 0.00
LOVETT___4 23642	28.65 1.75 0.00	25.89 1.60 0.00	23.21 1.38 0.00	22.73 1.39 0.00	22.44 1.37 0.00	24.74 1.42 0.00	29.04 1.72 0.00	32.26 2.11 0.00	31.79 2.27 0.00	29.88 2.05 -3.12	30.27 2.19 -1.95	33.35 2.24 -4.73	35.06 2.31 -5.95	36.44 2.36 -7.01	36.11 2.40 -6.79	38.90 2.53 -7.00	46.88 3.00 -8.58	60.21 3.79 -11.32	63.05 3.99 -9.86	55.54 3.98 -1.74	47.94 3.39 0.00	43.49 2.88 0.00	36.80 2.57 0.00	32.32 2.14 0.00
LOVETT___5 23593	28.65 1.75 0.00	25.89 1.60 0.00	23.21 1.38 0.00	22.73 1.39 0.00	22.44 1.37 0.00	24.74 1.42 0.00	29.04 1.72 0.00	32.26 2.11 0.00	31.79 2.27 0.00	29.88 2.05 -3.12	30.27 2.19 -1.95	33.35 2.24 -4.73	35.06 2.31 -5.95	36.44 2.36 -7.01	36.11 2.40 -6.79	38.90 2.53 -7.00	46.88 3.00 -8.58	60.21 3.79 -11.32	63.05 3.99 -9.86	55.54 3.98 -1.74	47.94 3.39 0.00	43.49 2.88 0.00	36.80 2.57 0.00	32.32 2.14 0.00
LOWER RAQUET___HYD 24057	26.01 -0.89 0.00	23.61 -0.68 0.00	21.18 -0.65 0.00	20.76 -0.58 0.00	20.44 -0.63 0.00	22.76 -0.56 0.00	26.69 -0.63 0.00	29.64 -0.51 0.00	28.69 -0.83 0.00	23.90 -0.81 0.00	25.10 -1.02 0.00	25.33 -1.06 0.00	25.74 -1.07 0.00	26.02 -1.06 0.00	25.79 -1.13 0.00	28.08 -1.29 0.00	33.42 -1.87 0.00	42.75 -2.35 0.00	46.64 -2.56 0.00	47.27 -2.54 0.00	42.41 -2.14 0.00	39.02 -1.58 0.00	33.27 -0.96 0.00	29.15 -1.03 0.00
LOWER___HUDSON 24059	28.14 1.24 0.00	25.43 1.14 0.00	22.84 1.00 0.00	22.32 0.98 0.00	22.04 0.97 0.00	24.30 0.98 0.00	28.39 1.06 0.00	31.30 1.15 0.00	30.64 1.12 0.00	25.27 0.96 0.41	26.96 1.05 0.21	26.94 1.11 0.55	27.19 1.13 0.75	27.41 1.25 0.91	27.41 1.32 0.83	29.88 1.41 0.89	35.74 1.62 1.17	45.54 1.98 1.55	49.97 2.11 1.35	51.71 2.14 0.24	46.69 2.14 0.00	42.55 1.95 0.00	35.78 1.54 0.00	31.47 1.30 0.00
LOWVILLE_115KV_TB2 356335	27.14 0.24 0.00	24.51 0.22 0.00	21.92 0.09 0.00	21.47 0.13 0.00	21.20 0.13 0.00	23.58 0.26 0.00	27.57 0.25 0.00	30.39 0.24 0.00	29.58 0.06 0.00	24.44 -0.27 0.00	25.81 -0.31 0.00	26.09 -0.29 0.00	26.49 -0.32 0.00	26.73 -0.35 0.00	26.63 -0.30 0.00	29.10 -0.26 0.00	35.22 -0.07 0.00	45.19 0.09 0.00	49.89 0.69 0.00	50.80 1.00 0.00	45.53 0.98 0.00	41.54 0.93 0.00	34.92 0.68 0.00	30.66 0.48 0.00
LUTHERFT_115KV_GLOB_FND_222 355753	28.51 1.61 0.00	25.75 1.46 0.00	23.08 1.24 0.00	22.53 1.19 0.00	22.25 1.18 0.00	24.60 1.28 0.00	28.74 1.42 0.00	31.69 1.54 0.00	31.03 1.51 0.00	25.53 1.19 0.38	27.21 1.28 0.19	27.20 1.32 0.50	27.41 1.29 0.69	27.61 1.38 0.84	27.61 1.45 0.77	30.13 1.59 0.82	35.87 1.66 1.08	45.79 2.12 1.43	50.47 2.51 1.24	52.23 2.64 0.22	47.22 2.67 0.00	43.00 2.40 0.00	36.18 1.95 0.00	31.78 1.60 0.00

LUTHERNY_35_KV_BK2 355980	28.54 1.64 0.00	25.77 1.48 0.00	23.10 1.27 0.00	22.53 1.19 0.00	22.28 1.20 0.00	24.63 1.31 0.00	28.74 1.42 0.00	31.72 1.57 0.00	31.03 1.51 0.00	25.55 1.21 0.38	27.21 1.28 0.19	27.22 1.35 0.50	27.43 1.31 0.69	27.61 1.38 0.84	27.61 1.45 0.77	30.13 1.59 0.82	35.90 1.69 1.08	45.84 2.16 1.43	50.51 2.56 1.24	52.23 2.64 0.22	47.27 2.72 0.00	43.00 2.40 0.00	36.18 1.95 0.00	31.78 1.60 0.00
LWR___OSWEGATCHIE_HYD 23850	26.71 -0.19 0.00	24.17 -0.12 0.00	21.61 -0.22 0.00	21.19 -0.15 0.00	20.91 -0.17 0.00	23.25 -0.07 0.00	27.16 -0.16 0.00	30.00 -0.15 0.00	29.14 -0.38 0.00	24.12 -0.59 0.00	25.44 -0.68 0.00	25.70 -0.69 0.00	26.11 -0.70 0.00	26.32 -0.76 0.00	26.22 -0.70 0.00	28.61 -0.76 0.00	34.48 -0.81 0.00	44.24 -0.86 0.00	48.66 -0.54 0.00	49.61 -0.20 0.00	44.42 -0.13 0.00	40.68 0.08 0.00	34.37 0.14 0.00	30.18 0.00 0.00
LYONS_FALL_HYD 23570	27.28 0.38 0.00	24.63 0.34 0.00	22.05 0.22 0.00	21.57 0.24 0.00	21.31 0.23 0.00	23.67 0.35 0.00	27.68 0.35 0.00	30.57 0.42 0.00	29.79 0.27 0.00	24.67 -0.05 0.00	26.09 -0.03 0.00	26.35 -0.03 0.00	26.75 -0.05 0.00	27.00 -0.08 0.00	26.92 0.00 0.00	29.40 0.03 0.00	35.57 0.28 0.00	45.60 0.50 0.00	50.18 0.98 0.00	51.00 1.19 0.00	45.71 1.16 0.00	41.66 1.05 0.00	35.02 0.79 0.00	30.72 0.54 0.00
MADISON___COUNTY_LFGE 323628	27.65 0.75 0.00	24.95 0.66 0.00	22.35 0.52 0.00	21.87 0.53 0.00	21.60 0.53 0.00	23.95 0.63 0.00	28.06 0.74 0.00	30.97 0.81 0.00	30.23 0.71 0.00	25.11 0.40 0.00	26.54 0.42 0.00	26.80 0.42 0.00	27.21 0.40 0.00	27.46 0.38 0.00	27.41 0.48 0.00	29.96 0.59 0.00	36.21 0.92 0.00	46.36 1.26 0.00	50.92 1.72 0.00	51.70 1.89 0.00	46.29 1.74 0.00	42.15 1.54 0.00	35.43 1.20 0.00	31.20 1.03 0.00
MALONE___115KV_TB1 356076	26.07 -0.83 0.00	23.68 -0.61 0.00	21.31 -0.52 0.00	20.87 -0.47 0.00	20.59 -0.48 0.00	22.88 -0.44 0.00	26.83 -0.49 0.00	29.85 -0.30 0.00	28.99 -0.53 0.00	24.25 -0.47 0.00	25.47 -0.65 0.00	25.67 -0.71 0.00	26.11 -0.70 0.00	26.37 -0.70 0.00	26.11 -0.81 0.00	28.40 -0.97 0.00	34.13 -1.16 0.00	43.84 -1.26 0.00	47.77 -1.43 0.00	48.21 -1.59 0.00	43.04 -1.51 0.00	39.18 -1.42 0.00	32.97 -1.27 0.00	28.94 -1.24 0.00
MAPLEWOD_115KV_TB3 80458	27.92 1.02 0.00	25.24 0.95 0.00	22.64 0.81 0.00	22.13 0.79 0.00	21.85 0.78 0.00	24.09 0.77 0.00	28.11 0.79 0.00	31.06 0.90 0.00	30.46 0.94 0.00	25.16 0.84 0.40	26.86 0.94 0.20	26.82 0.98 0.53	27.10 1.02 0.73	27.24 1.06 0.89	27.27 1.16 0.81	29.70 1.20 0.87	35.53 1.38 1.14	45.27 1.67 1.50	49.66 1.77 1.31	51.37 1.79 0.23	46.29 1.74 0.00	42.19 1.58 0.00	35.50 1.27 0.00	31.20 1.03 0.00
MAPLE_RIDGE_WT_1 323574	26.31 -0.59 0.00	23.80 -0.49 0.00	21.39 -0.44 0.00	20.91 -0.43 0.00	20.63 -0.44 0.00	22.85 -0.47 0.00	26.83 -0.49 0.00	29.70 -0.45 0.00	29.08 -0.44 0.00	24.29 -0.42 0.00	25.60 -0.52 0.00	25.83 -0.56 0.00	26.19 -0.62 0.00	26.46 -0.62 0.00	26.28 -0.65 0.00	28.66 -0.71 0.00	34.44 -0.85 0.00	44.15 -0.95 0.00	48.17 -1.04 0.00	48.71 -1.10 0.00	43.48 -1.07 0.00	39.55 -1.06 0.00	33.27 -0.96 0.00	29.30 -0.88 0.00
MAPLE_RIDGE_WT_2 323611	26.31 -0.59 0.00	23.80 -0.49 0.00	21.39 -0.44 0.00	20.91 -0.43 0.00	20.63 -0.44 0.00	22.85 -0.47 0.00	26.83 -0.49 0.00	29.70 -0.45 0.00	29.08 -0.44 0.00	24.29 -0.42 0.00	25.60 -0.52 0.00	25.83 -0.56 0.00	26.19 -0.62 0.00	26.46 -0.62 0.00	26.28 -0.65 0.00	28.66 -0.71 0.00	34.44 -0.85 0.00	44.15 -0.95 0.00	48.17 -1.04 0.00	48.71 -1.10 0.00	43.48 -1.07 0.00	39.55 -1.06 0.00	33.27 -0.96 0.00	29.30 -0.88 0.00
MARBLE_RIVER_WT_PWR 323696	25.82 -1.08 0.00	23.42 -0.87 0.00	21.07 -0.76 0.00	20.65 -0.68 0.00	20.36 -0.72 0.00	22.62 -0.70 0.00	26.53 -0.79 0.00	29.43 -0.72 0.00	28.64 -0.88 0.00	23.92 -0.79 0.00	25.15 -0.97 0.00	25.38 -1.00 0.00	25.76 -1.05 0.00	26.02 -1.06 0.00	25.76 -1.16 0.00	28.05 -1.32 0.00	33.67 -1.62 0.00	43.16 -1.94 0.00	46.99 -2.21 0.00	47.47 -2.34 0.00	42.37 -2.18 0.00	38.57 -2.03 0.00	32.45 -1.78 0.00	28.52 -1.66 0.00
MARSHVLE_115KV_TB1 80742	28.65 1.75 0.00	25.82 1.53 0.00	23.12 1.29 0.00	22.60 1.26 0.00	22.34 1.26 0.00	24.74 1.42 0.00	28.74 1.42 0.00	31.33 1.18 0.00	30.52 1.00 0.00	25.18 0.69 0.23	26.71 0.68 0.09	26.70 0.58 0.26	26.97 0.56 0.40	27.19 0.62 0.52	27.08 0.59 0.44	29.58 0.70 0.49	35.41 0.81 0.70	45.54 1.35 0.92	50.56 2.16 0.80	52.75 3.09 0.14	47.89 3.34 0.00	43.77 3.17 0.00	36.73 2.50 0.00	32.20 2.02 0.00
MARSH_HILL_WT_PWR 323713	26.63 -0.27 0.00	23.78 -0.51 0.00	21.48 -0.35 0.00	20.87 -0.47 0.00	20.72 -0.36 0.00	22.99 -0.33 0.00	27.02 -0.30 0.00	29.37 -0.78 0.00	28.60 -0.92 0.00	23.62 -1.21 -0.11	36.53 -1.49 -11.90	31.29 -1.69 -6.59	38.35 -1.69 -13.23	39.57 -1.68 -14.17	39.53 -1.51 -14.11	42.88 -1.67 -15.18	51.08 -2.01 -17.80	64.75 -2.44 -22.08	70.99 -2.11 -23.91	56.32 -2.09 -8.60	42.99 -1.56 0.00	39.06 -1.54 0.00	33.27 -0.96 0.00	29.97 -0.21 0.00
MCINTYRE_115KV_TB2 80467	26.47 -0.43 0.00	24.05 -0.24 0.00	21.55 -0.28 0.00	21.13 -0.21 0.00	20.80 -0.27 0.00	23.20 -0.12 0.00	27.18 -0.14 0.00	30.15 0.00 0.00	29.14 -0.38 0.00	24.22 -0.49 0.00	25.39 -0.73 0.00	25.59 -0.79 0.00	26.03 -0.78 0.00	26.29 -0.79 0.00	26.06 -0.86 0.00	28.40 -0.97 0.00	34.09 -1.20 0.00	43.93 -1.17 0.00	48.02 -1.18 0.00	48.86 -0.95 0.00	43.88 -0.67 0.00	40.16 -0.45 0.00	33.93 -0.31 0.00	29.72 -0.45 0.00
MECO_____69_KV_BK1 80468	29.05 2.15 0.00	26.18 1.89 0.00	23.42 1.59 0.00	22.87 1.54 0.00	22.61 1.54 0.00	25.07 1.75 0.00	29.23 1.91 0.00	31.99 1.84 0.00	31.17 1.65 0.00	25.61 1.16 0.27	27.22 1.20 0.10	27.24 1.16 0.31	27.49 1.15 0.47	27.69 1.22 0.60	27.67 1.27 0.51	30.29 1.50 0.58	36.27 1.80 0.82	46.64 2.62 1.08	51.70 3.44 0.94	53.73 4.08 0.17	48.69 4.14 0.00	44.34 3.74 0.00	37.25 3.01 0.00	32.59 2.41 0.00
MENANDS___115KV_TB5 355628	27.76 0.86 0.00	25.12 0.83 0.00	22.55 0.72 0.00	22.02 0.68 0.00	21.75 0.67 0.00	23.97 0.65 0.00	27.98 0.66 0.00	30.91 0.75 0.00	30.32 0.80 0.00	25.06 0.74 0.40	26.75 0.84 0.20	26.72 0.87 0.53	26.99 0.91 0.73	27.13 0.95 0.89	27.16 1.05 0.82	29.58 1.09 0.87	35.38 1.24 1.14	45.04 1.44 1.51	49.36 1.48 1.31	51.02 1.44 0.23	45.98 1.43 0.00	41.90 1.30 0.00	35.26 1.03 0.00	31.02 0.84 0.00
MG INDUSTRY___DRP 24185	27.73 0.83 0.00	25.09 0.80 0.00	22.55 0.72 0.00	22.04 0.70 0.00	21.77 0.70 0.00	23.95 0.63 0.00	27.95 0.63 0.00	30.82 0.66 0.00	30.14 0.62 0.00	25.02 0.54 0.24	26.63 0.60 0.09	26.72 0.61 0.27	27.04 0.64 0.41	27.22 0.68 0.53	27.20 0.73 0.45	29.60 0.73 0.51	35.46 0.88 0.72	45.24 1.08 0.94	49.61 1.23 0.82	51.01 1.34 0.15	45.84 1.29 0.00	41.82 1.22 0.00	35.23 0.99 0.00	31.02 0.84 0.00

MID___OSWEGATCHIE_HYD 23849	26.71 -0.19 0.00	24.17 -0.12 0.00	21.61 -0.22 0.00	21.19 -0.15 0.00	20.91 -0.17 0.00	23.25 -0.07 0.00	27.16 -0.16 0.00	30.00 -0.15 0.00	29.14 -0.38 0.00	24.12 -0.59 0.00	25.44 -0.68 0.00	25.70 -0.69 0.00	26.11 -0.70 0.00	26.32 -0.76 0.00	26.22 -0.70 0.00	28.61 -0.76 0.00	34.48 -0.81 0.00	44.24 -0.86 0.00	48.66 -0.54 0.00	49.61 -0.20 0.00	44.42 -0.13 0.00	40.68 0.08 0.00	34.37 0.14 0.00	30.18 0.00 0.00
MID___RAQUETTE_HYD 23851	26.01 -0.89 0.00	23.61 -0.68 0.00	21.18 -0.65 0.00	20.74 -0.60 0.00	20.44 -0.63 0.00	22.76 -0.56 0.00	26.69 -0.63 0.00	29.64 -0.51 0.00	28.69 -0.83 0.00	23.90 -0.82 0.00	25.10 -1.02 0.00	25.33 -1.06 0.00	25.76 -1.05 0.00	26.02 -1.06 0.00	25.79 -1.13 0.00	28.08 -1.29 0.00	33.42 -1.87 0.00	42.76 -2.35 0.00	46.64 -2.56 0.00	47.27 -2.54 0.00	42.41 -2.14 0.00	39.02 -1.58 0.00	33.27 -0.96 0.00	29.21 -0.97 0.00
MILLIKEN___1 23584	27.44 0.54 0.00	24.73 0.44 0.00	22.25 0.41 0.00	21.68 0.34 0.00	21.45 0.38 0.00	23.74 0.42 0.00	27.92 0.60 0.00	30.69 0.54 0.00	29.93 0.41 0.00	25.00 0.17 -0.11	27.20 0.13 -0.95	27.13 0.13 -0.62	28.11 0.11 -1.19	28.47 0.08 -1.31	28.41 0.22 -1.27	31.04 0.29 -1.38	37.42 0.46 -1.67	47.96 0.77 -2.10	52.61 1.23 -2.18	51.87 1.34 -0.72	45.80 1.25 0.00	41.66 1.06 0.00	35.09 0.86 0.00	31.05 0.88 0.00
MILLIKEN___2 23585	27.44 0.54 0.00	24.73 0.44 0.00	22.25 0.41 0.00	21.68 0.34 0.00	21.45 0.38 0.00	23.74 0.42 0.00	27.92 0.60 0.00	30.69 0.54 0.00	29.93 0.41 0.00	25.00 0.17 -0.11	27.20 0.13 -0.95	27.13 0.13 -0.62	28.11 0.11 -1.19	28.47 0.08 -1.31	28.41 0.22 -1.27	31.04 0.29 -1.38	37.42 0.46 -1.67	47.96 0.77 -2.10	52.61 1.23 -2.18	51.87 1.34 -0.72	45.80 1.25 0.00	41.66 1.06 0.00	35.09 0.86 0.00	31.05 0.88 0.00
MILLIKEN___DIESEL 23629	27.44 0.54 0.00	24.73 0.44 0.00	22.25 0.41 0.00	21.68 0.34 0.00	21.45 0.38 0.00	23.74 0.42 0.00	27.92 0.60 0.00	30.69 0.54 0.00	29.93 0.41 0.00	25.00 0.17 -0.11	27.20 0.13 -0.95	27.13 0.13 -0.62	28.11 0.11 -1.19	28.47 0.08 -1.31	28.41 0.22 -1.27	31.04 0.29 -1.38	37.42 0.46 -1.67	47.96 0.77 -2.10	52.61 1.23 -2.18	51.87 1.34 -0.72	45.80 1.25 0.00	41.66 1.06 0.00	35.09 0.86 0.00	31.05 0.88 0.00
MILLSEAT___LFGE 323607	26.68 -0.22 0.00	23.83 -0.46 0.00	21.59 -0.24 0.00	20.89 -0.45 0.00	20.74 -0.34 0.00	23.04 -0.28 0.00	26.91 -0.41 0.00	29.37 -0.78 0.00	28.90 -0.62 0.00	23.92 -0.87 -0.07	23.21 -0.70 2.21	24.40 -0.85 1.14	23.56 -0.91 2.33	23.83 -0.79 2.47	23.70 -0.73 2.49	25.96 -0.73 2.67	31.01 -1.20 3.09	39.49 -1.81 3.81	43.73 -1.28 4.19	46.85 -1.39 1.56	43.48 -1.07 0.00	39.51 -1.09 0.00	33.79 -0.45 0.00	30.69 0.51 0.00
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	28.70 1.80 0.00	25.94 1.65 0.00	23.25 1.42 0.00	22.79 1.45 0.00	22.51 1.43 0.00	24.79 1.47 0.00	29.10 1.78 0.00	32.32 2.17 0.00	31.88 2.36 0.00	30.28 2.13 -3.44	30.66 2.27 -2.27	34.10 2.32 -5.40	35.84 2.39 -6.65	37.29 2.46 -7.75	37.06 2.50 -7.63	39.80 2.64 -7.79	47.83 3.18 -9.36	61.46 4.01 -12.34	64.14 4.18 -10.76	55.94 4.23 -1.90	48.16 3.61 0.00	43.69 3.09 0.00	36.94 2.70 0.00	32.41 2.23 0.00
MILLWOOD_13_KV_LOAD 356217	28.78 1.88 0.00	26.01 1.72 0.00	23.29 1.46 0.00	22.83 1.49 0.00	22.55 1.48 0.00	24.84 1.52 0.00	29.15 1.83 0.00	32.41 2.26 0.00	31.94 2.42 0.00	30.31 2.15 -3.44	30.71 2.32 -2.27	34.15 2.37 -5.40	35.90 2.44 -6.65	37.37 2.55 -7.75	37.14 2.58 -7.63	39.89 2.73 -7.79	48.01 3.35 -9.36	61.64 4.19 -12.34	64.43 4.48 -10.76	56.19 4.48 -1.90	48.38 3.83 0.00	43.85 3.25 0.00	37.04 2.81 0.00	32.50 2.32 0.00
MODEL_CITY_ENERGY 24167	26.09 -0.81 0.00	23.20 -1.09 0.00	21.07 -0.76 0.00	20.38 -0.96 0.00	20.25 -0.82 0.00	22.50 -0.82 0.00	26.26 -1.07 0.00	28.49 -1.66 0.00	28.13 -1.39 0.00	23.33 -1.46 -0.08	21.96 -1.39 2.77	23.38 -1.56 1.44	22.28 -1.58 2.95	22.42 -1.54 3.12	22.24 -1.53 3.15	24.38 -1.62 3.37	29.34 -2.05 3.90	37.30 -2.98 4.82	41.34 -2.56 5.30	44.58 -3.29 1.94	41.79 -2.76 0.00	38.01 -2.60 0.00	32.66 -1.57 0.00	29.82 -0.36 0.00
MODERN_LFGE___ 323580	26.09 -0.81 0.00	23.20 -1.09 0.00	21.07 -0.76 0.00	20.38 -0.96 0.00	20.25 -0.82 0.00	22.50 -0.82 0.00	26.26 -1.07 0.00	28.49 -1.66 0.00	28.13 -1.39 0.00	23.33 -1.46 -0.08	21.96 -1.39 2.77	23.38 -1.56 1.44	22.28 -1.58 2.95	22.42 -1.54 3.12	22.24 -1.53 3.15	24.38 -1.62 3.37	29.34 -2.05 3.90	37.30 -2.98 4.82	41.34 -2.56 5.30	44.58 -3.29 1.94	41.79 -2.76 0.00	38.01 -2.60 0.00	32.66 -1.57 0.00	29.82 -0.36 0.00
MOHAWK_PAPER___DRP 24187	27.92 1.02 0.00	25.24 0.95 0.00	22.64 0.81 0.00	22.13 0.79 0.00	21.85 0.78 0.00	24.09 0.77 0.00	28.11 0.79 0.00	31.06 0.90 0.00	30.46 0.94 0.00	25.16 0.84 0.40	26.86 0.94 0.20	26.82 0.98 0.53	27.10 1.02 0.73	27.24 1.06 0.89	27.27 1.16 0.81	29.70 1.20 0.87	35.53 1.38 1.14	45.27 1.67 1.50	49.66 1.77 1.31	51.37 1.79 0.23	46.29 1.74 0.00	42.19 1.58 0.00	35.50 1.27 0.00	31.20 1.03 0.00
MOHICAN___35_KV_115KV_LD 80490	28.92 2.02 0.00	26.09 1.80 0.00	23.34 1.51 0.00	22.77 1.43 0.00	22.51 1.43 0.00	24.95 1.63 0.00	29.10 1.78 0.00	32.05 1.90 0.00	31.35 1.83 0.00	25.77 1.43 0.37	27.47 1.54 0.19	27.46 1.58 0.50	27.57 1.45 0.69	27.78 1.54 0.84	27.77 1.62 0.77	30.31 1.76 0.82	35.73 1.52 1.08	45.57 1.89 1.42	50.52 2.56 1.24	52.23 2.64 0.22	47.40 2.85 0.00	43.12 2.52 0.00	36.29 2.05 0.00	31.81 1.63 0.00
MONGAUP___HYD 23641	28.46 1.56 0.00	25.70 1.41 0.00	23.01 1.18 0.00	22.53 1.19 0.00	22.25 1.18 0.00	24.56 1.24 0.00	28.85 1.53 0.00	31.87 1.72 0.00	31.23 1.71 0.00	28.62 1.46 -2.44	29.00 1.54 -1.34	31.38 1.58 -3.41	32.98 1.64 -4.54	34.36 1.79 -5.49	33.73 1.70 -5.11	36.63 1.85 -5.41	44.04 1.80 -6.95	56.70 2.43 -9.16	60.04 2.85 -7.98	54.16 2.94 -1.41	47.04 2.49 0.00	42.67 2.07 0.00	36.46 2.22 0.00	32.17 1.99 0.00
MONTAUK___DIESEL 23721	32.28 2.69 -2.69	28.77 2.62 -1.86	26.92 2.42 -2.66	26.32 2.56 -2.42	26.70 2.66 -2.97	28.03 2.91 -1.79	31.45 3.52 -0.61	38.76 4.16 -4.45	37.96 4.31 -4.13	39.10 3.71 -10.68	39.25 3.81 -9.32	37.92 3.67 -7.87	39.76 3.40 -9.55	40.77 3.47 -10.23	41.36 3.18 -11.26	43.26 3.20 -10.69	54.78 3.71 -15.78	82.22 4.87 -32.25	68.84 4.97 -14.67	58.71 5.08 -3.82	51.38 4.23 -2.59	44.31 3.69 -0.01	39.94 3.08 -2.62	37.22 2.78 -4.26
MOONROAD_115KV_HARTFLD_TB1-2 355988	26.41 -0.48 0.00	23.44 -0.85 0.00	21.29 -0.55 0.00	20.70 -0.64 0.00	20.50 -0.57 0.00	22.92 -0.40 0.00	26.99 -0.33 0.00	29.37 -0.78 0.00	28.93 -0.59 0.00	23.97 -0.84 -0.09	23.78 -1.25 1.08	24.34 -1.53 0.51	24.05 -1.69 1.07	24.21 -1.76 1.11	24.00 -1.78 1.14	26.24 -1.91 1.22	31.55 -2.36 1.38	39.90 -3.52 1.68	44.10 -3.20 1.91	45.82 -3.24 0.75	42.32 -2.23 0.00	38.49 -2.11 0.00	32.93 -1.30 0.00	30.00 -0.18 0.00

MORRIS_RIDGE___SOLAR 323848	26.44 -0.46 0.00	23.61 -0.68 0.00	21.37 -0.46 0.00	20.74 -0.60 0.00	20.59 -0.48 0.00	22.83 -0.49 0.00	26.75 -0.58 0.00	28.95 -1.21 0.00	28.22 -1.30 0.00	23.34 -1.48 -0.11	0.33 -1.75 24.04	11.42 -1.95 13.01	-1.45 -1.98 26.27	-2.92 -1.98 28.02	-2.95 -1.83 28.04	-2.72 -1.97 30.13	-2.27 -2.40 35.16	-1.45 -3.02 43.53	-0.85 -2.66 47.40	30.00 -2.54 17.27	42.64 -1.91 0.00	38.82 -1.79 0.00	33.17 -1.06 0.00	30.00 -0.18 0.00
MORTIMER_115KV_TB3 55949	26.66 -0.24 0.00	23.90 -0.39 0.00	21.59 -0.24 0.00	21.00 -0.34 0.00	20.76 -0.32 0.00	23.04 -0.28 0.00	27.02 -0.30 0.00	29.64 -0.51 0.00	28.96 -0.56 0.00	24.10 -0.62 0.00	25.75 -0.37 0.00	25.93 -0.45 0.00	26.33 -0.48 0.00	26.70 -0.38 0.00	26.60 -0.32 0.00	29.05 -0.32 0.00	34.80 -0.49 0.00	44.34 -0.77 0.00	48.81 -0.39 0.00	49.41 -0.40 0.00	44.06 -0.49 0.00	40.03 -0.57 0.00	34.03 -0.21 0.00	30.54 0.36 0.00
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	28.89 1.99 0.00	26.11 1.82 0.00	23.38 1.55 0.00	22.92 1.58 0.00	22.63 1.56 0.00	24.93 1.61 0.00	29.29 1.97 0.00	32.56 2.41 0.00	32.15 2.63 0.00	30.92 2.37 -3.83	32.36 2.51 -3.73	36.81 2.56 -7.87	37.64 2.63 -8.20	38.42 2.71 -8.63	39.51 2.75 -9.85	41.43 2.88 -9.19	47.83 3.49 -9.04	61.35 4.33 -11.92	64.11 4.53 -10.38	56.23 4.58 -1.84	48.43 3.88 0.00	43.93 3.33 0.00	37.21 2.98 0.00	32.68 2.50 0.00
MUNSVILLE_WIND_PWR 323609	28.67 1.77 0.00	25.85 1.56 0.00	23.14 1.31 0.00	22.62 1.28 0.00	22.40 1.33 0.00	24.93 1.61 0.00	29.21 1.88 0.00	32.17 2.02 0.00	31.23 1.71 0.00	25.70 0.81 -0.17	27.66 0.78 -0.75	27.66 0.71 -0.57	28.56 0.70 -1.05	28.89 0.62 -1.19	28.89 0.84 -1.14	31.69 1.09 -1.24	38.66 1.83 -1.54	49.75 2.71 -1.95	55.05 3.89 -1.97	54.60 4.18 -0.60	48.38 3.83 0.00	43.85 3.25 0.00	36.66 2.43 0.00	32.26 2.08 0.00
N SALMON___HYD 24042	26.06 -0.83 0.00	23.68 -0.61 0.00	21.31 -0.52 0.00	20.89 -0.45 0.00	20.59 -0.48 0.00	22.88 -0.44 0.00	26.86 -0.46 0.00	29.85 -0.30 0.00	28.99 -0.53 0.00	24.24 -0.47 0.00	25.44 -0.68 0.00	25.67 -0.71 0.00	26.09 -0.72 0.00	26.37 -0.70 0.00	26.11 -0.81 0.00	28.40 -0.97 0.00	34.13 -1.16 0.00	43.84 -1.26 0.00	47.77 -1.43 0.00	48.21 -1.60 0.00	43.04 -1.51 0.00	39.18 -1.42 0.00	32.97 -1.27 0.00	28.94 -1.24 0.00
N.AKRON__115KV_KNAPP 355671	26.63 -0.27 0.00	23.76 -0.53 0.00	21.53 -0.31 0.00	20.91 -0.43 0.00	20.69 -0.38 0.00	23.02 -0.30 0.00	26.97 -0.36 0.00	29.40 -0.75 0.00	28.75 -0.77 0.00	23.85 -0.94 -0.07	22.92 -0.81 2.39	24.22 -0.92 1.23	23.29 -0.99 2.53	23.51 -0.89 2.67	23.39 -0.83 2.70	25.63 -0.85 2.89	30.68 -1.27 3.34	39.09 -1.89 4.12	43.28 -1.38 4.54	46.57 -1.54 1.69	43.35 -1.20 0.00	39.39 -1.22 0.00	33.72 -0.51 0.00	30.66 0.48 0.00
N.E_GEN_SANDY PD 24062	28.27 1.37 0.00	25.58 1.29 0.00	22.97 1.13 0.00	22.49 1.15 0.00	22.19 1.12 0.00	24.44 1.12 0.00	28.55 1.23 0.00	31.54 1.39 0.00	30.91 1.39 0.00	25.26 1.28 0.74	27.10 1.36 0.38	26.82 1.42 0.99	26.92 1.47 1.36	27.03 1.62 1.67	27.10 1.70 1.52	29.50 1.76 1.63	35.26 2.12 2.15	44.93 2.66 2.83	49.39 2.66 2.47	52.01 2.64 0.44	47.00 2.45 0.00	42.83 2.23 0.00	36.08 1.85 0.00	31.75 1.57 0.00
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	28.67 1.78 0.00	25.92 1.63 0.00	23.23 1.40 0.00	22.75 1.41 0.00	22.46 1.39 0.00	24.77 1.45 0.00	29.07 1.75 0.00	32.29 2.14 0.00	31.82 2.30 0.00	29.82 2.05 -3.06	30.24 2.22 -1.90	33.26 2.27 -4.61	34.97 2.33 -5.82	36.36 2.41 -6.87	36.01 2.45 -6.64	38.81 2.58 -6.86	46.84 3.11 -8.44	60.15 3.92 -11.12	63.03 4.13 -9.69	55.66 4.13 -1.71	48.07 3.52 0.00	43.61 3.00 0.00	36.87 2.64 0.00	32.38 2.20 0.00
N.QUEENS_27_KV_LOAD 356247	29.11 2.21 -0.01	26.31 2.02 -0.01	23.56 1.72 -0.01	23.16 1.81 -0.01	22.87 1.79 -0.01	25.00 1.68 0.00	29.32 1.99 0.00	32.47 2.32 0.00	32.12 2.60 0.00	30.91 2.47 -3.73	32.16 2.64 -3.40	36.37 2.69 -7.30	37.34 2.71 -7.82	38.28 2.82 -8.39	39.09 2.85 -9.31	41.14 2.94 -8.83	47.69 3.35 -9.04	61.12 4.10 -11.91	63.91 4.33 -10.38	56.02 4.38 -1.83	48.12 3.56 0.00	43.97 3.37 0.00	37.63 3.39 -0.01	33.02 2.84 -0.01
N.TROY___115KV_TB1 355778	28.14 1.24 0.00	25.43 1.14 0.00	22.84 1.00 0.00	22.30 0.96 0.00	22.04 0.97 0.00	24.30 0.98 0.00	28.36 1.04 0.00	31.33 1.18 0.00	30.70 1.18 0.00	25.32 1.01 0.41	27.01 1.10 0.21	26.97 1.13 0.55	27.24 1.18 0.75	27.41 1.25 0.91	27.41 1.32 0.83	29.88 1.41 0.89	35.74 1.62 1.17	45.54 1.98 1.55	49.97 2.12 1.35	51.71 2.14 0.24	46.65 2.09 0.00	42.55 1.95 0.00	35.77 1.54 0.00	31.47 1.30 0.00
NARROWS_GT1_1 24228	29.19 2.29 -0.01	26.36 2.06 -0.01	23.59 1.75 -0.01	23.10 1.75 -0.01	22.81 1.73 -0.01	25.05 1.73 0.00	29.40 2.08 0.00	32.59 2.44 0.00	32.12 2.60 0.00	30.94 2.45 -3.78	32.23 2.53 -3.58	36.58 2.59 -7.61	37.46 2.63 -8.03	38.39 2.79 -8.52	39.33 2.80 -9.60	41.33 2.94 -9.03	47.90 3.56 -9.04	61.45 4.42 -11.92	64.21 4.62 -10.39	56.22 4.58 -1.84	48.43 3.87 0.00	43.97 3.37 0.00	37.55 3.32 0.00	33.05 2.87 0.00
NARROWS_GT1_2 24229	29.19 2.29 -0.01	26.36 2.06 -0.01	23.59 1.75 -0.01	23.10 1.75 -0.01	22.81 1.73 -0.01	25.05 1.73 0.00	29.40 2.08 0.00	32.59 2.44 0.00	32.12 2.60 0.00	30.94 2.45 -3.78	32.23 2.53 -3.58	36.58 2.59 -7.61	37.46 2.63 -8.03	38.39 2.79 -8.52	39.33 2.80 -9.60	41.33 2.94 -9.03	47.90 3.56 -9.04	61.45 4.42 -11.92	64.21 4.62 -10.39	56.22 4.58 -1.84	48.43 3.87 0.00	43.97 3.37 0.00	37.55 3.32 0.00	33.05 2.87 0.00
NARROWS_GT1_3 24230	29.19 2.29 -0.01	26.36 2.06 -0.01	23.59 1.75 -0.01	23.10 1.75 -0.01	22.81 1.73 -0.01	25.05 1.73 0.00	29.40 2.08 0.00	32.59 2.44 0.00	32.12 2.60 0.00	30.94 2.45 -3.78	32.23 2.53 -3.58	36.58 2.59 -7.61	37.46 2.63 -8.03	38.39 2.79 -8.52	39.33 2.80 -9.60	41.33 2.94 -9.03	47.90 3.56 -9.04	61.45 4.42 -11.92	64.21 4.62 -10.39	56.22 4.58 -1.84	48.43 3.87 0.00	43.97 3.37 0.00	37.55 3.32 0.00	33.05 2.87 0.00
NARROWS_GT1_4 24231	29.19 2.29 -0.01	26.36 2.06 -0.01	23.59 1.75 -0.01	23.10 1.75 -0.01	22.81 1.73 -0.01	25.05 1.73 0.00	29.40 2.08 0.00	32.59 2.44 0.00	32.12 2.60 0.00	30.94 2.45 -3.78	32.23 2.53 -3.58	36.58 2.59 -7.61	37.46 2.63 -8.03	38.39 2.79 -8.52	39.33 2.80 -9.60	41.33 2.94 -9.03	47.90 3.56 -9.04	61.45 4.42 -11.92	64.21 4.62 -10.39	56.22 4.58 -1.84	48.43 3.87 0.00	43.97 3.37 0.00	37.55 3.32 0.00	33.05 2.87 0.00
NARROWS_GT1_5 24232	29.19 2.29 -0.01	26.36 2.06 -0.01	23.59 1.75 -0.01	23.10 1.75 -0.01	22.81 1.73 -0.01	25.05 1.73 0.00	29.40 2.08 0.00	32.59 2.44 0.00	32.12 2.60 0.00	30.94 2.45 -3.78	32.23 2.53 -3.58	36.58 2.59 -7.61	37.46 2.63 -8.03	38.39 2.79 -8.52	39.33 2.80 -9.60	41.33 2.94 -9.03	47.90 3.56 -9.04	61.45 4.42 -11.92	64.21 4.62 -10.39	56.22 4.58 -1.84	48.43 3.87 0.00	43.97 3.37 0.00	37.55 3.32 0.00	33.05 2.87 0.00

NARROWS_GT1_6 24233	29.19 2.29 -0.01	26.36 2.06 -0.01	23.59 1.75 -0.01	23.10 1.75 -0.01	22.81 1.73 -0.01	25.05 1.73 0.00	29.40 2.08 0.00	32.59 2.44 0.00	32.12 2.60 0.00	30.94 2.45 -3.78	32.23 2.53 -3.58	36.58 2.59 -7.61	37.46 2.63 -8.03	38.39 2.79 -8.52	39.33 2.80 -9.60	41.33 2.94 -9.03	47.90 3.56 -9.04	61.45 4.42 -11.92	64.21 4.62 -10.39	56.22 4.58 -1.84	48.43 3.87 0.00	43.97 3.37 0.00	37.55 3.32 0.00	33.05 2.87 0.00
NARROWS_GT1_7 24234	29.19 2.29 -0.01	26.36 2.06 -0.01	23.59 1.75 -0.01	23.10 1.75 -0.01	22.81 1.73 -0.01	25.05 1.73 0.00	29.40 2.08 0.00	32.59 2.44 0.00	32.12 2.60 0.00	30.94 2.45 -3.78	32.23 2.53 -3.58	36.58 2.59 -7.61	37.46 2.63 -8.03	38.39 2.79 -8.52	39.33 2.80 -9.60	41.33 2.94 -9.03	47.90 3.56 -9.04	61.45 4.42 -11.92	64.21 4.62 -10.39	56.22 4.58 -1.84	48.43 3.87 0.00	43.97 3.37 0.00	37.55 3.32 0.00	33.05 2.87 0.00
NARROWS_GT1_8 24235	29.19 2.29 -0.01	26.36 2.06 -0.01	23.59 1.75 -0.01	23.10 1.75 -0.01	22.81 1.73 -0.01	25.05 1.73 0.00	29.40 2.08 0.00	32.59 2.44 0.00	32.12 2.60 0.00	30.94 2.45 -3.78	32.23 2.53 -3.58	36.58 2.59 -7.61	37.46 2.63 -8.03	38.39 2.79 -8.52	39.33 2.80 -9.60	41.33 2.94 -9.03	47.90 3.56 -9.04	61.45 4.42 -11.92	64.21 4.62 -10.39	56.22 4.58 -1.84	48.43 3.87 0.00	43.97 3.37 0.00	37.55 3.32 0.00	33.05 2.87 0.00
NARROWS_GT2_1 24236	29.19 2.29 -0.01	26.36 2.06 -0.01	23.59 1.75 -0.01	23.10 1.75 -0.01	22.81 1.73 -0.01	25.05 1.73 0.00	29.40 2.08 0.00	32.59 2.44 0.00	32.12 2.60 0.00	30.94 2.45 -3.78	32.23 2.53 -3.58	36.58 2.59 -7.61	37.46 2.63 -8.03	38.39 2.79 -8.52	39.33 2.80 -9.60	41.33 2.94 -9.03	47.90 3.56 -9.04	61.45 4.42 -11.92	64.21 4.62 -10.39	56.22 4.58 -1.84	48.43 3.87 0.00	43.97 3.37 0.00	37.55 3.32 0.00	33.05 2.87 0.00
NARROWS_GT2_2 24237	29.19 2.29 -0.01	26.36 2.06 -0.01	23.59 1.75 -0.01	23.10 1.75 -0.01	22.81 1.73 -0.01	25.05 1.73 0.00	29.40 2.08 0.00	32.59 2.44 0.00	32.12 2.60 0.00	30.94 2.45 -3.78	32.23 2.53 -3.58	36.58 2.59 -7.61	37.46 2.63 -8.03	38.39 2.79 -8.52	39.33 2.80 -9.60	41.33 2.94 -9.03	47.90 3.56 -9.04	61.45 4.42 -11.92	64.21 4.62 -10.39	56.22 4.58 -1.84	48.43 3.87 0.00	43.97 3.37 0.00	37.55 3.32 0.00	33.05 2.87 0.00
NARROWS_GT2_3 24238	29.19 2.29 -0.01	26.36 2.06 -0.01	23.59 1.75 -0.01	23.10 1.75 -0.01	22.81 1.73 -0.01	25.05 1.73 0.00	29.40 2.08 0.00	32.59 2.44 0.00	32.12 2.60 0.00	30.94 2.45 -3.78	32.23 2.53 -3.58	36.58 2.59 -7.61	37.46 2.63 -8.03	38.39 2.79 -8.52	39.33 2.80 -9.60	41.33 2.94 -9.03	47.90 3.56 -9.04	61.45 4.42 -11.92	64.21 4.62 -10.39	56.22 4.58 -1.84	48.43 3.87 0.00	43.97 3.37 0.00	37.55 3.32 0.00	33.05 2.87 0.00
NARROWS_GT2_4 24239	29.19 2.29 -0.01	26.36 2.06 -0.01	23.59 1.75 -0.01	23.10 1.75 -0.01	22.81 1.73 -0.01	25.05 1.73 0.00	29.40 2.08 0.00	32.59 2.44 0.00	32.12 2.60 0.00	30.94 2.45 -3.78	32.23 2.53 -3.58	36.58 2.59 -7.61	37.46 2.63 -8.03	38.39 2.79 -8.52	39.33 2.80 -9.60	41.33 2.94 -9.03	47.90 3.56 -9.04	61.45 4.42 -11.92	64.21 4.62 -10.39	56.22 4.58 -1.84	48.43 3.87 0.00	43.97 3.37 0.00	37.55 3.32 0.00	33.05 2.87 0.00
NARROWS_GT2_5 24240	29.19 2.29 -0.01	26.36 2.06 -0.01	23.59 1.75 -0.01	23.10 1.75 -0.01	22.81 1.73 -0.01	25.05 1.73 0.00	29.40 2.08 0.00	32.59 2.44 0.00	32.12 2.60 0.00	30.94 2.45 -3.78	32.23 2.53 -3.58	36.58 2.59 -7.61	37.46 2.63 -8.03	38.39 2.79 -8.52	39.33 2.80 -9.60	41.33 2.94 -9.03	47.90 3.56 -9.04	61.45 4.42 -11.92	64.21 4.62 -10.39	56.22 4.58 -1.84	48.43 3.87 0.00	43.97 3.37 0.00	37.55 3.32 0.00	33.05 2.87 0.00
NARROWS_GT2_6 24241	29.19 2.29 -0.01	26.36 2.06 -0.01	23.59 1.75 -0.01	23.10 1.75 -0.01	22.81 1.73 -0.01	25.05 1.73 0.00	29.40 2.08 0.00	32.59 2.44 0.00	32.12 2.60 0.00	30.94 2.45 -3.78	32.23 2.53 -3.58	36.58 2.59 -7.61	37.46 2.63 -8.03	38.39 2.79 -8.52	39.33 2.80 -9.60	41.33 2.94 -9.03	47.90 3.56 -9.04	61.45 4.42 -11.92	64.21 4.62 -10.39	56.22 4.58 -1.84	48.43 3.87 0.00	43.97 3.37 0.00	37.55 3.32 0.00	33.05 2.87 0.00
NARROWS_GT2_7 24242	29.19 2.29 -0.01	26.36 2.06 -0.01	23.59 1.75 -0.01	23.10 1.75 -0.01	22.81 1.73 -0.01	25.05 1.73 0.00	29.40 2.08 0.00	32.59 2.44 0.00	32.12 2.60 0.00	30.94 2.45 -3.78	32.23 2.53 -3.58	36.58 2.59 -7.61	37.46 2.63 -8.03	38.39 2.79 -8.52	39.33 2.80 -9.60	41.33 2.94 -9.03	47.90 3.56 -9.04	61.45 4.42 -11.92	64.21 4.62 -10.39	56.22 4.58 -1.84	48.43 3.87 0.00	43.97 3.37 0.00	37.55 3.32 0.00	33.05 2.87 0.00
NARROWS_GT2_8 24243	29.19 2.29 -0.01	26.36 2.06 -0.01	23.59 1.75 -0.01	23.10 1.75 -0.01	22.81 1.73 -0.01	25.05 1.73 0.00	29.40 2.08 0.00	32.59 2.44 0.00	32.12 2.60 0.00	30.94 2.45 -3.78	32.23 2.53 -3.58	36.58 2.59 -7.61	37.46 2.63 -8.03	38.39 2.79 -8.52	39.33 2.80 -9.60	41.33 2.94 -9.03	47.90 3.56 -9.04	61.45 4.42 -11.92	64.21 4.62 -10.39	56.22 4.58 -1.84	48.43 3.87 0.00	43.97 3.37 0.00	37.55 3.32 0.00	33.05 2.87 0.00
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	28.06 1.16 0.00	25.36 1.07 0.00	22.73 0.90 0.00	22.19 0.85 0.00	21.92 0.84 0.00	24.21 0.89 0.00	28.28 0.96 0.00	31.15 1.00 0.00	30.41 0.89 0.00	25.56 0.74 -0.10	26.97 0.81 -0.04	27.34 0.84 -0.12	27.88 0.88 -0.18	28.29 0.97 -0.24	28.25 1.13 -0.20	30.83 1.23 -0.22	37.09 1.48 -0.32	47.55 2.03 -0.42	52.07 2.51 -0.36	52.51 2.64 -0.06	46.87 2.32 0.00	42.67 2.07 0.00	35.84 1.61 0.00	31.44 1.27 0.00
NCHELSEA_115KV_TR2 355582	28.67 1.78 0.00	25.94 1.65 0.00	23.21 1.38 0.00	22.75 1.41 0.00	22.46 1.39 0.00	24.77 1.45 0.00	29.04 1.72 0.00	32.23 2.08 0.00	31.70 2.18 0.00	28.18 1.88 -1.59	28.73 2.01 -0.60	30.27 2.08 -1.80	31.75 2.17 -2.77	32.91 2.27 -3.56	32.31 2.37 -3.02	35.29 2.53 -3.39	43.21 3.11 -4.81	55.46 4.01 -6.34	59.10 4.38 -5.52	55.17 4.38 -0.98	48.34 3.79 0.00	43.81 3.21 0.00	36.94 2.70 0.00	32.41 2.23 0.00
NEG CAPITAL____MECHNVIL 23645	28.57 1.67 0.00	25.77 1.48 0.00	23.10 1.27 0.00	22.55 1.22 0.00	22.27 1.20 0.00	24.63 1.31 0.00	28.77 1.45 0.00	31.66 1.51 0.00	31.02 1.50 0.00	25.54 1.21 0.39	27.20 1.28 0.20	27.21 1.34 0.52	27.44 1.34 0.71	27.67 1.46 0.87	27.69 1.56 0.79	30.22 1.70 0.85	36.05 1.87 1.11	46.02 2.39 1.47	50.68 2.75 1.28	52.42 2.84 0.23	47.41 2.85 0.00	43.12 2.52 0.00	36.29 2.05 0.00	31.87 1.69 0.00
NEG CENTRAL_HIGH_ACRES 23767	26.23 -0.67 0.00	23.54 -0.75 0.00	21.22 -0.61 0.00	20.61 -0.73 0.00	20.44 -0.63 0.00	22.64 -0.68 0.00	26.56 -0.76 0.00	29.22 -0.93 0.00	28.66 -0.86 0.00	23.80 -0.91 0.00	25.42 -0.70 0.00	25.62 -0.77 0.00	25.98 -0.83 0.00	26.29 -0.79 0.00	26.22 -0.70 0.00	28.64 -0.73 0.00	34.34 -0.95 0.00	43.79 -1.31 0.00	48.17 -1.04 0.00	48.76 -1.05 0.00	43.48 -1.07 0.00	39.55 -1.06 0.00	33.48 -0.75 0.00	29.97 -0.21 0.00



NEG CENTRAL___DRP 24199	26.98 0.08 0.00	24.27 -0.02 0.00	21.85 0.02 0.00	21.27 -0.06 0.00	21.07 0.00 0.00	23.34 0.02 0.00	27.46 0.14 0.00	30.15 0.00 0.00	29.43 -0.09 0.00	24.47 -0.25 0.00	26.99 -0.26 -1.13	26.73 -0.26 -0.62	27.73 -0.32 -1.24	28.11 -0.30 -1.33	28.06 -0.19 -1.32	30.64 -0.15 -1.42	36.74 -0.21 -1.66	46.98 -0.18 -2.06	51.64 0.20 -2.24	50.87 0.25 -0.81	44.77 0.22 0.00	40.85 0.24 0.00	34.44 0.21 0.00	30.60 0.42 0.00
NEG CENTRAL___INDECK 23768	27.30 0.40 0.00	24.48 0.19 0.00	22.11 0.28 0.00	21.42 0.09 0.00	21.28 0.21 0.00	23.60 0.28 0.00	27.65 0.33 0.00	30.12 -0.03 0.00	29.25 -0.27 0.00	24.14 -0.67 -0.09	37.44 -0.63 -11.95	31.43 -1.56 -6.60	38.48 -1.58 -13.25	39.73 -1.54 -14.19	39.64 -1.43 -14.14	43.14 -1.44 -15.21	51.36 -1.76 -17.83	65.23 -1.98 -22.11	71.73 -1.43 -23.95	57.45 -1.00 -8.63	43.88 -0.67 0.00	39.91 -0.69 0.00	34.92 0.68 0.00	31.35 1.18 0.00
NEG CENTRAL___SENECA 23627	27.09 0.19 0.00	24.34 0.05 0.00	21.92 0.09 0.00	21.34 0.00 0.00	21.14 0.06 0.00	23.44 0.12 0.00	27.59 0.27 0.00	30.27 0.12 0.00	29.52 0.00 0.00	24.54 -0.25 -0.07	27.68 -0.26 -1.82	27.15 -0.29 -1.06	28.56 -0.35 -2.10	29.05 -0.30 -2.27	29.00 -0.16 -2.24	31.67 -0.12 -2.42	37.91 -0.25 -2.86	48.49 -0.18 -3.56	53.31 0.30 -3.81	51.49 0.35 -1.34	44.91 0.36 0.00	40.97 0.37 0.00	34.61 0.38 0.00	30.84 0.66 0.00
NEG CENTRAL___STATE_STREET 24147	27.01 0.11 0.00	24.34 0.05 0.00	21.87 0.04 0.00	21.32 -0.02 0.00	21.09 0.02 0.00	23.34 0.02 0.00	27.46 0.14 0.00	30.18 0.03 0.00	29.49 -0.03 0.00	24.57 -0.15 0.00	25.99 -0.13 0.00	26.28 -0.11 0.00	26.67 -0.13 0.00	26.92 -0.16 0.00	26.87 -0.05 0.00	29.37 0.00 0.00	35.29 0.00 0.00	45.24 0.14 0.00	49.69 0.49 0.00	50.36 0.55 0.00	45.00 0.45 0.00	40.97 0.37 0.00	34.51 0.27 0.00	30.51 0.33 0.00
NEG MILLWOOD___DRP 24198	28.81 1.91 0.00	26.04 1.75 0.00	23.32 1.48 0.00	22.87 1.54 0.00	22.57 1.50 0.00	24.88 1.56 0.00	29.18 1.86 0.00	32.38 2.23 0.00	31.88 2.36 0.00	28.92 2.05 -2.16	29.14 2.19 -0.82	31.10 2.27 -2.45	32.93 2.36 -3.77	34.41 2.49 -4.85	33.61 2.58 -4.10	36.75 2.76 -4.62	45.29 3.46 -6.54	58.19 4.47 -8.63	61.59 4.87 -7.52	55.92 4.78 -1.33	48.74 4.19 0.00	44.09 3.49 0.00	37.11 2.88 0.00	32.53 2.35 0.00
NEG NORTH_FLCN_SEA 23793	26.04 -0.86 0.00	23.63 -0.66 0.00	21.26 -0.57 0.00	20.85 -0.49 0.00	20.55 -0.53 0.00	22.83 -0.49 0.00	26.77 -0.55 0.00	29.73 -0.42 0.00	28.93 -0.59 0.00	24.15 -0.57 0.00	25.39 -0.73 0.00	25.59 -0.79 0.00	26.03 -0.78 0.00	26.27 -0.81 0.00	26.01 -0.92 0.00	28.31 -1.06 0.00	33.95 -1.34 0.00	43.61 -1.49 0.00	47.43 -1.77 0.00	47.92 -1.89 0.00	42.77 -1.78 0.00	38.90 -1.71 0.00	32.73 -1.51 0.00	28.76 -1.42 0.00
NEG NORTH_KES_CHATEGAY 23792	25.88 -1.02 0.00	23.46 -0.83 0.00	21.11 -0.72 0.00	20.68 -0.66 0.00	20.40 -0.67 0.00	22.67 -0.65 0.00	26.58 -0.74 0.00	29.49 -0.66 0.00	28.66 -0.86 0.00	23.95 -0.77 0.00	25.18 -0.94 0.00	25.40 -0.98 0.00	25.82 -0.99 0.00	26.05 -1.03 0.00	25.79 -1.13 0.00	28.08 -1.29 0.00	33.74 -1.55 0.00	43.30 -1.80 0.00	47.13 -2.07 0.00	47.67 -2.14 0.00	42.55 -2.00 0.00	38.73 -1.87 0.00	32.59 -1.64 0.00	28.64 -1.54 0.00
NEG NORTH___ALICE_FALLS 23915	26.12 -0.78 0.00	23.76 -0.53 0.00	21.37 -0.46 0.00	20.93 -0.41 0.00	20.65 -0.42 0.00	22.95 -0.37 0.00	26.91 -0.41 0.00	29.91 -0.24 0.00	29.05 -0.47 0.00	24.25 -0.47 0.00	25.47 -0.65 0.00	25.67 -0.71 0.00	26.14 -0.67 0.00	26.40 -0.68 0.00	26.14 -0.78 0.00	28.43 -0.94 0.00	34.16 -1.13 0.00	43.97 -1.13 0.00	47.87 -1.33 0.00	48.36 -1.44 0.00	43.13 -1.43 0.00	39.26 -1.34 0.00	33.04 -1.20 0.00	28.97 -1.21 0.00
NEG NORTH___LWR_SARANAC 23913	26.12 -0.78 0.00	23.76 -0.53 0.00	21.37 -0.46 0.00	20.93 -0.41 0.00	20.65 -0.42 0.00	22.95 -0.37 0.00	26.91 -0.41 0.00	29.91 -0.24 0.00	29.05 -0.47 0.00	24.25 -0.47 0.00	25.47 -0.65 0.00	25.67 -0.71 0.00	26.14 -0.67 0.00	26.40 -0.68 0.00	26.14 -0.78 0.00	28.43 -0.94 0.00	34.16 -1.13 0.00	43.97 -1.13 0.00	47.87 -1.33 0.00	48.36 -1.44 0.00	43.13 -1.43 0.00	39.26 -1.34 0.00	33.04 -1.20 0.00	28.97 -1.21 0.00
NEG NORTH___PLATTSBURG 23628	26.12 -0.78 0.00	23.76 -0.53 0.00	21.37 -0.46 0.00	20.93 -0.41 0.00	20.65 -0.42 0.00	22.95 -0.37 0.00	26.91 -0.41 0.00	29.91 -0.24 0.00	29.05 -0.47 0.00	24.24 -0.47 0.00	25.47 -0.65 0.00	25.67 -0.71 0.00	26.09 -0.72 0.00	26.40 -0.68 0.00	26.14 -0.78 0.00	28.43 -0.94 0.00	34.16 -1.13 0.00	43.98 -1.13 0.00	47.87 -1.33 0.00	48.36 -1.45 0.00	43.12 -1.43 0.00	39.26 -1.34 0.00	33.03 -1.20 0.00	28.97 -1.21 0.00
NEG WEST_LEA_LOCKPORT 23791	26.12 -0.78 0.00	23.22 -1.07 0.00	21.09 -0.74 0.00	20.48 -0.85 0.00	20.25 -0.82 0.00	22.55 -0.77 0.00	26.42 -0.90 0.00	28.65 -1.51 0.00	28.04 -1.48 0.00	23.33 -1.46 -0.08	21.37 -1.41 3.34	23.10 -1.53 1.75	21.63 -1.61 3.57	21.75 -1.54 3.78	21.58 -1.53 3.81	23.67 -1.62 4.09	28.47 -2.08 4.74	36.27 -2.98 5.85	40.17 -2.61 6.42	44.59 -2.84 2.38	42.19 -2.36 0.00	38.33 -2.27 0.00	32.97 -1.27 0.00	30.06 -0.12 0.00
NEG WEST___LANCASTR 23811	26.41 -0.48 0.00	23.46 -0.83 0.00	21.31 -0.52 0.00	20.72 -0.62 0.00	20.50 -0.57 0.00	22.83 -0.49 0.00	26.83 -0.49 0.00	29.13 -1.03 0.00	28.61 -0.92 0.00	23.79 -1.01 -0.09	22.76 -1.88 1.48	23.65 -2.00 0.72	23.24 -2.06 1.51	23.47 -2.03 1.58	23.35 -1.97 1.61	25.56 -2.09 1.72	30.82 -2.51 1.96	39.04 -3.65 2.41	43.11 -3.39 2.70	45.28 -3.49 1.04	43.04 -1.51 0.00	39.10 -1.50 0.00	33.48 -0.75 0.00	30.45 0.27 0.00
NEG_PENN_ALLEGHNY 23528	27.28 0.38 0.00	24.56 0.27 0.00	22.11 0.28 0.00	21.55 0.21 0.00	21.35 0.27 0.00	23.58 0.26 0.00	27.70 0.38 0.00	30.45 0.30 0.00	29.79 0.27 0.00	25.00 0.10 -0.18	26.72 0.00 -0.60	26.87 0.00 -0.49	27.68 -0.03 -0.90	28.08 -0.03 -1.03	27.40 0.14 -0.34	29.93 0.18 -0.38	36.08 0.25 -0.54	46.14 0.32 -0.72	50.47 0.64 -0.63	50.57 0.65 -0.11	45.31 0.76 0.00	41.21 0.61 0.00	34.81 0.58 0.00	30.90 0.72 0.00
NEG___GEN_MONROE 24207	26.82 -0.08 0.00	24.05 -0.24 0.00	21.70 -0.13 0.00	21.06 -0.28 0.00	20.84 -0.23 0.00	23.16 -0.16 0.00	27.16 -0.16 0.00	29.73 -0.42 0.00	29.02 -0.50 0.00	24.12 -0.59 0.00	25.78 -0.34 0.00	25.99 -0.40 0.00	26.35 -0.46 0.00	26.73 -0.35 0.00	26.63 -0.30 0.00	29.10 -0.26 0.00	34.76 -0.53 0.00	44.34 -0.77 0.00	48.91 -0.30 0.00	49.56 -0.25 0.00	44.28 -0.27 0.00	40.28 -0.32 0.00	34.27 0.03 0.00	30.90 0.72 0.00
NEPA___ENERGY 23901	26.74 -0.16 0.00	23.78 -0.51 0.00	21.57 -0.26 0.00	20.98 -0.36 0.00	20.76 -0.32 0.00	23.13 -0.19 0.00	27.18 -0.14 0.00	29.52 -0.63 0.00	28.99 -0.53 0.00	24.11 -0.69 -0.09	23.55 -0.97 1.60	24.49 -1.11 0.79	24.02 -1.15 1.64	24.23 -1.14 1.71	24.07 -1.10 1.75	26.35 -1.15 1.87	31.74 -1.41 2.14	40.31 -2.16 2.63	44.50 -1.77 2.93	46.84 -1.84 1.12	43.53 -1.02 0.00	39.55 -1.06 0.00	33.79 -0.45 0.00	30.72 0.54 0.00

NEVERSINK___HYD 23608	28.59 1.70 0.00	25.85 1.56 0.00	23.12 1.29 0.00	22.66 1.32 0.00	22.36 1.29 0.00	24.70 1.38 0.00	29.02 1.69 0.00	32.11 1.96 0.00	31.50 1.98 0.00	28.00 1.70 -1.58	28.60 1.78 -0.70	30.18 1.85 -1.95	31.57 1.93 -2.83	32.69 2.06 -3.56	32.20 2.15 -3.13	35.15 2.35 -3.43	42.95 2.96 -4.69	55.17 3.88 -6.19	58.97 4.38 -5.39	55.15 4.38 -0.95	48.29 3.74 0.00	43.81 3.21 0.00	36.91 2.67 0.00	32.38 2.20 0.00
NEWKRMKL_115KV_TB1 55635	27.63 0.73 0.00	24.99 0.70 0.00	22.42 0.59 0.00	21.91 0.58 0.00	21.62 0.55 0.00	23.83 0.51 0.00	27.81 0.49 0.00	30.76 0.60 0.00	30.17 0.65 0.00	24.92 0.59 0.39	26.62 0.71 0.20	26.60 0.74 0.52	26.87 0.78 0.71	27.02 0.81 0.87	27.01 0.89 0.80	29.43 0.91 0.85	35.20 1.02 1.11	44.80 1.17 1.47	49.10 1.18 1.28	50.78 1.20 0.23	45.75 1.20 0.00	41.66 1.06 0.00	35.05 0.82 0.00	30.84 0.66 0.00
NEWTON___FALLS_HYD 23847	26.71 -0.19 0.00	24.17 -0.12 0.00	21.61 -0.22 0.00	21.19 -0.15 0.00	20.91 -0.17 0.00	23.25 -0.07 0.00	27.16 -0.16 0.00	30.00 -0.15 0.00	29.14 -0.38 0.00	24.12 -0.59 0.00	25.44 -0.68 0.00	25.70 -0.69 0.00	26.11 -0.70 0.00	26.32 -0.76 0.00	26.22 -0.70 0.00	28.61 -0.76 0.00	34.48 -0.81 0.00	44.24 -0.86 0.00	48.66 -0.54 0.00	49.61 -0.20 0.00	44.42 -0.13 0.00	40.68 0.08 0.00	34.37 0.14 0.00	30.18 0.00 0.00
NGRID_A1_DSASP 323792	25.66 -1.24 0.00	22.81 -1.48 0.00	20.72 -1.11 0.00	20.04 -1.30 0.00	19.91 -1.16 0.00	22.15 -1.17 0.00	25.80 -1.50 0.02	27.96 -2.17 0.02	27.61 -1.89 0.02	22.92 -1.85 -0.06	21.59 -1.78 2.75	22.99 -1.95 1.44	21.90 -1.98 2.92	22.03 -1.95 3.09	21.81 -1.99 3.12	23.91 -2.11 3.35	28.74 -2.68 3.87	36.50 -3.83 4.77	40.42 -3.54 5.24	44.25 -3.59 1.97	41.50 -3.03 0.02	37.74 -2.84 0.02	32.47 -1.74 0.02	29.61 -0.54 0.02
NGRID_A2_DSASP 323793	25.66 -1.24 0.00	22.81 -1.48 0.00	20.72 -1.11 0.00	20.04 -1.30 0.00	19.91 -1.16 0.00	22.15 -1.17 0.00	25.80 -1.50 0.02	27.96 -2.17 0.02	27.61 -1.89 0.02	22.92 -1.85 -0.06	21.59 -1.78 2.75	22.99 -1.95 1.44	21.90 -1.98 2.92	22.03 -1.95 3.09	21.81 -1.99 3.12	23.91 -2.11 3.35	28.74 -2.68 3.87	36.50 -3.83 4.77	40.42 -3.54 5.24	44.25 -3.59 1.97	41.50 -3.03 0.02	37.74 -2.84 0.02	32.47 -1.74 0.02	29.61 -0.54 0.02
NGRID_A4_DSASP 323807	25.66 -1.24 0.00	22.81 -1.48 0.00	20.72 -1.11 0.00	20.04 -1.30 0.00	19.91 -1.16 0.00	22.15 -1.17 0.00	25.80 -1.50 0.02	27.96 -2.17 0.02	27.61 -1.89 0.02	22.92 -1.85 -0.06	21.59 -1.78 2.75	22.99 -1.95 1.44	21.90 -1.98 2.92	22.03 -1.95 3.09	21.81 -1.99 3.12	23.91 -2.11 3.35	28.74 -2.68 3.87	36.50 -3.83 4.77	40.42 -3.54 5.24	44.25 -3.59 1.97	41.50 -3.03 0.02	37.74 -2.84 0.02	32.47 -1.74 0.02	29.61 -0.54 0.02
NIAGARA_115E_LBMP 323715	25.66 -1.24 0.00	22.81 -1.48 0.00	20.74 -1.09 0.00	20.06 -1.28 0.00	19.91 -1.16 0.00	22.15 -1.17 0.00	25.80 -1.53 -0.01	27.96 -2.20 -0.01	27.64 -1.89 -0.01	22.95 -1.85 -0.08	21.84 -1.78 2.50	23.14 -1.95 1.29	22.15 -2.01 2.64	22.31 -1.98 2.79	22.11 -1.99 2.82	24.23 -2.11 3.03	29.11 -2.68 3.50	36.95 -3.83 4.32	40.90 -3.54 4.75	44.45 -3.59 1.78	41.53 -3.03 -0.01	37.76 -2.84 -0.01	32.49 -1.74 -0.01	29.67 -0.51 -0.01
NIAGARA_115W_LBMP 323714	25.55 -1.34 0.00	22.71 -1.58 0.00	20.63 -1.20 0.00	19.95 -1.39 0.00	19.83 -1.24 0.00	22.04 -1.28 0.00	25.66 -1.64 0.02	27.81 -2.32 0.02	27.49 -2.01 0.02	22.79 -1.98 -0.06	21.46 -1.91 2.75	22.86 -2.08 1.44	21.77 -2.12 2.92	21.90 -2.08 3.09	21.70 -2.10 3.12	23.79 -2.23 3.35	28.57 -2.86 3.87	36.32 -4.01 4.77	40.17 -3.79 5.24	44.01 -3.83 1.97	41.32 -3.21 0.02	37.58 -3.00 0.02	32.30 -1.92 0.02	29.49 -0.66 0.02
NIAGARA_230_LBMP 323716	26.01 -0.89 0.00	23.08 -1.21 0.00	20.96 -0.87 0.00	20.27 -1.07 0.00	20.15 -0.93 0.00	22.39 -0.93 0.00	26.15 -1.17 0.00	28.37 -1.78 0.00	28.02 -1.50 0.00	23.26 -1.53 -0.08	22.00 -1.39 2.73	23.40 -1.56 1.42	22.32 -1.58 2.90	22.43 -1.57 3.07	22.23 -1.59 3.10	24.37 -1.67 3.33	29.26 -2.19 3.85	37.20 -3.16 4.75	41.12 -2.85 5.22	44.92 -2.94 1.95	42.01 -2.54 0.00	38.21 -2.40 0.00	32.83 -1.41 0.00	29.97 -0.21 0.00
NIAGARA___115KV_198_GIBSON 55903	25.55 -1.34 0.00	22.71 -1.58 0.00	20.63 -1.20 0.00	20.06 -1.28 0.00	19.83 -1.24 0.00	22.08 -1.24 0.00	25.83 -1.48 0.02	27.93 -2.20 0.02	27.40 -2.10 0.02	22.82 -1.95 -0.06	21.43 -1.93 2.75	22.88 -2.06 1.44	21.77 -2.12 2.92	21.90 -2.08 3.09	21.70 -2.10 3.12	23.79 -2.23 3.35	28.57 -2.86 3.87	36.32 -4.01 4.77	40.17 -3.79 5.24	44.06 -3.79 1.96	41.32 -3.21 0.02	37.54 -3.05 0.02	32.30 -1.92 0.02	29.49 -0.66 0.02
NIAGARA____ 23760	26.01 -0.89 0.00	23.08 -1.21 0.00	20.96 -0.87 0.00	20.27 -1.07 0.00	20.15 -0.93 0.00	22.39 -0.93 0.00	26.14 -1.17 0.01	28.37 -1.78 0.00	28.01 -1.50 0.00	23.25 -1.53 -0.07	22.06 -1.39 2.67	23.43 -1.56 1.39	22.39 -1.58 2.84	22.50 -1.57 3.00	22.30 -1.59 3.04	24.44 -1.67 3.26	29.33 -2.19 3.77	37.28 -3.16 4.66	41.21 -2.85 5.14	44.95 -2.94 1.92	42.01 -2.54 0.00	38.20 -2.40 0.00	32.82 -1.41 0.01	29.96 -0.21 0.01
NINE_MILE_1 23575	26.28 -0.62 0.00	23.71 -0.58 0.00	21.33 -0.50 0.00	20.81 -0.53 0.00	20.57 -0.51 0.00	22.74 -0.58 0.00	26.67 -0.66 0.00	29.34 -0.81 0.00	28.72 -0.80 0.00	24.02 -0.69 0.00	25.42 -0.70 0.00	25.67 -0.71 0.00	26.09 -0.72 0.00	26.24 -0.84 0.00	26.14 -0.78 0.00	28.52 -0.85 0.00	34.27 -1.02 0.00	43.79 -1.31 0.00	47.87 -1.33 0.00	48.51 -1.30 0.00	43.35 -1.20 0.00	39.51 -1.09 0.00	33.31 -0.92 0.00	29.45 -0.72 0.00
NINE_MILE_2 23744	26.28 -0.62 0.00	23.71 -0.58 0.00	21.33 -0.50 0.00	20.81 -0.53 0.00	20.57 -0.51 0.00	22.74 -0.58 0.00	26.67 -0.66 0.00	29.34 -0.81 0.00	28.72 -0.80 0.00	24.02 -0.69 0.00	25.42 -0.70 0.00	25.67 -0.71 0.00	26.09 -0.72 0.00	26.24 -0.84 0.00	26.14 -0.78 0.00	28.52 -0.85 0.00	34.27 -1.02 0.00	43.79 -1.31 0.00	47.87 -1.33 0.00	48.51 -1.30 0.00	43.35 -1.20 0.00	39.51 -1.09 0.00	33.31 -0.92 0.00	29.45 -0.72 0.00
NM_CAPITAL___DRP 24208	27.71 0.81 0.00	25.07 0.78 0.00	22.49 0.65 0.00	21.98 0.64 0.00	21.71 0.63 0.00	23.90 0.58 0.00	27.90 0.57 0.00	30.85 0.69 0.00	30.26 0.74 0.00	25.01 0.69 0.40	26.70 0.78 0.21	26.66 0.82 0.54	26.94 0.86 0.73	27.08 0.89 0.89	27.07 0.97 0.82	29.49 1.00 0.87	35.27 1.13 1.15	44.90 1.31 1.51	49.21 1.33 1.32	50.92 1.34 0.23	45.89 1.34 0.00	41.78 1.18 0.00	35.16 0.92 0.00	30.93 0.75 0.00
NM_CENTRAL___DRP 24181	26.93 0.03 0.00	24.29 0.00 0.00	21.83 0.00 0.00	21.30 -0.04 0.00	21.07 0.00 0.00	23.30 -0.02 0.00	27.38 0.05 0.00	30.09 -0.06 0.00	29.43 -0.09 0.00	24.59 -0.12 0.00	26.01 -0.10 0.00	26.28 -0.11 0.00	26.67 -0.13 0.00	26.92 -0.16 0.00	26.87 -0.05 0.00	29.34 -0.03 0.00	35.29 0.00 0.00	45.15 0.05 0.00	49.45 0.25 0.00	50.06 0.25 0.00	44.77 0.22 0.00	40.77 0.16 0.00	34.34 0.10 0.00	30.33 0.15 0.00

NM_FRONTIER___DRP 24179	25.55 -1.34 0.00	22.71 -1.58 0.00	20.63 -1.20 0.00	20.06 -1.28 0.00	19.83 -1.24 0.00	22.08 -1.24 0.00	25.83 -1.48 0.02	27.93 -2.20 0.02	27.40 -2.10 0.02	22.82 -1.95 -0.06	21.43 -1.93 2.75	22.88 -2.06 1.44	21.77 -2.12 2.92	21.90 -2.08 3.09	21.70 -2.10 3.12	23.79 -2.23 3.35	28.57 -2.86 3.87	36.32 -4.01 4.77	40.17 -3.79 5.24	44.06 -3.79 1.96	41.32 -3.21 0.02	37.54 -3.05 0.02	32.30 -1.92 0.02	29.49 -0.66 0.02
NM_ST_REGIS___HYD 24053	26.12 -0.78 0.00	23.73 -0.56 0.00	21.35 -0.48 0.00	20.93 -0.41 0.00	20.63 -0.44 0.00	22.95 -0.37 0.00	26.91 -0.41 0.00	29.91 -0.24 0.00	29.08 -0.44 0.00	24.29 -0.42 0.00	25.49 -0.63 0.00	25.72 -0.66 0.00	26.16 -0.64 0.00	26.43 -0.65 0.00	26.17 -0.75 0.00	28.46 -0.91 0.00	34.20 -1.09 0.00	43.93 -1.17 0.00	47.87 -1.33 0.00	48.36 -1.44 0.00	43.13 -1.43 0.00	39.30 -1.30 0.00	33.04 -1.20 0.00	29.00 -1.18 0.00
NORTHPORT___1 23551	31.94 2.39 -2.65	26.34 2.01 -0.04	23.63 1.75 -0.05	23.20 1.81 -0.04	22.94 1.81 -0.05	25.22 1.87 -0.03	29.52 2.19 -0.02	33.76 2.56 -1.05	32.27 2.60 -0.15	31.83 2.35 -4.76	37.51 2.38 -9.02	36.80 2.66 -7.76	38.91 2.65 -9.45	39.94 2.71 -10.16	40.72 2.67 -11.13	42.49 2.53 -10.60	53.62 2.72 -15.61	80.76 3.70 -31.96	66.94 3.79 -13.95	57.36 3.99 -3.57	50.60 3.57 -2.49	43.62 3.00 -0.01	39.58 3.15 -2.20	37.00 2.62 -4.20
NORTHPORT___2 23552	31.94 2.39 -2.65	26.34 2.01 -0.04	23.63 1.75 -0.05	23.20 1.81 -0.04	22.94 1.81 -0.05	25.22 1.87 -0.03	29.52 2.19 -0.02	33.76 2.56 -1.05	32.27 2.60 -0.15	31.83 2.35 -4.76	37.51 2.38 -9.02	36.80 2.66 -7.76	38.91 2.65 -9.45	39.94 2.71 -10.16	40.72 2.67 -11.13	42.49 2.53 -10.60	53.62 2.72 -15.61	80.76 3.70 -31.96	66.94 3.79 -13.95	57.36 3.99 -3.57	50.60 3.57 -2.49	43.62 3.00 -0.01	39.58 3.15 -2.20	37.00 2.62 -4.20
NORTHPORT___3 23553	31.67 2.10 -2.68	26.67 2.31 -0.07	23.99 2.05 -0.11	23.55 2.11 -0.10	23.32 2.13 -0.12	25.56 2.17 -0.07	29.91 2.57 -0.02	34.24 2.96 -1.13	32.77 3.01 -0.24	32.36 2.72 -4.93	38.23 3.00 -9.11	36.72 2.51 -7.83	38.87 2.55 -9.51	39.88 2.60 -10.20	40.61 2.48 -11.21	42.32 2.29 -10.66	54.10 3.14 -15.67	80.63 3.38 -32.15	66.72 3.59 -13.93	56.91 3.54 -3.56	50.35 3.30 -2.50	43.62 3.00 -0.01	39.37 2.94 -2.19	36.86 2.44 -4.24
NORTHPORT___4 23650	31.67 2.10 -2.68	26.67 2.31 -0.07	23.99 2.05 -0.11	23.55 2.11 -0.10	23.32 2.13 -0.12	25.56 2.17 -0.07	29.91 2.57 -0.02	34.24 2.96 -1.13	32.77 3.01 -0.24	32.36 2.72 -4.93	38.23 3.00 -9.11	36.72 2.51 -7.83	38.87 2.55 -9.51	39.88 2.60 -10.20	40.61 2.48 -11.21	42.32 2.29 -10.66	54.10 3.14 -15.67	80.63 3.38 -32.15	66.72 3.59 -13.93	56.91 3.54 -3.56	50.35 3.30 -2.50	43.62 3.00 -0.01	39.37 2.94 -2.19	36.86 2.44 -4.24
NORTHPORT___IC 23718	31.94 2.39 -2.65	26.34 2.02 -0.04	23.62 1.75 -0.05	23.17 1.79 -0.04	22.94 1.81 -0.05	25.20 1.84 -0.03	29.52 2.19 -0.02	33.79 2.59 -1.05	32.38 2.72 -0.15	31.87 2.40 -4.76	37.67 2.53 -9.02	36.88 2.74 -7.76	38.97 2.71 -9.45	40.00 2.76 -10.16	40.72 2.67 -11.13	42.52 2.56 -10.60	53.59 2.68 -15.61	80.67 3.61 -31.96	66.89 3.74 -13.95	57.36 3.98 -3.57	50.60 3.56 -2.49	43.74 3.13 -0.01	39.59 3.15 -2.20	36.98 2.60 -4.20
NORTH___COUNTRY_ESR 323785	25.82 -1.08 0.00	23.42 -0.87 0.00	21.07 -0.76 0.00	20.65 -0.68 0.00	20.36 -0.72 0.00	22.62 -0.70 0.00	26.53 -0.79 0.00	29.43 -0.72 0.00	28.64 -0.88 0.00	23.92 -0.79 0.00	25.15 -0.97 0.00	25.38 -1.00 0.00	25.79 -1.02 0.00	26.02 -1.06 0.00	25.76 -1.16 0.00	28.08 -1.29 0.00	33.67 -1.62 0.00	43.21 -1.89 0.00	47.04 -2.16 0.00	47.52 -2.29 0.00	42.46 -2.09 0.00	38.65 -1.95 0.00	32.52 -1.71 0.00	28.58 -1.60 0.00
NPX_GEN_1385_PROXY 323591	31.94 2.39 -2.65	26.44 2.11 -0.04	23.71 1.83 -0.05	23.26 1.88 -0.04	23.00 1.87 -0.05	25.29 1.93 -0.03	29.52 2.19 -0.02	33.70 2.50 -1.05	32.03 2.36 -0.15	31.58 2.10 -4.76	34.10 1.91 -6.08	34.50 2.19 -5.93	35.35 2.17 -6.37	37.34 2.25 -8.02	38.50 2.18 -9.40	41.40 2.00 -10.03	46.50 2.08 -9.13	55.80 2.89 -7.81	59.47 2.90 -7.37	56.66 3.29 -3.57	50.42 3.38 -2.49	43.62 3.00 -0.01	39.18 2.74 -2.20	36.67 2.29 -4.20
NPX_GEN_CSC 323557	32.09 2.50 -2.69	28.62 2.48 -1.85	26.67 2.18 -2.66	25.99 2.24 -2.41	26.29 2.26 -2.96	27.44 2.33 -1.79	30.66 2.73 -0.61	37.67 3.08 -4.44	36.74 3.10 -4.12	38.17 2.79 -10.66	38.28 2.85 -9.31	36.97 2.72 -7.87	38.93 2.57 -9.54	40.01 2.71 -10.23	40.79 2.61 -11.26	42.73 2.67 -10.69	54.14 3.07 -15.78	81.36 4.01 -32.25	68.09 4.23 -14.66	57.91 4.28 -3.81	50.98 3.83 -2.59	43.98 3.37 -0.01	39.86 3.01 -2.61	36.85 2.42 -4.26
NSINS_S_GLNS_FALLS 23858	28.94 2.04 0.00	26.09 1.80 0.00	23.36 1.53 0.00	22.79 1.45 0.00	22.51 1.43 0.00	24.95 1.63 0.00	29.15 1.83 0.00	32.11 1.96 0.00	31.44 1.92 0.00	25.83 1.48 0.37	27.52 1.59 0.19	27.52 1.64 0.50	27.60 1.47 0.68	27.81 1.57 0.84	27.80 1.64 0.76	30.34 1.79 0.82	35.70 1.48 1.07	45.54 1.85 1.42	50.48 2.51 1.23	52.23 2.64 0.22	47.45 2.90 0.00	43.12 2.52 0.00	36.29 2.05 0.00	31.81 1.63 0.00
NUCOR_STEEL___DRP 24197	27.01 0.11 0.00	24.36 0.07 0.00	21.92 0.09 0.00	21.36 0.02 0.00	21.14 0.06 0.00	23.37 0.05 0.00	27.46 0.14 0.00	30.18 0.03 0.00	29.46 -0.06 0.00	24.57 -0.15 0.00	25.99 -0.13 0.00	26.25 -0.13 0.00	26.65 -0.16 0.00	26.89 -0.19 0.00	26.84 -0.08 0.00	29.31 -0.06 0.00	35.26 -0.04 0.00	45.19 0.09 0.00	49.55 0.34 0.00	50.26 0.45 0.00	44.91 0.36 0.00	40.89 0.28 0.00	34.47 0.24 0.00	30.51 0.33 0.00
NUMBER_THREE_WT_PWR 323818	27.09 0.19 0.00	24.48 0.19 0.00	21.90 0.07 0.00	21.45 0.11 0.00	21.18 0.11 0.00	23.55 0.23 0.00	27.51 0.19 0.00	30.36 0.21 0.00	29.55 0.03 0.00	24.42 -0.30 0.00	25.78 -0.34 0.00	26.07 -0.32 0.00	26.46 -0.35 0.00	26.67 -0.41 0.00	26.60 -0.32 0.00	29.08 -0.29 0.00	35.19 -0.11 0.00	45.15 0.05 0.00	49.79 0.59 0.00	50.75 0.94 0.00	45.44 0.89 0.00	41.49 0.89 0.00	34.88 0.65 0.00	30.54 0.36 0.00
NYISO_LBMP_REFERENCE 24008	26.90 0.00 0.00	24.29 0.00 0.00	21.83 0.00 0.00	21.34 0.00 0.00	21.07 0.00 0.00	23.32 0.00 0.00	27.32 0.00 0.00	30.15 0.00 0.00	29.52 0.00 0.00	24.72 0.00 0.00	26.12 0.00 0.00	26.38 0.00 0.00	26.81 0.00 0.00	27.08 0.00 0.00	26.92 0.00 0.00	29.37 0.00 0.00	35.29 0.00 0.00	45.10 0.00 0.00	49.20 0.00 0.00	49.81 0.00 0.00	44.55 0.00 0.00	40.60 0.00 0.00	34.23 0.00 0.00	30.18 0.00 0.00
NYPA_BRENTWD____GT 24164	32.35 2.72 -2.73	27.13 2.41 -0.43	24.55 2.10 -0.62	24.04 2.13 -0.56	23.89 2.13 -0.69	25.96 2.22 -0.42	30.12 2.65 -0.15	35.02 3.04 -1.82	33.64 3.10 -1.02	33.61 2.77 -6.12	38.38 2.90 -9.36	37.45 3.06 -8.01	39.49 3.03 -9.66	40.53 3.14 -10.31	41.42 3.09 -11.41	43.28 3.11 -10.80	54.55 3.42 -15.83	82.20 4.51 -32.59	69.30 4.72 -15.38	58.81 4.88 -4.12	51.63 4.50 -2.58	44.51 3.90 -0.01	41.05 3.70 -3.12	37.56 3.05 -4.33

NYPA_GOWANUS____GT5 24156	29.19 2.29 -0.01	26.36 2.06 -0.01	23.59 1.75 -0.01	23.10 1.75 -0.01	22.81 1.73 -0.01	25.05 1.73 0.00	29.40 2.08 0.00	32.59 2.44 0.00	32.12 2.60 0.00	30.94 2.45 -3.78	32.23 2.53 -3.58	36.58 2.59 -7.61	37.46 2.63 -8.03	38.39 2.79 -8.52	39.33 2.80 -9.60	41.33 2.94 -9.03	47.90 3.56 -9.04	61.45 4.42 -11.92	64.21 4.62 -10.39	56.22 4.58 -1.84	48.43 3.87 0.00	43.97 3.37 0.00	37.55 3.32 0.00	33.05 2.87 0.00
NYPA_GOWANUS____GT6 24157	29.19 2.29 -0.01	26.36 2.06 -0.01	23.59 1.75 -0.01	23.10 1.75 -0.01	22.81 1.73 -0.01	25.05 1.73 0.00	29.40 2.08 0.00	32.59 2.44 0.00	32.12 2.60 0.00	30.94 2.45 -3.78	32.23 2.53 -3.58	36.58 2.59 -7.61	37.46 2.63 -8.03	38.39 2.79 -8.52	39.33 2.80 -9.60	41.33 2.94 -9.03	47.90 3.56 -9.04	61.45 4.42 -11.92	64.21 4.62 -10.39	56.22 4.58 -1.84	48.43 3.87 0.00	43.97 3.37 0.00	37.55 3.32 0.00	33.05 2.87 0.00
NYPA_HARLEM__RVR__GT1 24160	29.08 2.18 -0.01	26.29 1.99 -0.01	23.54 1.70 -0.01	23.14 1.79 -0.01	22.85 1.77 -0.01	25.00 1.68 0.00	29.29 1.97 0.00	32.41 2.26 0.01	31.93 2.42 0.01	30.55 2.35 -3.49	32.74 2.48 -4.13	34.96 2.53 -6.04	38.02 2.55 -8.66	37.63 2.71 -7.85	37.81 2.75 -8.14	40.23 2.82 -8.04	47.61 3.28 -9.04	60.99 3.97 -11.91	63.76 4.18 -10.38	55.87 4.23 -1.83	47.97 3.43 0.01	43.85 3.25 0.00	37.53 3.29 -0.01	32.99 2.81 -0.01
NYPA_HARLEM__RVR__GT2 24161	29.08 2.18 -0.01	26.29 1.99 -0.01	23.54 1.70 -0.01	23.14 1.79 -0.01	22.85 1.77 -0.01	25.00 1.68 0.00	29.29 1.97 0.00	32.41 2.26 0.01	31.93 2.42 0.01	30.55 2.35 -3.49	32.74 2.48 -4.13	34.96 2.53 -6.04	38.02 2.55 -8.66	37.63 2.71 -7.85	37.81 2.75 -8.14	40.23 2.82 -8.04	47.61 3.28 -9.04	60.99 3.97 -11.91	63.76 4.18 -10.38	55.87 4.23 -1.83	47.97 3.43 0.01	43.85 3.25 0.00	37.53 3.29 -0.01	32.99 2.81 -0.01
NYPA_KENT____GT 24152	29.11 2.21 -0.01	26.29 1.99 -0.01	23.54 1.70 -0.01	23.07 1.73 -0.01	22.79 1.71 -0.01	25.05 1.73 0.00	29.40 2.08 0.00	32.59 2.44 0.00	32.12 2.60 0.00	30.92 2.42 -3.78	32.23 2.53 -3.58	36.58 2.59 -7.61	37.46 2.63 -8.03	38.36 2.76 -8.52	39.33 2.80 -9.60	41.30 2.91 -9.03	47.86 3.53 -9.04	61.36 4.33 -11.92	64.11 4.52 -10.39	56.18 4.53 -1.84	48.34 3.78 0.00	43.93 3.33 0.00	37.49 3.25 0.00	32.98 2.81 0.00
NYPA_POUCH1____GT 24155	29.14 2.23 -0.01	26.31 2.01 -0.01	23.54 1.70 -0.01	23.05 1.71 -0.01	22.77 1.69 -0.01	25.00 1.68 0.00	29.31 1.99 0.00	32.51 2.35 0.00	32.00 2.48 0.00	30.83 2.37 -3.75	31.98 2.40 -3.46	36.22 2.45 -7.39	37.18 2.49 -7.88	38.13 2.63 -8.43	38.89 2.67 -9.30	40.98 2.79 -8.82	47.72 3.39 -9.04	61.22 4.20 -11.92	63.97 4.38 -10.39	56.03 4.38 -1.84	48.21 3.65 0.00	43.77 3.17 0.00	37.49 3.25 0.00	32.98 2.81 0.00
NYPA_VERNON____GT2 24162	29.06 2.15 -0.01	26.24 1.94 -0.01	23.50 1.66 -0.01	23.06 1.71 -0.01	22.77 1.69 -0.01	25.02 1.70 0.00	29.40 2.08 0.00	32.59 2.44 0.00	32.12 2.60 0.00	30.92 2.42 -3.78	32.23 2.53 -3.58	36.58 2.59 -7.61	37.46 2.63 -8.03	38.36 2.76 -8.52	39.33 2.80 -9.60	41.30 2.91 -9.03	47.83 3.49 -9.04	61.31 4.29 -11.92	64.07 4.48 -10.39	56.13 4.48 -1.84	48.29 3.74 0.00	43.89 3.29 0.00	37.42 3.18 0.00	32.89 2.72 0.00
NYPA_VERNON____GT3 24163	29.06 2.15 -0.01	26.24 1.94 -0.01	23.50 1.66 -0.01	23.06 1.71 -0.01	22.77 1.69 -0.01	25.02 1.70 0.00	29.40 2.08 0.00	32.59 2.44 0.00	32.12 2.60 0.00	30.92 2.42 -3.78	32.23 2.53 -3.58	36.58 2.59 -7.61	37.46 2.63 -8.03	38.36 2.76 -8.52	39.33 2.80 -9.60	41.30 2.91 -9.03	47.83 3.49 -9.04	61.31 4.29 -11.92	64.07 4.48 -10.39	56.13 4.48 -1.84	48.29 3.74 0.00	43.89 3.29 0.00	37.42 3.18 0.00	32.89 2.72 0.00
NYPA____ASTORIA_CC1 323568	29.03 2.12 -0.01	26.24 1.94 -0.01	23.50 1.66 -0.01	23.03 1.69 -0.01	22.77 1.69 -0.01	25.00 1.68 0.00	29.34 2.02 0.00	32.53 2.38 0.00	32.06 2.54 0.00	30.87 2.37 -3.78	32.18 2.48 -3.58	36.53 2.53 -7.61	37.38 2.55 -8.03	38.31 2.71 -8.52	39.27 2.75 -9.60	41.21 2.82 -9.03	47.72 3.39 -9.04	61.16 4.15 -11.91	63.86 4.28 -10.38	55.97 4.33 -1.83	48.16 3.61 0.00	43.81 3.21 0.00	37.38 3.15 0.00	32.86 2.68 0.00
NYPA____ASTORIA_CC2 323569	29.03 2.12 -0.01	26.24 1.94 -0.01	23.50 1.66 -0.01	23.03 1.69 -0.01	22.77 1.69 -0.01	25.00 1.68 0.00	29.34 2.02 0.00	32.53 2.38 0.00	32.06 2.54 0.00	30.87 2.37 -3.78	32.18 2.48 -3.58	36.53 2.53 -7.61	37.38 2.55 -8.03	38.31 2.71 -8.52	39.27 2.75 -9.60	41.21 2.82 -9.03	47.72 3.39 -9.04	61.16 4.15 -11.91	63.86 4.28 -10.38	55.97 4.33 -1.83	48.16 3.61 0.00	43.81 3.21 0.00	37.38 3.15 0.00	32.86 2.68 0.00
NYPA____HOLTSVILL 23794	32.14 2.56 -2.69	28.44 2.33 -1.82	26.49 2.05 -2.61	25.80 2.09 -2.37	26.09 2.11 -2.91	27.25 2.17 -1.76	30.48 2.57 -0.60	37.49 2.96 -4.38	36.58 3.01 -4.05	37.96 2.69 -10.55	38.24 2.82 -9.30	37.12 2.88 -7.86	39.11 2.76 -9.54	40.17 2.87 -10.22	40.99 2.83 -11.25	42.90 2.85 -10.68	54.30 3.24 -15.77	81.47 4.15 -32.22	68.18 4.38 -14.60	58.08 4.48 -3.79	51.19 4.05 -2.59	44.14 3.53 -0.01	40.13 3.32 -2.58	37.12 2.68 -4.26
NYPA____HELLGATE_GT1 24158	29.08 2.18 -0.01	26.29 1.99 -0.01	23.54 1.70 -0.01	23.14 1.79 -0.01	22.85 1.77 -0.01	25.00 1.68 0.00	29.29 1.97 0.00	32.41 2.26 0.01	31.93 2.42 0.01	31.03 2.35 -3.97	31.28 2.48 -2.67	37.48 2.53 -8.56	36.34 2.55 -6.98	38.72 2.71 -8.94	40.16 2.75 -10.49	41.81 2.82 -9.62	47.61 3.28 -9.04	60.99 3.97 -11.91	63.76 4.18 -10.38	55.87 4.23 -1.83	47.97 3.43 0.01	43.85 3.25 0.00	37.53 3.29 -0.01	32.99 2.81 -0.01
NYPA____HELLGATE_GT2 24159	29.08 2.18 -0.01	26.29 1.99 -0.01	23.54 1.70 -0.01	23.14 1.79 -0.01	22.85 1.77 -0.01	25.00 1.68 0.00	29.29 1.97 0.00	32.41 2.26 0.01	31.93 2.42 0.01	31.03 2.35 -3.97	31.28 2.48 -2.67	37.48 2.53 -8.56	36.34 2.55 -6.98	38.72 2.71 -8.94	40.16 2.75 -10.49	41.81 2.82 -9.62	47.61 3.28 -9.04	60.99 3.97 -11.91	63.76 4.18 -10.38	55.87 4.23 -1.83	47.97 3.43 0.01	43.85 3.25 0.00	37.53 3.29 -0.01	32.99 2.81 -0.01
NYS_BARGE____HYD 23848	26.12 -0.78 0.00	23.22 -1.07 0.00	21.09 -0.74 0.00	20.40 -0.94 0.00	20.27 -0.80 0.00	22.53 -0.79 0.00	26.28 -1.04 0.00	28.52 -1.63 0.00	28.16 -1.36 0.00	23.33 -1.46 -0.08	21.99 -1.36 2.77	23.41 -1.53 1.44	22.31 -1.56 2.95	22.44 -1.52 3.12	22.27 -1.51 3.15	24.41 -1.59 3.37	29.38 -2.01 3.90	37.35 -2.93 4.82	41.34 -2.56 5.30	45.05 -2.79 1.97	42.23 -2.32 0.00	38.41 -2.19 0.00	33.00 -1.23 0.00	30.09 -0.09 0.00
OAK ORCHARD____HYD 24046	26.66 -0.24 0.00	23.90 -0.39 0.00	21.59 -0.24 0.00	20.93 -0.41 0.00	20.76 -0.32 0.00	23.02 -0.30 0.00	26.94 -0.38 0.00	29.58 -0.57 0.00	29.05 -0.47 0.00	24.10 -0.62 0.00	25.78 -0.34 0.00	25.96 -0.42 0.00	26.35 -0.46 0.00	26.70 -0.38 0.00	26.60 -0.32 0.00	29.05 -0.32 0.00	34.80 -0.49 0.00	44.33 -0.77 0.00	48.81 -0.40 0.00	49.41 -0.40 0.00	44.06 -0.49 0.00	40.03 -0.57 0.00	34.03 -0.20 0.00	30.54 0.36 0.00

OAKDALE___35_KV_LOAD 356122	27.25 0.35 0.00	24.53 0.24 0.00	22.09 0.26 0.00	21.55 0.21 0.00	21.33 0.25 0.00	23.58 0.26 0.00	27.70 0.38 0.00	30.42 0.27 0.00	29.76 0.24 0.00	24.97 0.07 -0.18	26.74 0.00 -0.63	26.86 -0.03 -0.51	27.68 -0.05 -0.92	28.08 -0.05 -1.05	27.97 0.08 -0.97	30.55 0.12 -1.06	36.80 0.18 -1.34	47.02 0.23 -1.70	51.39 0.49 -1.70	50.81 0.50 -0.50	45.18 0.62 0.00	41.09 0.49 0.00	34.71 0.48 0.00	30.84 0.66 0.00
OCC_CHEM___DRP 24175	25.66 -1.24 0.00	22.81 -1.48 0.00	20.72 -1.11 0.00	20.14 -1.19 0.00	19.91 -1.16 0.00	22.18 -1.14 0.00	25.94 -1.37 0.02	28.08 -2.05 0.02	27.55 -1.95 0.02	22.92 -1.85 -0.06	21.56 -1.80 2.75	23.01 -1.93 1.44	21.87 -2.01 2.92	22.01 -1.98 3.09	21.81 -1.99 3.12	23.91 -2.11 3.35	28.74 -2.68 3.87	36.55 -3.79 4.77	40.42 -3.54 5.24	44.26 -3.59 1.96	41.50 -3.03 0.02	37.70 -2.88 0.02	32.47 -1.75 0.02	29.61 -0.54 0.02
OH_GEN_PROXY 24063	26.04 -0.86 0.00	23.10 -1.19 0.00	20.98 -0.85 0.00	20.29 -1.05 0.00	20.17 -0.91 0.00	22.41 -0.91 0.00	26.20 -1.12 0.00	28.43 -1.72 0.00	28.07 -1.45 0.00	23.33 -1.46 -0.08	22.37 -1.33 2.42	23.63 -1.50 1.25	22.72 -1.53 2.56	22.86 -1.52 2.70	22.69 -1.51 2.73	24.83 -1.62 2.93	29.83 -2.08 3.38	37.91 -3.02 4.17	41.90 -2.71 4.59	45.30 -2.79 1.72	42.14 -2.41 0.00	38.33 -2.27 0.00	32.90 -1.34 0.00	30.00 -0.18 0.00
OLIN_CORP_DRP 24177	25.66 -1.24 0.00	22.81 -1.48 0.00	20.72 -1.11 0.00	20.14 -1.19 0.00	19.91 -1.16 0.00	22.18 -1.14 0.00	25.96 -1.37 -0.01	28.11 -2.05 -0.01	27.58 -1.95 -0.01	22.95 -1.85 -0.09	21.90 -1.80 2.42	23.21 -1.93 1.24	22.24 -2.01 2.55	22.40 -1.98 2.70	22.20 -1.99 2.73	24.33 -2.11 2.92	29.23 -2.68 3.38	37.15 -3.79 4.17	41.07 -3.54 4.59	44.51 -3.59 1.71	41.53 -3.03 -0.01	37.73 -2.88 -0.01	32.50 -1.75 -0.01	29.64 -0.54 -0.01
OLIN_CORP_DSASP 323712	25.66 -1.24 0.00	22.81 -1.48 0.00	20.72 -1.11 0.00	20.04 -1.30 0.00	19.91 -1.16 0.00	22.15 -1.17 0.00	25.80 -1.50 0.02	27.96 -2.17 0.02	27.61 -1.89 0.02	22.92 -1.85 -0.06	21.59 -1.78 2.75	22.99 -1.95 1.44	21.90 -1.98 2.92	22.03 -1.95 3.09	21.81 -1.99 3.12	23.91 -2.11 3.35	28.74 -2.68 3.87	36.50 -3.83 4.77	40.42 -3.54 5.24	44.25 -3.59 1.97	41.50 -3.03 0.02	37.74 -2.84 0.02	32.47 -1.74 0.02	29.61 -0.54 0.02
ONEIDA_HERK_LFGE 323681	27.36 0.46 0.00	24.73 0.44 0.00	22.14 0.31 0.00	21.66 0.32 0.00	21.39 0.32 0.00	23.74 0.42 0.00	27.79 0.46 0.00	30.66 0.51 0.00	29.93 0.41 0.00	24.84 0.12 0.00	26.25 0.13 0.00	26.51 0.13 0.00	26.94 0.13 0.00	27.19 0.11 0.00	27.08 0.16 0.00	29.60 0.23 0.00	35.79 0.49 0.00	45.82 0.72 0.00	50.38 1.18 0.00	51.20 1.39 0.00	45.84 1.29 0.00	41.78 1.18 0.00	35.12 0.89 0.00	30.81 0.63 0.00
ONEIDA___115KV_TB4 55905	27.65 0.75 0.00	24.95 0.66 0.00	22.35 0.52 0.00	21.87 0.53 0.00	21.60 0.53 0.00	23.95 0.63 0.00	28.06 0.74 0.00	30.97 0.81 0.00	30.23 0.71 0.00	25.11 0.40 0.00	26.54 0.42 0.00	26.80 0.42 0.00	27.21 0.40 0.00	27.46 0.38 0.00	27.41 0.48 0.00	29.96 0.59 0.00	36.21 0.92 0.00	46.36 1.26 0.00	50.92 1.72 0.00	51.70 1.89 0.00	46.29 1.74 0.00	42.15 1.54 0.00	35.43 1.20 0.00	31.20 1.03 0.00
ONONDAGA_REF_OCCRA 23987	27.01 0.11 0.00	24.36 0.07 0.00	21.90 0.07 0.00	21.36 0.02 0.00	21.12 0.04 0.00	23.34 0.02 0.00	27.46 0.14 0.00	30.18 0.03 0.00	29.52 0.00 0.00	24.64 -0.07 0.00	26.04 -0.08 0.00	26.33 -0.05 0.00	26.73 -0.08 0.00	26.97 -0.11 0.00	26.92 0.00 0.00	29.40 0.03 0.00	35.40 0.11 0.00	45.28 0.18 0.00	49.59 0.39 0.00	50.26 0.45 0.00	44.91 0.36 0.00	40.89 0.28 0.00	34.44 0.21 0.00	30.42 0.24 0.00
ONONDAGA___COGEN 23986	26.93 0.03 0.00	24.29 0.00 0.00	21.83 0.00 0.00	21.30 -0.04 0.00	21.05 -0.02 0.00	23.27 -0.05 0.00	27.38 0.05 0.00	30.09 -0.06 0.00	29.40 -0.12 0.00	24.54 -0.17 0.00	25.96 -0.16 0.00	26.25 -0.13 0.00	26.65 -0.16 0.00	26.86 -0.22 0.00	26.81 -0.11 0.00	29.28 -0.09 0.00	35.22 -0.07 0.00	45.10 0.00 0.00	49.35 0.15 0.00	50.01 0.20 0.00	44.68 0.13 0.00	40.68 0.08 0.00	34.30 0.07 0.00	30.30 0.12 0.00
ONTARIO___LFGE 23819	27.09 0.19 0.00	24.34 0.05 0.00	21.92 0.09 0.00	21.32 -0.02 0.00	21.14 0.06 0.00	23.41 0.09 0.00	27.54 0.22 0.00	30.24 0.09 0.00	29.55 0.03 0.00	24.57 -0.22 -0.07	27.71 -0.24 -1.82	27.15 -0.29 -1.06	28.59 -0.32 -2.10	29.05 -0.30 -2.27	29.00 -0.16 -2.24	31.67 -0.12 -2.42	37.91 -0.25 -2.86	48.49 -0.18 -3.56	53.31 0.30 -3.81	51.50 0.35 -1.34	44.91 0.35 0.00	40.97 0.36 0.00	34.61 0.38 0.00	30.84 0.66 0.00
ORANGEVILLE_WT_PWR 323706	26.20 -0.70 0.00	23.37 -0.92 0.00	21.18 -0.65 0.00	20.55 -0.79 0.00	20.40 -0.68 0.00	22.62 -0.70 0.00	26.47 -0.85 0.00	28.65 -1.51 0.00	28.04 -1.48 0.00	23.16 -1.66 -0.10	5.32 -1.88 18.92	14.02 -2.14 10.23	4.00 -2.15 20.66	2.91 -2.14 22.03	2.80 -2.07 22.05	3.48 -2.20 23.69	4.94 -2.72 27.64	7.37 -3.52 34.22	8.73 -3.20 37.27	33.03 -3.19 13.59	42.01 -2.54 0.00	38.21 -2.40 0.00	32.80 -1.44 0.00	29.78 -0.39 0.00
ORANGEVILLE___ESR 323794	26.20 -0.70 0.00	23.37 -0.92 0.00	21.18 -0.65 0.00	20.55 -0.79 0.00	20.40 -0.68 0.00	22.62 -0.70 0.00	26.47 -0.85 0.00	28.65 -1.51 0.00	28.04 -1.48 0.00	23.16 -1.66 -0.10	5.32 -1.88 18.92	14.02 -2.14 10.23	4.00 -2.15 20.66	2.91 -2.14 22.03	2.80 -2.07 22.05	3.48 -2.20 23.69	4.94 -2.72 27.64	7.37 -3.52 34.22	8.73 -3.20 37.27	33.03 -3.19 13.59	42.01 -2.54 0.00	38.21 -2.40 0.00	32.80 -1.44 0.00	29.78 -0.39 0.00
OSWEGATCHIE___HYD 24044	26.71 -0.19 0.00	24.17 -0.12 0.00	21.61 -0.22 0.00	21.19 -0.15 0.00	20.90 -0.17 0.00	23.25 -0.07 0.00	27.16 -0.16 0.00	30.03 -0.12 0.00	29.17 -0.35 0.00	24.12 -0.59 0.00	25.44 -0.68 0.00	25.70 -0.69 0.00	26.11 -0.70 0.00	26.32 -0.76 0.00	26.22 -0.70 0.00	28.61 -0.76 0.00	34.48 -0.81 0.00	44.24 -0.86 0.00	48.66 -0.54 0.00	49.61 -0.20 0.00	44.42 -0.13 0.00	40.68 0.08 0.00	34.37 0.14 0.00	30.09 -0.09 0.00
OSWEGO___5 23606	26.44 -0.46 0.00	23.85 -0.44 0.00	21.44 -0.39 0.00	20.93 -0.41 0.00	20.70 -0.38 0.00	22.88 -0.44 0.00	26.83 -0.49 0.00	29.52 -0.63 0.00	28.90 -0.62 0.00	24.15 -0.57 0.00	25.57 -0.55 0.00	25.83 -0.56 0.00	26.24 -0.56 0.00	26.43 -0.65 0.00	26.33 -0.59 0.00	28.72 -0.65 0.00	34.51 -0.78 0.00	44.11 -0.99 0.00	48.26 -0.94 0.00	48.86 -0.95 0.00	43.70 -0.85 0.00	39.79 -0.81 0.00	33.55 -0.68 0.00	29.66 -0.51 0.00
OSWEGO___6 23613	26.44 -0.46 0.00	23.85 -0.44 0.00	21.44 -0.39 0.00	20.93 -0.41 0.00	20.70 -0.38 0.00	22.88 -0.44 0.00	26.83 -0.49 0.00	29.52 -0.63 0.00	28.90 -0.62 0.00	24.15 -0.57 0.00	25.57 -0.55 0.00	25.83 -0.56 0.00	26.24 -0.56 0.00	26.43 -0.65 0.00	26.33 -0.59 0.00	28.72 -0.65 0.00	34.51 -0.78 0.00	44.11 -0.99 0.00	48.26 -0.94 0.00	48.86 -0.95 0.00	43.70 -0.85 0.00	39.79 -0.81 0.00	33.55 -0.68 0.00	29.66 -0.51 0.00

OUTOKUMPU-AB___DRP 24206	26.23 -0.67 0.00	23.29 -1.00 0.00	21.15 -0.68 0.00	20.57 -0.77 0.00	20.34 -0.74 0.00	22.64 -0.68 0.00	26.52 -0.79 0.01	28.76 -1.39 0.01	28.24 -1.27 0.01	23.48 -1.31 -0.07	22.28 -1.33 2.51	23.63 -1.45 1.30	22.65 -1.50 2.66	22.81 -1.46 2.81	22.66 -1.43 2.83	24.83 -1.50 3.04	29.88 -1.91 3.51	37.98 -2.80 4.33	41.98 -2.46 4.77	45.48 -2.54 1.79	42.54 -2.00 0.01	38.69 -1.91 0.01	33.23 -0.99 0.01	30.29 0.12 0.01
OXBOW___BTM 323836	25.98 -0.91 0.00	23.08 -1.21 0.00	20.96 -0.87 0.00	20.29 -1.05 0.00	20.15 -0.93 0.00	22.41 -0.91 0.00	26.13 -1.17 0.01	28.33 -1.81 0.01	28.00 -1.50 0.01	23.22 -1.56 -0.06	21.97 -1.52 2.63	23.35 -1.66 1.37	22.30 -1.72 2.79	22.48 -1.65 2.95	22.28 -1.67 2.98	24.42 -1.76 3.19	29.38 -2.22 3.69	37.31 -3.25 4.54	41.30 -2.90 5.00	44.95 -2.99 1.88	42.09 -2.45 0.01	38.28 -2.31 0.01	32.92 -1.30 0.01	30.01 -0.15 0.01
OXBOW___ 24026	25.98 -0.91 0.00	23.08 -1.21 0.00	20.96 -0.87 0.00	20.38 -0.96 0.00	20.15 -0.93 0.00	22.46 -0.86 0.00	26.27 -1.04 0.01	28.45 -1.69 0.01	27.94 -1.56 0.01	23.25 -1.53 -0.06	21.95 -1.54 2.63	23.35 -1.66 1.37	22.30 -1.72 2.79	22.45 -1.68 2.95	22.28 -1.67 2.98	24.42 -1.76 3.19	29.38 -2.22 3.69	37.36 -3.20 4.54	41.30 -2.90 5.00	44.95 -2.99 1.87	42.09 -2.45 0.01	38.27 -2.31 0.01	32.92 -1.30 0.01	30.01 -0.15 0.01
OXY_CHEM_DSASP 323612	25.66 -1.24 0.00	22.81 -1.48 0.00	20.72 -1.11 0.00	20.14 -1.19 0.00	19.91 -1.16 0.00	22.18 -1.14 0.00	25.94 -1.37 0.02	28.08 -2.05 0.02	27.55 -1.95 0.02	22.92 -1.85 -0.06	21.56 -1.80 2.75	23.01 -1.93 1.44	21.87 -2.01 2.92	22.01 -1.98 3.09	21.81 -1.99 3.12	23.91 -2.11 3.35	28.74 -2.68 3.87	36.55 -3.79 4.77	40.42 -3.54 5.24	44.26 -3.59 1.96	41.50 -3.03 0.02	37.70 -2.88 0.02	32.47 -1.75 0.02	29.61 -0.54 0.02
OZONE_PARK_ESR 323760	29.13 2.23 0.00	26.31 2.02 0.00	23.56 1.72 0.00	23.07 1.73 0.00	22.80 1.73 0.00	25.09 1.77 0.00	29.53 2.21 0.00	32.87 2.71 0.00	32.47 2.95 0.00	31.08 2.64 -3.72	32.34 2.82 -3.40	36.55 2.88 -7.30	37.58 2.95 -7.82	38.50 3.03 -8.39	39.30 3.07 -9.31	41.46 3.26 -8.83	48.26 3.92 -9.05	61.95 4.92 -11.93	64.76 5.17 -10.40	56.88 5.23 -1.84	49.01 4.46 0.00	44.38 3.78 0.00	37.62 3.39 0.00	33.01 2.84 0.00
PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	25.66 -1.24 0.00	22.81 -1.48 0.00	20.72 -1.11 0.00	20.14 -1.19 0.00	19.91 -1.16 0.00	22.18 -1.14 0.00	25.94 -1.37 0.02	28.08 -2.05 0.02	27.55 -1.95 0.02	22.92 -1.85 -0.06	21.56 -1.80 2.75	23.01 -1.93 1.44	21.87 -2.01 2.92	22.01 -1.98 3.09	21.81 -1.99 3.12	23.91 -2.11 3.35	28.74 -2.68 3.87	36.55 -3.79 4.77	40.42 -3.54 5.24	44.26 -3.59 1.96	41.50 -3.03 0.02	37.70 -2.88 0.02	32.47 -1.75 0.02	29.61 -0.54 0.02
PACKARD__115KV_DUPONT_184 80571	25.66 -1.24 0.00	22.81 -1.48 0.00	20.72 -1.11 0.00	20.14 -1.19 0.00	19.91 -1.16 0.00	22.18 -1.14 0.00	25.94 -1.37 0.02	28.08 -2.05 0.02	27.55 -1.95 0.02	22.92 -1.85 -0.06	21.56 -1.80 2.75	23.01 -1.93 1.44	21.87 -2.01 2.92	22.01 -1.98 3.09	21.81 -1.99 3.12	23.91 -2.11 3.35	28.74 -2.68 3.87	36.55 -3.79 4.77	40.42 -3.54 5.24	44.26 -3.59 1.96	41.50 -3.03 0.02	37.70 -2.88 0.02	32.47 -1.75 0.02	29.61 -0.54 0.02
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	29.14 2.23 -0.01	26.31 2.02 -0.01	23.59 1.75 -0.01	23.12 1.77 -0.01	22.85 1.77 -0.01	25.00 1.68 0.00	29.32 1.99 0.00	32.47 2.32 0.00	32.09 2.57 0.00	30.48 2.30 -3.46	31.15 2.43 -2.60	34.77 2.48 -5.91	36.22 2.52 -6.89	37.47 2.60 -7.79	37.58 2.64 -8.02	40.03 2.70 -7.96	47.62 3.28 -9.04	61.03 4.01 -11.91	63.76 4.18 -10.38	55.87 4.23 -1.83	48.03 3.47 0.00	43.85 3.25 0.00	37.53 3.29 -0.01	32.99 2.81 -0.01
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	29.38 2.47 -0.01	26.56 2.26 -0.01	23.78 1.94 -0.01	23.33 1.98 -0.01	23.06 1.98 -0.01	25.23 1.91 0.00	29.56 2.24 0.00	32.75 2.59 0.00	32.35 2.83 0.00	30.68 2.50 -3.46	31.36 2.64 -2.60	34.98 2.69 -5.91	36.41 2.71 -6.89	37.68 2.82 -7.79	37.79 2.85 -8.02	40.27 2.94 -7.96	47.90 3.56 -9.04	61.44 4.42 -11.91	64.26 4.67 -10.38	56.37 4.73 -1.83	48.47 3.92 0.00	44.26 3.65 0.00	37.87 3.63 -0.01	33.29 3.11 -0.01
PATROON__115KV_TB1 80586	27.71 0.81 0.00	25.07 0.78 0.00	22.49 0.65 0.00	21.96 0.62 0.00	21.68 0.61 0.00	23.90 0.58 0.00	27.90 0.57 0.00	30.85 0.69 0.00	30.26 0.74 0.00	24.99 0.67 0.39	26.68 0.76 0.20	26.68 0.82 0.52	26.96 0.86 0.71	27.10 0.89 0.87	27.10 0.97 0.80	29.52 1.00 0.85	35.30 1.13 1.12	44.94 1.31 1.47	49.30 1.38 1.28	50.93 1.34 0.23	45.93 1.38 0.00	41.82 1.22 0.00	35.19 0.96 0.00	30.93 0.75 0.00
PATTRSNVILLE___SOLAR 323815	28.08 1.18 0.00	25.38 1.09 0.00	22.77 0.94 0.00	22.26 0.92 0.00	21.98 0.91 0.00	24.28 0.96 0.00	28.33 1.01 0.00	31.15 0.99 0.00	30.40 0.88 0.00	25.07 0.67 0.32	26.70 0.71 0.12	26.73 0.71 0.36	26.95 0.70 0.55	27.15 0.79 0.71	27.13 0.81 0.60	29.57 0.88 0.68	35.35 1.02 0.96	45.28 1.44 1.27	49.92 1.82 1.11	51.75 2.14 0.20	46.69 2.14 0.00	42.55 1.95 0.00	35.81 1.58 0.00	31.47 1.30 0.00
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	26.44 -0.46 0.00	23.49 -0.80 0.00	21.33 -0.50 0.00	20.74 -0.60 0.00	20.50 -0.57 0.00	22.85 -0.47 0.00	26.83 -0.49 0.00	29.13 -1.03 0.00	28.64 -0.89 0.00	23.82 -0.99 -0.09	22.78 -1.59 1.75	23.79 -1.71 0.87	23.20 -1.80 1.81	23.45 -1.73 1.90	23.32 -1.67 1.93	25.54 -1.76 2.07	30.77 -2.15 2.37	39.03 -3.16 2.92	43.11 -2.85 3.24	45.64 -2.94 1.23	43.13 -1.43 0.00	39.22 -1.38 0.00	33.58 -0.65 0.00	30.57 0.39 0.00
PAWLING_115_KV_BK3_REV_LBMP_H 345028	28.81 1.91 0.00	26.04 1.75 0.00	23.32 1.48 0.00	22.87 1.54 0.00	22.57 1.50 0.00	24.88 1.56 0.00	29.18 1.86 0.00	32.38 2.23 0.00	31.88 2.36 0.00	28.92 2.05 -2.16	29.14 2.19 -0.82	31.10 2.27 -2.45	32.93 2.36 -3.77	34.41 2.49 -4.85	33.61 2.58 -4.10	36.75 2.76 -4.62	45.29 3.46 -6.54	58.19 4.47 -8.63	61.59 4.87 -7.52	55.92 4.78 -1.33	48.74 4.19 0.00	44.09 3.49 0.00	37.11 2.88 0.00	32.53 2.35 0.00
PEEKSKILL___ 23653	28.67 1.77 0.00	25.92 1.63 0.00	23.23 1.40 0.00	22.77 1.43 0.00	22.49 1.41 0.00	24.77 1.45 0.00	29.10 1.77 0.00	32.26 2.11 0.00	31.74 2.22 0.00	30.12 2.03 -3.37	30.51 2.17 -2.23	33.89 2.22 -5.30	35.60 2.28 -6.52	37.10 2.44 -7.59	36.88 2.48 -7.48	39.61 2.61 -7.63	47.60 3.14 -9.17	61.15 3.97 -12.08	63.91 4.18 -10.53	55.85 4.18 -1.86	48.16 3.61 0.00	43.65 3.05 0.00	36.91 2.67 0.00	32.41 2.23 0.00
PGE MADISON___WINDPWR 24146	28.67 1.77 0.00	25.85 1.56 0.00	23.14 1.31 0.00	22.62 1.28 0.00	22.40 1.33 0.00	24.93 1.61 0.00	29.21 1.88 0.00	32.17 2.02 0.00	31.23 1.71 0.00	25.70 0.81 -0.17	27.66 0.78 -0.75	27.66 0.71 -0.57	28.56 0.70 -1.05	28.89 0.62 -1.19	28.89 0.84 -1.14	31.69 1.09 -1.24	38.66 1.83 -1.54	49.75 2.71 -1.95	55.05 3.89 -1.97	54.60 4.18 -0.60	48.38 3.83 0.00	43.85 3.25 0.00	36.66 2.43 0.00	32.26 2.08 0.00

PIERCEFIELD___HYD 23852	26.01 -0.89 0.00	23.61 -0.68 0.00	21.18 -0.65 0.00	20.74 -0.60 0.00	20.44 -0.63 0.00	22.76 -0.56 0.00	26.69 -0.63 0.00	29.64 -0.51 0.00	28.69 -0.83 0.00	23.90 -0.82 0.00	25.10 -1.02 0.00	25.33 -1.06 0.00	25.76 -1.05 0.00	26.02 -1.06 0.00	25.79 -1.13 0.00	28.08 -1.29 0.00	33.42 -1.87 0.00	42.76 -2.35 0.00	46.64 -2.56 0.00	47.27 -2.54 0.00	42.41 -2.14 0.00	39.02 -1.58 0.00	33.27 -0.96 0.00	29.21 -0.97 0.00
PINELAWN_CC_1 323563	32.34 2.47 -2.97	26.73 2.26 -0.18	24.07 1.99 -0.25	23.60 2.03 -0.23	23.38 2.02 -0.28	25.59 2.10 -0.17	29.87 2.49 -0.06	34.48 2.89 -1.43	32.91 2.92 -0.47	32.86 2.65 -5.50	39.12 2.80 -10.21	37.91 2.82 -8.70	39.89 2.84 -10.24	40.75 2.93 -10.75	42.00 2.91 -12.17	43.67 2.94 -11.37	54.83 3.14 -16.40	83.18 3.74 -34.34	72.71 3.94 -19.57	59.61 4.03 -5.77	51.17 3.83 -2.79	44.31 3.69 -0.01	43.33 3.46 -5.64	37.71 2.84 -4.70
PJM_GEN_HTP_PROXY 323702	28.86 1.96 0.00	26.09 1.80 0.00	23.36 1.53 0.00	22.90 1.56 0.00	22.63 1.56 0.00	24.93 1.61 0.00	29.29 1.97 0.00	32.53 2.38 0.00	32.03 2.51 0.00	30.72 2.35 -3.66	31.82 2.51 -3.19	35.88 2.56 -6.94	36.99 2.60 -7.58	38.08 2.76 -8.24	38.68 2.77 -8.99	40.92 2.94 -8.61	47.88 3.53 -9.06	61.41 4.37 -11.94	64.18 4.58 -10.40	56.28 4.63 -1.84	48.43 3.87 0.00	43.89 3.29 0.00	37.21 2.98 0.00	32.71 2.54 0.00
PJM_GEN_KEystone 24065	27.57 0.67 0.00	24.75 0.46 0.00	22.29 0.46 0.00	21.74 0.40 0.00	21.52 0.44 0.00	23.79 0.47 0.00	27.92 0.60 0.00	30.70 0.54 0.00	30.20 0.68 0.00	26.98 0.57 -1.70	27.75 0.52 -1.11	29.53 0.50 -2.65	30.59 0.51 -3.27	31.49 0.59 -3.81	31.32 0.65 -3.75	33.88 0.68 -3.83	40.72 0.81 -4.62	52.00 0.81 -6.09	55.59 1.08 -5.30	51.79 1.05 -0.94	45.62 1.07 0.00	41.41 0.81 0.00	35.19 0.96 0.00	31.35 1.18 0.00
PJM_GEN_NEPTUNE_PROXY 323594	31.47 2.07 -2.50	26.24 1.94 -0.01	23.54 1.70 -0.01	23.12 1.77 -0.01	22.85 1.77 -0.01	25.12 1.80 -0.01	29.46 2.13 -0.01	33.59 2.50 -0.94	32.14 2.54 -0.08	31.60 2.35 -4.54	37.06 2.48 -8.46	36.15 2.45 -7.31	38.38 2.49 -9.08	39.53 2.57 -9.88	40.12 2.56 -10.64	42.16 2.55 -10.23	53.57 3.04 -15.24	79.68 3.74 -30.83	64.54 3.94 -11.40	56.35 3.99 -2.56	50.46 3.57 -2.35	43.70 3.08 -0.01	37.72 2.94 -0.54	36.59 2.44 -3.97
PJM_GEN_VFT_PROXY 323633	28.78 1.88 0.00	25.99 1.70 0.00	23.27 1.44 0.00	22.83 1.49 0.00	22.55 1.47 0.00	24.83 1.51 0.00	29.23 1.91 0.00	32.47 2.32 0.00	32.00 2.48 0.00	30.76 2.32 -3.72	32.00 2.48 -3.40	36.21 2.53 -7.30	37.20 2.57 -7.82	38.17 2.71 -8.39	38.95 2.72 -9.31	41.05 2.85 -8.83	47.76 3.42 -9.05	61.27 4.24 -11.93	63.97 4.38 -10.40	56.08 4.43 -1.84	48.25 3.70 0.00	43.73 3.13 0.00	37.11 2.88 0.00	32.62 2.44 0.00
PLATSBURG_115KV_PMLD1 355749	26.04 -0.86 0.00	23.61 -0.68 0.00	21.26 -0.57 0.00	20.83 -0.51 0.00	20.55 -0.53 0.00	22.83 -0.49 0.00	26.75 -0.57 0.00	29.70 -0.45 0.00	28.90 -0.62 0.00	24.15 -0.57 0.00	25.36 -0.76 0.00	25.59 -0.79 0.00	26.03 -0.78 0.00	26.24 -0.84 0.00	25.98 -0.94 0.00	28.28 -1.09 0.00	33.95 -1.34 0.00	43.57 -1.53 0.00	47.38 -1.82 0.00	47.87 -1.94 0.00	42.72 -1.83 0.00	38.90 -1.71 0.00	32.69 -1.54 0.00	28.73 -1.45 0.00
PLEASANTVLY___LBMP 24000	28.43 1.53 0.00	25.72 1.43 0.00	23.05 1.22 0.00	22.58 1.24 0.00	22.30 1.22 0.00	24.56 1.24 0.00	28.77 1.45 0.00	31.90 1.75 0.00	31.41 1.89 0.00	25.39 1.71 1.04	27.42 1.83 0.52	26.88 1.87 1.38	26.85 1.93 1.89	26.75 2.00 2.33	26.85 2.05 2.11	29.24 2.14 2.27	34.91 2.61 2.99	44.40 3.25 3.95	49.16 3.39 3.44	52.59 3.39 0.61	47.49 2.94 0.00	43.16 2.56 0.00	36.42 2.19 0.00	32.02 1.84 0.00
PLSNTVLE_13_KV_13.8KVDIST 80602	28.73 1.83 0.00	25.97 1.68 0.00	23.25 1.42 0.00	22.79 1.45 0.00	22.51 1.43 0.00	24.79 1.47 0.00	29.07 1.75 0.00	32.32 2.17 0.00	31.88 2.36 0.00	29.11 2.10 -2.29	27.96 2.25 0.40	29.34 2.32 -0.64	32.35 2.39 -3.15	34.68 2.46 -5.13	32.38 2.53 -2.93	36.36 2.64 -4.35	46.94 3.25 -8.40	60.24 4.06 -11.08	63.13 4.28 -9.65	55.80 4.28 -1.71	48.20 3.65 0.00	43.73 3.13 0.00	36.94 2.70 0.00	32.44 2.26 0.00
PLSNTVLE_13_KV_13KVDSA_REV_LBMP_I 345020	28.73 1.83 0.00	25.97 1.68 0.00	23.25 1.42 0.00	22.79 1.45 0.00	22.51 1.43 0.00	24.79 1.47 0.00	29.07 1.75 0.00	32.32 2.17 0.00	31.88 2.36 0.00	29.11 2.10 -2.29	27.96 2.25 0.40	29.34 2.32 -0.64	32.35 2.39 -3.15	34.68 2.46 -5.13	32.38 2.53 -2.93	36.36 2.64 -4.35	46.94 3.25 -8.40	60.24 4.06 -11.08	63.13 4.28 -9.65	55.80 4.28 -1.71	48.20 3.65 0.00	43.73 3.13 0.00	36.94 2.70 0.00	32.44 2.26 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	28.59 1.69 0.00	25.87 1.58 0.00	23.16 1.33 0.00	22.68 1.34 0.00	22.40 1.33 0.00	24.70 1.38 0.00	28.96 1.64 0.00	32.11 1.96 0.00	31.59 2.07 0.00	27.48 1.78 -0.99	28.33 1.91 -0.31	29.38 1.98 -1.02	30.53 2.04 -1.68	31.47 2.17 -2.22	30.99 2.26 -1.80	33.86 2.41 -2.09	41.30 2.93 -3.08	52.95 3.79 -4.06	56.87 4.13 -3.54	54.57 4.13 -0.63	48.12 3.56 0.00	43.69 3.09 0.00	36.80 2.57 0.00	32.29 2.11 0.00
POLETTI_____ 23519	28.84 1.94 0.00	26.06 1.77 0.00	23.36 1.53 0.00	22.90 1.56 0.00	22.63 1.56 0.00	24.88 1.56 0.00	29.23 1.91 0.00	32.52 2.38 0.02	32.13 2.63 0.02	30.81 2.37 -3.72	32.05 2.53 -3.40	36.26 2.59 -7.30	37.28 2.65 -7.82	38.20 2.73 -8.39	39.00 2.77 -9.31	41.11 2.91 -8.83	47.78 3.46 -9.03	61.35 4.33 -11.91	64.06 4.48 -10.38	56.16 4.53 -1.82	48.37 3.83 0.02	43.85 3.25 0.00	37.18 2.94 0.00	32.65 2.47 0.00
POMONA___ESR 323819	28.67 1.77 0.00	25.92 1.63 0.00	23.23 1.40 0.00	22.77 1.43 0.00	22.46 1.39 0.00	24.77 1.45 0.00	29.10 1.77 0.00	32.26 2.11 0.00	31.74 2.22 0.00	29.80 2.03 -3.06	30.16 2.14 -1.90	33.21 2.22 -4.61	34.91 2.28 -5.82	36.36 2.41 -6.87	36.01 2.45 -6.64	38.82 2.59 -6.86	46.84 3.11 -8.44	60.15 3.92 -11.12	63.03 4.13 -9.69	55.65 4.13 -1.71	48.07 3.52 0.00	43.61 3.00 0.00	36.87 2.64 0.00	32.41 2.23 0.00
PORT_JEFF_3 23555	32.20 2.61 -2.69	28.59 2.41 -1.90	26.67 2.12 -2.72	25.96 2.15 -2.47	26.26 2.15 -3.03	27.39 2.24 -1.83	30.59 2.65 -0.62	37.72 3.04 -4.52	36.84 3.10 -4.22	38.29 2.77 -10.81	38.34 2.90 -9.32	37.21 2.95 -7.87	39.22 2.87 -9.54	40.28 2.98 -10.23	41.11 2.93 -11.26	43.02 2.97 -10.69	54.49 3.42 -15.78	81.68 4.33 -32.25	68.38 4.52 -14.66	58.25 4.63 -3.81	51.42 4.28 -2.59	44.34 3.73 -0.01	40.30 3.46 -2.61	37.25 2.81 -4.26
PORT_JEFF_4 23616	32.20 2.61 -2.69	28.59 2.41 -1.90	26.67 2.12 -2.72	25.96 2.15 -2.47	26.26 2.15 -3.03	27.39 2.24 -1.83	30.59 2.65 -0.62	37.72 3.04 -4.52	36.84 3.10 -4.22	38.29 2.77 -10.81	38.34 2.90 -9.32	37.21 2.95 -7.87	39.22 2.87 -9.54	40.28 2.98 -10.23	41.11 2.93 -11.26	43.02 2.97 -10.69	54.49 3.42 -15.78	81.68 4.33 -32.25	68.38 4.52 -14.66	58.25 4.63 -3.81	51.42 4.28 -2.59	44.34 3.73 -0.01	40.30 3.46 -2.61	37.25 2.81 -4.26

PORT_JEFF_IC 23713	32.26 2.66 -2.70	28.93 2.45 -2.18	27.12 2.16 -3.13	26.38 2.20 -2.84	26.76 2.19 -3.49	27.69 2.26 -2.11	30.71 2.68 -0.71	38.35 3.14 -5.06	37.64 3.28 -4.85	39.35 2.89 -11.74	38.53 3.03 -9.38	37.37 3.09 -7.90	39.35 2.98 -9.57	40.41 3.09 -10.25	41.23 3.02 -11.29	43.17 3.08 -10.71	54.63 3.53 -15.81	81.66 4.24 -32.32	68.49 4.48 -14.81	58.26 4.58 -3.87	51.53 4.37 -2.61	44.47 3.86 -0.01	40.47 3.53 -2.71	37.32 2.87 -4.28
PPL PILGRIM_ST_GT1 24216	32.35 2.72 -2.73	27.13 2.41 -0.43	24.55 2.10 -0.62	24.04 2.13 -0.56	23.89 2.13 -0.69	25.96 2.22 -0.42	30.12 2.65 -0.15	35.02 3.04 -1.82	33.64 3.10 -1.02	33.61 2.77 -6.12	38.38 2.90 -9.36	37.45 3.06 -8.01	39.49 3.03 -9.66	40.53 3.14 -10.31	41.42 3.09 -11.41	43.28 3.11 -10.80	54.55 3.42 -15.83	82.20 4.51 -32.59	69.30 4.72 -15.38	58.81 4.88 -4.12	51.63 4.50 -2.58	44.51 3.90 -0.01	41.05 3.70 -3.12	37.56 3.05 -4.33
PPL PILGRIM_ST_GT2 24217	32.35 2.72 -2.73	27.13 2.41 -0.43	24.55 2.10 -0.62	24.04 2.13 -0.56	23.89 2.13 -0.69	25.96 2.22 -0.42	30.12 2.65 -0.15	35.02 3.04 -1.82	33.64 3.10 -1.02	33.61 2.77 -6.12	38.38 2.90 -9.36	37.45 3.06 -8.01	39.49 3.03 -9.66	40.53 3.14 -10.31	41.42 3.09 -11.41	43.28 3.11 -10.80	54.55 3.42 -15.83	82.20 4.51 -32.59	69.30 4.72 -15.38	58.81 4.88 -4.12	51.63 4.50 -2.58	44.51 3.90 -0.01	41.05 3.70 -3.12	37.56 3.05 -4.33
PPL_SHRM_GT3 24213	32.12 2.53 -2.69	28.71 2.48 -1.94	26.79 2.18 -2.78	26.10 2.24 -2.52	26.45 2.28 -3.10	27.54 2.35 -1.87	30.69 2.73 -0.63	37.83 3.08 -4.60	36.93 3.10 -4.31	38.45 2.79 -10.94	38.33 2.87 -9.34	37.01 2.74 -7.88	38.94 2.57 -9.56	40.02 2.71 -10.24	40.83 2.64 -11.27	42.77 2.70 -10.70	54.19 3.11 -15.79	81.48 4.10 -32.28	68.26 4.33 -14.73	58.08 4.43 -3.84	51.03 3.87 -2.60	44.02 3.41 -0.01	39.97 3.08 -2.66	36.89 2.44 -4.27
PPL_SHRM_GT4 24214	32.12 2.53 -2.69	28.71 2.48 -1.94	26.79 2.18 -2.78	26.10 2.24 -2.52	26.45 2.28 -3.10	27.54 2.35 -1.87	30.69 2.73 -0.63	37.83 3.08 -4.60	36.93 3.10 -4.31	38.45 2.79 -10.94	38.33 2.87 -9.34	37.01 2.74 -7.88	38.94 2.57 -9.56	40.02 2.71 -10.24	40.83 2.64 -11.27	42.77 2.70 -10.70	54.19 3.11 -15.79	81.48 4.10 -32.28	68.26 4.33 -14.73	58.08 4.43 -3.84	51.03 3.87 -2.60	44.02 3.41 -0.01	39.97 3.08 -2.66	36.89 2.44 -4.27
PROJECT___ORANGE 1 24174	26.95 0.05 0.00	24.29 0.00 0.00	21.85 0.02 0.00	21.32 -0.02 0.00	21.07 0.00 0.00	23.30 -0.02 0.00	27.40 0.08 0.00	30.12 -0.03 0.00	29.46 -0.06 0.00	24.59 -0.12 0.00	26.01 -0.10 0.00	26.30 -0.08 0.00	26.70 -0.11 0.00	26.94 -0.14 0.00	26.89 -0.03 0.00	29.37 0.00 0.00	35.33 0.04 0.00	45.19 0.09 0.00	49.45 0.25 0.00	50.11 0.30 0.00	44.77 0.22 0.00	40.77 0.16 0.00	34.37 0.14 0.00	30.36 0.18 0.00
PROJECT___ORANGE 2 24166	26.95 0.05 0.00	24.29 0.00 0.00	21.85 0.02 0.00	21.32 -0.02 0.00	21.07 0.00 0.00	23.30 -0.02 0.00	27.40 0.08 0.00	30.12 -0.03 0.00	29.46 -0.06 0.00	24.59 -0.12 0.00	26.01 -0.10 0.00	26.30 -0.08 0.00	26.70 -0.11 0.00	26.94 -0.14 0.00	26.89 -0.03 0.00	29.37 0.00 0.00	35.33 0.04 0.00	45.19 0.09 0.00	49.45 0.25 0.00	50.11 0.30 0.00	44.77 0.22 0.00	40.77 0.16 0.00	34.37 0.14 0.00	30.36 0.18 0.00
PUCKETT___SOLAR 323809	27.63 0.73 0.00	24.87 0.58 0.00	22.38 0.55 0.00	21.83 0.49 0.00	21.60 0.53 0.00	23.90 0.58 0.00	28.06 0.74 0.00	30.79 0.63 0.00	30.05 0.53 0.00	25.10 0.20 -0.18	26.29 0.10 -0.07	26.64 0.05 -0.21	27.15 0.03 -0.32	27.51 0.03 -0.41	27.46 0.19 -0.35	30.02 0.26 -0.39	36.34 0.49 -0.55	46.55 0.72 -0.73	51.12 1.28 -0.64	51.37 1.45 -0.11	45.98 1.43 0.00	41.82 1.22 0.00	35.23 0.99 0.00	31.20 1.03 0.00
PYRITES___HYD 24023	26.44 -0.46 0.00	24.00 -0.29 0.00	21.48 -0.35 0.00	21.08 -0.26 0.00	20.76 -0.32 0.00	23.18 -0.14 0.00	27.16 -0.16 0.00	30.15 0.00 0.00	29.14 -0.38 0.00	24.20 -0.52 0.00	25.39 -0.73 0.00	25.56 -0.82 0.00	26.03 -0.78 0.00	26.27 -0.81 0.00	26.06 -0.86 0.00	28.37 -1.00 0.00	33.99 -1.31 0.00	43.70 -1.40 0.00	47.82 -1.38 0.00	48.61 -1.20 0.00	43.66 -0.89 0.00	40.03 -0.57 0.00	33.89 -0.34 0.00	29.72 -0.45 0.00
QUAKERRD_115KV_BK1 80622	26.09 -0.81 0.00	23.44 -0.85 0.00	21.13 -0.70 0.00	20.57 -0.77 0.00	20.36 -0.72 0.00	22.57 -0.75 0.00	26.47 -0.85 0.00	29.07 -1.09 0.00	28.43 -1.09 0.00	23.65 -1.06 0.00	25.26 -0.86 0.00	25.46 -0.92 0.00	25.84 -0.97 0.00	26.18 -0.89 0.00	26.09 -0.83 0.00	28.49 -0.88 0.00	34.13 -1.16 0.00	43.52 -1.58 0.00	47.87 -1.33 0.00	48.46 -1.34 0.00	43.17 -1.38 0.00	39.26 -1.34 0.00	33.31 -0.92 0.00	29.81 -0.36 0.00
QUENSBRY_115KV_TB8 356137	29.00 2.10 0.00	26.14 1.85 0.00	23.38 1.55 0.00	22.81 1.47 0.00	22.53 1.45 0.00	25.00 1.68 0.00	29.37 2.05 0.00	32.38 2.23 0.00	31.70 2.18 0.35	26.04 1.68 0.13	27.79 1.80 0.40	27.85 1.87 0.61	27.86 1.66 0.79	28.08 1.79 0.67	28.11 1.86 0.75	30.64 2.03 1.07	35.88 1.66 1.40	45.77 2.07 1.40	50.82 2.85 1.23	52.53 2.94 0.22	47.76 3.21 0.00	43.36 2.76 0.00	36.46 2.23 0.00	31.93 1.75 0.00
RAMAPO___LBMP 323565	28.59 1.69 0.00	25.84 1.55 0.00	23.14 1.31 0.00	22.68 1.34 0.00	22.40 1.33 0.00	24.67 1.35 0.00	28.96 1.64 0.00	32.17 2.02 0.00	31.70 2.18 -2.94	29.61 1.95 -1.80	30.04 2.12 -4.40	32.95 2.16 -5.59	34.63 2.23 -6.62	35.97 2.27 -6.37	35.61 2.32 -6.60	38.40 2.44 -8.16	46.38 2.93 -10.75	59.55 3.70 -9.37	62.46 3.89 -1.66	55.35 3.89 0.00	47.89 3.34 0.00	43.44 2.84 0.00	36.70 2.46 0.00	32.26 2.08 0.00
RANKINE____ 23646	26.41 -0.48 0.00	23.44 -0.85 0.00	21.31 -0.52 0.00	20.72 -0.62 0.00	20.48 -0.59 0.00	22.83 -0.49 0.00	26.80 -0.52 0.00	29.04 -1.12 0.00	28.55 -0.97 0.00	23.74 -1.06 -0.08	22.88 -1.28 1.96	23.99 -1.40 0.99	23.32 -1.45 2.04	23.52 -1.41 2.15	23.37 -1.37 2.18	25.60 -1.44 2.33	30.81 -1.80 2.68	39.05 -2.75 3.30	43.18 -2.36 3.66	45.99 -2.44 1.38	42.95 -1.60 0.00	39.06 -1.54 0.00	33.51 -0.72 0.00	30.54 0.36 0.00
RAVENSWOOD_GT2_1 24244	28.92 2.02 0.00	26.11 1.82 0.00	23.38 1.55 0.00	22.92 1.58 0.00	22.65 1.58 0.00	24.93 1.61 0.00	29.29 1.97 0.00	32.59 2.44 0.00	32.18 2.66 0.00	30.87 2.37 -3.78	32.23 2.53 -3.58	36.58 2.59 -7.61	37.49 2.65 -8.03	38.33 2.73 -8.52	39.30 2.77 -9.60	41.30 2.91 -9.03	47.87 3.53 -9.04	61.40 4.37 -11.92	64.17 4.58 -10.39	56.23 4.58 -1.84	48.43 3.88 0.00	43.93 3.33 0.00	37.25 3.01 0.00	32.71 2.53 0.00
RAVENSWOOD_GT2_2 24245	28.92 2.02 0.00	26.11 1.82 0.00	23.38 1.55 0.00	22.92 1.58 0.00	22.65 1.58 0.00	24.93 1.61 0.00	29.29 1.97 0.00	32.59 2.44 0.00	32.18 2.66 0.00	30.87 2.37 -3.78	32.23 2.53 -3.58	36.58 2.59 -7.61	37.49 2.65 -8.03	38.33 2.73 -8.52	39.30 2.77 -9.60	41.30 2.91 -9.03	47.87 3.53 -9.04	61.40 4.37 -11.92	64.17 4.58 -10.39	56.23 4.58 -1.84	48.43 3.88 0.00	43.93 3.33 0.00	37.25 3.01 0.00	32.71 2.53 0.00



RAVENSWOOD_GT2_3 24246	28.92 2.02 0.00	26.14 1.85 0.00	23.40 1.57 0.00	22.94 1.60 0.00	22.65 1.58 0.00	24.93 1.61 0.00	29.32 1.99 0.00	32.59 2.44 0.00	32.21 2.69 0.00	30.89 2.40 -3.78	32.26 2.56 -3.58	36.61 2.61 -7.61	37.49 2.65 -8.03	38.36 2.76 -8.52	39.30 2.77 -9.60	41.33 2.94 -9.03	47.87 3.53 -9.04	61.40 4.37 -11.92	64.17 4.58 -10.39	56.28 4.63 -1.84	48.47 3.92 0.00	43.97 3.37 0.00	37.28 3.05 0.00	32.74 2.57 0.00
RAVENSWOOD_GT2_4 24247	28.92 2.02 0.00	26.14 1.85 0.00	23.40 1.57 0.00	22.94 1.60 0.00	22.65 1.58 0.00	24.93 1.61 0.00	29.32 1.99 0.00	32.59 2.44 0.00	32.21 2.69 0.00	30.89 2.40 -3.78	32.26 2.56 -3.58	36.61 2.61 -7.61	37.49 2.65 -8.03	38.36 2.76 -8.52	39.30 2.77 -9.60	41.33 2.94 -9.03	47.87 3.53 -9.04	61.40 4.37 -11.92	64.17 4.58 -10.39	56.28 4.63 -1.84	48.47 3.92 0.00	43.97 3.37 0.00	37.28 3.05 0.00	32.74 2.57 0.00
RAVENSWOOD_GT3_1 24248	28.92 2.02 0.00	26.11 1.82 0.00	23.38 1.55 0.00	22.92 1.58 0.00	22.65 1.58 0.00	24.93 1.61 0.00	29.29 1.97 0.00	32.59 2.44 0.00	32.18 2.66 0.00	30.89 2.40 -3.78	32.23 2.53 -3.58	36.58 2.59 -7.61	37.49 2.65 -8.03	38.33 2.73 -8.52	39.30 2.77 -9.60	41.30 2.91 -9.03	47.87 3.53 -9.04	61.40 4.37 -11.92	64.17 4.58 -10.39	56.23 4.58 -1.84	48.47 3.92 0.00	43.93 3.33 0.00	37.25 3.01 0.00	32.71 2.53 0.00
RAVENSWOOD_GT3_2 24249	28.92 2.02 0.00	26.11 1.82 0.00	23.38 1.55 0.00	22.92 1.58 0.00	22.65 1.58 0.00	24.93 1.61 0.00	29.29 1.97 0.00	32.59 2.44 0.00	32.18 2.66 0.00	30.89 2.40 -3.78	32.23 2.53 -3.58	36.58 2.59 -7.61	37.49 2.65 -8.03	38.33 2.73 -8.52	39.30 2.77 -9.60	41.30 2.91 -9.03	47.87 3.53 -9.04	61.40 4.37 -11.92	64.17 4.58 -10.39	56.23 4.58 -1.84	48.47 3.92 0.00	43.93 3.33 0.00	37.25 3.01 0.00	32.71 2.53 0.00
RAVENSWOOD_GT3_3 24250	28.94 2.04 0.00	26.14 1.85 0.00	23.42 1.59 0.00	22.96 1.62 0.00	22.68 1.60 0.00	24.95 1.63 0.00	29.34 2.02 0.00	32.62 2.47 0.00	32.24 2.72 0.00	30.92 2.42 -3.78	32.29 2.59 -3.58	36.63 2.64 -7.61	37.52 2.68 -8.03	38.39 2.79 -8.52	39.35 2.83 -9.60	41.36 2.97 -9.03	47.90 3.56 -9.04	61.49 4.47 -11.92	64.26 4.67 -10.39	56.33 4.68 -1.84	48.52 3.97 0.00	44.01 3.41 0.00	37.31 3.08 0.00	32.77 2.60 0.00
RAVENSWOOD_GT3_4 24251	28.94 2.04 0.00	26.14 1.85 0.00	23.42 1.59 0.00	22.96 1.62 0.00	22.68 1.60 0.00	24.95 1.63 0.00	29.34 2.02 0.00	32.62 2.47 0.00	32.24 2.72 0.00	30.92 2.42 -3.78	32.29 2.59 -3.58	36.63 2.64 -7.61	37.52 2.68 -8.03	38.39 2.79 -8.52	39.35 2.83 -9.60	41.36 2.97 -9.03	47.90 3.56 -9.04	61.49 4.47 -11.92	64.26 4.67 -10.39	56.33 4.68 -1.84	48.52 3.97 0.00	44.01 3.41 0.00	37.31 3.08 0.00	32.77 2.60 0.00
RAVENSWOOD_GT_1 23729	29.06 2.15 -0.01	26.24 1.94 -0.01	23.50 1.66 -0.01	23.03 1.69 -0.01	22.77 1.69 -0.01	25.00 1.68 0.00	29.37 2.05 0.00	32.62 2.47 0.00	32.24 2.72 0.00	30.94 2.45 -3.78	32.29 2.59 -3.58	36.63 2.64 -7.61	37.52 2.68 -8.03	38.36 2.76 -8.52	39.33 2.80 -9.60	41.30 2.91 -9.03	47.83 3.49 -9.04	61.31 4.28 -11.92	64.07 4.48 -10.39	56.13 4.48 -1.84	48.29 3.74 0.00	43.93 3.33 0.00	37.42 3.18 0.00	32.89 2.72 0.00
RAVENSWOOD_GT_10 24258	28.89 1.99 0.00	26.11 1.82 0.00	23.38 1.55 0.00	22.92 1.58 0.00	22.65 1.58 0.00	2																		

RAVENSWOOD___1 23533	29.03 2.12 -0.01	26.24 1.94 -0.01	23.50 1.66 -0.01	23.03 1.69 -0.01	22.75 1.66 -0.01	25.00 1.68 0.00	29.37 2.05 0.00	32.57 2.41 0.00	32.09 2.57 0.00	30.89 2.40 -3.78	32.21 2.51 -3.58	36.55 2.56 -7.61	37.44 2.60 -8.03	38.33 2.73 -8.52	39.30 2.77 -9.60	41.27 2.88 -9.03	47.83 3.49 -9.04	61.31 4.29 -11.92	64.02 4.43 -10.39	56.08 4.43 -1.84	48.29 3.74 0.00	43.89 3.29 0.00	37.38 3.15 0.00	32.89 2.72 0.00
RAVENSWOOD___2 23534	29.03 2.12 -0.01	26.22 1.92 -0.01	23.48 1.64 -0.01	23.03 1.69 -0.01	22.75 1.66 -0.01	25.00 1.68 0.00	29.37 2.05 0.00	32.57 2.41 0.00	32.09 2.57 0.00	30.87 2.37 -3.78	32.21 2.51 -3.58	36.55 2.56 -7.61	37.41 2.57 -8.03	38.33 2.73 -8.52	39.30 2.77 -9.60	41.27 2.88 -9.03	47.83 3.49 -9.04	61.31 4.29 -11.92	64.02 4.43 -10.39	56.08 4.43 -1.84	48.29 3.74 0.00	43.89 3.29 0.00	37.38 3.15 0.00	32.86 2.68 0.00
RAVENSWOOD___3 23535	28.92 2.02 0.00	26.11 1.82 0.00	23.38 1.55 0.00	22.94 1.60 0.00	22.66 1.58 0.00	24.95 1.63 0.00	29.31 1.99 0.00	32.57 2.41 0.00	32.06 2.54 0.00	30.85 2.35 -3.78	32.18 2.48 -3.58	36.53 2.53 -7.61	37.44 2.60 -8.03	38.33 2.73 -8.52	39.30 2.77 -9.60	41.30 2.91 -9.03	47.86 3.53 -9.04	61.40 4.37 -11.92	64.17 4.58 -10.39	56.22 4.58 -1.84	48.47 3.92 0.00	43.93 3.33 0.00	37.25 3.01 0.00	32.74 2.56 0.00
RAVENSWOOD___4 23820	29.01 2.10 -0.01	26.22 1.92 -0.01	23.48 1.64 -0.01	23.03 1.69 -0.01	22.75 1.66 -0.01	25.00 1.68 0.00	29.34 2.02 0.00	32.57 2.41 0.00	32.06 2.54 0.00	30.87 2.37 -3.78	32.18 2.48 -3.58	36.53 2.53 -7.61	37.41 2.57 -8.03	38.33 2.73 -8.52	39.27 2.75 -9.60	41.24 2.85 -9.03	47.80 3.46 -9.04	61.26 4.24 -11.92	64.02 4.43 -10.39	56.07 4.43 -1.84	48.29 3.74 0.00	43.85 3.25 0.00	37.38 3.15 0.00	32.86 2.68 0.00
RCPL_TRUST___DRP 24196	28.89 1.99 0.00	26.11 1.82 0.00	23.38 1.55 0.00	22.92 1.58 0.00	22.65 1.58 0.00	24.93 1.61 0.00	29.32 1.99 0.00	32.62 2.47 0.00	32.24 2.72 0.00	30.84 2.47 -3.66	31.95 2.64 -3.19	36.02 2.69 -6.94	37.13 2.73 -7.58	38.13 2.82 -8.24	38.76 2.85 -8.99	41.01 3.02 -8.61	47.95 3.60 -9.06	61.51 4.47 -11.94	64.28 4.67 -10.40	56.38 4.73 -1.84	48.52 3.97 0.00	43.97 3.37 0.00	37.25 3.01 0.00	32.74 2.57 0.00
RED___ROCHESTER 323720	26.85 -0.05 0.00	24.07 -0.22 0.00	21.74 -0.09 0.00	21.08 -0.26 0.00	20.90 -0.17 0.00	23.16 -0.16 0.00	27.10 -0.22 0.00	29.79 -0.36 0.00	29.28 -0.24 0.00	24.29 -0.42 0.00	25.99 -0.13 0.00	26.17 -0.21 0.00	26.57 -0.24 0.00	26.94 -0.13 0.00	26.84 -0.08 0.00	29.34 -0.03 0.00	35.15 -0.14 0.00	44.79 -0.31 0.00	49.30 0.10 0.00	49.96 0.15 0.00	44.51 -0.04 0.00	40.48 -0.12 0.00	34.34 0.10 0.00	30.84 0.66 0.00
REGAN___SOLAR 323812	28.89 1.99 0.00	26.04 1.75 0.00	23.32 1.49 0.00	22.77 1.43 0.00	22.51 1.43 0.00	24.93 1.61 0.00	29.07 1.75 0.00	31.78 1.63 0.00	31.02 1.50 0.00	25.50 1.06 0.28	27.11 1.10 0.10	27.15 1.08 0.31	27.40 1.07 0.48	27.62 1.16 0.62	27.61 1.21 0.52	30.19 1.41 0.59	36.15 1.69 0.84	46.43 2.43 1.10	51.39 3.15 0.96	53.38 3.74 0.17	48.38 3.83 0.00	44.05 3.45 0.00	36.97 2.74 0.00	32.41 2.23 0.00
RENSSELAER___COGEN 23796	27.57 0.67 0.00	24.95 0.66 0.00	22.40 0.57 0.00	21.89 0.55 0.00	21.60 0.53 0.00	23.81 0.49 0.00	27.79 0.46 0.00	30.66 0.51 0.00	30.05 0.53 0.00	24.85 0.52 0.38	26.49 0.57 0.20	26.47 0.61 0.52	26.74 0.64 0.71	26.97 0.76 0.86	26.97 0.84 0.79	29.37 0.85 0.85	35.14 0.95 1.11	44.72 1.08 1.46	49.01 1.08 1.27	50.68 1.09 0.22	45.62 1.07 0.00	41.58 0.97 0.00	34.99 0.75 0.00	30.81 0.63 0.00
REPUBLIC_115KV_BARTNBRK 55605	30.40 3.50 0.00	27.30 3.01 0.00	24.34 2.51 0.00	23.71 2.37 0.00	23.43 2.36 0.00	26.14 2.82 0.00	30.85 3.52 0.00	33.89 3.74 0.00	33.15 3.63 0.00	27.08 2.72 0.35	28.86 2.87 0.13	29.02 3.03 0.40	29.04 2.84 0.61	29.32 3.03 0.79	29.40 3.15 0.67	32.11 3.49 0.75	37.79 3.56 1.07	48.34 4.65 1.40	53.92 5.95 1.23	55.82 6.23 0.22	50.97 6.42 0.00	46.17 5.56 0.00	38.65 4.42 0.00	33.68 3.50 0.00
REVERE_CPPR_DRP 24186	27.79 0.89 0.00	25.09 0.80 0.00	22.46 0.63 0.00	21.98 0.64 0.00	21.71 0.63 0.00	24.09 0.77 0.00	28.22 0.90 0.00	31.15 1.00 0.00	30.38 0.86 0.00	25.16 0.44 0.00	26.59 0.47 0.00	26.86 0.47 0.00	27.29 0.48 0.00	27.51 0.43 0.00	27.46 0.54 0.00	30.04 0.68 0.00	36.39 1.09 0.00	46.64 1.53 0.00	51.32 2.12 0.00	52.15 2.34 0.00	46.69 2.14 0.00	42.55 1.95 0.00	35.74 1.51 0.00	31.41 1.24 0.00
REYNLDPA_13_KV_LD 356490	26.23 -0.67 0.00	23.78 -0.51 0.00	21.37 -0.46 0.00	20.93 -0.41 0.00	20.61 -0.46 0.00	22.90 -0.42 0.00	26.83 -0.49 0.00	29.76 -0.39 0.00	28.99 -0.53 0.00	24.27 -0.44 0.00	25.49 -0.63 0.00	25.72 -0.66 0.00	26.16 -0.64 0.00	26.45 -0.62 0.00	26.19 -0.73 0.00	28.55 -0.82 0.00	34.27 -1.02 0.00	43.97 -1.13 0.00	47.82 -1.38 0.00	48.36 -1.44 0.00	43.26 -1.29 0.00	39.51 -1.10 0.00	33.34 -0.89 0.00	29.33 -0.84 0.00
REYNOLDS_115KV_TB3 80639	27.79 0.89 0.00	25.14 0.85 0.00	22.57 0.74 0.00	22.06 0.73 0.00	21.79 0.72 0.00	24.00 0.68 0.00	28.00 0.68 0.00	30.94 0.78 0.00	30.35 0.83 0.00	25.07 0.77 0.41	26.77 0.86 0.21	26.73 0.90 0.55	27.00 0.94 0.75	27.16 1.00 0.92	27.16 1.08 0.84	29.56 1.09 0.90	35.39 1.27 1.17	45.04 1.49 1.55	49.38 1.53 1.35	51.06 1.49 0.24	46.02 1.47 0.00	41.94 1.34 0.00	35.29 1.06 0.00	31.05 0.88 0.00
RIVERBAY____ 323610	29.38 2.47 -0.01	26.56 2.26 -0.01	23.78 1.94 -0.01	23.33 1.98 -0.01	23.06 1.98 -0.01	25.23 1.91 0.00	29.56 2.24 0.00	32.75 2.59 0.00	32.35 2.83 0.00	30.68 2.50 -3.46	31.36 2.64 -2.60	34.98 2.69 -5.91	36.41 2.71 -6.89	37.68 2.82 -7.79	37.79 2.85 -8.02	40.27 2.94 -7.96	47.90 3.56 -9.04	61.44 4.42 -11.91	64.26 4.67 -10.38	56.37 4.73 -1.83	48.47 3.92 0.00	44.26 3.65 0.00	37.87 3.63 -0.01	33.29 3.11 -0.01
RIVERSDE_115KV_TB3 55908	27.71 0.81 0.00	25.07 0.78 0.00	22.49 0.65 0.00	21.98 0.64 0.00	21.71 0.63 0.00	23.90 0.58 0.00	27.90 0.57 0.00	30.85 0.69 0.00	30.26 0.74 0.00	25.01 0.69 0.40	26.70 0.78 0.21	26.66 0.82 0.54	26.94 0.86 0.73	27.08 0.89 0.89	27.07 0.97 0.82	29.49 1.00 0.87	35.27 1.13 1.15	44.90 1.31 1.51	49.21 1.33 1.32	50.92 1.34 0.23	45.89 1.34 0.00	41.78 1.18 0.00	35.16 0.92 0.00	30.93 0.75 0.00
ROARING___BROOK_WT_PWR 323790	26.31 -0.59 0.00	23.80 -0.49 0.00	21.39 -0.44 0.00	20.91 -0.43 0.00	20.63 -0.44 0.00	22.85 -0.47 0.00	26.83 -0.49 0.00	29.70 -0.45 0.00	29.08 -0.44 0.00	24.29 -0.42 0.00	25.60 -0.52 0.00	25.83 -0.56 0.00	26.19 -0.62 0.00	26.46 -0.62 0.00	26.28 -0.65 0.00	28.66 -0.71 0.00	34.44 -0.85 0.00	44.15 -0.95 0.00	48.17 -1.04 0.00	48.71 -1.10 0.00	43.48 -1.07 0.00	39.55 -1.06 0.00	33.27 -0.96 0.00	29.30 -0.88 0.00

ROCHESRG_115KV_T4 355643	26.55 -0.35 0.00	23.78 -0.51 0.00	21.48 -0.35 0.00	20.89 -0.45 0.00	20.67 -0.40 0.00	22.95 -0.37 0.00	26.91 -0.41 0.00	29.49 -0.66 0.00	28.84 -0.68 0.00	24.00 -0.72 0.00	25.62 -0.50 0.00	25.83 -0.55 0.00	26.22 -0.59 0.00	26.56 -0.51 0.00	26.44 -0.48 0.00	28.90 -0.47 0.00	34.59 -0.71 0.00	44.11 -0.99 0.00	48.51 -0.69 0.00	49.11 -0.70 0.00	43.79 -0.76 0.00	39.79 -0.81 0.00	33.82 -0.41 0.00	30.39 0.21 0.00
ROCHESTER_9_IC 23652	26.74 -0.16 0.00	23.97 -0.32 0.00	21.63 -0.20 0.00	21.04 -0.30 0.00	20.82 -0.25 0.00	23.09 -0.23 0.00	27.10 -0.22 0.00	29.70 -0.45 0.00	29.05 -0.47 0.00	24.17 -0.54 0.00	25.83 -0.29 0.00	26.01 -0.37 0.00	26.41 -0.40 0.00	26.78 -0.30 0.00	26.68 -0.24 0.00	29.16 -0.21 0.00	34.90 -0.39 0.00	44.52 -0.59 0.00	49.00 -0.20 0.00	49.61 -0.20 0.00	44.19 -0.36 0.00	40.20 -0.41 0.00	34.13 -0.10 0.00	30.66 0.48 0.00
ROCKVIEW_13_KV_LD 356306	28.89 1.99 0.00	26.09 1.80 0.00	23.36 1.53 0.00	22.90 1.56 0.00	22.61 1.54 0.00	24.91 1.59 0.00	29.26 1.94 0.00	32.53 2.38 0.00	32.12 2.60 0.00	29.84 2.32 -2.80	29.18 2.48 -0.58	31.37 2.56 -2.43	33.97 2.60 -4.56	36.07 2.71 -6.28	34.45 2.75 -4.78	38.06 2.91 -5.78	47.87 3.53 -9.05	61.45 4.42 -11.93	64.27 4.67 -10.39	56.33 4.68 -1.84	48.61 4.05 0.00	44.01 3.41 0.00	37.21 2.98 0.00	32.65 2.47 0.00
ROME____115KV_TB2 80656	27.79 0.89 0.00	25.09 0.80 0.00	22.46 0.63 0.00	21.98 0.64 0.00	21.71 0.63 0.00	24.09 0.77 0.00	28.22 0.90 0.00	31.15 1.00 0.00	30.38 0.86 0.00	25.16 0.44 0.00	26.59 0.47 0.00	26.86 0.47 0.00	27.29 0.48 0.00	27.51 0.43 0.00	27.46 0.54 0.00	30.04 0.68 0.00	36.39 1.09 0.00	46.64 1.53 0.00	51.32 2.12 0.00	52.15 2.34 0.00	46.69 2.14 0.00	42.55 1.95 0.00	35.74 1.51 0.00	31.41 1.24 0.00
ROSETON___1 23587	28.46 1.56 0.00	25.72 1.43 0.00	23.07 1.24 0.00	22.60 1.26 0.00	22.32 1.24 0.00	24.58 1.26 0.00	28.82 1.50 0.00	31.93 1.78 0.00	31.38 1.86 0.00	28.68 1.70 -2.26	28.68 1.83 -0.73	30.63 1.87 -2.38	32.60 1.93 -3.86	34.21 2.06 -5.07	33.18 2.10 -4.16	36.35 2.20 -4.78	44.97 2.68 -7.00	57.67 3.34 -9.23	60.78 3.54 -8.04	54.77 3.54 -1.42	47.62 3.07 0.00	43.20 2.60 0.00	36.49 2.26 0.00	32.08 1.90 0.00
ROSETON___2 23588	28.46 1.56 0.00	25.72 1.43 0.00	23.07 1.24 0.00	22.60 1.26 0.00	22.32 1.24 0.00	24.58 1.26 0.00	28.82 1.50 0.00	31.93 1.78 0.00	31.38 1.86 0.00	28.68 1.70 -2.26	28.68 1.83 -0.73	30.63 1.87 -2.38	32.60 1.93 -3.86	34.21 2.06 -5.07	33.18 2.10 -4.16	36.35 2.20 -4.78	44.97 2.68 -7.00	57.67 3.34 -9.23	60.78 3.54 -8.04	54.77 3.54 -1.42	47.62 3.07 0.00	43.20 2.60 0.00	36.49 2.26 0.00	32.08 1.90 0.00
ROTRRDAM_115KV_TB3 80664	27.87 0.97 0.00	25.19 0.90 0.00	22.62 0.79 0.00	22.11 0.77 0.00	21.83 0.76 0.00	24.09 0.77 0.00	28.17 0.85 0.00	31.09 0.93 0.00	30.44 0.92 0.00	25.15 0.77 0.33	26.80 0.81 0.13	26.85 0.84 0.38	27.06 0.83 0.58	27.22 0.89 0.75	27.23 0.94 0.63	29.66 1.00 0.71	35.41 1.13 1.01	45.17 1.40 1.33	49.66 1.62 1.16	51.30 1.69 0.21	46.24 1.69 0.00	42.10 1.50 0.00	35.47 1.23 0.00	31.20 1.03 0.00
RUSSELL___1 23602	26.85 -0.05 0.00	24.07 -0.22 0.00	21.74 -0.09 0.00	21.13 -0.21 0.00	20.91 -0.17 0.00	23.18 -0.14 0.00	27.21 -0.11 0.00	29.85 -0.30 0.00	29.20 -0.32 0.00	24.27 -0.44 0.00	25.96 -0.16 0.00	26.14 -0.24 0.00	26.54 -0.27 0.00	26.94 -0.14 0.00	26.87 -0.05 0.00	29.34 -0.03 0.00	35.15 -0.14 0.00	44.83 -0.27 0.00	49.30 0.10 0.00	49.96 0.15 0.00	44.51 -0.04 0.00	40.48 -0.12 0.00	34.34 0.10 0.00	30.84 0.66 0.00
RUSSELL___2 23532	26.85 -0.05 0.00	24.07 -0.22 0.00	21.74 -0.09 0.00	21.13 -0.21 0.00	20.91 -0.17 0.00	23.18 -0.14 0.00	27.21 -0.11 0.00	29.85 -0.30 0.00	29.20 -0.32 0.00	24.27 -0.44 0.00	25.96 -0.16 0.00	26.14 -0.24 0.00	26.54 -0.27 0.00	26.94 -0.14 0.00	26.87 -0.05 0.00	29.34 -0.03 0.00	35.15 -0.14 0.00	44.83 -0.27 0.00	49.30 0.10 0.00	49.96 0.15 0.00	44.51 -0.04 0.00	40.48 -0.12 0.00	34.34 0.10 0.00	30.84 0.66 0.00
RUSSELL___3 23549	26.85 -0.05 0.00	24.07 -0.22 0.00	21.74 -0.09 0.00	21.13 -0.21 0.00	20.91 -0.17 0.00	23.18 -0.14 0.00	27.21 -0.11 0.00	29.85 -0.30 0.00	29.20 -0.32 0.00	24.27 -0.44 0.00	25.96 -0.16 0.00	26.14 -0.24 0.00	26.54 -0.27 0.00	26.94 -0.14 0.00	26.87 -0.05 0.00	29.34 -0.03 0.00	35.15 -0.14 0.00	44.83 -0.27 0.00	49.30 0.10 0.00	49.96 0.15 0.00	44.51 -0.04 0.00	40.48 -0.12 0.00	34.34 0.10 0.00	30.84 0.66 0.00
RUSSELL___4 23556	26.85 -0.05 0.00	24.07 -0.22 0.00	21.74 -0.09 0.00	21.13 -0.21 0.00	20.91 -0.17 0.00	23.18 -0.14 0.00	27.21 -0.11 0.00	29.85 -0.30 0.00	29.20 -0.32 0.00	24.27 -0.44 0.00	25.96 -0.16 0.00	26.14 -0.24 0.00	26.54 -0.27 0.00	26.94 -0.14 0.00	26.87 -0.05 0.00	29.34 -0.03 0.00	35.15 -0.14 0.00	44.83 -0.27 0.00	49.30 0.10 0.00	49.96 0.15 0.00	44.51 -0.04 0.00	40.48 -0.12 0.00	34.34 0.10 0.00	30.84 0.66 0.00
RUSSELL___STATION 23914	26.85 -0.05 0.00	24.07 -0.22 0.00	21.74 -0.09 0.00	21.13 -0.21 0.00	20.91 -0.17 0.00	23.18 -0.14 0.00	27.21 -0.11 0.00	29.85 -0.30 0.00	29.20 -0.32 0.00	24.27 -0.44 0.00	25.96 -0.16 0.00	26.14 -0.24 0.00	26.54 -0.27 0.00	26.94 -0.14 0.00	26.87 -0.05 0.00	29.34 -0.03 0.00	35.15 -0.14 0.00	44.83 -0.27 0.00	49.30 0.10 0.00	49.96 0.15 0.00	44.51 -0.04 0.00	40.48 -0.12 0.00	34.34 0.10 0.00	30.84 0.66 0.00
S SALMON___HYD 24043	26.90 0.00 0.00	24.27 -0.02 0.00	21.77 -0.07 0.00	21.25 -0.09 0.00	21.03 -0.04 0.00	23.27 -0.05 0.00	27.27 -0.05 0.00	30.03 -0.12 0.00	29.34 -0.18 0.00	24.37 -0.35 0.00	25.78 -0.34 0.00	26.09 -0.29 0.00	26.49 -0.32 0.00	26.67 -0.41 0.00	26.60 -0.32 0.00	29.02 -0.35 0.00	35.01 -0.28 0.00	44.88 -0.22 0.00	49.30 0.10 0.00	50.11 0.30 0.00	44.82 0.27 0.00	40.89 0.29 0.00	34.41 0.17 0.00	30.30 0.12 0.00
S.PERRY___115KV_TB1 80734	27.30 0.40 0.00	24.48 0.19 0.00	22.11 0.28 0.00	21.49 0.15 0.00	21.28 0.21 0.00	23.62 0.30 0.00	27.76 0.44 0.00	30.18 0.03 0.00	29.20 -0.32 0.00	24.14 -0.67 -0.09	37.42 -0.65 -11.95	31.43 -1.56 -6.60	38.45 -1.61 -13.25	39.70 -1.57 -14.19	39.64 -1.43 -14.14	43.14 -1.44 -15.21	51.36 -1.76 -17.83	65.23 -1.98 -22.11	71.73 -1.43 -23.95	57.45 -1.00 -8.63	43.88 -0.67 0.00	39.91 -0.69 0.00	34.92 0.68 0.00	31.35 1.18 0.00
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	26.25 -0.65 0.00	23.29 -1.00 0.00	21.15 -0.68 0.00	20.57 -0.77 0.00	20.34 -0.74 0.00	22.64 -0.68 0.00	26.58 -0.74 0.00	28.80 -1.36 0.00	28.28 -1.24 0.00	23.53 -1.26 -0.08	22.49 -1.28 2.35	23.78 -1.40 1.21	22.86 -1.47 2.47	23.06 -1.41 2.61	22.88 -1.40 2.64	25.07 -1.47 2.83	30.12 -1.91 3.27	38.28 -2.80 4.03	42.30 -2.46 4.44	45.60 -2.54 1.66	42.59 -1.96 0.00	38.69 -1.91 0.00	33.24 -0.99 0.00	30.30 0.12 0.00

SAWYER___23_KV_LOAD 55526	26.25 -0.65 0.00	23.29 -1.00 0.00	21.15 -0.68 0.00	20.57 -0.77 0.00	20.34 -0.74 0.00	22.64 -0.68 0.00	26.58 -0.74 0.00	28.80 -1.36 0.00	28.28 -1.24 0.00	23.53 -1.26 -0.08	22.49 -1.28 2.35	23.78 -1.40 1.21	22.86 -1.47 2.47	23.06 -1.41 2.61	22.88 -1.40 2.64	25.07 -1.47 2.83	30.12 -1.91 3.27	38.28 -2.80 4.03	42.30 -2.46 4.44	45.60 -2.54 1.66	42.59 -1.96 0.00	38.69 -1.91 0.00	33.24 -0.99 0.00	30.30 0.12 0.00
SELKIRK___I 23801	27.73 0.83 0.00	25.09 0.80 0.00	22.55 0.72 0.00	22.04 0.70 0.00	21.77 0.69 0.00	23.95 0.63 0.00	27.98 0.65 0.00	30.79 0.63 0.00	30.11 0.59 0.00	25.00 0.52 0.24	26.58 0.55 0.09	26.69 0.58 0.27	26.98 0.59 0.41	27.22 0.68 0.53	27.20 0.73 0.45	29.60 0.73 0.51	35.46 0.88 0.72	45.24 1.08 0.94	49.61 1.23 0.82	51.01 1.35 0.15	45.84 1.29 0.00	41.82 1.22 0.00	35.23 0.99 0.00	31.02 0.84 0.00
SELKIRK___II 23799	27.63 0.73 0.00	25.02 0.73 0.00	22.46 0.63 0.00	21.98 0.64 0.00	21.69 0.61 0.00	23.88 0.56 0.00	27.92 0.60 0.00	30.81 0.66 0.00	30.17 0.65 0.00	24.98 0.62 0.36	26.61 0.68 0.19	26.61 0.71 0.48	26.90 0.75 0.66	27.09 0.81 0.80	27.05 0.86 0.74	29.49 0.91 0.79	35.32 1.06 1.02	45.01 1.26 1.35	49.35 1.33 1.18	50.89 1.29 0.21	45.80 1.25 0.00	41.74 1.14 0.00	35.12 0.89 0.00	30.93 0.75 0.00
SENECA OSWGO___HYD 24041	26.50 -0.40 0.00	23.90 -0.39 0.00	21.48 -0.35 0.00	20.96 -0.38 0.00	20.74 -0.34 0.00	22.92 -0.40 0.00	26.91 -0.41 0.00	29.61 -0.54 0.00	28.99 -0.53 0.00	24.19 -0.52 0.00	25.62 -0.50 0.00	25.88 -0.50 0.00	26.30 -0.51 0.00	26.46 -0.62 0.00	26.38 -0.54 0.00	28.81 -0.56 0.00	34.66 -0.63 0.00	44.33 -0.77 0.00	48.51 -0.69 0.00	49.16 -0.65 0.00	43.97 -0.58 0.00	40.03 -0.57 0.00	33.72 -0.51 0.00	29.75 -0.42 0.00
SENECA___115KV_TB3 355854	26.44 -0.46 0.00	23.46 -0.83 0.00	21.33 -0.50 0.00	20.74 -0.60 0.00	20.50 -0.57 0.00	22.85 -0.47 0.00	26.83 -0.49 0.00	29.10 -1.06 0.00	28.58 -0.94 0.00	23.79 -1.01 -0.08	22.91 -1.25 1.96	24.02 -1.37 0.99	23.35 -1.42 2.04	23.55 -1.38 2.15	23.40 -1.35 2.18	25.63 -1.41 2.33	30.85 -1.76 2.68	39.14 -2.66 3.30	43.23 -2.31 3.66	46.04 -2.39 1.38	42.99 -1.56 0.00	39.10 -1.50 0.00	33.58 -0.65 0.00	30.57 0.39 0.00
SENECA___ENERGY 23797	26.82 -0.08 0.00	24.12 -0.17 0.00	21.70 -0.13 0.00	21.13 -0.21 0.00	20.93 -0.15 0.00	23.18 -0.14 0.00	27.27 -0.05 0.00	29.97 -0.18 0.00	29.31 -0.21 0.00	24.37 -0.35 0.00	26.63 -0.31 -0.83	26.49 -0.34 -0.45	27.34 -0.38 -0.91	27.64 -0.41 -0.97	27.59 -0.30 -0.97	30.14 -0.26 -1.04	36.15 -0.35 -1.21	46.24 -0.36 -1.50	50.79 -0.05 -1.63	50.40 0.00 -0.59	44.51 -0.04 0.00	40.60 0.00 0.00	34.23 0.00 0.00	30.39 0.21 0.00
SHOEMAKER___GT 23640	28.24 1.34 0.00	25.53 1.24 0.00	22.88 1.05 0.00	22.43 1.09 0.00	22.13 1.05 0.00	24.42 1.10 0.00	28.63 1.31 0.00	31.69 1.54 0.00	31.11 1.59 0.00	28.57 1.41 -2.44	28.97 1.51 -1.34	31.35 1.56 -3.41	32.95 1.61 -4.54	34.31 1.73 -5.49	33.81 1.78 -5.11	36.66 1.88 -5.41	44.53 2.29 -6.95	57.19 2.93 -9.16	60.33 3.15 -7.98	54.41 3.19 -1.41	47.27 2.72 0.00	42.92 2.31 0.00	36.25 2.02 0.00	31.87 1.69 0.00
SHOEMAKR_138KV_BK 111 55601	28.24 1.34 0.00	25.55 1.26 0.00	22.90 1.07 0.00	22.43 1.09 0.00	22.15 1.07 0.00	24.42 1.10 0.00	28.63 1.31 0.00	31.72 1.57 0.00	31.20 1.68 0.00	28.60 1.48 -2.40	29.01 1.59 -1.30	31.34 1.64 -3.33	32.94 1.69 -4.44	34.23 1.76 -5.39	33.72 1.80 -5.00	36.58 1.91 -5.30	44.46 2.33 -6.83	57.04 2.93 -9.01	60.25 3.20 -7.85	54.38 3.19 -1.39	47.27 2.72 0.00	42.92 2.31 0.00	36.25 2.02 0.00	31.87 1.69 0.00
SHOREHAM_IC_1 23715	32.12 2.53 -2.69	28.71 2.48 -1.94	26.79 2.18 -2.78	26.10 2.24 -2.52	26.45 2.28 -3.10	27.54 2.35 -1.87	30.69 2.73 -0.63	37.83 3.08 -4.60	36.93 3.10 -4.31	38.45 2.79 -10.94	38.33 2.87 -9.34	37.01 2.74 -7.88	38.94 2.57 -9.56	40.02 2.71 -10.24	40.83 2.64 -11.27	42.77 2.70 -10.70	54.19 3.11 -15.79	81.48 4.10 -32.28	68.26 4.33 -14.73	58.08 4.43 -3.84	51.03 3.87 -2.60	44.02 3.41 -0.01	39.97 3.08 -2.66	36.89 2.44 -4.27
SHOREHAM_IC_2 23716	32.12 2.53 -2.69	28.70 2.48 -1.94	26.79 2.18 -2.78	26.10 2.24 -2.52	26.45 2.28 -3.10	27.52 2.33 -1.87	30.66 2.70 -0.63	37.89 3.14 -4.60	37.07 3.25 -4.31	38.50 2.84 -10.94	38.38 2.93 -9.34	37.11 2.85 -7.88	39.02 2.65 -9.56	40.16 2.84 -10.24	40.83 2.64 -11.27	42.77 2.70 -10.70	54.19 3.11 -15.79	81.44 4.06 -32.28	68.21 4.28 -14.73	58.08 4.43 -3.84	51.03 3.88 -2.60	44.02 3.41 -0.01	39.97 3.08 -2.66	36.92 2.47 -4.27
SISSONVILLE___ 23735	26.01 -0.89 0.00	23.61 -0.68 0.00	21.18 -0.65 0.00	20.74 -0.60 0.00	20.44 -0.63 0.00	22.76 -0.56 0.00	26.69 -0.63 0.00	29.64 -0.51 0.00	28.69 -0.83 0.00	23.90 -0.82 0.00	25.10 -1.02 0.00	25.33 -1.06 0.00	25.76 -1.05 0.00	26.02 -1.06 0.00	25.79 -1.13 0.00	28.08 -1.29 0.00	33.42 -1.87 0.00	42.76 -2.35 0.00	46.64 -2.56 0.00	47.27 -2.54 0.00	42.41 -2.14 0.00	39.02 -1.58 0.00	33.27 -0.96 0.00	29.21 -0.97 0.00
SITHE_IND_GS1 24169	26.28 -0.62 0.00	23.71 -0.58 0.00	21.33 -0.50 0.00	20.81 -0.53 0.00	20.59 -0.48 0.00	22.76 -0.56 0.00	26.69 -0.63 0.00	29.34 -0.81 0.00	28.72 -0.80 0.00	24.02 -0.69 0.00	25.44 -0.68 0.00	25.67 -0.71 0.00	26.09 -0.72 0.00	26.24 -0.84 0.00	26.14 -0.78 0.00	28.52 -0.85 0.00	34.27 -1.02 0.00	43.79 -1.31 0.00	47.87 -1.33 0.00	48.47 -1.34 0.00	43.35 -1.20 0.00	39.47 -1.14 0.00	33.31 -0.92 0.00	29.42 -0.75 0.00
SITHE_IND_GS2 24170	26.28 -0.62 0.00	23.71 -0.58 0.00	21.33 -0.50 0.00	20.81 -0.53 0.00	20.59 -0.48 0.00	22.76 -0.56 0.00	26.69 -0.63 0.00	29.34 -0.81 0.00	28.72 -0.80 0.00	24.02 -0.69 0.00	25.44 -0.68 0.00	25.67 -0.71 0.00	26.09 -0.72 0.00	26.24 -0.84 0.00	26.14 -0.78 0.00	28.52 -0.85 0.00	34.27 -1.02 0.00	43.79 -1.31 0.00	47.87 -1.33 0.00	48.47 -1.34 0.00	43.35 -1.20 0.00	39.47 -1.14 0.00	33.31 -0.92 0.00	29.42 -0.75 0.00
SITHE_IND_GS3 24171	26.28 -0.62 0.00	23.71 -0.58 0.00	21.33 -0.50 0.00	20.81 -0.53 0.00	20.59 -0.48 0.00	22.76 -0.56 0.00	26.69 -0.63 0.00	29.34 -0.81 0.00	28.72 -0.80 0.00	24.02 -0.69 0.00	25.44 -0.68 0.00	25.67 -0.71 0.00	26.09 -0.72 0.00	26.24 -0.84 0.00	26.14 -0.78 0.00	28.52 -0.85 0.00	34.27 -1.02 0.00	43.79 -1.31 0.00	47.87 -1.33 0.00	48.47 -1.34 0.00	43.35 -1.20 0.00	39.47 -1.14 0.00	33.31 -0.92 0.00	29.42 -0.75 0.00
SITHE_IND_GS4 24172	26.28 -0.62 0.00	23.71 -0.58 0.00	21.33 -0.50 0.00	20.81 -0.53 0.00	20.59 -0.48 0.00	22.76 -0.56 0.00	26.69 -0.63 0.00	29.34 -0.81 0.00	28.72 -0.80 0.00	24.02 -0.69 0.00	25.44 -0.68 0.00	25.67 -0.71 0.00	26.09 -0.72 0.00	26.24 -0.84 0.00	26.14 -0.78 0.00	28.52 -0.85 0.00	34.27 -1.02 0.00	43.79 -1.31 0.00	47.87 -1.33 0.00	48.47 -1.34 0.00	43.35 -1.20 0.00	39.47 -1.14 0.00	33.31 -0.92 0.00	29.42 -0.75 0.00

SITHE____BATAVIA 24024	26.95 0.05 0.00	24.09 -0.20 0.00	21.83 0.00 0.00	21.10 -0.23 0.00	20.97 -0.10 0.00	23.30 -0.02 0.00	27.21 -0.11 0.00	29.79 -0.36 0.00	29.25 -0.27 0.00	24.19 -0.59 -0.07	23.89 -0.39 1.84	24.91 -0.53 0.94	24.31 -0.56 1.93	24.61 -0.43 2.04	24.48 -0.38 2.06	26.81 -0.35 2.21	31.94 -0.81 2.54	40.75 -1.22 3.14	45.10 -0.64 3.46	47.76 -0.75 1.30	44.06 -0.49 0.00	40.04 -0.57 0.00	34.17 -0.07 0.00	30.96 0.78 0.00
SITHE____INDEPEND 23800	26.28 -0.62 0.00	23.71 -0.58 0.00	21.33 -0.50 0.00	20.83 -0.51 0.00	20.59 -0.48 0.00	22.76 -0.56 0.00	26.69 -0.63 0.00	29.31 -0.84 0.00	28.66 -0.86 0.00	23.97 -0.74 0.00	25.36 -0.76 0.00	25.62 -0.77 0.00	26.03 -0.78 0.00	26.24 -0.84 0.00	26.14 -0.78 0.00	28.52 -0.85 0.00	34.27 -1.02 0.00	43.79 -1.31 0.00	47.87 -1.33 0.00	48.46 -1.34 0.00	43.35 -1.20 0.00	39.47 -1.14 0.00	33.31 -0.92 0.00	29.42 -0.75 0.00
SITHE____MASSENA 23902	26.20 -0.70 0.00	23.76 -0.53 0.00	21.33 -0.50 0.00	20.91 -0.43 0.00	20.59 -0.48 0.00	22.88 -0.44 0.00	26.86 -0.46 0.00	29.79 -0.36 0.00	28.93 -0.59 0.00	24.19 -0.52 0.00	25.44 -0.68 0.00	25.64 -0.74 0.00	26.09 -0.72 0.00	26.37 -0.70 0.00	26.14 -0.78 0.00	28.49 -0.88 0.00	34.16 -1.13 0.00	43.89 -1.22 0.00	47.68 -1.53 0.00	48.26 -1.54 0.00	43.26 -1.29 0.00	39.51 -1.09 0.00	33.38 -0.85 0.00	29.30 -0.88 0.00
SITHE____OGDNSBRG 24021	26.44 -0.46 0.00	24.00 -0.29 0.00	21.53 -0.31 0.00	21.10 -0.23 0.00	20.78 -0.30 0.00	23.16 -0.16 0.00	27.13 -0.19 0.00	30.12 -0.03 0.00	29.11 -0.41 0.00	24.22 -0.49 0.00	25.41 -0.71 0.00	25.59 -0.79 0.00	26.06 -0.75 0.00	26.32 -0.76 0.00	26.09 -0.83 0.00	28.43 -0.94 0.00	34.13 -1.16 0.00	43.93 -1.17 0.00	48.02 -1.18 0.00	48.76 -1.05 0.00	43.79 -0.76 0.00	40.07 -0.53 0.00	33.86 -0.38 0.00	29.66 -0.51 0.00
SITHE____STERLING 23777	27.65 0.75 0.00	24.95 0.66 0.00	22.35 0.52 0.00	21.85 0.51 0.00	21.60 0.53 0.00	23.95 0.63 0.00	28.06 0.74 0.00	30.97 0.81 0.00	30.23 0.71 0.00	25.11 0.39 0.00	26.54 0.42 0.00	26.80 0.42 0.00	27.24 0.43 0.00	27.46 0.38 0.00	27.41 0.49 0.00	29.96 0.59 0.00	36.21 0.92 0.00	46.36 1.26 0.00	50.92 1.72 0.00	51.70 1.89 0.00	46.29 1.74 0.00	42.15 1.54 0.00	35.43 1.20 0.00	31.14 0.97 0.00
SLEIGHT__34_KV_TB1 80719	26.58 -0.32 0.00	23.88 -0.41 0.00	21.53 -0.31 0.00	20.95 -0.38 0.00	20.74 -0.34 0.00	22.97 -0.35 0.00	27.02 -0.30 0.00	29.70 -0.45 0.00	29.02 -0.50 0.00	24.15 -0.57 0.00	25.70 -0.42 0.00	25.93 -0.45 0.00	26.33 -0.48 0.00	26.64 -0.43 0.00	26.60 -0.32 0.00	29.05 -0.32 0.00	34.87 -0.42 0.00	44.56 -0.54 0.00	48.95 -0.25 0.00	49.56 -0.25 0.00	44.19 -0.36 0.00	40.20 -0.41 0.00	33.99 -0.24 0.00	30.33 0.15 0.00
SMITHTWN_69_KV_BK 1 55830	32.30 2.69 -2.71	29.81 2.53 -2.99	28.33 2.20 -4.29	27.48 2.24 -3.90	28.09 2.23 -4.78	28.54 2.33 -2.89	31.06 2.76 -0.98	39.95 3.23 -6.57	39.50 3.37 -6.61	42.04 2.97 -14.36	38.73 3.13 -9.48	37.45 3.14 -7.92	39.51 3.11 -9.59	40.54 3.20 -10.26	41.36 3.12 -11.32	43.30 3.20 -10.73	54.93 3.78 -15.86	82.08 4.60 -32.38	69.01 4.87 -14.94	58.70 4.98 -3.91	51.75 4.54 -2.65	44.59 3.98 -0.01	40.63 3.63 -2.77	37.42 2.96 -4.29
SOUTH CAIRO____GT 23612	28.24 1.34 0.00	25.53 1.24 0.00	22.84 1.00 0.00	22.32 0.98 0.00	22.04 0.97 0.00	24.35 1.03 0.00	28.47 1.15 0.00	31.36 1.21 0.00	30.55 1.03 0.00	25.66 0.84 -0.10	27.02 0.86 -0.04	27.40 0.90 -0.12	27.96 0.97 -0.18	28.37 1.06 -0.24	28.36 1.24 -0.20	30.97 1.38 -0.22	37.34 1.73 -0.32	47.96 2.44 -0.42	52.67 3.10 -0.36	53.11 3.24 -0.06	47.40 2.85 0.00	43.16 2.56 0.00	36.15 1.92 0.00	31.72 1.54 0.00
SOUTH HAMPTN____IC 23720	32.33 2.75 -2.69	28.79 2.65 -1.86	26.85 2.36 -2.66	26.19 2.43 -2.42	26.50 2.46 -2.97	27.72 2.61 -1.79	31.02 3.09 -0.61	38.13 3.53 -4.45	37.22 3.57 -4.13	38.58 3.19 -10.68	38.73 3.29 -9.32	37.45 3.19 -7.87	39.41 3.06 -9.55	40.47 3.17 -10.23	41.25 3.07 -11.26	43.21 3.14 -10.69	54.74 3.67 -15.78	82.13 4.78 -32.25	68.89 5.02 -14.67	58.71 5.08 -3.82	51.56 4.41 -2.59	44.47 3.86 -0.01	40.24 3.39 -2.62	37.25 2.81 -4.26
SOUTHDOW_115KV_TB1 355954	26.74 -0.16 0.00	23.73 -0.56 0.00	21.55 -0.28 0.00	20.98 -0.36 0.00	20.76 -0.32 0.00	23.20 -0.12 0.00	27.32 0.00 0.00	29.70 -0.45 0.00	29.28 -0.24 0.00	24.26 -0.54 -0.09	24.49 -1.02 0.61	24.92 -1.21 0.25	24.89 -1.37 0.55	25.17 -1.35 0.55	24.99 -1.35 0.59	27.31 -1.44 0.62	32.88 -1.73 0.68	41.49 -2.80 0.82	45.82 -2.41 0.97	46.96 -2.44 0.41	43.21 -1.34 0.00	39.30 -1.30 0.00	33.65 -0.58 0.00	30.66 0.48 0.00
SOUTHOLD_69_KV_BK 2 55809	32.44 2.85 -2.69	28.92 2.77 -1.86	27.00 2.51 -2.66	26.36 2.60 -2.42	26.72 2.68 -2.97	28.03 2.91 -1.79	31.43 3.50 -0.61	38.70 4.10 -4.45	37.90 4.25 -4.13	39.08 3.68 -10.68	39.25 3.81 -9.32	37.95 3.69 -7.87	39.84 3.49 -9.55	40.88 3.57 -10.23	41.52 3.34 -11.26	43.50 3.44 -10.69	55.06 3.99 -15.78	82.59 5.23 -32.25	69.29 5.41 -14.67	59.16 5.53 -3.82	51.82 4.68 -2.59	44.67 4.06 -0.01	40.31 3.46 -2.62	37.43 2.99 -4.26
SOUTHOLD____IC 23719	32.44 2.85 -2.69	28.92 2.77 -1.86	27.00 2.51 -2.66	26.38 2.62 -2.42	26.72 2.68 -2.97	28.03 2.91 -1.79	31.46 3.53 -0.61	38.67 4.07 -4.45	37.75 4.10 -4.13	39.03 3.63 -10.68	39.17 3.73 -9.32	37.84 3.59 -7.87	39.79 3.43 -9.55	40.77 3.47 -10.23	41.52 3.34 -11.26	43.47 3.41 -10.69	55.06 3.99 -15.78	82.63 5.27 -32.25	69.33 5.46 -14.67	59.11 5.48 -3.82	51.82 4.68 -2.59	44.67 4.06 -0.01	40.31 3.46 -2.62	37.40 2.96 -4.26
SOUTH_FORK_WT_PWR 323839	32.23 2.64 -2.69	28.75 2.60 -1.86	26.89 2.40 -2.66	26.32 2.56 -2.42	26.70 2.66 -2.97	28.03 2.91 -1.79	31.48 3.55 -0.61	38.70 4.10 -4.45	37.81 4.16 -4.13	39.05 3.66 -10.68	39.17 3.73 -9.32	37.79 3.54 -7.87	39.68 3.32 -9.55	40.61 3.30 -10.23	41.30 3.12 -11.26	43.17 3.11 -10.69	54.71 3.64 -15.78	82.13 4.78 -32.25	68.74 4.87 -14.67	58.51 4.88 -3.82	51.24 4.10 -2.59	44.14 3.53 -0.01	39.83 2.98 -2.62	37.13 2.68 -4.26
SPIERFLS_115KV_TB 1 80737	28.84 1.94 0.00	26.01 1.72 0.00	23.27 1.44 0.00	22.70 1.37 0.00	22.44 1.37 0.00	24.86 1.54 0.00	29.12 1.80 0.00	32.11 1.96 0.00	31.44 1.92 0.00	25.85 1.48 0.35	27.58 1.59 0.13	27.64 1.66 0.40	27.64 1.45 0.61	27.83 1.54 0.79	27.84 1.59 0.67	30.35 1.73 0.75	35.50 1.27 1.07	45.28 1.58 1.40	50.29 2.31 1.23	51.98 2.39 0.22	47.22 2.67 0.00	42.92 2.31 0.00	36.12 1.88 0.00	31.66 1.48 0.00
ST LAWRENCE____ 23600	26.09 -0.81 0.00	23.61 -0.68 0.00	21.22 -0.61 0.00	20.78 -0.55 0.00	20.48 -0.59 0.00	22.74 -0.58 0.00	26.67 -0.66 0.00	29.55 -0.60 0.00	28.81 -0.71 0.00	24.12 -0.59 0.00	25.36 -0.76 0.00	25.62 -0.77 0.00	26.03 -0.78 0.00	26.29 -0.79 0.00	26.06 -0.86 0.00	28.43 -0.94 0.00	34.13 -1.16 0.00	43.75 -1.35 0.00	47.58 -1.62 0.00	48.11 -1.69 0.00	43.08 -1.47 0.00	39.30 -1.30 0.00	33.14 -1.10 0.00	29.18 -1.00 0.00

STATE_CA_115KV_115_LB 55624	27.71 0.81 0.00	25.07 0.78 0.00	22.49 0.65 0.00	21.96 0.62 0.00	21.68 0.61 0.00	23.90 0.58 0.00	27.90 0.57 0.00	30.85 0.69 0.00	30.26 0.74 0.00	25.00 0.67 0.39	26.70 0.78 0.20	26.68 0.82 0.52	26.96 0.86 0.71	27.10 0.89 0.87	27.10 0.97 0.80	29.55 1.03 0.85	35.31 1.13 1.11	44.94 1.31 1.47	49.30 1.38 1.28	50.98 1.39 0.23	45.93 1.38 0.00	41.82 1.22 0.00	35.19 0.96 0.00	30.96 0.78 0.00
STATE_ST_34_KV_LOAD 55959	27.01 0.11 0.00	24.34 0.05 0.00	21.87 0.04 0.00	21.32 -0.02 0.00	21.09 0.02 0.00	23.34 0.02 0.00	27.46 0.14 0.00	30.18 0.03 0.00	29.49 -0.03 0.00	24.57 -0.15 0.00	25.99 -0.13 0.00	26.28 -0.11 0.00	26.67 -0.13 0.00	26.92 -0.16 0.00	26.87 -0.05 0.00	29.37 0.00 0.00	35.29 0.00 0.00	45.24 0.14 0.00	49.69 0.49 0.00	50.36 0.55 0.00	45.00 0.45 0.00	40.97 0.37 0.00	34.51 0.27 0.00	30.51 0.33 0.00
STATION_5_MISC_HYD 23604	26.74 -0.16 0.00	23.97 -0.32 0.00	21.63 -0.20 0.00	20.98 -0.36 0.00	20.82 -0.25 0.00	23.06 -0.26 0.00	26.99 -0.33 0.00	29.64 -0.51 0.00	29.14 -0.38 0.00	24.17 -0.54 0.00	25.86 -0.26 0.00	26.04 -0.34 0.00	26.43 -0.38 0.00	26.78 -0.30 0.00	26.68 -0.24 0.00	29.16 -0.20 0.00	34.90 -0.39 0.00	44.51 -0.59 0.00	49.00 -0.20 0.00	49.61 -0.20 0.00	44.19 -0.36 0.00	40.20 -0.41 0.00	34.13 -0.10 0.00	30.66 0.48 0.00
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	26.71 -0.19 0.00	24.00 -0.29 0.00	21.63 -0.20 0.00	21.06 -0.28 0.00	20.84 -0.23 0.00	23.11 -0.21 0.00	27.16 -0.16 0.00	29.82 -0.33 0.00	29.14 -0.38 0.00	24.22 -0.49 0.00	25.75 -0.37 0.00	25.99 -0.40 0.00	26.38 -0.43 0.00	26.70 -0.38 0.00	26.65 -0.27 0.00	29.10 -0.26 0.00	34.90 -0.39 0.00	44.61 -0.50 0.00	49.00 -0.20 0.00	49.66 -0.15 0.00	44.33 -0.22 0.00	40.36 -0.24 0.00	34.13 -0.10 0.00	30.48 0.30 0.00
STA_56_34_KV_BUS2_REV_LBMP_B 345033	26.55 -0.35 0.00	23.80 -0.49 0.00	21.48 -0.35 0.00	20.91 -0.43 0.00	20.67 -0.40 0.00	22.95 -0.37 0.00	26.91 -0.41 0.00	29.55 -0.60 0.00	28.90 -0.62 0.00	24.05 -0.67 0.00	25.68 -0.44 0.00	25.88 -0.50 0.00	26.27 -0.54 0.00	26.64 -0.43 0.00	26.54 -0.38 0.00	29.02 -0.35 0.00	34.73 -0.56 0.00	44.29 -0.81 0.00	48.71 -0.49 0.00	49.31 -0.50 0.00	43.97 -0.58 0.00	39.95 -0.65 0.00	33.93 -0.31 0.00	30.42 0.24 0.00
STA_56___34_KV_BUS2 355983	26.55 -0.35 0.00	23.80 -0.49 0.00	21.48 -0.35 0.00	20.91 -0.43 0.00	20.67 -0.40 0.00	22.95 -0.37 0.00	26.91 -0.41 0.00	29.55 -0.60 0.00	28.90 -0.62 0.00	24.05 -0.67 0.00	25.68 -0.44 0.00	25.88 -0.50 0.00	26.27 -0.54 0.00	26.64 -0.43 0.00	26.54 -0.38 0.00	29.02 -0.35 0.00	34.73 -0.56 0.00	44.29 -0.81 0.00	48.71 -0.49 0.00	49.31 -0.50 0.00	43.97 -0.58 0.00	39.95 -0.65 0.00	33.93 -0.31 0.00	30.42 0.24 0.00
STA_67___115KV_BK2 355882	26.68 -0.22 0.00	23.93 -0.36 0.00	21.59 -0.24 0.00	21.00 -0.34 0.00	20.78 -0.30 0.00	23.06 -0.26 0.00	27.05 -0.27 0.00	29.64 -0.51 0.00	28.99 -0.53 0.00	24.12 -0.59 0.00	25.78 -0.34 0.00	25.96 -0.42 0.00	26.35 -0.46 0.00	26.73 -0.35 0.00	26.63 -0.30 0.00	29.08 -0.29 0.00	34.83 -0.46 0.00	44.38 -0.72 0.00	48.86 -0.34 0.00	49.46 -0.35 0.00	44.11 -0.45 0.00	40.07 -0.53 0.00	34.06 -0.17 0.00	30.57 0.39 0.00
STA_7___115KV_9TRANS 80674	26.85 -0.05 0.00	24.07 -0.22 0.00	21.74 -0.09 0.00	21.13 -0.21 0.00	20.91 -0.17 0.00	23.18 -0.14 0.00	27.21 -0.11 0.00	29.85 -0.30 0.00	29.20 -0.32 0.00	24.27 -0.44 0.00	25.96 -0.16 0.00	26.14 -0.24 0.00	26.54 -0.27 0.00	26.94 -0.14 0.00	26.87 -0.05 0.00	29.34 -0.03 0.00	35.15 -0.14 0.00	44.83 -0.27 0.00	49.30 0.10 0.00	49.96 0.15 0.00	44.51 -0.04 0.00	40.48 -0.12 0.00	34.34 0.10 0.00	30.84 0.66 0.00
STA_82___115KV_TB1 80780	26.66 -0.24 0.00	23.90 -0.39 0.00	21.57 -0.26 0.00	20.98 -0.36 0.00	20.76 -0.32 0.00	23.04 -0.28 0.00	27.02 -0.30 0.00	29.61 -0.54 0.00	28.96 -0.56 0.00	24.10 -0.62 0.00	25.75 -0.37 0.00	25.93 -0.45 0.00	26.33 -0.48 0.00	26.70 -0.38 0.00	26.60 -0.32 0.00	29.05 -0.32 0.00	34.80 -0.49 0.00	44.34 -0.77 0.00	48.81 -0.39 0.00	49.41 -0.40 0.00	44.02 -0.53 0.00	40.03 -0.57 0.00	34.03 -0.21 0.00	30.54 0.36 0.00
STEEL___WIND 323596	26.42 -0.48 0.00	23.44 -0.85 0.00	21.31 -0.52 0.00	20.63 -0.70 0.00	20.48 -0.59 0.00	22.78 -0.54 0.00	26.67 -0.66 0.00	28.91 -1.24 0.00	28.60 -0.92 0.00	23.71 -1.09 -0.08	22.91 -1.25 1.96	23.97 -1.42 0.99	23.30 -1.47 2.04	23.50 -1.44 2.15	23.34 -1.40 2.18	25.57 -1.47 2.33	30.77 -1.84 2.68	39.05 -2.75 3.30	43.18 -2.36 3.66	45.94 -2.49 1.38	42.95 -1.60 0.00	39.06 -1.54 0.00	33.51 -0.72 0.00	30.54 0.36 0.00
STEPHTWN_115KV_BK_2 55603	27.84 0.94 0.00	25.16 0.87 0.00	22.57 0.74 0.00	22.04 0.70 0.00	21.77 0.70 0.00	24.02 0.70 0.00	28.03 0.71 0.00	31.00 0.84 0.00	30.41 0.89 0.00	25.10 0.77 0.38	26.81 0.89 0.20	26.78 0.92 0.52	27.07 0.97 0.71	27.21 1.00 0.86	27.21 1.08 0.79	29.67 1.15 0.85	35.53 1.34 1.11	45.22 1.58 1.46	49.65 1.72 1.27	51.28 1.69 0.22	46.20 1.65 0.00	42.06 1.46 0.00	35.40 1.16 0.00	31.11 0.94 0.00
STEBEN_REC_LFGE 323667	26.76 -0.13 0.00	23.88 -0.41 0.00	21.57 -0.26 0.00	21.00 -0.34 0.00	20.80 -0.27 0.00	23.13 -0.19 0.00	27.27 -0.05 0.00	29.67 -0.48 0.00	28.81 -0.71 0.00	23.82 -1.01 -0.12	32.86 -1.33 -8.07	29.42 -1.48 -4.51	34.34 -1.50 -9.03	35.30 -1.46 -9.69	35.24 -1.32 -9.63	38.30 -1.44 -10.37	45.74 -1.73 -12.18	58.10 -2.12 -15.12	63.76 -1.77 -16.33	53.91 -1.74 -5.85	43.35 -1.20 0.00	39.38 -1.22 0.00	33.51 -0.72 0.00	30.18 0.00 0.00
STILLWATER___SOLAR 323814	28.51 1.61 0.00	25.72 1.43 0.00	23.07 1.24 0.00	22.53 1.19 0.00	22.25 1.18 0.00	24.60 1.28 0.00	28.74 1.42 0.00	31.60 1.45 0.00	30.91 1.39 0.00	25.45 1.11 0.38	27.10 1.18 0.19	27.11 1.24 0.51	27.32 1.21 0.70	27.55 1.33 0.85	27.54 1.40 0.78	30.06 1.53 0.83	35.79 1.59 1.10	45.69 2.03 1.44	50.35 2.41 1.26	52.12 2.54 0.22	47.13 2.58 0.00	42.96 2.35 0.00	36.11 1.88 0.00	31.75 1.57 0.00
STONY___BROOK 24151	32.29 2.69 -2.70	29.17 2.50 -2.38	27.42 2.18 -3.41	26.67 2.24 -3.10	27.11 2.23 -3.80	27.92 2.31 -2.29	30.86 2.76 -0.78	38.74 3.17 -5.42	38.01 3.22 -5.27	39.97 2.89 -12.37	38.55 3.03 -9.40	37.32 3.03 -7.91	39.39 3.00 -9.58	40.44 3.11 -10.25	41.29 3.07 -11.30	43.23 3.14 -10.72	54.82 3.70 -15.83	81.95 4.51 -32.34	68.83 4.77 -14.86	58.52 4.83 -3.89	51.67 4.50 -2.62	44.55 3.94 -0.01	40.56 3.59 -2.73	37.39 2.93 -4.28
STURGEON_POOL_HYD 23609	28.70 1.80 0.00	25.94 1.65 0.00	23.23 1.40 0.00	22.77 1.43 0.00	22.49 1.41 0.00	24.77 1.45 0.00	29.07 1.75 0.00	32.29 2.14 0.00	31.82 2.30 0.00	28.13 2.05 -1.37	28.83 2.19 -0.52	30.21 2.27 -1.56	31.53 2.33 -2.39	32.61 2.46 -3.07	32.05 2.53 -2.60	35.00 2.70 -2.93	42.76 3.32 -4.15	54.85 4.28 -5.47	58.59 4.62 -4.76	55.23 4.58 -0.84	48.34 3.79 0.00	43.85 3.25 0.00	37.01 2.77 0.00	32.44 2.26 0.00

ST_LAW_115_BK7_LBMP 345037	26.01 -0.89 0.00	23.56 -0.73 0.00	21.18 -0.65 0.00	20.74 -0.60 0.00	20.42 -0.65 0.00	22.69 -0.63 0.00	26.61 -0.71 0.00	29.49 -0.66 0.00	28.72 -0.80 0.00	24.05 -0.67 0.00	25.28 -0.84 0.00	25.51 -0.87 0.00	25.95 -0.86 0.00	26.21 -0.87 0.00	25.98 -0.94 0.00	28.31 -1.06 0.00	33.99 -1.31 0.00	43.57 -1.53 0.00	47.43 -1.77 0.00	47.97 -1.84 0.00	42.90 -1.65 0.00	39.18 -1.42 0.00	33.03 -1.20 0.00	29.06 -1.12 0.00
ST_LAW_115_BK8_LBMP 345038	26.01 -0.89 0.00	23.56 -0.73 0.00	21.18 -0.65 0.00	20.74 -0.60 0.00	20.42 -0.65 0.00	22.69 -0.63 0.00	26.61 -0.71 0.00	29.49 -0.66 0.00	28.72 -0.80 0.00	24.05 -0.67 0.00	25.28 -0.84 0.00	25.51 -0.87 0.00	25.95 -0.86 0.00	26.21 -0.87 0.00	25.98 -0.94 0.00	28.31 -1.06 0.00	33.99 -1.31 0.00	43.57 -1.53 0.00	47.43 -1.77 0.00	47.97 -1.84 0.00	42.90 -1.65 0.00	39.18 -1.42 0.00	33.03 -1.20 0.00	29.06 -1.12 0.00
ST_LAW_230_BK5_LBMP 345035	26.09 -0.81 0.00	23.61 -0.68 0.00	21.22 -0.61 0.00	20.78 -0.55 0.00	20.48 -0.59 0.00	22.74 -0.58 0.00	26.67 -0.66 0.00	29.55 -0.60 0.00	28.81 -0.71 0.00	24.12 -0.59 0.00	25.36 -0.76 0.00	25.62 -0.77 0.00	26.03 -0.78 0.00	26.29 -0.79 0.00	26.06 -0.86 0.00	28.43 -0.94 0.00	34.13 -1.16 0.00	43.75 -1.35 0.00	47.58 -1.62 0.00	48.11 -1.69 0.00	43.08 -1.47 0.00	39.30 -1.30 0.00	33.14 -1.10 0.00	29.18 -1.00 0.00
ST_LAW_230_BK6_LBMP 345036	26.09 -0.81 0.00	23.61 -0.68 0.00	21.22 -0.61 0.00	20.78 -0.55 0.00	20.48 -0.59 0.00	22.74 -0.58 0.00	26.67 -0.66 0.00	29.55 -0.60 0.00	28.81 -0.71 0.00	24.12 -0.59 0.00	25.36 -0.76 0.00	25.62 -0.77 0.00	26.03 -0.78 0.00	26.29 -0.79 0.00	26.06 -0.86 0.00	28.43 -0.94 0.00	34.13 -1.16 0.00	43.75 -1.35 0.00	47.58 -1.62 0.00	48.11 -1.69 0.00	43.08 -1.47 0.00	39.30 -1.30 0.00	33.14 -1.10 0.00	29.18 -1.00 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	28.43 1.53 0.00	25.70 1.41 0.00	23.03 1.20 0.00	22.55 1.22 0.00	22.28 1.20 0.00	24.56 1.24 0.00	28.82 1.50 0.00	31.96 1.81 0.00	31.47 1.95 0.00	29.04 1.73 -2.60	29.44 1.85 -1.47	31.98 1.90 -3.70	33.62 1.96 -4.86	34.95 2.03 -5.84	34.51 2.10 -5.48	37.37 2.23 -5.77	45.31 2.68 -7.33	58.20 3.43 -9.67	61.26 3.64 -8.42	54.93 3.64 -1.49	47.67 3.12 0.00	43.24 2.64 0.00	36.53 2.29 0.00	32.08 1.90 0.00
SWANROAD_115KV_TB1 355699	25.77 -1.13 0.00	22.88 -1.41 0.00	20.80 -1.03 0.00	20.21 -1.13 0.00	19.98 -1.10 0.00	22.27 -1.05 0.00	26.04 -1.28 0.00	28.20 -1.96 0.00	27.66 -1.86 0.00	23.02 -1.78 -0.08	21.80 -1.75 2.57	23.18 -1.87 1.33	22.13 -1.96 2.72	22.31 -1.90 2.88	22.11 -1.91 2.90	24.23 -2.03 3.11	29.11 -2.58 3.60	37.01 -3.65 4.44	40.91 -3.39 4.89	44.55 -3.44 1.82	41.66 -2.90 0.00	37.85 -2.76 0.00	32.59 -1.64 0.00	29.73 -0.45 0.00
SYNERGY___BIOGAS 323694	26.95 0.05 0.00	24.10 -0.19 0.00	21.83 0.00 0.00	21.19 -0.15 0.00	20.97 -0.11 0.00	23.32 0.00 0.00	27.32 0.00 0.00	29.88 -0.27 0.00	29.17 -0.35 0.00	24.19 -0.59 -0.07	23.86 -0.42 1.84	24.91 -0.53 0.94	24.29 -0.59 1.93	24.61 -0.43 2.04	24.49 -0.38 2.06	26.81 -0.35 2.21	31.94 -0.81 2.54	40.75 -1.22 3.14	45.10 -0.64 3.46	47.81 -0.70 1.30	44.06 -0.49 0.00	39.99 -0.61 0.00	34.17 -0.07 0.00	30.96 0.78 0.00
SYRACUSE___ENERGY_ST1 323597	26.93 0.03 0.00	24.29 0.00 0.00	21.83 0.00 0.00	21.30 -0.04 0.00	21.05 -0.02 0.00	23.27 -0.05 0.00	27.38 0.05 0.00	30.09 -0.06 0.00	29.40 -0.12 0.00	24.54 -0.17 0.00	25.96 -0.16 0.00	26.25 -0.13 0.00	26.65 -0.16 0.00	26.86 -0.22 0.00	26.81 -0.11 0.00	29.28 -0.09 0.00	35.22 -0.07 0.00	45.10 0.00 0.00	49.35 0.15 0.00	50.01 0.20 0.00	44.68 0.13 0.00	40.68 0.08 0.00	34.30 0.07 0.00	30.30 0.12 0.00
SYRACUSE___ENERGY_ST2 323598	26.93 0.03 0.00	24.29 0.00 0.00	21.83 0.00 0.00	21.30 -0.04 0.00	21.05 -0.02 0.00	23.27 -0.05 0.00	27.38 0.05 0.00	30.09 -0.06 0.00	29.40 -0.12 0.00	24.54 -0.17 0.00	25.96 -0.16 0.00	26.25 -0.13 0.00	26.65 -0.16 0.00	26.86 -0.22 0.00	26.81 -0.11 0.00	29.28 -0.09 0.00	35.22 -0.07 0.00	45.10 0.00 0.00	49.35 0.15 0.00	50.01 0.20 0.00	44.68 0.13 0.00	40.68 0.08 0.00	34.30 0.07 0.00	30.30 0.12 0.00
SYRACUSE___POWER 24017	27.01 0.11 0.00	24.34 0.05 0.00	21.87 0.04 0.00	21.34 0.00 0.00	21.12 0.04 0.00	23.34 0.02 0.00	27.43 0.11 0.00	30.15 0.00 0.00	29.49 -0.03 0.00	24.62 -0.10 0.00	26.04 -0.08 0.00	26.30 -0.08 0.00	26.73 -0.08 0.00	26.94 -0.14 0.00	26.92 0.00 0.00	29.40 0.03 0.00	35.36 0.07 0.00	45.24 0.14 0.00	49.55 0.34 0.00	50.21 0.40 0.00	44.91 0.36 0.00	40.85 0.24 0.00	34.44 0.21 0.00	30.42 0.24 0.00
TALLMAN_138KV_BK151 55660	28.67 1.78 0.00	25.92 1.63 0.00	23.21 1.38 0.00	22.73 1.39 0.00	22.46 1.39 0.00	24.74 1.42 0.00	29.04 1.72 0.00	32.26 2.11 0.00	31.82 2.30 0.00	29.71 2.05 -2.95	30.11 2.19 -1.80	33.02 2.24 -4.40	34.71 2.31 -5.59	36.09 2.38 -6.63	35.71 2.42 -6.37	38.52 2.56 -6.60	46.53 3.07 -8.17	59.75 3.88 -10.77	62.67 4.08 -9.39	55.55 4.08 -1.66	48.07 3.52 0.00	43.57 2.96 0.00	36.83 2.60 0.00	32.35 2.17 0.00
TEALLAVE_115KV_TB7 355573	26.93 0.03 0.00	24.29 0.00 0.00	21.83 0.00 0.00	21.30 -0.04 0.00	21.07 0.00 0.00	23.30 -0.02 0.00	27.38 0.05 0.00	30.09 -0.06 0.00	29.43 -0.09 0.00	24.59 -0.12 0.00	26.01 -0.10 0.00	26.28 -0.11 0.00	26.67 -0.13 0.00	26.92 -0.16 0.00	26.87 -0.05 0.00	29.34 -0.03 0.00	35.29 0.00 0.00	45.15 0.05 0.00	49.45 0.25 0.00	50.06 0.25 0.00	44.77 0.22 0.00	40.77 0.16 0.00	34.34 0.10 0.00	30.33 0.15 0.00
TELGRAPH_34_KV_EAST 80808	26.41 -0.48 0.00	23.54 -0.75 0.00	21.35 -0.48 0.00	20.74 -0.60 0.00	20.53 -0.55 0.00	22.83 -0.49 0.00	26.75 -0.57 0.00	29.10 -1.06 0.00	28.49 -1.03 0.00	23.68 -1.11 -0.07	22.69 -1.02 2.41	24.00 -1.13 1.25	23.05 -1.21 2.55	23.27 -1.11 2.70	23.12 -1.08 2.73	25.33 -1.12 2.92	30.40 -1.52 3.38	38.72 -2.21 4.17	42.84 -1.77 4.59	46.15 -1.94 1.71	42.95 -1.60 0.00	39.02 -1.58 0.00	33.45 -0.79 0.00	30.42 0.24 0.00
TEMPLE___115KV_TB 2 55572	26.95 0.05 0.00	24.29 0.00 0.00	21.85 0.02 0.00	21.32 -0.02 0.00	21.07 0.00 0.00	23.30 -0.02 0.00	27.40 0.08 0.00	30.12 -0.03 0.00	29.46 -0.06 0.00	24.59 -0.12 0.00	26.01 -0.10 0.00	26.30 -0.08 0.00	26.70 -0.11 0.00	26.94 -0.14 0.00	26.89 -0.03 0.00	29.37 0.00 0.00	35.33 0.04 0.00	45.19 0.09 0.00	49.45 0.25 0.00	50.11 0.30 0.00	44.77 0.22 0.00	40.77 0.16 0.00	34.37 0.14 0.00	30.36 0.18 0.00
TIANA___69_KV_BK 1 55817	32.33 2.74 -2.69	28.77 2.62 -1.86	26.83 2.34 -2.66	26.15 2.39 -2.42	26.44 2.40 -2.97	27.63 2.52 -1.79	30.91 2.98 -0.61	38.04 3.44 -4.45	37.22 3.57 -4.13	38.53 3.14 -10.68	38.70 3.26 -9.32	37.45 3.19 -7.87	39.38 3.03 -9.55	40.50 3.20 -10.23	41.20 3.02 -11.26	43.18 3.11 -10.69	54.67 3.60 -15.78	82.04 4.69 -32.25	68.79 4.92 -14.67	58.71 5.08 -3.82	51.56 4.41 -2.59	44.51 3.90 -0.01	40.28 3.42 -2.62	37.25 2.81 -4.26

TILDEN___115KV_TB1 80814	27.01 0.11 0.00	24.34 0.05 0.00	21.87 0.04 0.00	21.34 0.00 0.00	21.12 0.04 0.00	23.34 0.02 0.00	27.43 0.11 0.00	30.15 0.00 0.00	29.49 -0.03 0.00	24.62 -0.10 0.00	26.04 -0.08 0.00	26.30 -0.08 0.00	26.73 -0.08 0.00	26.94 -0.14 0.00	26.92 0.00 0.00	29.40 0.03 0.00	35.36 0.07 0.00	45.24 0.14 0.00	49.55 0.34 0.00	50.21 0.40 0.00	44.91 0.36 0.00	40.85 0.24 0.00	34.44 0.21 0.00	30.42 0.24 0.00
TRIGEN___CC 323695	33.81 2.15 -4.76	26.31 1.99 -0.03	23.62 1.75 -0.04	23.19 1.81 -0.04	22.93 1.81 -0.04	25.20 1.84 -0.03	29.53 2.19 -0.02	34.56 2.59 -1.82	32.46 2.75 -0.20	33.78 2.45 -6.61	45.62 2.59 -16.91	43.06 2.61 -14.06	44.19 2.65 -14.72	43.90 2.68 -14.14	47.70 2.67 -18.11	47.80 2.70 -15.73	59.34 3.21 -20.84	97.00 4.01 -47.88	98.24 4.23 -44.81	69.84 4.28 -15.74	52.80 3.79 -4.46	43.91 3.29 -0.02	58.08 3.08 -20.76	40.25 2.53 -7.54
TRINITY__115KV__4 BK 55933	27.60 0.70 0.00	24.99 0.70 0.00	22.42 0.59 0.00	21.91 0.58 0.00	21.64 0.57 0.00	23.83 0.51 0.00	27.81 0.49 0.00	30.76 0.60 0.00	30.17 0.65 0.00	24.92 0.59 0.39	26.62 0.71 0.20	26.59 0.74 0.53	26.87 0.78 0.72	27.01 0.81 0.88	27.01 0.89 0.80	29.42 0.91 0.86	35.15 0.99 1.13	44.74 1.13 1.48	49.09 1.18 1.29	50.73 1.15 0.23	45.71 1.16 0.00	41.62 1.02 0.00	35.05 0.82 0.00	30.84 0.66 0.00
UNION___PROCESSING_DRP 323587	26.66 -0.24 0.00	23.90 -0.39 0.00	21.59 -0.24 0.00	21.00 -0.34 0.00	20.76 -0.32 0.00	23.04 -0.28 0.00	27.02 -0.30 0.00	29.64 -0.51 0.00	28.96 -0.56 0.00	24.10 -0.62 0.00	25.75 -0.37 0.00	25.93 -0.45 0.00	26.33 -0.48 0.00	26.70 -0.38 0.00	26.60 -0.32 0.00	29.05 -0.32 0.00	34.80 -0.49 0.00	44.34 -0.77 0.00	48.81 -0.39 0.00	49.41 -0.40 0.00	44.06 -0.49 0.00	40.03 -0.57 0.00	34.03 -0.21 0.00	30.54 0.36 0.00
UPPER HUDSON___HYD 24058	28.84 1.94 0.00	26.01 1.72 0.00	23.27 1.44 0.00	22.72 1.39 0.00	22.44 1.37 0.00	24.88 1.56 0.00	29.12 1.80 0.00	32.05 1.90 0.00	31.38 1.86 0.00	25.80 1.43 0.35	27.53 1.54 0.13	27.59 1.61 0.40	27.61 1.42 0.61	27.83 1.54 0.79	27.84 1.59 0.67	30.35 1.73 0.75	35.49 1.27 1.07	45.28 1.58 1.40	50.29 2.31 1.23	51.98 2.39 0.22	47.22 2.67 0.00	42.92 2.31 0.00	36.11 1.88 0.00	31.66 1.48 0.00
UPPER RAQUET___HYD 24056	26.01 -0.89 0.00	23.61 -0.68 0.00	21.18 -0.65 0.00	20.76 -0.58 0.00	20.44 -0.63 0.00	22.76 -0.56 0.00	26.69 -0.63 0.00	29.64 -0.51 0.00	28.69 -0.83 0.00	23.90 -0.81 0.00	25.10 -1.02 0.00	25.33 -1.06 0.00	25.74 -1.07 0.00	26.02 -1.06 0.00	25.79 -1.13 0.00	28.08 -1.29 0.00	33.42 -1.87 0.00	42.75 -2.35 0.00	46.64 -2.56 0.00	47.27 -2.54 0.00	42.41 -2.14 0.00	39.02 -1.58 0.00	33.27 -0.96 0.00	29.15 -1.03 0.00
VALLEY44_115KV_TB2 355964	26.58 -0.32 0.00	23.66 -0.63 0.00	21.46 -0.37 0.00	20.87 -0.47 0.00	20.67 -0.40 0.00	22.99 -0.33 0.00	27.05 -0.27 0.00	29.37 -0.78 0.00	28.84 -0.68 0.00	23.97 -0.84 -0.10	24.54 -1.62 -0.04	24.75 -1.74 -0.11	25.15 -1.82 -0.17	25.51 -1.79 -0.22	25.41 -1.70 -0.18	27.78 -1.79 -0.21	33.43 -2.15 -0.29	42.19 -3.29 -0.39	46.49 -3.05 -0.34	46.73 -3.14 -0.06	43.17 -1.38 0.00	39.22 -1.38 0.00	33.51 -0.72 0.00	30.60 0.42 0.00
VALLEY___115KV_TB 1-4 80826	27.17 0.27 0.00	24.56 0.27 0.00	22.05 0.22 0.00	21.57 0.23 0.00	21.31 0.23 0.00	23.60 0.28 0.00	27.62 0.30 0.00	30.51 0.36 0.00	29.87 0.35 0.00	24.94 0.22 0.00	26.33 0.21 0.00	26.54 0.16 0.00	26.89 0.08 0.00	27.13 0.05 0.00	27.00 0.08 0.00	29.49 0.12 0.00	35.54 0.25 0.00	45.46 0.36 0.00	49.74 0.54 0.00	50.36 0.55 0.00	44.95 0.40 0.00	40.89 0.28 0.00	34.40 0.17 0.00	30.21 0.03 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	28.14 1.24 0.00	25.43 1.14 0.00	22.84 1.00 0.00	22.34 1.00 0.00	22.06 0.99 0.00	24.35 1.03 0.00	28.52 1.20 0.00	31.51 1.36 0.00	31.03 1.51 0.00	26.08 1.14 -0.22	27.41 1.20 -0.09	27.86 1.21 -0.26	28.44 1.23 -0.40	28.84 1.25 -0.52	28.52 1.16 -0.44	31.15 1.29 -0.49	37.68 1.69 -0.70	48.19 2.16 -0.92	52.59 2.61 -0.78	52.64 2.69 -0.14	47.05 2.49 0.00	42.80 2.19 0.00	36.05 1.81 0.00	31.75 1.57 0.00
VISCHER___FERRY HYD 24020	28.14 1.24 0.00	25.43 1.14 0.00	22.84 1.00 0.00	22.32 0.98 0.00	22.04 0.97 0.00	24.30 0.98 0.00	28.39 1.06 0.00	31.30 1.15 0.00	30.64 1.12 0.00	25.27 0.96 0.41	26.96 1.05 0.21	26.94 1.11 0.55	27.19 1.13 0.75	27.41 1.25 0.91	27.41 1.32 0.83	29.88 1.41 0.89	35.74 1.62 1.17	45.54 1.98 1.55	49.97 2.11 1.35	51.71 2.14 0.24	46.69 2.14 0.00	42.55 1.95 0.00	35.78 1.54 0.00	31.47 1.30 0.00
V_A_10_SYNC_DSASP 323832	26.20 -0.70 0.00	23.34 -0.95 0.00	21.15 -0.68 0.00	20.55 -0.79 0.00	20.34 -0.74 0.00	22.62 -0.70 0.00	26.53 -0.79 0.00	28.86 -1.30 0.00	28.28 -1.24 0.00	23.57 -1.21 -0.07	23.30 -0.97 1.85	24.38 -1.06 0.95	23.74 -1.13 1.95	23.94 -1.08 2.05	23.77 -1.08 2.08	26.03 -1.12 2.23	31.24 -1.48 2.57	39.77 -2.16 3.16	43.84 -1.87 3.49	46.60 -1.89 1.31	42.68 -1.87 0.00	38.78 -1.83 0.00	33.21 -1.03 0.00	30.12 -0.06 0.00
V_CMM_10_SYNC_DSASP 323787	26.12 -0.78 0.00	23.66 -0.63 0.00	21.26 -0.57 0.00	20.83 -0.51 0.00	20.53 -0.55 0.00	22.78 -0.54 0.00	26.72 -0.60 0.00	29.61 -0.54 0.00	28.84 -0.68 0.00	24.15 -0.57 0.00	25.39 -0.73 0.00	25.62 -0.77 0.00	26.03 -0.78 0.00	26.32 -0.76 0.00	26.09 -0.83 0.00	28.43 -0.94 0.00	34.13 -1.16 0.00	43.79 -1.31 0.00	47.62 -1.58 0.00	48.17 -1.64 0.00	43.08 -1.47 0.00	39.34 -1.26 0.00	33.21 -1.03 0.00	29.21 -0.97 0.00
V_CMP_10_SYNC_DSASP 323788	26.04 -0.86 0.00	23.61 -0.68 0.00	21.26 -0.57 0.00	20.83 -0.51 0.00	20.55 -0.53 0.00	22.83 -0.49 0.00	26.78 -0.55 0.00	29.70 -0.45 0.00	28.90 -0.62 0.00	24.15 -0.57 0.00	25.36 -0.76 0.00	25.59 -0.79 0.00	26.00 -0.80 0.00	26.24 -0.84 0.00	25.98 -0.94 0.00	28.28 -1.09 0.00	33.95 -1.34 0.00	43.57 -1.53 0.00	47.38 -1.82 0.00	47.86 -1.94 0.00	42.72 -1.83 0.00	38.90 -1.70 0.00	32.69 -1.54 0.00	28.73 -1.45 0.00
V_D_10_SYNC_DSASP 323841	26.20 -0.70 0.00	23.76 -0.53 0.00	21.35 -0.48 0.00	20.91 -0.43 0.00	20.59 -0.48 0.00	22.88 -0.44 0.00	26.86 -0.46 0.00	29.79 -0.36 0.00	28.93 -0.59 0.00	24.19 -0.52 0.00	25.44 -0.68 0.00	25.64 -0.74 0.00	26.09 -0.72 0.00	26.37 -0.70 0.00	26.14 -0.78 0.00	28.49 -0.88 0.00	34.16 -1.13 0.00	43.89 -1.22 0.00	47.73 -1.47 0.00	48.26 -1.54 0.00	43.26 -1.29 0.00	39.51 -1.09 0.00	33.38 -0.85 0.00	29.30 -0.88 0.00
V_E_10_SYNC_DSASP 323830	28.67 1.77 0.00	25.85 1.56 0.00	23.14 1.31 0.00	22.62 1.28 0.00	22.40 1.33 0.00	24.93 1.61 0.00	29.21 1.88 0.00	32.17 2.02 0.00	31.23 1.71 0.00	25.70 0.81 -0.17	27.66 0.78 -0.75	27.66 0.71 -0.57	28.56 0.70 -1.05	28.89 0.62 -1.19	28.89 0.84 -1.14	31.69 1.09 -1.24	38.66 1.83 -1.54	49.75 2.71 -1.95	55.05 3.89 -1.97	54.60 4.18 -0.60	48.38 3.83 0.00	43.85 3.25 0.00	36.66 2.43 0.00	32.26 2.08 0.00



V_F_30_NSYNC___DSASP 323816	28.51 1.61 0.00	25.75 1.46 0.00	23.07 1.24 0.00	22.53 1.19 0.00	22.25 1.18 0.00	24.60 1.28 0.00	28.77 1.45 0.00	31.63 1.48 0.00	30.97 1.45 0.00	25.50 1.16 0.38	27.15 1.23 0.19	27.17 1.29 0.50	27.38 1.26 0.69	27.61 1.38 0.84	27.60 1.45 0.77	30.13 1.58 0.82	35.87 1.66 1.08	45.80 2.12 1.43	50.46 2.51 1.24	52.23 2.64 0.22	47.22 2.67 0.00	43.00 2.39 0.00	36.18 1.95 0.00	31.78 1.60 0.00
V_F_30_SYNC_DSASP 323786	27.71 0.81 0.00	25.07 0.78 0.00	22.49 0.65 0.00	21.96 0.62 0.00	21.68 0.61 0.00	23.90 0.58 0.00	27.90 0.57 0.00	30.85 0.69 0.00	30.26 0.74 0.00	24.99 0.67 0.39	26.68 0.76 0.20	26.68 0.82 0.52	26.96 0.86 0.71	27.10 0.89 0.87	27.10 0.97 0.80	29.52 1.00 0.85	35.30 1.13 1.12	44.94 1.31 1.47	49.30 1.38 1.28	50.93 1.34 0.23	45.93 1.38 0.00	41.82 1.22 0.00	35.19 0.96 0.00	30.93 0.75 0.00
V_XM_10_SYNC_DSASP 323789	26.04 -0.86 0.00	23.61 -0.68 0.00	21.26 -0.57 0.00	20.83 -0.51 0.00	20.55 -0.53 0.00	22.83 -0.49 0.00	26.78 -0.55 0.00	29.70 -0.45 0.00	28.90 -0.62 0.00	24.15 -0.57 0.00	25.36 -0.76 0.00	25.59 -0.79 0.00	26.00 -0.80 0.00	26.24 -0.84 0.00	25.98 -0.94 0.00	28.28 -1.09 0.00	33.95 -1.34 0.00	43.57 -1.53 0.00	47.38 -1.82 0.00	47.86 -1.94 0.00	42.72 -1.83 0.00	38.90 -1.70 0.00	32.69 -1.54 0.00	28.73 -1.45 0.00
W.BABYLN_69_KV_BK1 56697	32.64 2.77 -2.97	27.07 2.50 -0.28	24.41 2.18 -0.39	23.89 2.20 -0.36	23.70 2.19 -0.44	25.87 2.29 -0.27	30.15 2.73 -0.09	34.99 3.23 -1.61	33.54 3.34 -0.68	33.45 2.92 -5.82	39.46 3.11 -10.23	38.28 3.19 -8.71	40.24 3.19 -10.25	41.11 3.28 -10.76	42.34 3.23 -12.18	44.00 3.26 -11.37	55.44 3.74 -16.41	84.20 4.74 -34.36	73.80 5.02 -19.58	60.81 5.23 -5.77	52.07 4.72 -2.79	44.88 4.26 -0.01	43.75 3.87 -5.65	38.05 3.17 -4.71
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	28.73 1.83 0.00	25.97 1.68 0.00	23.25 1.42 0.00	22.79 1.45 0.00	22.51 1.43 0.00	24.79 1.47 0.00	29.12 1.80 0.00	32.35 2.20 0.00	31.88 2.36 0.00	29.88 2.10 -3.06	30.27 2.25 -1.90	33.32 2.32 -4.62	35.03 2.39 -5.83	36.40 2.44 -6.88	36.08 2.50 -6.65	38.88 2.64 -6.87	46.92 3.18 -8.45	60.21 3.97 -11.14	63.14 4.23 -9.71	55.76 4.23 -1.72	48.16 3.61 0.00	43.69 3.09 0.00	36.94 2.70 0.00	32.44 2.26 0.00
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	28.89 1.99 0.00	26.11 1.82 0.00	23.38 1.55 0.00	22.92 1.58 0.00	22.65 1.58 0.00	24.93 1.61 0.00	29.32 1.99 0.00	32.62 2.47 0.00	32.24 2.72 0.00	30.84 2.47 -3.66	31.95 2.64 -3.19	36.02 2.69 -6.94	37.13 2.73 -7.58	38.13 2.82 -8.24	38.76 2.85 -8.99	41.01 3.02 -8.61	47.95 3.60 -9.06	61.51 4.47 -11.94	64.28 4.67 -10.40	56.38 4.73 -1.84	48.52 3.97 0.00	43.97 3.37 0.00	37.25 3.01 0.00	32.74 2.57 0.00
W50THST__13_KV_LOAD 356117	29.00 2.10 0.00	26.21 1.92 0.00	23.47 1.64 0.00	23.00 1.66 0.00	22.74 1.66 0.00	25.05 1.73 0.00	29.45 2.13 0.00	32.81 2.65 0.00	32.41 2.89 0.00	31.02 2.64 -3.66	32.13 2.82 -3.19	36.20 2.88 -6.94	37.32 2.92 -7.58	38.35 3.03 -8.24	38.95 3.04 -8.99	41.21 3.23 -8.61	48.19 3.85 -9.06	61.82 4.78 -11.94	64.57 4.97 -10.40	56.63 4.98 -1.84	48.78 4.23 0.00	44.18 3.57 0.00	37.42 3.18 0.00	32.86 2.69 0.00
WADING RIVER_IC_1 23522	32.09 2.50 -2.69	28.62 2.48 -1.85	26.67 2.18 -2.65	25.99 2.24 -2.41	26.31 2.28 -2.96	27.46 2.35 -1.79	30.66 2.73 -0.61	37.67 3.08 -4.44	36.74 3.10 -4.12	38.17 2.79 -10.66	38.28 2.85 -9.31	36.97 2.72 -7.87	38.90 2.55 -9.54	40.01 2.71 -10.23	40.79 2.61 -11.26	42.70 2.64 -10.69	54.14 3.07 -15.78	81.36 4.01 -32.24	68.09 4.67 -14.65	57.90 4.28 -3.81	50.93 3.78 -2.59	43.98 3.37 -0.01	39.86 3.01 -2.61	36.85 2.42 -4.26
WADING RIVER_IC_2 23547	32.09 2.50 -2.69	28.62 2.48 -1.85	26.67 2.18 -2.65	25.99 2.24 -2.41	26.31 2.28 -2.96	27.46 2.35 -1.79	30.66 2.73 -0.61	37.67 3.08 -4.44	36.74 3.10 -4.12	38.17 2.79 -10.66	38.28 2.85 -9.31	36.97 2.72 -7.87	38.90 2.55 -9.54	40.01 2.71 -10.23	40.79 2.61 -11.26	42.70 2.64 -10.69	54.14 3.07 -15.78	81.36 4.01 -32.24	68.09 4.67 -14.65	57.90 4.28 -3.81	50.93 3.78 -2.59	43.98 3.37 -0.01	39.86 3.01 -2.61	36.85 2.42 -4.26
WADING RIVER_IC_3 23601	32.09 2.50 -2.69	28.62 2.48 -1.85	26.67 2.18 -2.65	25.99 2.24 -2.41	26.31 2.28 -2.96	27.46 2.35 -1.79	30.66 2.73 -0.61	37.67 3.08 -4.44	36.74 3.10 -4.12	38.17 2.79 -10.66	38.28 2.85 -9.31	36.97 2.72 -7.87	38.90 2.55 -9.54	40.01 2.71 -10.23	40.79 2.61 -11.26	42.70 2.64 -10.69	54.14 3.07 -15.78	81.36 4.01 -32.24	68.09 4.67 -14.65	57.90 4.28 -3.81	50.93 3.78 -2.59	43.98 3.37 -0.01	39.86 3.01 -2.61	36.85 2.42 -4.26
WALDENNY_12_KV_BK2 80841	26.39 -0.51 0.00	23.44 -0.85 0.00	21.29 -0.55 0.00	20.70 -0.64 0.00	20.46 -0.61 0.00	22.81 -0.51 0.00	26.78 -0.55 0.00	29.01 -1.15 0.00	28.52 -1.00 0.00	23.74 -1.06 -0.08	22.85 -1.25 2.01	23.99 -1.37 1.02	23.29 -1.42 2.10	23.48 -1.38 2.21	23.33 -1.35 2.24	25.55 -1.41 2.40	30.76 -1.76 2.77	39.03 -2.66 3.41	43.12 -2.31 3.77	45.99 -2.39 1.42	42.95 -1.60 0.00	39.02 -1.58 0.00	33.52 -0.72 0.00	30.54 0.36 0.00
WALDEN__HYDRO 24148	28.54 1.64 0.00	25.80 1.51 0.00	23.12 1.29 0.00	22.64 1.30 0.00	22.36 1.29 0.00	24.65 1.33 0.00	28.93 1.61 0.00	32.08 1.93 0.00	31.59 2.07 0.00	28.42 1.80 -1.90	28.90 1.93 -0.85	30.72 1.98 -2.36	32.27 2.06 -3.40	33.48 2.14 -4.27	32.89 2.21 -3.76	35.84 2.35 -4.12	43.80 2.89 -5.61	56.20 3.70 -7.40	59.63 3.99 -6.45	54.93 3.98 -1.14	47.98 3.43 0.00	43.53 2.92 0.00	36.73 2.50 0.00	32.23 2.05 0.00
WARRENSBURG____ 23737	28.84 1.94 0.00	26.01 1.72 0.00	23.27 1.44 0.00	22.70 1.37 0.00	22.44 1.37 0.00	24.86 1.54 0.00	29.12 1.80 0.00	32.11 1.96 0.00	31.44 1.92 0.00	25.85 1.48 0.35	27.58 1.59 0.13	27.64 1.66 0.40	27.64 1.45 0.61	27.83 1.54 0.79	27.84 1.59 0.67	30.35 1.73 0.75	35.50 1.27 1.07	45.28 1.58 1.40	50.29 2.31 1.23	51.98 2.39 0.22	47.22 2.67 0.00	42.92 2.31 0.00	36.12 1.88 0.00	31.66 1.48 0.00
WATERSIDE____6 8 9 23538	29.00 2.10 -0.01	26.22 1.92 -0.01	23.48 1.64 -0.01	23.01 1.66 -0.01	22.75 1.66 -0.01	24.98 1.66 0.00	29.34 2.02 0.00	32.59 2.44 0.00	32.21 2.69 0.00	30.89 2.40 -3.78	32.26 2.56 -3.58	36.61 2.61 -7.61	37.46 2.63 -8.03	38.33 2.73 -8.52	39.27 2.75 -9.60	41.24 2.85 -9.03	47.79 3.46 -9.04	61.26 4.24 -11.92	64.02 4.43 -10.39	56.08 4.43 -1.84	48.29 3.74 0.00	43.89 3.29 0.00	37.38 3.15 0.00	32.83 2.66 0.00
WATKINRD_115KV_LN8_ILLION 55919	27.14 0.24 0.00	24.51 0.22 0.00	22.03 0.20 0.00	21.53 0.19 0.00	21.26 0.19 0.00	23.53 0.21 0.00	27.57 0.25 0.00	30.45 0.30 0.00	29.82 0.30 0.00	24.91 0.20 0.00	26.30 0.18 0.00	26.54 0.16 0.00	26.92 0.11 0.00	27.19 0.11 0.00	27.06 0.13 0.00	29.52 0.15 0.00	35.50 0.21 0.00	45.42 0.32 0.00	49.64 0.44 0.00	50.31 0.50 0.00	44.95 0.40 0.00	40.89 0.28 0.00	34.44 0.21 0.00	30.27 0.09 0.00

WDELAWARE___HYD 323627	28.62 1.72 0.00	25.87 1.58 0.00	23.14 1.31 0.00	22.68 1.35 0.00	22.38 1.31 0.00	24.72 1.40 0.00	29.02 1.69 0.00	32.14 1.99 0.00	31.53 2.01 0.00	28.00 1.70 -1.58	28.62 1.80 -0.70	30.21 1.87 -1.95	31.59 1.96 -2.83	32.72 2.09 -3.56	32.22 2.18 -3.12	35.18 2.38 -3.43	42.99 3.00 -4.70	55.22 3.92 -6.19	59.03 4.43 -5.40	55.19 4.43 -0.95	48.34 3.78 0.00	43.81 3.21 0.00	36.94 2.70 0.00	32.38 2.20 0.00
WEST BABYLON___IC 23714	32.64 2.77 -2.97	27.07 2.50 -0.28	24.41 2.18 -0.39	23.89 2.20 -0.36	23.70 2.19 -0.44	25.87 2.29 -0.27	30.15 2.73 -0.09	34.99 3.23 -1.61	33.54 3.34 -0.68	33.45 2.92 -5.82	39.46 3.11 -10.23	38.28 3.19 -8.71	40.24 3.19 -10.25	41.11 3.28 -10.76	42.34 3.23 -12.18	44.00 3.26 -11.37	55.44 3.74 -16.41	84.20 4.74 -34.36	73.80 5.02 -19.58	60.81 5.23 -5.77	52.07 4.72 -2.79	44.88 4.26 -0.01	43.75 3.87 -5.65	38.05 3.17 -4.71
WEST CANADA___HYD 24049	27.06 0.16 0.00	24.46 0.17 0.00	21.96 0.13 0.00	21.49 0.15 0.00	21.22 0.15 0.00	23.46 0.14 0.00	27.46 0.14 0.00	30.30 0.15 0.00	29.70 0.18 0.00	24.84 0.12 0.00	26.28 0.16 0.00	26.54 0.16 0.00	26.97 0.16 0.00	27.24 0.16 0.00	27.08 0.16 0.00	29.55 0.18 0.00	35.50 0.21 0.00	45.37 0.27 0.00	49.50 0.30 0.00	50.11 0.30 0.00	44.82 0.27 0.00	40.85 0.25 0.00	34.44 0.21 0.00	30.33 0.15 0.00
WESTERN_NY_WIND 24143	26.93 0.03 0.00	24.07 -0.22 0.00	21.81 -0.02 0.00	21.17 -0.17 0.00	20.95 -0.13 0.00	23.30 -0.02 0.00	27.29 -0.03 0.00	29.85 -0.30 0.00	29.14 -0.38 0.00	24.17 -0.62 -0.07	23.67 -0.47 1.98	24.81 -0.55 1.01	24.11 -0.62 2.08	24.39 -0.49 2.20	24.29 -0.40 2.22	26.60 -0.38 2.38	31.66 -0.88 2.75	40.40 -1.31 3.39	44.72 -0.74 3.74	47.56 -0.85 1.40	43.93 -0.62 0.00	39.91 -0.69 0.00	34.10 -0.14 0.00	30.93 0.75 0.00
WESTOVER___LESR 323668	27.30 0.40 0.00	24.58 0.29 0.00	22.14 0.31 0.00	21.59 0.26 0.00	21.37 0.30 0.00	23.62 0.30 0.00	27.76 0.44 0.00	30.48 0.33 0.00	29.82 0.30 0.00	24.99 0.10 -0.18	26.73 0.00 -0.61	26.85 -0.03 -0.50	27.69 -0.03 -0.91	28.09 -0.03 -1.04	27.37 0.11 -0.34	29.90 0.15 -0.38	36.04 0.21 -0.54	46.08 0.27 -0.71	50.37 0.54 -0.63	50.52 0.60 -0.11	45.26 0.71 0.00	41.17 0.57 0.00	34.78 0.55 0.00	30.90 0.72 0.00
WETHRSFD_WT_PWR 323626	26.23 -0.67 0.00	23.39 -0.90 0.00	21.20 -0.63 0.00	20.55 -0.79 0.00	20.40 -0.68 0.00	22.64 -0.68 0.00	26.47 -0.85 0.00	28.68 -1.48 0.00	28.04 -1.48 0.00	23.16 -1.66 -0.10	4.77 -1.88 19.46	13.72 -2.14 10.52	3.41 -2.15 21.26	2.27 -2.14 22.67	2.19 -2.05 22.68	2.79 -2.20 24.37	4.14 -2.72 28.44	6.38 -3.52 35.20	7.66 -3.20 38.34	32.69 -3.14 13.98	42.06 -2.49 0.00	38.25 -2.36 0.00	32.83 -1.41 0.00	29.78 -0.39 0.00
WHAVSTOR_138KV_BK127 55557	28.65 1.75 0.00	25.89 1.60 0.00	23.21 1.38 0.00	22.73 1.39 0.00	22.44 1.37 0.00	24.72 1.40 0.00	29.02 1.69 0.00	32.26 2.11 0.00	31.79 2.27 0.00	29.83 2.03 -3.09	30.24 2.19 -1.93	33.29 2.24 -4.67	35.00 2.31 -5.89	36.37 2.36 -6.94	36.03 2.40 -6.71	38.82 2.53 -6.93	46.84 3.04 -8.51	60.11 3.79 -11.22	62.96 3.99 -9.77	55.52 3.98 -1.73	47.98 3.43 0.00	43.53 2.92 0.00	36.80 2.57 0.00	32.32 2.14 0.00
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	28.65 1.75 0.00	25.89 1.60 0.00	23.21 1.38 0.00	22.73 1.39 0.00	22.44 1.37 0.00	24.72 1.40 0.00	29.02 1.69 0.00	32.26 2.11 0.00	31.79 2.27 0.00	29.83 2.03 -3.09	30.24 2.19 -1.93	33.29 2.24 -4.67	35.00 2.31 -5.89	36.37 2.36 -6.94	36.03 2.40 -6.71	38.82 2.53 -6.93	46.84 3.04 -8.51	60.11 3.79 -11.22	62.96 3.99 -9.77	55.52 3.98 -1.73	47.98 3.43 0.00	43.53 2.92 0.00	36.80 2.57 0.00	32.32 2.14 0.00
WHITEHAL_115KV_TB1 80871	29.64 2.74 0.00	26.67 2.38 0.00	23.82 1.99 0.00	23.22 1.88 0.00	22.95 1.88 0.00	25.54 2.22 0.00	30.14 2.81 0.00	33.20 3.05 0.00	32.44 2.92 0.00	26.56 2.20 0.35	28.31 2.32 0.13	28.43 2.45 0.40	28.45 2.25 0.61	28.70 2.41 0.79	28.73 2.48 0.67	31.38 2.76 0.75	36.87 2.65 1.07	47.17 3.47 1.40	52.49 4.53 1.23	54.32 4.73 0.22	49.50 4.95 0.00	44.83 4.22 0.00	37.59 3.35 0.00	32.83 2.66 0.00
WHITEPLN_13_KV_LOAD 356215	28.97 2.07 0.00	26.18 1.89 0.00	23.42 1.59 0.00	22.98 1.64 0.00	22.68 1.60 0.00	24.98 1.66 0.00	29.34 2.02 0.00	32.68 2.53 0.00	32.24 2.72 0.00	30.56 2.37 -3.47	31.16 2.59 -2.45	34.74 2.66 -5.70	36.33 2.71 -6.81	37.73 2.84 -7.81	37.70 2.91 -7.87	40.37 3.08 -7.92	48.38 3.85 -9.24	62.16 4.87 -12.19	64.99 5.17 -10.62	56.82 5.13 -1.88	48.96 4.41 0.00	44.30 3.69 0.00	37.38 3.15 0.00	32.77 2.60 0.00
WM_FLOYD_69_KV_BK2 356380	32.26 2.66 -2.69	28.68 2.50 -1.89	26.74 2.20 -2.71	26.04 2.24 -2.46	26.35 2.25 -3.02	27.48 2.33 -1.82	30.70 2.76 -0.62	37.86 3.20 -4.51	37.03 3.31 -4.20	38.39 2.89 -10.78	38.49 3.03 -9.34	37.28 3.01 -7.89	39.24 2.87 -9.56	40.32 3.01 -10.24	41.05 2.85 -11.27	43.01 2.94 -10.70	54.47 3.39 -15.79	81.76 4.37 -32.29	68.62 4.67 -14.75	58.49 4.83 -3.85	51.43 4.28 -2.60	44.39 3.78 -0.01	40.29 3.39 -2.67	37.19 2.75 -4.27
WOODARD___115KV_TB2 355635	26.87 -0.03 0.00	24.24 -0.05 0.00	21.79 -0.04 0.00	21.25 -0.09 0.00	21.03 -0.04 0.00	23.25 -0.07 0.00	27.32 0.00 0.00	30.03 -0.12 0.00	29.37 -0.15 0.00	24.52 -0.20 0.00	25.96 -0.16 0.00	26.22 -0.16 0.00	26.65 -0.16 0.00	26.86 -0.22 0.00	26.81 -0.11 0.00	29.28 -0.09 0.00	35.22 -0.07 0.00	45.06 -0.05 0.00	49.30 0.10 0.00	49.96 0.15 0.00	44.64 0.09 0.00	40.64 0.04 0.00	34.23 0.00 0.00	30.24 0.06 0.00
WOODMERE_69_KV_BK1 55827	33.76 2.50 -4.36	26.62 2.31 -0.03	23.87 2.01 -0.03	23.42 2.05 -0.03	23.17 2.07 -0.03	25.47 2.12 -0.03	29.85 2.51 -0.02	34.74 2.92 -1.66	32.79 3.10 -0.17	33.70 2.74 -6.24	44.43 2.90 -15.41	42.20 2.95 -12.87	43.53 3.00 -13.72	43.52 3.06 -13.38	46.75 3.04 -16.79	47.30 3.17 -14.76	58.98 3.85 -19.85	94.74 4.78 -44.86	133.84 5.12 -79.52	84.07 5.18 -29.08	53.18 4.54 -4.09	44.60 3.98 -0.01	78.14 3.66 -40.24	40.07 2.99 -6.90
YORK___WARBASSE 23770	29.19 2.29 -0.01	26.36 2.06 -0.01	23.59 1.75 -0.01	23.10 1.75 -0.01	22.81 1.73 -0.01	25.05 1.73 0.00	29.37 2.05 0.00	32.62 2.47 0.00	32.27 2.75 0.00	30.92 2.42 -3.78	32.29 2.59 -3.58	36.63 2.64 -7.61	37.52 2.68 -8.03	38.39 2.79 -8.52	39.33 2.80 -9.60	41.33 2.94 -9.03	47.90 3.56 -9.04	61.44 4.42 -11.92	64.17 4.58 -10.39	56.23 4.58 -1.84	48.38 3.83 0.00	43.97 3.37 0.00	37.55 3.32 0.00	33.04 2.87 0.00