

Day Ahead Market Generator LBMP

--- LBMP \$		--- Marginal Cost of Losses														--- Marginal Cost of Congestion										03/05/2024	
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		
		EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST		
59TH STREET_GT_1		21.55	20.18	19.73	20.09	20.91	22.65	30.31	32.56	33.27	32.36	34.19	34.37	32.48	32.37	32.02	31.54	34.80	40.16	43.41	37.69	34.34	29.61	25.97	22.37		
24138		1.12	0.98	0.99	0.96	0.90	1.02	1.44	2.19	2.15	2.06	2.24	2.34	2.27	2.34	2.32	2.26	2.28	2.73	2.92	2.50	2.21	1.36	1.14	0.96		
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
74TH STREET_GT_1		21.57	20.22	19.75	20.11	20.93	22.76	30.33	32.50	33.30	32.39	34.22	34.37	32.48	32.36	32.02	31.54	34.83	40.19	43.44	37.69	34.41	29.63	26.00	22.54		
24260		1.14	1.02	1.01	0.98	0.92	1.13	1.47	2.13	2.18	2.09	2.27	2.34	2.27	2.34	2.32	2.25	2.31	2.77	2.96	2.50	2.28	1.38	1.17	1.13		
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
74TH STREET_GT_2		21.57	20.22	19.75	20.11	20.93	22.76	30.33	32.50	33.30	32.39	34.22	34.37	32.48	32.36	32.02	31.54	34.83	40.19	43.44	37.69	34.41	29.63	26.00	22.54		
24261		1.14	1.02	1.01	0.98	0.92	1.13	1.47	2.13	2.18	2.09	2.27	2.34	2.27	2.34	2.32	2.25	2.31	2.77	2.96	2.50	2.28	1.38	1.17	1.13		
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
ADK HUDSON___FALLS		21.26	19.97	19.49	19.92	20.81	22.67	30.13	31.89	32.71	31.82	33.55	33.69	31.67	31.43	31.04	30.57	33.98	39.11	42.43	36.88	33.60	29.29	25.70	22.28		
24011		0.84	0.77	0.75	0.78	0.80	1.04	1.27	1.52	1.59	1.52	1.60	1.67	1.45	1.41	1.34	1.29	1.46	1.68	1.94	1.69	1.48	1.05	0.87	0.88		
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
ADK RESOURCE___RCVRY		21.30	20.01	19.53	19.96	20.87	22.65	30.22	32.04	32.83	31.94	33.68	33.82	31.79	31.52	31.13	30.66	34.08	39.22	42.59	37.02	33.67	29.38	25.77	22.21		
23798		0.88	0.81	0.79	0.82	0.86	1.02	1.36	1.67	1.71	1.64	1.72	1.79	1.57	1.50	1.43	1.38	1.56	1.80	2.10	1.83	1.54	1.13	0.94	0.81		
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
ADK S GLENS___FALLS		21.26	19.97	19.49	19.92	20.81	22.67	30.13	31.89	32.71	31.82	33.55	33.69	31.67	31.43	31.04	30.57	33.98	39.11	42.43	36.88	33.60	29.29	25.70	22.28		
24028		0.84	0.77	0.75	0.78	0.80	1.04	1.27	1.52	1.59	1.52	1.60	1.67	1.45	1.41	1.34	1.29	1.46	1.68	1.94	1.69	1.48	1.05	0.87	0.88		
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
ADK_NYS___DAM		21.24	20.03	19.51	19.96	20.75	22.50	30.05	31.86	32.68	31.82	33.36	33.60	31.54	31.46	31.13	30.72	33.99	39.03	42.07	36.67	33.47	29.15	25.55	22.04		
23527		0.82	0.83	0.77	0.82	0.74	0.87	1.18	1.49	1.56	1.51	1.40	1.57	1.33	1.44	1.43	1.43	1.46	1.61	1.58	1.48	1.35	0.90	0.72	0.64		
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
AIR_PRODUCTS___DRP		21.20	19.95	19.47	19.88	20.73	22.54	29.90	31.65	32.46	31.61	33.23	33.41	31.46	31.28	30.95	30.51	33.79	38.88	42.07	36.53	33.35	29.07	25.50	22.17		
24190		0.78	0.75	0.73	0.75	0.72	0.91	1.04	1.28	1.34	1.30	1.28	1.38	1.24	1.26	1.25	1.23	1.27	1.46	1.58	1.34	1.22	0.82	0.67	0.77		
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
AKWESSNE_115KV_BK		20.06	18.86	18.42	18.83	19.67	21.29	28.72	30.01	30.75	30.00	31.67	31.74	29.98	29.78	29.46	29.05	32.20	36.98	39.96	34.84	31.84	28.33	24.88	21.19		
355683		-0.37	-0.35	-0.32	-0.31	-0.34	-0.35	-0.14	-0.36	-0.37	-0.30	-0.29	-0.29	-0.24	-0.24	-0.24	-0.23	-0.33	-0.45	-0.53	-0.35	-0.29	0.08	0.05	-0.21		
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
ALBANY_1_SOLAR		21.28	20.03	19.55	19.97	20.85	22.54	29.99	31.71	32.46	31.61	33.23	33.34	31.39	31.22	30.86	30.43	33.79	38.88	42.07	36.60	33.38	29.15	25.62	22.15		
323833		0.86	0.83	0.81	0.84	0.84	0.91	1.12	1.33	1.34	1.30	1.28	1.31	1.18	1.20	1.16	1.14	1.27	1.46	1.58	1.41	1.25	0.90	0.79	0.75		
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
ALBANY_2_SOLAR		21.28	20.03	19.55	19.97	20.85	22.54	29.99	31.71	32.46	31.61	33.23	33.34	31.39	31.22	30.86	30.43	33.76	38.88	42.07	36.60	33.38	29.15	25.60	22.15		
323834		0.86	0.83	0.81	0.84	0.84	0.91	1.12	1.33	1.34	1.30	1.28	1.31	1.18	1.20	1.16	1.14	1.24	1.46	1.58	1.41	1.25	0.90	0.77	0.75		
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
ALBANY___1		21.20	19.95	19.47	19.88	20.73	22.54	29.90	31.65	32.46	31.61	33.23	33.41	31.46	31.28	30.95	30.51	33.79	38.88	42.07	36.53	33.35	29.07	25.50	22.17		
23571		0.78	0.75	0.73	0.75	0.72	0.91	1.04	1.28	1.34	1.30	1.28	1.38	1.24	1.26	1.25	1.23	1.27	1.46	1.58	1.34	1.22	0.82	0.67	0.77		
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		

ALBANY___2 23572	21.20 0.78 0.00	19.95 0.75 0.00	19.47 0.73 0.00	19.88 0.75 0.00	20.73 0.72 0.00	22.54 0.91 0.00	29.90 1.04 0.00	31.65 1.28 0.00	32.46 1.34 0.00	31.61 1.30 0.00	33.23 1.28 0.00	33.41 1.38 0.00	31.46 1.24 0.00	31.28 1.26 0.00	30.95 1.25 0.00	30.51 1.23 0.00	33.79 1.27 0.00	38.88 1.46 0.00	42.07 1.58 0.00	36.53 1.34 0.00	33.35 1.22 0.00	29.07 0.82 0.00	25.50 0.67 0.00	22.17 0.77 0.00
ALBANY___3 23573	21.20 0.78 0.00	19.95 0.75 0.00	19.47 0.73 0.00	19.88 0.75 0.00	20.73 0.72 0.00	22.54 0.91 0.00	29.90 1.04 0.00	31.65 1.28 0.00	32.46 1.34 0.00	31.61 1.30 0.00	33.23 1.28 0.00	33.41 1.38 0.00	31.46 1.24 0.00	31.28 1.26 0.00	30.95 1.25 0.00	30.51 1.23 0.00	33.79 1.27 0.00	38.88 1.46 0.00	42.07 1.58 0.00	36.53 1.34 0.00	33.35 1.22 0.00	29.07 0.82 0.00	25.50 0.67 0.00	22.17 0.77 0.00
ALBANY___4 23574	21.20 0.78 0.00	19.95 0.75 0.00	19.47 0.73 0.00	19.88 0.75 0.00	20.73 0.72 0.00	22.54 0.91 0.00	29.90 1.04 0.00	31.65 1.28 0.00	32.46 1.34 0.00	31.61 1.30 0.00	33.23 1.28 0.00	33.41 1.38 0.00	31.46 1.24 0.00	31.28 1.26 0.00	30.95 1.25 0.00	30.51 1.23 0.00	33.79 1.27 0.00	38.88 1.46 0.00	42.07 1.58 0.00	36.53 1.34 0.00	33.35 1.22 0.00	29.07 0.82 0.00	25.50 0.67 0.00	22.17 0.77 0.00
ALBANY___LFGE 323615	21.32 0.90 0.00	20.05 0.84 0.00	19.56 0.82 0.00	20.00 0.86 0.00	20.85 0.84 0.00	22.57 0.93 0.00	30.05 1.18 0.00	31.86 1.49 0.00	32.68 1.56 0.00	31.82 1.51 0.00	33.49 1.53 0.00	33.63 1.60 0.00	31.67 1.45 0.00	31.49 1.47 0.00	31.16 1.45 0.00	30.69 1.41 0.00	34.02 1.50 0.00	39.15 1.72 0.00	42.31 1.82 0.00	36.81 1.62 0.00	33.54 1.41 0.00	29.24 0.99 0.00	25.65 0.82 0.00	22.17 0.77 0.00
ALCOA_PA_115KV_PL-6C 55860	20.14 -0.29 0.00	18.95 -0.25 0.00	18.50 -0.24 0.00	18.92 -0.21 0.00	19.75 -0.26 0.00	21.42 -0.22 0.00	28.89 0.03 0.00	30.16 -0.21 0.00	30.90 -0.22 0.00	30.18 -0.12 0.00	31.86 -0.10 0.00	31.93 -0.10 0.00	30.13 -0.09 0.00	29.96 -0.06 0.00	29.61 -0.09 0.00	29.20 -0.09 0.00	32.33 -0.20 0.00	37.13 -0.30 0.00	40.12 -0.36 0.00	34.98 -0.21 0.00	32.03 -0.10 0.00	28.53 0.28 0.00	25.03 0.20 0.00	21.32 -0.09 0.00
ALCOA_RYNLDS___DRP 24188	20.14 -0.29 0.00	18.95 -0.25 0.00	18.50 -0.24 0.00	18.92 -0.21 0.00	19.75 -0.26 0.00	21.42 -0.22 0.00	28.89 0.03 0.00	30.16 -0.21 0.00	30.90 -0.22 0.00	30.18 -0.12 0.00	31.86 -0.10 0.00	31.93 -0.10 0.00	30.13 -0.09 0.00	29.96 -0.06 0.00	29.61 -0.09 0.00	29.20 -0.09 0.00	32.33 -0.20 0.00	37.13 -0.30 0.00	40.12 -0.36 0.00	34.98 -0.21 0.00	32.03 -0.10 0.00	28.53 0.28 0.00	25.03 0.20 0.00	21.32 -0.09 0.00
ALCOA___DSASP 323711	20.14 -0.29 0.00	18.93 -0.27 0.00	18.50 -0.24 0.00	18.91 -0.23 0.00	19.75 -0.26 0.00	21.40 -0.24 0.00	28.86 0.00 0.00	30.13 -0.24 0.00	30.90 -0.22 0.00	30.18 -0.12 0.00	31.86 -0.10 0.00	31.93 -0.10 0.00	30.13 -0.09 0.00	29.96 -0.06 0.00	29.64 -0.06 0.00	29.20 -0.09 0.00	32.33 -0.19 0.00	37.12 -0.30 0.00	40.12 -0.37 0.00	34.91 -0.28 0.00	32.03 -0.10 0.00	28.53 0.28 0.00	25.03 0.20 0.00	21.32 -0.09 0.00
ALLEGHENY___COGEN 23514	20.42 0.00 0.00	19.22 0.02 0.00	18.74 0.00 0.00	19.13 0.00 0.00	20.25 0.24 0.00	22.03 0.39 0.00	28.72 -0.14 0.00	30.16 -0.21 0.00	30.59 -0.53 0.00	29.45 -0.85 0.00	31.16 -0.80 0.00	31.07 -0.96 0.00	29.37 -0.85 0.00	28.94 -1.08 0.00	28.66 -1.04 0.00	28.41 -0.88 0.00	31.74 -0.78 0.00	36.86 -0.56 0.00	40.45 -0.04 0.00	35.37 0.18 0.00	32.32 0.19 0.00	28.22 -0.03 0.00	24.85 0.02 0.00	21.85 0.45 0.00
ALTAMONT_115KV_TB 2 55880	21.02 0.59 0.00	19.78 0.58 0.00	19.30 0.56 0.00	19.71 0.57 0.00	20.55 0.54 0.00	22.31 0.67 0.00	29.64 0.78 0.00	31.35 0.97 0.00	32.15 1.03 0.00	31.30 1.00 0.00	32.94 0.99 0.00	33.05 1.02 0.00	31.15 0.94 0.00	30.98 0.96 0.00	30.65 0.95 0.00	30.22 0.94 0.00	33.53 1.01 0.00	38.58 1.16 0.00	41.74 1.26 0.00	36.28 1.09 0.00	33.12 1.00 0.00	28.87 0.62 0.00	25.35 0.52 0.00	21.98 0.58 0.00
ALTONA_WT_PWR 323606	19.91 -0.51 0.00	18.70 -0.50 0.00	18.29 -0.45 0.00	18.75 -0.38 0.00	19.65 -0.36 0.00	21.33 -0.30 0.00	28.52 -0.35 0.00	29.86 -0.52 0.00	30.78 -0.34 0.00	30.18 -0.12 0.00	31.95 0.00 0.00	32.03 0.00 0.00	30.22 0.00 0.00	29.96 -0.06 0.00	29.70 0.00 0.00	29.26 -0.03 0.00	32.52 0.00 0.00	36.90 -0.52 0.00	39.80 -0.69 0.00	34.62 -0.56 0.00	32.16 0.03 0.00	28.96 0.71 0.00	25.42 0.59 0.00	21.66 0.26 0.00
AMERICAN_REF_FUEL 24010	18.30 -2.12 0.00	17.22 -1.98 0.00	16.79 -1.95 0.00	17.14 -1.99 0.00	18.35 -1.66 0.00	19.84 -1.80 0.00	25.14 -3.72 0.00	26.27 -4.10 0.00	27.08 -4.05 0.00	26.24 -4.06 0.00	27.51 -4.44 0.00	27.38 -4.64 0.00	26.20 -4.02 0.00	25.64 -4.38 0.00	25.42 -4.28 0.00	25.04 -4.25 0.00	27.94 -4.58 0.00	32.00 -5.43 0.00	34.78 -5.71 0.00	30.26 -4.93 0.00	27.82 -4.30 0.00	24.41 -3.84 0.00	21.90 -2.93 0.00	19.80 -1.61 0.00
ARKWRIGHT___SUMMIT_WT_PWR 323751	18.63 -1.80 0.00	17.40 -1.81 0.00	17.00 -1.74 0.00	17.45 -1.68 0.00	18.59 -1.42 0.00	20.12 -1.52 0.00	25.89 -2.97 0.00	27.06 -3.31 0.00	27.88 -3.24 0.00	27.15 -3.15 0.00	28.63 -3.32 0.00	28.67 -3.36 0.00	27.50 -2.72 0.00	27.08 -2.94 0.00	26.88 -2.82 0.00	26.53 -2.75 0.00	29.66 -2.86 0.00	34.09 -3.33 0.00	37.09 -3.40 0.00	32.06 -3.13 0.00	29.30 -2.83 0.00	25.68 -2.57 0.00	22.99 -1.84 0.00	20.82 -0.58 0.00
ARTHUR KILL_GT_1 23520	21.72 1.29 -0.01	20.28 1.07 0.00	19.83 1.09 0.00	20.13 0.99 0.00	20.91 0.90 0.00	22.41 0.78 0.00	29.95 1.10 0.01	32.28 1.91 0.01	33.10 1.99 0.01	32.20 1.91 0.01	34.01 2.17 0.12	34.06 2.24 0.21	32.35 2.15 0.01	32.26 2.25 0.01	31.89 2.20 0.01	31.41 2.14 0.01	34.54 2.24 0.23	35.48 2.62 4.56	40.56 2.75 2.68	34.88 2.39 2.70	34.33 2.21 0.01	29.48 1.24 0.01	25.86 1.04 0.01	22.34 0.94 0.00
ARTHUR_KILL_2 23512	21.66 1.23 -0.01	20.22 1.02 0.00	19.79 1.05 0.00	20.07 0.94 0.00	20.85 0.84 0.00	22.37 0.74 0.00	29.89 1.04 0.01	32.19 1.82 0.01	33.04 1.93 0.01	32.11 1.82 0.01	33.91 2.08 0.12	33.96 2.15 0.21	32.26 2.06 0.01	32.17 2.16 0.01	31.80 2.11 0.01	31.35 2.08 0.01	34.44 2.15 0.23	35.37 2.51 4.56	40.44 2.63 2.68	34.77 2.29 2.70	34.23 2.12 0.01	29.40 1.16 0.01	25.79 0.97 0.01	22.30 0.90 0.00
ARTHUR_KILL_3 23513	21.30 0.88 0.00	19.97 0.77 0.00	19.51 0.77 0.00	19.88 0.75 0.00	20.69 0.68 0.00	22.39 0.76 0.00	29.96 1.10 0.00	32.16 1.79 0.00	32.86 1.74 0.00	32.00 1.70 0.00	33.63 1.79 0.11	33.71 1.89 0.21	32.09 1.87 0.00	31.97 1.95 0.00	31.63 1.93 0.00	31.18 1.90 0.00	34.15 1.85 0.22	35.08 2.21 4.55	40.16 2.35 2.67	34.50 2.00 2.70	33.92 1.80 0.00	29.32 1.07 0.00	25.70 0.87 0.00	22.13 0.73 0.00

ARTHUR_KILL_COGEN 323718	21.72 1.29 -0.01	20.28 1.07 0.00	19.83 1.09 0.00	20.13 0.99 0.00	20.91 0.90 0.00	22.41 0.78 0.00	29.95 1.10 0.01	32.28 1.91 0.01	33.10 1.99 0.01	32.20 1.91 0.01	34.01 2.17 0.12	34.06 2.24 0.21	32.35 2.15 0.01	32.26 2.25 0.01	31.89 2.20 0.01	31.41 2.14 0.01	34.54 2.24 0.23	35.48 2.62 4.56	40.56 2.75 2.68	34.88 2.39 2.70	34.33 2.21 0.01	29.48 1.24 0.01	25.86 1.04 0.01	22.34 0.94 0.00
ASHOKAN____ 23654	21.40 0.98 0.00	20.14 0.94 0.00	19.62 0.88 0.00	20.05 0.92 0.00	20.93 0.92 0.00	22.59 0.95 0.00	30.10 1.24 0.00	31.74 1.37 0.00	32.33 1.21 0.00	31.45 1.15 0.00	33.04 1.09 0.00	33.15 1.12 0.00	31.15 0.94 0.00	31.01 0.99 0.00	30.68 0.98 0.00	30.25 0.96 0.00	33.66 1.14 0.00	38.85 1.42 0.00	42.19 1.70 0.00	36.70 1.51 0.00	33.47 1.35 0.00	29.07 0.82 0.00	25.47 0.64 0.00	22.09 0.68 0.00
ASTORIA_EAST_ENERGY_CC1 323581	21.68 1.25 -0.01	20.24 1.04 0.00	19.83 1.09 0.00	20.15 1.01 0.00	20.95 0.94 0.00	22.44 0.80 0.00	29.86 1.01 0.01	32.13 1.76 0.01	32.95 1.84 0.01	32.05 1.76 0.01	33.86 1.92 0.01	34.04 2.02 0.01	32.17 1.96 0.01	32.08 2.07 0.01	31.71 2.02 0.01	31.24 1.96 0.01	34.50 1.98 0.01	39.78 2.36 0.01	42.99 2.51 0.01	37.33 2.15 0.01	34.01 1.89 0.01	29.29 1.05 0.01	25.77 0.94 0.00	22.30 0.90 0.00
ASTORIA_EAST_ENERGY_CC2 323582	21.68 1.25 -0.01	20.24 1.04 0.00	19.83 1.09 0.00	20.15 1.01 0.00	20.95 0.94 0.00	22.44 0.80 0.00	29.86 1.01 0.01	32.13 1.76 0.01	32.95 1.84 0.01	32.05 1.76 0.01	33.86 1.92 0.01	34.04 2.02 0.01	32.17 1.96 0.01	32.08 2.07 0.01	31.71 2.02 0.01	31.24 1.96 0.01	34.50 1.98 0.01	39.78 2.36 0.01	42.99 2.51 0.01	37.33 2.15 0.01	34.01 1.89 0.01	29.29 1.05 0.01	25.77 0.94 0.00	22.30 0.90 0.00
ASTORIA_GT2_1 24094	21.67 1.25 0.00	20.28 1.08 0.00	19.83 1.09 0.00	20.17 1.03 0.00	20.95 0.94 0.00	22.57 0.93 0.00	29.93 1.07 0.00	32.14 1.76 0.00	32.96 1.84 0.00	32.09 1.79 0.00	33.90 1.95 0.00	34.05 2.02 0.00	32.18 1.96 0.00	32.09 2.07 0.00	31.75 2.05 0.00	31.28 1.99 0.00	34.50 1.98 0.00	39.78 2.36 0.00	43.04 2.55 0.00	37.30 2.11 0.00	34.05 1.93 0.00	29.29 1.05 0.00	25.80 0.97 0.00	22.47 1.07 0.00
ASTORIA_GT2_2 24095	21.67 1.25 0.00	20.28 1.08 0.00	19.83 1.09 0.00	20.17 1.03 0.00	20.95 0.94 0.00	22.57 0.93 0.00	29.93 1.07 0.00	32.14 1.76 0.00	32.96 1.84 0.00	32.09 1.79 0.00	33.90 1.95 0.00	34.05 2.02 0.00	32.18 1.96 0.00	32.09 2.07 0.00	31.75 2.05 0.00	31.28 1.99 0.00	34.50 1.98 0.00	39.78 2.36 0.00	43.04 2.55 0.00	37.30 2.11 0.00	34.05 1.93 0.00	29.29 1.05 0.00	25.80 0.97 0.00	22.47 1.07 0.00
ASTORIA_GT2_3 24096	21.67 1.25 0.00	20.28 1.08 0.00	19.83 1.09 0.00	20.17 1.03 0.00	20.95 0.94 0.00	22.57 0.93 0.00	29.93 1.07 0.00	32.14 1.76 0.00	32.96 1.84 0.00	32.09 1.79 0.00	33.90 1.95 0.00	34.05 2.02 0.00	32.18 1.96 0.00	32.09 2.07 0.00	31.75 2.05 0.00	31.28 1.99 0.00	34.50 1.98 0.00	39.78 2.36 0.00	43.04 2.55 0.00	37.30 2.11 0.00	34.05 1.93 0.00	29.29 1.05 0.00	25.80 0.97 0.00	22.47 1.07 0.00
ASTORIA_GT2_4 24097	21.67 1.25 0.00	20.28 1.08 0.00	19.83 1.09 0.00	20.17 1.03 0.00	20.95 0.94 0.00	22.57 0.93 0.00	29.93 1.07 0.00	32.14 1.76 0.00	32.96 1.84 0.00	32.09 1.79 0.00	33.90 1.95 0.00	34.05 2.02 0.00	32.18 1.96 0.00	32.09 2.07 0.00	31.75 2.05 0.00	31.28 1.99 0.00	34.50 1.98 0.00	39.78 2.36 0.00	43.04 2.55 0.00	37.30 2.11 0.00	34.05 1.93 0.00	29.29 1.05 0.00	25.80 0.97 0.00	22.47 1.07 0.00
ASTORIA_GT3_1 24098	21.67 1.25 0.00	20.28 1.08 0.00	19.83 1.09 0.00	20.17 1.03 0.00	20.95 0.94 0.00	22.57 0.93 0.00	29.93 1.07 0.00	32.14 1.76 0.00	32.96 1.84 0.00	32.09 1.79 0.00	33.90 1.95 0.00	34.05 2.02 0.00	32.18 1.96 0.00	32.09 2.07 0.00	31.75 2.05 0.00	31.28 1.99 0.00	34.50 1.98 0.00	39.78 2.36 0.00	43.04 2.55 0.00	37.30 2.11 0.00	34.05 1.93 0.00	29.29 1.05 0.00	25.80 0.97 0.00	22.47 1.07 0.00
ASTORIA_GT3_2 24099	21.67 1.25 0.00	20.28 1.08 0.00	19.83 1.09 0.00	20.17 1.03 0.00	20.95 0.94 0.00	22.57 0.93 0.00	29.93 1.07 0.00	32.14 1.76 0.00	32.96 1.84 0.00	32.09 1.79 0.00	33.90 1.95 0.00	34.05 2.02 0.00	32.18 1.96 0.00	32.09 2.07 0.00	31.75 2.05 0.00	31.28 1.99 0.00	34.50 1.98 0.00	39.78 2.36 0.00	43.04 2.55 0.00	37.30 2.11 0.00	34.05 1.93 0.00	29.29 1.05 0.00	25.80 0.97 0.00	22.47 1.07 0.00
ASTORIA_GT3_3 24100	21.67 1.25 0.00	20.28 1.08 0.00	19.83 1.09 0.00	20.17 1.03 0.00	20.95 0.94 0.00	22.57 0.93 0.00	29.93 1.07 0.00	32.14 1.76 0.00	32.96 1.84 0.00	32.09 1.79 0.00	33.90 1.95 0.00	34.05 2.02 0.00	32.18 1.96 0.00	32.09 2.07 0.00	31.75 2.05 0.00	31.28 1.99 0.00	34.50 1.98 0.00	39.78 2.36 0.00	43.04 2.55 0.00	37.30 2.11 0.00	34.05 1.93 0.00	29.29 1.05 0.00	25.80 0.97 0.00	22.47 1.07 0.00
ASTORIA_GT3_4 24101	21.67 1.25 0.00	20.28 1.08 0.00	19.83 1.09 0.00	20.17 1.03 0.00	20.95 0.94 0.00	22.57 0.93 0.00	29.93 1.07 0.00	32.14 1.76 0.00	32.96 1.84 0.00	32.09 1.79 0.00	33.90 1.95 0.00	34.05 2.02 0.00	32.18 1.96 0.00	32.09 2.07 0.00	31.75 2.05 0.00	31.28 1.99 0.00	34.50 1.98 0.00	39.78 2.36 0.00	43.04 2.55 0.00	37.30 2.11 0.00	34.05 1.93 0.00	29.29 1.05 0.00	25.80 0.97 0.00	22.47 1.07 0.00
ASTORIA_GT4_1 24102	21.67 1.25 0.00	20.28 1.08 0.00	19.83 1.09 0.00	20.17 1.03 0.00	20.95 0.94 0.00	22.57 0.93 0.00	29.93 1.07 0.00	32.14 1.76 0.00	32.96 1.84 0.00	32.09 1.79 0.00	33.90 1.95 0.00	34.05 2.02 0.00	32.18 1.96 0.00	32.09 2.07 0.00	31.75 2.05 0.00	31.28 1.99 0.00	34.50 1.98 0.00	39.78 2.36 0.00	43.04 2.55 0.00	37.30 2.11 0.00	34.05 1.93 0.00	29.29 1.05 0.00	25.80 0.97 0.00	22.47 1.07 0.00
ASTORIA_GT4_2 24103	21.67 1.25 0.00	20.28 1.08 0.00	19.83 1.09 0.00	20.17 1.03 0.00	20.95 0.94 0.00	22.57 0.93 0.00	29.93 1.07 0.00	32.14 1.76 0.00	32.96 1.84 0.00	32.09 1.79 0.00	33.90 1.95 0.00	34.05 2.02 0.00	32.18 1.96 0.00	32.09 2.07 0.00	31.75 2.05 0.00	31.28 1.99 0.00	34.50 1.98 0.00	39.78 2.36 0.00	43.04 2.55 0.00	37.30 2.11 0.00	34.05 1.93 0.00	29.29 1.05 0.00	25.80 0.97 0.00	22.47 1.07 0.00
ASTORIA_GT4_3 24104	21.67 1.25 0.00	20.28 1.08 0.00	19.83 1.09 0.00	20.17 1.03 0.00	20.95 0.94 0.00	22.57 0.93 0.00	29.93 1.07 0.00	32.14 1.76 0.00	32.96 1.84 0.00	32.09 1.79 0.00	33.90 1.95 0.00	34.05 2.02 0.00	32.18 1.96 0.00	32.09 2.07 0.00	31.75 2.05 0.00	31.28 1.99 0.00	34.50 1.98 0.00	39.78 2.36 0.00	43.04 2.55 0.00	37.30 2.11 0.00	34.05 1.93 0.00	29.29 1.05 0.00	25.80 0.97 0.00	22.47 1.07 0.00

ASTORIA_GT4_4 24105	21.67 1.25 0.00	20.28 1.08 0.00	19.83 1.09 0.00	20.17 1.03 0.00	20.95 0.94 0.00	22.57 0.93 0.00	29.93 1.07 0.00	32.14 1.76 0.00	32.96 1.84 0.00	32.09 1.79 0.00	33.90 1.95 0.00	34.05 2.02 0.00	32.18 1.96 0.00	32.09 2.07 0.00	31.75 2.05 0.00	31.28 1.99 0.00	34.50 1.98 0.00	39.78 2.36 0.00	43.04 2.55 0.00	37.30 2.11 0.00	34.05 1.93 0.00	29.29 1.05 0.00	25.80 0.97 0.00	22.47 1.07 0.00
ASTORIA_GT_1 23523	21.72 1.29 -0.01	20.28 1.07 0.00	19.85 1.11 0.00	20.19 1.05 0.00	20.97 0.96 0.00	22.48 0.84 0.00	29.92 1.07 0.01	32.22 1.85 0.01	33.01 1.90 0.01	32.11 1.82 0.01	33.96 2.01 0.01	34.10 2.08 0.01	32.23 2.02 0.01	32.15 2.13 0.01	31.80 2.11 0.01	31.33 2.05 0.01	34.56 2.05 0.01	39.85 2.43 0.01	43.07 2.59 0.01	37.43 2.25 0.01	34.11 1.99 0.01	29.34 1.10 0.01	25.82 0.99 0.00	22.34 0.94 0.00
ASTORIA_GT_10 24110	21.55 1.12 0.00	20.18 0.98 0.00	19.73 0.99 0.00	20.07 0.94 0.00	20.87 0.86 0.00	22.61 0.97 0.00	30.07 1.21 0.00	32.29 1.91 0.00	33.08 1.96 0.00	32.18 1.88 0.00	34.00 2.05 0.00	34.17 2.15 0.00	32.30 2.08 0.00	32.18 2.16 0.00	31.84 2.14 0.00	31.36 2.08 0.00	34.60 2.08 0.00	39.93 2.51 0.00	43.16 2.67 0.00	37.41 2.22 0.00	34.18 2.06 0.00	29.44 1.19 0.00	25.85 1.02 0.00	22.45 1.05 0.00
ASTORIA_GT_11 24225	21.55 1.12 0.00	20.18 0.98 0.00	19.73 0.99 0.00	20.07 0.94 0.00	20.87 0.86 0.00	22.61 0.97 0.00	30.07 1.21 0.00	32.29 1.91 0.00	33.08 1.96 0.00	32.18 1.88 0.00	34.00 2.05 0.00	34.17 2.15 0.00	32.30 2.08 0.00	32.18 2.16 0.00	31.84 2.14 0.00	31.36 2.08 0.00	34.60 2.08 0.00	39.93 2.51 0.00	43.16 2.67 0.00	37.41 2.22 0.00	34.18 2.06 0.00	29.44 1.19 0.00	25.85 1.02 0.00	22.45 1.05 0.00
ASTORIA_GT_12 24226	21.55 1.12 0.00	20.18 0.98 0.00	19.73 0.99 0.00	20.07 0.94 0.00	20.87 0.86 0.00	22.61 0.97 0.00	30.07 1.21 0.00	32.29 1.91 0.00	33.08 1.96 0.00	32.18 1.88 0.00	34.00 2.05 0.00	34.17 2.15 0.00	32.30 2.08 0.00	32.18 2.16 0.00	31.84 2.14 0.00	31.36 2.08 0.00	34.60 2.08 0.00	39.93 2.51 0.00	43.16 2.67 0.00	37.41 2.22 0.00	34.18 2.06 0.00	29.44 1.19 0.00	25.85 1.02 0.00	22.45 1.05 0.00
ASTORIA_GT_13 24227	21.55 1.12 0.00	20.18 0.98 0.00	19.73 0.99 0.00	20.07 0.94 0.00	20.87 0.86 0.00	22.61 0.97 0.00	30.07 1.21 0.00	32.29 1.91 0.00	33.08 1.96 0.00	32.18 1.88 0.00	34.00 2.05 0.00	34.17 2.15 0.00	32.30 2.08 0.00	32.18 2.16 0.00	31.84 2.14 0.00	31.36 2.08 0.00	34.60 2.08 0.00	39.93 2.51 0.00	43.16 2.67 0.00	37.41 2.22 0.00	34.18 2.06 0.00	29.44 1.19 0.00	25.85 1.02 0.00	22.45 1.05 0.00
ASTORIA_GT_5 24106	21.71 1.29 0.00	20.30 1.09 0.00	19.85 1.11 0.00	20.19 1.05 0.00	20.97 0.96 0.00	22.59 0.95 0.00	29.96 1.10 0.00	32.20 1.82 0.00	33.02 1.90 0.00	32.12 1.82 0.00	33.97 2.01 0.00	34.11 2.08 0.00	32.24 2.02 0.00	32.15 2.13 0.00	31.81 2.11 0.00	31.33 2.05 0.00	34.57 2.05 0.00	39.86 2.43 0.00	43.12 2.63 0.00	37.37 2.18 0.00	34.12 1.99 0.00	29.35 1.10 0.00	25.82 0.99 0.00	22.49 1.09 0.00
ASTORIA_GT_7 24107	21.71 1.29 0.00	20.30 1.09 0.00	19.85 1.11 0.00	20.19 1.05 0.00	20.97 0.96 0.00	22.59 0.95 0.00	29.96 1.10 0.00	32.20 1.82 0.00	33.02 1.90 0.00	32.12 1.82 0.00	33.97 2.01 0.00	34.11 2.08 0.00	32.24 2.02 0.00	32.15 2.13 0.00	31.81 2.11 0.00	31.33 2.05 0.00	34.57 2.05 0.00	39.86 2.43 0.00	43.12 2.63 0.00	37.37 2.18 0.00	34.12 1.99 0.00	29.35 1.10 0.00	25.82 0.99 0.00	22.49 1.09 0.00
ASTORIA_GT_8 24108	21.71 1.29 0.00	20.30 1.09 0.00	19.85 1.11 0.00	20.19 1.05 0.00	20.97 0.96 0.00	22.59 0.95 0.00	29.96 1.10 0.00	32.20 1.82 0.00	33.02 1.90 0.00	32.12 1.82 0.00	33.97 2.01 0.00	34.11 2.08 0.00	32.24 2.02 0.00	32.15 2.13 0.00	31.81 2.11 0.00	31.33 2.05 0.00	34.57 2.05 0.00	39.86 2.43 0.00	43.12 2.63 0.00	37.37 2.18 0.00	34.12 1.99 0.00	29.35 1.10 0.00	25.82 0.99 0.00	22.49 1.09 0.00
ASTORIA___2 24149	21.68 1.25 -0.01	20.26 1.06 0.00	19.83 1.09 0.00	20.17 1.03 0.00	20.95 0.94 0.00	22.46 0.82 0.00	29.86 1.01 0.01	32.16 1.79 0.01	32.95 1.84 0.01	32.05 1.76 0.01	33.90 1.95 0.01	34.04 2.02 0.01	32.20 1.99 0.01	32.08 2.07 0.01	31.74 2.05 0.01	31.27 1.99 0.01	34.50 1.98 0.01	39.78 2.36 0.01	42.99 2.51 0.01	37.36 2.18 0.01	34.04 1.93 0.01	29.29 1.05 0.01	25.77 0.94 0.00	22.30 0.90 0.00
ASTORIA___3 23516	21.55 1.12 0.00	20.16 0.96 0.00	19.73 0.99 0.00	20.07 0.94 0.00	20.87 0.86 0.00	22.50 0.87 0.00	30.05 1.18 0.00	32.32 1.95 0.00	33.05 1.93 0.00	32.18 1.88 0.00	34.00 2.05 0.00	34.17 2.15 0.00	32.30 2.08 0.00	32.19 2.16 0.00	31.84 2.14 0.00	31.36 2.08 0.00	34.60 2.08 0.00	39.93 2.51 0.00	43.12 2.63 0.00	37.47 2.29 0.00	34.15 2.03 0.00	29.44 1.19 0.00	25.85 1.02 0.00	22.30 0.90 0.00
ASTORIA___4 23517	21.55 1.12 0.00	20.18 0.98 0.00	19.73 0.99 0.00	20.07 0.94 0.00	20.87 0.86 0.00	22.61 0.97 0.00	30.07 1.21 0.00	32.29 1.91 0.00	33.08 1.96 0.00	32.18 1.88 0.00	34.00 2.05 0.00	34.17 2.15 0.00	32.30 2.08 0.00	32.18 2.16 0.00	31.84 2.14 0.00	31.36 2.08 0.00	34.60 2.08 0.00	39.93 2.51 0.00	43.16 2.67 0.00	37.41 2.22 0.00	34.18 2.06 0.00	29.44 1.19 0.00	25.85 1.02 0.00	22.45 1.05 0.00
ASTORIA___5 23518	21.55 1.12 0.00	20.16 0.96 0.00	19.73 0.99 0.00	20.07 0.94 0.00	20.87 0.86 0.00	22.50 0.87 0.00	30.05 1.18 0.00	32.32 1.95 0.00	33.05 1.93 0.00	32.18 1.88 0.00	34.00 2.05 0.00	34.17 2.15 0.00	32.30 2.08 0.00	32.19 2.16 0.00	31.84 2.14 0.00	31.36 2.08 0.00	34.60 2.08 0.00	39.93 2.51 0.00	43.12 2.63 0.00	37.47 2.29 0.00	34.15 2.03 0.00	29.44 1.19 0.00	25.85 1.02 0.00	22.30 0.90 0.00
AST_ENERGY_2_CC3 323677	21.38 0.96 0.00	20.05 0.84 0.00	19.58 0.84 0.00	19.96 0.82 0.00	20.77 0.76 0.00	22.46 0.82 0.00	30.05 1.18 0.00	32.26 1.88 0.00	32.96 1.84 0.00	32.06 1.76 0.00	33.87 1.92 0.00	34.05 2.02 0.00	32.15 1.94 0.00	32.06 2.04 0.00	31.72 2.02 0.00	31.25 1.96 0.00	34.47 1.95 0.00	39.78 2.36 0.00	43.00 2.51 0.00	37.33 2.15 0.00	34.05 1.93 0.00	29.38 1.13 0.00	25.77 0.94 0.00	22.19 0.79 0.00
AST_ENERGY_2_CC4 323678	21.38 0.96 0.00	20.05 0.84 0.00	19.58 0.84 0.00	19.96 0.82 0.00	20.77 0.76 0.00	22.46 0.82 0.00	30.05 1.18 0.00	32.26 1.88 0.00	32.96 1.84 0.00	32.06 1.76 0.00	33.87 1.92 0.00	34.05 2.02 0.00	32.15 1.94 0.00	32.06 2.04 0.00	31.72 2.02 0.00	31.25 1.96 0.00	34.47 1.95 0.00	39.78 2.36 0.00	43.00 2.51 0.00	37.33 2.15 0.00	34.05 1.93 0.00	29.38 1.13 0.00	25.77 0.94 0.00	22.19 0.79 0.00

ATHENS_STG_1 23668	21.08 0.65 0.00	19.82 0.61 0.00	19.34 0.60 0.00	19.75 0.61 0.00	20.59 0.58 0.00	22.24 0.60 0.00	29.64 0.78 0.00	31.50 1.12 0.00	32.27 1.15 0.00	31.42 1.12 0.00	33.10 1.15 0.00	33.25 1.22 0.00	31.34 1.12 0.00	31.19 1.17 0.00	30.83 1.13 0.00	30.43 1.14 0.00	33.69 1.17 0.00	38.81 1.39 0.00	41.94 1.46 0.00	36.45 1.26 0.00	33.25 1.12 0.00	28.93 0.68 0.00	25.35 0.52 0.00	21.89 0.49 0.00
ATHENS_STG_2 23670	21.08 0.65 0.00	19.82 0.61 0.00	19.34 0.60 0.00	19.75 0.61 0.00	20.59 0.58 0.00	22.24 0.60 0.00	29.64 0.78 0.00	31.50 1.12 0.00	32.27 1.15 0.00	31.42 1.12 0.00	33.10 1.15 0.00	33.25 1.22 0.00	31.34 1.12 0.00	31.19 1.17 0.00	30.83 1.13 0.00	30.43 1.14 0.00	33.69 1.17 0.00	38.81 1.39 0.00	41.94 1.46 0.00	36.45 1.26 0.00	33.25 1.12 0.00	28.93 0.68 0.00	25.35 0.52 0.00	21.89 0.49 0.00
ATHENS_STG_3 23677	21.08 0.65 0.00	19.82 0.61 0.00	19.34 0.60 0.00	19.75 0.61 0.00	20.59 0.58 0.00	22.24 0.60 0.00	29.64 0.78 0.00	31.50 1.12 0.00	32.27 1.15 0.00	31.42 1.12 0.00	33.10 1.15 0.00	33.25 1.22 0.00	31.34 1.12 0.00	31.19 1.17 0.00	30.83 1.13 0.00	30.43 1.14 0.00	33.69 1.17 0.00	38.81 1.39 0.00	41.94 1.46 0.00	36.45 1.26 0.00	33.25 1.12 0.00	28.93 0.68 0.00	25.35 0.52 0.00	21.89 0.49 0.00
AUBURN___LFGE 323710	20.44 0.02 0.00	19.22 0.02 0.00	18.74 0.00 0.00	19.10 -0.04 0.00	20.09 0.08 0.00	21.66 0.02 0.00	28.66 -0.20 0.00	30.31 -0.06 0.00	31.00 -0.12 0.00	30.12 -0.18 0.00	31.86 -0.10 0.00	31.77 -0.26 0.00	30.04 -0.18 0.00	29.75 -0.27 0.00	29.43 -0.27 0.00	29.02 -0.26 0.00	32.36 -0.16 0.00	37.31 -0.11 0.00	40.41 -0.08 0.00	35.08 -0.11 0.00	32.00 -0.13 0.00	28.02 -0.23 0.00	24.66 -0.17 0.00	21.42 0.02 0.00
BABYLON_RES_REC 323704	21.83 1.41 0.00	20.53 1.32 0.00	20.07 1.33 0.00	20.40 1.26 0.00	21.25 1.24 0.00	23.11 1.47 0.00	31.11 2.02 -0.23	32.86 2.49 0.00	33.77 2.64 0.00	33.80 2.57 -0.92	35.65 2.75 -0.94	37.52 2.88 -2.61	35.43 2.72 -2.49	35.46 2.79 -2.65	36.85 2.73 -4.42	35.63 2.69 -3.65	37.59 2.89 -2.17	42.58 3.41 -1.75	45.57 3.72 -1.35	38.66 3.20 -0.27	34.92 2.79 0.00	30.38 1.92 -0.20	27.26 1.61 -0.82	24.98 1.41 -2.16
BABYLON___69_KV_BK2 356345	22.04 1.61 0.00	20.72 1.52 0.00	20.26 1.52 0.00	20.61 1.47 0.00	21.53 1.52 0.00	23.47 1.84 0.00	31.49 2.40 -0.23	33.17 2.79 0.00	34.14 3.02 0.00	34.16 2.94 -0.92	36.06 3.16 -0.94	37.94 3.30 -2.61	35.85 3.14 -2.49	35.82 3.15 -2.65	37.24 3.12 -4.42	36.01 3.07 -3.65	37.95 3.25 -2.18	42.93 3.74 -1.76	46.14 4.29 -1.36	39.01 3.55 -0.27	35.27 3.15 0.00	30.68 2.23 -0.20	27.54 1.89 -0.82	25.36 1.80 -2.16
BALL_HILL_WT_PWR 323825	18.89 -1.53 0.00	17.74 -1.46 0.00	17.33 -1.41 0.00	17.70 -1.44 0.00	18.89 -1.12 0.00	20.42 -1.21 0.00	26.15 -2.71 0.00	27.37 -3.01 0.00	28.13 -2.99 0.00	27.30 -3.00 0.00	28.69 -3.26 0.00	28.63 -3.40 0.00	27.41 -2.81 0.00	26.87 -3.15 0.00	26.61 -3.09 0.00	26.24 -3.05 0.00	29.30 -3.22 0.00	33.65 -3.78 0.00	36.64 -3.85 0.00	31.81 -3.38 0.00	29.14 -2.99 0.00	25.54 -2.71 0.00	22.87 -1.96 0.00	20.63 -0.77 0.00
BARON_WINDS___WT_PWR 323822	20.22 -0.20 0.00	19.01 -0.19 0.00	18.57 -0.17 0.00	18.96 -0.17 0.00	20.05 0.04 0.00	21.72 0.09 0.00	28.60 -0.26 0.00	30.25 -0.12 0.00	30.87 -0.25 0.00	30.03 -0.27 0.00	31.79 -0.16 0.00	31.71 -0.32 0.00	30.04 -0.18 0.00	29.69 -0.33 0.00	29.40 -0.30 0.00	29.02 -0.26 0.00	32.42 -0.10 0.00	37.39 -0.04 0.00	40.61 0.12 0.00	35.19 0.00 0.00	32.06 -0.06 0.00	27.99 -0.25 0.00	24.66 -0.17 0.00	21.64 0.24 0.00
BARRETT_IC_1 23704	21.72 1.29 -0.01	20.39 1.19 0.00	19.92 1.18 0.00	20.28 1.15 0.00	21.14 1.12 -0.01	22.94 1.30 -0.01	30.86 1.76 -0.24	32.65 2.28 0.00	33.53 2.40 -0.01	33.56 2.33 -0.93	35.29 2.40 -0.94	37.07 2.43 -2.61	35.04 2.33 -2.49	35.04 2.37 -2.65	36.47 2.35 -4.42	35.25 2.31 -3.65	37.10 2.41 -2.17	41.94 2.77 -1.75	44.92 3.08 -1.35	38.12 2.67 -0.26	34.54 2.41 0.00	30.09 1.64 -0.20	27.07 1.41 -0.83	24.79 1.22 -2.17
BARRETT_IC_10 23701	21.72 1.29 -0.01	20.39 1.19 0.00	19.92 1.18 0.00	20.28 1.15 0.00	21.14 1.12 -0.01	22.94 1.30 -0.01	30.86 1.76 -0.24	32.65 2.28 0.00	33.53 2.40 -0.01	33.56 2.33 -0.93	35.29 2.40 -0.94	37.07 2.43 -2.61	35.04 2.33 -2.49	35.04 2.37 -2.65	36.47 2.35 -4.42	35.25 2.31 -3.65	37.10 2.41 -2.17	41.94 2.77 -1.75	44.92 3.08 -1.35	38.12 2.67 -0.26	34.54 2.41 0.00	30.09 1.64 -0.20	27.07 1.41 -0.83	24.79 1.22 -2.17
BARRETT_IC_11 23702	21.72 1.29 -0.01	20.39 1.19 0.00	19.92 1.18 0.00	20.28 1.15 0.00	21.14 1.12 -0.01	22.94 1.30 -0.01	30.86 1.76 -0.24	32.65 2.28 0.00	33.53 2.40 -0.01	33.56 2.33 -0.93	35.29 2.40 -0.94	37.07 2.43 -2.61	35.04 2.33 -2.49	35.04 2.37 -2.65	36.47 2.35 -4.42	35.25 2.31 -3.65	37.10 2.41 -2.17	41.94 2.77 -1.75	44.92 3.08 -1.35	38.12 2.67 -0.26	34.54 2.41 0.00	30.09 1.64 -0.20	27.07 1.41 -0.83	24.79 1.22 -2.17
BARRETT_IC_12 23703	21.72 1.29 -0.01	20.39 1.19 0.00	19.92 1.18 0.00	20.28 1.15 0.00	21.14 1.12 -0.01	22.94 1.30 -0.01	30.86 1.76 -0.24	32.65 2.28 0.00	33.53 2.40 -0.01	33.56 2.33 -0.93	35.29 2.40 -0.94	37.07 2.43 -2.61	35.04 2.33 -2.49	35.04 2.37 -2.65	36.47 2.35 -4.42	35.25 2.31 -3.65	37.10 2.41 -2.17	41.94 2.77 -1.75	44.92 3.08 -1.35	38.12 2.67 -0.26	34.54 2.41 0.00	30.09 1.64 -0.20	27.07 1.41 -0.83	24.79 1.22 -2.17
BARRETT_IC_2 23705	21.72 1.29 -0.01	20.39 1.19 0.00	19.92 1.18 0.00	20.28 1.15 0.00	21.14 1.12 -0.01	22.94 1.30 -0.01	30.86 1.76 -0.24	32.65 2.28 0.00	33.53 2.40 -0.01	33.56 2.33 -0.93	35.29 2.40 -0.94	37.07 2.43 -2.61	35.04 2.33 -2.49	35.04 2.37 -2.65	36.47 2.35 -4.42	35.25 2.31 -3.65	37.10 2.41 -2.17	41.94 2.77 -1.75	44.92 3.08 -1.35	38.12 2.67 -0.26	34.54 2.41 0.00	30.09 1.64 -0.20	27.07 1.41 -0.83	24.79 1.22 -2.17
BARRETT_IC_3 23706	21.72 1.29 -0.01	20.39 1.19 0.00	19.92 1.18 0.00	20.28 1.15 0.00	21.14 1.12 -0.01	22.94 1.30 -0.01	30.86 1.76 -0.24	32.65 2.28 0.00	33.53 2.40 -0.01	33.56 2.33 -0.93	35.29 2.40 -0.94	37.07 2.43 -2.61	35.04 2.33 -2.49	35.04 2.37 -2.65	36.47 2.35 -4.42	35.25 2.31 -3.65	37.10 2.41 -2.17	41.94 2.77 -1.75	44.92 3.08 -1.35	38.12 2.67 -0.26	34.54 2.41 0.00	30.09 1.64 -0.20	27.07 1.41 -0.83	24.79 1.22 -2.17
BARRETT_IC_4 23707	21.72 1.29 -0.01	20.39 1.19 0.00	19.92 1.18 0.00	20.28 1.15 0.00	21.14 1.12 -0.01	22.94 1.30 -0.01	30.86 1.76 -0.24	32.65 2.28 0.00	33.53 2.40 -0.01	33.56 2.33 -0.93	35.29 2.40 -0.94	37.07 2.43 -2.61	35.04 2.33 -2.49	35.04 2.37 -2.65	36.47 2.35 -4.42	35.25 2.31 -3.65	37.10 2.41 -2.17	41.94 2.77 -1.75	44.92 3.08 -1.35	38.12 2.67 -0.26	34.54 2.41 0.00	30.09 1.64 -0.20	27.07 1.41 -0.83	24.79 1.22 -2.17

BARRETT_IC_5 23708	21.72 1.29 -0.01	20.39 1.19 0.00	19.92 1.18 0.00	20.28 1.15 0.00	21.14 1.12 -0.01	22.94 1.30 -0.01	30.86 1.76 -0.24	32.65 2.28 0.00	33.53 2.40 -0.01	33.56 2.33 -0.93	35.29 2.40 -0.94	37.07 2.43 -2.61	35.04 2.33 -2.49	35.04 2.37 -2.65	36.47 2.35 -4.42	35.25 2.31 -3.65	37.10 2.41 -2.17	41.94 2.77 -1.75	44.92 3.08 -1.35	38.12 2.67 -0.26	34.54 2.41 0.00	30.09 1.64 -0.20	27.07 1.41 -0.83	24.79 1.22 -2.17
BARRETT_IC_6 23709	21.72 1.29 -0.01	20.39 1.19 0.00	19.92 1.18 0.00	20.28 1.15 0.00	21.14 1.12 -0.01	22.94 1.30 -0.01	30.86 1.76 -0.24	32.65 2.28 0.00	33.53 2.40 -0.01	33.56 2.33 -0.93	35.29 2.40 -0.94	37.07 2.43 -2.61	35.04 2.33 -2.49	35.04 2.37 -2.65	36.47 2.35 -4.42	35.25 2.31 -3.65	37.10 2.41 -2.17	41.94 2.77 -1.75	44.92 3.08 -1.35	38.12 2.67 -0.26	34.54 2.41 0.00	30.09 1.64 -0.20	27.07 1.41 -0.83	24.79 1.22 -2.17
BARRETT_IC_7 23710	21.71 1.29 0.00	20.39 1.19 0.00	19.92 1.18 0.00	20.28 1.15 0.00	21.17 1.16 0.00	23.02 1.38 0.00	30.88 1.79 -0.23	32.62 2.25 0.00	33.52 2.40 0.00	33.55 2.33 -0.92	35.26 2.36 -0.94	37.07 2.43 -2.61	35.04 2.33 -2.49	35.07 2.40 -2.65	36.47 2.35 -4.42	35.22 2.28 -3.65	37.13 2.44 -2.17	41.98 2.81 -1.75	44.92 3.08 -1.35	38.02 2.57 -0.26	34.50 2.38 0.00	30.09 1.64 -0.20	27.06 1.42 -0.82	24.93 1.37 -2.16
BARRETT_IC_8 23711	21.72 1.29 -0.01	20.39 1.19 0.00	19.92 1.18 0.00	20.28 1.15 0.00	21.14 1.12 -0.01	22.94 1.30 -0.01	30.86 1.76 -0.24	32.65 2.28 0.00	33.53 2.40 -0.01	33.56 2.33 -0.93	35.29 2.40 -0.94	37.07 2.43 -2.61	35.04 2.33 -2.49	35.04 2.37 -2.65	36.47 2.35 -4.42	35.25 2.31 -3.65	37.10 2.41 -2.17	41.94 2.77 -1.75	44.92 3.08 -1.35	38.12 2.67 -0.26	34.54 2.41 0.00	30.09 1.64 -0.20	27.07 1.41 -0.83	24.79 1.22 -2.17
BARRETT_IC_9 23700	21.72 1.29 -0.01	20.39 1.19 0.00	19.92 1.18 0.00	20.28 1.15 0.00	21.14 1.12 -0.01	22.94 1.30 -0.01	30.86 1.76 -0.24	32.65 2.28 0.00	33.53 2.40 -0.01	33.56 2.33 -0.93	35.29 2.40 -0.94	37.07 2.43 -2.61	35.04 2.33 -2.49	35.04 2.37 -2.65	36.47 2.35 -4.42	35.25 2.31 -3.65	37.10 2.41 -2.17	41.94 2.77 -1.75	44.92 3.08 -1.35	38.12 2.67 -0.26	34.54 2.41 0.00	30.09 1.64 -0.20	27.07 1.41 -0.83	24.79 1.22 -2.17
BARRETT___1 23545	21.72 1.29 -0.01	20.39 1.19 0.00	19.92 1.18 0.00	20.28 1.15 0.00	21.14 1.12 -0.01	22.94 1.30 -0.01	30.86 1.76 -0.24	32.65 2.28 0.00	33.53 2.40 -0.01	33.56 2.33 -0.93	35.29 2.40 -0.94	37.07 2.43 -2.61	35.04 2.33 -2.49	35.04 2.37 -2.65	36.47 2.35 -4.42	35.25 2.31 -3.65	37.10 2.41 -2.17	41.94 2.77 -1.75	44.92 3.08 -1.35	38.12 2.67 -0.26	34.54 2.41 0.00	30.09 1.64 -0.20	27.07 1.41 -0.83	24.79 1.22 -2.17
BARRETT___2 23546	21.72 1.29 -0.01	20.39 1.19 0.00	19.92 1.18 0.00	20.28 1.15 0.00	21.14 1.12 -0.01	22.94 1.30 -0.01	30.86 1.76 -0.24	32.65 2.28 0.00	33.53 2.40 -0.01	33.56 2.33 -0.93	35.29 2.40 -0.94	37.07 2.43 -2.61	35.04 2.33 -2.49	35.04 2.37 -2.65	36.47 2.35 -4.42	35.25 2.31 -3.65	37.10 2.41 -2.17	41.94 2.77 -1.75	44.92 3.08 -1.35	38.12 2.67 -0.26	34.54 2.41 0.00	30.09 1.64 -0.20	27.07 1.41 -0.83	24.79 1.22 -2.17
BATAVIA__115KV_TB1 55881	19.10 -1.33 0.00	17.92 -1.29 0.00	17.47 -1.27 0.00	17.87 -1.26 0.00	19.05 -0.96 0.00	20.51 -1.13 0.00	26.35 -2.51 0.00	27.73 -2.64 0.00	28.54 -2.58 0.00	27.52 -2.79 0.00	29.01 -2.94 0.00	28.92 -3.11 0.00	27.56 -2.66 0.00	27.02 -3.00 0.00	26.79 -2.91 0.00	26.41 -2.87 0.00	29.37 -3.15 0.00	33.76 -3.67 0.00	36.72 -3.77 0.00	32.02 -3.17 0.00	29.33 -2.79 0.00	25.74 -2.51 0.00	23.07 -1.76 0.00	20.61 -0.79 0.00
BAYONEEC___CTG1 323682	21.40 0.98 0.00	20.05 0.84 0.00	19.60 0.86 0.00	19.96 0.82 0.00	20.77 0.76 0.00	22.48 0.84 0.00	30.07 1.21 0.00	32.29 1.91 0.00	32.99 1.87 0.00	32.12 1.82 0.00	33.92 1.95 -0.02	34.11 2.05 -0.03	32.21 1.99 0.00	32.13 2.10 0.00	31.75 2.05 0.00	31.31 2.02 0.00	34.57 2.02 -0.04	39.87 2.40 -0.05	43.45 2.55 -0.41	37.78 2.18 -0.41	34.12 1.99 0.00	29.41 1.16 0.00	25.80 0.97 0.00	22.21 0.81 0.00
BAYONEEC___CTG10 323750	21.40 0.98 0.00	20.05 0.84 0.00	19.60 0.86 0.00	19.96 0.82 0.00	20.77 0.76 0.00	22.48 0.84 0.00	30.07 1.21 0.00	32.29 1.91 0.00	32.99 1.87 0.00	32.12 1.82 0.00	33.92 1.95 -0.02	34.11 2.05 -0.03	32.21 1.99 0.00	32.13 2.10 0.00	31.75 2.05 0.00	31.31 2.02 0.00	34.57 2.02 -0.04	39.87 2.40 -0.05	43.45 2.55 -0.41	37.78 2.18 -0.41	34.12 1.99 0.00	29.41 1.16 0.00	25.80 0.97 0.00	22.21 0.81 0.00
BAYONEEC___CTG2 323683	21.40 0.98 0.00	20.05 0.84 0.00	19.60 0.86 0.00	19.96 0.82 0.00	20.77 0.76 0.00	22.48 0.84 0.00	30.07 1.21 0.00	32.29 1.91 0.00	32.99 1.87 0.00	32.12 1.82 0.00	33.92 1.95 -0.02	34.11 2.05 -0.03	32.21 1.99 0.00	32.13 2.10 0.00	31.75 2.05 0.00	31.31 2.02 0.00	34.57 2.02 -0.04	39.87 2.40 -0.05	43.45 2.55 -0.41	37.78 2.18 -0.41	34.12 1.99 0.00	29.41 1.16 0.00	25.80 0.97 0.00	22.21 0.81 0.00
BAYONEEC___CTG3 323684	21.40 0.98 0.00	20.05 0.84 0.00	19.60 0.86 0.00	19.96 0.82 0.00	20.77 0.76 0.00	22.48 0.84 0.00	30.07 1.21 0.00	32.29 1.91 0.00	32.99 1.87 0.00	32.12 1.82 0.00	33.92 1.95 -0.02	34.11 2.05 -0.03	32.21 1.99 0.00	32.13 2.10 0.00	31.75 2.05 0.00	31.31 2.02 0.00	34.57 2.02 -0.04	39.87 2.40 -0.05	43.45 2.55 -0.41	37.78 2.18 -0.41	34.12 1.99 0.00	29.41 1.16 0.00	25.80 0.97 0.00	22.21 0.81 0.00
BAYONEEC___CTG4 323685	21.40 0.98 0.00	20.05 0.84 0.00	19.60 0.86 0.00	19.96 0.82 0.00	20.77 0.76 0.00	22.48 0.84 0.00	30.07 1.21 0.00	32.29 1.91 0.00	32.99 1.87 0.00	32.12 1.82 0.00	33.92 1.95 -0.02	34.11 2.05 -0.03	32.21 1.99 0.00	32.13 2.10 0.00	31.75 2.05 0.00	31.31 2.02 0.00	34.57 2.02 -0.04	39.87 2.40 -0.05	43.45 2.55 -0.41	37.78 2.18 -0.41	34.12 1.99 0.00	29.41 1.16 0.00	25.80 0.97 0.00	22.21 0.81 0.00
BAYONEEC___CTG5 323686	21.40 0.98 0.00	20.05 0.84 0.00	19.60 0.86 0.00	19.96 0.82 0.00	20.77 0.76 0.00	22.48 0.84 0.00	30.07 1.21 0.00	32.29 1.91 0.00	32.99 1.87 0.00	32.12 1.82 0.00	33.92 1.95 -0.02	34.11 2.05 -0.03	32.21 1.99 0.00	32.13 2.10 0.00	31.75 2.05 0.00	31.31 2.02 0.00	34.57 2.02 -0.04	39.87 2.40 -0.05	43.45 2.55 -0.41	37.78 2.18 -0.41	34.12 1.99 0.00	29.41 1.16 0.00	25.80 0.97 0.00	22.21 0.81 0.00
BAYONEEC___CTG6 323687	21.40 0.98 0.00	20.05 0.84 0.00	19.60 0.86 0.00	19.96 0.82 0.00	20.77 0.76 0.00	22.48 0.84 0.00	30.07 1.21 0.00	32.29 1.91 0.00	32.99 1.87 0.00	32.12 1.82 0.00	33.92 1.95 -0.02	34.11 2.05 -0.03	32.21 1.99 0.00	32.13 2.10 0.00	31.75 2.05 0.00	31.31 2.02 0.00	34.57 2.02 -0.04	39.87 2.40 -0.05	43.45 2.55 -0.41	37.78 2.18 -0.41	34.12 1.99 0.00	29.41 1.16 0.00	25.80 0.97 0.00	22.21 0.81 0.00

BAYONEEC___CTG7 323688	21.40 0.98 0.00	20.05 0.84 0.00	19.60 0.86 0.00	19.96 0.82 0.00	20.77 0.76 0.00	22.48 0.84 0.00	30.07 1.21 0.00	32.29 1.91 0.00	32.99 1.87 0.00	32.12 1.82 0.00	33.92 1.95 -0.02	34.11 2.05 -0.03	32.21 1.99 0.00	32.13 2.10 0.00	31.75 2.05 0.00	31.31 2.02 0.00	34.57 2.02 -0.04	39.87 2.40 -0.05	43.45 2.55 -0.41	37.78 2.18 -0.41	34.12 1.99 0.00	29.41 1.16 0.00	25.80 0.97 0.00	22.21 0.81 0.00
BAYONEEC___CTG8 323689	21.40 0.98 0.00	20.05 0.84 0.00	19.60 0.86 0.00	19.96 0.82 0.00	20.77 0.76 0.00	22.48 0.84 0.00	30.07 1.21 0.00	32.29 1.91 0.00	32.99 1.87 0.00	32.12 1.82 0.00	33.92 1.95 -0.02	34.11 2.05 -0.03	32.21 1.99 0.00	32.13 2.10 0.00	31.75 2.05 0.00	31.31 2.02 0.00	34.57 2.02 -0.04	39.87 2.40 -0.05	43.45 2.55 -0.41	37.78 2.18 -0.41	34.12 1.99 0.00	29.41 1.16 0.00	25.80 0.97 0.00	22.21 0.81 0.00
BAYONEEC___CTG9 323749	21.40 0.98 0.00	20.05 0.84 0.00	19.60 0.86 0.00	19.96 0.82 0.00	20.77 0.76 0.00	22.48 0.84 0.00	30.07 1.21 0.00	32.29 1.91 0.00	32.99 1.87 0.00	32.12 1.82 0.00	33.92 1.95 -0.02	34.11 2.05 -0.03	32.21 1.99 0.00	32.13 2.10 0.00	31.75 2.05 0.00	31.31 2.02 0.00	34.57 2.02 -0.04	39.87 2.40 -0.05	43.45 2.55 -0.41	37.78 2.18 -0.41	34.12 1.99 0.00	29.41 1.16 0.00	25.80 0.97 0.00	22.21 0.81 0.00
BEACON___LESR 323632	21.36 0.94 0.00	20.10 0.90 0.00	19.60 0.86 0.00	20.05 0.92 0.00	20.89 0.88 0.00	22.63 1.00 0.00	30.13 1.27 0.00	31.95 1.58 0.00	32.74 1.62 0.00	31.91 1.60 0.00	33.58 1.63 0.00	33.69 1.66 0.00	31.73 1.51 0.00	31.55 1.53 0.00	31.22 1.51 0.00	30.78 1.49 0.00	34.15 1.63 0.00	39.30 1.87 0.00	42.51 2.02 0.00	36.95 1.76 0.00	33.67 1.54 0.00	29.35 1.10 0.00	25.75 0.92 0.00	22.24 0.83 0.00
BEAVER RIVER___HYD 24048	20.16 -0.27 0.00	18.91 -0.29 0.00	18.46 -0.28 0.00	18.87 -0.27 0.00	19.77 -0.24 0.00	21.49 -0.15 0.00	28.72 -0.14 0.00	30.25 -0.12 0.00	30.97 -0.15 0.00	30.12 -0.18 0.00	31.86 -0.10 0.00	31.81 -0.22 0.00	29.97 -0.24 0.00	29.75 -0.27 0.00	29.46 -0.24 0.00	29.05 -0.24 0.00	32.36 -0.16 0.00	37.42 0.00 0.00	40.61 0.12 0.00	35.44 0.25 0.00	32.48 0.35 0.00	28.50 0.25 0.00	25.05 0.22 0.00	21.55 0.15 0.00
BEEBEE_GT_13 23619	19.46 -0.96 0.00	18.28 -0.92 0.00	17.82 -0.92 0.00	18.20 -0.94 0.00	19.27 -0.74 0.00	20.75 -0.89 0.00	26.99 -1.88 0.00	28.40 -1.97 0.00	29.25 -1.87 0.00	28.27 -2.03 0.00	29.84 -2.11 0.00	29.82 -2.21 0.00	28.31 -1.90 0.00	27.86 -2.16 0.00	27.59 -2.11 0.00	27.21 -2.08 0.00	30.31 -2.21 0.00	34.84 -2.58 0.00	37.82 -2.67 0.00	32.94 -2.25 0.00	30.10 -2.02 0.00	26.41 -1.84 0.00	23.49 -1.34 0.00	20.72 -0.68 0.00
BENSHRST_27_KV_BENSHRST_1 355998	21.76 1.33 -0.01	20.34 1.13 0.00	19.88 1.14 0.00	20.22 1.09 0.00	21.01 1.00 0.00	22.76 1.13 0.00	30.33 1.47 0.00	32.59 2.22 0.00	33.47 2.33 -0.01	32.55 2.24 0.00	34.41 2.43 -0.03	34.57 2.50 -0.04	32.68 2.45 -0.01	32.55 2.52 -0.01	32.21 2.49 -0.01	31.73 2.43 -0.01	35.07 2.50 -0.04	40.44 2.96 -0.06	44.10 3.20 -0.41	38.31 2.71 -0.42	34.61 2.47 -0.01	29.79 1.53 -0.01	26.15 1.32 -0.01	22.69 1.28 0.00
BETHLEHEM___GRP 23843	21.20 0.78 0.00	19.95 0.75 0.00	19.47 0.73 0.00	19.88 0.75 0.00	20.73 0.72 0.00	22.54 0.91 0.00	29.90 1.04 0.00	31.65 1.28 0.00	32.46 1.34 0.00	31.61 1.30 0.00	33.23 1.28 0.00	33.41 1.38 0.00	31.46 1.24 0.00	31.28 1.26 0.00	30.95 1.25 0.00	30.51 1.23 0.00	33.79 1.27 0.00	38.88 1.46 0.00	42.07 1.58 0.00	36.53 1.34 0.00	33.35 1.22 0.00	29.07 0.82 0.00	25.50 0.67 0.00	22.17 0.77 0.00
BETHLEHEM___GS1 323560	21.20 0.78 0.00	19.95 0.75 0.00	19.45 0.71 0.00	19.88 0.75 0.00	20.73 0.72 0.00	22.44 0.80 0.00	29.84 0.98 0.00	31.65 1.28 0.00	32.43 1.31 0.00	31.61 1.30 0.00	33.23 1.28 0.00	33.40 1.38 0.00	31.46 1.24 0.00	31.28 1.26 0.00	30.95 1.25 0.00	30.51 1.23 0.00	33.82 1.30 0.00	38.88 1.46 0.00	42.07 1.58 0.00	36.56 1.37 0.00	33.34 1.22 0.00	29.07 0.82 0.00	25.50 0.67 0.00	22.04 0.64 0.00
BETHLEHEM___GS2 323561	21.20 0.78 0.00	19.95 0.75 0.00	19.45 0.71 0.00	19.88 0.75 0.00	20.73 0.72 0.00	22.44 0.80 0.00	29.84 0.98 0.00	31.65 1.28 0.00	32.43 1.31 0.00	31.61 1.30 0.00	33.23 1.28 0.00	33.40 1.38 0.00	31.46 1.24 0.00	31.28 1.26 0.00	30.95 1.25 0.00	30.51 1.23 0.00	33.82 1.30 0.00	38.88 1.46 0.00	42.07 1.58 0.00	36.56 1.37 0.00	33.34 1.22 0.00	29.07 0.82 0.00	25.50 0.67 0.00	22.04 0.64 0.00
BETHLEHEM___GS3 323562	21.20 0.78 0.00	19.95 0.75 0.00	19.45 0.71 0.00	19.88 0.75 0.00	20.73 0.72 0.00	22.44 0.80 0.00	29.84 0.98 0.00	31.65 1.28 0.00	32.43 1.31 0.00	31.61 1.30 0.00	33.23 1.28 0.00	33.40 1.38 0.00	31.46 1.24 0.00	31.28 1.26 0.00	30.95 1.25 0.00	30.51 1.23 0.00	33.82 1.30 0.00	38.88 1.46 0.00	42.07 1.58 0.00	36.56 1.37 0.00	33.34 1.22 0.00	29.07 0.82 0.00	25.50 0.67 0.00	22.04 0.64 0.00
BETHLEHEM___STEEL 23779	18.87 -1.55 0.00	17.70 -1.50 0.00	17.26 -1.48 0.00	17.64 -1.49 0.00	18.87 -1.14 0.00	20.32 -1.32 0.00	26.01 -2.86 0.00	27.21 -3.16 0.00	28.01 -3.11 0.00	27.09 -3.21 0.00	28.57 -3.39 0.00	28.47 -3.56 0.00	27.26 -2.96 0.00	26.66 -3.36 0.00	26.43 -3.27 0.00	26.03 -3.25 0.00	29.07 -3.45 0.00	33.31 -4.12 0.00	36.20 -4.29 0.00	31.49 -3.69 0.00	28.85 -3.28 0.00	25.40 -2.85 0.00	22.87 -1.96 0.00	20.55 -0.86 0.00
BETHLHEM_115KV_TB1 79974	21.22 0.80 0.00	19.97 0.77 0.00	19.49 0.75 0.00	19.90 0.77 0.00	20.75 0.74 0.00	22.57 0.93 0.00	29.93 1.07 0.00	31.68 1.31 0.00	32.46 1.34 0.00	31.64 1.33 0.00	33.26 1.31 0.00	33.41 1.38 0.00	31.46 1.24 0.00	31.31 1.29 0.00	30.95 1.25 0.00	30.51 1.23 0.00	33.82 1.30 0.00	38.92 1.50 0.00	42.11 1.62 0.00	36.56 1.37 0.00	33.38 1.25 0.00	29.10 0.85 0.00	25.52 0.70 0.00	22.19 0.79 0.00
BETHPAGE_CC_5 323564	21.81 1.39 0.00	20.49 1.29 0.00	20.03 1.29 0.00	20.38 1.24 0.00	21.23 1.22 0.00	23.09 1.45 0.00	31.05 1.96 -0.23	32.80 2.43 0.00	33.70 2.58 0.00	33.74 2.51 -0.92	35.61 2.71 -0.94	37.46 2.82 -2.61	35.40 2.69 -2.49	35.40 2.73 -2.65	36.83 2.70 -4.42	35.60 2.66 -3.65	37.49 2.80 -2.17	42.51 3.33 -1.75	45.44 3.60 -1.35	38.55 3.10 -0.26	34.85 2.73 0.00	30.38 1.92 -0.20	27.24 1.59 -0.82	24.96 1.39 -2.16
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	18.91 -1.51 0.00	17.74 -1.46 0.00	17.30 -1.44 0.00	17.68 -1.45 0.00	18.93 -1.08 0.00	20.36 -1.28 0.00	26.09 -2.77 0.00	27.31 -3.07 0.00	28.10 -3.02 0.00	27.18 -3.12 0.00	28.66 -3.29 0.00	28.57 -3.46 0.00	27.35 -2.87 0.00	26.78 -3.24 0.00	26.55 -3.15 0.00	26.15 -3.13 0.00	29.20 -3.32 0.00	33.50 -3.93 0.00	36.36 -4.13 0.00	31.60 -3.59 0.00	28.94 -3.18 0.00	25.48 -2.77 0.00	22.94 -1.89 0.00	20.61 -0.79 0.00

BINGHAMTON___COGEN 23790	20.55 0.12 0.00	19.30 -0.10 0.00	18.81 0.07 0.00	19.21 0.08 0.00	20.21 0.20 0.00	21.85 0.22 0.00	28.86 0.00 0.00	30.49 0.12 0.00	31.25 0.12 0.00	30.36 0.06 0.00	32.08 0.13 0.00	32.03 0.00 0.00	30.28 0.06 0.00	29.99 -0.03 0.00	29.67 -0.03 0.00	29.26 -0.03 0.00	32.62 0.10 0.00	37.61 0.19 0.00	40.81 0.32 0.00	35.40 0.21 0.00	32.25 0.13 0.00	28.22 -0.03 0.00	24.88 0.05 0.00	21.70 0.30 0.00
BIXINCNT_115KV_LOAD 355685	18.59 -1.84 0.00	17.47 -1.73 0.00	17.05 -1.69 0.00	17.45 -1.68 0.00	18.73 -1.28 0.00	20.16 -1.47 0.00	25.95 -2.92 0.00	27.28 -3.10 0.00	28.04 -3.08 0.00	27.30 -3.00 0.00	28.92 -3.04 0.00	28.92 -3.11 0.00	27.65 -2.57 0.00	27.17 -2.85 0.00	26.94 -2.76 0.00	26.56 -2.72 0.00	29.63 -2.89 0.00	34.06 -3.37 0.00	37.05 -3.44 0.00	32.02 -3.17 0.00	29.23 -2.89 0.00	25.65 -2.60 0.00	23.12 -1.71 0.00	20.82 -0.58 0.00
BLACK RIVER___HYD 24047	20.22 -0.20 0.00	18.95 -0.25 0.00	18.52 -0.22 0.00	18.91 -0.23 0.00	19.85 -0.16 0.00	21.57 -0.06 0.00	28.72 -0.14 0.00	30.22 -0.15 0.00	30.84 -0.28 0.00	29.88 -0.42 0.00	31.54 -0.42 0.00	31.42 -0.61 0.00	29.61 -0.60 0.00	29.36 -0.66 0.00	29.11 -0.59 0.00	28.70 -0.59 0.00	32.13 -0.39 0.00	37.24 -0.19 0.00	40.49 0.00 0.00	35.37 0.18 0.00	32.41 0.29 0.00	28.33 0.09 0.00	24.88 0.05 0.00	21.51 0.11 0.00
BLACKRVR_115KV_TB2 79977	20.22 -0.20 0.00	18.95 -0.25 0.00	18.50 -0.24 0.00	18.90 -0.23 0.00	19.85 -0.16 0.00	21.53 -0.11 0.00	28.69 -0.17 0.00	30.22 -0.15 0.00	30.84 -0.28 0.00	29.88 -0.42 0.00	31.54 -0.42 0.00	31.42 -0.61 0.00	29.61 -0.60 0.00	29.36 -0.66 0.00	29.11 -0.59 0.00	28.70 -0.59 0.00	32.13 -0.39 0.00	37.24 -0.19 0.00	40.49 0.00 0.00	35.36 0.18 0.00	32.41 0.29 0.00	28.33 0.08 0.00	24.88 0.05 0.00	21.44 0.04 0.00
BLISS_WT_PWR 323608	18.42 -2.00 0.00	17.36 -1.84 0.00	16.98 -1.76 0.00	17.33 -1.80 0.00	18.57 -1.44 0.00	20.06 -1.58 0.00	25.80 -3.06 0.00	27.12 -3.25 0.00	27.92 -3.20 0.00	27.27 -3.03 0.00	28.85 -3.10 0.00	28.86 -3.17 0.00	27.59 -2.63 0.00	27.14 -2.88 0.00	26.91 -2.79 0.00	26.53 -2.75 0.00	29.56 -2.96 0.00	34.02 -3.41 0.00	37.05 -3.44 0.00	32.02 -3.17 0.00	29.23 -2.89 0.00	25.59 -2.66 0.00	22.94 -1.89 0.00	20.74 -0.66 0.00
BLUESTONE___WT_PWR 323821	21.47 1.04 0.00	20.14 0.94 0.00	19.66 0.92 0.00	20.07 0.94 0.00	21.13 1.12 0.00	22.93 1.30 0.00	30.42 1.56 0.00	32.23 1.85 0.00	32.89 1.77 0.00	31.91 1.60 0.00	33.61 1.66 0.00	33.50 1.47 0.00	31.61 1.39 0.00	31.31 1.29 0.00	30.98 1.28 0.00	30.60 1.32 0.00	34.24 1.72 0.00	39.63 2.21 0.00	43.04 2.55 0.00	37.37 2.18 0.00	34.05 1.93 0.00	29.55 1.30 0.00	26.00 1.17 0.00	22.64 1.24 0.00
BLUE_CIRC_CHEM_DRP 24182	21.16 0.74 0.00	19.91 0.71 0.00	19.43 0.69 0.00	19.84 0.71 0.00	20.71 0.70 0.00	22.48 0.84 0.00	29.81 0.95 0.00	31.53 1.15 0.00	32.30 1.18 0.00	31.45 1.15 0.00	33.07 1.12 0.00	33.18 1.15 0.00	31.27 1.06 0.00	31.07 1.05 0.00	30.74 1.04 0.00	30.31 1.02 0.00	33.63 1.11 0.00	38.70 1.27 0.00	41.87 1.38 0.00	36.38 1.20 0.00	33.22 1.09 0.00	29.01 0.76 0.00	25.47 0.65 0.00	22.13 0.73 0.00
BOC_GAS_DRP 24189	21.00 0.57 0.00	19.74 0.54 0.00	19.26 0.52 0.00	19.67 0.54 0.00	20.53 0.52 0.00	22.26 0.63 0.00	29.58 0.72 0.00	31.31 0.94 0.00	32.09 0.96 0.00	31.24 0.94 0.00	32.88 0.93 0.00	33.02 0.99 0.00	31.12 0.91 0.00	30.95 0.93 0.00	30.62 0.92 0.00	30.19 0.91 0.00	33.46 0.94 0.00	38.51 1.09 0.00	41.66 1.17 0.00	36.17 0.99 0.00	33.06 0.93 0.00	28.81 0.56 0.00	25.28 0.45 0.00	21.94 0.54 0.00
BOONVILLE_115KV_TB1 79983	20.67 0.25 0.00	19.39 0.19 0.00	18.93 0.19 0.00	19.33 0.19 0.00	20.25 0.24 0.00	21.96 0.32 0.00	29.30 0.43 0.00	30.98 0.61 0.00	31.74 0.62 0.00	30.88 0.58 0.00	32.62 0.67 0.00	32.60 0.58 0.00	30.76 0.54 0.00	30.53 0.51 0.00	30.21 0.50 0.00	29.81 0.53 0.00	33.20 0.68 0.00	38.32 0.90 0.00	41.54 1.05 0.00	36.14 0.95 0.00	33.02 0.90 0.00	28.87 0.62 0.00	25.35 0.52 0.00	21.87 0.47 0.00
BORALEX_4TH_BRANCH 23824	21.24 0.82 0.00	20.03 0.83 0.00	19.55 0.81 0.00	19.98 0.84 0.00	20.75 0.74 0.00	22.70 1.06 0.00	30.10 1.24 0.00	31.83 1.46 0.00	32.68 1.56 0.00	31.85 1.55 0.00	33.36 1.41 0.00	33.60 1.57 0.00	31.55 1.33 0.00	31.46 1.44 0.00	31.13 1.43 0.00	30.72 1.43 0.00	33.98 1.46 0.00	39.03 1.61 0.00	42.11 1.62 0.00	36.63 1.44 0.00	33.51 1.38 0.00	29.15 0.90 0.00	25.55 0.72 0.00	22.26 0.86 0.00
BOWLINE___1 23526	21.32 0.90 0.00	20.03 0.83 0.00	19.55 0.81 0.00	19.92 0.78 0.00	20.77 0.76 0.00	22.48 0.84 0.00	30.02 1.16 0.00	32.10 1.73 0.00	32.83 1.71 0.00	31.97 1.67 0.00	33.74 1.79 0.00	33.92 1.89 0.00	32.00 1.78 0.00	31.85 1.83 0.00	31.51 1.81 0.00	31.07 1.79 0.00	34.37 1.85 0.00	39.67 2.25 0.00	42.92 2.43 0.00	37.26 2.08 0.00	33.95 1.83 0.00	29.32 1.07 0.00	25.70 0.87 0.00	22.15 0.75 0.00
BOWLINE___2 23595	21.32 0.90 0.00	20.03 0.83 0.00	19.55 0.81 0.00	19.92 0.78 0.00	20.77 0.76 0.00	22.48 0.84 0.00	30.02 1.16 0.00	32.10 1.73 0.00	32.83 1.71 0.00	31.97 1.67 0.00	33.74 1.79 0.00	33.89 1.86 0.00	32.00 1.78 0.00	31.85 1.83 0.00	31.48 1.78 0.00	31.07 1.79 0.00	34.37 1.85 0.00	39.63 2.21 0.00	42.88 2.39 0.00	37.23 2.04 0.00	33.92 1.80 0.00	29.32 1.07 0.00	25.70 0.87 0.00	22.15 0.75 0.00
BRADY___115KV_TB2 356060	20.22 -0.20 0.00	18.99 -0.21 0.00	18.57 -0.17 0.00	18.98 -0.15 0.00	19.83 -0.18 0.00	21.53 -0.11 0.00	29.09 0.23 0.00	30.37 0.00 0.00	31.09 -0.03 0.00	30.36 0.06 0.00	32.05 0.10 0.00	32.09 0.06 0.00	30.28 0.06 0.00	30.11 0.09 0.00	29.76 0.06 0.00	29.31 0.03 0.00	32.39 -0.13 0.00	37.24 -0.19 0.00	40.29 -0.20 0.00	35.15 -0.04 0.00	32.25 0.13 0.00	28.70 0.45 0.00	25.18 0.35 0.00	21.42 0.02 0.00
BRANSCOMB___SOLAR 323811	21.20 0.78 0.00	19.95 0.75 0.00	19.45 0.71 0.00	19.88 0.75 0.00	20.77 0.76 0.00	22.50 0.87 0.00	29.93 1.07 0.00	31.71 1.33 0.00	32.46 1.34 0.00	31.61 1.30 0.00	33.30 1.34 0.00	33.47 1.44 0.00	31.46 1.24 0.00	31.28 1.26 0.00	30.92 1.22 0.00	30.49 1.20 0.00	33.82 1.30 0.00	39.00 1.57 0.00	42.23 1.74 0.00	36.73 1.55 0.00	33.44 1.32 0.00	29.18 0.93 0.00	25.60 0.77 0.00	22.11 0.71 0.00
BRENTWOD_69_KV_W. BRTWOOD 56703	21.96 1.53 0.00	20.66 1.46 0.00	20.20 1.46 0.00	20.53 1.40 0.00	21.47 1.46 0.00	23.39 1.75 0.00	31.37 2.28 -0.23	32.99 2.61 0.00	33.98 2.86 0.00	33.98 2.76 -0.92	35.87 2.97 -0.94	37.75 3.11 -2.61	35.67 2.96 -2.49	35.67 3.00 -2.65	37.06 2.94 -4.42	35.84 2.90 -3.65	37.72 3.02 -2.18	42.59 3.41 -1.76	45.81 3.97 -1.36	38.69 3.24 -0.27	35.05 2.92 0.00	30.49 2.03 -0.20	27.41 1.76 -0.82	25.26 1.69 -2.16

BRISTLHL_115KV_TB1 79998	20.18 -0.25 0.00	18.97 -0.23 0.00	18.52 -0.22 0.00	18.89 -0.25 0.00	19.83 -0.18 0.00	21.31 -0.32 0.00	28.17 -0.69 0.00	29.74 -0.64 0.00	30.44 -0.68 0.00	29.58 -0.73 0.00	31.25 -0.70 0.00	31.23 -0.80 0.00	29.46 -0.76 0.00	29.21 -0.81 0.00	28.90 -0.80 0.00	28.44 -0.85 0.00	31.71 -0.81 0.00	36.53 -0.90 0.00	39.56 -0.93 0.00	34.38 -0.81 0.00	31.35 -0.77 0.00	27.54 -0.71 0.00	24.26 -0.57 0.00	21.06 -0.34 0.00
BROOKHAVEN___DRP 24191	21.79 1.37 0.00	20.58 1.38 0.00	20.11 1.37 0.00	20.45 1.32 0.00	21.35 1.34 0.00	23.24 1.60 0.00	31.23 2.14 -0.23	32.68 2.31 0.00	33.86 2.74 0.00	33.83 2.61 -0.92	35.68 2.78 -0.94	37.59 2.95 -2.61	35.46 2.75 -2.49	35.52 2.85 -2.65	36.86 2.73 -4.42	35.69 2.75 -3.65	37.73 2.99 -2.21	42.81 3.59 -1.80	45.65 3.77 -1.39	38.73 3.24 -0.31	34.79 2.67 0.00	30.37 1.92 -0.20	27.29 1.64 -0.82	25.08 1.52 -2.16
BROOKLYN_NAVY_YARD 23515	21.38 0.96 0.00	20.03 0.83 0.00	19.58 0.84 0.00	19.94 0.80 0.00	20.75 0.74 0.00	22.48 0.84 0.00	30.07 1.21 0.00	32.32 1.95 0.00	33.05 1.93 0.00	32.15 1.85 0.00	33.97 2.01 0.00	34.11 2.08 0.00	32.24 2.02 0.00	32.15 2.13 0.00	31.81 2.11 0.00	31.33 2.05 0.00	34.57 2.05 0.00	39.89 2.47 0.00	43.12 2.63 0.00	37.47 2.29 0.00	34.18 2.06 0.00	29.46 1.21 0.00	25.80 0.97 0.00	22.21 0.81 0.00
BROOKLYN___ARMY_DRP 323595	21.68 1.25 -0.01	20.28 1.08 0.00	19.83 1.09 0.00	20.17 1.03 0.00	20.95 0.94 0.00	22.70 1.06 0.00	30.22 1.36 0.00	32.47 2.10 0.00	33.34 2.21 -0.01	32.42 2.12 0.00	34.28 2.30 -0.03	34.44 2.37 -0.04	32.52 2.30 -0.01	32.43 2.40 -0.01	32.06 2.35 -0.01	31.61 2.31 -0.01	34.91 2.34 -0.04	40.29 2.81 -0.06	43.90 3.00 -0.41	38.14 2.53 -0.42	34.45 2.31 -0.01	29.67 1.41 -0.01	26.03 1.19 -0.01	22.60 1.20 0.00
BROOKVLE_69_KV_TB1 55790	21.89 1.47 0.00	20.57 1.36 0.00	20.07 1.33 0.00	20.43 1.30 0.00	21.33 1.32 0.00	23.24 1.60 0.00	31.20 2.11 -0.23	32.99 2.61 0.00	33.92 2.80 0.00	33.98 2.76 -0.92	35.77 2.88 -0.94	37.56 2.91 -2.61	35.49 2.78 -2.49	35.55 2.88 -2.65	36.97 2.85 -4.42	35.75 2.81 -3.65	37.55 2.86 -2.17	42.58 3.41 -1.75	45.57 3.72 -1.35	38.58 3.13 -0.26	35.05 2.92 0.00	30.49 2.03 -0.20	27.34 1.69 -0.82	25.17 1.61 -2.16
BROOME_2_LFGE 323671	20.55 0.12 0.00	19.30 0.10 0.00	18.83 0.09 0.00	19.21 0.08 0.00	20.21 0.20 0.00	21.87 0.24 0.00	28.86 0.00 0.00	30.50 0.12 0.00	31.25 0.12 0.00	30.36 0.06 0.00	32.08 0.13 0.00	32.03 0.00 0.00	30.28 0.06 0.00	29.99 -0.03 0.00	29.67 -0.03 0.00	29.26 -0.03 0.00	32.62 0.10 0.00	37.61 0.19 0.00	40.81 0.32 0.00	35.44 0.25 0.00	32.29 0.16 0.00	28.22 -0.03 0.00	24.85 0.02 0.00	21.72 0.32 0.00
BROOME___LFGE 323600	20.55 0.12 0.00	19.30 0.10 0.00	18.83 0.09 0.00	19.21 0.08 0.00	20.21 0.20 0.00	21.87 0.24 0.00	28.86 0.00 0.00	30.50 0.12 0.00	31.25 0.12 0.00	30.36 0.06 0.00	32.08 0.13 0.00	32.03 0.00 0.00	30.28 0.06 0.00	29.99 -0.03 0.00	29.67 -0.03 0.00	29.26 -0.03 0.00	32.62 0.10 0.00	37.61 0.19 0.00	40.81 0.32 0.00	35.44 0.25 0.00	32.29 0.16 0.00	28.22 -0.03 0.00	24.85 0.02 0.00	21.72 0.32 0.00
BROWNFLS_115KV_TB_3_5 80003	20.04 -0.39 0.00	18.82 -0.38 0.00	18.38 -0.36 0.00	18.79 -0.34 0.00	19.67 -0.34 0.00	21.35 -0.28 0.00	28.69 -0.17 0.00	30.13 -0.24 0.00	30.84 -0.28 0.00	30.06 -0.24 0.00	31.76 -0.19 0.00	31.74 -0.29 0.00	29.94 -0.27 0.00	29.75 -0.27 0.00	29.46 -0.24 0.00	28.99 -0.29 0.00	32.10 -0.42 0.00	37.01 -0.41 0.00	40.12 -0.36 0.00	35.01 -0.18 0.00	32.19 0.06 0.00	28.48 0.23 0.00	24.98 0.15 0.00	21.36 -0.04 0.00
BROWNSV1_27_KV_LOAD 356125	21.59 1.16 0.00	20.22 1.02 0.00	19.75 1.01 0.00	20.13 0.99 0.00	20.93 0.92 0.00	22.76 1.13 0.00	30.36 1.50 0.00	32.56 2.19 0.00	33.33 2.21 0.00	32.42 2.12 0.00	34.22 2.27 0.00	34.40 2.37 0.00	32.51 2.30 0.00	32.42 2.40 0.00	32.08 2.38 0.00	31.60 2.31 0.00	34.86 2.34 0.00	40.23 2.81 0.00	43.53 3.04 0.00	37.72 2.53 0.00	34.47 2.35 0.00	29.69 1.44 0.00	26.05 1.22 0.00	22.56 1.16 0.00
BURROWS___LYONSDAL 23803	20.53 0.10 0.00	19.26 0.06 0.00	18.80 0.06 0.00	19.21 0.08 0.00	20.13 0.12 0.00	21.83 0.19 0.00	29.12 0.26 0.00	30.80 0.43 0.00	31.56 0.44 0.00	30.70 0.39 0.00	32.47 0.51 0.00	32.44 0.42 0.00	30.58 0.36 0.00	30.38 0.36 0.00	30.06 0.36 0.00	29.67 0.38 0.00	33.04 0.52 0.00	38.17 0.75 0.00	41.38 0.89 0.00	36.00 0.81 0.00	32.93 0.80 0.00	28.81 0.56 0.00	25.30 0.47 0.00	21.81 0.41 0.00
CAITHNESS_CC_1 323624	21.75 1.33 0.00	20.53 1.32 0.00	20.09 1.35 0.00	20.42 1.28 0.00	21.19 1.18 0.00	23.09 1.45 0.00	31.11 2.02 -0.23	32.65 2.28 0.00	33.80 2.68 0.00	33.77 2.55 -0.92	35.55 2.65 -0.94	37.46 2.82 -2.61	35.28 2.57 -2.49	35.40 2.73 -2.65	36.74 2.61 -4.42	35.57 2.64 -3.65	37.63 2.89 -2.21	42.66 3.44 -1.80	45.48 3.60 -1.39	38.66 3.17 -0.31	34.76 2.63 0.00	30.32 1.86 -0.20	27.19 1.54 -0.82	24.89 1.33 -2.16
CALPINE BETH_PAGE_GT4 24209	21.81 1.39 0.00	20.51 1.31 0.00	20.03 1.29 0.00	20.40 1.26 0.00	21.29 1.28 0.00	23.19 1.56 0.00	31.11 2.02 -0.23	32.74 2.37 0.00	33.67 2.55 0.00	33.71 2.48 -0.92	35.55 2.65 -0.94	37.43 2.79 -2.61	35.37 2.66 -2.49	35.37 2.70 -2.65	36.80 2.67 -4.42	35.54 2.61 -3.65	37.46 2.76 -2.17	42.47 3.29 -1.75	45.40 3.56 -1.35	38.48 3.03 -0.26	34.79 2.67 0.00	30.37 1.92 -0.20	27.26 1.61 -0.82	25.11 1.54 -2.16
CALPINE_BETH_PAGE_GT_4 323586	21.81 1.39 0.00	20.51 1.31 0.00	20.03 1.29 0.00	20.38 1.24 0.00	21.25 1.24 0.00	23.09 1.45 0.00	31.05 1.96 -0.23	32.77 2.40 0.00	33.67 2.55 0.00	33.71 2.49 -0.92	35.58 2.68 -0.94	37.43 2.79 -2.61	35.37 2.66 -2.49	35.37 2.70 -2.65	36.80 2.67 -4.42	35.54 2.61 -3.65	37.46 2.76 -2.17	42.43 3.25 -1.75	45.36 3.52 -1.35	38.51 3.06 -0.26	34.79 2.66 0.00	30.38 1.92 -0.20	27.26 1.61 -0.82	24.96 1.39 -2.16
CALPINE_BP_GT1 23823	21.81 1.39 0.00	20.51 1.31 0.00	20.03 1.29 0.00	20.38 1.24 0.00	21.25 1.24 0.00	23.09 1.45 0.00	31.05 1.96 -0.23	32.77 2.40 0.00	33.67 2.55 0.00	33.71 2.49 -0.92	35.58 2.68 -0.94	37.43 2.79 -2.61	35.37 2.66 -2.49	35.37 2.70 -2.65	36.80 2.67 -4.42	35.54 2.61 -3.65	37.46 2.76 -2.17	42.43 3.25 -1.75	45.36 3.52 -1.35	38.51 3.06 -0.26	34.79 2.66 0.00	30.38 1.92 -0.20	27.26 1.61 -0.82	24.96 1.39 -2.16
CALSPAN___DRP 24200	18.87 -1.55 0.00	17.70 -1.50 0.00	17.26 -1.48 0.00	17.64 -1.49 0.00	18.87 -1.14 0.00	20.32 -1.32 0.00	26.01 -2.86 0.00	27.21 -3.16 0.00	28.01 -3.11 0.00	27.09 -3.21 0.00	28.57 -3.39 0.00	28.47 -3.56 0.00	27.26 -2.96 0.00	26.66 -3.36 0.00	26.43 -3.27 0.00	26.03 -3.25 0.00	29.07 -3.45 0.00	33.31 -4.12 0.00	36.20 -4.29 0.00	31.49 -3.69 0.00	28.85 -3.28 0.00	25.40 -2.85 0.00	22.87 -1.96 0.00	20.55 -0.86 0.00

CALVERTON___SOLAR 323806	21.83 1.41 0.00	20.62 1.42 0.00	20.16 1.42 0.00	20.49 1.36 0.00	21.27 1.26 0.00	23.19 1.56 0.00	31.26 2.17 -0.23	32.77 2.40 0.00	33.95 2.83 0.00	33.92 2.70 -0.92	35.71 2.81 -0.94	37.62 2.98 -2.61	35.43 2.72 -2.49	35.58 2.91 -2.65	36.89 2.76 -4.42	35.69 2.75 -3.65	37.83 3.09 -2.21	42.89 3.67 -1.80	45.69 3.80 -1.39	38.84 3.34 -0.31	34.89 2.76 0.00	30.46 2.01 -0.20	27.29 1.64 -0.82	24.98 1.41 -2.16
CANDIGU_WT_PWR 323617	20.22 -0.20 0.00	19.01 -0.19 0.00	18.57 -0.17 0.00	18.96 -0.17 0.00	20.05 0.04 0.00	21.72 0.09 0.00	28.60 -0.26 0.00	30.25 -0.12 0.00	30.87 -0.25 0.00	30.03 -0.27 0.00	31.79 -0.16 0.00	31.71 -0.32 0.00	30.04 -0.18 0.00	29.69 -0.33 0.00	29.40 -0.30 0.00	29.02 -0.26 0.00	32.42 -0.10 0.00	37.39 -0.04 0.00	40.61 0.12 0.00	35.19 0.00 0.00	32.06 -0.06 0.00	27.99 -0.25 0.00	24.66 -0.17 0.00	21.64 0.24 0.00
CARR STREET_E_SYR 24060	20.30 -0.12 0.00	19.09 -0.11 0.00	18.63 -0.11 0.00	19.00 -0.13 0.00	19.95 -0.06 0.00	21.55 -0.09 0.00	28.31 -0.55 0.00	29.77 -0.61 0.00	30.47 -0.66 0.00	29.64 -0.67 0.00	31.31 -0.64 0.00	31.26 -0.77 0.00	29.52 -0.69 0.00	29.24 -0.78 0.00	28.96 -0.74 0.00	28.52 -0.76 0.00	31.77 -0.75 0.00	36.64 -0.79 0.00	39.68 -0.81 0.00	34.48 -0.70 0.00	31.42 -0.71 0.00	27.63 -0.62 0.00	24.41 -0.42 0.00	21.32 -0.09 0.00
CARTHAGE___PAPER 23857	20.12 -0.31 0.00	18.89 -0.31 0.00	18.44 -0.30 0.00	18.83 -0.31 0.00	19.77 -0.24 0.00	21.51 -0.13 0.00	28.72 -0.14 0.00	30.22 -0.15 0.00	30.87 -0.25 0.00	29.97 -0.33 0.00	31.63 -0.32 0.00	31.55 -0.48 0.00	29.73 -0.48 0.00	29.54 -0.48 0.00	29.29 -0.42 0.00	28.87 -0.41 0.00	32.23 -0.29 0.00	37.35 -0.07 0.00	40.57 0.08 0.00	35.40 0.21 0.00	32.48 0.35 0.00	28.47 0.22 0.00	25.00 0.18 0.00	21.51 0.11 0.00
CASSADAGA_WT_PWR 323784	18.71 -1.72 0.00	17.42 -1.79 0.00	17.02 -1.72 0.00	17.55 -1.59 0.00	18.63 -1.38 0.00	20.19 -1.45 0.00	26.12 -2.74 0.00	27.25 -3.13 0.00	28.07 -3.05 0.00	27.33 -2.97 0.00	28.89 -3.07 0.00	28.89 -3.14 0.00	27.71 -2.51 0.00	27.32 -2.70 0.00	27.09 -2.61 0.00	26.74 -2.55 0.00	29.89 -2.63 0.00	34.39 -3.03 0.00	37.45 -3.04 0.00	32.34 -2.85 0.00	29.52 -2.60 0.00	25.90 -2.34 0.00	23.19 -1.64 0.00	21.02 -0.38 0.00
CE_DUNWOOD___DRP 24194	21.40 0.98 0.00	20.10 0.90 0.00	19.62 0.88 0.00	19.99 0.86 0.00	20.83 0.82 0.00	22.65 1.02 0.00	30.16 1.30 0.00	32.23 1.85 0.00	33.02 1.90 0.00	32.12 1.82 0.00	33.90 1.95 0.00	34.08 2.05 0.00	32.15 1.93 0.00	32.03 2.01 0.00	31.69 1.99 0.00	31.22 1.93 0.00	34.54 2.02 0.00	39.82 2.40 0.00	43.08 2.59 0.00	37.37 2.18 0.00	34.12 1.99 0.00	29.46 1.21 0.00	25.82 0.99 0.00	22.39 0.98 0.00
CE_MILLWOOD___DRP 24193	21.38 0.96 0.00	20.09 0.88 0.00	19.60 0.86 0.00	19.98 0.84 0.00	20.81 0.80 0.00	22.61 0.97 0.00	30.13 1.27 0.00	32.17 1.79 0.00	32.96 1.84 0.00	32.09 1.79 0.00	33.87 1.92 0.00	34.01 1.99 0.00	32.09 1.87 0.00	31.97 1.95 0.00	31.63 1.93 0.00	31.19 1.90 0.00	34.50 1.98 0.00	39.78 2.36 0.00	43.04 2.55 0.00	37.33 2.15 0.00	34.05 1.93 0.00	29.41 1.16 0.00	25.80 0.97 0.00	22.36 0.96 0.00
CE_NYC2_DRP 24202	21.55 1.12 0.00	20.18 0.98 0.00	19.71 0.97 0.00	20.07 0.94 0.00	20.87 0.86 0.00	22.63 1.00 0.00	30.10 1.24 0.00	32.32 1.94 0.00	33.11 1.99 0.00	32.21 1.91 0.00	34.03 2.08 0.00	34.17 2.15 0.00	32.30 2.08 0.00	32.21 2.19 0.00	31.87 2.17 0.00	31.39 2.11 0.00	34.63 2.11 0.00	39.97 2.54 0.00	43.20 2.71 0.00	37.44 2.25 0.00	34.21 2.09 0.00	29.46 1.21 0.00	25.87 1.04 0.00	22.45 1.05 0.00
CE_NYC_DRP 24195	21.42 1.00 0.00	20.09 0.88 0.00	19.62 0.88 0.00	19.99 0.86 0.00	20.79 0.78 0.00	22.61 0.97 0.00	30.16 1.30 0.00	32.29 1.91 0.00	33.05 1.93 0.00	32.18 1.88 0.00	33.97 2.01 0.00	34.11 2.08 0.00	32.24 2.02 0.00	32.15 2.13 0.00	31.81 2.11 0.00	31.33 2.05 0.00	34.57 2.05 0.00	39.89 2.47 0.00	43.12 2.63 0.00	37.41 2.22 0.00	34.15 2.02 0.00	29.44 1.19 0.00	25.82 0.99 0.00	22.39 0.98 0.00
CHAFFEE___LFGE 323603	18.91 -1.51 0.00	17.78 -1.42 0.00	17.37 -1.37 0.00	17.72 -1.42 0.00	18.93 -1.08 0.00	20.47 -1.17 0.00	26.15 -2.71 0.00	27.37 -3.01 0.00	28.16 -2.96 0.00	27.33 -2.97 0.00	28.69 -3.26 0.00	28.60 -3.43 0.00	27.35 -2.87 0.00	26.81 -3.21 0.00	26.58 -3.12 0.00	26.21 -3.07 0.00	29.24 -3.28 0.00	33.57 -3.85 0.00	36.52 -3.97 0.00	31.74 -3.45 0.00	29.10 -3.02 0.00	25.48 -2.77 0.00	22.82 -2.01 0.00	20.59 -0.81 0.00
CHATEAUG_35_KV_LOAD 355732	19.87 -0.55 0.00	18.65 -0.56 0.00	18.25 -0.49 0.00	18.71 -0.42 0.00	19.57 -0.44 0.00	21.27 -0.37 0.00	28.55 -0.32 0.00	29.86 -0.52 0.00	30.72 -0.40 0.00	30.12 -0.18 0.00	31.86 -0.10 0.00	31.93 -0.10 0.00	30.16 -0.06 0.00	29.96 -0.06 0.00	29.67 -0.03 0.00	29.26 -0.03 0.00	32.49 -0.03 0.00	37.01 -0.41 0.00	39.92 -0.57 0.00	35.15 -0.04 0.00	32.12 0.00 0.00	28.87 0.62 0.00	25.33 0.50 0.00	21.55 0.15 0.00
CHATEAUG_WT_PWR 323614	19.85 -0.57 0.00	18.64 -0.56 0.00	18.25 -0.49 0.00	18.69 -0.44 0.00	19.59 -0.42 0.00	21.27 -0.37 0.00	28.49 -0.38 0.00	29.80 -0.58 0.00	30.69 -0.44 0.00	30.12 -0.18 0.00	31.89 -0.06 0.00	31.96 -0.06 0.00	30.16 -0.06 0.00	29.90 -0.12 0.00	29.64 -0.06 0.00	29.17 -0.12 0.00	32.42 -0.10 0.00	36.86 -0.56 0.00	39.76 -0.73 0.00	34.59 -0.60 0.00	32.03 -0.10 0.00	28.81 0.56 0.00	25.33 0.50 0.00	21.55 0.15 0.00
CHAT_HIGH_FALL_HYD 323578	19.87 -0.55 0.00	18.65 -0.56 0.00	18.25 -0.49 0.00	18.71 -0.42 0.00	19.57 -0.44 0.00	21.27 -0.37 0.00	28.55 -0.32 0.00	29.86 -0.52 0.00	30.72 -0.40 0.00	30.12 -0.18 0.00	31.86 -0.10 0.00	31.93 -0.10 0.00	30.16 -0.06 0.00	29.96 -0.06 0.00	29.67 -0.03 0.00	29.26 -0.03 0.00	32.49 -0.03 0.00	37.01 -0.41 0.00	39.92 -0.57 0.00	35.15 -0.04 0.00	32.12 0.00 0.00	28.87 0.62 0.00	25.33 0.50 0.00	21.55 0.15 0.00
CHAUTAUQUA___LFGE 323629	18.89 -1.53 0.00	17.70 -1.50 0.00	17.30 -1.44 0.00	17.70 -1.44 0.00	18.89 -1.12 0.00	20.42 -1.21 0.00	26.24 -2.63 0.00	27.43 -2.95 0.00	28.19 -2.93 0.00	27.39 -2.91 0.00	28.85 -3.10 0.00	28.83 -3.20 0.00	27.59 -2.63 0.00	27.11 -2.91 0.00	26.88 -2.82 0.00	26.50 -2.78 0.00	29.63 -2.89 0.00	34.06 -3.37 0.00	37.09 -3.40 0.00	32.13 -3.06 0.00	29.36 -2.76 0.00	25.74 -2.51 0.00	23.04 -1.79 0.00	20.82 -0.58 0.00
CHERRYST_13_KV_LD 356241	21.47 1.04 0.00	20.12 0.92 0.00	19.66 0.92 0.00	20.03 0.90 0.00	20.83 0.82 0.00	22.67 1.04 0.00	30.22 1.36 0.00	32.38 2.00 0.00	33.14 2.02 0.00	32.27 1.97 0.00	34.06 2.11 0.00	34.24 2.21 0.00	32.36 2.15 0.00	32.24 2.22 0.00	31.90 2.20 0.00	31.42 2.14 0.00	34.67 2.15 0.00	40.01 2.58 0.00	43.20 2.71 0.00	37.48 2.29 0.00	34.24 2.12 0.00	29.49 1.24 0.00	25.87 1.04 0.00	22.43 1.03 0.00

CHESTROR_138KV_BK263 355645	21.36 0.94 0.00	20.07 0.86 0.00	19.56 0.82 0.00	19.96 0.82 0.00	20.81 0.80 0.00	22.61 0.97 0.00	30.10 1.24 0.00	32.04 1.67 0.00	32.80 1.68 0.00	31.97 1.67 0.00	33.71 1.76 0.00	33.85 1.83 0.00	31.91 1.69 0.00	31.79 1.77 0.00	31.42 1.72 0.00	31.01 1.73 0.00	34.34 1.82 0.00	39.63 2.21 0.00	42.92 2.43 0.00	37.23 2.04 0.00	33.99 1.86 0.00	29.35 1.10 0.00	25.72 0.89 0.00	22.30 0.90 0.00
CH_MIDHUDSON___DRP 24192	21.38 0.96 0.00	20.09 0.88 0.00	19.60 0.86 0.00	19.99 0.86 0.00	20.83 0.82 0.00	22.63 1.00 0.00	30.13 1.27 0.00	32.07 1.70 0.00	32.86 1.74 0.00	32.03 1.73 0.00	33.74 1.79 0.00	33.89 1.86 0.00	31.94 1.72 0.00	31.82 1.80 0.00	31.45 1.75 0.00	31.04 1.76 0.00	34.37 1.85 0.00	39.60 2.17 0.00	42.84 2.35 0.00	37.19 2.01 0.00	33.96 1.83 0.00	29.35 1.10 0.00	25.72 0.89 0.00	22.30 0.90 0.00
CH_MISC_IPPS 23765	21.47 1.04 0.00	20.16 0.96 0.00	19.68 0.94 0.00	20.07 0.94 0.00	20.91 0.90 0.00	22.63 1.00 0.00	30.25 1.39 0.00	32.26 1.88 0.00	33.02 1.90 0.00	32.15 1.85 0.00	33.90 1.95 0.00	34.05 2.02 0.00	32.09 1.87 0.00	31.95 1.92 0.00	31.60 1.90 0.00	31.16 1.88 0.00	34.54 2.02 0.00	39.82 2.40 0.00	43.08 2.59 0.00	37.44 2.25 0.00	34.12 1.99 0.00	29.46 1.21 0.00	25.80 0.97 0.00	22.26 0.86 0.00
CH_RES_BVR_FALLS 23983	19.75 -0.67 0.00	18.59 -0.62 0.00	18.14 -0.60 0.00	18.54 -0.59 0.00	19.39 -0.62 0.00	20.99 -0.65 0.00	28.23 -0.64 0.00	29.58 -0.79 0.00	30.37 -0.75 0.00	29.67 -0.64 0.00	31.35 -0.61 0.00	31.45 -0.58 0.00	29.70 -0.51 0.00	29.54 -0.48 0.00	29.26 -0.44 0.00	28.87 -0.41 0.00	32.03 -0.49 0.00	36.75 -0.67 0.00	39.68 -0.81 0.00	34.45 -0.74 0.00	31.51 -0.61 0.00	27.88 -0.37 0.00	24.51 -0.32 0.00	20.97 -0.43 0.00
CH_RES_NIAGARA 23895	18.28 -2.14 0.00	17.20 -2.00 0.00	16.77 -1.97 0.00	17.11 -2.03 0.00	18.21 -1.80 0.00	19.69 -1.95 0.00	25.00 -3.87 0.00	26.09 -4.28 0.00	26.89 -4.23 0.00	26.06 -4.24 0.00	27.29 -4.67 0.00	27.16 -4.87 0.00	26.02 -4.20 0.00	25.43 -4.59 0.00	25.22 -4.49 0.00	24.83 -4.45 0.00	27.74 -4.78 0.00	31.74 -5.69 0.00	34.50 -5.99 0.00	30.05 -5.14 0.00	27.63 -4.50 0.00	24.27 -3.98 0.00	21.77 -3.05 0.00	19.69 -1.71 0.00
CH_RES_SYRACUSE 23985	20.42 0.00 0.00	19.20 0.00 0.00	18.74 0.00 0.00	19.11 -0.02 0.00	20.07 0.06 0.00	21.70 0.07 0.00	28.57 -0.29 0.00	30.13 -0.24 0.00	30.87 -0.25 0.00	30.03 -0.27 0.00	31.70 -0.26 0.00	31.68 -0.35 0.00	29.89 -0.33 0.00	29.63 -0.39 0.00	29.31 -0.39 0.00	28.87 -0.41 0.00	32.16 -0.36 0.00	37.09 -0.34 0.00	40.16 -0.33 0.00	34.87 -0.32 0.00	31.80 -0.32 0.00	27.88 -0.37 0.00	24.56 -0.27 0.00	21.44 0.04 0.00
CLINTON_WT_PWR 323605	19.85 -0.57 0.00	18.64 -0.56 0.00	18.25 -0.49 0.00	18.69 -0.44 0.00	19.59 -0.42 0.00	21.27 -0.37 0.00	28.49 -0.38 0.00	29.80 -0.58 0.00	30.69 -0.44 0.00	30.12 -0.18 0.00	31.89 -0.06 0.00	31.96 -0.06 0.00	30.16 -0.06 0.00	29.90 -0.12 0.00	29.64 -0.06 0.00	29.17 -0.12 0.00	32.42 -0.10 0.00	36.86 -0.56 0.00	39.76 -0.73 0.00	34.59 -0.60 0.00	32.03 -0.10 0.00	28.81 0.56 0.00	25.33 0.50 0.00	21.55 0.15 0.00
CLINTON___LFGE 323618	20.06 -0.37 0.00	18.84 -0.37 0.00	18.42 -0.32 0.00	18.88 -0.25 0.00	19.79 -0.22 0.00	21.51 -0.13 0.00	28.75 -0.11 0.00	30.10 -0.27 0.00	31.00 -0.12 0.00	30.42 0.12 0.00	32.18 0.23 0.00	32.25 0.23 0.00	30.43 0.21 0.00	30.17 0.15 0.00	29.88 0.18 0.00	29.46 0.18 0.00	32.78 0.26 0.00	37.16 -0.26 0.00	40.12 -0.37 0.00	34.91 -0.28 0.00	32.45 0.32 0.00	29.24 0.99 0.00	25.62 0.79 0.00	21.81 0.41 0.00
COBBLENY_34_KV_TB1 80064	18.91 -1.51 0.00	17.74 -1.46 0.00	17.30 -1.44 0.00	17.68 -1.45 0.00	18.93 -1.08 0.00	20.36 -1.28 0.00	26.09 -2.77 0.00	27.34 -3.04 0.00	28.13 -2.99 0.00	27.21 -3.09 0.00	28.69 -3.26 0.00	28.60 -3.43 0.00	27.38 -2.84 0.00	26.81 -3.21 0.00	26.58 -3.12 0.00	26.21 -3.07 0.00	29.24 -3.28 0.00	33.53 -3.89 0.00	36.44 -4.05 0.00	31.67 -3.52 0.00	29.01 -3.12 0.00	25.51 -2.74 0.00	22.94 -1.89 0.00	20.61 -0.79 0.00
COFFEEN___115KV_TB3 355620	20.32 -0.10 0.00	19.05 -0.15 0.00	18.59 -0.15 0.00	19.00 -0.13 0.00	19.97 -0.04 0.00	21.66 0.02 0.00	28.86 0.00 0.00	30.40 0.03 0.00	31.00 -0.12 0.00	29.97 -0.33 0.00	31.60 -0.35 0.00	31.52 -0.51 0.00	29.67 -0.54 0.00	29.42 -0.60 0.00	29.17 -0.53 0.00	28.79 -0.50 0.00	32.23 -0.29 0.00	37.42 0.00 0.00	40.69 0.20 0.00	35.58 0.39 0.00	32.61 0.48 0.00	28.50 0.25 0.00	25.03 0.20 0.00	21.55 0.15 0.00
COLDSPRG_115KV_BK1 355956	19.30 -1.12 0.00	18.03 -1.17 0.00	17.60 -1.14 0.00	18.06 -1.07 0.00	19.31 -0.70 0.00	20.83 -0.80 0.00	26.96 -1.90 0.00	28.19 -2.19 0.00	28.91 -2.21 0.00	28.03 -2.27 0.00	29.62 -2.33 0.00	29.59 -2.43 0.00	28.31 -1.90 0.00	27.89 -2.13 0.00	27.59 -2.11 0.00	27.23 -2.05 0.00	30.41 -2.11 0.00	34.99 -2.43 0.00	38.10 -2.39 0.00	32.87 -2.32 0.00	30.00 -2.12 0.00	26.36 -1.89 0.00	23.66 -1.17 0.00	21.32 -0.09 0.00
COLONIE_LFGE___ 323577	21.12 0.69 0.00	19.89 0.69 0.00	19.40 0.66 0.00	19.82 0.69 0.00	20.65 0.64 0.00	22.37 0.74 0.00	29.81 0.95 0.00	31.59 1.22 0.00	32.37 1.25 0.00	31.55 1.24 0.00	33.14 1.18 0.00	33.34 1.31 0.00	31.36 1.15 0.00	31.22 1.20 0.00	30.86 1.16 0.00	30.43 1.14 0.00	33.72 1.20 0.00	38.81 1.39 0.00	41.91 1.42 0.00	36.49 1.30 0.00	33.28 1.15 0.00	29.01 0.76 0.00	25.45 0.62 0.00	21.98 0.58 0.00
COOPERNY_115KV_TB1 80082	20.93 0.51 0.00	19.66 0.46 0.00	19.19 0.45 0.00	19.57 0.44 0.00	20.45 0.44 0.00	22.18 0.54 0.00	29.50 0.63 0.00	31.31 0.94 0.00	32.05 0.93 0.00	31.21 0.91 0.00	32.88 0.93 0.00	32.99 0.96 0.00	31.15 0.94 0.00	30.98 0.96 0.00	30.62 0.92 0.00	30.22 0.94 0.00	33.53 1.01 0.00	38.62 1.20 0.00	41.82 1.34 0.00	36.28 1.09 0.00	33.12 1.00 0.00	28.81 0.56 0.00	25.30 0.47 0.00	21.92 0.51 0.00
COPENHAGEN_WT_PWR 323753	20.20 -0.22 0.00	18.95 -0.25 0.00	18.50 -0.24 0.00	18.91 -0.23 0.00	19.85 -0.16 0.00	21.57 -0.06 0.00	28.66 -0.20 0.00	30.19 -0.18 0.00	30.81 -0.31 0.00	29.85 -0.45 0.00	31.51 -0.45 0.00	31.39 -0.64 0.00	29.58 -0.64 0.00	29.33 -0.69 0.00	29.08 -0.63 0.00	28.67 -0.62 0.00	32.07 -0.46 0.00	37.16 -0.26 0.00	40.37 -0.12 0.00	35.26 0.07 0.00	32.29 0.16 0.00	28.25 0.00 0.00	24.83 0.00 0.00	21.47 0.06 0.00
CORNELL_____ 23752	20.87 0.45 0.00	19.61 0.40 0.00	19.13 0.39 0.00	19.52 0.38 0.00	20.53 0.52 0.00	22.18 0.54 0.00	29.38 0.52 0.00	31.01 0.64 0.00	31.46 0.34 0.00	30.52 0.21 0.00	32.24 0.29 0.00	32.16 0.13 0.00	30.37 0.15 0.00	30.08 0.06 0.00	29.76 0.06 0.00	29.37 0.09 0.00	32.81 0.29 0.00	37.91 0.49 0.00	41.18 0.69 0.00	35.75 0.56 0.00	32.57 0.45 0.00	28.50 0.25 0.00	25.08 0.25 0.00	21.83 0.43 0.00

CORONA_69_KV_TB1 355595	21.79 1.37 0.00	20.47 1.27 0.00	20.00 1.26 0.00	20.36 1.22 0.00	21.23 1.22 0.00	23.11 1.47 0.00	31.02 1.93 -0.23	32.77 2.40 0.00	33.67 2.55 0.00	33.71 2.48 -0.92	35.45 2.56 -0.94	37.30 2.66 -2.61	35.25 2.54 -2.49	35.28 2.61 -2.65	36.68 2.55 -4.42	35.46 2.52 -3.65	37.33 2.63 -2.17	42.20 3.03 -1.75	45.16 3.32 -1.35	38.27 2.82 -0.26	34.73 2.60 0.00	30.29 1.84 -0.20	27.19 1.54 -0.82	25.04 1.48 -2.16
CORTLAND_115KV_TB3 80093	20.69 0.27 0.00	19.43 0.23 0.00	18.96 0.22 0.00	19.34 0.21 0.00	20.33 0.32 0.00	21.96 0.32 0.00	29.06 0.20 0.00	30.62 0.24 0.00	31.21 0.09 0.00	30.30 0.00 0.00	31.99 0.03 0.00	31.96 -0.06 0.00	30.19 -0.03 0.00	29.90 -0.12 0.00	29.58 -0.12 0.00	29.20 -0.09 0.00	32.52 0.00 0.00	37.54 0.11 0.00	40.73 0.24 0.00	35.36 0.18 0.00	32.22 0.10 0.00	28.19 -0.06 0.00	24.85 0.02 0.00	21.62 0.21 0.00
COXSACKIE___GT 23611	21.73 1.31 0.00	20.47 1.27 0.00	19.96 1.22 0.00	20.40 1.26 0.00	21.31 1.30 0.00	23.11 1.47 0.00	30.80 1.93 0.00	32.44 2.07 0.00	33.11 1.99 0.00	32.18 1.88 0.00	33.71 1.76 0.00	33.79 1.76 0.00	31.73 1.51 0.00	31.52 1.50 0.00	31.19 1.48 0.00	30.75 1.46 0.00	34.24 1.72 0.00	39.48 2.06 0.00	42.92 2.43 0.00	37.41 2.22 0.00	34.12 1.99 0.00	29.69 1.44 0.00	26.00 1.17 0.00	22.51 1.11 0.00
CPV_VALLEY___CC1 323721	21.12 0.69 0.00	19.83 0.63 0.00	19.36 0.62 0.00	19.75 0.61 0.00	20.59 0.58 0.00	22.28 0.65 0.00	29.73 0.87 0.00	31.68 1.31 0.00	32.43 1.31 0.00	31.55 1.24 0.00	33.30 1.34 0.00	33.44 1.41 0.00	31.54 1.33 0.00	31.40 1.38 0.00	31.04 1.34 0.00	30.60 1.32 0.00	33.92 1.40 0.00	39.11 1.69 0.00	42.31 1.82 0.00	36.73 1.55 0.00	33.47 1.35 0.00	29.01 0.76 0.00	25.45 0.62 0.00	21.96 0.56 0.00
CPV_VALLEY___CC2 323722	21.12 0.69 0.00	19.83 0.63 0.00	19.36 0.62 0.00	19.75 0.61 0.00	20.59 0.58 0.00	22.28 0.65 0.00	29.73 0.87 0.00	31.68 1.31 0.00	32.43 1.31 0.00	31.55 1.24 0.00	33.30 1.34 0.00	33.44 1.41 0.00	31.54 1.33 0.00	31.40 1.38 0.00	31.04 1.34 0.00	30.60 1.32 0.00	33.92 1.40 0.00	39.11 1.69 0.00	42.31 1.82 0.00	36.73 1.55 0.00	33.47 1.35 0.00	29.01 0.76 0.00	25.45 0.62 0.00	21.96 0.56 0.00
CRESCENT___HYD 24018	21.12 0.69 0.00	19.89 0.69 0.00	19.40 0.66 0.00	19.82 0.69 0.00	20.65 0.64 0.00	22.37 0.74 0.00	29.81 0.95 0.00	31.59 1.22 0.00	32.37 1.25 0.00	31.55 1.24 0.00	33.14 1.18 0.00	33.34 1.31 0.00	31.36 1.15 0.00	31.22 1.20 0.00	30.86 1.16 0.00	30.43 1.14 0.00	33.72 1.20 0.00	38.81 1.39 0.00	41.91 1.42 0.00	36.49 1.30 0.00	33.28 1.15 0.00	29.01 0.76 0.00	25.45 0.62 0.00	21.98 0.58 0.00
CRICKET___VALLEY_CC1 323756	21.26 0.84 0.00	20.01 0.81 0.00	19.53 0.79 0.00	19.92 0.78 0.00	20.73 0.72 0.00	22.44 0.80 0.00	29.96 1.10 0.00	31.95 1.58 0.00	32.74 1.62 0.00	31.88 1.57 0.00	33.55 1.60 0.00	33.72 1.70 0.00	31.79 1.57 0.00	31.67 1.65 0.00	31.33 1.63 0.00	30.89 1.61 0.00	34.18 1.66 0.00	39.33 1.91 0.00	42.47 1.98 0.00	36.95 1.76 0.00	33.70 1.57 0.00	29.21 0.96 0.00	25.57 0.74 0.00	22.07 0.66 0.00
CRICKET___VALLEY_CC2 323757	21.26 0.84 0.00	20.01 0.81 0.00	19.53 0.79 0.00	19.92 0.78 0.00	20.73 0.72 0.00	22.44 0.80 0.00	29.96 1.10 0.00	31.95 1.58 0.00	32.74 1.62 0.00	31.88 1.57 0.00	33.55 1.60 0.00	33.72 1.70 0.00	31.79 1.57 0.00	31.67 1.65 0.00	31.33 1.63 0.00	30.89 1.61 0.00	34.18 1.66 0.00	39.33 1.91 0.00	42.47 1.98 0.00	36.95 1.76 0.00	33.70 1.57 0.00	29.21 0.96 0.00	25.57 0.74 0.00	22.07 0.66 0.00
CRICKET___VALLEY_CC3 323758	21.26 0.84 0.00	20.01 0.81 0.00	19.53 0.79 0.00	19.92 0.78 0.00	20.73 0.72 0.00	22.44 0.80 0.00	29.96 1.10 0.00	31.95 1.58 0.00	32.74 1.62 0.00	31.88 1.57 0.00	33.55 1.60 0.00	33.72 1.70 0.00	31.79 1.57 0.00	31.67 1.65 0.00	31.33 1.63 0.00	30.89 1.61 0.00	34.18 1.66 0.00	39.33 1.91 0.00	42.47 1.98 0.00	36.95 1.76 0.00	33.70 1.57 0.00	29.21 0.96 0.00	25.57 0.74 0.00	22.07 0.66 0.00
CRUCIBLE_METL_DRP 24180	20.42 0.00 0.00	19.20 0.00 0.00	18.72 -0.02 0.00	19.11 -0.02 0.00	20.07 0.06 0.00	21.59 -0.04 0.00	28.52 -0.35 0.00	30.10 -0.27 0.00	30.87 -0.25 0.00	30.00 -0.30 0.00	31.70 -0.26 0.00	31.68 -0.35 0.00	29.88 -0.33 0.00	29.63 -0.39 0.00	29.31 -0.39 0.00	28.87 -0.41 0.00	32.16 -0.36 0.00	37.09 -0.34 0.00	40.12 -0.36 0.00	34.87 -0.32 0.00	31.77 -0.35 0.00	27.88 -0.37 0.00	24.56 -0.27 0.00	21.32 -0.09 0.00
DAHOWA___HYDRO 323763	21.22 0.80 0.00	19.95 0.75 0.00	19.47 0.73 0.00	19.90 0.77 0.00	20.77 0.76 0.00	22.52 0.89 0.00	29.99 1.12 0.00	31.77 1.40 0.00	32.52 1.40 0.00	31.67 1.36 0.00	33.36 1.40 0.00	33.53 1.51 0.00	31.52 1.30 0.00	31.31 1.29 0.00	30.95 1.25 0.00	30.51 1.23 0.00	33.89 1.37 0.00	39.03 1.61 0.00	42.31 1.82 0.00	36.77 1.58 0.00	33.50 1.38 0.00	29.21 0.96 0.00	25.65 0.82 0.00	22.13 0.73 0.00
DANC___LFGE 323619	20.18 -0.24 0.00	18.95 -0.25 0.00	18.50 -0.24 0.00	18.88 -0.25 0.00	19.83 -0.18 0.00	21.51 -0.13 0.00	28.46 -0.40 0.00	29.98 -0.40 0.00	30.62 -0.50 0.00	29.73 -0.58 0.00	31.35 -0.61 0.00	31.29 -0.74 0.00	29.49 -0.73 0.00	29.21 -0.81 0.00	28.93 -0.77 0.00	28.52 -0.76 0.00	31.84 -0.68 0.00	36.86 -0.56 0.00	40.00 -0.48 0.00	34.87 -0.32 0.00	31.90 -0.22 0.00	27.97 -0.28 0.00	24.58 -0.25 0.00	21.34 -0.06 0.00
DANSKAMMER___1 23586	21.47 1.04 0.00	20.16 0.96 0.00	19.68 0.94 0.00	20.07 0.94 0.00	20.91 0.90 0.00	22.63 1.00 0.00	30.25 1.39 0.00	32.26 1.88 0.00	33.02 1.90 0.00	32.15 1.85 0.00	33.90 1.95 0.00	34.05 2.02 0.00	32.09 1.87 0.00	31.95 1.92 0.00	31.60 1.90 0.00	31.16 1.88 0.00	34.54 2.02 0.00	39.82 2.40 0.00	43.08 2.59 0.00	37.44 2.25 0.00	34.12 1.99 0.00	29.46 1.21 0.00	25.80 0.97 0.00	22.26 0.86 0.00
DANSKAMMER___2 23589	21.47 1.04 0.00	20.16 0.96 0.00	19.68 0.94 0.00	20.07 0.94 0.00	20.91 0.90 0.00	22.63 1.00 0.00	30.25 1.39 0.00	32.26 1.88 0.00	33.02 1.90 0.00	32.15 1.85 0.00	33.90 1.95 0.00	34.05 2.02 0.00	32.09 1.87 0.00	31.95 1.92 0.00	31.60 1.90 0.00	31.16 1.88 0.00	34.54 2.02 0.00	39.82 2.40 0.00	43.08 2.59 0.00	37.44 2.25 0.00	34.12 1.99 0.00	29.46 1.21 0.00	25.80 0.97 0.00	22.26 0.86 0.00
DANSKAMMER___3 23590	21.47 1.04 0.00	20.16 0.96 0.00	19.68 0.94 0.00	20.07 0.94 0.00	20.91 0.90 0.00	22.63 1.00 0.00	30.25 1.39 0.00	32.26 1.88 0.00	33.02 1.90 0.00	32.15 1.85 0.00	33.90 1.95 0.00	34.05 2.02 0.00	32.09 1.87 0.00	31.95 1.92 0.00	31.60 1.90 0.00	31.16 1.88 0.00	34.54 2.02 0.00	39.82 2.40 0.00	43.08 2.59 0.00	37.44 2.25 0.00	34.12 1.99 0.00	29.46 1.21 0.00	25.80 0.97 0.00	22.26 0.86 0.00

DANSKAMMER___4 23591	21.47 1.04 0.00	20.16 0.96 0.00	19.68 0.94 0.00	20.07 0.94 0.00	20.91 0.90 0.00	22.63 1.00 0.00	30.25 1.39 0.00	32.26 1.88 0.00	33.02 1.90 0.00	32.15 1.85 0.00	33.90 1.95 0.00	34.05 2.02 0.00	32.09 1.87 0.00	31.95 1.92 0.00	31.60 1.90 0.00	31.16 1.88 0.00	34.54 2.02 0.00	39.82 2.40 0.00	43.08 2.59 0.00	37.44 2.25 0.00	34.12 1.99 0.00	29.46 1.21 0.00	25.80 0.97 0.00	22.26 0.86 0.00
DANSKAMMER___DIESEL 23592	21.47 1.04 0.00	20.18 0.98 0.00	19.70 0.96 0.00	20.07 0.94 0.00	20.91 0.90 0.00	22.72 1.08 0.00	30.28 1.41 0.00	32.23 1.85 0.00	33.02 1.90 0.00	32.18 1.88 0.00	33.90 1.95 0.00	34.05 2.02 0.00	32.09 1.87 0.00	31.94 1.92 0.00	31.60 1.90 0.00	31.16 1.87 0.00	34.54 2.02 0.00	39.82 2.40 0.00	43.12 2.63 0.00	37.37 2.18 0.00	34.12 1.99 0.00	29.46 1.21 0.00	25.82 0.99 0.00	22.39 0.98 0.00
DARBY___SOLAR 323810	21.22 0.80 0.00	19.95 0.75 0.00	19.45 0.71 0.00	19.88 0.75 0.00	20.77 0.76 0.00	22.50 0.87 0.00	29.93 1.07 0.00	31.71 1.33 0.00	32.49 1.37 0.00	31.63 1.33 0.00	33.33 1.37 0.00	33.47 1.44 0.00	31.49 1.27 0.00	31.31 1.29 0.00	30.95 1.25 0.00	30.49 1.20 0.00	33.82 1.30 0.00	39.00 1.57 0.00	42.23 1.74 0.00	36.73 1.55 0.00	33.44 1.32 0.00	29.18 0.93 0.00	25.60 0.77 0.00	22.11 0.71 0.00
DASHVILLE___HYD 23610	21.26 0.84 0.00	19.97 0.77 0.00	19.49 0.75 0.00	19.86 0.73 0.00	20.69 0.68 0.00	22.44 0.80 0.00	29.87 1.01 0.00	31.77 1.40 0.00	32.49 1.37 0.00	31.67 1.36 0.00	33.39 1.44 0.00	33.53 1.51 0.00	31.61 1.39 0.00	31.52 1.50 0.00	31.16 1.46 0.00	30.75 1.46 0.00	34.05 1.53 0.00	39.26 1.83 0.00	42.51 2.02 0.00	36.88 1.69 0.00	33.67 1.54 0.00	29.07 0.82 0.00	25.47 0.65 0.00	22.11 0.71 0.00
DEERFIELD_69_KV_DEERFIELD LD 355887	22.18 1.76 0.00	20.95 1.75 0.00	20.48 1.74 0.00	20.84 1.70 0.00	21.77 1.76 0.00	23.69 2.06 0.00	31.83 2.74 -0.23	33.32 2.95 0.00	34.58 3.45 0.00	34.52 3.30 -0.92	36.44 3.55 -0.94	38.36 3.72 -2.61	36.19 3.47 -2.49	36.21 3.54 -2.65	37.54 3.42 -4.42	36.36 3.43 -3.65	38.44 3.71 -2.21	43.60 4.38 -1.80	46.46 4.58 -1.39	39.43 3.94 -0.31	35.40 3.28 0.00	30.91 2.46 -0.20	27.73 2.09 -0.82	25.47 1.90 -2.16
DELAWARE___LFGE 323621	21.00 0.57 0.00	19.72 0.52 0.00	19.25 0.51 0.00	19.63 0.50 0.00	20.55 0.54 0.00	22.28 0.65 0.00	29.58 0.72 0.00	31.35 0.97 0.00	32.09 0.96 0.00	31.18 0.88 0.00	32.88 0.93 0.00	32.93 0.90 0.00	31.06 0.85 0.00	30.86 0.84 0.00	30.50 0.80 0.00	30.10 0.82 0.00	33.46 0.94 0.00	38.55 1.12 0.00	41.74 1.26 0.00	36.24 1.06 0.00	33.06 0.93 0.00	28.81 0.56 0.00	25.33 0.50 0.00	21.98 0.58 0.00
DERFIELD_115KV_TB7 355931	20.57 0.14 0.00	19.34 0.13 0.00	18.87 0.13 0.00	19.27 0.13 0.00	20.13 0.12 0.00	21.79 0.15 0.00	29.01 0.14 0.00	30.62 0.24 0.00	31.37 0.25 0.00	30.55 0.24 0.00	32.21 0.26 0.00	32.28 0.26 0.00	30.46 0.24 0.00	30.26 0.24 0.00	29.94 0.24 0.00	29.55 0.26 0.00	32.81 0.29 0.00	37.76 0.34 0.00	40.85 0.36 0.00	35.50 0.32 0.00	32.38 0.26 0.00	28.36 0.11 0.00	24.93 0.10 0.00	21.53 0.13 0.00
DOGLEVILLE___HYD 23807	20.42 0.00 0.00	19.16 -0.04 0.00	18.70 -0.04 0.00	19.11 -0.02 0.00	20.01 0.00 0.00	21.66 0.02 0.00	28.86 0.00 0.00	30.37 0.00 0.00	31.12 0.00 0.00	30.33 0.03 0.00	31.99 0.03 0.00	32.03 0.00 0.00	30.19 -0.03 0.00	30.02 0.00 0.00	29.70 0.00 0.00	29.31 0.03 0.00	32.62 0.10 0.00	37.58 0.15 0.00	40.73 0.24 0.00	35.50 0.32 0.00	32.41 0.29 0.00	28.50 0.25 0.00	25.08 0.25 0.00	21.68 0.28 0.00
DUNKIRK___115KV_TB_200 55889	18.91 -1.51 0.00	17.70 -1.50 0.00	17.26 -1.48 0.00	17.70 -1.44 0.00	18.91 -1.10 0.00	20.38 -1.25 0.00	26.21 -2.66 0.00	27.43 -2.95 0.00	28.20 -2.93 0.00	27.33 -2.97 0.00	28.85 -3.10 0.00	28.83 -3.20 0.00	27.59 -2.63 0.00	27.08 -2.94 0.00	26.85 -2.85 0.00	26.47 -2.81 0.00	29.59 -2.93 0.00	33.98 -3.44 0.00	36.93 -3.56 0.00	31.99 -3.20 0.00	29.27 -2.86 0.00	25.74 -2.51 0.00	23.17 -1.66 0.00	20.85 -0.56 0.00
DUNKIRK___1 23563	18.91 -1.51 0.00	17.70 -1.50 0.00	17.26 -1.48 0.00	17.70 -1.44 0.00	18.91 -1.10 0.00	20.38 -1.25 0.00	26.21 -2.66 0.00	27.43 -2.95 0.00	28.20 -2.93 0.00	27.33 -2.97 0.00	28.85 -3.10 0.00	28.83 -3.20 0.00	27.59 -2.63 0.00	27.08 -2.94 0.00	26.85 -2.85 0.00	26.47 -2.81 0.00	29.59 -2.93 0.00	33.98 -3.44 0.00	36.93 -3.56 0.00	31.99 -3.20 0.00	29.27 -2.86 0.00	25.74 -2.51 0.00	23.17 -1.66 0.00	20.85 -0.56 0.00
DUNKIRK___2 23564	18.91 -1.51 0.00	17.70 -1.50 0.00	17.26 -1.48 0.00	17.70 -1.44 0.00	18.91 -1.10 0.00	20.38 -1.25 0.00	26.21 -2.66 0.00	27.43 -2.95 0.00	28.20 -2.93 0.00	27.33 -2.97 0.00	28.85 -3.10 0.00	28.83 -3.20 0.00	27.59 -2.63 0.00	27.08 -2.94 0.00	26.85 -2.85 0.00	26.47 -2.81 0.00	29.59 -2.93 0.00	33.98 -3.44 0.00	36.93 -3.56 0.00	31.99 -3.20 0.00	29.27 -2.86 0.00	25.74 -2.51 0.00	23.17 -1.66 0.00	20.85 -0.56 0.00
DUNKIRK___3 23565	18.93 -1.49 0.00	17.74 -1.46 0.00	17.28 -1.46 0.00	17.70 -1.44 0.00	18.93 -1.08 0.00	20.38 -1.25 0.00	26.18 -2.68 0.00	27.43 -2.95 0.00	28.16 -2.96 0.00	27.27 -3.03 0.00	28.79 -3.16 0.00	28.73 -3.30 0.00	27.50 -2.72 0.00	26.96 -3.06 0.00	26.73 -2.97 0.00	26.36 -2.93 0.00	29.43 -3.09 0.00	33.79 -3.63 0.00	36.72 -3.77 0.00	31.85 -3.34 0.00	29.14 -2.99 0.00	25.62 -2.63 0.00	23.07 -1.76 0.00	20.74 -0.66 0.00
DUNKIRK___4 23566	18.93 -1.49 0.00	17.74 -1.46 0.00	17.28 -1.46 0.00	17.70 -1.44 0.00	18.93 -1.08 0.00	20.38 -1.25 0.00	26.18 -2.68 0.00	27.43 -2.95 0.00	28.16 -2.96 0.00	27.27 -3.03 0.00	28.79 -3.16 0.00	28.73 -3.30 0.00	27.50 -2.72 0.00	26.96 -3.06 0.00	26.73 -2.97 0.00	26.36 -2.93 0.00	29.43 -3.09 0.00	33.79 -3.63 0.00	36.72 -3.77 0.00	31.85 -3.34 0.00	29.14 -2.99 0.00	25.62 -2.63 0.00	23.07 -1.76 0.00	20.74 -0.66 0.00
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	21.42 1.00 0.00	20.10 0.90 0.00	19.64 0.90 0.00	20.01 0.88 0.00	20.85 0.84 0.00	22.67 1.04 0.00	30.19 1.33 0.00	32.26 1.88 0.00	33.05 1.93 0.00	32.18 1.88 0.00	33.97 2.01 0.00	34.14 2.11 0.00	32.21 1.99 0.00	32.09 2.07 0.00	31.75 2.05 0.00	31.28 1.99 0.00	34.60 2.08 0.00	39.89 2.47 0.00	43.16 2.67 0.00	37.44 2.25 0.00	34.18 2.06 0.00	29.49 1.24 0.00	25.85 1.02 0.00	22.41 1.01 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	21.34 0.92 0.00	20.07 0.86 0.00	19.56 0.82 0.00	19.96 0.82 0.00	20.81 0.80 0.00	22.61 0.97 0.00	30.10 1.24 0.00	32.04 1.67 0.00	32.80 1.68 0.00	31.97 1.67 0.00	33.68 1.73 0.00	33.85 1.83 0.00	31.91 1.69 0.00	31.79 1.77 0.00	31.42 1.72 0.00	30.98 1.70 0.00	34.34 1.82 0.00	39.60 2.17 0.00	42.88 2.39 0.00	37.19 2.01 0.00	33.92 1.80 0.00	29.32 1.07 0.00	25.70 0.87 0.00	22.28 0.88 0.00

E179THST_138_KV_TB4_REV_LBMP_J 345001	21.65 1.23 0.00	20.24 1.04 0.00	19.79 1.05 0.00	20.15 1.01 0.00	20.93 0.92 0.00	22.57 0.93 0.00	29.96 1.10 0.00	32.14 1.76 0.00	32.96 1.84 0.00	32.06 1.76 0.00	33.87 1.92 0.00	34.05 2.02 0.00	32.15 1.93 0.00	32.06 2.04 0.00	31.72 2.02 0.00	31.25 1.96 0.00	34.47 1.95 0.00	39.78 2.36 0.00	43.00 2.51 0.00	37.26 2.08 0.00	34.05 1.93 0.00	29.32 1.07 0.00	25.80 0.97 0.00	22.45 1.05 0.00
E179THST_13_KV_LOAD 356214	21.73 1.31 0.00	20.32 1.11 0.00	19.86 1.12 0.00	20.21 1.07 0.00	20.99 0.98 0.00	22.65 1.02 0.00	30.07 1.21 0.00	32.29 1.91 0.00	33.08 1.96 0.00	32.18 1.88 0.00	34.03 2.08 0.00	34.17 2.15 0.00	32.30 2.08 0.00	32.21 2.19 0.00	31.84 2.14 0.00	31.36 2.08 0.00	34.63 2.11 0.00	39.97 2.54 0.00	43.20 2.71 0.00	37.48 2.29 0.00	34.18 2.06 0.00	29.44 1.19 0.00	25.90 1.07 0.00	22.56 1.16 0.00
EAST HAMPTON___GT 23717	22.41 1.98 0.00	21.16 1.96 0.00	20.71 1.97 0.00	21.05 1.91 0.00	21.87 1.86 0.00	23.86 2.23 0.00	32.15 3.06 -0.23	33.77 3.40 0.00	34.98 3.86 0.00	34.92 3.70 -0.92	36.79 3.90 -0.94	38.71 4.07 -2.61	36.46 3.75 -2.49	36.54 3.87 -2.65	37.84 3.71 -4.42	36.60 3.66 -3.65	38.73 4.00 -2.21	43.97 4.75 -1.80	46.86 4.98 -1.39	39.82 4.33 -0.31	35.75 3.63 0.00	31.19 2.74 -0.20	27.91 2.26 -0.82	25.58 2.01 -2.16
EAST RIVER___6 23660	21.36 0.94 0.00	20.01 0.81 0.00	19.56 0.82 0.00	19.92 0.78 0.00	20.73 0.72 0.00	22.44 0.80 0.00	30.02 1.16 0.00	32.29 1.91 0.00	33.02 1.90 0.00	32.12 1.82 0.00	33.94 1.98 0.00	34.01 1.99 0.00	32.15 1.94 0.00	32.06 2.04 0.00	31.72 2.02 0.00	31.22 1.93 0.00	34.44 1.92 0.00	39.71 2.28 0.00	42.88 2.39 0.00	37.30 2.11 0.00	33.99 1.86 0.00	29.30 1.05 0.00	25.70 0.87 0.00	22.13 0.73 0.00
EAST RIVER___7 23524	21.36 0.94 0.00	20.01 0.81 0.00	19.56 0.82 0.00	19.92 0.78 0.00	20.73 0.72 0.00	22.44 0.80 0.00	30.02 1.16 0.00	32.29 1.91 0.00	33.02 1.90 0.00	32.12 1.82 0.00	33.94 1.98 0.00	34.01 1.99 0.00	32.15 1.94 0.00	32.06 2.04 0.00	31.72 2.02 0.00	31.22 1.93 0.00	34.44 1.92 0.00	39.71 2.28 0.00	42.88 2.39 0.00	37.30 2.11 0.00	33.99 1.86 0.00	29.30 1.05 0.00	25.70 0.87 0.00	22.13 0.73 0.00
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	21.40 0.98 0.00	20.10 0.90 0.00	19.62 0.88 0.00	19.99 0.86 0.00	20.83 0.82 0.00	22.65 1.02 0.00	30.16 1.30 0.00	32.23 1.85 0.00	33.02 1.90 0.00	32.12 1.82 0.00	33.90 1.95 0.00	34.08 2.05 0.00	32.15 1.93 0.00	32.03 2.01 0.00	31.69 1.99 0.00	31.22 1.93 0.00	34.54 2.02 0.00	39.82 2.40 0.00	43.08 2.59 0.00	37.37 2.18 0.00	34.12 1.99 0.00	29.46 1.21 0.00	25.82 0.99 0.00	22.39 0.98 0.00
EAST_HAMPTON___DIESEL 23722	22.43 2.00 0.00	21.18 1.98 0.00	20.71 1.97 0.00	21.07 1.93 0.00	21.89 1.88 0.00	23.89 2.25 0.00	32.18 3.09 -0.23	33.77 3.40 0.00	34.98 3.86 0.00	34.95 3.73 -0.92	36.83 3.93 -0.94	38.74 4.10 -2.61	36.49 3.78 -2.49	36.54 3.87 -2.65	37.84 3.71 -4.42	36.60 3.66 -3.65	38.77 4.03 -2.21	43.97 4.75 -1.80	46.86 4.98 -1.39	39.86 4.36 -0.31	35.75 3.63 0.00	31.19 2.74 -0.20	27.93 2.28 -0.82	25.58 2.01 -2.16
EAST_PULASKI___ESR 323781	20.22 -0.20 0.00	18.99 -0.21 0.00	18.53 -0.21 0.00	18.90 -0.23 0.00	19.85 -0.16 0.00	21.40 -0.24 0.00	28.31 -0.55 0.00	29.86 -0.52 0.00	30.56 -0.56 0.00	29.67 -0.64 0.00	31.31 -0.64 0.00	31.26 -0.77 0.00	29.49 -0.73 0.00	29.21 -0.81 0.00	28.90 -0.80 0.00	28.41 -0.88 0.00	31.68 -0.85 0.00	36.60 -0.82 0.00	39.68 -0.81 0.00	34.52 -0.67 0.00	31.55 -0.58 0.00	27.74 -0.51 0.00	24.41 -0.42 0.00	21.14 -0.26 0.00
EAST_RIVER___1 323558	21.42 1.00 0.00	20.07 0.86 0.00	19.62 0.88 0.00	19.97 0.84 0.00	20.81 0.80 0.00	22.50 0.87 0.00	30.10 1.24 0.00	32.35 1.97 0.00	33.05 1.93 0.00	32.15 1.85 0.00	33.97 2.01 0.00	34.11 2.08 0.00	32.24 2.02 0.00	32.15 2.13 0.00	31.81 2.11 0.00	31.33 2.05 0.00	34.57 2.05 0.00	39.89 2.47 0.00	43.08 2.59 0.00	37.44 2.25 0.00	34.15 2.03 0.00	29.44 1.19 0.00	25.82 0.99 0.00	22.24 0.83 0.00
EAST_RIVER___2 323559	21.36 0.94 0.00	20.01 0.81 0.00	19.56 0.82 0.00	19.92 0.78 0.00	20.73 0.72 0.00	22.44 0.80 0.00	30.02 1.16 0.00	32.29 1.91 0.00	33.02 1.90 0.00	32.12 1.82 0.00	33.94 1.98 0.00	34.01 1.99 0.00	32.15 1.94 0.00	32.06 2.04 0.00	31.72 2.02 0.00	31.22 1.93 0.00	34.44 1.92 0.00	39.71 2.28 0.00	42.88 2.39 0.00	37.30 2.11 0.00	33.99 1.86 0.00	29.30 1.05 0.00	25.70 0.87 0.00	22.13 0.73 0.00
EAST___DELAWARE_HYD 23607	21.08 0.65 0.00	19.80 0.60 0.00	19.32 0.58 0.00	19.69 0.56 0.00	20.55 0.54 0.00	22.24 0.60 0.00	29.73 0.87 0.00	31.65 1.28 0.00	32.33 1.21 0.00	31.45 1.15 0.00	33.17 1.21 0.00	33.28 1.25 0.00	31.36 1.15 0.00	31.25 1.23 0.00	30.89 1.19 0.00	30.49 1.20 0.00	33.85 1.33 0.00	39.11 1.69 0.00	42.39 1.90 0.00	36.81 1.62 0.00	33.54 1.41 0.00	28.96 0.71 0.00	25.35 0.52 0.00	21.85 0.45 0.00
EIGHT_POINT___WT_PWR 323820	20.47 0.04 0.00	19.26 0.06 0.00	18.80 0.06 0.00	19.21 0.08 0.00	20.33 0.32 0.00	22.07 0.43 0.00	29.09 0.23 0.00	30.83 0.46 0.00	31.46 0.34 0.00	30.58 0.27 0.00	32.46 0.51 0.00	32.32 0.29 0.00	30.55 0.33 0.00	30.23 0.21 0.00	29.91 0.21 0.00	29.52 0.23 0.00	32.98 0.46 0.00	38.06 0.64 0.00	41.34 0.85 0.00	35.82 0.63 0.00	32.61 0.48 0.00	28.45 0.20 0.00	25.03 0.20 0.00	21.94 0.54 0.00
ELBRIDGE_115KV_TB2 80188	20.32 -0.10 0.00	19.11 -0.10 0.00	18.65 -0.09 0.00	19.02 -0.11 0.00	19.97 -0.04 0.00	21.48 -0.15 0.00	28.40 -0.46 0.00	29.98 -0.39 0.00	30.69 -0.44 0.00	29.82 -0.48 0.00	31.51 -0.45 0.00	31.45 -0.58 0.00	29.73 -0.48 0.00	29.45 -0.57 0.00	29.14 -0.56 0.00	28.73 -0.56 0.00	32.00 -0.52 0.00	36.90 -0.52 0.00	39.96 -0.53 0.00	34.70 -0.49 0.00	31.64 -0.48 0.00	27.74 -0.51 0.00	24.43 -0.40 0.00	21.23 -0.17 0.00
ELEC_TRO_TEK 24086	21.67 1.25 0.00	20.37 1.17 0.00	19.90 1.16 0.00	20.26 1.13 0.00	21.13 1.12 0.00	23.00 1.36 0.00	30.88 1.79 -0.23	32.62 2.25 0.00	33.52 2.40 0.00	33.55 2.33 -0.92	35.36 2.46 -0.94	37.20 2.56 -2.61	35.16 2.45 -2.49	35.19 2.52 -2.65	36.59 2.47 -4.42	35.37 2.43 -3.65	37.23 2.54 -2.17	42.20 3.03 -1.75	45.12 3.28 -1.35	38.20 2.74 -0.26	34.60 2.47 0.00	30.12 1.67 -0.20	27.06 1.42 -0.82	24.91 1.35 -2.16
ELLENBURG_WT_PWR 323604	19.85 -0.57 0.00	18.64 -0.56 0.00	18.25 -0.49 0.00	18.69 -0.44 0.00	19.59 -0.42 0.00	21.27 -0.37 0.00	28.49 -0.38 0.00	29.80 -0.58 0.00	30.69 -0.44 0.00	30.12 -0.18 0.00	31.89 -0.06 0.00	31.96 -0.06 0.00	30.16 -0.06 0.00	29.90 -0.12 0.00	29.64 -0.06 0.00	29.17 -0.12 0.00	32.42 -0.10 0.00	36.86 -0.56 0.00	39.76 -0.73 0.00	34.59 -0.60 0.00	32.03 -0.10 0.00	28.81 0.56 0.00	25.33 0.50 0.00	21.55 0.15 0.00

ELM_ST_23_KV_LD_REV_LBMP_A 345012	18.77 -1.65 0.00	17.61 -1.59 0.00	17.17 -1.57 0.00	17.55 -1.59 0.00	18.77 -1.24 0.00	20.19 -1.45 0.00	25.83 -3.03 0.00	27.06 -3.31 0.00	27.85 -3.27 0.00	26.94 -3.36 0.00	28.37 -3.58 0.00	28.28 -3.75 0.00	27.07 -3.14 0.00	26.48 -3.54 0.00	26.29 -3.42 0.00	25.86 -3.43 0.00	28.88 -3.64 0.00	33.08 -4.34 0.00	35.91 -4.58 0.00	31.25 -3.94 0.00	28.66 -3.47 0.00	25.20 -3.05 0.00	22.72 -2.11 0.00	20.40 -1.01 0.00
EMPIRE_CC_1 323656	21.02 0.59 0.00	19.80 0.60 0.00	19.30 0.56 0.00	19.73 0.59 0.00	20.55 0.54 0.00	22.22 0.58 0.00	29.53 0.66 0.00	31.32 0.94 0.00	32.05 0.93 0.00	31.27 0.97 0.00	32.82 0.86 0.00	33.02 0.99 0.00	31.06 0.84 0.00	30.95 0.93 0.00	30.62 0.92 0.00	30.19 0.91 0.00	33.40 0.88 0.00	38.40 0.97 0.00	41.46 0.97 0.00	36.07 0.88 0.00	32.93 0.80 0.00	28.70 0.45 0.00	25.18 0.35 0.00	21.81 0.41 0.00
EMPIRE_CC_2 323658	21.02 0.59 0.00	19.80 0.60 0.00	19.30 0.56 0.00	19.73 0.59 0.00	20.55 0.54 0.00	22.22 0.58 0.00	29.53 0.66 0.00	31.32 0.94 0.00	32.05 0.93 0.00	31.27 0.97 0.00	32.82 0.86 0.00	33.02 0.99 0.00	31.06 0.84 0.00	30.95 0.93 0.00	30.62 0.92 0.00	30.19 0.91 0.00	33.40 0.88 0.00	38.40 0.97 0.00	41.46 0.97 0.00	36.07 0.88 0.00	32.93 0.80 0.00	28.70 0.45 0.00	25.18 0.35 0.00	21.81 0.41 0.00
ENORWICH_115KV_TB1 80156	21.63 1.21 0.00	20.28 1.08 0.00	19.77 1.03 0.00	20.21 1.07 0.00	21.33 1.32 0.00	23.15 1.51 0.00	30.71 1.85 0.00	32.50 2.13 0.00	33.05 1.93 0.00	31.94 1.64 0.00	33.65 1.69 0.00	33.50 1.47 0.00	31.61 1.39 0.00	31.28 1.26 0.00	30.98 1.28 0.00	30.69 1.41 0.00	34.44 1.92 0.00	39.97 2.54 0.00	43.53 3.04 0.00	37.79 2.60 0.00	34.44 2.31 0.00	29.83 1.58 0.00	26.24 1.42 0.00	22.86 1.46 0.00
ERIE_ST__34_KV_TB1-2 80199	19.12 -1.31 0.00	17.93 -1.27 0.00	17.48 -1.26 0.00	17.87 -1.26 0.00	19.13 -0.88 0.00	20.60 -1.04 0.00	26.44 -2.42 0.00	27.70 -2.67 0.00	28.44 -2.68 0.00	27.55 -2.76 0.00	29.05 -2.91 0.00	28.99 -3.04 0.00	27.68 -2.54 0.00	27.53 -2.49 0.00	27.27 -2.44 0.00	26.91 -2.37 0.00	30.05 -2.47 0.00	34.54 -2.88 0.00	37.57 -2.92 0.00	32.06 -3.13 0.00	29.33 -2.79 0.00	25.76 -2.49 0.00	23.17 -1.66 0.00	20.82 -0.58 0.00
ERIE_WT_PWR 323693	18.89 -1.53 0.00	17.76 -1.44 0.00	17.33 -1.41 0.00	17.68 -1.45 0.00	18.89 -1.12 0.00	20.42 -1.21 0.00	26.06 -2.80 0.00	27.27 -3.10 0.00	28.07 -3.05 0.00	27.24 -3.06 0.00	28.60 -3.35 0.00	28.47 -3.56 0.00	27.26 -2.96 0.00	26.69 -3.33 0.00	26.46 -3.24 0.00	26.06 -3.22 0.00	29.11 -3.41 0.00	33.35 -4.08 0.00	36.32 -4.17 0.00	31.60 -3.59 0.00	28.98 -3.15 0.00	25.40 -2.85 0.00	22.74 -2.09 0.00	20.54 -0.86 0.00
ESPRGFLD_115KV_TB1 80157	21.34 0.92 0.00	20.01 0.81 0.00	19.53 0.79 0.00	19.94 0.80 0.00	20.91 0.90 0.00	22.72 1.08 0.00	30.16 1.30 0.00	31.92 1.55 0.00	32.65 1.52 0.00	31.67 1.36 0.00	33.39 1.44 0.00	33.41 1.38 0.00	31.49 1.27 0.00	31.25 1.23 0.00	30.92 1.22 0.00	30.46 1.17 0.00	33.95 1.43 0.00	39.22 1.80 0.00	42.59 2.11 0.00	36.98 1.79 0.00	33.73 1.61 0.00	29.46 1.21 0.00	25.90 1.07 0.00	22.41 1.01 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	20.83 0.41 0.00	19.57 0.36 0.00	19.10 0.36 0.00	19.48 0.34 0.00	20.49 0.48 0.00	22.13 0.50 0.00	29.30 0.43 0.00	30.92 0.55 0.00	31.40 0.28 0.00	30.45 0.15 0.00	32.15 0.19 0.00	32.09 0.06 0.00	30.31 0.09 0.00	30.02 0.00 0.00	29.73 0.03 0.00	29.31 0.03 0.00	32.75 0.23 0.00	37.84 0.41 0.00	41.06 0.57 0.00	35.65 0.46 0.00	32.51 0.39 0.00	28.45 0.20 0.00	25.03 0.20 0.00	21.79 0.39 0.00
ETNA____115KV_TB2 80207	20.83 0.41 0.00	19.57 0.36 0.00	19.10 0.36 0.00	19.48 0.34 0.00	20.49 0.48 0.00	22.13 0.50 0.00	29.30 0.43 0.00	30.92 0.55 0.00	31.40 0.28 0.00	30.45 0.15 0.00	32.15 0.19 0.00	32.09 0.06 0.00	30.31 0.09 0.00	30.02 0.00 0.00	29.73 0.03 0.00	29.31 0.03 0.00	32.75 0.23 0.00	37.84 0.41 0.00	41.06 0.57 0.00	35.65 0.46 0.00	32.51 0.39 0.00	28.45 0.20 0.00	25.03 0.20 0.00	21.79 0.39 0.00
EUCLID___115KV_TB2 356179	20.20 -0.22 0.00	18.99 -0.21 0.00	18.52 -0.22 0.00	18.90 -0.23 0.00	19.85 -0.16 0.00	21.33 -0.30 0.00	28.17 -0.69 0.00	29.71 -0.67 0.00	30.44 -0.68 0.00	29.58 -0.73 0.00	31.25 -0.70 0.00	31.23 -0.80 0.00	29.49 -0.73 0.00	29.21 -0.81 0.00	28.93 -0.77 0.00	28.49 -0.79 0.00	31.74 -0.78 0.00	36.56 -0.86 0.00	39.60 -0.89 0.00	34.41 -0.77 0.00	31.39 -0.74 0.00	27.54 -0.71 0.00	24.28 -0.55 0.00	21.08 -0.32 0.00
E_CANADA_CAP_HY 24051	21.51 1.08 0.00	20.18 0.98 0.00	19.70 0.96 0.00	20.13 0.99 0.00	21.09 1.08 0.00	22.91 1.28 0.00	30.36 1.50 0.00	32.13 1.76 0.00	32.83 1.71 0.00	31.82 1.51 0.00	33.55 1.60 0.00	33.60 1.57 0.00	31.64 1.42 0.00	31.40 1.38 0.00	31.04 1.34 0.00	30.60 1.32 0.00	34.08 1.56 0.00	39.41 1.98 0.00	42.88 2.39 0.00	37.30 2.11 0.00	33.95 1.83 0.00	29.75 1.50 0.00	26.09 1.27 0.00	22.56 1.15 0.00
E_CANADA_MHWK_HY 24050	20.42 0.00 0.00	19.16 -0.04 0.00	18.70 -0.04 0.00	19.11 -0.02 0.00	20.01 0.00 0.00	21.66 0.02 0.00	28.86 0.00 0.00	30.37 0.00 0.00	31.12 0.00 0.00	30.33 0.03 0.00	31.99 0.03 0.00	32.03 0.00 0.00	30.19 -0.03 0.00	30.02 0.00 0.00	29.70 0.00 0.00	29.31 0.03 0.00	32.62 0.10 0.00	37.58 0.15 0.00	40.73 0.24 0.00	35.50 0.32 0.00	32.41 0.29 0.00	28.50 0.25 0.00	25.08 0.25 0.00	21.68 0.28 0.00
E_FISHKILL___LBMP 23776	21.30 0.88 0.00	20.01 0.81 0.00	19.55 0.81 0.00	19.92 0.78 0.00	20.75 0.74 0.00	22.57 0.93 0.00	30.02 1.15 0.00	31.98 1.61 0.00	32.77 1.65 0.00	31.91 1.61 0.00	33.65 1.69 0.00	33.79 1.76 0.00	31.88 1.66 0.00	31.76 1.74 0.00	31.39 1.69 0.00	30.95 1.67 0.00	34.28 1.76 0.00	39.48 2.06 0.00	42.72 2.23 0.00	37.05 1.86 0.00	33.83 1.70 0.00	29.27 1.02 0.00	25.67 0.84 0.00	22.26 0.86 0.00
FALCON___SEABRD_CC1 323796	20.04 -0.39 0.00	18.82 -0.38 0.00	18.42 -0.32 0.00	18.88 -0.25 0.00	19.77 -0.24 0.00	21.46 -0.17 0.00	28.60 -0.26 0.00	29.95 -0.43 0.00	30.84 -0.28 0.00	30.27 -0.03 0.00	32.02 0.06 0.00	32.09 0.06 0.00	30.31 0.09 0.00	30.05 0.03 0.00	29.76 0.06 0.00	29.31 0.03 0.00	32.62 0.10 0.00	36.82 -0.60 0.00	39.72 -0.77 0.00	34.56 -0.63 0.00	32.22 0.10 0.00	29.15 0.90 0.00	25.60 0.77 0.00	21.79 0.39 0.00
FALCON___SEABRD_CC2 323797	20.04 -0.39 0.00	18.82 -0.38 0.00	18.42 -0.32 0.00	18.88 -0.25 0.00	19.77 -0.24 0.00	21.46 -0.17 0.00	28.60 -0.26 0.00	29.95 -0.43 0.00	30.84 -0.28 0.00	30.27 -0.03 0.00	32.02 0.06 0.00	32.09 0.06 0.00	30.31 0.09 0.00	30.05 0.03 0.00	29.76 0.06 0.00	29.31 0.03 0.00	32.62 0.10 0.00	36.82 -0.60 0.00	39.72 -0.77 0.00	34.56 -0.63 0.00	32.22 0.10 0.00	29.15 0.90 0.00	25.60 0.77 0.00	21.79 0.39 0.00

FAR ROCKAWAY___4 23548	21.92 1.49 0.00	20.58 1.38 0.00	20.11 1.37 0.00	20.47 1.34 0.00	21.37 1.36 0.00	23.26 1.62 0.00	31.20 2.11 -0.23	33.02 2.64 0.00	33.89 2.77 0.00	33.95 2.73 -0.92	35.61 2.72 -0.94	37.46 2.82 -2.61	35.40 2.69 -2.49	35.40 2.73 -2.65	36.83 2.70 -4.42	35.57 2.64 -3.65	37.46 2.76 -2.17	42.13 2.96 -1.75	45.08 3.24 -1.35	38.16 2.71 -0.26	34.86 2.73 0.00	30.49 2.03 -0.20	27.36 1.71 -0.82	25.19 1.63 -2.16
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	21.45 1.02 0.00	20.10 0.90 0.00	19.64 0.90 0.00	20.01 0.88 0.00	20.83 0.82 0.00	22.65 1.02 0.00	30.19 1.33 0.00	32.35 1.97 0.00	33.11 1.99 0.00	32.21 1.91 0.00	34.00 2.05 0.00	34.17 2.15 0.00	32.30 2.08 0.00	32.18 2.16 0.00	31.84 2.14 0.00	31.36 2.08 0.00	34.63 2.11 0.00	39.93 2.51 0.00	43.16 2.67 0.00	37.44 2.25 0.00	34.21 2.09 0.00	29.49 1.24 0.00	25.87 1.04 0.00	22.41 1.01 0.00
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	21.45 1.02 0.00	20.10 0.90 0.00	19.64 0.90 0.00	20.01 0.88 0.00	20.81 0.80 0.00	22.63 1.00 0.00	30.19 1.33 0.00	32.32 1.94 0.00	33.08 1.96 0.00	32.21 1.91 0.00	34.00 2.05 0.00	34.14 2.11 0.00	32.27 2.05 0.00	32.18 2.16 0.00	31.84 2.14 0.00	31.36 2.08 0.00	34.60 2.08 0.00	39.93 2.51 0.00	43.16 2.67 0.00	37.44 2.25 0.00	34.21 2.09 0.00	29.49 1.24 0.00	25.87 1.04 0.00	22.41 1.01 0.00
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	21.42 1.00 0.00	20.09 0.88 0.00	19.62 0.88 0.00	19.99 0.86 0.00	20.81 0.80 0.00	22.63 1.00 0.00	30.16 1.30 0.00	32.32 1.94 0.00	33.05 1.93 0.00	32.18 1.88 0.00	33.97 2.01 0.00	34.14 2.11 0.00	32.24 2.02 0.00	32.15 2.13 0.00	31.81 2.11 0.00	31.33 2.05 0.00	34.60 2.08 0.00	39.89 2.47 0.00	43.12 2.63 0.00	37.41 2.22 0.00	34.18 2.06 0.00	29.46 1.21 0.00	25.82 0.99 0.00	22.39 0.98 0.00
FARRAGUT___LBMP 323566	21.42 1.00 0.00	20.09 0.88 0.00	19.62 0.88 0.00	19.99 0.86 0.00	20.79 0.78 0.00	22.61 0.97 0.00	30.13 1.27 0.00	32.29 1.91 0.00	33.05 1.93 0.00	32.15 1.85 0.00	33.93 1.98 0.00	34.11 2.08 0.00	32.24 2.02 0.00	32.12 2.10 0.00	31.78 2.08 0.00	31.31 2.02 0.00	34.57 2.05 0.00	39.86 2.43 0.00	43.08 2.59 0.00	37.37 2.18 0.00	34.15 2.02 0.00	29.44 1.19 0.00	25.82 0.99 0.00	22.39 0.98 0.00
FENNER___WINDPWR 24204	20.83 0.41 0.00	19.57 0.36 0.00	19.10 0.36 0.00	19.48 0.34 0.00	20.45 0.44 0.00	22.15 0.52 0.00	29.35 0.49 0.00	30.68 0.30 0.00	31.28 0.16 0.00	30.36 0.06 0.00	32.05 0.10 0.00	32.00 -0.03 0.00	30.22 0.00 0.00	29.96 -0.06 0.00	29.64 -0.06 0.00	29.23 -0.06 0.00	32.59 0.07 0.00	37.61 0.19 0.00	40.81 0.32 0.00	35.44 0.25 0.00	32.29 0.16 0.00	28.25 0.00 0.00	24.85 0.02 0.00	21.70 0.30 0.00
FIBERTEK___ENERGY 23856	20.42 0.00 0.00	19.20 0.00 0.00	18.72 -0.02 0.00	19.11 -0.02 0.00	20.07 0.06 0.00	21.59 -0.04 0.00	28.52 -0.35 0.00	30.10 -0.27 0.00	30.87 -0.25 0.00	30.00 -0.30 0.00	31.70 -0.26 0.00	31.68 -0.35 0.00	29.88 -0.33 0.00	29.63 -0.39 0.00	29.31 -0.39 0.00	28.87 -0.41 0.00	32.16 -0.36 0.00	37.09 -0.34 0.00	40.12 -0.36 0.00	34.87 -0.32 0.00	31.77 -0.35 0.00	27.88 -0.37 0.00	24.56 -0.27 0.00	21.32 -0.09 0.00
FITZPATRICK___ 23598	19.99 -0.43 0.00	18.80 -0.40 0.00	18.35 -0.39 0.00	18.73 -0.40 0.00	19.63 -0.38 0.00	21.18 -0.46 0.00	27.91 -0.95 0.00	29.40 -0.97 0.00	30.12 -1.00 0.00	29.27 -1.03 0.00	30.90 -1.05 0.00	30.91 -1.12 0.00	29.19 -1.03 0.00	28.94 -1.08 0.00	28.63 -1.07 0.00	28.23 -1.05 0.00	31.41 -1.11 0.00	36.19 -1.23 0.00	39.15 -1.34 0.00	34.03 -1.16 0.00	31.07 -1.06 0.00	27.26 -0.99 0.00	24.03 -0.80 0.00	20.97 -0.43 0.00
FLOWRFLD_69_KV_BK1 356044	21.87 1.45 0.00	20.62 1.42 0.00	20.15 1.41 0.00	20.49 1.36 0.00	21.41 1.40 0.00	23.30 1.67 0.00	31.28 2.19 -0.23	32.89 2.52 0.00	33.98 2.86 0.00	33.98 2.76 -0.92	35.87 2.97 -0.94	37.78 3.14 -2.61	35.67 2.96 -2.49	35.70 3.03 -2.65	37.09 2.97 -4.42	35.90 2.96 -3.65	37.96 3.22 -2.22	43.08 3.85 -1.80	46.02 4.13 -1.40	38.99 3.48 -0.31	35.08 2.96 0.00	30.54 2.09 -0.20	27.41 1.76 -0.82	25.21 1.65 -2.16
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	21.51 1.08 0.00	20.20 1.00 0.00	19.71 0.97 0.00	20.11 0.98 0.00	20.93 0.92 0.00	22.76 1.13 0.00	30.31 1.44 0.00	32.26 1.88 0.00	33.05 1.93 0.00	32.21 1.91 0.00	33.97 2.01 0.00	34.11 2.08 0.00	32.15 1.93 0.00	32.00 1.98 0.00	31.66 1.96 0.00	31.22 1.93 0.00	34.60 2.08 0.00	39.86 2.43 0.00	43.20 2.71 0.00	37.44 2.25 0.00	34.18 2.06 0.00	29.52 1.27 0.00	25.85 1.02 0.00	22.41 1.01 0.00
FORT ORANGE___ 23900	21.26 0.84 0.00	20.01 0.81 0.00	19.51 0.77 0.00	19.94 0.80 0.00	20.79 0.78 0.00	22.50 0.87 0.00	29.96 1.10 0.00	31.74 1.37 0.00	32.52 1.40 0.00	31.67 1.36 0.00	33.26 1.31 0.00	33.44 1.41 0.00	31.46 1.24 0.00	31.31 1.29 0.00	30.98 1.28 0.00	30.54 1.26 0.00	33.85 1.33 0.00	38.96 1.54 0.00	42.19 1.70 0.00	36.67 1.48 0.00	33.44 1.32 0.00	29.15 0.90 0.00	25.57 0.74 0.00	22.11 0.71 0.00
FORT_DRUM_COGEN 23780	20.20 -0.22 0.00	18.95 -0.25 0.00	18.50 -0.24 0.00	18.89 -0.25 0.00	19.85 -0.16 0.00	21.53 -0.11 0.00	28.69 -0.17 0.00	30.22 -0.15 0.00	30.84 -0.28 0.00	29.88 -0.42 0.00	31.54 -0.42 0.00	31.45 -0.58 0.00	29.64 -0.57 0.00	29.39 -0.63 0.00	29.14 -0.56 0.00	28.73 -0.56 0.00	32.13 -0.39 0.00	37.28 -0.15 0.00	40.49 0.00 0.00	35.36 0.18 0.00	32.41 0.29 0.00	28.36 0.11 0.00	24.90 0.07 0.00	21.44 0.04 0.00
FOX_HILLS___ESR 323835	21.68 1.25 -0.01	20.28 1.08 0.00	19.81 1.07 0.00	20.15 1.01 0.00	20.93 0.92 0.00	22.63 1.00 0.00	30.16 1.30 0.00	32.41 2.04 0.00	33.28 2.15 -0.01	32.36 2.06 0.00	34.25 2.27 -0.03	34.41 2.34 -0.04	32.46 2.24 -0.01	32.37 2.34 -0.01	32.03 2.32 -0.01	31.55 2.25 -0.01	34.87 2.31 -0.04	40.21 2.73 -0.06	43.82 2.92 -0.41	38.07 2.46 -0.42	34.42 2.28 -0.01	29.62 1.36 -0.01	25.98 1.14 -0.01	22.58 1.18 0.00
FPL_FAR_ROCK_GT1 24212	21.92 1.49 -0.01	20.59 1.38 0.00	20.11 1.37 0.00	20.47 1.34 0.00	21.34 1.32 -0.01	23.15 1.51 -0.01	31.17 2.08 -0.23	33.05 2.67 0.00	33.90 2.77 -0.01	33.92 2.70 -0.92	35.77 2.88 -0.94	37.46 2.82 -2.61	35.40 2.69 -2.49	35.40 2.73 -2.65	36.83 2.70 -4.42	35.57 2.64 -3.65	37.46 2.76 -2.17	42.43 3.25 -1.75	45.40 3.56 -1.35	38.51 3.06 -0.26	35.02 2.89 0.00	30.49 2.04 -0.20	27.37 1.71 -0.83	25.05 1.48 -2.17
FPL_FAR_ROCK_GT2 23815	21.92 1.49 -0.01	20.59 1.38 0.00	20.11 1.37 0.00	20.47 1.34 0.00	21.34 1.32 -0.01	23.15 1.51 -0.01	31.17 2.08 -0.23	33.05 2.67 0.00	33.90 2.77 -0.01	33.92 2.70 -0.92	35.77 2.88 -0.94	37.46 2.82 -2.61	35.40 2.69 -2.49	35.40 2.73 -2.65	36.83 2.70 -4.42	35.57 2.64 -3.65	37.46 2.76 -2.17	42.43 3.25 -1.75	45.40 3.56 -1.35	38.51 3.06 -0.26	35.02 2.89 0.00	30.49 2.04 -0.20	27.37 1.71 -0.83	25.05 1.48 -2.17

FRANKLIN_FALL_HYD 24054	19.97 -0.45 0.00	18.76 -0.44 0.00	18.37 -0.37 0.00	18.81 -0.33 0.00	19.69 -0.32 0.00	21.40 -0.24 0.00	28.78 -0.09 0.00	30.16 -0.21 0.00	31.03 -0.09 0.00	30.42 0.12 0.00	32.21 0.26 0.00	32.25 0.22 0.00	30.40 0.18 0.00	30.17 0.15 0.00	29.88 0.18 0.00	29.43 0.15 0.00	32.62 0.10 0.00	37.24 -0.19 0.00	40.21 -0.28 0.00	35.33 0.14 0.00	32.35 0.22 0.00	28.98 0.73 0.00	25.42 0.60 0.00	21.62 0.21 0.00
FREEPORT_EQUS_GT1 23764	21.82 1.39 0.00	20.49 1.29 0.00	20.03 1.29 0.00	20.38 1.24 0.00	21.23 1.22 0.00	23.07 1.43 0.00	31.06 1.96 -0.23	32.86 2.49 0.00	33.74 2.61 0.00	33.77 2.55 -0.92	35.65 2.75 -0.94	37.46 2.82 -2.61	35.40 2.69 -2.49	35.43 2.76 -2.65	36.85 2.73 -4.42	35.60 2.66 -3.65	37.49 2.80 -2.17	42.50 3.33 -1.75	45.49 3.65 -1.35	38.58 3.13 -0.26	34.89 2.76 0.00	30.38 1.92 -0.20	27.26 1.61 -0.82	24.96 1.39 -2.17
FREEPORT___CT2 23818	21.82 1.39 0.00	20.49 1.29 0.00	20.03 1.29 0.00	20.38 1.24 0.00	21.23 1.22 0.00	23.07 1.43 0.00	31.06 1.96 -0.23	32.86 2.49 0.00	33.74 2.61 0.00	33.77 2.55 -0.92	35.65 2.75 -0.94	37.46 2.82 -2.61	35.40 2.69 -2.49	35.43 2.76 -2.65	36.85 2.73 -4.42	35.60 2.66 -3.65	37.49 2.80 -2.17	42.50 3.33 -1.75	45.49 3.65 -1.35	38.58 3.13 -0.26	34.89 2.76 0.00	30.38 1.92 -0.20	27.26 1.61 -0.82	24.96 1.39 -2.17
FRESHKLS_33_KV_LOAD 356253	21.72 1.29 -0.01	20.30 1.09 0.00	19.83 1.09 0.00	20.13 0.99 0.00	20.89 0.88 0.00	22.52 0.89 0.00	30.02 1.15 0.00	32.26 1.88 0.00	33.13 2.02 0.01	32.21 1.91 0.00	33.98 2.14 0.12	34.06 2.24 0.21	32.35 2.15 0.01	32.26 2.25 0.01	31.89 2.20 0.01	31.41 2.14 0.01	34.54 2.24 0.23	35.48 2.62 4.56	40.56 2.75 2.68	34.84 2.36 2.70	34.33 2.22 0.01	29.48 1.24 0.01	25.86 1.04 0.01	22.49 1.09 0.00
FULTON COGEN____ 23766	20.18 -0.25 0.00	18.97 -0.23 0.00	18.52 -0.22 0.00	18.89 -0.25 0.00	19.83 -0.18 0.00	21.31 -0.32 0.00	28.17 -0.69 0.00	29.74 -0.64 0.00	30.44 -0.68 0.00	29.58 -0.73 0.00	31.25 -0.70 0.00	31.23 -0.80 0.00	29.46 -0.76 0.00	29.21 -0.81 0.00	28.90 -0.80 0.00	28.44 -0.85 0.00	31.71 -0.81 0.00	36.53 -0.90 0.00	39.56 -0.93 0.00	34.38 -0.81 0.00	31.35 -0.77 0.00	27.54 -0.71 0.00	24.26 -0.57 0.00	21.06 -0.34 0.00
FULTON___LFGE 323630	22.16 1.74 0.00	20.78 1.57 0.00	20.28 1.54 0.00	20.74 1.61 0.00	21.79 1.78 0.00	23.71 2.08 0.00	31.49 2.63 0.00	33.23 2.85 0.00	33.89 2.77 0.00	32.76 2.45 0.00	34.57 2.62 0.00	34.69 2.66 0.00	32.64 2.42 0.00	32.30 2.28 0.00	31.90 2.20 0.00	31.48 2.20 0.00	35.15 2.63 0.00	40.79 3.37 0.00	44.54 4.05 0.00	38.74 3.55 0.00	35.21 3.08 0.00	30.74 2.49 0.00	26.99 2.16 0.00	23.31 1.90 0.00
G.F.CEMENT___DRP 24184	21.26 0.84 0.00	19.97 0.77 0.00	19.49 0.75 0.00	19.92 0.78 0.00	20.81 0.80 0.00	22.67 1.04 0.00	30.13 1.27 0.00	31.89 1.52 0.00	32.71 1.59 0.00	31.82 1.52 0.00	33.55 1.60 0.00	33.69 1.67 0.00	31.67 1.45 0.00	31.43 1.41 0.00	31.04 1.34 0.00	30.57 1.29 0.00	33.98 1.46 0.00	39.11 1.68 0.00	42.43 1.94 0.00	36.88 1.69 0.00	33.60 1.48 0.00	29.29 1.05 0.00	25.70 0.87 0.00	22.28 0.88 0.00
GARDENVILLE___LBMP 24039	18.81 -1.61 0.00	17.65 -1.56 0.00	17.20 -1.54 0.00	17.58 -1.55 0.00	18.81 -1.20 0.00	20.25 -1.38 0.00	25.92 -2.94 0.00	27.15 -3.22 0.00	27.95 -3.17 0.00	27.03 -3.27 0.00	28.50 -3.45 0.00	28.41 -3.62 0.00	27.16 -3.05 0.00	26.60 -3.42 0.00	26.37 -3.33 0.00	25.98 -3.31 0.00	29.01 -3.51 0.00	33.23 -4.19 0.00	36.12 -4.37 0.00	31.39 -3.80 0.00	28.78 -3.34 0.00	25.31 -2.94 0.00	22.79 -2.04 0.00	20.48 -0.92 0.00
GARDNVLA_35_KV_LD 355827	18.91 -1.51 0.00	17.74 -1.46 0.00	17.30 -1.44 0.00	17.68 -1.45 0.00	18.91 -1.10 0.00	20.34 -1.30 0.00	26.06 -2.80 0.00	27.28 -3.10 0.00	28.07 -3.05 0.00	27.15 -3.15 0.00	28.63 -3.32 0.00	28.54 -3.49 0.00	27.32 -2.90 0.00	26.72 -3.30 0.00	26.49 -3.21 0.00	26.09 -3.19 0.00	29.14 -3.38 0.00	33.38 -4.04 0.00	36.24 -4.25 0.00	31.56 -3.62 0.00	28.91 -3.21 0.00	25.42 -2.82 0.00	22.92 -1.91 0.00	20.59 -0.81 0.00
GELCKHM___115KV_LOAD 80723	20.28 -0.14 0.00	19.07 -0.13 0.00	18.59 -0.15 0.00	18.98 -0.15 0.00	19.93 -0.08 0.00	21.42 -0.22 0.00	28.29 -0.58 0.00	29.86 -0.52 0.00	30.59 -0.53 0.00	29.73 -0.58 0.00	31.41 -0.54 0.00	31.39 -0.64 0.00	29.64 -0.57 0.00	29.36 -0.66 0.00	29.08 -0.62 0.00	28.64 -0.64 0.00	31.90 -0.62 0.00	36.79 -0.64 0.00	39.80 -0.69 0.00	34.59 -0.60 0.00	31.51 -0.61 0.00	27.66 -0.59 0.00	24.38 -0.45 0.00	21.17 -0.24 0.00
GENERAL___MILLS 23808	18.87 -1.55 0.00	17.70 -1.50 0.00	17.26 -1.48 0.00	17.64 -1.49 0.00	18.87 -1.14 0.00	20.32 -1.32 0.00	26.01 -2.86 0.00	27.21 -3.16 0.00	28.01 -3.11 0.00	27.09 -3.21 0.00	28.57 -3.39 0.00	28.47 -3.56 0.00	27.26 -2.96 0.00	26.66 -3.36 0.00	26.43 -3.27 0.00	26.03 -3.25 0.00	29.07 -3.45 0.00	33.31 -4.12 0.00	36.20 -4.29 0.00	31.49 -3.69 0.00	28.85 -3.28 0.00	25.40 -2.85 0.00	22.87 -1.96 0.00	20.55 -0.86 0.00
GE_PLASTICS___DRP 24183	21.08 0.65 0.00	19.84 0.63 0.00	19.36 0.62 0.00	19.77 0.63 0.00	20.63 0.62 0.00	22.39 0.76 0.00	29.73 0.87 0.00	31.47 1.09 0.00	32.24 1.12 0.00	31.39 1.09 0.00	33.04 1.09 0.00	33.18 1.15 0.00	31.24 1.03 0.00	31.07 1.05 0.00	30.74 1.04 0.00	30.31 1.02 0.00	33.59 1.07 0.00	38.66 1.24 0.00	41.82 1.34 0.00	36.35 1.16 0.00	33.18 1.06 0.00	28.93 0.68 0.00	25.40 0.57 0.00	22.04 0.64 0.00
GILBOA___1 23756	20.95 0.53 0.00	19.70 0.50 0.00	19.23 0.49 0.00	19.61 0.48 0.00	20.49 0.48 0.00	22.13 0.50 0.00	29.47 0.61 0.00	31.28 0.91 0.00	32.02 0.90 0.00	31.18 0.88 0.00	32.85 0.89 0.00	32.96 0.93 0.00	31.09 0.88 0.00	30.92 0.90 0.00	30.59 0.89 0.00	30.16 0.88 0.00	33.43 0.91 0.00	38.51 1.09 0.00	41.66 1.17 0.00	36.21 1.02 0.00	33.02 0.90 0.00	28.76 0.51 0.00	25.25 0.42 0.00	21.81 0.41 0.00
GILBOA___2 23757	20.95 0.53 0.00	19.70 0.50 0.00	19.23 0.49 0.00	19.61 0.48 0.00	20.49 0.48 0.00	22.13 0.50 0.00	29.47 0.61 0.00	31.28 0.91 0.00	32.02 0.90 0.00	31.18 0.88 0.00	32.85 0.89 0.00	32.96 0.93 0.00	31.09 0.88 0.00	30.92 0.90 0.00	30.59 0.89 0.00	30.16 0.88 0.00	33.43 0.91 0.00	38.51 1.09 0.00	41.66 1.17 0.00	36.21 1.02 0.00	33.02 0.90 0.00	28.76 0.51 0.00	25.25 0.42 0.00	21.81 0.41 0.00
GILBOA___3 23758	20.95 0.53 0.00	19.70 0.50 0.00	19.23 0.49 0.00	19.61 0.48 0.00	20.49 0.48 0.00	22.13 0.50 0.00	29.47 0.61 0.00	31.28 0.91 0.00	32.02 0.90 0.00	31.18 0.88 0.00	32.85 0.89 0.00	32.96 0.93 0.00	31.09 0.88 0.00	30.92 0.90 0.00	30.59 0.89 0.00	30.16 0.88 0.00	33.43 0.91 0.00	38.51 1.09 0.00	41.66 1.17 0.00	36.21 1.02 0.00	33.02 0.90 0.00	28.76 0.51 0.00	25.25 0.42 0.00	21.81 0.41 0.00

GILBOA___4 23759	20.95 0.53 0.00	19.70 0.50 0.00	19.23 0.49 0.00	19.61 0.48 0.00	20.49 0.48 0.00	22.13 0.50 0.00	29.47 0.61 0.00	31.28 0.91 0.00	32.02 0.90 0.00	31.18 0.88 0.00	32.85 0.89 0.00	32.96 0.93 0.00	31.09 0.88 0.00	30.92 0.90 0.00	30.59 0.89 0.00	30.16 0.88 0.00	33.43 0.91 0.00	38.51 1.09 0.00	41.66 1.17 0.00	36.21 1.02 0.00	33.02 0.90 0.00	28.76 0.51 0.00	25.25 0.42 0.00	21.81 0.41 0.00
GILBOA____ 23599	20.96 0.53 0.00	19.70 0.50 0.00	19.23 0.49 0.00	19.61 0.48 0.00	20.49 0.48 0.00	22.20 0.56 0.00	29.50 0.63 0.00	31.25 0.88 0.00	32.02 0.90 0.00	31.18 0.88 0.00	32.85 0.89 0.00	32.96 0.93 0.00	31.09 0.88 0.00	30.92 0.90 0.00	30.59 0.89 0.00	30.16 0.88 0.00	33.43 0.91 0.00	38.51 1.09 0.00	41.66 1.17 0.00	36.17 0.99 0.00	33.02 0.90 0.00	28.76 0.51 0.00	25.25 0.42 0.00	21.89 0.49 0.00
GINNA____ 23603	18.69 -1.74 0.00	17.59 -1.61 0.00	17.15 -1.59 0.00	17.49 -1.65 0.00	18.45 -1.56 0.00	19.97 -1.67 0.00	26.04 -2.83 0.00	27.43 -2.95 0.00	28.23 -2.89 0.00	27.33 -2.97 0.00	28.85 -3.10 0.00	28.83 -3.20 0.00	27.29 -2.93 0.00	26.90 -3.12 0.00	26.64 -3.06 0.00	26.27 -3.02 0.00	29.24 -3.28 0.00	33.68 -3.74 0.00	36.60 -3.89 0.00	31.81 -3.38 0.00	29.07 -3.05 0.00	25.45 -2.80 0.00	22.49 -2.33 0.00	19.84 -1.56 0.00
GLEN PARK____ 23778	20.26 -0.16 0.00	18.99 -0.21 0.00	18.55 -0.19 0.00	18.94 -0.19 0.00	19.91 -0.10 0.00	21.64 0.00 0.00	28.80 -0.06 0.00	30.31 -0.06 0.00	30.90 -0.22 0.00	29.91 -0.39 0.00	31.54 -0.42 0.00	31.45 -0.58 0.00	29.61 -0.60 0.00	29.36 -0.66 0.00	29.11 -0.59 0.00	28.70 -0.59 0.00	32.16 -0.36 0.00	37.35 -0.07 0.00	40.61 0.12 0.00	35.47 0.28 0.00	32.51 0.39 0.00	28.42 0.17 0.00	24.95 0.12 0.00	21.55 0.15 0.00
GLENDALE_27_KV_LOAD 356172	21.61 1.18 0.00	20.24 1.04 0.00	19.79 1.05 0.00	20.13 0.99 0.00	20.93 0.92 0.00	22.70 1.06 0.00	30.22 1.36 0.00	32.44 2.07 0.00	33.24 2.12 0.00	32.36 2.06 0.00	34.19 2.24 0.00	34.33 2.31 0.00	32.45 2.24 0.00	32.36 2.34 0.00	31.99 2.29 0.00	31.51 2.23 0.00	34.80 2.28 0.00	40.16 2.73 0.00	43.40 2.92 0.00	37.65 2.46 0.00	34.37 2.25 0.00	29.58 1.33 0.00	25.97 1.14 0.00	22.54 1.13 0.00
GLENWOOD_IC_1_G5 23712	21.85 1.43 0.00	20.53 1.32 0.00	20.03 1.29 0.00	20.40 1.26 0.00	21.29 1.28 0.00	23.19 1.56 0.00	31.14 2.05 -0.23	32.92 2.55 0.00	33.83 2.71 0.00	33.89 2.67 -0.92	35.61 2.72 -0.94	37.33 2.69 -2.61	35.31 2.60 -2.49	35.43 2.76 -2.65	36.86 2.73 -4.42	35.60 2.66 -3.65	37.36 2.67 -2.17	42.35 3.18 -1.75	45.28 3.44 -1.35	38.34 2.89 -0.26	34.95 2.83 0.00	30.40 1.95 -0.20	27.29 1.64 -0.82	25.11 1.54 -2.16
GLENWOOD_IC_2_G1 23688	21.79 1.37 0.00	20.47 1.27 0.00	20.00 1.26 0.00	20.36 1.23 0.00	21.21 1.20 0.00	23.02 1.39 0.00	31.02 1.93 -0.23	32.86 2.49 0.00	33.74 2.61 0.00	33.80 2.57 -0.92	35.68 2.78 -0.94	37.46 2.82 -2.61	35.46 2.75 -2.49	35.46 2.79 -2.65	36.85 2.73 -4.42	35.63 2.69 -3.65	37.49 2.80 -2.17	42.43 3.25 -1.75	45.36 3.52 -1.35	38.48 3.03 -0.26	34.89 2.76 0.00	30.35 1.89 -0.20	27.22 1.57 -0.82	24.91 1.35 -2.16
GLENWOOD_IC_3_G1 23689	21.79 1.37 0.00	20.47 1.27 0.00	20.00 1.26 0.00	20.36 1.23 0.00	21.21 1.20 0.00	23.02 1.39 0.00	31.02 1.93 -0.23	32.86 2.49 0.00	33.74 2.61 0.00	33.80 2.57 -0.92	35.68 2.78 -0.94	37.46 2.82 -2.61	35.46 2.75 -2.49	35.46 2.79 -2.65	36.85 2.73 -4.42	35.63 2.69 -3.65	37.49 2.80 -2.17	42.43 3.25 -1.75	45.36 3.52 -1.35	38.48 3.03 -0.26	34.89 2.76 0.00	30.35 1.89 -0.20	27.22 1.57 -0.82	24.91 1.35 -2.16
GLENWOOD___4 23550	21.85 1.43 0.00	20.53 1.32 0.00	20.03 1.29 0.00	20.40 1.26 0.00	21.29 1.28 0.00	23.19 1.56 0.00	31.14 2.05 -0.23	32.92 2.55 0.00	33.83 2.71 0.00	33.89 2.67 -0.92	35.65 2.75 -0.94	37.43 2.79 -2.61	35.37 2.66 -2.49	35.46 2.79 -2.65	36.89 2.76 -4.42	35.63 2.69 -3.65	37.46 2.76 -2.17	42.43 3.26 -1.75	45.40 3.56 -1.35	38.44 2.99 -0.26	34.95 2.83 0.00	30.40 1.95 -0.20	27.29 1.64 -0.82	25.11 1.54 -2.16
GLENWOOD___5 23614	21.85 1.43 0.00	20.53 1.32 0.00	20.03 1.29 0.00	20.40 1.26 0.00	21.29 1.28 0.00	23.19 1.56 0.00	31.14 2.05 -0.23	32.92 2.55 0.00	33.83 2.71 0.00	33.89 2.67 -0.92	35.65 2.75 -0.94	37.43 2.79 -2.61	35.37 2.66 -2.49	35.46 2.79 -2.65	36.89 2.76 -4.42	35.63 2.69 -3.65	37.46 2.76 -2.17	42.43 3.26 -1.75	45.40 3.56 -1.35	38.44 2.99 -0.26	34.95 2.83 0.00	30.40 1.95 -0.20	27.29 1.64 -0.82	25.11 1.54 -2.16
GLOBAL GREEN_PORT_GT1 23814	22.37 1.94 0.00	21.14 1.94 0.00	20.67 1.93 0.00	21.01 1.88 0.00	21.83 1.82 0.00	23.84 2.21 0.00	32.12 3.03 -0.23	33.71 3.34 0.00	34.92 3.80 0.00	34.89 3.67 -0.92	36.76 3.86 -0.94	38.68 4.04 -2.61	36.43 3.72 -2.49	36.51 3.84 -2.65	37.81 3.68 -4.42	36.57 3.63 -3.65	38.73 4.00 -2.21	43.94 4.72 -1.80	46.82 4.94 -1.39	39.82 4.33 -0.31	35.72 3.60 0.00	31.17 2.71 -0.20	27.89 2.24 -0.82	25.53 1.97 -2.16
GLOBE___DSASP 323697	18.24 -2.19 0.00	17.13 -2.07 0.00	16.68 -2.06 0.00	16.97 -2.16 0.00	18.15 -1.86 0.00	19.58 -2.06 0.00	24.88 -3.98 0.00	26.00 -4.37 0.00	26.76 -4.36 0.00	25.88 -4.42 0.00	27.22 -4.73 0.00	27.13 -4.90 0.00	25.96 -4.26 0.00	25.37 -4.65 0.00	25.19 -4.51 0.00	24.77 -4.51 0.00	27.68 -4.85 0.00	31.62 -5.80 0.00	34.29 -6.19 0.00	29.91 -5.28 0.00	27.47 -4.66 0.00	24.21 -4.04 0.00	21.85 -2.98 0.00	19.65 -1.75 0.00
GOETHSLN___LBMP 323567	21.30 0.88 0.00	19.97 0.77 0.00	19.51 0.77 0.00	19.88 0.75 0.00	20.69 0.68 0.00	22.50 0.87 0.00	29.99 1.13 0.00	32.14 1.76 0.00	32.86 1.74 0.00	32.00 1.70 0.00	33.63 1.79 0.11	33.68 1.86 0.21	32.06 1.84 0.00	31.97 1.95 0.00	31.63 1.93 0.00	31.16 1.87 0.00	34.16 1.85 0.22	35.08 2.21 4.55	40.16 2.35 2.67	34.46 1.97 2.70	33.95 1.83 0.00	29.29 1.05 0.00	25.70 0.87 0.00	22.26 0.86 0.00
GOLAH___69_KV_TB 1_2 80279	19.46 -0.96 0.00	18.24 -0.96 0.00	17.77 -0.97 0.00	18.16 -0.98 0.00	19.25 -0.76 0.00	20.75 -0.89 0.00	26.87 -1.99 0.00	28.31 -2.07 0.00	29.10 -2.02 0.00	28.12 -2.18 0.00	29.65 -2.30 0.00	29.63 -2.40 0.00	28.13 -2.08 0.00	27.65 -2.37 0.00	27.38 -2.32 0.00	27.00 -2.28 0.00	30.08 -2.44 0.00	34.51 -2.92 0.00	37.53 -2.96 0.00	32.73 -2.46 0.00	29.94 -2.18 0.00	26.36 -1.89 0.00	23.46 -1.37 0.00	20.74 -0.66 0.00
GOODYEAR_LAKE_HYD 323669	21.18 0.76 0.00	19.87 0.67 0.00	19.38 0.64 0.00	19.78 0.65 0.00	20.73 0.72 0.00	22.50 0.87 0.00	29.87 1.01 0.00	31.65 1.28 0.00	32.40 1.28 0.00	31.48 1.18 0.00	33.20 1.25 0.00	33.21 1.19 0.00	31.33 1.12 0.00	31.10 1.08 0.00	30.77 1.07 0.00	30.34 1.05 0.00	33.76 1.24 0.00	38.92 1.50 0.00	42.23 1.74 0.00	36.63 1.44 0.00	33.41 1.28 0.00	29.13 0.88 0.00	25.60 0.77 0.00	22.19 0.79 0.00

GOUDEY___7 345031	20.63 0.20 0.00	19.37 0.17 0.00	18.89 0.15 0.00	19.29 0.15 0.00	20.29 0.28 0.00	21.94 0.30 0.00	28.98 0.12 0.00	30.59 0.21 0.00	31.37 0.25 0.00	30.45 0.15 0.00	32.18 0.22 0.00	32.12 0.10 0.00	30.37 0.15 0.00	30.08 0.06 0.00	29.76 0.06 0.00	29.34 0.06 0.00	32.72 0.20 0.00	37.76 0.34 0.00	40.93 0.45 0.00	35.50 0.32 0.00	32.38 0.26 0.00	28.33 0.08 0.00	24.98 0.15 0.00	21.79 0.39 0.00
GOUDEY___7 23579	20.63 0.20 0.00	19.39 0.19 0.00	18.91 0.17 0.00	19.31 0.17 0.00	20.31 0.30 0.00	21.94 0.30 0.00	28.98 0.12 0.00	30.62 0.24 0.00	31.40 0.28 0.00	30.48 0.18 0.00	32.21 0.26 0.00	32.16 0.13 0.00	30.40 0.18 0.00	30.11 0.09 0.00	29.79 0.09 0.00	29.37 0.09 0.00	32.75 0.23 0.00	37.80 0.37 0.00	40.97 0.49 0.00	35.54 0.35 0.00	32.41 0.29 0.00	28.36 0.11 0.00	25.00 0.17 0.00	21.81 0.41 0.00
GOUDEY___8 23580	20.63 0.20 0.00	19.37 0.17 0.00	18.89 0.15 0.00	19.29 0.15 0.00	20.29 0.28 0.00	21.94 0.30 0.00	28.98 0.12 0.00	30.59 0.21 0.00	31.37 0.25 0.00	30.45 0.15 0.00	32.18 0.22 0.00	32.12 0.10 0.00	30.37 0.15 0.00	30.08 0.06 0.00	29.76 0.06 0.00	29.34 0.06 0.00	32.72 0.20 0.00	37.76 0.34 0.00	40.93 0.45 0.00	35.50 0.32 0.00	32.38 0.26 0.00	28.33 0.08 0.00	24.98 0.15 0.00	21.79 0.39 0.00
GOWANUS_GT1_1 24077	21.68 1.25 -0.01	20.28 1.08 0.00	19.83 1.09 0.00	20.17 1.03 0.00	20.95 0.94 0.00	22.70 1.06 0.00	30.22 1.36 0.00	32.47 2.10 0.00	33.34 2.21 -0.01	32.42 2.12 0.00	34.28 2.30 -0.03	34.44 2.37 -0.04	32.52 2.30 -0.01	32.43 2.40 -0.01	32.06 2.35 -0.01	31.61 2.31 -0.01	34.91 2.34 -0.04	40.29 2.81 -0.06	43.90 3.00 -0.41	38.14 2.53 -0.42	34.45 2.31 -0.01	29.67 1.41 -0.01	26.03 1.19 -0.01	22.60 1.20 0.00
GOWANUS_GT1_2 24078	21.68 1.25 -0.01	20.28 1.08 0.00	19.83 1.09 0.00	20.17 1.03 0.00	20.95 0.94 0.00	22.70 1.06 0.00	30.22 1.36 0.00	32.47 2.10 0.00	33.34 2.21 -0.01	32.42 2.12 0.00	34.28 2.30 -0.03	34.44 2.37 -0.04	32.52 2.30 -0.01	32.43 2.40 -0.01	32.06 2.35 -0.01	31.61 2.31 -0.01	34.91 2.34 -0.04	40.29 2.81 -0.06	43.90 3.00 -0.41	38.14 2.53 -0.42	34.45 2.31 -0.01	29.67 1.41 -0.01	26.03 1.19 -0.01	22.60 1.20 0.00
GOWANUS_GT1_3 24079	21.68 1.25 -0.01	20.28 1.08 0.00	19.83 1.09 0.00	20.17 1.03 0.00	20.95 0.94 0.00	22.70 1.06 0.00	30.22 1.36 0.00	32.47 2.10 0.00	33.34 2.21 -0.01	32.42 2.12 0.00	34.28 2.30 -0.03	34.44 2.37 -0.04	32.52 2.30 -0.01	32.43 2.40 -0.01	32.06 2.35 -0.01	31.61 2.31 -0.01	34.91 2.34 -0.04	40.29 2.81 -0.06	43.90 3.00 -0.41	38.14 2.53 -0.42	34.45 2.31 -0.01	29.67 1.41 -0.01	26.03 1.19 -0.01	22.60 1.20 0.00
GOWANUS_GT1_4 24080	21.68 1.25 -0.01	20.28 1.08 0.00	19.83 1.09 0.00	20.17 1.03 0.00	20.95 0.94 0.00	22.70 1.06 0.00	30.22 1.36 0.00	32.47 2.10 0.00	33.34 2.21 -0.01	32.42 2.12 0.00	34.28 2.30 -0.03	34.44 2.37 -0.04	32.52 2.30 -0.01	32.43 2.40 -0.01	32.06 2.35 -0.01	31.61 2.31 -0.01	34.91 2.34 -0.04	40.29 2.81 -0.06	43.90 3.00 -0.41	38.14 2.53 -0.42	34.45 2.31 -0.01	29.67 1.41 -0.01	26.03 1.19 -0.01	22.60 1.20 0.00
GOWANUS_GT1_5 24084	21.68 1.25 -0.01	20.28 1.08 0.00	19.83 1.09 0.00	20.17 1.03 0.00	20.95 0.94 0.00	22.70 1.06 0.00	30.22 1.36 0.00	32.47 2.10 0.00	33.34 2.21 -0.01	32.42 2.12 0.00	34.28 2.30 -0.03	34.44 2.37 -0.04	32.52 2.30 -0.01	32.43 2.40 -0.01	32.06 2.35 -0.01	31.61 2.31 -0.01	34.91 2.34 -0.04	40.29 2.81 -0.06	43.90 3.00 -0.41	38.14 2.53 -0.42	34.45 2.31 -0.01	29.67 1.41 -0.01	26.03 1.19 -0.01	22.60 1.20 0.00
GOWANUS_GT1_6 24111	21.68 1.25 -0.01	20.28 1.08 0.00	19.83 1.09 0.00	20.17 1.03 0.00	20.95 0.94 0.00	22.70 1.06 0.00	30.22 1.36 0.00	32.47 2.10 0.00	33.34 2.21 -0.01	32.42 2.12 0.00	34.28 2.30 -0.03	34.44 2.37 -0.04	32.52 2.30 -0.01	32.43 2.40 -0.01	32.06 2.35 -0.01	31.61 2.31 -0.01	34.91 2.34 -0.04	40.29 2.81 -0.06	43.90 3.00 -0.41	38.14 2.53 -0.42	34.45 2.31 -0.01	29.67 1.41 -0.01	26.03 1.19 -0.01	22.60 1.20 0.00
GOWANUS_GT1_7 24112	21.68 1.25 -0.01	20.28 1.08 0.00	19.83 1.09 0.00	20.17 1.03 0.00	20.95 0.94 0.00	22.70 1.06 0.00	30.22 1.36 0.00	32.47 2.10 0.00	33.34 2.21 -0.01	32.42 2.12 0.00	34.28 2.30 -0.03	34.44 2.37 -0.04	32.52 2.30 -0.01	32.43 2.40 -0.01	32.06 2.35 -0.01	31.61 2.31 -0.01	34.91 2.34 -0.04	40.29 2.81 -0.06	43.90 3.00 -0.41	38.14 2.53 -0.42	34.45 2.31 -0.01	29.67 1.41 -0.01	26.03 1.19 -0.01	22.60 1.20 0.00
GOWANUS_GT1_8 24113	21.68 1.25 -0.01	20.28 1.08 0.00	19.83 1.09 0.00	20.17 1.03 0.00	20.95 0.94 0.00	22.70 1.06 0.00	30.22 1.36 0.00	32.47 2.10 0.00	33.34 2.21 -0.01	32.42 2.12 0.00	34.28 2.30 -0.03	34.44 2.37 -0.04	32.52 2.30 -0.01	32.43 2.40 -0.01	32.06 2.35 -0.01	31.61 2.31 -0.01	34.91 2.34 -0.04	40.29 2.81 -0.06	43.90 3.00 -0.41	38.14 2.53 -0.42	34.45 2.31 -0.01	29.67 1.41 -0.01	26.03 1.19 -0.01	22.60 1.20 0.00
GOWANUS_GT2_1 24114	21.68 1.25 -0.01	20.26 1.06 0.00	19.83 1.09 0.00	20.17 1.03 0.00	20.97 0.96 0.00	22.59 0.95 0.00	30.19 1.33 0.00	32.50 2.13 0.00	33.31 2.18 -0.01	32.39 2.09 0.00	34.28 2.30 -0.03	34.44 2.37 -0.04	32.52 2.30 -0.01	32.44 2.40 -0.01	32.06 2.35 -0.01	31.61 2.31 -0.01	34.91 2.34 -0.04	40.25 2.77 -0.06	43.86 2.95 -0.41	38.17 2.57 -0.42	34.42 2.28 -0.01	29.67 1.41 -0.01	26.03 1.19 -0.01	22.45 1.05 0.00
GOWANUS_GT2_2 24115	21.68 1.25 -0.01	20.26 1.06 0.00	19.83 1.09 0.00	20.17 1.03 0.00	20.97 0.96 0.00	22.59 0.95 0.00	30.19 1.33 0.00	32.50 2.13 0.00	33.31 2.18 -0.01	32.39 2.09 0.00	34.28 2.30 -0.03	34.44 2.37 -0.04	32.52 2.30 -0.01	32.44 2.40 -0.01	32.06 2.35 -0.01	31.61 2.31 -0.01	34.91 2.34 -0.04	40.25 2.77 -0.06	43.86 2.95 -0.41	38.17 2.57 -0.42	34.42 2.28 -0.01	29.67 1.41 -0.01	26.03 1.19 -0.01	22.45 1.05 0.00
GOWANUS_GT2_3 24116	21.68 1.25 -0.01	20.26 1.06 0.00	19.83 1.09 0.00	20.17 1.03 0.00	20.97 0.96 0.00	22.59 0.95 0.00	30.19 1.33 0.00	32.50 2.13 0.00	33.31 2.18 -0.01	32.39 2.09 0.00	34.28 2.30 -0.03	34.44 2.37 -0.04	32.52 2.30 -0.01	32.44 2.40 -0.01	32.06 2.35 -0.01	31.61 2.31 -0.01	34.91 2.34 -0.04	40.25 2.77 -0.06	43.86 2.95 -0.41	38.17 2.57 -0.42	34.42 2.28 -0.01	29.67 1.41 -0.01	26.03 1.19 -0.01	22.45 1.05 0.00
GOWANUS_GT2_4 24117	21.68 1.25 -0.01	20.26 1.06 0.00	19.83 1.09 0.00	20.17 1.03 0.00	20.97 0.96 0.00	22.59 0.95 0.00	30.19 1.33 0.00	32.50 2.13 0.00	33.31 2.18 -0.01	32.39 2.09 0.00	34.28 2.30 -0.03	34.44 2.37 -0.04	32.52 2.30 -0.01	32.44 2.40 -0.01	32.06 2.35 -0.01	31.61 2.31 -0.01	34.91 2.34 -0.04	40.25 2.77 -0.06	43.86 2.95 -0.41	38.17 2.57 -0.42	34.42 2.28 -0.01	29.67 1.41 -0.01	26.03 1.19 -0.01	22.45 1.05 0.00

GOWANUS_GT2_5 24118	21.68 <u>1.25</u> -0.01	20.26 <u>1.06</u> 0.00	19.83 <u>1.09</u> 0.00	20.17 <u>1.03</u> 0.00	20.97 <u>0.96</u> 0.00	22.59 <u>0.95</u> 0.00	30.19 <u>1.33</u> 0.00	32.50 <u>2.13</u> 0.00	33.31 <u>2.18</u> -0.01	32.39 <u>2.09</u> 0.00	34.28 <u>2.30</u> -0.03	34.44 <u>2.37</u> -0.04	32.52 <u>2.30</u> -0.01	32.44 <u>2.40</u> -0.01	32.06 <u>2.35</u> -0.01	31.61 <u>2.31</u> -0.01	34.91 <u>2.34</u> -0.04	40.25 <u>2.77</u> -0.06	43.86 <u>2.95</u> -0.41	38.17 <u>2.57</u> -0.42	34.42 <u>2.28</u> -0.01	29.67 <u>1.41</u> -0.01	26.03 <u>1.19</u> -0.01	22.45 <u>1.05</u> 0.00
GOWANUS_GT2_6 24119	21.68 <u>1.25</u> -0.01	20.26 <u>1.06</u> 0.00	19.83 <u>1.09</u> 0.00	20.17 <u>1.03</u> 0.00	20.97 <u>0.96</u> 0.00	22.59 <u>0.95</u> 0.00	30.19 <u>1.33</u> 0.00	32.50 <u>2.13</u> 0.00	33.31 <u>2.18</u> -0.01	32.39 <u>2.09</u> 0.00	34.28 <u>2.30</u> -0.03	34.44 <u>2.37</u> -0.04	32.52 <u>2.30</u> -0.01	32.44 <u>2.40</u> -0.01	32.06 <u>2.35</u> -0.01	31.61 <u>2.31</u> -0.01	34.91 <u>2.34</u> -0.04	40.25 <u>2.77</u> -0.06	43.86 <u>2.95</u> -0.41	38.17 <u>2.57</u> -0.42	34.42 <u>2.28</u> -0.01	29.67 <u>1.41</u> -0.01	26.03 <u>1.19</u> -0.01	22.45 <u>1.05</u> 0.00
GOWANUS_GT2_7 24120	21.68 <u>1.25</u> -0.01	20.26 <u>1.06</u> 0.00	19.83 <u>1.09</u> 0.00	20.17 <u>1.03</u> 0.00	20.97 <u>0.96</u> 0.00	22.59 <u>0.95</u> 0.00	30.19 <u>1.33</u> 0.00	32.50 <u>2.13</u> 0.00	33.31 <u>2.18</u> -0.01	32.39 <u>2.09</u> 0.00	34.28 <u>2.30</u> -0.03	34.44 <u>2.37</u> -0.04	32.52 <u>2.30</u> -0.01	32.44 <u>2.40</u> -0.01	32.06 <u>2.35</u> -0.01	31.61 <u>2.31</u> -0.01	34.91 <u>2.34</u> -0.04	40.25 <u>2.77</u> -0.06	43.86 <u>2.95</u> -0.41	38.17 <u>2.57</u> -0.42	34.42 <u>2.28</u> -0.01	29.67 <u>1.41</u> -0.01	26.03 <u>1.19</u> -0.01	22.45 <u>1.05</u> 0.00
GOWANUS_GT2_8 24121	21.68 <u>1.25</u> -0.01	20.26 <u>1.06</u> 0.00	19.83 <u>1.09</u> 0.00	20.17 <u>1.03</u> 0.00	20.97 <u>0.96</u> 0.00	22.59 <u>0.95</u> 0.00	30.19 <u>1.33</u> 0.00	32.50 <u>2.13</u> 0.00	33.31 <u>2.18</u> -0.01	32.39 <u>2.09</u> 0.00	34.28 <u>2.30</u> -0.03	34.44 <u>2.37</u> -0.04	32.52 <u>2.30</u> -0.01	32.44 <u>2.40</u> -0.01	32.06 <u>2.35</u> -0.01	31.61 <u>2.31</u> -0.01	34.91 <u>2.34</u> -0.04	40.25 <u>2.77</u> -0.06	43.86 <u>2.95</u> -0.41	38.17 <u>2.57</u> -0.42	34.42 <u>2.28</u> -0.01	29.67 <u>1.41</u> -0.01	26.03 <u>1.19</u> -0.01	22.45 <u>1.05</u> 0.00
GOWANUS_GT3_1 24122	21.68 <u>1.25</u> -0.01	20.26 <u>1.06</u> 0.00	19.83 <u>1.09</u> 0.00	20.17 <u>1.03</u> 0.00	20.97 <u>0.96</u> 0.00	22.59 <u>0.95</u> 0.00	30.19 <u>1.33</u> 0.00	32.50 <u>2.13</u> 0.00	33.31 <u>2.18</u> -0.01	32.39 <u>2.09</u> 0.00	34.28 <u>2.30</u> -0.03	34.44 <u>2.37</u> -0.04	32.52 <u>2.30</u> -0.01	32.44 <u>2.40</u> -0.01	32.06 <u>2.35</u> -0.01	31.61 <u>2.31</u> -0.01	34.91 <u>2.34</u> -0.04	40.25 <u>2.77</u> -0.06	43.86 <u>2.95</u> -0.41	38.17 <u>2.57</u> -0.42	34.42 <u>2.28</u> -0.01	29.67 <u>1.41</u> -0.01	26.03 <u>1.19</u> -0.01	22.45 <u>1.05</u> 0.00
GOWANUS_GT3_2 24123	21.68 <u>1.25</u> -0.01	20.26 <u>1.06</u> 0.00	19.83 <u>1.09</u> 0.00	20.17 <u>1.03</u> 0.00	20.97 <u>0.96</u> 0.00	22.59 <u>0.95</u> 0.00	30.19 <u>1.33</u> 0.00	32.50 <u>2.13</u> 0.00	33.31 <u>2.18</u> -0.01	32.39 <u>2.09</u> 0.00	34.28 <u>2.30</u> -0.03	34.44 <u>2.37</u> -0.04	32.52 <u>2.30</u> -0.01	32.44 <u>2.40</u> -0.01	32.06 <u>2.35</u> -0.01	31.61 <u>2.31</u> -0.01	34.91 <u>2.34</u> -0.04	40.25 <u>2.77</u> -0.06	43.86 <u>2.95</u> -0.41	38.17 <u>2.57</u> -0.42	34.42 <u>2.28</u> -0.01	29.67 <u>1.41</u> -0.01	26.03 <u>1.19</u> -0.01	22.45

GOWANUS_GT4_4 24133	21.68 1.25 -0.01	20.28 1.08 0.00	19.83 1.09 0.00	20.17 1.03 0.00	20.95 0.94 0.00	22.70 1.06 0.00	30.22 1.36 0.00	32.47 2.10 0.00	33.34 2.21 -0.01	32.42 2.12 0.00	34.28 2.30 -0.03	34.44 2.37 -0.04	32.52 2.30 -0.01	32.43 2.40 -0.01	32.06 2.35 -0.01	31.61 2.31 -0.01	34.91 2.34 -0.04	40.29 2.81 -0.06	43.90 3.00 -0.41	38.14 2.53 -0.42	34.45 2.31 -0.01	29.67 1.41 -0.01	26.03 1.19 -0.01	22.60 1.20 0.00
GOWANUS_GT4_5 24134	21.68 1.25 -0.01	20.28 1.08 0.00	19.83 1.09 0.00	20.17 1.03 0.00	20.95 0.94 0.00	22.70 1.06 0.00	30.22 1.36 0.00	32.47 2.10 0.00	33.34 2.21 -0.01	32.42 2.12 0.00	34.28 2.30 -0.03	34.44 2.37 -0.04	32.52 2.30 -0.01	32.43 2.40 -0.01	32.06 2.35 -0.01	31.61 2.31 -0.01	34.91 2.34 -0.04	40.29 2.81 -0.06	43.90 3.00 -0.41	38.14 2.53 -0.42	34.45 2.31 -0.01	29.67 1.41 -0.01	26.03 1.19 -0.01	22.60 1.20 0.00
GOWANUS_GT4_6 24135	21.68 1.25 -0.01	20.28 1.08 0.00	19.83 1.09 0.00	20.17 1.03 0.00	20.95 0.94 0.00	22.70 1.06 0.00	30.22 1.36 0.00	32.47 2.10 0.00	33.34 2.21 -0.01	32.42 2.12 0.00	34.28 2.30 -0.03	34.44 2.37 -0.04	32.52 2.30 -0.01	32.43 2.40 -0.01	32.06 2.35 -0.01	31.61 2.31 -0.01	34.91 2.34 -0.04	40.29 2.81 -0.06	43.90 3.00 -0.41	38.14 2.53 -0.42	34.45 2.31 -0.01	29.67 1.41 -0.01	26.03 1.19 -0.01	22.60 1.20 0.00
GOWANUS_GT4_7 24136	21.68 1.25 -0.01	20.28 1.08 0.00	19.83 1.09 0.00	20.17 1.03 0.00	20.95 0.94 0.00	22.70 1.06 0.00	30.22 1.36 0.00	32.47 2.10 0.00	33.34 2.21 -0.01	32.42 2.12 0.00	34.28 2.30 -0.03	34.44 2.37 -0.04	32.52 2.30 -0.01	32.43 2.40 -0.01	32.06 2.35 -0.01	31.61 2.31 -0.01	34.91 2.34 -0.04	40.29 2.81 -0.06	43.90 3.00 -0.41	38.14 2.53 -0.42	34.45 2.31 -0.01	29.67 1.41 -0.01	26.03 1.19 -0.01	22.60 1.20 0.00
GOWANUS_GT4_8 24137	21.68 1.25 -0.01	20.28 1.08 0.00	19.83 1.09 0.00	20.17 1.03 0.00	20.95 0.94 0.00	22.70 1.06 0.00	30.22 1.36 0.00	32.47 2.10 0.00	33.34 2.21 -0.01	32.42 2.12 0.00	34.28 2.30 -0.03	34.44 2.37 -0.04	32.52 2.30 -0.01	32.43 2.40 -0.01	32.06 2.35 -0.01	31.61 2.31 -0.01	34.91 2.34 -0.04	40.29 2.81 -0.06	43.90 3.00 -0.41	38.14 2.53 -0.42	34.45 2.31 -0.01	29.67 1.41 -0.01	26.03 1.19 -0.01	22.60 1.20 0.00
GREENBSH_115KV_TB3 55895	21.20 0.78 0.00	19.95 0.75 0.00	19.47 0.73 0.00	19.88 0.75 0.00	20.73 0.72 0.00	22.52 0.89 0.00	29.87 1.01 0.00	31.62 1.25 0.00	32.43 1.31 0.00	31.61 1.30 0.00	33.23 1.28 0.00	33.37 1.35 0.00	31.43 1.21 0.00	31.25 1.23 0.00	30.92 1.22 0.00	30.49 1.20 0.00	33.79 1.27 0.00	38.88 1.46 0.00	42.03 1.54 0.00	36.53 1.34 0.00	33.35 1.22 0.00	29.07 0.82 0.00	25.50 0.67 0.00	22.15 0.75 0.00
GREENDGE_115KV_TB5 80291	20.44 0.02 0.00	19.20 0.00 0.00	18.74 0.00 0.00	19.13 0.00 0.00	20.21 0.20 0.00	21.87 0.24 0.00	28.83 -0.03 0.00	30.46 0.09 0.00	31.12 0.00 0.00	30.18 -0.12 0.00	31.95 0.00 0.00	31.84 -0.19 0.00	30.10 -0.12 0.00	29.75 -0.27 0.00	29.46 -0.24 0.00	29.05 -0.23 0.00	32.49 -0.03 0.00	37.28 -0.15 0.00	40.49 0.00 0.00	35.12 -0.07 0.00	32.19 0.06 0.00	28.14 -0.11 0.00	24.78 -0.05 0.00	21.66 0.26 0.00
GREENIDGE___3 23582	20.44 0.02 0.00	19.20 0.00 0.00	18.74 0.00 0.00	19.13 0.00 0.00	20.21 0.20 0.00	21.87 0.24 0.00	28.83 -0.03 0.00	30.46 0.09 0.00	31.12 0.00 0.00	30.18 -0.12 0.00	31.95 0.00 0.00	31.84 -0.19 0.00	30.10 -0.12 0.00	29.75 -0.27 0.00	29.46 -0.24 0.00	29.05 -0.23 0.00	32.49 -0.03 0.00	37.28 -0.15 0.00	40.49 0.00 0.00	35.12 -0.07 0.00	32.19 0.06 0.00	28.14 -0.11 0.00	24.78 -0.05 0.00	21.66 0.26 0.00
GREENIDGE___4 23583	20.44 0.02 0.00	19.22 0.02 0.00	18.76 0.02 0.00	19.13 0.00 0.00	20.21 0.20 0.00	21.92 0.28 0.00	28.86 0.00 0.00	30.50 0.12 0.00	31.12 0.00 0.00	30.21 -0.09 0.00	31.95 0.00 0.00	31.84 -0.19 0.00	30.10 -0.12 0.00	29.75 -0.27 0.00	29.43 -0.27 0.00	29.05 -0.24 0.00	32.49 -0.03 0.00	37.28 -0.15 0.00	40.49 0.00 0.00	35.19 0.00 0.00	32.22 0.10 0.00	28.14 -0.11 0.00	24.75 -0.07 0.00	21.68 0.28 0.00
GREENLWN_69_KV_BK 3 55738	21.75 1.33 0.00	20.45 1.25 0.00	19.98 1.24 0.00	20.34 1.21 0.00	21.23 1.22 0.00	23.11 1.47 0.00	31.02 1.93 -0.23	32.74 2.37 0.00	33.67 2.55 0.00	33.74 2.52 -0.92	35.58 2.68 -0.94	37.46 2.82 -2.61	35.40 2.69 -2.49	35.40 2.73 -2.65	36.83 2.70 -4.42	35.60 2.66 -3.65	37.52 2.83 -2.17	42.54 3.37 -1.75	45.48 3.64 -1.35	38.51 3.06 -0.26	34.79 2.67 0.00	30.29 1.84 -0.20	27.19 1.54 -0.82	25.02 1.46 -2.16
GREENWD_138_KV_38B11_REV_LBMP_J 345004	21.68 1.25 -0.01	20.28 1.08 0.00	19.83 1.09 0.00	20.17 1.03 0.00	20.95 0.94 0.00	22.70 1.06 0.00	30.22 1.36 0.00	32.47 2.10 0.00	33.34 2.21 -0.01	32.42 2.12 0.00	34.28 2.30 -0.03	34.44 2.37 -0.04	32.52 2.30 -0.01	32.43 2.40 -0.01	32.06 2.35 -0.01	31.61 2.31 -0.01	34.91 2.34 -0.04	40.29 2.81 -0.06	43.90 3.00 -0.41	38.14 2.53 -0.42	34.45 2.31 -0.01	29.67 1.41 -0.01	26.03 1.19 -0.01	22.60 1.20 0.00
GRISSOM___SOLAR 323813	22.16 1.74 0.00	20.78 1.57 0.00	20.28 1.54 0.00	20.74 1.61 0.00	21.79 1.78 0.00	23.71 2.08 0.00	31.49 2.63 0.00	33.23 2.85 0.00	33.89 2.77 0.00	32.76 2.45 0.00	34.57 2.62 0.00	34.69 2.66 0.00	32.64 2.42 0.00	32.30 2.28 0.00	31.90 2.20 0.00	31.48 2.20 0.00	35.15 2.63 0.00	40.79 3.37 0.00	44.54 4.05 0.00	38.74 3.55 0.00	35.21 3.08 0.00	30.74 2.49 0.00	26.99 2.16 0.00	23.31 1.90 0.00
GROVEVILLE___HYD 323602	21.51 1.08 0.00	20.20 1.00 0.00	19.71 0.97 0.00	20.11 0.98 0.00	20.93 0.92 0.00	22.76 1.13 0.00	30.31 1.44 0.00	32.26 1.88 0.00	33.05 1.93 0.00	32.21 1.91 0.00	33.97 2.01 0.00	34.11 2.08 0.00	32.15 1.93 0.00	32.00 1.98 0.00	31.66 1.96 0.00	31.22 1.93 0.00	34.60 2.08 0.00	39.86 2.43 0.00	43.20 2.71 0.00	37.44 2.25 0.00	34.18 2.06 0.00	29.52 1.27 0.00	25.85 1.02 0.00	22.41 1.01 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	20.42 0.00 0.00	19.20 0.00 0.00	18.72 -0.02 0.00	19.11 -0.02 0.00	20.07 0.06 0.00	21.59 -0.04 0.00	28.52 -0.35 0.00	30.10 -0.27 0.00	30.87 -0.25 0.00	30.00 -0.30 0.00	31.70 -0.26 0.00	31.68 -0.35 0.00	29.88 -0.33 0.00	29.63 -0.39 0.00	29.31 -0.39 0.00	28.87 -0.41 0.00	32.16 -0.36 0.00	37.09 -0.34 0.00	40.12 -0.36 0.00	34.87 -0.32 0.00	31.77 -0.35 0.00	27.88 -0.37 0.00	24.56 -0.27 0.00	21.32 -0.09 0.00
HAMLTNNY_34_KV_TB 80303	20.36 -0.06 0.00	19.16 -0.04 0.00	18.68 -0.06 0.00	19.06 -0.08 0.00	20.03 0.02 0.00	21.57 -0.06 0.00	28.52 -0.35 0.00	30.10 -0.27 0.00	30.81 -0.31 0.00	29.94 -0.36 0.00	31.63 -0.32 0.00	31.61 -0.42 0.00	29.85 -0.36 0.00	29.57 -0.45 0.00	29.26 -0.45 0.00	28.85 -0.44 0.00	32.13 -0.39 0.00	37.05 -0.37 0.00	40.12 -0.36 0.00	34.84 -0.35 0.00	31.77 -0.35 0.00	27.85 -0.40 0.00	24.53 -0.30 0.00	21.32 -0.09 0.00

HAMPSHIRE___PAPER_HYD 323593	20.04 -0.39 0.00	18.82 -0.38 0.00	18.38 -0.36 0.00	18.79 -0.34 0.00	19.67 -0.34 0.00	21.38 -0.26 0.00	28.69 -0.17 0.00	30.13 -0.24 0.00	30.84 -0.28 0.00	30.06 -0.24 0.00	31.76 -0.19 0.00	31.74 -0.29 0.00	29.94 -0.27 0.00	29.75 -0.27 0.00	29.46 -0.24 0.00	28.99 -0.29 0.00	32.10 -0.42 0.00	37.01 -0.41 0.00	40.12 -0.37 0.00	34.94 -0.24 0.00	32.19 0.06 0.00	28.47 0.22 0.00	24.98 0.15 0.00	21.38 -0.02 0.00
HARDSCRABBLE_WT_PWR 323673	20.34 -0.08 0.00	19.09 -0.11 0.00	18.63 -0.11 0.00	19.04 -0.10 0.00	19.91 -0.10 0.00	21.57 -0.06 0.00	28.75 -0.11 0.00	30.25 -0.12 0.00	31.06 -0.06 0.00	30.27 -0.03 0.00	31.92 -0.03 0.00	31.96 -0.06 0.00	30.13 -0.09 0.00	29.93 -0.09 0.00	29.61 -0.09 0.00	29.26 -0.03 0.00	32.52 0.00 0.00	37.50 0.08 0.00	40.65 0.16 0.00	35.44 0.25 0.00	32.38 0.26 0.00	28.45 0.20 0.00	25.05 0.22 0.00	21.66 0.26 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	21.42 1.00 0.00	20.12 0.92 0.00	19.62 0.88 0.00	20.01 0.88 0.00	20.87 0.86 0.00	22.67 1.04 0.00	30.22 1.36 0.00	32.20 1.82 0.00	32.99 1.87 0.00	32.12 1.82 0.00	33.90 1.95 0.00	34.05 2.02 0.00	32.12 1.90 0.00	31.97 1.95 0.00	31.60 1.90 0.00	31.16 1.87 0.00	34.57 2.05 0.00	39.86 2.43 0.00	43.16 2.67 0.00	37.41 2.22 0.00	34.15 2.02 0.00	29.46 1.21 0.00	25.80 0.97 0.00	22.36 0.96 0.00
HARSNRAD_115KV_TB1 81005	18.55 -1.88 0.00	17.42 -1.79 0.00	16.96 -1.78 0.00	17.35 -1.78 0.00	18.57 -1.44 0.00	19.93 -1.71 0.00	25.46 -3.41 0.00	26.76 -3.61 0.00	27.57 -3.55 0.00	26.61 -3.70 0.00	28.06 -3.90 0.00	27.93 -4.10 0.00	26.71 -3.51 0.00	26.15 -3.87 0.00	25.96 -3.74 0.00	25.54 -3.75 0.00	28.39 -4.13 0.00	32.48 -4.94 0.00	35.27 -5.22 0.00	30.72 -4.47 0.00	28.17 -3.95 0.00	24.80 -3.45 0.00	22.37 -2.46 0.00	20.10 -1.31 0.00
HARZA MOOSE___RIVER 24016	20.53 0.10 0.00	19.26 0.06 0.00	18.80 0.06 0.00	19.21 0.08 0.00	20.13 0.12 0.00	21.83 0.19 0.00	29.12 0.26 0.00	30.80 0.43 0.00	31.56 0.44 0.00	30.70 0.39 0.00	32.47 0.51 0.00	32.44 0.42 0.00	30.58 0.36 0.00	30.38 0.36 0.00	30.06 0.36 0.00	29.67 0.38 0.00	33.04 0.52 0.00	38.17 0.75 0.00	41.38 0.89 0.00	36.00 0.81 0.00	32.93 0.80 0.00	28.81 0.56 0.00	25.30 0.47 0.00	21.81 0.41 0.00
HDSNBRDG_115KV_BRDG_TB1 355580	20.30 -0.12 0.00	19.07 -0.13 0.00	18.61 -0.13 0.00	18.98 -0.15 0.00	19.93 -0.08 0.00	21.44 -0.19 0.00	28.31 -0.55 0.00	29.83 -0.55 0.00	30.56 -0.56 0.00	29.70 -0.61 0.00	31.38 -0.58 0.00	31.36 -0.67 0.00	29.61 -0.60 0.00	29.33 -0.69 0.00	29.02 -0.68 0.00	28.61 -0.67 0.00	31.87 -0.65 0.00	36.75 -0.67 0.00	39.80 -0.69 0.00	34.55 -0.63 0.00	31.48 -0.64 0.00	27.66 -0.59 0.00	24.38 -0.45 0.00	21.19 -0.21 0.00
HELLGATE_13_KV_LD 55870	21.57 1.14 0.00	20.18 0.98 0.00	19.73 0.99 0.00	20.09 0.96 0.00	20.89 0.88 0.00	22.61 0.97 0.00	30.07 1.21 0.00	32.29 1.91 0.00	33.08 1.96 0.00	32.18 1.88 0.00	34.00 2.05 0.00	34.17 2.15 0.00	32.30 2.08 0.00	32.18 2.16 0.00	31.84 2.14 0.00	31.36 2.08 0.00	34.60 2.08 0.00	39.93 2.51 0.00	43.16 2.67 0.00	37.44 2.25 0.00	34.18 2.06 0.00	29.44 1.19 0.00	25.85 1.02 0.00	22.45 1.05 0.00
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	21.57 1.14 0.00	20.18 0.98 0.00	19.73 0.99 0.00	20.09 0.96 0.00	20.89 0.88 0.00	22.61 0.97 0.00	30.07 1.21 0.00	32.29 1.91 0.00	33.08 1.96 0.00	32.18 1.88 0.00	34.00 2.05 0.00	34.17 2.15 0.00	32.30 2.08 0.00	32.18 2.16 0.00	31.84 2.14 0.00	31.36 2.08 0.00	34.60 2.08 0.00	39.93 2.51 0.00	43.16 2.67 0.00	37.44 2.25 0.00	34.18 2.06 0.00	29.44 1.19 0.00	25.85 1.02 0.00	22.45 1.05 0.00
HEMPSTEAD___ 23647	21.71 1.29 0.00	20.39 1.19 0.00	19.92 1.18 0.00	20.28 1.15 0.00	21.13 1.12 0.00	22.96 1.32 0.00	30.91 1.82 -0.23	32.71 2.34 0.00	33.61 2.49 0.00	33.65 2.43 -0.92	35.48 2.59 -0.94	37.30 2.66 -2.61	35.28 2.57 -2.49	35.28 2.61 -2.65	36.71 2.58 -4.42	35.48 2.55 -3.65	37.33 2.63 -2.17	42.24 3.07 -1.75	45.16 3.32 -1.35	38.34 2.89 -0.26	34.73 2.60 0.00	30.21 1.75 -0.20	27.12 1.46 -0.82	24.83 1.26 -2.16
HEWLETT___69_KV_BK3 55828	21.83 1.41 0.00	20.51 1.31 0.00	20.03 1.29 0.00	20.40 1.26 0.00	21.29 1.28 0.00	23.17 1.54 0.00	31.08 1.99 -0.23	32.86 2.49 0.00	33.77 2.65 0.00	33.80 2.58 -0.92	35.52 2.62 -0.94	37.36 2.72 -2.61	35.31 2.60 -2.49	35.31 2.64 -2.65	36.74 2.61 -4.42	35.49 2.55 -3.65	37.39 2.70 -2.17	42.16 2.99 -1.75	45.12 3.28 -1.35	38.20 2.74 -0.26	34.76 2.63 0.00	30.37 1.92 -0.20	27.26 1.61 -0.82	25.11 1.54 -2.16
HICKLING___1 23621	20.59 0.16 0.00	19.34 0.13 0.00	18.85 0.11 0.00	19.27 0.13 0.00	20.37 0.36 0.00	22.05 0.41 0.00	29.04 0.17 0.00	30.71 0.33 0.00	31.46 0.34 0.00	30.55 0.24 0.00	32.34 0.38 0.00	32.22 0.19 0.00	30.46 0.24 0.00	30.14 0.12 0.00	29.82 0.12 0.00	29.40 0.12 0.00	32.88 0.36 0.00	37.91 0.49 0.00	41.18 0.69 0.00	35.68 0.49 0.00	32.51 0.39 0.00	28.42 0.17 0.00	25.05 0.22 0.00	21.94 0.54 0.00
HICKLING___2 23622	20.59 0.16 0.00	19.34 0.13 0.00	18.85 0.11 0.00	19.27 0.13 0.00	20.37 0.36 0.00	22.05 0.41 0.00	29.04 0.17 0.00	30.71 0.33 0.00	31.46 0.34 0.00	30.55 0.24 0.00	32.34 0.38 0.00	32.22 0.19 0.00	30.46 0.24 0.00	30.14 0.12 0.00	29.82 0.12 0.00	29.40 0.12 0.00	32.88 0.36 0.00	37.91 0.49 0.00	41.18 0.69 0.00	35.68 0.49 0.00	32.51 0.39 0.00	28.42 0.17 0.00	25.05 0.22 0.00	21.94 0.54 0.00
HIGH FALLS___HY 23754	21.32 0.90 0.00	20.01 0.81 0.00	19.53 0.79 0.00	19.90 0.77 0.00	20.75 0.74 0.00	22.52 0.89 0.00	30.05 1.18 0.00	31.98 1.61 0.00	32.71 1.59 0.00	31.82 1.52 0.00	33.55 1.60 0.00	33.66 1.63 0.00	31.76 1.54 0.00	31.67 1.65 0.00	31.30 1.60 0.00	30.90 1.61 0.00	34.31 1.79 0.00	39.60 2.17 0.00	42.96 2.47 0.00	37.23 2.04 0.00	33.99 1.86 0.00	29.29 1.05 0.00	25.65 0.82 0.00	22.21 0.81 0.00
HILLBURN___GT 23639	21.36 0.94 0.00	20.05 0.84 0.00	19.58 0.84 0.00	19.96 0.82 0.00	20.81 0.80 0.00	22.52 0.89 0.00	30.07 1.21 0.00	32.20 1.82 0.00	32.93 1.80 0.00	32.06 1.76 0.00	33.84 1.88 0.00	34.01 1.99 0.00	32.09 1.87 0.00	31.95 1.92 0.00	31.57 1.87 0.00	31.13 1.85 0.00	34.47 1.95 0.00	39.78 2.36 0.00	43.04 2.55 0.00	37.37 2.18 0.00	34.05 1.93 0.00	29.41 1.16 0.00	25.77 0.94 0.00	22.21 0.81 0.00
HILLSIDE_115KV_TB1 80332	20.34 -0.08 0.00	19.11 -0.10 0.00	18.63 -0.11 0.00	19.02 -0.11 0.00	20.11 0.10 0.00	21.74 0.11 0.00	28.63 -0.23 0.00	30.25 -0.12 0.00	31.03 -0.09 0.00	30.12 -0.18 0.00	31.86 -0.10 0.00	31.77 -0.26 0.00	30.07 -0.15 0.00	29.75 -0.27 0.00	29.43 -0.27 0.00	29.02 -0.26 0.00	32.39 -0.13 0.00	37.35 -0.07 0.00	40.53 0.04 0.00	35.12 -0.07 0.00	32.03 -0.10 0.00	28.00 -0.25 0.00	24.70 -0.12 0.00	21.64 0.24 0.00

HISHELDN_WT_PWR 323625	18.48 -1.94 0.00	17.38 -1.82 0.00	16.98 -1.76 0.00	17.33 -1.80 0.00	18.51 -1.50 0.00	20.03 -1.60 0.00	25.57 -3.29 0.00	26.79 -3.58 0.00	27.60 -3.52 0.00	26.82 -3.48 0.00	28.22 -3.74 0.00	28.15 -3.88 0.00	26.98 -3.23 0.00	26.42 -3.60 0.00	26.20 -3.51 0.00	25.80 -3.49 0.00	28.81 -3.71 0.00	33.05 -4.38 0.00	35.91 -4.58 0.00	31.25 -3.94 0.00	28.65 -3.47 0.00	25.14 -3.11 0.00	22.52 -2.31 0.00	20.33 -1.07 0.00
HOLTSVILLE_IC_1 23690	21.79 1.37 0.00	20.55 1.34 0.00	20.09 1.35 0.00	20.42 1.28 0.00	21.23 1.22 0.00	23.11 1.47 0.00	31.11 2.02 -0.23	32.71 2.34 0.00	33.80 2.68 0.00	33.80 2.57 -0.92	35.58 2.68 -0.94	37.49 2.85 -2.61	35.34 2.63 -2.49	35.43 2.76 -2.65	36.80 2.67 -4.42	35.60 2.66 -3.65	37.66 2.93 -2.21	42.70 3.48 -1.80	45.53 3.65 -1.39	38.70 3.20 -0.31	34.79 2.66 0.00	30.32 1.86 -0.20	27.21 1.57 -0.82	24.94 1.37 -2.16
HOLTSVILLE_IC_10 23699	21.87 1.45 0.00	20.62 1.42 0.00	20.16 1.42 0.00	20.51 1.38 0.00	21.31 1.30 0.00	23.21 1.58 0.00	31.26 2.17 -0.23	32.86 2.49 0.00	33.95 2.83 0.00	33.95 2.73 -0.92	35.77 2.88 -0.94	37.68 3.04 -2.61	35.52 2.81 -2.49	35.61 2.94 -2.65	36.97 2.85 -4.42	35.78 2.84 -3.65	37.86 3.12 -2.21	42.93 3.71 -1.79	45.81 3.93 -1.39	38.90 3.41 -0.30	35.02 2.89 0.00	30.49 2.04 -0.20	27.34 1.69 -0.82	25.04 1.48 -2.16
HOLTSVILLE_IC_2 23691	21.79 1.37 0.00	20.55 1.34 0.00	20.09 1.35 0.00	20.42 1.28 0.00	21.23 1.22 0.00	23.11 1.47 0.00	31.11 2.02 -0.23	32.71 2.34 0.00	33.80 2.68 0.00	33.80 2.57 -0.92	35.58 2.68 -0.94	37.49 2.85 -2.61	35.34 2.63 -2.49	35.43 2.76 -2.65	36.80 2.67 -4.42	35.60 2.66 -3.65	37.66 2.93 -2.21	42.70 3.48 -1.80	45.53 3.65 -1.39	38.70 3.20 -0.31	34.79 2.66 0.00	30.32 1.86 -0.20	27.21 1.57 -0.82	24.94 1.37 -2.16
HOLTSVILLE_IC_3 23692	21.79 1.37 0.00	20.55 1.34 0.00	20.09 1.35 0.00	20.42 1.28 0.00	21.23 1.22 0.00	23.11 1.47 0.00	31.11 2.02 -0.23	32.71 2.34 0.00	33.80 2.68 0.00	33.80 2.57 -0.92	35.58 2.68 -0.94	37.49 2.85 -2.61	35.34 2.63 -2.49	35.43 2.76 -2.65	36.80 2.67 -4.42	35.60 2.66 -3.65	37.66 2.93 -2.21	42.70 3.48 -1.80	45.53 3.65 -1.39	38.70 3.20 -0.31	34.79 2.66 0.00	30.32 1.86 -0.20	27.21 1.57 -0.82	24.94 1.37 -2.16
HOLTSVILLE_IC_4 23693	21.79 1.37 0.00	20.55 1.34 0.00	20.09 1.35 0.00	20.42 1.28 0.00	21.23 1.22 0.00	23.11 1.47 0.00	31.11 2.02 -0.23	32.71 2.34 0.00	33.80 2.68 0.00	33.80 2.57 -0.92	35.58 2.68 -0.94	37.49 2.85 -2.61	35.34 2.63 -2.49	35.43 2.76 -2.65	36.80 2.67 -4.42	35.60 2.66 -3.65	37.66 2.93 -2.21	42.70 3.48 -1.80	45.53 3.65 -1.39	38.70 3.20 -0.31	34.79 2.66 0.00	30.32 1.86 -0.20	27.21 1.57 -0.82	24.94 1.37 -2.16
HOLTSVILLE_IC_5 23694	21.79 1.37 0.00	20.55 1.34 0.00	20.09 1.35 0.00	20.42 1.28 0.00	21.23 1.22 0.00	23.11 1.47 0.00	31.11 2.02 -0.23	32.71 2.34 0.00	33.80 2.68 0.00	33.80 2.57 -0.92	35.58 2.68 -0.94	37.49 2.85 -2.61	35.34 2.63 -2.49	35.43 2.76 -2.65	36.80 2.67 -4.42	35.60 2.66 -3.65	37.66 2.93 -2.21	42.70 3.48 -1.80	45.53 3.65 -1.39	38.70 3.20 -0.31	34.79 2.66 0.00	30.32 1.86 -0.20	27.21 1.57 -0.82	24.94 1.37 -2.16
HOLTSVILLE_IC_6 23695	21.87 1.45 0.00	20.62 1.42 0.00	20.16 1.42 0.00	20.51 1.38 0.00	21.31 1.30 0.00	23.21 1.58 0.00	31.26 2.17 -0.23	32.86 2.49 0.00	33.95 2.83 0.00	33.95 2.73 -0.92	35.77 2.88 -0.94	37.68 3.04 -2.61	35.52 2.81 -2.49	35.61 2.94 -2.65	36.97 2.85 -4.42	35.78 2.84 -3.65	37.86 3.12 -2.21	42.93 3.71 -1.79	45.81 3.93 -1.39	38.90 3.41 -0.30	35.02 2.89 0.00	30.49 2.04 -0.20	27.34 1.69 -0.82	25.04 1.48 -2.16
HOLTSVILLE_IC_7 23696	21.87 1.45 0.00	20.62 1.42 0.00	20.16 1.42 0.00	20.51 1.38 0.00	21.31 1.30 0.00	23.21 1.58 0.00	31.26 2.17 -0.23	32.86 2.49 0.00	33.95 2.83 0.00	33.95 2.73 -0.92	35.77 2.88 -0.94	37.68 3.04 -2.61	35.52 2.81 -2.49	35.61 2.94 -2.65	36.97 2.85 -4.42	35.78 2.84 -3.65	37.86 3.12 -2.21	42.93 3.71 -1.79	45.81 3.93 -1.39	38.90 3.41 -0.30	35.02 2.89 0.00	30.49 2.04 -0.20	27.34 1.69 -0.82	25.04 1.48 -2.16
HOLTSVILLE_IC_8 23697	21.87 1.45 0.00	20.62 1.42 0.00	20.16 1.42 0.00	20.51 1.38 0.00	21.31 1.30 0.00	23.21 1.58 0.00	31.26 2.17 -0.23	32.86 2.49 0.00	33.95 2.83 0.00	33.95 2.73 -0.92	35.77 2.88 -0.94	37.68 3.04 -2.61	35.52 2.81 -2.49	35.61 2.94 -2.65	36.97 2.85 -4.42	35.78 2.84 -3.65	37.86 3.12 -2.21	42.93 3.71 -1.79	45.81 3.93 -1.39	38.90 3.41 -0.30	35.02 2.89 0.00	30.49 2.04 -0.20	27.34 1.69 -0.82	25.04 1.48 -2.16
HOLTSVILLE_IC_9 23698	21.87 1.45 0.00	20.62 1.42 0.00	20.16 1.42 0.00	20.51 1.38 0.00	21.31 1.30 0.00	23.21 1.58 0.00	31.26 2.17 -0.23	32.86 2.49 0.00	33.95 2.83 0.00	33.95 2.73 -0.92	35.77 2.88 -0.94	37.68 3.04 -2.61	35.52 2.81 -2.49	35.61 2.94 -2.65	36.97 2.85 -4.42	35.78 2.84 -3.65	37.86 3.12 -2.21	42.93 3.71 -1.79	45.81 3.93 -1.39	38.90 3.41 -0.30	35.02 2.89 0.00	30.49 2.04 -0.20	27.34 1.69 -0.82	25.04 1.48 -2.16
HOMER_HL_115KV_TB2 355744	19.36 -1.06 0.00	18.17 -1.04 0.00	17.71 -1.03 0.00	18.10 -1.03 0.00	19.41 -0.60 0.00	20.92 -0.71 0.00	26.96 -1.90 0.00	28.28 -2.10 0.00	28.88 -2.24 0.00	27.94 -2.36 0.00	29.49 -2.46 0.00	29.43 -2.59 0.00	28.10 -2.12 0.00	27.65 -2.37 0.00	27.33 -2.38 0.00	26.97 -2.31 0.00	30.15 -2.37 0.00	34.73 -2.69 0.00	37.86 -2.63 0.00	32.62 -2.57 0.00	29.81 -2.31 0.00	26.16 -2.09 0.00	23.49 -1.34 0.00	21.12 -0.28 0.00
HOWARD_WT_PWR 323690	20.42 0.00 0.00	19.22 0.02 0.00	18.78 0.04 0.00	19.17 0.04 0.00	20.31 0.30 0.00	22.05 0.41 0.00	29.07 0.20 0.00	30.77 0.39 0.00	31.43 0.31 0.00	30.54 0.24 0.00	32.43 0.48 0.00	32.28 0.26 0.00	30.52 0.30 0.00	30.17 0.15 0.00	29.85 0.15 0.00	29.46 0.18 0.00	32.94 0.42 0.00	37.99 0.56 0.00	41.30 0.81 0.00	35.79 0.60 0.00	32.57 0.45 0.00	28.42 0.17 0.00	25.00 0.18 0.00	21.91 0.51 0.00
HQ_GEN_CEDARS 23644	20.12 -0.31 0.00	18.91 -0.29 0.00	18.48 -0.26 0.00	18.89 -0.25 0.00	19.73 -0.28 0.00	21.40 -0.24 0.00	28.86 0.00 0.00	30.16 -0.21 0.00	30.90 -0.22 0.00	30.15 -0.15 0.00	31.86 -0.10 0.00	31.90 -0.13 0.00	30.13 -0.09 0.00	29.93 -0.09 0.00	29.61 -0.09 0.00	29.17 -0.12 0.00	32.29 -0.23 0.00	37.09 -0.34 0.00	40.08 -0.40 0.00	34.94 -0.25 0.00	32.00 -0.13 0.00	28.53 0.28 0.00	25.03 0.20 0.00	21.32 -0.09 0.00
HQ_GEN_CEDARS_PROXY 323590	20.12 -0.31 0.00	18.91 -0.29 0.00	18.48 -0.26 0.00	18.88 -0.25 0.00	19.73 -0.28 0.00	21.38 -0.26 0.00	28.86 0.00 0.00	30.13 -0.24 0.00	30.87 -0.25 0.00	30.25 -0.15 -0.10	31.76 -0.10 0.10	31.90 -0.13 0.00	30.13 -0.09 0.00	29.93 -0.09 0.00	29.61 -0.09 0.00	29.17 -0.12 0.00	32.29 -0.23 0.00	37.09 -0.34 0.00	40.08 -0.40 0.00	34.84 -0.35 0.00	31.06 -0.13 0.94	29.47 0.28 -0.94	25.03 0.20 0.00	21.30 -0.11 0.00

HQ_GEN_IMPORT 323601	20.16 -0.27 0.00	18.95 -0.25 0.00	18.50 -0.24 0.00	18.88 -0.25 0.00	19.75 -0.26 0.00	21.38 -0.26 0.00	28.78 -0.09 0.00	30.04 -0.33 0.00	30.81 -0.31 0.00	30.12 -0.27 -0.10	31.57 -0.29 0.10	31.74 -0.29 0.00	29.97 -0.24 0.00	29.78 -0.24 0.00	29.46 -0.24 0.00	29.05 -0.24 0.00	32.23 -0.29 0.00	37.05 -0.37 0.00	40.04 -0.44 0.00	34.80 -0.39 0.00	30.10 -0.29 1.73	30.01 0.03 -1.73	24.85 0.02 0.00	21.21 -0.19 0.00
HQ_GEN_WHEEL 23651	20.16 -0.27 0.00	18.95 -0.25 0.00	18.50 -0.24 0.00	18.88 -0.25 0.00	19.75 -0.26 0.00	21.38 -0.26 0.00	28.78 -0.09 0.00	30.04 -0.33 0.00	30.81 -0.31 0.00	30.12 -0.27 -0.10	31.57 -0.29 0.10	31.74 -0.29 0.00	29.97 -0.24 0.00	29.78 -0.24 0.00	29.46 -0.24 0.00	29.05 -0.24 0.00	32.23 -0.29 0.00	37.05 -0.37 0.00	40.04 -0.44 0.00	34.80 -0.39 0.00	30.10 -0.29 1.73	30.01 0.03 -1.73	24.85 0.02 0.00	21.21 -0.19 0.00
HUDSON AVE_GT_3 23810	21.45 1.02 0.00	20.10 0.90 0.00	19.64 0.90 0.00	19.99 0.86 0.00	20.81 0.80 0.00	22.63 1.00 0.00	30.16 1.30 0.00	32.32 1.94 0.00	33.08 1.96 0.00	32.21 1.91 0.00	34.00 2.05 0.00	34.14 2.11 0.00	32.27 2.05 0.00	32.18 2.16 0.00	31.84 2.14 0.00	31.36 2.08 0.00	34.60 2.08 0.00	39.93 2.51 0.00	43.16 2.67 0.00	37.44 2.25 0.00	34.21 2.09 0.00	29.49 1.24 0.00	25.85 1.02 0.00	22.41 1.01 0.00
HUDSON AVE_GT_4 23540	21.45 1.02 0.00	20.10 0.90 0.00	19.64 0.90 0.00	19.99 0.86 0.00	20.81 0.80 0.00	22.63 1.00 0.00	30.16 1.30 0.00	32.32 1.94 0.00	33.08 1.96 0.00	32.21 1.91 0.00	34.00 2.05 0.00	34.14 2.11 0.00	32.27 2.05 0.00	32.18 2.16 0.00	31.84 2.14 0.00	31.36 2.08 0.00	34.60 2.08 0.00	39.93 2.51 0.00	43.16 2.67 0.00	37.44 2.25 0.00	34.21 2.09 0.00	29.49 1.24 0.00	25.85 1.02 0.00	22.41 1.01 0.00
HUDSON AVE_GT_5 23657	21.45 1.02 0.00	20.10 0.90 0.00	19.64 0.90 0.00	19.99 0.86 0.00	20.81 0.80 0.00	22.63 1.00 0.00	30.16 1.30 0.00	32.32 1.94 0.00	33.08 1.96 0.00	32.21 1.91 0.00	34.00 2.05 0.00	34.14 2.11 0.00	32.27 2.05 0.00	32.18 2.16 0.00	31.84 2.14 0.00	31.36 2.08 0.00	34.60 2.08 0.00	39.93 2.51 0.00	43.16 2.67 0.00	37.44 2.25 0.00	34.21 2.09 0.00	29.49 1.24 0.00	25.85 1.02 0.00	22.41 1.01 0.00
HUDSON_AVE_10 24168	21.38 0.96 0.00	20.05 0.84 0.00	19.58 0.84 0.00	19.94 0.80 0.00	20.75 0.74 0.00	22.57 0.93 0.00	30.10 1.24 0.00	32.29 1.91 0.00	33.05 1.93 0.00	32.15 1.85 0.00	33.97 2.01 0.00	34.11 2.08 0.00	32.24 2.02 0.00	32.15 2.13 0.00	31.81 2.11 0.00	31.33 2.05 0.00	34.57 2.05 0.00	39.89 2.47 0.00	43.12 2.63 0.00	37.41 2.22 0.00	34.18 2.06 0.00	29.46 1.21 0.00	25.82 0.99 0.00	22.36 0.96 0.00
HUDSON___115KV_TB 4 355613	21.42 1.00 0.00	20.16 0.96 0.00	19.68 0.94 0.00	20.09 0.96 0.00	20.97 0.96 0.00	22.80 1.17 0.00	30.28 1.41 0.00	31.95 1.58 0.00	32.71 1.59 0.00	31.82 1.52 0.00	33.42 1.47 0.00	33.57 1.54 0.00	31.58 1.36 0.00	31.37 1.35 0.00	31.04 1.34 0.00	30.60 1.32 0.00	33.98 1.46 0.00	39.15 1.72 0.00	42.43 1.94 0.00	36.91 1.72 0.00	33.70 1.57 0.00	29.35 1.10 0.00	25.75 0.92 0.00	22.39 0.98 0.00
HUNTER MOUNT___DRP 323613	21.49 1.06 0.00	20.22 1.02 0.00	19.73 0.99 0.00	20.17 1.03 0.00	21.05 1.04 0.00	22.91 1.28 0.00	30.39 1.53 0.00	32.01 1.64 0.00	32.74 1.62 0.00	31.85 1.55 0.00	33.42 1.47 0.00	33.53 1.51 0.00	31.52 1.30 0.00	31.31 1.29 0.00	30.98 1.28 0.00	30.54 1.26 0.00	33.95 1.43 0.00	39.11 1.68 0.00	42.43 1.94 0.00	36.91 1.72 0.00	33.70 1.57 0.00	29.38 1.13 0.00	25.77 0.94 0.00	22.41 1.01 0.00
HUNTINGTON_RES_REC 323705	21.83 1.41 0.00	20.53 1.32 0.00	20.07 1.33 0.00	20.42 1.28 0.00	21.25 1.24 0.00	23.11 1.47 0.00	31.11 2.02 -0.23	32.83 2.46 0.00	33.83 2.71 0.00	33.86 2.64 -0.92	35.71 2.81 -0.94	37.59 2.94 -2.61	35.49 2.78 -2.49	35.55 2.88 -2.65	36.95 2.82 -4.42	35.75 2.81 -3.65	37.80 3.02 -2.25	42.89 3.63 -1.83	45.81 3.89 -1.43	38.87 3.34 -0.34	35.02 2.89 0.00	30.43 1.98 -0.20	27.31 1.66 -0.82	25.00 1.43 -2.16
HUNTLEY___63 23557	18.69 -1.74 0.00	17.55 -1.65 0.00	17.11 -1.63 0.00	17.45 -1.68 0.00	18.67 -1.34 0.00	20.10 -1.54 0.00	25.66 -3.20 0.00	26.85 -3.52 0.00	27.67 -3.45 0.00	26.76 -3.55 0.00	28.18 -3.77 0.00	28.06 -3.97 0.00	26.83 -3.38 0.00	26.30 -3.72 0.00	26.08 -3.62 0.00	25.68 -3.60 0.00	28.62 -3.90 0.00	32.78 -4.64 0.00	35.59 -4.90 0.00	30.97 -4.22 0.00	28.43 -3.69 0.00	25.00 -3.25 0.00	22.54 -2.28 0.00	20.25 -1.16 0.00
HUNTLEY___64 23558	18.69 -1.74 0.00	17.55 -1.65 0.00	17.11 -1.63 0.00	17.45 -1.68 0.00	18.67 -1.34 0.00	20.10 -1.54 0.00	25.66 -3.20 0.00	26.85 -3.52 0.00	27.67 -3.45 0.00	26.76 -3.55 0.00	28.18 -3.77 0.00	28.06 -3.97 0.00	26.83 -3.38 0.00	26.30 -3.72 0.00	26.08 -3.62 0.00	25.68 -3.60 0.00	28.62 -3.90 0.00	32.78 -4.64 0.00	35.59 -4.90 0.00	30.97 -4.22 0.00	28.43 -3.69 0.00	25.00 -3.25 0.00	22.54 -2.28 0.00	20.25 -1.16 0.00
HUNTLEY___65 23559	18.69 -1.74 0.00	17.55 -1.65 0.00	17.11 -1.63 0.00	17.45 -1.68 0.00	18.67 -1.34 0.00	20.10 -1.54 0.00	25.66 -3.20 0.00	26.85 -3.52 0.00	27.67 -3.45 0.00	26.76 -3.55 0.00	28.18 -3.77 0.00	28.06 -3.97 0.00	26.83 -3.38 0.00	26.30 -3.72 0.00	26.08 -3.62 0.00	25.68 -3.60 0.00	28.62 -3.90 0.00	32.78 -4.64 0.00	35.59 -4.90 0.00	30.97 -4.22 0.00	28.43 -3.69 0.00	25.00 -3.25 0.00	22.54 -2.28 0.00	20.25 -1.16 0.00
HUNTLEY___66 23560	18.69 -1.74 0.00	17.55 -1.65 0.00	17.11 -1.63 0.00	17.45 -1.68 0.00	18.67 -1.34 0.00	20.10 -1.54 0.00	25.66 -3.20 0.00	26.85 -3.52 0.00	27.67 -3.45 0.00	26.76 -3.55 0.00	28.18 -3.77 0.00	28.06 -3.97 0.00	26.83 -3.38 0.00	26.30 -3.72 0.00	26.08 -3.62 0.00	25.68 -3.60 0.00	28.62 -3.90 0.00	32.78 -4.64 0.00	35.59 -4.90 0.00	30.97 -4.22 0.00	28.43 -3.69 0.00	25.00 -3.25 0.00	22.54 -2.28 0.00	20.25 -1.16 0.00
HUNTLEY___67 23561	18.67 -1.76 0.00	17.51 -1.69 0.00	17.07 -1.67 0.00	17.43 -1.70 0.00	18.65 -1.36 0.00	20.06 -1.58 0.00	25.66 -3.20 0.00	26.85 -3.52 0.00	27.64 -3.49 0.00	26.73 -3.58 0.00	28.15 -3.80 0.00	28.06 -3.97 0.00	26.83 -3.38 0.00	26.24 -3.78 0.00	26.05 -3.65 0.00	25.65 -3.63 0.00	28.62 -3.90 0.00	32.78 -4.64 0.00	35.55 -4.94 0.00	30.97 -4.22 0.00	28.40 -3.73 0.00	25.00 -3.25 0.00	22.54 -2.28 0.00	20.25 -1.16 0.00
HUNTLEY___68 23562	18.67 -1.76 0.00	17.51 -1.69 0.00	17.07 -1.67 0.00	17.43 -1.70 0.00	18.65 -1.36 0.00	20.06 -1.58 0.00	25.66 -3.20 0.00	26.85 -3.52 0.00	27.64 -3.49 0.00	26.73 -3.58 0.00	28.15 -3.80 0.00	28.06 -3.97 0.00	26.83 -3.38 0.00	26.24 -3.78 0.00	26.05 -3.65 0.00	25.65 -3.63 0.00	28.62 -3.90 0.00	32.78 -4.64 0.00	35.55 -4.94 0.00	30.97 -4.22 0.00	28.40 -3.73 0.00	25.00 -3.25 0.00	22.54 -2.28 0.00	20.25 -1.16 0.00

HYLAND___LFGE 323620	20.47 0.04 0.00	19.26 0.06 0.00	18.80 0.06 0.00	19.19 0.06 0.00	20.29 0.28 0.00	22.07 0.43 0.00	28.78 -0.09 0.00	30.16 -0.21 0.00	30.53 -0.59 0.00	29.36 -0.94 0.00	31.03 -0.93 0.00	30.94 -1.09 0.00	29.25 -0.97 0.00	28.85 -1.17 0.00	28.57 -1.13 0.00	28.32 -0.97 0.00	31.67 -0.85 0.00	36.86 -0.56 0.00	40.49 0.00 0.00	35.47 0.28 0.00	32.45 0.32 0.00	28.31 0.06 0.00	24.90 0.07 0.00	21.91 0.51 0.00
INDECK___CORINTH 23802	21.14 0.71 0.00	19.87 0.67 0.00	19.38 0.64 0.00	19.80 0.67 0.00	20.71 0.70 0.00	22.46 0.82 0.00	29.96 1.10 0.00	31.77 1.40 0.00	32.55 1.43 0.00	31.67 1.36 0.00	33.39 1.44 0.00	33.53 1.51 0.00	31.54 1.33 0.00	31.31 1.29 0.00	30.92 1.22 0.00	30.46 1.17 0.00	33.82 1.30 0.00	38.92 1.50 0.00	42.23 1.74 0.00	36.70 1.51 0.00	33.41 1.29 0.00	29.15 0.90 0.00	25.57 0.74 0.00	22.04 0.64 0.00
INDECK___ILION 23567	20.57 0.14 0.00	19.32 0.12 0.00	18.85 0.11 0.00	19.25 0.11 0.00	20.13 0.12 0.00	21.79 0.15 0.00	29.04 0.17 0.00	30.59 0.21 0.00	31.37 0.25 0.00	30.55 0.24 0.00	32.21 0.26 0.00	32.28 0.26 0.00	30.43 0.21 0.00	30.23 0.21 0.00	29.91 0.21 0.00	29.52 0.23 0.00	32.81 0.29 0.00	37.80 0.37 0.00	40.93 0.45 0.00	35.61 0.42 0.00	32.51 0.39 0.00	28.50 0.25 0.00	25.05 0.22 0.00	21.66 0.26 0.00
INDECK___OLEAN 23982	19.36 -1.06 0.00	18.18 -1.02 0.00	17.76 -0.98 0.00	18.14 -1.00 0.00	19.41 -0.60 0.00	20.94 -0.69 0.00	26.99 -1.88 0.00	28.31 -2.07 0.00	28.85 -2.27 0.00	28.00 -2.30 0.00	29.49 -2.46 0.00	29.40 -2.63 0.00	28.10 -2.12 0.00	27.65 -2.37 0.00	27.32 -2.38 0.00	26.97 -2.31 0.00	30.15 -2.37 0.00	34.73 -2.70 0.00	37.90 -2.59 0.00	32.72 -2.46 0.00	29.87 -2.25 0.00	26.16 -2.09 0.00	23.39 -1.44 0.00	21.06 -0.34 0.00
INDECK___OSWEGO 23783	20.16 -0.27 0.00	18.95 -0.25 0.00	18.50 -0.24 0.00	18.88 -0.25 0.00	19.79 -0.22 0.00	21.38 -0.26 0.00	28.17 -0.69 0.00	29.71 -0.67 0.00	30.41 -0.71 0.00	29.55 -0.76 0.00	31.19 -0.77 0.00	31.17 -0.86 0.00	29.43 -0.79 0.00	29.15 -0.87 0.00	28.84 -0.86 0.00	28.20 -1.08 0.00	31.41 -1.11 0.00	36.19 -1.23 0.00	39.23 -1.26 0.00	34.10 -1.09 0.00	31.13 -1.00 0.00	27.51 -0.73 0.00	24.23 -0.60 0.00	21.15 -0.26 0.00
INDECK___YERKES 23781	18.71 -1.72 0.00	17.61 -1.59 0.00	17.18 -1.56 0.00	17.53 -1.61 0.00	18.69 -1.32 0.00	20.23 -1.41 0.00	25.72 -3.15 0.00	26.91 -3.46 0.00	27.76 -3.36 0.00	26.91 -3.39 0.00	28.22 -3.74 0.00	28.09 -3.94 0.00	26.86 -3.36 0.00	26.33 -3.69 0.00	26.08 -3.62 0.00	25.68 -3.60 0.00	28.65 -3.87 0.00	32.82 -4.60 0.00	35.71 -4.78 0.00	31.07 -4.12 0.00	28.56 -3.57 0.00	25.03 -3.22 0.00	22.42 -2.41 0.00	20.27 -1.13 0.00
INDIAN POINT_GT_1 24139	21.36 0.94 0.00	20.07 0.86 0.00	19.58 0.84 0.00	19.96 0.82 0.00	20.79 0.78 0.00	22.59 0.95 0.00	30.10 1.24 0.00	32.14 1.76 0.00	32.93 1.81 0.00	32.06 1.76 0.00	33.84 1.89 0.00	33.98 1.95 0.00	32.06 1.84 0.00	31.94 1.92 0.00	31.60 1.90 0.00	31.16 1.87 0.00	34.47 1.95 0.00	39.75 2.32 0.00	43.00 2.51 0.00	37.30 2.11 0.00	34.05 1.93 0.00	29.38 1.13 0.00	25.77 0.94 0.00	22.32 0.92 0.00
INDIAN POINT_GT_2 23659	21.36 0.94 0.00	20.07 0.86 0.00	19.58 0.84 0.00	19.96 0.82 0.00	20.79 0.78 0.00	22.59 0.95 0.00	30.10 1.24 0.00	32.14 1.76 0.00	32.93 1.81 0.00	32.06 1.76 0.00	33.84 1.89 0.00	33.98 1.95 0.00	32.06 1.84 0.00	31.94 1.92 0.00	31.60 1.90 0.00	31.16 1.87 0.00	34.47 1.95 0.00	39.75 2.32 0.00	43.00 2.51 0.00	37.30 2.11 0.00	34.05 1.93 0.00	29.38 1.13 0.00	25.77 0.94 0.00	22.32 0.92 0.00
INDIAN POINT_GT_3 24019	21.36 0.94 0.00	20.07 0.86 0.00	19.58 0.84 0.00	19.96 0.82 0.00	20.79 0.78 0.00	22.59 0.95 0.00	30.10 1.24 0.00	32.14 1.76 0.00	32.93 1.81 0.00	32.06 1.76 0.00	33.84 1.89 0.00	33.98 1.95 0.00	32.06 1.84 0.00	31.94 1.92 0.00	31.60 1.90 0.00	31.16 1.87 0.00	34.47 1.95 0.00	39.75 2.32 0.00	43.00 2.51 0.00	37.30 2.11 0.00	34.05 1.93 0.00	29.38 1.13 0.00	25.77 0.94 0.00	22.32 0.92 0.00
INDIAN POINT___2 23530	21.34 0.92 0.00	20.03 0.83 0.00	19.56 0.82 0.00	19.94 0.80 0.00	20.79 0.78 0.00	22.48 0.84 0.00	30.05 1.18 0.00	32.13 1.76 0.00	32.89 1.77 0.00	32.00 1.70 0.00	33.77 1.82 0.00	33.95 1.92 0.00	32.03 1.81 0.00	31.91 1.89 0.00	31.54 1.84 0.00	31.10 1.82 0.00	34.41 1.89 0.00	39.71 2.28 0.00	42.96 2.47 0.00	37.30 2.11 0.00	33.99 1.86 0.00	29.35 1.10 0.00	25.72 0.89 0.00	22.17 0.77 0.00
INDIAN POINT___3 23531	21.36 0.94 0.00	20.05 0.84 0.00	19.58 0.84 0.00	19.96 0.82 0.00	20.79 0.78 0.00	22.61 0.97 0.00	30.10 1.24 0.00	32.14 1.76 0.00	32.90 1.77 0.00	32.03 1.73 0.00	33.81 1.85 0.00	33.95 1.92 0.00	32.06 1.84 0.00	31.91 1.89 0.00	31.57 1.87 0.00	31.13 1.84 0.00	34.44 1.92 0.00	39.71 2.28 0.00	42.96 2.47 0.00	37.26 2.08 0.00	33.99 1.86 0.00	29.38 1.13 0.00	25.75 0.92 0.00	22.32 0.92 0.00
INGHAM_C_115KV_TB7 356103	20.42 0.00 0.00	19.18 -0.02 0.00	18.70 -0.04 0.00	19.11 -0.02 0.00	20.01 0.00 0.00	21.66 0.02 0.00	28.86 0.00 0.00	30.34 -0.03 0.00	31.12 0.00 0.00	30.33 0.03 0.00	31.99 0.03 0.00	32.03 0.00 0.00	30.19 -0.03 0.00	30.02 0.00 0.00	29.70 0.00 0.00	29.31 0.03 0.00	32.62 0.10 0.00	37.57 0.15 0.00	40.73 0.24 0.00	35.47 0.28 0.00	32.41 0.29 0.00	28.50 0.25 0.00	25.08 0.25 0.00	21.70 0.30 0.00
IP CORINTH___1 23988	21.14 0.71 0.00	19.87 0.67 0.00	19.40 0.66 0.00	19.80 0.67 0.00	20.71 0.70 0.00	22.54 0.91 0.00	29.99 1.13 0.00	31.74 1.37 0.00	32.55 1.43 0.00	31.70 1.39 0.00	33.39 1.44 0.00	33.53 1.51 0.00	31.55 1.33 0.00	31.31 1.29 0.00	30.92 1.22 0.00	30.46 1.17 0.00	33.82 1.30 0.00	38.92 1.50 0.00	42.23 1.74 0.00	36.70 1.51 0.00	33.41 1.28 0.00	29.15 0.90 0.00	25.57 0.74 0.00	22.15 0.75 0.00
IP___TICONDEROGA 23804	21.69 1.27 0.00	20.35 1.15 0.00	19.88 1.14 0.00	20.32 1.19 0.00	21.29 1.28 0.00	23.24 1.60 0.00	30.88 2.02 0.00	32.74 2.37 0.00	33.49 2.37 0.00	32.55 2.24 0.00	34.32 2.36 0.00	34.53 2.50 0.00	32.39 2.18 0.00	32.03 2.01 0.00	31.60 1.90 0.00	31.07 1.79 0.00	34.60 2.08 0.00	39.86 2.43 0.00	43.32 2.83 0.00	37.72 2.53 0.00	34.28 2.15 0.00	29.89 1.64 0.00	26.24 1.42 0.00	22.75 1.35 0.00
ISLIP_RES_REC 323679	21.96 1.53 0.00	20.70 1.50 0.00	20.24 1.50 0.00	20.59 1.45 0.00	21.39 1.38 0.00	23.32 1.69 0.00	31.40 2.31 -0.23	33.05 2.67 0.00	34.14 3.02 0.00	34.13 2.91 -0.92	35.97 3.07 -0.94	37.87 3.23 -2.61	35.73 3.02 -2.49	35.82 3.15 -2.65	37.15 3.03 -4.42	35.95 3.02 -3.65	38.05 3.32 -2.21	43.14 3.93 -1.79	46.05 4.17 -1.39	39.11 3.63 -0.30	35.18 3.05 0.00	30.63 2.18 -0.20	27.46 1.81 -0.82	25.13 1.56 -2.16

JAMAICA__27_KV_LOAD 355505	21.45 1.02 0.00	20.09 0.88 0.00	19.62 0.88 0.00	19.98 0.84 0.00	20.77 0.76 0.00	22.65 1.02 0.00	30.28 1.41 0.00	32.50 2.13 0.00	33.30 2.18 0.00	32.36 2.06 0.00	34.19 2.24 0.00	34.37 2.34 0.00	32.48 2.27 0.00	32.39 2.37 0.00	32.08 2.38 0.00	31.60 2.31 0.00	34.86 2.34 0.00	40.27 2.84 0.00	43.53 3.04 0.00	37.79 2.60 0.00	34.50 2.38 0.00	29.72 1.47 0.00	26.00 1.17 0.00	22.47 1.07 0.00
JANIS__SOLAR 323808	21.20 0.78 0.00	19.91 0.71 0.00	19.43 0.69 0.00	19.82 0.69 0.00	20.89 0.88 0.00	22.67 1.04 0.00	29.99 1.12 0.00	31.65 1.28 0.00	32.09 0.97 0.00	31.03 0.73 0.00	32.69 0.74 0.00	32.57 0.54 0.00	30.76 0.54 0.00	30.44 0.42 0.00	30.15 0.45 0.00	29.81 0.53 0.00	33.43 0.91 0.00	38.81 1.39 0.00	42.23 1.74 0.00	36.70 1.51 0.00	33.44 1.32 0.00	29.13 0.88 0.00	25.62 0.79 0.00	22.37 0.96 0.00
JARVIS____ 23743	20.57 0.14 0.00	19.34 0.14 0.00	18.87 0.13 0.00	19.27 0.13 0.00	20.13 0.12 0.00	21.77 0.13 0.00	29.01 0.15 0.00	30.62 0.24 0.00	31.37 0.25 0.00	30.54 0.24 0.00	32.21 0.25 0.00	32.28 0.26 0.00	30.46 0.24 0.00	30.26 0.24 0.00	29.94 0.24 0.00	29.55 0.26 0.00	32.81 0.29 0.00	37.76 0.34 0.00	40.85 0.36 0.00	35.50 0.32 0.00	32.38 0.26 0.00	28.36 0.11 0.00	24.93 0.10 0.00	21.53 0.13 0.00
JENNISON____1 23625	21.36 0.94 0.00	20.05 0.84 0.00	19.55 0.81 0.00	19.96 0.82 0.00	21.03 1.02 0.00	22.80 1.17 0.00	30.25 1.39 0.00	32.01 1.64 0.00	32.71 1.59 0.00	31.70 1.39 0.00	33.42 1.47 0.00	33.34 1.31 0.00	31.46 1.24 0.00	31.16 1.14 0.00	30.80 1.10 0.00	30.46 1.17 0.00	34.05 1.53 0.00	39.41 1.98 0.00	42.80 2.31 0.00	37.12 1.94 0.00	33.83 1.70 0.00	29.41 1.16 0.00	25.90 1.07 0.00	22.54 1.13 0.00
JENNISON____2 23626	21.36 0.94 0.00	20.05 0.84 0.00	19.55 0.81 0.00	19.96 0.82 0.00	21.03 1.02 0.00	22.80 1.17 0.00	30.25 1.39 0.00	32.01 1.64 0.00	32.71 1.59 0.00	31.70 1.39 0.00	33.42 1.47 0.00	33.34 1.31 0.00	31.46 1.24 0.00	31.16 1.14 0.00	30.80 1.10 0.00	30.46 1.17 0.00	34.05 1.53 0.00	39.41 1.98 0.00	42.80 2.31 0.00	37.12 1.94 0.00	33.83 1.70 0.00	29.41 1.16 0.00	25.90 1.07 0.00	22.54 1.13 0.00
JERICOHO_RISE_WT_PWR 323719	19.81 -0.61 0.00	18.59 -0.62 0.00	18.20 -0.54 0.00	18.66 -0.48 0.00	19.53 -0.48 0.00	21.20 -0.43 0.00	28.46 -0.40 0.00	29.77 -0.61 0.00	30.69 -0.44 0.00	30.09 -0.21 0.00	31.83 -0.13 0.00	31.90 -0.13 0.00	30.13 -0.09 0.00	29.87 -0.15 0.00	29.61 -0.09 0.00	29.17 -0.12 0.00	32.42 -0.10 0.00	36.90 -0.52 0.00	39.80 -0.69 0.00	34.62 -0.56 0.00	32.00 -0.13 0.00	28.76 0.51 0.00	25.25 0.42 0.00	21.49 0.09 0.00
KATONAH__115KV_46KV_TB4 355592	21.47 1.04 0.00	20.16 0.96 0.00	19.68 0.94 0.00	20.07 0.94 0.00	20.89 0.88 0.00	22.67 1.04 0.00	30.25 1.39 0.00	32.29 1.91 0.00	33.11 1.99 0.00	32.30 2.00 0.00	34.09 2.14 0.00	34.27 2.24 0.00	32.27 2.05 0.00	32.12 2.10 0.00	31.78 2.08 0.00	31.33 2.05 0.00	34.73 2.21 0.00	39.93 2.51 0.00	43.28 2.79 0.00	37.51 2.32 0.00	34.24 2.12 0.00	29.55 1.30 0.00	25.87 1.04 0.00	22.43 1.03 0.00
KCE_NY_1 323755	21.28 0.86 0.00	20.01 0.81 0.00	19.51 0.77 0.00	19.96 0.82 0.00	20.83 0.82 0.00	22.57 0.93 0.00	30.10 1.24 0.00	31.89 1.52 0.00	32.71 1.59 0.00	31.82 1.51 0.00	33.52 1.57 0.00	33.66 1.63 0.00	31.67 1.45 0.00	31.46 1.44 0.00	31.10 1.40 0.00	30.63 1.35 0.00	34.02 1.50 0.00	39.07 1.64 0.00	42.35 1.86 0.00	36.81 1.62 0.00	33.54 1.41 0.00	29.26 1.02 0.00	25.67 0.84 0.00	22.17 0.77 0.00
KCE_NY_6_ESR 323823	18.89 -1.53 0.00	17.76 -1.44 0.00	17.33 -1.41 0.00	17.68 -1.45 0.00	18.89 -1.12 0.00	20.42 -1.21 0.00	26.06 -2.80 0.00	27.27 -3.10 0.00	28.07 -3.05 0.00	27.24 -3.06 0.00	28.60 -3.35 0.00	28.47 -3.56 0.00	27.26 -2.96 0.00	26.69 -3.33 0.00	26.46 -3.24 0.00	26.06 -3.22 0.00	29.11 -3.41 0.00	33.35 -4.08 0.00	36.32 -4.17 0.00	31.60 -3.59 0.00	28.98 -3.15 0.00	25.40 -2.85 0.00	22.74 -2.09 0.00	20.54 -0.86 0.00
KEDC_PORT_JEFF_GT2 24210	21.85 1.43 0.00	20.60 1.40 0.00	20.15 1.41 0.00	20.47 1.34 0.00	21.29 1.28 0.00	23.17 1.54 0.00	31.20 2.11 -0.23	32.83 2.46 0.00	33.92 2.80 0.00	33.92 2.70 -0.92	35.74 2.84 -0.94	37.62 2.98 -2.61	35.49 2.78 -2.49	35.58 2.91 -2.65	36.95 2.82 -4.42	35.75 2.81 -3.65	37.83 3.09 -2.22	42.89 3.67 -1.80	45.77 3.89 -1.40	38.87 3.38 -0.31	34.95 2.83 0.00	30.46 2.01 -0.20	27.31 1.66 -0.82	25.00 1.43 -2.16
KEDC_PORT_JEFF_GT3 24211	21.85 1.43 0.00	20.60 1.40 0.00	20.15 1.41 0.00	20.47 1.34 0.00	21.29 1.28 0.00	23.17 1.54 0.00	31.20 2.11 -0.23	32.83 2.46 0.00	33.92 2.80 0.00	33.92 2.70 -0.92	35.74 2.84 -0.94	37.62 2.98 -2.61	35.49 2.78 -2.49	35.58 2.91 -2.65	36.95 2.82 -4.42	35.75 2.81 -3.65	37.83 3.09 -2.22	42.89 3.67 -1.80	45.77 3.89 -1.40	38.87 3.38 -0.31	34.95 2.83 0.00	30.46 2.01 -0.20	27.31 1.66 -0.82	25.00 1.43 -2.16
KEDC_GLWD_GT4 24219	21.85 1.43 0.00	20.51 1.31 0.00	20.03 1.29 0.00	20.40 1.26 0.00	21.25 1.24 0.00	23.09 1.45 0.00	31.08 1.99 -0.23	32.95 2.58 0.00	33.83 2.71 0.00	33.89 2.67 -0.92	35.77 2.88 -0.94	37.49 2.85 -2.61	35.55 2.84 -2.49	35.55 2.88 -2.65	36.97 2.85 -4.42	35.72 2.78 -3.65	37.49 2.80 -2.17	42.32 3.14 -1.75	45.24 3.40 -1.35	38.41 2.96 -0.26	34.95 2.83 0.00	30.40 1.95 -0.20	27.26 1.61 -0.82	24.98 1.41 -2.16
KEDC_GLWD_GT5 24220	21.85 1.43 0.00	20.51 1.31 0.00	20.03 1.29 0.00	20.40 1.26 0.00	21.25 1.24 0.00	23.09 1.45 0.00	31.08 1.99 -0.23	32.95 2.58 0.00	33.83 2.71 0.00	33.89 2.67 -0.92	35.77 2.88 -0.94	37.49 2.85 -2.61	35.55 2.84 -2.49	35.55 2.88 -2.65	36.97 2.85 -4.42	35.72 2.78 -3.65	37.49 2.80 -2.17	42.32 3.14 -1.75	45.24 3.40 -1.35	38.41 2.96 -0.26	34.95 2.83 0.00	30.40 1.95 -0.20	27.26 1.61 -0.82	24.98 1.41 -2.16
KENSICO____ 23655	21.40 0.98 0.00	20.10 0.90 0.00	19.62 0.88 0.00	19.99 0.86 0.00	20.83 0.82 0.00	22.65 1.02 0.00	30.16 1.30 0.00	32.23 1.85 0.00	33.02 1.90 0.00	32.12 1.82 0.00	33.90 1.95 0.00	34.08 2.05 0.00	32.15 1.93 0.00	32.03 2.01 0.00	31.69 1.99 0.00	31.22 1.93 0.00	34.54 2.02 0.00	39.82 2.40 0.00	43.08 2.59 0.00	37.37 2.18 0.00	34.12 1.99 0.00	29.46 1.21 0.00	25.82 0.99 0.00	22.39 0.98 0.00
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	21.34 0.92 0.00	20.05 0.84 0.00	19.56 0.82 0.00	19.94 0.80 0.00	20.79 0.78 0.00	22.59 0.95 0.00	30.10 1.24 0.00	32.01 1.64 0.00	32.77 1.65 0.00	31.88 1.58 0.00	33.58 1.63 0.00	33.69 1.67 0.00	31.79 1.57 0.00	31.67 1.65 0.00	31.33 1.63 0.00	30.92 1.64 0.00	34.31 1.79 0.00	39.63 2.21 0.00	42.96 2.47 0.00	37.26 2.08 0.00	34.02 1.90 0.00	29.32 1.07 0.00	25.67 0.84 0.00	22.26 0.86 0.00

KIAC_JFK_GT1 23816	21.38 0.96 0.00	20.03 0.83 0.00	19.58 0.84 0.00	19.94 0.80 0.00	20.73 0.72 0.00	22.61 0.97 0.00	30.19 1.33 0.00	32.41 2.04 0.00	33.21 2.09 0.00	32.30 2.00 0.00	34.13 2.17 0.00	34.27 2.24 0.00	32.42 2.21 0.00	32.30 2.28 0.00	31.99 2.29 0.00	31.51 2.23 0.00	34.76 2.24 0.00	40.16 2.73 0.00	43.40 2.92 0.00	37.65 2.46 0.00	34.41 2.28 0.00	29.61 1.36 0.00	25.92 1.09 0.00	22.41 1.01 0.00
KIAC_JFK_GT2 23817	21.38 0.96 0.00	20.03 0.83 0.00	19.58 0.84 0.00	19.94 0.80 0.00	20.73 0.72 0.00	22.61 0.97 0.00	30.19 1.33 0.00	32.41 2.04 0.00	33.21 2.09 0.00	32.30 2.00 0.00	34.13 2.17 0.00	34.27 2.24 0.00	32.42 2.21 0.00	32.30 2.28 0.00	31.99 2.29 0.00	31.51 2.23 0.00	34.76 2.24 0.00	40.16 2.73 0.00	43.40 2.92 0.00	37.65 2.46 0.00	34.41 2.28 0.00	29.61 1.36 0.00	25.92 1.09 0.00	22.41 1.01 0.00
KIAC_JFK____ 323774	21.38 0.96 0.00	20.03 0.83 0.00	19.58 0.84 0.00	19.94 0.80 0.00	20.73 0.72 0.00	22.50 0.87 0.00	30.16 1.30 0.00	32.47 2.09 0.00	33.21 2.09 0.00	32.27 1.97 0.00	34.13 2.17 0.00	34.27 2.24 0.00	32.42 2.20 0.00	32.33 2.31 0.00	31.99 2.29 0.00	31.51 2.22 0.00	34.76 2.24 0.00	40.16 2.73 0.00	43.41 2.92 0.00	37.72 2.54 0.00	34.37 2.25 0.00	29.61 1.36 0.00	25.90 1.07 0.00	22.26 0.86 0.00
KINTIGH____ 23543	18.77 -1.65 0.00	17.63 -1.57 0.00	17.17 -1.57 0.00	17.53 -1.61 0.00	18.69 -1.32 0.00	20.10 -1.54 0.00	25.83 -3.03 0.00	27.12 -3.25 0.00	27.92 -3.21 0.00	26.97 -3.33 0.00	28.44 -3.51 0.00	28.35 -3.68 0.00	27.04 -3.17 0.00	26.51 -3.51 0.00	26.29 -3.42 0.00	25.89 -3.40 0.00	28.91 -3.61 0.00	33.12 -4.30 0.00	35.91 -4.58 0.00	31.28 -3.91 0.00	28.66 -3.47 0.00	25.23 -3.02 0.00	22.64 -2.18 0.00	20.16 -1.24 0.00
KNTFSRNC_46_KV_46KV_LOAD 80397	20.06 -0.37 0.00	18.84 -0.36 0.00	18.44 -0.30 0.00	18.89 -0.25 0.00	19.79 -0.22 0.00	21.51 -0.13 0.00	28.75 -0.12 0.00	30.13 -0.24 0.00	31.00 -0.12 0.00	30.42 0.12 0.00	32.18 0.22 0.00	32.25 0.22 0.00	30.43 0.21 0.00	30.17 0.15 0.00	29.88 0.18 0.00	29.46 0.18 0.00	32.78 0.26 0.00	37.16 -0.26 0.00	40.12 -0.36 0.00	35.50 0.32 0.00	32.45 0.32 0.00	29.24 0.99 0.00	25.62 0.79 0.00	21.83 0.43 0.00
LACHUTE____HYDRO 323717	21.69 1.27 0.00	20.35 1.15 0.00	19.86 1.12 0.00	20.32 1.19 0.00	21.29 1.28 0.00	23.15 1.51 0.00	30.85 1.99 0.00	32.74 2.37 0.00	33.49 2.36 0.00	32.51 2.21 0.00	34.32 2.36 0.00	34.53 2.50 0.00	32.39 2.18 0.00	32.03 2.01 0.00	31.57 1.87 0.00	31.07 1.79 0.00	34.60 2.08 0.00	39.86 2.43 0.00	43.32 2.83 0.00	37.76 2.57 0.00	34.28 2.15 0.00	29.89 1.64 0.00	26.24 1.41 0.00	22.64 1.24 0.00
LAWRNCV_115KV_TB1 80681	20.02 -0.41 0.00	18.82 -0.38 0.00	18.38 -0.36 0.00	18.81 -0.33 0.00	19.65 -0.36 0.00	21.33 -0.30 0.00	28.80 -0.06 0.00	30.13 -0.24 0.00	30.84 -0.28 0.00	30.15 -0.15 0.00	31.83 -0.13 0.00	31.87 -0.16 0.00	30.10 -0.12 0.00	29.90 -0.12 0.00	29.58 -0.12 0.00	29.08 -0.20 0.00	32.03 -0.49 0.00	36.79 -0.64 0.00	39.76 -0.73 0.00	34.70 -0.49 0.00	31.96 -0.16 0.00	28.53 0.28 0.00	25.03 0.20 0.00	21.27 -0.13 0.00
LEDERLE____ 23769	21.42 1.00 0.00	20.10 0.90 0.00	19.62 0.88 0.00	19.99 0.86 0.00	20.85 0.84 0.00	22.67 1.04 0.00	30.19 1.33 0.00	32.32 1.94 0.00	33.11 1.99 0.00	32.24 1.94 0.00	34.03 2.08 0.00	34.17 2.15 0.00	32.24 2.02 0.00	32.12 2.10 0.00	31.75 2.05 0.00	31.31 2.02 0.00	34.67 2.15 0.00	40.01 2.58 0.00	43.28 2.79 0.00	37.51 2.32 0.00	34.24 2.12 0.00	29.55 1.30 0.00	25.87 1.04 0.00	22.43 1.03 0.00
LIGHTHSE_115KV_TB6 355974	20.20 -0.22 0.00	18.97 -0.23 0.00	18.52 -0.22 0.00	18.89 -0.25 0.00	19.85 -0.16 0.00	21.40 -0.24 0.00	28.34 -0.52 0.00	29.89 -0.49 0.00	30.56 -0.56 0.00	29.64 -0.67 0.00	31.31 -0.64 0.00	31.26 -0.77 0.00	29.46 -0.76 0.00	29.18 -0.84 0.00	28.87 -0.83 0.00	28.44 -0.85 0.00	31.74 -0.78 0.00	36.68 -0.75 0.00	39.76 -0.73 0.00	34.59 -0.60 0.00	31.64 -0.48 0.00	27.77 -0.48 0.00	24.43 -0.40 0.00	21.17 -0.24 0.00
LINDEN COGEN____ 23786	21.30 0.88 0.00	19.95 0.75 0.00	19.51 0.77 0.00	19.86 0.73 0.00	20.67 0.66 0.00	22.39 0.76 0.00	29.96 1.10 0.00	32.16 1.79 0.00	32.83 1.71 0.00	31.97 1.67 0.00	33.60 1.76 0.11	33.68 1.86 0.21	32.06 1.84 0.00	31.97 1.95 0.00	31.63 1.93 0.00	31.16 1.88 0.00	34.12 1.82 0.22	35.04 2.17 4.55	40.12 2.31 2.67	34.46 1.97 2.70	33.92 1.80 0.00	29.29 1.05 0.00	25.67 0.84 0.00	22.11 0.71 0.00
LINDHRST_69_KV_BK1 356055	21.94 1.51 0.00	20.62 1.42 0.00	20.15 1.41 0.00	20.51 1.38 0.00	21.41 1.40 0.00	23.32 1.69 0.00	31.31 2.22 -0.23	32.99 2.61 0.00	33.95 2.83 0.00	33.98 2.76 -0.92	35.87 2.97 -0.94	37.75 3.11 -2.61	35.64 2.93 -2.49	35.64 2.97 -2.65	37.06 2.94 -4.42	35.84 2.90 -3.65	37.78 3.09 -2.17	42.81 3.63 -1.75	45.85 4.01 -1.35	38.83 3.38 -0.27	35.08 2.96 0.00	30.54 2.09 -0.20	27.41 1.76 -0.82	25.23 1.67 -2.16
LIPA_MISC_IPP 23656	21.79 1.37 0.00	20.58 1.38 0.00	20.11 1.37 0.00	20.45 1.32 0.00	21.35 1.34 0.00	23.24 1.60 0.00	31.23 2.14 -0.23	32.68 2.31 0.00	33.86 2.74 0.00	33.83 2.61 -0.92	35.68 2.78 -0.94	37.59 2.95 -2.61	35.46 2.75 -2.49	35.52 2.85 -2.65	36.86 2.73 -4.42	35.69 2.75 -3.65	37.73 2.99 -2.21	42.81 3.59 -1.80	45.65 3.77 -1.39	38.73 3.24 -0.31	34.79 2.67 0.00	30.37 1.92 -0.20	27.29 1.64 -0.82	25.08 1.52 -2.16
LISF__SOLAR 323691	21.81 1.39 0.00	20.60 1.40 0.00	20.15 1.41 0.00	20.47 1.34 0.00	21.25 1.24 0.00	23.17 1.54 0.00	31.23 2.14 -0.23	32.74 2.37 0.00	33.89 2.77 0.00	33.89 2.67 -0.92	35.65 2.75 -0.94	37.55 2.91 -2.61	35.37 2.66 -2.49	35.52 2.85 -2.65	36.85 2.73 -4.42	35.66 2.72 -3.65	37.79 3.06 -2.21	42.85 3.63 -1.80	45.65 3.77 -1.39	38.80 3.31 -0.30	34.85 2.73 0.00	30.40 1.95 -0.20	27.26 1.61 -0.82	24.96 1.39 -2.16
LITTLE FALLS____HYD 24013	20.42 0.00 0.00	19.18 -0.02 0.00	18.70 -0.04 0.00	19.11 -0.02 0.00	20.01 0.00 0.00	21.66 0.02 0.00	28.86 0.00 0.00	30.34 -0.03 0.00	31.12 0.00 0.00	30.33 0.03 0.00	31.99 0.03 0.00	32.03 0.03 0.00	30.19 -0.03 0.00	30.02 0.00 0.00	29.70 0.00 0.00	29.31 0.03 0.00	32.62 0.10 0.00	37.57 0.15 0.00	40.73 0.24 0.00	35.47 0.28 0.00	32.41 0.29 0.00	28.50 0.25 0.00	25.08 0.25 0.00	21.70 0.30 0.00
LITTLRIV_115KV_TB1 356100	20.14 -0.29 0.00	18.91 -0.29 0.00	18.50 -0.24 0.00	18.92 -0.21 0.00	19.77 -0.24 0.00	21.48 -0.15 0.00	29.06 0.20 0.00	30.40 0.03 0.00	31.12 0.00 0.00	30.42 0.12 0.00	32.15 0.19 0.00	32.12 0.10 0.00	30.34 0.12 0.00	30.14 0.12 0.00	29.82 0.12 0.00	29.31 0.03 0.00	32.26 -0.26 0.00	37.05 -0.37 0.00	40.08 -0.40 0.00	35.01 -0.18 0.00	32.25 0.13 0.00	28.76 0.51 0.00	25.20 0.37 0.00	21.40 0.00 0.00

LI_NEWBRDGE___DRP 323616	21.61 1.18 0.00	20.30 1.09 0.00	19.83 1.09 0.00	20.19 1.05 0.00	21.07 1.06 0.00	22.93 1.30 0.00	30.76 1.67 -0.23	32.47 2.10 0.00	33.39 2.27 0.00	33.43 2.21 -0.92	35.26 2.36 -0.94	37.11 2.47 -2.61	35.07 2.36 -2.49	35.07 2.36 -2.65	36.50 2.38 -4.42	35.28 2.34 -3.65	37.13 2.44 -2.17	42.10 2.92 -1.75	45.00 3.16 -1.35	38.13 2.67 -0.26	34.47 2.35 0.00	30.01 1.55 -0.20	26.97 1.32 -0.82	24.85 1.28 -2.16
LOCKPORT_115KV_TB60_63_64 80432	18.55 -1.88 0.00	17.42 -1.79 0.00	16.96 -1.78 0.00	17.35 -1.78 0.00	18.57 -1.44 0.00	19.93 -1.71 0.00	25.46 -3.41 0.00	26.76 -3.61 0.00	27.54 -3.58 0.00	26.61 -3.70 0.00	28.02 -3.93 0.00	27.93 -4.10 0.00	26.68 -3.54 0.00	26.12 -3.90 0.00	25.93 -3.77 0.00	25.54 -3.75 0.00	28.39 -4.13 0.00	32.52 -4.90 0.00	35.31 -5.18 0.00	30.75 -4.43 0.00	28.21 -3.92 0.00	24.83 -3.42 0.00	22.37 -2.46 0.00	20.10 -1.31 0.00
LOCKPORT___CC1 323769	18.55 -1.88 0.00	17.45 -1.75 0.00	17.02 -1.72 0.00	17.37 -1.76 0.00	18.57 -1.44 0.00	20.08 -1.56 0.00	25.51 -3.35 0.00	26.79 -3.58 0.00	27.60 -3.52 0.00	26.73 -3.58 0.00	28.05 -3.90 0.00	27.93 -4.10 0.00	26.68 -3.54 0.00	26.15 -3.87 0.00	25.93 -3.77 0.00	25.54 -3.75 0.00	28.39 -4.13 0.00	32.52 -4.90 0.00	35.39 -5.10 0.00	30.79 -4.40 0.00	28.30 -3.82 0.00	24.80 -3.45 0.00	22.25 -2.58 0.00	20.10 -1.31 0.00
LOCKPORT___CC2 323770	18.55 -1.88 0.00	17.45 -1.75 0.00	17.02 -1.72 0.00	17.37 -1.76 0.00	18.57 -1.44 0.00	20.08 -1.56 0.00	25.51 -3.35 0.00	26.79 -3.58 0.00	27.60 -3.52 0.00	26.73 -3.58 0.00	28.05 -3.90 0.00	27.93 -4.10 0.00	26.68 -3.54 0.00	26.15 -3.87 0.00	25.93 -3.77 0.00	25.54 -3.75 0.00	28.39 -4.13 0.00	32.52 -4.90 0.00	35.39 -5.10 0.00	30.79 -4.40 0.00	28.30 -3.82 0.00	24.80 -3.45 0.00	22.25 -2.58 0.00	20.10 -1.31 0.00
LOCKPORT___CC3 323771	18.55 -1.88 0.00	17.45 -1.75 0.00	17.02 -1.72 0.00	17.37 -1.76 0.00	18.57 -1.44 0.00	20.08 -1.56 0.00	25.51 -3.35 0.00	26.79 -3.58 0.00	27.60 -3.52 0.00	26.73 -3.58 0.00	28.05 -3.90 0.00	27.93 -4.10 0.00	26.68 -3.54 0.00	26.15 -3.87 0.00	25.93 -3.77 0.00	25.54 -3.75 0.00	28.39 -4.13 0.00	32.52 -4.90 0.00	35.39 -5.10 0.00	30.79 -4.40 0.00	28.30 -3.82 0.00	24.80 -3.45 0.00	22.25 -2.58 0.00	20.10 -1.31 0.00
LONG_LAKE_PHOENIX 24014	20.18 -0.25 0.00	18.97 -0.23 0.00	18.52 -0.22 0.00	18.89 -0.25 0.00	19.83 -0.18 0.00	21.31 -0.32 0.00	28.17 -0.69 0.00	29.74 -0.64 0.00	30.44 -0.68 0.00	29.58 -0.73 0.00	31.25 -0.70 0.00	31.23 -0.80 0.00	29.46 -0.76 0.00	29.21 -0.81 0.00	28.90 -0.80 0.00	28.44 -0.85 0.00	31.71 -0.81 0.00	36.53 -0.90 0.00	39.56 -0.93 0.00	34.38 -0.81 0.00	31.35 -0.77 0.00	27.54 -0.71 0.00	24.26 -0.57 0.00	21.06 -0.34 0.00
LOVETT___3 23632	21.34 0.92 0.00	20.03 0.83 0.00	19.55 0.81 0.00	19.94 0.80 0.00	20.77 0.76 0.00	22.59 0.95 0.00	30.07 1.21 0.00	32.10 1.73 0.00	32.86 1.74 0.00	32.00 1.70 0.00	33.74 1.79 0.00	33.92 1.89 0.00	32.00 1.78 0.00	31.88 1.86 0.00	31.51 1.81 0.00	31.07 1.79 0.00	34.41 1.89 0.00	39.67 2.25 0.00	42.96 2.47 0.00	37.23 2.04 0.00	33.96 1.83 0.00	29.32 1.07 0.00	25.72 0.89 0.00	22.30 0.90 0.00
LOVETT___4 23642	21.34 0.92 0.00	20.03 0.83 0.00	19.55 0.81 0.00	19.94 0.80 0.00	20.77 0.76 0.00	22.59 0.95 0.00	30.07 1.21 0.00	32.10 1.73 0.00	32.86 1.74 0.00	32.00 1.70 0.00	33.74 1.79 0.00	33.92 1.89 0.00	32.00 1.78 0.00	31.88 1.86 0.00	31.51 1.81 0.00	31.07 1.79 0.00	34.41 1.89 0.00	39.67 2.25 0.00	42.96 2.47 0.00	37.23 2.04 0.00	33.96 1.83 0.00	29.32 1.07 0.00	25.72 0.89 0.00	22.30 0.90 0.00
LOVETT___5 23593	21.34 0.92 0.00	20.03 0.83 0.00	19.55 0.81 0.00	19.94 0.80 0.00	20.77 0.76 0.00	22.59 0.95 0.00	30.07 1.21 0.00	32.10 1.73 0.00	32.86 1.74 0.00	32.00 1.70 0.00	33.74 1.79 0.00	33.92 1.89 0.00	32.00 1.78 0.00	31.88 1.86 0.00	31.51 1.81 0.00	31.07 1.79 0.00	34.41 1.89 0.00	39.67 2.25 0.00	42.96 2.47 0.00	37.23 2.04 0.00	33.96 1.83 0.00	29.32 1.07 0.00	25.72 0.89 0.00	22.30 0.90 0.00
LOWER RAQUET___HYD 24057	19.99 -0.43 0.00	18.78 -0.42 0.00	18.37 -0.37 0.00	18.77 -0.36 0.00	19.63 -0.38 0.00	21.29 -0.35 0.00	28.78 -0.09 0.00	30.07 -0.30 0.00	30.84 -0.28 0.00	30.12 -0.18 0.00	31.83 -0.13 0.00	31.84 -0.19 0.00	30.07 -0.15 0.00	29.87 -0.15 0.00	29.58 -0.12 0.00	29.05 -0.24 0.00	31.94 -0.58 0.00	36.68 -0.75 0.00	39.68 -0.81 0.00	34.52 -0.67 0.00	31.96 -0.16 0.00	28.53 0.28 0.00	25.03 0.20 0.00	21.27 -0.13 0.00
LOWER___HUDSON 24059	21.12 0.69 0.00	19.89 0.69 0.00	19.40 0.66 0.00	19.82 0.69 0.00	20.65 0.64 0.00	22.37 0.74 0.00	29.81 0.95 0.00	31.59 1.22 0.00	32.37 1.25 0.00	31.55 1.24 0.00	33.14 1.18 0.00	33.34 1.31 0.00	31.36 1.15 0.00	31.22 1.20 0.00	30.86 1.16 0.00	30.43 1.14 0.00	33.72 1.20 0.00	38.81 1.39 0.00	41.91 1.42 0.00	36.49 1.30 0.00	33.28 1.15 0.00	29.01 0.76 0.00	25.45 0.62 0.00	21.98 0.58 0.00
LOWVILLE_115KV_TB2 356335	20.28 -0.14 0.00	19.03 -0.17 0.00	18.57 -0.17 0.00	18.98 -0.15 0.00	19.89 -0.12 0.00	21.59 -0.04 0.00	28.83 -0.03 0.00	30.46 0.09 0.00	31.21 0.09 0.00	30.36 0.06 0.00	32.21 0.26 0.00	32.16 0.13 0.00	30.31 0.09 0.00	30.11 0.09 0.00	29.79 0.09 0.00	29.40 0.12 0.00	32.75 0.23 0.00	37.91 0.49 0.00	41.10 0.61 0.00	35.82 0.63 0.00	32.80 0.67 0.00	28.73 0.48 0.00	25.23 0.40 0.00	21.72 0.32 0.00
LUTHERFT_115KV_GLOB_FND_222 355753	21.26 0.84 0.00	20.01 0.81 0.00	19.53 0.79 0.00	19.94 0.80 0.00	20.83 0.82 0.00	22.65 1.02 0.00	30.13 1.27 0.00	31.86 1.49 0.00	32.68 1.56 0.00	31.82 1.52 0.00	33.52 1.57 0.00	33.66 1.63 0.00	31.67 1.45 0.00	31.46 1.44 0.00	31.07 1.37 0.00	30.63 1.35 0.00	33.98 1.46 0.00	39.07 1.65 0.00	42.31 1.82 0.00	36.77 1.58 0.00	33.54 1.41 0.00	29.24 0.99 0.00	25.67 0.84 0.00	22.28 0.88 0.00
LUTHERNY_35_KV_BK2 355980	21.28 0.86 0.00	20.01 0.81 0.00	19.53 0.79 0.00	19.96 0.82 0.00	20.83 0.82 0.00	22.65 1.02 0.00	30.13 1.27 0.00	31.89 1.52 0.00	32.71 1.59 0.00	31.85 1.55 0.00	33.52 1.57 0.00	33.66 1.63 0.00	31.67 1.45 0.00	31.46 1.44 0.00	31.10 1.40 0.00	30.63 1.35 0.00	34.02 1.50 0.00	39.11 1.68 0.00	42.35 1.86 0.00	36.77 1.58 0.00	33.54 1.41 0.00	29.27 1.02 0.00	25.70 0.87 0.00	22.28 0.88 0.00
LWR___OSWEGATCHIE_HYD 23850	20.04 -0.39 0.00	18.82 -0.38 0.00	18.38 -0.36 0.00	18.79 -0.34 0.00	19.67 -0.34 0.00	21.35 -0.28 0.00	28.69 -0.17 0.00	30.13 -0.24 0.00	30.84 -0.28 0.00	30.06 -0.24 0.00	31.76 -0.19 0.00	31.74 -0.29 0.00	29.94 -0.27 0.00	29.75 -0.27 0.00	29.46 -0.24 0.00	28.99 -0.29 0.00	32.10 -0.42 0.00	37.01 -0.41 0.00	40.12 -0.36 0.00	35.01 -0.18 0.00	32.19 0.06 0.00	28.48 0.23 0.00	24.98 0.15 0.00	21.36 -0.04 0.00

LYONS_FALL_HYD 23570	20.53 0.10 0.00	19.26 0.06 0.00	18.80 0.06 0.00	19.21 0.08 0.00	20.13 0.12 0.00	21.83 0.19 0.00	29.12 0.26 0.00	30.80 0.43 0.00	31.56 0.44 0.00	30.70 0.39 0.00	32.46 0.51 0.00	32.44 0.42 0.00	30.58 0.36 0.00	30.38 0.36 0.00	30.06 0.36 0.00	29.66 0.38 0.00	33.04 0.52 0.00	38.17 0.75 0.00	41.38 0.89 0.00	36.03 0.84 0.00	32.93 0.80 0.00	28.81 0.56 0.00	25.30 0.47 0.00	21.83 0.43 0.00
MADISON___COUNTY_LFGE 323628	20.96 0.53 0.00	19.68 0.48 0.00	19.19 0.45 0.00	19.59 0.46 0.00	20.57 0.56 0.00	22.26 0.63 0.00	29.58 0.72 0.00	31.31 0.94 0.00	32.09 0.96 0.00	31.18 0.88 0.00	32.91 0.96 0.00	32.86 0.83 0.00	31.00 0.79 0.00	30.74 0.72 0.00	30.41 0.71 0.00	30.02 0.73 0.00	33.46 0.94 0.00	38.62 1.20 0.00	41.87 1.38 0.00	36.35 1.16 0.00	33.18 1.06 0.00	28.98 0.73 0.00	25.47 0.65 0.00	22.02 0.62 0.00
MALONE___115KV_TB1 356076	19.97 -0.45 0.00	18.76 -0.44 0.00	18.37 -0.37 0.00	18.81 -0.33 0.00	19.69 -0.32 0.00	21.40 -0.24 0.00	28.78 -0.09 0.00	30.16 -0.21 0.00	31.03 -0.09 0.00	30.42 0.12 0.00	32.21 0.26 0.00	32.25 0.22 0.00	30.40 0.18 0.00	30.17 0.15 0.00	29.88 0.18 0.00	29.43 0.15 0.00	32.62 0.10 0.00	37.24 -0.19 0.00	40.21 -0.28 0.00	35.33 0.14 0.00	32.35 0.22 0.00	28.98 0.73 0.00	25.42 0.60 0.00	21.62 0.21 0.00
MAPLEWOD_115KV_TB3 80458	21.24 0.82 0.00	19.99 0.79 0.00	19.51 0.77 0.00	19.94 0.80 0.00	20.77 0.76 0.00	22.59 0.95 0.00	29.96 1.10 0.00	31.74 1.37 0.00	32.55 1.43 0.00	31.73 1.42 0.00	33.36 1.41 0.00	33.50 1.47 0.00	31.55 1.33 0.00	31.37 1.35 0.00	31.04 1.34 0.00	30.60 1.32 0.00	33.92 1.40 0.00	39.03 1.61 0.00	42.19 1.70 0.00	36.67 1.48 0.00	33.47 1.35 0.00	29.15 0.90 0.00	25.57 0.74 0.00	22.24 0.83 0.00
MAPLE_RIDGE_WT_1 323574	19.67 -0.76 0.00	18.51 -0.69 0.00	18.07 -0.67 0.00	18.46 -0.67 0.00	19.31 -0.70 0.00	20.90 -0.74 0.00	28.08 -0.78 0.00	29.49 -0.88 0.00	30.31 -0.81 0.00	29.58 -0.73 0.00	31.25 -0.70 0.00	31.39 -0.64 0.00	29.64 -0.58 0.00	29.51 -0.51 0.00	29.22 -0.48 0.00	28.85 -0.44 0.00	32.03 -0.49 0.00	36.75 -0.67 0.00	39.64 -0.85 0.00	34.41 -0.77 0.00	31.45 -0.68 0.00	27.77 -0.48 0.00	24.38 -0.45 0.00	20.93 -0.47 0.00
MAPLE_RIDGE_WT_2 323611	19.67 -0.76 0.00	18.51 -0.69 0.00	18.07 -0.67 0.00	18.46 -0.67 0.00	19.31 -0.70 0.00	20.90 -0.74 0.00	28.08 -0.78 0.00	29.49 -0.88 0.00	30.31 -0.81 0.00	29.58 -0.73 0.00	31.25 -0.70 0.00	31.39 -0.64 0.00	29.64 -0.58 0.00	29.51 -0.51 0.00	29.22 -0.48 0.00	28.85 -0.44 0.00	32.03 -0.49 0.00	36.75 -0.67 0.00	39.64 -0.85 0.00	34.41 -0.77 0.00	31.45 -0.68 0.00	27.77 -0.48 0.00	24.38 -0.45 0.00	20.93 -0.47 0.00
MARBLE_RIVER_WT_PWR 323696	19.83 -0.59 0.00	18.63 -0.58 0.00	18.22 -0.52 0.00	18.67 -0.46 0.00	19.57 -0.44 0.00	21.25 -0.39 0.00	28.46 -0.40 0.00	29.80 -0.58 0.00	30.69 -0.44 0.00	30.12 -0.18 0.00	31.86 -0.10 0.00	31.93 -0.10 0.00	30.13 -0.09 0.00	29.90 -0.12 0.00	29.61 -0.09 0.00	29.20 -0.09 0.00	32.42 -0.10 0.00	36.86 -0.56 0.00	39.76 -0.73 0.00	34.59 -0.60 0.00	32.03 -0.10 0.00	28.81 0.56 0.00	25.30 0.47 0.00	21.55 0.15 0.00
MARSHVLE_115KV_TB1 80742	21.55 1.12 0.00	20.20 1.00 0.00	19.71 0.97 0.00	20.15 1.01 0.00	21.13 1.12 0.00	22.98 1.34 0.00	30.45 1.59 0.00	32.23 1.85 0.00	32.93 1.81 0.00	31.91 1.61 0.00	33.62 1.66 0.00	33.66 1.63 0.00	31.73 1.51 0.00	31.46 1.44 0.00	31.10 1.40 0.00	30.66 1.38 0.00	34.15 1.63 0.00	39.48 2.06 0.00	42.96 2.47 0.00	37.37 2.18 0.00	34.05 1.93 0.00	29.80 1.55 0.00	26.17 1.34 0.00	22.64 1.24 0.00
MARSH_HILL_WT_PWR 323713	20.47 0.04 0.00	19.26 0.06 0.00	18.80 0.06 0.00	19.21 0.08 0.00	20.33 0.32 0.00	22.07 0.43 0.00	29.09 0.23 0.00	30.83 0.46 0.00	31.46 0.34 0.00	30.58 0.27 0.00	32.46 0.51 0.00	32.32 0.29 0.00	30.55 0.33 0.00	30.23 0.21 0.00	29.91 0.21 0.00	29.52 0.23 0.00	32.98 0.46 0.00	38.06 0.64 0.00	41.34 0.85 0.00	35.82 0.63 0.00	32.61 0.48 0.00	28.45 0.20 0.00	25.03 0.20 0.00	21.94 0.54 0.00
MCINTYRE_115KV_TB2 80467	20.22 -0.20 0.00	19.01 -0.19 0.00	18.57 -0.17 0.00	19.00 -0.13 0.00	19.87 -0.14 0.00	21.59 -0.04 0.00	29.24 0.38 0.00	30.53 0.15 0.00	31.21 0.09 0.00	30.52 0.21 0.00	32.21 0.26 0.00	32.22 0.19 0.00	30.40 0.18 0.00	30.23 0.21 0.00	29.88 0.18 0.00	29.40 0.12 0.00	32.42 -0.10 0.00	37.28 -0.15 0.00	40.37 -0.12 0.00	35.22 0.04 0.00	32.38 0.26 0.00	28.84 0.59 0.00	25.28 0.45 0.00	21.47 0.06 0.00
MECO_____69_KV_BK1 80468	22.16 1.74 0.00	20.78 1.57 0.00	20.28 1.54 0.00	20.74 1.61 0.00	21.79 1.78 0.00	23.76 2.12 0.00	31.52 2.66 0.00	33.23 2.86 0.00	33.89 2.77 0.00	32.76 2.45 0.00	34.57 2.62 0.00	34.69 2.66 0.00	32.63 2.42 0.00	32.33 2.31 0.00	31.90 2.20 0.00	31.48 2.20 0.00	35.15 2.63 0.00	40.79 3.37 0.00	44.54 4.05 0.00	38.71 3.52 0.00	35.21 3.08 0.00	30.74 2.49 0.00	26.99 2.16 0.00	23.37 1.97 0.00
MENANDS___115KV_TB5 355628	21.22 0.80 0.00	19.97 0.77 0.00	19.49 0.75 0.00	19.92 0.78 0.00	20.75 0.74 0.00	22.57 0.93 0.00	29.93 1.07 0.00	31.68 1.31 0.00	32.49 1.37 0.00	31.67 1.36 0.00	33.30 1.34 0.00	33.47 1.44 0.00	31.49 1.27 0.00	31.34 1.32 0.00	31.01 1.31 0.00	30.57 1.29 0.00	33.85 1.33 0.00	38.96 1.53 0.00	42.11 1.62 0.00	36.60 1.41 0.00	33.38 1.25 0.00	29.10 0.85 0.00	25.52 0.70 0.00	22.19 0.79 0.00
MG INDUSTRY___DRP 24185	21.16 0.74 0.00	19.91 0.71 0.00	19.43 0.69 0.00	19.84 0.71 0.00	20.71 0.70 0.00	22.48 0.84 0.00	29.81 0.95 0.00	31.53 1.15 0.00	32.30 1.18 0.00	31.45 1.15 0.00	33.07 1.12 0.00	33.18 1.15 0.00	31.27 1.06 0.00	31.07 1.05 0.00	30.74 1.04 0.00	30.31 1.02 0.00	33.63 1.11 0.00	38.70 1.27 0.00	41.87 1.38 0.00	36.38 1.20 0.00	33.22 1.09 0.00	29.01 0.76 0.00	25.47 0.65 0.00	22.13 0.73 0.00
MID___OSWEGATCHIE_HYD 23849	20.04 -0.39 0.00	18.82 -0.38 0.00	18.38 -0.36 0.00	18.79 -0.34 0.00	19.67 -0.34 0.00	21.35 -0.28 0.00	28.69 -0.17 0.00	30.13 -0.24 0.00	30.84 -0.28 0.00	30.06 -0.24 0.00	31.76 -0.19 0.00	31.74 -0.29 0.00	29.94 -0.27 0.00	29.75 -0.27 0.00	29.46 -0.24 0.00	28.99 -0.29 0.00	32.10 -0.42 0.00	37.01 -0.41 0.00	40.12 -0.36 0.00	35.01 -0.18 0.00	32.19 0.06 0.00	28.48 0.23 0.00	24.98 0.15 0.00	21.36 -0.04 0.00
MID___RAQUETTE_HYD 23851	20.00 -0.43 0.00	18.78 -0.42 0.00	18.37 -0.37 0.00	18.77 -0.36 0.00	19.63 -0.38 0.00	21.31 -0.32 0.00	28.78 -0.09 0.00	30.10 -0.27 0.00	30.84 -0.28 0.00	30.12 -0.18 0.00	31.83 -0.13 0.00	31.84 -0.19 0.00	30.07 -0.15 0.00	29.87 -0.15 0.00	29.55 -0.15 0.00	29.05 -0.23 0.00	31.94 -0.59 0.00	36.68 -0.75 0.00	39.68 -0.81 0.00	34.63 -0.56 0.00	31.96 -0.16 0.00	28.53 0.28 0.00	25.03 0.20 0.00	21.27 -0.13 0.00

MILLIKEN___1 23584	20.81 0.39 0.00	19.57 0.36 0.00	19.08 0.34 0.00	19.48 0.34 0.00	20.47 0.46 0.00	22.11 0.48 0.00	29.27 0.40 0.00	30.92 0.55 0.00	31.43 0.31 0.00	30.48 0.18 0.00	32.18 0.22 0.00	32.09 0.06 0.00	30.34 0.12 0.00	30.05 0.03 0.00	29.73 0.03 0.00	29.31 0.03 0.00	32.75 0.23 0.00	37.84 0.41 0.00	41.06 0.57 0.00	35.65 0.46 0.00	32.51 0.39 0.00	28.45 0.20 0.00	25.03 0.20 0.00	21.79 0.39 0.00
MILLIKEN___2 23585	20.81 0.39 0.00	19.57 0.36 0.00	19.08 0.34 0.00	19.48 0.34 0.00	20.47 0.46 0.00	22.11 0.48 0.00	29.27 0.40 0.00	30.92 0.55 0.00	31.43 0.31 0.00	30.48 0.18 0.00	32.18 0.22 0.00	32.09 0.06 0.00	30.34 0.12 0.00	30.05 0.03 0.00	29.73 0.03 0.00	29.31 0.03 0.00	32.75 0.23 0.00	37.84 0.41 0.00	41.06 0.57 0.00	35.65 0.46 0.00	32.51 0.39 0.00	28.45 0.20 0.00	25.03 0.20 0.00	21.79 0.39 0.00
MILLIKEN___DIESEL 23629	20.81 0.39 0.00	19.57 0.36 0.00	19.08 0.34 0.00	19.48 0.34 0.00	20.47 0.46 0.00	22.11 0.48 0.00	29.27 0.40 0.00	30.92 0.55 0.00	31.43 0.31 0.00	30.48 0.18 0.00	32.18 0.22 0.00	32.09 0.06 0.00	30.34 0.12 0.00	30.05 0.03 0.00	29.73 0.03 0.00	29.31 0.03 0.00	32.75 0.23 0.00	37.84 0.41 0.00	41.06 0.57 0.00	35.65 0.46 0.00	32.51 0.39 0.00	28.45 0.20 0.00	25.03 0.20 0.00	21.79 0.39 0.00
MILLSEAT___LFGE 323607	18.89 -1.53 0.00	17.78 -1.42 0.00	17.33 -1.41 0.00	17.70 -1.44 0.00	18.87 -1.14 0.00	20.45 -1.19 0.00	26.09 -2.77 0.00	27.40 -2.98 0.00	28.23 -2.89 0.00	27.27 -3.03 0.00	28.66 -3.29 0.00	28.57 -3.46 0.00	27.22 -2.99 0.00	26.69 -3.33 0.00	26.46 -3.24 0.00	26.09 -3.19 0.00	29.01 -3.51 0.00	33.35 -4.08 0.00	36.32 -4.17 0.00	31.64 -3.55 0.00	29.01 -3.12 0.00	25.40 -2.85 0.00	22.69 -2.14 0.00	20.42 -0.98 0.00
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	21.38 0.96 0.00	20.09 0.88 0.00	19.60 0.86 0.00	19.98 0.84 0.00	20.81 0.80 0.00	22.61 0.97 0.00	30.13 1.27 0.00	32.17 1.79 0.00	32.96 1.84 0.00	32.09 1.79 0.00	33.87 1.92 0.00	34.01 1.99 0.00	32.09 1.87 0.00	31.97 1.95 0.00	31.63 1.93 0.00	31.19 1.90 0.00	34.50 1.98 0.00	39.78 2.36 0.00	43.04 2.55 0.00	37.33 2.15 0.00	34.05 1.93 0.00	29.41 1.16 0.00	25.80 0.97 0.00	22.36 0.96 0.00
MILLWOOD_13_KV_LOAD 356217	21.42 1.00 0.00	20.12 0.92 0.00	19.64 0.90 0.00	20.01 0.88 0.00	20.85 0.84 0.00	22.65 1.02 0.00	30.19 1.33 0.00	32.23 1.85 0.00	33.05 1.93 0.00	32.18 1.88 0.00	33.97 2.01 0.00	34.14 2.11 0.00	32.18 1.96 0.00	32.06 2.04 0.00	31.72 2.02 0.00	31.28 1.99 0.00	34.60 2.08 0.00	39.86 2.43 0.00	43.20 2.71 0.00	37.44 2.25 0.00	34.18 2.06 0.00	29.49 1.24 0.00	25.85 1.02 0.00	22.39 0.98 0.00
MODEL_CITY_ENERGY 24167	18.36 -2.06 0.00	17.28 -1.92 0.00	16.85 -1.89 0.00	17.20 -1.93 0.00	18.39 -1.62 0.00	19.90 -1.73 0.00	25.23 -3.64 0.00	26.43 -3.95 0.00	27.23 -3.89 0.00	26.36 -3.94 0.00	27.64 -4.31 0.00	27.51 -4.51 0.00	26.32 -3.90 0.00	25.79 -4.23 0.00	25.57 -4.13 0.00	25.18 -4.10 0.00	28.07 -4.45 0.00	32.15 -5.28 0.00	34.94 -5.55 0.00	30.44 -4.75 0.00	27.95 -4.18 0.00	24.52 -3.73 0.00	22.00 -2.83 0.00	19.88 -1.52 0.00
MODERN_LFGE___ 323580	18.36 -2.06 0.00	17.28 -1.92 0.00	16.85 -1.89 0.00	17.20 -1.93 0.00	18.39 -1.62 0.00	19.90 -1.73 0.00	25.23 -3.64 0.00	26.43 -3.95 0.00	27.23 -3.89 0.00	26.36 -3.94 0.00	27.64 -4.31 0.00	27.51 -4.51 0.00	26.32 -3.90 0.00	25.79 -4.23 0.00	25.57 -4.13 0.00	25.18 -4.10 0.00	28.07 -4.45 0.00	32.15 -5.28 0.00	34.94 -5.55 0.00	30.44 -4.75 0.00	27.95 -4.18 0.00	24.52 -3.73 0.00	22.00 -2.83 0.00	19.88 -1.52 0.00
MOHAWK_PAPER___DRP 24187	21.24 0.82 0.00	19.99 0.79 0.00	19.51 0.77 0.00	19.94 0.80 0.00	20.77 0.76 0.00	22.59 0.95 0.00	29.96 1.10 0.00	31.74 1.37 0.00	32.55 1.43 0.00	31.73 1.42 0.00	33.36 1.41 0.00	33.50 1.47 0.00	31.55 1.33 0.00	31.37 1.35 0.00	31.04 1.34 0.00	30.60 1.32 0.00	33.92 1.40 0.00	39.03 1.61 0.00	42.19 1.70 0.00	36.67 1.48 0.00	33.47 1.35 0.00	29.15 0.90 0.00	25.57 0.74 0.00	22.24 0.83 0.00
MOHICAN___35_KV_115KV_LD 80490	21.26 0.84 0.00	19.97 0.77 0.00	19.49 0.75 0.00	19.92 0.78 0.00	20.81 0.80 0.00	22.67 1.04 0.00	30.13 1.27 0.00	31.89 1.52 0.00	32.71 1.59 0.00	31.82 1.52 0.00	33.55 1.60 0.00	33.69 1.67 0.00	31.67 1.45 0.00	31.43 1.41 0.00	31.04 1.34 0.00	30.57 1.29 0.00	33.98 1.46 0.00	39.11 1.68 0.00	42.43 1.94 0.00	36.88 1.69 0.00	33.60 1.48 0.00	29.29 1.05 0.00	25.70 0.87 0.00	22.28 0.88 0.00
MONGAUP___HYD 23641	21.44 1.02 0.00	20.14 0.94 0.00	19.64 0.90 0.00	20.01 0.88 0.00	20.87 0.86 0.00	22.61 0.97 0.00	29.99 1.12 0.00	31.95 1.58 0.00	32.62 1.49 0.00	31.97 1.67 0.00	33.68 1.72 0.00	33.82 1.79 0.00	31.88 1.66 0.00	31.73 1.71 0.00	31.39 1.69 0.00	30.98 1.70 0.00	34.18 1.66 0.00	39.52 2.09 0.00	42.88 2.39 0.00	37.30 2.11 0.00	34.28 2.15 0.00	29.46 1.21 0.00	25.77 0.94 0.00	22.21 0.81 0.00
MONTAUK___DIESEL 23721	22.41 1.98 0.00	21.18 1.98 0.00	20.69 1.95 0.00	21.05 1.91 0.00	22.01 2.00 0.00	23.97 2.34 0.00	32.21 3.12 -0.23	33.74 3.37 0.00	34.98 3.86 0.00	34.92 3.70 -0.92	36.89 3.99 -0.94	38.80 4.16 -2.61	36.61 3.90 -2.49	36.60 3.93 -2.65	37.89 3.77 -4.42	36.69 3.75 -3.65	38.77 4.03 -2.21	44.01 4.79 -1.80	46.94 5.06 -1.39	39.82 4.33 -0.31	35.72 3.60 0.00	31.19 2.74 -0.20	27.98 2.33 -0.82	25.70 2.14 -2.16
MOONROAD_115KV_HARTFLD_TB1-2 355988	18.71 -1.72 0.00	17.38 -1.82 0.00	16.96 -1.78 0.00	17.51 -1.63 0.00	18.63 -1.38 0.00	20.12 -1.51 0.00	26.09 -2.77 0.00	27.21 -3.16 0.00	28.04 -3.08 0.00	27.27 -3.03 0.00	28.89 -3.07 0.00	28.89 -3.14 0.00	27.71 -2.51 0.00	27.32 -2.70 0.00	27.09 -2.61 0.00	26.74 -2.55 0.00	29.89 -2.63 0.00	34.39 -3.03 0.00	37.37 -3.12 0.00	32.27 -2.92 0.00	29.43 -2.70 0.00	25.90 -2.34 0.00	23.31 -1.51 0.00	21.06 -0.34 0.00
MORTIMER_115KV_TB3 55949	19.44 -0.98 0.00	18.26 -0.94 0.00	17.80 -0.94 0.00	18.18 -0.96 0.00	19.25 -0.76 0.00	20.73 -0.91 0.00	26.96 -1.90 0.00	28.37 -2.00 0.00	29.19 -1.93 0.00	28.24 -2.06 0.00	29.81 -2.14 0.00	29.79 -2.24 0.00	28.28 -1.93 0.00	27.83 -2.19 0.00	27.56 -2.14 0.00	27.18 -2.11 0.00	30.28 -2.24 0.00	34.80 -2.62 0.00	37.78 -2.71 0.00	32.87 -2.32 0.00	30.04 -2.09 0.00	26.38 -1.86 0.00	23.46 -1.37 0.00	20.67 -0.73 0.00
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	21.45 1.02 0.00	20.10 0.90 0.00	19.64 0.90 0.00	20.01 0.88 0.00	20.83 0.82 0.00	22.63 1.00 0.00	30.16 1.30 0.00	32.29 1.91 0.00	33.05 1.93 0.00	32.18 1.88 0.00	33.97 2.01 0.00	34.14 2.11 0.00	32.24 2.02 0.00	32.12 2.10 0.00	31.78 2.08 0.00	31.31 2.02 0.00	34.60 2.08 0.00	39.89 2.47 0.00	43.12 2.63 0.00	37.41 2.22 0.00	34.18 2.06 0.00	29.46 1.21 0.00	25.85 1.02 0.00	22.41 1.01 0.00

MUNSVILLE_WIND_PWR 323609	21.69 1.27 0.00	20.32 1.11 0.00	19.83 1.09 0.00	20.26 1.13 0.00	21.39 1.38 0.00	23.28 1.64 0.00	30.85 1.99 0.00	32.65 2.28 0.00	33.21 2.09 0.00	32.09 1.79 0.00	33.81 1.85 0.00	33.63 1.60 0.00	31.73 1.51 0.00	31.40 1.38 0.00	31.10 1.40 0.00	30.84 1.55 0.00	34.60 2.08 0.00	40.19 2.77 0.00	43.77 3.28 0.00	38.00 2.82 0.00	34.63 2.51 0.00	29.94 1.69 0.00	26.32 1.49 0.00	22.96 1.56 0.00
N SALMON___HYD 24042	19.97 -0.45 0.00	18.76 -0.44 0.00	18.37 -0.37 0.00	18.81 -0.33 0.00	19.69 -0.32 0.00	21.38 -0.26 0.00	28.78 -0.09 0.00	30.13 -0.24 0.00	31.03 -0.09 0.00	30.42 0.12 0.00	32.21 0.25 0.00	32.25 0.23 0.00	30.40 0.18 0.00	30.17 0.15 0.00	29.88 0.18 0.00	29.43 0.15 0.00	32.62 0.10 0.00	37.24 -0.19 0.00	40.21 -0.28 0.00	34.98 -0.21 0.00	32.35 0.23 0.00	28.98 0.73 0.00	25.40 0.57 0.00	21.59 0.19 0.00
N.AKRON___115KV_KNAPP 355671	18.89 -1.53 0.00	17.72 -1.48 0.00	17.28 -1.46 0.00	17.68 -1.45 0.00	18.87 -1.14 0.00	20.29 -1.34 0.00	26.03 -2.83 0.00	27.37 -3.01 0.00	28.20 -2.93 0.00	27.18 -3.12 0.00	28.66 -3.29 0.00	28.57 -3.46 0.00	27.26 -2.96 0.00	26.69 -3.33 0.00	26.46 -3.24 0.00	26.09 -3.19 0.00	29.01 -3.51 0.00	33.31 -4.12 0.00	36.20 -4.29 0.00	31.53 -3.66 0.00	28.91 -3.21 0.00	25.40 -2.85 0.00	22.82 -2.01 0.00	20.42 -0.98 0.00
N.BELMOR_69_KV_BK1 55787	21.79 1.37 0.00	20.47 1.27 0.00	20.00 1.26 0.00	20.36 1.22 0.00	21.25 1.24 0.00	23.13 1.49 0.00	31.05 1.96 -0.23	32.77 2.40 0.00	33.70 2.58 0.00	33.74 2.52 -0.92	35.58 2.68 -0.94	37.43 2.79 -2.61	35.37 2.66 -2.49	35.37 2.70 -2.65	36.80 2.67 -4.42	35.57 2.64 -3.65	37.46 2.76 -2.17	42.47 3.29 -1.75	45.44 3.60 -1.35	38.51 3.06 -0.26	34.86 2.73 0.00	30.35 1.89 -0.20	27.24 1.59 -0.82	25.06 1.50 -2.16
N.E_GEN_SANDY PD 24062	21.20 0.78 0.00	19.97 0.77 0.00	19.47 0.73 0.00	19.90 0.77 0.00	20.71 0.70 0.00	22.41 0.78 0.00	29.90 1.04 0.00	31.77 1.40 0.00	32.58 1.46 0.00	31.82 1.42 -0.10	33.23 1.37 0.10	33.53 1.51 0.00	31.58 1.36 0.00	31.46 1.44 0.00	31.13 1.43 0.00	30.69 1.41 0.00	33.95 1.43 0.00	39.03 1.61 0.00	42.15 1.66 0.00	36.67 1.48 0.00	32.54 1.35 0.94	30.03 0.85 -0.94	25.50 0.67 0.00	22.00 0.60 0.00
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	21.36 0.94 0.00	20.07 0.86 0.00	19.58 0.84 0.00	19.96 0.82 0.00	20.81 0.80 0.00	22.61 0.97 0.00	30.10 1.24 0.00	32.17 1.79 0.00	32.93 1.81 0.00	32.06 1.76 0.00	33.84 1.89 0.00	34.01 1.99 0.00	32.09 1.87 0.00	31.94 1.92 0.00	31.60 1.90 0.00	31.16 1.87 0.00	34.47 1.95 0.00	39.78 2.36 0.00	43.04 2.55 0.00	37.30 2.11 0.00	34.05 1.93 0.00	29.41 1.16 0.00	25.77 0.94 0.00	22.34 0.94 0.00
N.QUEENS_27_KV_LOAD 356247	21.71 1.29 0.00	20.30 1.09 0.00	19.85 1.11 0.00	20.19 1.05 0.00	20.97 0.96 0.00	22.59 0.95 0.00	29.96 1.10 0.00	32.20 1.82 0.00	33.02 1.90 0.00	32.12 1.82 0.00	33.97 2.01 0.00	34.11 2.08 0.00	32.24 2.02 0.00	32.15 2.13 0.00	31.81 2.11 0.00	31.33 2.05 0.00	34.57 2.05 0.00	39.86 2.43 0.00	43.12 2.63 0.00	37.37 2.18 0.00	34.12 1.99 0.00	29.35 1.10 0.00	25.82 0.99 0.00	22.49 1.09 0.00
N.TROY___115KV_TB1 355778	21.12 0.69 0.00	19.89 0.69 0.00	19.41 0.67 0.00	19.82 0.69 0.00	20.65 0.64 0.00	22.50 0.87 0.00	29.84 0.98 0.00	31.59 1.21 0.00	32.40 1.28 0.00	31.55 1.24 0.00	33.17 1.21 0.00	33.34 1.31 0.00	31.37 1.15 0.00	31.22 1.20 0.00	30.86 1.16 0.00	30.43 1.14 0.00	33.72 1.20 0.00	38.81 1.38 0.00	41.95 1.46 0.00	36.45 1.27 0.00	33.28 1.16 0.00	29.01 0.76 0.00	25.45 0.62 0.00	22.11 0.71 0.00
NARROWS_GT1_1 24228	21.68 1.25 -0.01	20.26 1.06 0.00	19.83 1.09 0.00	20.17 1.03 0.00	20.97 0.96 0.00	22.59 0.95 0.00	30.19 1.33 0.00	32.50 2.13 0.00	33.31 2.18 -0.01	32.39 2.09 0.00	34.28 2.30 -0.03	34.44 2.37 -0.04	32.52 2.30 -0.01	32.44 2.40 -0.01	32.06 2.35 -0.01	31.61 2.31 -0.01	34.91 2.34 -0.04	40.25 2.77 -0.06	43.86 2.95 -0.41	38.17 2.57 -0.42	34.42 2.28 -0.01	29.67 1.41 -0.01	26.03 1.19 -0.01	22.45 1.05 0.00
NARROWS_GT1_2 24229	21.68 1.25 -0.01	20.26 1.06 0.00	19.83 1.09 0.00	20.17 1.03 0.00	20.97 0.96 0.00	22.59 0.95 0.00	30.19 1.33 0.00	32.50 2.13 0.00	33.31 2.18 -0.01	32.39 2.09 0.00	34.28 2.30 -0.03	34.44 2.37 -0.04	32.52 2.30 -0.01	32.44 2.40 -0.01	32.06 2.35 -0.01	31.61 2.31 -0.01	34.91 2.34 -0.04	40.25 2.77 -0.06	43.86 2.95 -0.41	38.17 2.57 -0.42	34.42 2.28 -0.01	29.67 1.41 -0.01	26.03 1.19 -0.01	22.45 1.05 0.00
NARROWS_GT1_3 24230	21.68 1.25 -0.01	20.26 1.06 0.00	19.83 1.09 0.00	20.17 1.03 0.00	20.97 0.96 0.00	22.59 0.95 0.00	30.19 1.33 0.00	32.50 2.13 0.00	33.31 2.18 -0.01	32.39 2.09 0.00	34.28 2.30 -0.03	34.44 2.37 -0.04	32.52 2.30 -0.01	32.44 2.40 -0.01	32.06 2.35 -0.01	31.61 2.31 -0.01	34.91 2.34 -0.04	40.25 2.77 -0.06	43.86 2.95 -0.41	38.17 2.57 -0.42	34.42 2.28 -0.01	29.67 1.41 -0.01	26.03 1.19 -0.01	22.45 1.05 0.00
NARROWS_GT1_4 24231	21.68 1.25 -0.01	20.26 1.06 0.00	19.83 1.09 0.00	20.17 1.03 0.00	20.97 0.96 0.00	22.59 0.95 0.00	30.19 1.33 0.00	32.50 2.13 0.00	33.31 2.18 -0.01	32.39 2.09 0.00	34.28 2.30 -0.03	34.44 2.37 -0.04	32.52 2.30 -0.01	32.44 2.40 -0.01	32.06 2.35 -0.01	31.61 2.31 -0.01	34.91 2.34 -0.04	40.25 2.77 -0.06	43.86 2.95 -0.41	38.17 2.57 -0.42	34.42 2.28 -0.01	29.67 1.41 -0.01	26.03 1.19 -0.01	22.45 1.05 0.00
NARROWS_GT1_5 24232	21.68 1.25 -0.01	20.26 1.06 0.00	19.83 1.09 0.00	20.17 1.03 0.00	20.97 0.96 0.00	22.59 0.95 0.00	30.19 1.33 0.00	32.50 2.13 0.00	33.31 2.18 -0.01	32.39 2.09 0.00	34.28 2.30 -0.03	34.44 2.37 -0.04	32.52 2.30 -0.01	32.44 2.40 -0.01	32.06 2.35 -0.01	31.61 2.31 -0.01	34.91 2.34 -0.04	40.25 2.77 -0.06	43.86 2.95 -0.41	38.17 2.57 -0.42	34.42 2.28 -0.01	29.67 1.41 -0.01	26.03 1.19 -0.01	22.45 1.05 0.00
NARROWS_GT1_6 24233	21.68 1.25 -0.01	20.26 1.06 0.00	19.83 1.09 0.00	20.17 1.03 0.00	20.97 0.96 0.00	22.59 0.95 0.00	30.19 1.33 0.00	32.50 2.13 0.00	33.31 2.18 -0.01	32.39 2.09 0.00	34.28 2.30 -0.03	34.44 2.37 -0.04	32.52 2.30 -0.01	32.44 2.40 -0.01	32.06 2.35 -0.01	31.61 2.31 -0.01	34.91 2.34 -0.04	40.25 2.77 -0.06	43.86 2.95 -0.41	38.17 2.57 -0.42	34.42 2.28 -0.01	29.67 1.41 -0.01	26.03 1.19 -0.01	22.45 1.05 0.00
NARROWS_GT1_7 24234	21.68 1.25 -0.01	20.26 1.06 0.00	19.83 1.09 0.00	20.17 1.03 0.00	20.97 0.96 0.00	22.59 0.95 0.00	30.19 1.33 0.00	32.50 2.13 0.00	33.31 2.18 -0.01	32.39 2.09 0.00	34.28 2.30 -0.03	34.44 2.37 -0.04	32.52 2.30 -0.01	32.44 2.40 -0.01	32.06 2.35 -0.01	31.61 2.31 -0.01	34.91 2.34 -0.04	40.25 2.77 -0.06	43.86 2.95 -0.41	38.17 2.57 -0.42	34.42 2.28 -0.01	29.67 1.41 -0.01	26.03 1.19 -0.01	22.45 1.05 0.00

NARROWS_GT1_8 24235	21.68 1.25 -0.01	20.26 1.06 0.00	19.83 1.09 0.00	20.17 1.03 0.00	20.97 0.96 0.00	22.59 0.95 0.00	30.19 1.33 0.00	32.50 2.13 0.00	33.31 2.18 -0.01	32.39 2.09 0.00	34.28 2.30 -0.03	34.44 2.37 -0.04	32.52 2.30 -0.01	32.44 2.40 -0.01	32.06 2.35 -0.01	31.61 2.31 -0.01	34.91 2.34 -0.04	40.25 2.77 -0.06	43.86 2.95 -0.41	38.17 2.57 -0.42	34.42 2.28 -0.01	29.67 1.41 -0.01	26.03 1.19 -0.01	22.45 1.05 0.00
NARROWS_GT2_1 24236	21.68 1.25 -0.01	20.26 1.06 0.00	19.83 1.09 0.00	20.17 1.03 0.00	20.97 0.96 0.00	22.59 0.95 0.00	30.19 1.33 0.00	32.50 2.13 0.00	33.31 2.18 -0.01	32.39 2.09 0.00	34.28 2.30 -0.03	34.44 2.37 -0.04	32.52 2.30 -0.01	32.44 2.40 -0.01	32.06 2.35 -0.01	31.61 2.31 -0.01	34.91 2.34 -0.04	40.25 2.77 -0.06	43.86 2.95 -0.41	38.17 2.57 -0.42	34.42 2.28 -0.01	29.67 1.41 -0.01	26.03 1.19 -0.01	22.45 1.05 0.00
NARROWS_GT2_2 24237	21.68 1.25 -0.01	20.26 1.06 0.00	19.83 1.09 0.00	20.17 1.03 0.00	20.97 0.96 0.00	22.59 0.95 0.00	30.19 1.33 0.00	32.50 2.13 0.00	33.31 2.18 -0.01	32.39 2.09 0.00	34.28 2.30 -0.03	34.44 2.37 -0.04	32.52 2.30 -0.01	32.44 2.40 -0.01	32.06 2.35 -0.01	31.61 2.31 -0.01	34.91 2.34 -0.04	40.25 2.77 -0.06	43.86 2.95 -0.41	38.17 2.57 -0.42	34.42 2.28 -0.01	29.67 1.41 -0.01	26.03 1.19 -0.01	22.45 1.05 0.00
NARROWS_GT2_3 24238	21.68 1.25 -0.01	20.26 1.06 0.00	19.83 1.09 0.00	20.17 1.03 0.00	20.97 0.96 0.00	22.59 0.95 0.00	30.19 1.33 0.00	32.50 2.13 0.00	33.31 2.18 -0.01	32.39 2.09 0.00	34.28 2.30 -0.03	34.44 2.37 -0.04	32.52 2.30 -0.01	32.44 2.40 -0.01	32.06 2.35 -0.01	31.61 2.31 -0.01	34.91 2.34 -0.04	40.25 2.77 -0.06	43.86 2.95 -0.41	38.17 2.57 -0.42	34.42 2.28 -0.01	29.67 1.41 -0.01	26.03 1.19 -0.01	22.45 1.05 0.00
NARROWS_GT2_4 24239	21.68 1.25 -0.01	20.26 1.06 0.00	19.83 1.09 0.00	20.17 1.03 0.00	20.97 0.96 0.00	22.59 0.95 0.00	30.19 1.33 0.00	32.50 2.13 0.00	33.31 2.18 -0.01	32.39 2.09 0.00	34.28 2.30 -0.03	34.44 2.37 -0.04	32.52 2.30 -0.01	32.44 2.40 -0.01	32.06 2.35 -0.01	31.61 2.31 -0.01	34.91 2.34 -0.04	40.25 2.77 -0.06	43.86 2.95 -0.41	38.17 2.57 -0.42	34.42 2.28 -0.01	29.67 1.41 -0.01	26.03 1.19 -0.01	22.45 1.05 0.00
NARROWS_GT2_5 24240	21.68 1.25 -0.01	20.26 1.06 0.00	19.83 1.09 0.00	20.17 1.03 0.00	20.97 0.96 0.00	22.59 0.95 0.00	30.19 1.33 0.00	32.50 2.13 0.00	33.31 2.18 -0.01	32.39 2.09 0.00	34.28 2.30 -0.03	34.44 2.37 -0.04	32.52 2.30 -0.01	32.44 2.40 -0.01	32.06 2.35 -0.01	31.61 2.31 -0.01	34.91 2.34 -0.04	40.25 2.77 -0.06	43.86 2.95 -0.41	38.17 2.57 -0.42	34.42 2.28 -0.01	29.67 1.41 -0.01	26.03 1.19 -0.01	22.45 1.05 0.00
NARROWS_GT2_6 24241	21.68 1.25 -0.01	20.26 1.06 0.00	19.83 1.09 0.00	20.17 1.03 0.00	20.97 0.96 0.00	22.59 0.95 0.00	30.19 1.33 0.00	32.50 2.13 0.00	33.31 2.18 -0.01	32.39 2.09 0.00	34.28 2.30 -0.03	34.44 2.37 -0.04	32.52 2.30 -0.01	32.44 2.40 -0.01	32.06 2.35 -0.01	31.61 2.31 -0.01	34.91 2.34 -0.04	40.25 2.77 -0.06	43.86 2.95 -0.41	38.17 2.57 -0.42	34.42 2.28 -0.01	29.67 1.41 -0.01	26.03 1.19 -0.01	22.45 1.05 0.00
NARROWS_GT2_7 24242	21.68 1.25 -0.01	20.26 1.06 0.00	19.83 1.09 0.00	20.17 1.03 0.00	20.97 0.96 0.00	22.59 0.95 0.00	30.19 1.33 0.00	32.50 2.13 0.00	33.31 2.18 -0.01	32.39 2.09 0.00	34.28 2.30 -0.03	34.44 2.37 -0.04	32.52 2.30 -0.01	32.44 2.40 -0.01	32.06 2.35 -0.01	31.61 2.31 -0.01	34.91 2.34 -0.04	40.25 2.77 -0.06	43.86 2.95 -0.41	38.17 2.57 -0.42	34.42 2.28 -0.01	29.67 1.41 -0.01	26.03 1.19 -0.01	22.45 1.05 0.00
NARROWS_GT2_8 24243	21.68 1.25 -0.01	20.26 1.06 0.00	19.83 1.09 0.00	20.17 1.03 0.00	20.97 0.96 0.00	22.59 0.95 0.00	30.19 1.33 0.00	32.50 2.13 0.00	33.31 2.18 -0.01	32.39 2.09 0.00	34.28 2.30 -0.03	34.44 2.37 -0.04	32.52 2.30 -0.01	32.44 2.40 -0.01	32.06 2.35 -0.01	31.61 2.31 -0.01	34.91 2.34 -0.04	40.25 2.77 -0.06	43.86 2.95 -0.41	38.17 2.57 -0.42	34.42 2.28 -0.01	29.67 1.41 -0.01	26.03 1.19 -0.01	22.45 1.05 0.00
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	21.49 1.06 0.00	20.22 1.02 0.00	19.73 0.99 0.00	20.17 1.03 0.00	21.05 1.04 0.00	22.91 1.28 0.00	30.39 1.53 0.00	32.01 1.64 0.00	32.74 1.62 0.00	31.85 1.55 0.00	33.42 1.47 0.00	33.53 1.51 0.00	31.52 1.30 0.00	31.31 1.29 0.00	30.98 1.28 0.00	30.54 1.26 0.00	33.95 1.43 0.00	39.11 1.68 0.00	42.43 1.94 0.00	36.91 1.72 0.00	33.70 1.57 0.00	29.38 1.13 0.00	25.77 0.94 0.00	22.41 1.01 0.00
NCHELSEA_115KV_TR2 355582	21.49 1.06 0.00	20.18 0.98 0.00	19.70 0.96 0.00	20.09 0.96 0.00	20.91 0.90 0.00	22.74 1.10 0.00	30.28 1.41 0.00	32.23 1.85 0.00	33.02 1.90 0.00	32.18 1.88 0.00	33.93 1.98 0.00	34.08 2.05 0.00	32.09 1.87 0.00	31.97 1.95 0.00	31.60 1.90 0.00	31.16 1.87 0.00	34.57 2.05 0.00	39.82 2.40 0.00	43.12 2.63 0.00	37.41 2.22 0.00	34.15 2.02 0.00	29.49 1.24 0.00	25.82 0.99 0.00	22.41 1.01 0.00
NEG CAPITAL___MECHNVIL 23645	21.30 0.88 0.00	20.05 0.84 0.00	19.55 0.81 0.00	19.97 0.84 0.00	20.85 0.84 0.00	22.61 0.97 0.00	30.16 1.30 0.00	31.95 1.58 0.00	32.74 1.62 0.00	31.88 1.57 0.00	33.58 1.63 0.00	33.72 1.70 0.00	31.73 1.51 0.00	31.52 1.50 0.00	31.16 1.45 0.00	30.72 1.43 0.00	34.08 1.56 0.00	39.18 1.76 0.00	42.43 1.94 0.00	36.91 1.72 0.00	33.60 1.48 0.00	29.32 1.07 0.00	25.72 0.89 0.00	22.19 0.79 0.00
NEG CENTRAL_HIGH_ACRES 23767	19.28 -1.14 0.00	18.15 -1.06 0.00	17.69 -1.05 0.00	18.04 -1.09 0.00	19.05 -0.96 0.00	20.62 -1.02 0.00	26.87 -1.99 0.00	28.34 -2.03 0.00	29.13 -1.99 0.00	28.24 -2.06 0.00	29.78 -2.17 0.00	29.69 -2.34 0.00	28.13 -2.08 0.00	27.74 -2.28 0.00	27.44 -2.26 0.00	27.06 -2.23 0.00	30.18 -2.34 0.00	34.73 -2.70 0.00	37.73 -2.75 0.00	32.79 -2.39 0.00	29.94 -2.19 0.00	26.22 -2.03 0.00	23.19 -1.64 0.00	20.48 -0.92 0.00
NEG CENTRAL___DRP 24199	20.34 -0.08 0.00	19.13 -0.08 0.00	18.65 -0.09 0.00	19.04 -0.10 0.00	20.07 0.06 0.00	21.66 0.02 0.00	28.60 -0.26 0.00	30.22 -0.15 0.00	30.87 -0.25 0.00	29.94 -0.36 0.00	31.70 -0.26 0.00	31.58 -0.45 0.00	29.85 -0.36 0.00	29.54 -0.48 0.00	29.23 -0.48 0.00	28.82 -0.47 0.00	32.16 -0.36 0.00	37.05 -0.37 0.00	40.21 -0.28 0.00	34.91 -0.28 0.00	31.87 -0.26 0.00	27.88 -0.37 0.00	24.58 -0.25 0.00	21.42 0.02 0.00
NEG CENTRAL___INDECK 23768	20.32 -0.10 0.00	19.13 -0.08 0.00	18.67 -0.07 0.00	19.06 -0.08 0.00	20.17 0.16 0.00	21.90 0.26 0.00	28.60 -0.26 0.00	30.10 -0.27 0.00	30.69 -0.44 0.00	29.67 -0.64 0.00	31.38 -0.57 0.00	31.26 -0.77 0.00	29.58 -0.64 0.00	29.15 -0.87 0.00	28.87 -0.83 0.00	28.55 -0.73 0.00	31.90 -0.62 0.00	36.94 -0.49 0.00	40.37 -0.12 0.00	35.19 0.00 0.00	32.12 0.00 0.00	28.05 -0.20 0.00	24.71 -0.12 0.00	21.77 0.36 0.00

NEG CENTRAL___SENECA 23627	20.32 -0.10 0.00	19.11 -0.10 0.00	18.63 -0.11 0.00	19.02 -0.11 0.00	20.09 0.08 0.00	21.72 0.09 0.00	28.63 -0.23 0.00	30.25 -0.12 0.00	30.87 -0.25 0.00	29.91 -0.39 0.00	31.67 -0.29 0.00	31.55 -0.48 0.00	29.82 -0.39 0.00	29.51 -0.51 0.00	29.20 -0.50 0.00	28.79 -0.50 0.00	32.16 -0.36 0.00	37.01 -0.41 0.00	40.21 -0.28 0.00	34.87 -0.32 0.00	31.90 -0.22 0.00	27.88 -0.37 0.00	24.58 -0.25 0.00	21.49 0.09 0.00
NEG CENTRAL___STATE_STREET 24147	20.44 0.02 0.00	19.22 0.02 0.00	18.74 0.00 0.00	19.10 -0.04 0.00	20.09 0.08 0.00	21.66 0.02 0.00	28.66 -0.20 0.00	30.31 -0.06 0.00	31.00 -0.12 0.00	30.12 -0.18 0.00	31.86 -0.10 0.00	31.77 -0.26 0.00	30.04 -0.18 0.00	29.75 -0.27 0.00	29.43 -0.27 0.00	29.02 -0.26 0.00	32.36 -0.16 0.00	37.31 -0.11 0.00	40.41 -0.08 0.00	35.08 -0.11 0.00	32.00 -0.13 0.00	28.02 -0.23 0.00	24.66 -0.17 0.00	21.42 0.02 0.00
NEG MILLWOOD___DRP 24198	21.53 1.10 0.00	20.22 1.02 0.00	19.73 0.99 0.00	20.13 0.99 0.00	20.95 0.94 0.00	22.74 1.10 0.00	30.33 1.47 0.00	32.35 1.97 0.00	33.18 2.05 0.00	32.36 2.06 0.00	34.19 2.24 0.00	34.33 2.31 0.00	32.30 2.08 0.00	32.15 2.13 0.00	31.81 2.11 0.00	31.36 2.08 0.00	34.80 2.28 0.00	40.01 2.58 0.00	43.40 2.92 0.00	37.62 2.43 0.00	34.34 2.22 0.00	29.63 1.38 0.00	25.92 1.09 0.00	22.47 1.07 0.00
NEG NORTH_FLCN_SEA 23793	20.04 -0.39 0.00	18.82 -0.38 0.00	18.42 -0.32 0.00	18.89 -0.25 0.00	19.77 -0.24 0.00	21.48 -0.15 0.00	28.60 -0.26 0.00	29.95 -0.43 0.00	30.84 -0.28 0.00	30.27 -0.03 0.00	32.02 0.06 0.00	32.09 0.06 0.00	30.31 0.09 0.00	30.05 0.03 0.00	29.76 0.06 0.00	29.31 0.03 0.00	32.62 0.10 0.00	36.83 -0.60 0.00	39.72 -0.77 0.00	35.29 0.11 0.00	32.22 0.10 0.00	29.15 0.90 0.00	25.60 0.77 0.00	21.81 0.41 0.00
NEG NORTH_KES_CHATEGAY 23792	19.87 -0.55 0.00	18.65 -0.56 0.00	18.25 -0.49 0.00	18.71 -0.42 0.00	19.57 -0.44 0.00	21.27 -0.37 0.00	28.55 -0.32 0.00	29.86 -0.52 0.00	30.72 -0.40 0.00	30.12 -0.18 0.00	31.86 -0.10 0.00	31.93 -0.10 0.00	30.16 -0.06 0.00	29.96 -0.06 0.00	29.67 -0.03 0.00	29.26 -0.03 0.00	32.49 -0.03 0.00	37.01 -0.41 0.00	39.92 -0.57 0.00	35.15 -0.04 0.00	32.12 0.00 0.00	28.87 0.62 0.00	25.33 0.50 0.00	21.55 0.15 0.00
NEG NORTH___ALICE_FALLS 23915	20.06 -0.37 0.00	18.84 -0.36 0.00	18.44 -0.30 0.00	18.89 -0.25 0.00	19.79 -0.22 0.00	21.51 -0.13 0.00	28.75 -0.12 0.00	30.13 -0.24 0.00	31.00 -0.12 0.00	30.42 0.12 0.00	32.18 0.22 0.00	32.25 0.22 0.00	30.43 0.21 0.00	30.17 0.15 0.00	29.88 0.18 0.00	29.46 0.18 0.00	32.78 0.26 0.00	37.16 -0.26 0.00	40.12 -0.36 0.00	35.50 0.32 0.00	32.45 0.32 0.00	29.24 0.99 0.00	25.62 0.79 0.00	21.83 0.43 0.00
NEG NORTH___LWR_SARANAC 23913	20.06 -0.37 0.00	18.84 -0.36 0.00	18.44 -0.30 0.00	18.89 -0.25 0.00	19.79 -0.22 0.00	21.51 -0.13 0.00	28.75 -0.12 0.00	30.13 -0.24 0.00	31.00 -0.12 0.00	30.42 0.12 0.00	32.18 0.22 0.00	32.25 0.22 0.00	30.43 0.21 0.00	30.17 0.15 0.00	29.88 0.18 0.00	29.46 0.18 0.00	32.78 0.26 0.00	37.16 -0.26 0.00	40.12 -0.36 0.00	35.50 0.32 0.00	32.45 0.32 0.00	29.24 0.99 0.00	25.62 0.79 0.00	21.83 0.43 0.00
NEG NORTH___PLATTSBURG 23628	20.06 -0.37 0.00	18.84 -0.37 0.00	18.42 -0.32 0.00	18.88 -0.25 0.00	19.79 -0.22 0.00	21.51 -0.13 0.00	28.75 -0.11 0.00	30.10 -0.27 0.00	31.00 -0.12 0.00	30.42 0.12 0.00	32.18 0.23 0.00	32.25 0.23 0.00	30.43 0.21 0.00	30.17 0.15 0.00	29.88 0.18 0.00	29.46 0.18 0.00	32.78 0.26 0.00	37.16 -0.26 0.00	40.12 -0.37 0.00	34.91 -0.28 0.00	32.45 0.32 0.00	29.24 0.99 0.00	25.62 0.79 0.00	21.81 0.41 0.00
NEG WEST_LEA_LOCKPORT 23791	18.55 -1.88 0.00	17.42 -1.79 0.00	16.96 -1.78 0.00	17.35 -1.78 0.00	18.57 -1.44 0.00	19.93 -1.71 0.00	25.46 -3.41 0.00	26.76 -3.61 0.00	27.57 -3.55 0.00	26.61 -3.70 0.00	28.06 -3.90 0.00	27.93 -4.10 0.00	26.71 -3.51 0.00	26.15 -3.87 0.00	25.96 -3.74 0.00	25.54 -3.75 0.00	28.39 -4.13 0.00	32.48 -4.94 0.00	35.27 -5.22 0.00	30.72 -4.47 0.00	28.17 -3.95 0.00	24.80 -3.45 0.00	22.37 -2.46 0.00	20.10 -1.31 0.00
NEG WEST___LANCASTR 23811	19.26 -1.16 0.00	18.07 -1.13 0.00	17.62 -1.12 0.00	18.00 -1.13 0.00	19.27 -0.74 0.00	20.75 -0.89 0.00	26.67 -2.19 0.00	27.91 -2.46 0.00	28.60 -2.52 0.00	27.70 -2.61 0.00	29.21 -2.75 0.00	29.11 -2.91 0.00	27.83 -2.39 0.00	27.44 -2.58 0.00	27.18 -2.52 0.00	26.80 -2.49 0.00	29.92 -2.60 0.00	34.39 -3.03 0.00	37.41 -3.08 0.00	32.23 -2.96 0.00	29.49 -2.63 0.00	25.90 -2.34 0.00	23.29 -1.54 0.00	20.95 -0.45 0.00
NEG_PENN_ALLEGHNY 23528	20.55 0.12 0.00	19.32 0.12 0.00	18.85 0.11 0.00	19.23 0.10 0.00	20.23 0.22 0.00	21.87 0.24 0.00	28.89 0.03 0.00	30.53 0.15 0.00	31.28 0.16 0.00	30.39 0.09 0.00	32.11 0.16 0.00	32.06 0.03 0.00	30.31 0.09 0.00	30.02 0.00 0.00	29.70 0.00 0.00	29.28 0.00 0.00	32.65 0.13 0.00	37.65 0.23 0.00	40.85 0.36 0.00	35.47 0.28 0.00	32.32 0.19 0.00	28.25 0.00 0.00	24.88 0.05 0.00	21.72 0.32 0.00
NEG___GEN_MONROE 24207	19.46 -0.96 0.00	18.24 -0.96 0.00	17.77 -0.97 0.00	18.16 -0.98 0.00	19.25 -0.76 0.00	20.75 -0.89 0.00	26.87 -1.99 0.00	28.31 -2.07 0.00	29.10 -2.02 0.00	28.12 -2.18 0.00	29.65 -2.30 0.00	29.63 -2.40 0.00	28.13 -2.08 0.00	27.65 -2.37 0.00	27.38 -2.32 0.00	27.00 -2.28 0.00	30.08 -2.44 0.00	34.51 -2.92 0.00	37.53 -2.96 0.00	32.73 -2.46 0.00	29.94 -2.18 0.00	26.36 -1.89 0.00	23.46 -1.37 0.00	20.74 -0.66 0.00
NEPA___ENERGY 23901	19.08 -1.35 0.00	17.88 -1.32 0.00	17.43 -1.31 0.00	17.83 -1.30 0.00	19.09 -0.92 0.00	20.55 -1.08 0.00	26.44 -2.42 0.00	27.70 -2.67 0.00	28.38 -2.74 0.00	27.45 -2.85 0.00	28.95 -3.00 0.00	28.92 -3.11 0.00	27.65 -2.57 0.00	27.14 -2.88 0.00	26.85 -2.85 0.00	26.50 -2.78 0.00	29.59 -2.93 0.00	34.02 -3.41 0.00	37.01 -3.48 0.00	32.06 -3.13 0.00	29.30 -2.83 0.00	25.76 -2.49 0.00	23.17 -1.66 0.00	20.82 -0.58 0.00
NEVERSINK___HYD 23608	21.18 0.76 0.00	19.89 0.69 0.00	19.41 0.67 0.00	19.80 0.67 0.00	20.65 0.64 0.00	22.35 0.71 0.00	29.87 1.01 0.00	31.80 1.43 0.00	32.52 1.40 0.00	31.61 1.30 0.00	33.33 1.37 0.00	33.44 1.41 0.00	31.52 1.30 0.00	31.37 1.35 0.00	31.04 1.34 0.00	30.63 1.35 0.00	34.02 1.50 0.00	39.26 1.83 0.00	42.59 2.10 0.00	36.98 1.79 0.00	33.70 1.57 0.00	29.10 0.85 0.00	25.47 0.64 0.00	21.98 0.58 0.00
NEWKRMKL_115KV_TB1 55635	21.28 0.86 0.00	20.03 0.83 0.00	19.55 0.81 0.00	19.98 0.84 0.00	20.81 0.80 0.00	22.63 1.00 0.00	30.02 1.15 0.00	31.77 1.40 0.00	32.62 1.49 0.00	31.79 1.48 0.00	33.42 1.47 0.00	33.57 1.54 0.00	31.61 1.39 0.00	31.43 1.41 0.00	31.10 1.40 0.00	30.66 1.38 0.00	33.95 1.43 0.00	39.07 1.65 0.00	42.27 1.78 0.00	36.70 1.51 0.00	33.51 1.38 0.00	29.21 0.96 0.00	25.62 0.79 0.00	22.26 0.86 0.00

NEWTON___FALLS_HYD 23847	20.04 -0.39 0.00	18.82 -0.38 0.00	18.38 -0.36 0.00	18.79 -0.34 0.00	19.67 -0.34 0.00	21.35 -0.28 0.00	28.69 -0.17 0.00	30.13 -0.24 0.00	30.84 -0.28 0.00	30.06 -0.24 0.00	31.76 -0.19 0.00	31.74 -0.29 0.00	29.94 -0.27 0.00	29.75 -0.27 0.00	29.46 -0.24 0.00	28.99 -0.29 0.00	32.10 -0.42 0.00	37.01 -0.41 0.00	40.12 -0.36 0.00	35.01 -0.18 0.00	32.19 0.06 0.00	28.48 0.23 0.00	24.98 0.15 0.00	21.36 -0.04 0.00
NGRID_A1_DSASP 323792	18.28 -2.14 0.00	17.20 -2.00 0.00	16.77 -1.97 0.00	17.11 -2.03 0.00	18.21 -1.80 0.00	19.69 -1.95 0.00	25.00 -3.87 0.00	26.09 -4.28 0.00	26.89 -4.23 0.00	26.06 -4.24 0.00	27.29 -4.67 0.00	27.16 -4.87 0.00	26.02 -4.20 0.00	25.43 -4.59 0.00	25.22 -4.49 0.00	24.83 -4.45 0.00	27.74 -4.78 0.00	31.74 -5.69 0.00	34.50 -5.99 0.00	30.05 -5.14 0.00	27.63 -4.50 0.00	24.27 -3.98 0.00	21.77 -3.05 0.00	19.69 -1.71 0.00
NGRID_A2_DSASP 323793	18.28 -2.14 0.00	17.20 -2.00 0.00	16.77 -1.97 0.00	17.11 -2.03 0.00	18.21 -1.80 0.00	19.69 -1.95 0.00	25.00 -3.87 0.00	26.09 -4.28 0.00	26.89 -4.23 0.00	26.06 -4.24 0.00	27.29 -4.67 0.00	27.16 -4.87 0.00	26.02 -4.20 0.00	25.43 -4.59 0.00	25.22 -4.49 0.00	24.83 -4.45 0.00	27.74 -4.78 0.00	31.74 -5.69 0.00	34.50 -5.99 0.00	30.05 -5.14 0.00	27.63 -4.50 0.00	24.27 -3.98 0.00	21.77 -3.05 0.00	19.69 -1.71 0.00
NGRID_A4_DSASP 323807	18.28 -2.14 0.00	17.20 -2.00 0.00	16.77 -1.97 0.00	17.11 -2.03 0.00	18.21 -1.80 0.00	19.69 -1.95 0.00	25.00 -3.87 0.00	26.09 -4.28 0.00	26.89 -4.23 0.00	26.06 -4.24 0.00	27.29 -4.67 0.00	27.16 -4.87 0.00	26.02 -4.20 0.00	25.43 -4.59 0.00	25.22 -4.49 0.00	24.83 -4.45 0.00	27.74 -4.78 0.00	31.74 -5.69 0.00	34.50 -5.99 0.00	30.05 -5.14 0.00	27.63 -4.50 0.00	24.27 -3.98 0.00	21.77 -3.05 0.00	19.69 -1.71 0.00
NIAGARA_115E_LBMP 323715	18.26 -2.17 0.00	17.17 -2.04 0.00	16.75 -1.99 0.00	17.09 -2.05 0.00	18.31 -1.70 0.00	19.80 -1.84 0.00	25.05 -3.81 0.00	26.21 -4.16 0.00	27.01 -4.11 0.00	26.15 -4.15 0.00	27.42 -4.54 0.00	27.29 -4.74 0.00	26.11 -4.11 0.00	25.55 -4.47 0.00	25.36 -4.34 0.00	24.98 -4.30 0.00	27.87 -4.65 0.00	31.89 -5.54 0.00	34.66 -5.83 0.00	30.19 -5.00 0.00	27.76 -4.37 0.00	24.35 -3.90 0.00	21.85 -2.98 0.00	19.75 -1.65 0.00
NIAGARA_115W_LBMP 323714	18.24 -2.19 0.00	17.17 -2.04 0.00	16.74 -2.00 0.00	17.07 -2.07 0.00	18.15 -1.86 0.00	19.62 -2.01 0.00	24.91 -3.95 0.00	26.03 -4.34 0.00	26.83 -4.29 0.00	26.00 -4.30 0.00	27.22 -4.73 0.00	27.10 -4.93 0.00	25.93 -4.29 0.00	25.37 -4.65 0.00	25.16 -4.54 0.00	24.78 -4.51 0.00	27.67 -4.85 0.00	31.66 -5.76 0.00	34.41 -6.07 0.00	29.98 -5.21 0.00	27.56 -4.56 0.00	24.21 -4.04 0.00	21.72 -3.10 0.00	19.65 -1.75 0.00
NIAGARA_230_LBMP 323716	18.50 -1.92 0.00	17.40 -1.81 0.00	16.98 -1.76 0.00	17.32 -1.82 0.00	18.47 -1.54 0.00	19.97 -1.67 0.00	25.40 -3.46 0.00	26.55 -3.83 0.00	27.32 -3.80 0.00	26.48 -3.82 0.00	27.77 -4.18 0.00	27.64 -4.39 0.00	26.44 -3.78 0.00	25.88 -4.14 0.00	25.66 -4.04 0.00	25.27 -4.01 0.00	28.23 -4.29 0.00	32.30 -5.13 0.00	35.10 -5.38 0.00	30.58 -4.61 0.00	28.11 -4.02 0.00	24.66 -3.59 0.00	22.12 -2.71 0.00	19.97 -1.43 0.00
NIAGARA___115KV_198_GIBSON 55903	18.24 -2.19 0.00	17.13 -2.07 0.00	16.68 -2.06 0.00	16.97 -2.16 0.00	18.15 -1.86 0.00	19.58 -2.06 0.00	24.88 -3.98 0.00	26.00 -4.37 0.00	26.76 -4.36 0.00	25.88 -4.42 0.00	27.22 -4.73 0.00	27.13 -4.90 0.00	25.96 -4.26 0.00	25.37 -4.65 0.00	25.19 -4.51 0.00	24.77 -4.51 0.00	27.68 -4.85 0.00	31.62 -5.80 0.00	34.29 -6.19 0.00	29.91 -5.28 0.00	27.47 -4.66 0.00	24.21 -4.04 0.00	21.85 -2.98 0.00	19.65 -1.75 0.00
NIAGARA____ 23760	18.50 -1.92 0.00	17.40 -1.81 0.00	16.98 -1.76 0.00	17.32 -1.82 0.00	18.47 -1.54 0.00	19.97 -1.67 0.00	25.40 -3.46 0.00	26.55 -3.83 0.00	27.32 -3.80 0.00	26.48 -3.82 0.00	27.77 -4.18 0.00	27.64 -4.39 0.00	26.44 -3.78 0.00	25.88 -4.14 0.00	25.66 -4.04 0.00	25.27 -4.01 0.00	28.23 -4.29 0.00	32.30 -5.13 0.00	35.10 -5.38 0.00	30.58 -4.61 0.00	28.11 -4.02 0.00	24.66 -3.59 0.00	22.12 -2.71 0.00	19.97 -1.43 0.00
NINE_MILE_1 23575	19.99 -0.43 0.00	18.80 -0.40 0.00	18.35 -0.39 0.00	18.73 -0.40 0.00	19.63 -0.38 0.00	21.18 -0.46 0.00	27.91 -0.95 0.00	29.37 -1.00 0.00	30.10 -1.03 0.00	29.27 -1.03 0.00	30.87 -1.09 0.00	30.91 -1.12 0.00	29.16 -1.06 0.00	28.94 -1.08 0.00	28.63 -1.07 0.00	28.20 -1.08 0.00	31.41 -1.11 0.00	36.15 -1.27 0.00	39.15 -1.34 0.00	34.03 -1.16 0.00	31.03 -1.09 0.00	27.26 -0.99 0.00	24.01 -0.82 0.00	20.97 -0.43 0.00
NINE_MILE_2 23744	19.99 -0.43 0.00	18.80 -0.40 0.00	18.35 -0.39 0.00	18.73 -0.40 0.00	19.63 -0.38 0.00	21.20 -0.43 0.00	27.91 -0.95 0.00	29.40 -0.97 0.00	30.10 -1.03 0.00	29.27 -1.03 0.00	30.90 -1.05 0.00	30.91 -1.12 0.00	29.19 -1.03 0.00	28.94 -1.08 0.00	28.63 -1.07 0.00	28.20 -1.08 0.00	31.41 -1.11 0.00	36.19 -1.23 0.00	39.15 -1.34 0.00	34.03 -1.16 0.00	31.07 -1.06 0.00	27.26 -0.99 0.00	24.03 -0.80 0.00	20.97 -0.43 0.00
NM_CAPITAL___DRP 24208	21.22 0.80 0.00	19.97 0.77 0.00	19.49 0.75 0.00	19.90 0.77 0.00	20.75 0.74 0.00	22.57 0.93 0.00	29.93 1.07 0.00	31.68 1.31 0.00	32.49 1.37 0.00	31.67 1.36 0.00	33.30 1.34 0.00	33.44 1.41 0.00	31.49 1.27 0.00	31.31 1.29 0.00	30.98 1.28 0.00	30.54 1.26 0.00	33.85 1.33 0.00	38.92 1.50 0.00	42.11 1.62 0.00	36.56 1.37 0.00	33.38 1.25 0.00	29.10 0.85 0.00	25.52 0.70 0.00	22.19 0.79 0.00
NM_CENTRAL___DRP 24181	20.32 -0.10 0.00	19.09 -0.12 0.00	18.63 -0.11 0.00	19.00 -0.13 0.00	19.95 -0.06 0.00	21.46 -0.17 0.00	28.34 -0.52 0.00	29.89 -0.49 0.00	30.59 -0.53 0.00	29.76 -0.55 0.00	31.44 -0.51 0.00	31.39 -0.64 0.00	29.64 -0.57 0.00	29.36 -0.66 0.00	29.08 -0.62 0.00	28.64 -0.64 0.00	31.94 -0.59 0.00	36.79 -0.64 0.00	39.84 -0.65 0.00	34.59 -0.60 0.00	31.55 -0.58 0.00	27.68 -0.56 0.00	24.41 -0.42 0.00	21.21 -0.19 0.00
NM_FRONTIER___DRP 24179	18.24 -2.19 0.00	17.13 -2.07 0.00	16.68 -2.06 0.00	16.97 -2.16 0.00	18.15 -1.86 0.00	19.58 -2.06 0.00	24.88 -3.98 0.00	26.00 -4.37 0.00	26.76 -4.36 0.00	25.88 -4.42 0.00	27.22 -4.73 0.00	27.13 -4.90 0.00	25.96 -4.26 0.00	25.37 -4.65 0.00	25.19 -4.51 0.00	24.77 -4.51 0.00	27.68 -4.85 0.00	31.62 -5.80 0.00	34.29 -6.19 0.00	29.91 -5.28 0.00	27.47 -4.66 0.00	24.21 -4.04 0.00	21.85 -2.98 0.00	19.65 -1.75 0.00
NM_ST_REGIS___HYD 24053	19.95 -0.47 0.00	18.76 -0.44 0.00	18.33 -0.41 0.00	18.75 -0.38 0.00	19.61 -0.40 0.00	21.29 -0.35 0.00	28.75 -0.12 0.00	30.07 -0.30 0.00	30.90 -0.22 0.00	30.30 0.00 0.00	32.08 0.13 0.00	32.16 0.13 0.00	30.13 -0.09 0.00	29.93 -0.09 0.00	29.61 -0.09 0.00	29.11 -0.18 0.00	32.10 -0.42 0.00	36.79 -0.64 0.00	39.76 -0.73 0.00	34.77 -0.42 0.00	32.03 -0.10 0.00	28.64 0.40 0.00	25.10 0.27 0.00	21.34 -0.06 0.00

NORTHPORT___1 23551	21.73 1.31 0.00	20.43 1.23 0.00	20.01 1.27 0.00	20.32 1.19 0.00	21.17 1.16 0.00	23.00 1.36 0.00	30.88 1.79 -0.23	32.50 2.13 0.00	33.46 2.34 0.00	33.50 2.27 -0.92	35.29 2.40 -0.94	37.17 2.53 -2.61	35.07 2.36 -2.49	35.13 2.46 -2.65	36.53 2.40 -4.42	35.31 2.37 -3.65	37.26 2.57 -2.17	42.25 3.07 -1.75	45.04 3.20 -1.35	38.23 2.78 -0.26	34.54 2.41 0.00	30.06 1.61 -0.20	27.11 1.46 -0.82	24.85 1.28 -2.16
NORTHPORT___2 23552	21.73 1.31 0.00	20.43 1.23 0.00	20.01 1.27 0.00	20.32 1.19 0.00	21.17 1.16 0.00	23.00 1.36 0.00	30.88 1.79 -0.23	32.50 2.13 0.00	33.46 2.34 0.00	33.50 2.27 -0.92	35.29 2.40 -0.94	37.17 2.53 -2.61	35.07 2.36 -2.49	35.13 2.46 -2.65	36.53 2.40 -4.42	35.31 2.37 -3.65	37.26 2.57 -2.17	42.25 3.07 -1.75	45.04 3.20 -1.35	38.23 2.78 -0.26	34.54 2.41 0.00	30.06 1.61 -0.20	27.11 1.46 -0.82	24.85 1.28 -2.16
NORTHPORT___3 23553	21.75 1.33 0.00	20.43 1.23 0.00	19.98 1.24 0.00	20.32 1.19 0.00	21.17 1.16 0.00	23.00 1.36 0.00	30.94 1.85 -0.23	32.74 2.37 0.00	33.64 2.52 0.00	33.68 2.45 -0.92	35.55 2.65 -0.94	37.40 2.75 -2.61	35.34 2.63 -2.49	35.37 2.70 -2.65	36.77 2.64 -4.42	35.54 2.61 -3.65	37.45 2.76 -2.17	42.47 3.29 -1.75	45.36 3.52 -1.35	38.51 3.06 -0.26	34.79 2.66 0.00	30.26 1.81 -0.20	27.16 1.51 -0.82	24.87 1.31 -2.16
NORTHPORT___4 23650	21.75 1.33 0.00	20.43 1.23 0.00	19.98 1.24 0.00	20.32 1.19 0.00	21.17 1.16 0.00	23.00 1.36 0.00	30.94 1.85 -0.23	32.74 2.37 0.00	33.64 2.52 0.00	33.68 2.45 -0.92	35.55 2.65 -0.94	37.40 2.75 -2.61	35.34 2.63 -2.49	35.37 2.70 -2.65	36.77 2.64 -4.42	35.54 2.61 -3.65	37.45 2.76 -2.17	42.47 3.29 -1.75	45.36 3.52 -1.35	38.51 3.06 -0.26	34.79 2.66 0.00	30.26 1.81 -0.20	27.16 1.51 -0.82	24.87 1.31 -2.16
NORTHPORT___IC 23718	21.73 1.31 0.00	20.45 1.25 0.00	20.00 1.26 0.00	20.32 1.19 0.00	21.23 1.22 0.00	23.11 1.47 0.00	30.94 1.85 -0.23	32.47 2.10 0.00	33.46 2.33 0.00	33.49 2.27 -0.92	35.33 2.43 -0.94	37.20 2.56 -2.61	35.13 2.42 -2.49	35.16 2.49 -2.65	36.56 2.44 -4.42	35.34 2.40 -3.65	37.26 2.57 -2.17	42.28 3.11 -1.75	45.08 3.24 -1.35	38.23 2.78 -0.26	34.50 2.38 0.00	30.06 1.61 -0.20	27.11 1.46 -0.82	25.00 1.43 -2.16
NORTH___COUNTRY_ESR 323785	19.81 -0.61 0.00	18.59 -0.62 0.00	18.20 -0.54 0.00	18.66 -0.48 0.00	19.53 -0.48 0.00	21.20 -0.43 0.00	28.46 -0.40 0.00	29.77 -0.61 0.00	30.69 -0.44 0.00	30.09 -0.21 0.00	31.83 -0.13 0.00	31.90 -0.13 0.00	30.13 -0.09 0.00	29.87 -0.15 0.00	29.61 -0.09 0.00	29.17 -0.12 0.00	32.42 -0.10 0.00	36.90 -0.52 0.00	39.80 -0.69 0.00	34.62 -0.56 0.00	32.00 -0.13 0.00	28.76 0.51 0.00	25.25 0.42 0.00	21.49 0.09 0.00
NPX_GEN_1385_PROXY 323591	21.69 1.27 0.00	20.39 1.19 0.00	20.11 1.37 0.00	20.28 1.15 0.00	21.17 1.16 0.00	22.96 1.32 0.00	30.79 1.70 -0.23	32.41 2.04 0.00	33.39 2.27 0.00	33.50 2.18 -1.01	35.04 2.24 -0.85	37.01 2.37 -2.61	34.82 2.11 -2.49	35.01 2.34 -2.65	36.29 2.17 -4.42	35.16 2.22 -3.65	37.20 2.50 -2.17	42.06 2.88 -1.75	44.55 2.71 -1.35	37.88 2.43 -0.26	33.47 2.28 0.94	30.91 1.52 -1.14	27.01 1.36 -0.82	24.78 1.22 -2.16
NPX_GEN_CSC 323557	21.79 1.37 0.00	20.59 1.38 0.00	20.13 1.39 0.00	20.47 1.34 0.00	21.23 1.22 0.00	23.15 1.51 0.00	31.20 2.11 -0.23	32.68 2.31 0.00	33.89 2.77 0.00	33.95 2.64 -1.01	35.55 2.75 -0.85	37.52 2.88 -2.61	35.34 2.63 -2.49	35.52 2.85 -2.65	36.80 2.67 -4.42	35.63 2.69 -3.65	37.79 3.06 -2.21	42.81 3.59 -1.80	45.61 3.72 -1.39	38.80 3.31 -0.31	33.89 2.70 0.94	31.34 1.95 -1.14	27.24 1.59 -0.82	24.94 1.37 -2.16
NSINS_S_GLNS_FALLS 23858	21.24 0.82 0.00	19.97 0.77 0.00	19.49 0.75 0.00	19.92 0.78 0.00	20.81 0.80 0.00	22.67 1.04 0.00	30.13 1.27 0.00	31.89 1.52 0.00	32.71 1.59 0.00	31.85 1.55 0.00	33.55 1.60 0.00	33.69 1.67 0.00	31.70 1.48 0.00	31.43 1.41 0.00	31.07 1.37 0.00	30.57 1.29 0.00	33.98 1.46 0.00	39.11 1.68 0.00	42.43 1.94 0.00	36.88 1.69 0.00	33.57 1.45 0.00	29.29 1.05 0.00	25.70 0.87 0.00	22.26 0.86 0.00
NUCOR_STEEL___DRP 24197	20.49 0.06 0.00	19.28 0.08 0.00	18.80 0.06 0.00	19.15 0.02 0.00	20.13 0.12 0.00	21.70 0.06 0.00	28.72 -0.14 0.00	30.31 -0.06 0.00	31.00 -0.12 0.00	30.09 -0.21 0.00	31.83 -0.13 0.00	31.74 -0.29 0.00	30.01 -0.21 0.00	29.69 -0.33 0.00	29.37 -0.33 0.00	28.96 -0.32 0.00	32.29 -0.23 0.00	37.24 -0.19 0.00	40.37 -0.12 0.00	35.05 -0.14 0.00	31.96 -0.16 0.00	28.02 -0.23 0.00	24.66 -0.17 0.00	21.44 0.04 0.00
NUMBER_THREE_WT_PWR 323818	20.24 -0.18 0.00	18.99 -0.21 0.00	18.53 -0.21 0.00	18.94 -0.19 0.00	19.85 -0.16 0.00	21.57 -0.06 0.00	28.78 -0.09 0.00	30.40 0.03 0.00	31.15 0.03 0.00	30.33 0.03 0.00	32.15 0.19 0.00	32.12 0.10 0.00	30.28 0.06 0.00	30.05 0.03 0.00	29.76 0.06 0.00	29.34 0.06 0.00	32.72 0.20 0.00	37.84 0.41 0.00	41.06 0.57 0.00	35.75 0.56 0.00	32.77 0.64 0.00	28.70 0.45 0.00	25.20 0.37 0.00	21.70 0.30 0.00
NYISO_LBMP_REFERENCE 24008	20.42 0.00 0.00	19.20 0.00 0.00	18.74 0.00 0.00	19.13 0.00 0.00	20.01 0.00 0.00	21.64 0.00 0.00	28.86 0.00 0.00	30.37 0.00 0.00	31.12 0.00 0.00	30.30 0.00 0.00	31.95 0.00 0.00	32.03 0.00 0.00	30.22 0.00 0.00	30.02 0.00 0.00	29.70 0.00 0.00	29.28 0.00 0.00	32.52 0.00 0.00	37.42 0.00 0.00	40.49 0.00 0.00	35.19 0.00 0.00	32.12 0.00 0.00	28.25 0.00 0.00	24.83 0.00 0.00	21.40 0.00 0.00
NYPA_BRENTWD___GT 24164	21.96 1.53 0.00	20.64 1.44 0.00	20.20 1.46 0.00	20.53 1.40 0.00	21.39 1.38 0.00	23.28 1.64 0.00	31.31 2.22 -0.23	33.01 2.64 0.00	33.98 2.86 0.00	33.98 2.76 -0.92	35.83 2.94 -0.94	37.72 3.08 -2.61	35.61 2.90 -2.49	35.64 2.97 -2.65	37.04 2.91 -4.42	35.81 2.87 -3.65	37.79 3.09 -2.18	42.66 3.48 -1.76	45.77 3.93 -1.36	38.76 3.31 -0.27	35.05 2.92 0.00	30.49 2.04 -0.20	27.41 1.76 -0.82	25.13 1.56 -2.16
NYPA_GOWANUS___GT5 24156	21.68 1.25 -0.01	20.26 1.06 0.00	19.83 1.09 0.00	20.17 1.03 0.00	20.97 0.96 0.00	22.59 0.95 0.00	30.19 1.33 0.00	32.50 2.13 0.00	33.31 2.18 -0.01	32.39 2.09 0.00	34.28 2.30 -0.03	34.44 2.37 -0.04	32.52 2.30 -0.01	32.44 2.40 -0.01	32.06 2.35 -0.01	31.61 2.31 -0.01	34.91 2.34 -0.04	40.25 2.77 -0.06	43.86 2.95 -0.41	38.17 2.57 -0.42	34.42 2.28 -0.01	29.67 1.41 -0.01	26.03 1.19 -0.01	22.45 1.05 0.00
NYPA_GOWANUS___GT6 24157	21.68 1.25 -0.01	20.26 1.06 0.00	19.83 1.09 0.00	20.17 1.03 0.00	20.97 0.96 0.00	22.59 0.95 0.00	30.19 1.33 0.00	32.50 2.13 0.00	33.31 2.18 -0.01	32.39 2.09 0.00	34.28 2.30 -0.03	34.44 2.37 -0.04	32.52 2.30 -0.01	32.44 2.40 -0.01	32.06 2.35 -0.01	31.61 2.31 -0.01	34.91 2.34 -0.04	40.25 2.77 -0.06	43.86 2.95 -0.41	38.17 2.57 -0.42	34.42 2.28 -0.01	29.67 1.41 -0.01	26.03 1.19 -0.01	22.45 1.05 0.00

NYPA_HARLEM__RVR__GT1 24160	21.68 1.25 -0.01	20.24 1.04 0.00	19.81 1.07 0.00	20.15 1.01 0.00	20.95 0.94 0.00	22.46 0.82 0.00	29.89 1.04 0.01	32.16 1.79 0.01	32.95 1.84 0.01	32.05 1.76 0.01	33.90 1.95 0.01	34.04 2.02 0.01	32.17 1.96 0.01	32.08 2.07 0.01	31.71 2.02 0.01	31.24 1.96 0.01	34.50 1.98 0.01	39.78 2.36 0.01	42.99 2.51 0.01	37.33 2.15 0.01	34.04 1.93 0.01	29.29 1.05 0.01	25.77 0.94 0.00	22.30 0.90 0.00
NYPA_HARLEM__RVR__GT2 24161	21.68 1.25 -0.01	20.24 1.04 0.00	19.81 1.07 0.00	20.15 1.01 0.00	20.95 0.94 0.00	22.46 0.82 0.00	29.89 1.04 0.01	32.16 1.79 0.01	32.95 1.84 0.01	32.05 1.76 0.01	33.90 1.95 0.01	34.04 2.02 0.01	32.17 1.96 0.01	32.08 2.07 0.01	31.71 2.02 0.01	31.24 1.96 0.01	34.50 1.98 0.01	39.78 2.36 0.01	42.99 2.51 0.01	37.33 2.15 0.01	34.04 1.93 0.01	29.29 1.05 0.01	25.77 0.94 0.00	22.30 0.90 0.00
NYPA_KENT____GT 24152	21.61 1.18 0.00	20.22 1.02 0.00	19.77 1.03 0.00	20.13 0.99 0.00	20.93 0.92 0.00	22.57 0.93 0.00	30.16 1.30 0.00	32.44 2.07 0.00	33.21 2.09 -0.01	32.33 2.03 0.00	34.17 2.20 -0.02	34.33 2.27 -0.02	32.43 2.20 -0.01	32.34 2.31 -0.01	31.96 2.26 -0.01	31.52 2.22 -0.01	34.79 2.24 -0.02	40.15 2.70 -0.03	43.56 2.83 -0.24	37.89 2.46 -0.24	34.32 2.19 -0.01	29.58 1.33 -0.01	25.95 1.12 0.00	22.39 0.99 0.00
NYPA_POUCH1____GT 24155	21.70 1.27 -0.01	20.26 1.06 0.00	19.83 1.09 0.00	20.13 0.99 0.00	20.93 0.92 0.00	22.50 0.87 0.00	30.07 1.21 0.00	32.38 2.00 0.00	33.22 2.09 -0.01	32.30 2.00 0.00	34.22 2.24 -0.03	34.38 2.31 -0.04	32.43 2.20 -0.01	32.34 2.31 -0.01	32.00 2.29 -0.01	31.52 2.22 -0.01	34.87 2.31 -0.04	40.18 2.70 -0.06	43.78 2.88 -0.41	38.07 2.46 -0.42	34.38 2.25 -0.01	29.59 1.33 -0.01	25.96 1.12 -0.01	22.41 1.01 0.00
NYPA_VERNON____GT2 24162	21.55 1.12 0.00	20.18 0.98 0.00	19.73 0.99 0.00	20.09 0.96 0.00	20.89 0.88 0.00	22.54 0.91 0.00	30.10 1.24 0.00	32.38 2.00 0.00	33.14 2.02 0.00	32.24 1.94 0.00	34.07 2.11 0.00	34.21 2.18 -0.01	32.33 2.11 0.00	32.25 2.22 0.00	31.90 2.20 0.00	31.42 2.14 0.00	34.67 2.15 -0.01	40.01 2.58 -0.01	43.26 2.71 -0.06	37.61 2.36 -0.06	34.21 2.09 0.00	29.49 1.24 0.00	25.87 1.04 0.00	22.32 0.92 0.00
NYPA_VERNON____GT3 24163	21.55 1.12 0.00	20.18 0.98 0.00	19.73 0.99 0.00	20.09 0.96 0.00	20.89 0.88 0.00	22.54 0.91 0.00	30.10 1.24 0.00	32.38 2.00 0.00	33.14 2.02 0.00	32.24 1.94 0.00	34.07 2.11 0.00	34.21 2.18 -0.01	32.33 2.11 0.00	32.25 2.22 0.00	31.90 2.20 0.00	31.42 2.14 0.00	34.67 2.15 -0.01	40.01 2.58 -0.01	43.26 2.71 -0.06	37.61 2.36 -0.06	34.21 2.09 0.00	29.49 1.24 0.00	25.87 1.04 0.00	22.32 0.92 0.00
NYPA__ASTORIA_CC1 323568	21.55 1.12 0.00	20.16 0.96 0.00	19.73 0.99 0.00	20.07 0.94 0.00	20.87 0.86 0.00	22.50 0.87 0.00	30.05 1.18 0.00	32.32 1.95 0.00	33.05 1.93 0.00	32.18 1.88 0.00	34.00 2.05 0.00	34.17 2.15 0.00	32.30 2.08 0.00	32.19 2.16 0.00	31.84 2.14 0.00	31.36 2.08 0.00	34.60 2.08 0.00	39.93 2.51 0.00	43.12 2.63 0.00	37.47 2.29 0.00	34.15 2.03 0.00	29.44 1.19 0.00	25.85 1.02 0.00	22.30 0.90 0.00
NYPA__ASTORIA_CC2 323569	21.55 1.12 0.00	20.16 0.96 0.00	19.73 0.99 0.00	20.07 0.94 0.00	20.87 0.86 0.00	22.50 0.87 0.00	30.05 1.18 0.00	32.32 1.95 0.00	33.05 1.93 0.00	32.18 1.88 0.00	34.00 2.05 0.00	34.17 2.15 0.00	32.30 2.08 0.00	32.19 2.16 0.00	31.84 2.14 0.00	31.36 2.08 0.00	34.60 2.08 0.00	39.93 2.51 0.00	43.12 2.63 0.00	37.47 2.29 0.00	34.15 2.03 0.00	29.44 1.19 0.00	25.85 1.02 0.00	22.30 0.90 0.00
NYPA__HOLTSVILL 23794	21.79 1.37 0.00	20.55 1.34 0.00	20.09 1.35 0.00	20.42 1.28 0.00	21.23 1.22 0.00	23.11 1.47 0.00	31.11 2.02 -0.23	32.71 2.34 0.00	33.80 2.68 0.00	33.80 2.57 -0.92	35.58 2.68 -0.94	37.49 2.85 -2.61	35.34 2.63 -2.49	35.43 2.76 -2.65	36.80 2.67 -4.42	35.60 2.66 -3.65	37.66 2.93 -2.21	42.70 3.48 -1.80	45.53 3.65 -1.39	38.70 3.20 -0.31	34.79 2.66 0.00	30.32 1.86 -0.20	27.21 1.57 -0.82	24.94 1.37 -2.16
NYPA__HELLGATE_GT1 24158	21.68 1.25 -0.01	20.24 1.04 0.00	19.81 1.07 0.00	20.15 1.01 0.00	20.95 0.94 0.00	22.46 0.82 0.00	29.89 1.04 0.01	32.16 1.79 0.01	32.95 1.84 0.01	32.05 1.76 0.01	33.90 1.95 0.01	34.04 2.02 0.01	32.17 1.96 0.01	32.08 2.07 0.01	31.71 2.02 0.01	31.24 1.96 0.01	34.50 1.98 0.01	39.78 2.36 0.01	42.99 2.51 0.01	37.33 2.15 0.01	34.04 1.93 0.01	29.29 1.05 0.01	25.77 0.94 0.00	22.30 0.90 0.00
NYPA__HELLGATE_GT2 24159	21.68 1.25 -0.01	20.24 1.04 0.00	19.81 1.07 0.00	20.15 1.01 0.00	20.95 0.94 0.00	22.46 0.82 0.00	29.89 1.04 0.01	32.16 1.79 0.01	32.95 1.84 0.01	32.05 1.76 0.01	33.90 1.95 0.01	34.04 2.02 0.01	32.17 1.96 0.01	32.08 2.07 0.01	31.71 2.02 0.01	31.24 1.96 0.01	34.50 1.98 0.01	39.78 2.36 0.01	42.99 2.51 0.01	37.33 2.15 0.01	34.04 1.93 0.01	29.29 1.05 0.01	25.77 0.94 0.00	22.30 0.90 0.00
NYS_BARGE__HYD 23848	18.55 -1.88 0.00	17.45 -1.75 0.00	17.02 -1.72 0.00	17.37 -1.76 0.00	18.57 -1.44 0.00	20.10 -1.54 0.00	25.51 -3.35 0.00	26.79 -3.58 0.00	27.60 -3.52 0.00	26.73 -3.58 0.00	28.02 -3.93 0.00	27.90 -4.13 0.00	26.68 -3.54 0.00	26.12 -3.90 0.00	25.93 -3.77 0.00	25.54 -3.75 0.00	28.39 -4.13 0.00	32.52 -4.90 0.00	35.43 -5.06 0.00	30.82 -4.36 0.00	28.30 -3.82 0.00	24.83 -3.42 0.00	22.25 -2.58 0.00	20.10 -1.31 0.00
OAK ORCHARD__HYD 24046	19.44 -0.98 0.00	18.28 -0.92 0.00	17.82 -0.92 0.00	18.20 -0.94 0.00	19.25 -0.76 0.00	20.84 -0.80 0.00	26.99 -1.88 0.00	28.40 -1.97 0.00	29.22 -1.90 0.00	28.30 -2.00 0.00	29.81 -2.14 0.00	29.79 -2.24 0.00	28.28 -1.93 0.00	27.83 -2.19 0.00	27.56 -2.14 0.00	27.18 -2.11 0.00	30.28 -2.24 0.00	34.80 -2.62 0.00	37.82 -2.67 0.00	32.90 -2.29 0.00	30.10 -2.02 0.00	26.38 -1.87 0.00	23.39 -1.44 0.00	20.74 -0.66 0.00
OAKDALE__35_KV_LOAD 356122	20.53 0.10 0.00	19.28 0.08 0.00	18.80 0.06 0.00	19.19 0.06 0.00	20.19 0.18 0.00	21.81 0.17 0.00	28.80 -0.06 0.00	30.43 0.06 0.00	31.21 0.09 0.00	30.33 0.03 0.00	32.02 0.06 0.00	32.00 -0.03 0.00	30.25 0.03 0.00	29.96 -0.06 0.00	29.64 -0.06 0.00	29.23 -0.06 0.00	32.59 0.07 0.00	37.57 0.15 0.00	40.73 0.24 0.00	35.33 0.14 0.00	32.22 0.10 0.00	28.19 -0.06 0.00	24.85 0.02 0.00	21.68 0.28 0.00
OCC_CHEM__DRP 24175	18.28 -2.14 0.00	17.15 -2.05 0.00	16.72 -2.02 0.00	17.01 -2.12 0.00	18.19 -1.82 0.00	19.62 -2.01 0.00	24.94 -3.93 0.00	26.06 -4.31 0.00	26.83 -4.29 0.00	25.94 -4.36 0.00	27.29 -4.67 0.00	27.19 -4.84 0.00	26.02 -4.20 0.00	25.43 -4.59 0.00	25.25 -4.46 0.00	24.83 -4.45 0.00	27.74 -4.78 0.00	31.70 -5.73 0.00	34.37 -6.11 0.00	29.98 -5.21 0.00	27.53 -4.59 0.00	24.27 -3.98 0.00	21.92 -2.90 0.00	19.69 -1.71 0.00

OH_GEN_PROXY 24063	18.55 -1.88 0.00	17.45 -1.75 0.00	17.02 -1.72 0.00	17.37 -1.76 0.00	18.53 -1.48 0.00	20.01 -1.62 0.00	25.49 -3.38 0.00	26.70 -3.68 0.00	27.45 -3.67 0.00	26.70 -3.70 -0.10	27.80 -4.06 0.10	27.80 -4.23 0.00	26.59 -3.63 0.00	26.00 -4.02 0.00	25.78 -3.92 0.00	25.39 -3.89 0.00	28.39 -4.13 0.00	32.48 -4.94 0.00	35.31 -5.18 0.00	30.75 -4.43 0.00	27.30 -3.89 0.94	25.71 -3.48 -0.94	22.22 -2.61 0.00	20.03 -1.37 0.00
OLIN_CORP_DRP 24177	18.30 -2.12 0.00	17.19 -2.02 0.00	16.73 -2.01 0.00	17.14 -1.99 0.00	18.33 -1.68 0.00	19.67 -1.97 0.00	25.08 -3.78 0.00	26.24 -4.13 0.00	27.01 -4.11 0.00	26.12 -4.18 0.00	27.48 -4.47 0.00	27.38 -4.64 0.00	26.20 -4.02 0.00	25.64 -4.38 0.00	25.45 -4.25 0.00	25.04 -4.25 0.00	27.94 -4.59 0.00	31.96 -5.46 0.00	34.66 -5.83 0.00	30.19 -5.00 0.00	27.72 -4.40 0.00	24.41 -3.84 0.00	22.05 -2.78 0.00	19.82 -1.58 0.00
OLIN_CORP_DSASP 323712	18.28 -2.14 0.00	17.20 -2.00 0.00	16.77 -1.97 0.00	17.11 -2.03 0.00	18.21 -1.80 0.00	19.69 -1.95 0.00	25.00 -3.87 0.00	26.09 -4.28 0.00	26.89 -4.23 0.00	26.06 -4.24 0.00	27.29 -4.67 0.00	27.16 -4.87 0.00	26.02 -4.20 0.00	25.43 -4.59 0.00	25.22 -4.49 0.00	24.83 -4.45 0.00	27.74 -4.78 0.00	31.74 -5.69 0.00	34.50 -5.99 0.00	30.05 -5.14 0.00	27.63 -4.50 0.00	24.27 -3.98 0.00	21.77 -3.05 0.00	19.69 -1.71 0.00
ONEIDA_HERK_LFGE 323681	20.67 0.25 0.00	19.39 0.19 0.00	18.93 0.19 0.00	19.33 0.19 0.00	20.25 0.24 0.00	21.96 0.33 0.00	29.30 0.43 0.00	30.98 0.61 0.00	31.74 0.62 0.00	30.88 0.57 0.00	32.63 0.67 0.00	32.61 0.58 0.00	30.73 0.51 0.00	30.53 0.51 0.00	30.21 0.50 0.00	29.78 0.50 0.00	33.20 0.68 0.00	38.32 0.90 0.00	41.54 1.05 0.00	36.10 0.91 0.00	32.99 0.87 0.00	28.84 0.59 0.00	25.33 0.50 0.00	21.87 0.47 0.00
ONEIDA___115KV_TB4 55905	20.96 0.53 0.00	19.68 0.48 0.00	19.19 0.45 0.00	19.59 0.46 0.00	20.57 0.56 0.00	22.26 0.63 0.00	29.58 0.72 0.00	31.31 0.94 0.00	32.09 0.96 0.00	31.18 0.88 0.00	32.91 0.96 0.00	32.86 0.83 0.00	31.00 0.79 0.00	30.74 0.72 0.00	30.41 0.71 0.00	30.02 0.73 0.00	33.46 0.94 0.00	38.62 1.20 0.00	41.87 1.38 0.00	36.35 1.16 0.00	33.18 1.06 0.00	28.98 0.73 0.00	25.47 0.65 0.00	22.02 0.62 0.00
ONONDAGA_REF_OCCRA 23987	20.40 -0.02 0.00	19.18 -0.02 0.00	18.70 -0.04 0.00	19.10 -0.04 0.00	20.05 0.04 0.00	21.57 -0.06 0.00	28.52 -0.35 0.00	30.07 -0.30 0.00	30.78 -0.34 0.00	29.91 -0.39 0.00	31.60 -0.35 0.00	31.55 -0.48 0.00	29.79 -0.42 0.00	29.54 -0.48 0.00	29.23 -0.48 0.00	28.82 -0.47 0.00	32.10 -0.42 0.00	37.01 -0.41 0.00	40.08 -0.40 0.00	34.80 -0.39 0.00	31.74 -0.39 0.00	27.83 -0.42 0.00	24.53 -0.30 0.00	21.29 -0.11 0.00
ONONDAGA___COGEN 23986	20.42 0.00 0.00	19.20 0.00 0.00	18.72 -0.02 0.00	19.11 -0.02 0.00	20.07 0.06 0.00	21.59 -0.04 0.00	28.52 -0.35 0.00	30.10 -0.27 0.00	30.87 -0.25 0.00	30.00 -0.30 0.00	31.70 -0.26 0.00	31.68 -0.35 0.00	29.88 -0.33 0.00	29.63 -0.39 0.00	29.31 -0.39 0.00	28.87 -0.41 0.00	32.16 -0.36 0.00	37.09 -0.34 0.00	40.12 -0.36 0.00	34.87 -0.32 0.00	31.77 -0.35 0.00	27.88 -0.37 0.00	24.56 -0.27 0.00	21.32 -0.09 0.00
ONTARIO___LFGE 23819	20.32 -0.10 0.00	19.11 -0.10 0.00	18.65 -0.09 0.00	19.02 -0.11 0.00	20.09 0.08 0.00	21.79 0.15 0.00	28.66 -0.20 0.00	30.28 -0.09 0.00	30.87 -0.25 0.00	29.97 -0.33 0.00	31.67 -0.29 0.00	31.55 -0.48 0.00	29.82 -0.39 0.00	29.51 -0.51 0.00	29.20 -0.51 0.00	28.79 -0.50 0.00	32.16 -0.36 0.00	37.01 -0.41 0.00	40.21 -0.28 0.00	34.94 -0.24 0.00	31.93 -0.19 0.00	27.88 -0.37 0.00	24.56 -0.27 0.00	21.53 0.13 0.00
ORANGEVILLE_WT_PWR 323706	18.42 -2.00 0.00	17.32 -1.88 0.00	16.90 -1.84 0.00	17.28 -1.86 0.00	18.45 -1.56 0.00	19.97 -1.67 0.00	25.49 -3.38 0.00	26.70 -3.68 0.00	27.54 -3.58 0.00	26.76 -3.55 0.00	28.18 -3.77 0.00	28.12 -3.91 0.00	26.95 -3.26 0.00	26.42 -3.60 0.00	26.20 -3.51 0.00	25.80 -3.49 0.00	28.81 -3.71 0.00	33.01 -4.42 0.00	35.91 -4.58 0.00	31.21 -3.98 0.00	28.62 -3.50 0.00	25.11 -3.14 0.00	22.49 -2.33 0.00	20.31 -1.09 0.00
ORANGEVILLE___ESR 323794	18.42 -2.00 0.00	17.32 -1.88 0.00	16.90 -1.84 0.00	17.28 -1.86 0.00	18.45 -1.56 0.00	19.97 -1.67 0.00	25.49 -3.38 0.00	26.70 -3.68 0.00	27.54 -3.58 0.00	26.76 -3.55 0.00	28.18 -3.77 0.00	28.12 -3.91 0.00	26.95 -3.26 0.00	26.42 -3.60 0.00	26.20 -3.51 0.00	25.80 -3.49 0.00	28.81 -3.71 0.00	33.01 -4.42 0.00	35.91 -4.58 0.00	31.21 -3.98 0.00	28.62 -3.50 0.00	25.11 -3.14 0.00	22.49 -2.33 0.00	20.31 -1.09 0.00
OSWEGATCHIE___HYD 24044	20.04 -0.39 0.00	18.82 -0.38 0.00	18.38 -0.36 0.00	18.79 -0.34 0.00	19.67 -0.34 0.00	21.38 -0.26 0.00	28.69 -0.17 0.00	30.13 -0.24 0.00	30.84 -0.28 0.00	30.06 -0.24 0.00	31.76 -0.19 0.00	31.74 -0.29 0.00	29.94 -0.27 0.00	29.75 -0.27 0.00	29.46 -0.24 0.00	28.99 -0.29 0.00	32.10 -0.42 0.00	37.01 -0.41 0.00	40.12 -0.37 0.00	34.94 -0.24 0.00	32.19 0.06 0.00	28.47 0.22 0.00	24.98 0.15 0.00	21.38 -0.02 0.00
OSWEGO___5 23606	20.12 -0.31 0.00	18.91 -0.29 0.00	18.46 -0.28 0.00	18.85 -0.29 0.00	19.77 -0.24 0.00	21.35 -0.28 0.00	28.14 -0.72 0.00	29.64 -0.73 0.00	30.37 -0.75 0.00	29.51 -0.79 0.00	31.16 -0.80 0.00	31.17 -0.86 0.00	29.43 -0.79 0.00	29.18 -0.84 0.00	28.87 -0.83 0.00	28.43 -0.85 0.00	31.64 -0.88 0.00	36.45 -0.97 0.00	39.48 -1.01 0.00	34.31 -0.88 0.00	31.32 -0.80 0.00	27.49 -0.76 0.00	24.21 -0.62 0.00	21.12 -0.28 0.00
OSWEGO___6 23613	20.12 -0.31 0.00	18.91 -0.29 0.00	18.46 -0.28 0.00	18.85 -0.29 0.00	19.77 -0.24 0.00	21.35 -0.28 0.00	28.14 -0.72 0.00	29.64 -0.73 0.00	30.37 -0.75 0.00	29.51 -0.79 0.00	31.16 -0.80 0.00	31.17 -0.86 0.00	29.43 -0.79 0.00	29.18 -0.84 0.00	28.87 -0.83 0.00	28.43 -0.85 0.00	31.64 -0.88 0.00	36.45 -0.97 0.00	39.48 -1.01 0.00	34.31 -0.88 0.00	31.32 -0.80 0.00	27.49 -0.76 0.00	24.21 -0.62 0.00	21.12 -0.28 0.00
OUTOKUMPU-AB___DRP 24206	18.69 -1.74 0.00	17.55 -1.65 0.00	17.11 -1.63 0.00	17.45 -1.68 0.00	18.67 -1.34 0.00	20.10 -1.54 0.00	25.66 -3.20 0.00	26.85 -3.52 0.00	27.67 -3.45 0.00	26.76 -3.55 0.00	28.18 -3.77 0.00	28.06 -3.97 0.00	26.83 -3.38 0.00	26.30 -3.72 0.00	26.08 -3.62 0.00	25.68 -3.60 0.00	28.62 -3.90 0.00	32.78 -4.64 0.00	35.59 -4.90 0.00	30.97 -4.22 0.00	28.43 -3.69 0.00	25.00 -3.25 0.00	22.54 -2.28 0.00	20.25 -1.16 0.00
OXBOW___BTM 323836	18.50 -1.92 0.00	17.40 -1.81 0.00	16.98 -1.76 0.00	17.32 -1.82 0.00	18.45 -1.56 0.00	19.97 -1.67 0.00	25.37 -3.49 0.00	26.52 -3.86 0.00	27.32 -3.80 0.00	26.48 -3.82 0.00	27.80 -4.15 0.00	27.64 -4.39 0.00	26.44 -3.78 0.00	25.91 -4.11 0.00	25.69 -4.01 0.00	25.30 -3.98 0.00	28.23 -4.29 0.00	32.34 -5.09 0.00	35.14 -5.35 0.00	30.61 -4.57 0.00	28.11 -4.02 0.00	24.66 -3.59 0.00	22.12 -2.71 0.00	19.99 -1.41 0.00

OXBOW____ 24026	18.50 -1.92 0.00	17.36 -1.84 0.00	16.92 -1.82 0.00	17.26 -1.88 0.00	18.45 -1.56 0.00	19.88 -1.75 0.00	25.31 -3.55 0.00	26.49 -3.89 0.00	27.29 -3.83 0.00	26.36 -3.94 0.00	27.77 -4.19 0.00	27.67 -4.36 0.00	26.47 -3.75 0.00	25.91 -4.11 0.00	25.69 -4.01 0.00	25.30 -3.98 0.00	28.23 -4.29 0.00	32.30 -5.13 0.00	35.06 -5.43 0.00	30.54 -4.64 0.00	28.01 -4.11 0.00	24.66 -3.59 0.00	22.25 -2.58 0.00	19.99 -1.41 0.00
OXY_CHEM_DSASP 323612	18.28 -2.14 0.00	17.15 -2.05 0.00	16.72 -2.02 0.00	17.01 -2.12 0.00	18.19 -1.82 0.00	19.62 -2.01 0.00	24.94 -3.93 0.00	26.06 -4.31 0.00	26.83 -4.29 0.00	25.94 -4.36 0.00	27.29 -4.67 0.00	27.19 -4.84 0.00	26.02 -4.20 0.00	25.43 -4.59 0.00	25.25 -4.46 0.00	24.83 -4.45 0.00	27.74 -4.78 0.00	31.70 -5.73 0.00	34.37 -6.11 0.00	29.98 -5.21 0.00	27.53 -4.59 0.00	24.27 -3.98 0.00	21.92 -2.90 0.00	19.69 -1.71 0.00
OZONE_PARK_ESR 323760	21.59 1.16 0.00	20.22 1.02 0.00	19.75 1.01 0.00	20.13 0.99 0.00	20.93 0.92 0.00	22.78 1.15 0.00	30.36 1.50 0.00	32.56 2.19 0.00	33.33 2.21 0.00	32.42 2.12 0.00	34.22 2.27 0.00	34.40 2.37 0.00	32.51 2.30 0.00	32.42 2.40 0.00	32.05 2.35 0.00	31.60 2.31 0.00	34.86 2.34 0.00	40.23 2.81 0.00	43.53 3.04 0.00	37.76 2.57 0.00	34.47 2.35 0.00	29.72 1.47 0.00	26.05 1.22 0.00	22.58 1.18 0.00
PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	18.28 -2.14 0.00	17.15 -2.05 0.00	16.72 -2.02 0.00	17.01 -2.12 0.00	18.19 -1.82 0.00	19.62 -2.01 0.00	24.94 -3.93 0.00	26.06 -4.31 0.00	26.83 -4.29 0.00	25.94 -4.36 0.00	27.29 -4.67 0.00	27.19 -4.84 0.00	26.02 -4.20 0.00	25.43 -4.59 0.00	25.25 -4.46 0.00	24.83 -4.45 0.00	27.74 -4.78 0.00	31.70 -5.73 0.00	34.37 -6.11 0.00	29.98 -5.21 0.00	27.53 -4.59 0.00	24.27 -3.98 0.00	21.92 -2.90 0.00	19.69 -1.71 0.00
PACKARD__115KV_DUPONT_184 80571	18.28 -2.14 0.00	17.15 -2.05 0.00	16.72 -2.02 0.00	17.01 -2.12 0.00	18.19 -1.82 0.00	19.62 -2.01 0.00	24.94 -3.93 0.00	26.06 -4.31 0.00	26.83 -4.29 0.00	25.94 -4.36 0.00	27.29 -4.67 0.00	27.19 -4.84 0.00	26.02 -4.20 0.00	25.43 -4.59 0.00	25.25 -4.46 0.00	24.83 -4.45 0.00	27.74 -4.78 0.00	31.70 -5.73 0.00	34.37 -6.11 0.00	29.98 -5.21 0.00	27.53 -4.59 0.00	24.27 -3.98 0.00	21.92 -2.90 0.00	19.69 -1.71 0.00
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	21.63 1.21 0.00	20.24 1.04 0.00	19.79 1.05 0.00	20.13 0.99 0.00	20.91 0.90 0.00	22.57 0.93 0.00	29.96 1.10 0.00	32.14 1.76 0.00	32.93 1.81 0.00	32.06 1.76 0.00	33.87 1.92 0.00	34.01 1.99 0.00	32.15 1.93 0.00	32.06 2.04 0.00	31.69 1.99 0.00	31.22 1.93 0.00	34.47 1.95 0.00	39.75 2.32 0.00	43.00 2.51 0.00	37.26 2.08 0.00	34.02 1.90 0.00	29.29 1.05 0.00	25.77 0.94 0.00	22.45 1.05 0.00
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	21.69 1.27 0.00	20.28 1.08 0.00	19.85 1.11 0.00	20.19 1.05 0.00	20.99 0.98 0.00	22.63 1.00 0.00	30.02 1.15 0.00	32.17 1.79 0.00	32.96 1.84 0.00	32.06 1.76 0.00	33.87 1.92 0.00	34.08 2.05 0.00	32.24 2.02 0.00	32.12 2.10 0.00	31.75 2.05 0.00	31.28 1.99 0.00	34.50 1.98 0.00	39.82 2.40 0.00	43.08 2.59 0.00	37.37 2.18 0.00	34.18 2.06 0.00	29.44 1.19 0.00	25.92 1.09 0.00	22.62 1.22 0.00
PATROON__115KV_TB1 80586	21.32 0.90 0.00	20.07 0.86 0.00	19.58 0.84 0.00	19.99 0.86 0.00	20.85 0.84 0.00	22.67 1.04 0.00	30.07 1.21 0.00	31.83 1.46 0.00	32.68 1.56 0.00	31.85 1.55 0.00	33.49 1.53 0.00	33.63 1.60 0.00	31.67 1.45 0.00	31.49 1.47 0.00	31.16 1.46 0.00	30.69 1.41 0.00	34.02 1.50 0.00	39.15 1.72 0.00	42.35 1.86 0.00	36.77 1.58 0.00	33.57 1.45 0.00	29.24 0.99 0.00	25.67 0.84 0.00	22.30 0.90 0.00
PATTRSNVILLE__SOLAR 323815	21.10 0.67 0.00	19.83 0.63 0.00	19.36 0.62 0.00	19.76 0.63 0.00	20.67 0.66 0.00	22.37 0.74 0.00	29.79 0.92 0.00	31.53 1.15 0.00	32.27 1.15 0.00	31.39 1.09 0.00	33.07 1.12 0.00	33.18 1.15 0.00	31.27 1.06 0.00	31.07 1.05 0.00	30.74 1.04 0.00	30.31 1.02 0.00	33.63 1.11 0.00	38.77 1.35 0.00	41.99 1.50 0.00	36.53 1.34 0.00	33.28 1.15 0.00	29.07 0.82 0.00	25.52 0.69 0.00	22.04 0.64 0.00
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	19.14 -1.29 0.00	17.95 -1.25 0.00	17.50 -1.24 0.00	17.89 -1.24 0.00	19.15 -0.86 0.00	20.62 -1.02 0.00	26.47 -2.40 0.00	27.70 -2.67 0.00	28.44 -2.68 0.00	27.55 -2.76 0.00	29.01 -2.94 0.00	28.95 -3.07 0.00	27.68 -2.54 0.00	27.47 -2.55 0.00	27.21 -2.49 0.00	26.82 -2.46 0.00	29.95 -2.57 0.00	34.43 -2.99 0.00	37.49 -3.00 0.00	32.06 -3.13 0.00	29.33 -2.79 0.00	25.76 -2.49 0.00	23.17 -1.66 0.00	20.82 -0.58 0.00
PAWLING_115_KV_BK3_REV_LBMP_H 345028	21.53 1.10 0.00	20.22 1.02 0.00	19.73 0.99 0.00	20.13 0.99 0.00	20.95 0.94 0.00	22.74 1.10 0.00	30.33 1.47 0.00	32.35 1.97 0.00	33.18 2.05 0.00	32.36 2.06 0.00	34.19 2.24 0.00	34.33 2.31 0.00	32.30 2.08 0.00	32.15 2.13 0.00	31.81 2.11 0.00	31.36 2.08 0.00	34.80 2.28 0.00	40.01 2.58 0.00	43.40 2.92 0.00	37.62 2.43 0.00	34.34 2.22 0.00	29.63 1.38 0.00	25.92 1.09 0.00	22.47 1.07 0.00
PEEKSKILL____ 23653	21.36 0.94 0.00	20.05 0.84 0.00	19.58 0.84 0.00	19.96 0.82 0.00	20.79 0.78 0.00	22.50 0.87 0.00	30.07 1.21 0.00	32.16 1.79 0.00	32.93 1.80 0.00	32.03 1.73 0.00	33.84 1.88 0.00	33.98 1.95 0.00	32.06 1.84 0.00	31.95 1.92 0.00	31.57 1.87 0.00	31.16 1.88 0.00	34.47 1.95 0.00	39.75 2.32 0.00	43.00 2.51 0.00	37.33 2.15 0.00	34.02 1.89 0.00	29.38 1.13 0.00	25.75 0.92 0.00	22.19 0.79 0.00
PGE MADISON__WINDPWR 24146	21.69 1.27 0.00	20.32 1.11 0.00	19.83 1.09 0.00	20.26 1.13 0.00	21.39 1.38 0.00	23.28 1.64 0.00	30.85 1.99 0.00	32.65 2.28 0.00	33.21 2.09 0.00	32.09 1.79 0.00	33.81 1.85 0.00	33.63 1.60 0.00	31.73 1.51 0.00	31.40 1.38 0.00	31.10 1.40 0.00	30.84 1.55 0.00	34.60 2.08 0.00	40.19 2.77 0.00	43.77 3.28 0.00	38.00 2.82 0.00	34.63 2.51 0.00	29.94 1.69 0.00	26.32 1.49 0.00	22.96 1.56 0.00
PIERCEFIELD__HYD 23852	20.00 -0.43 0.00	18.78 -0.42 0.00	18.37 -0.37 0.00	18.77 -0.36 0.00	19.63 -0.38 0.00	21.31 -0.32 0.00	28.78 -0.09 0.00	30.10 -0.27 0.00	30.84 -0.28 0.00	30.12 -0.18 0.00	31.83 -0.13 0.00	31.84 -0.19 0.00	30.07 -0.15 0.00	29.87 -0.15 0.00	29.55 -0.15 0.00	29.05 -0.23 0.00	31.94 -0.59 0.00	36.68 -0.75 0.00	39.68 -0.81 0.00	34.63 -0.56 0.00	31.96 -0.16 0.00	28.53 0.28 0.00	25.03 0.20 0.00	21.27 -0.13 0.00
PINELAWN_CC_1 323563	21.83 1.41 0.00	20.53 1.32 0.00	20.07 1.33 0.00	20.40 1.26 0.00	21.25 1.24 0.00	23.11 1.47 0.00	31.11 2.02 -0.23	32.86 2.49 0.00	33.77 2.64 0.00	33.80 2.57 -0.92	35.65 2.75 -0.94	37.52 2.88 -2.61	35.43 2.72 -2.49	35.46 2.79 -2.65	36.85 2.73 -4.42	35.63 2.69 -3.65	37.59 2.89 -2.17	42.58 3.41 -1.75	45.57 3.72 -1.35	38.66 3.20 -0.27	34.92 2.79 0.00	30.38 1.92 -0.20	27.26 1.61 -0.82	24.98 1.41 -2.16

PJM_GEN_HTP_PROXY 323702	21.42 1.00 0.00	20.07 0.86 0.00	19.62 0.88 0.00	19.97 0.84 0.00	20.81 0.80 0.00	22.50 0.87 0.00	30.10 1.24 0.00	32.32 1.95 0.00	33.02 1.90 0.00	32.25 1.85 -0.10	33.84 1.98 0.10	34.11 2.08 0.00	32.24 2.02 0.00	32.12 2.10 0.00	31.78 2.08 0.00	31.30 2.02 0.00	34.57 2.05 0.00	39.86 2.43 0.00	43.08 2.59 0.00	37.44 2.25 0.00	33.21 2.03 0.94	30.37 1.19 -0.94	25.82 0.99 0.00	22.24 0.83 0.00
PJM_GEN_KEystone 24065	20.22 -0.20 0.00	18.99 -0.21 0.00	18.53 -0.21 0.00	18.91 -0.23 0.00	19.91 -0.10 0.00	21.51 -0.13 0.00	28.26 -0.61 0.00	30.01 -0.36 0.00	30.66 -0.47 0.00	29.91 -0.49 -0.10	31.31 -0.54 0.10	31.44 -0.58 0.01	29.86 -0.36 0.00	29.54 -0.48 0.00	29.22 -0.48 0.00	28.81 -0.47 0.00	31.99 -0.52 0.01	36.55 -0.56 0.32	39.85 -0.48 0.16	34.54 -0.49 0.16	30.74 -0.45 0.94	28.48 -0.71 -0.94	24.33 -0.50 0.00	21.34 -0.06 0.00
PJM_GEN_NEPTUNE_PROXY 323594	21.59 1.16 0.00	20.28 1.07 0.00	19.83 1.09 0.00	20.17 1.03 0.00	21.01 1.00 0.00	22.80 1.17 0.00	30.71 1.62 -0.23	32.50 2.13 0.00	33.36 2.24 0.00	33.50 2.18 -1.01	35.13 2.33 -0.85	37.07 2.43 -2.61	35.04 2.33 -2.49	35.07 2.40 -2.65	36.47 2.35 -4.42	35.25 2.31 -3.65	37.13 2.44 -2.17	42.05 2.88 -1.75	44.92 3.08 -1.35	38.12 2.67 -0.26	33.53 2.34 0.94	30.94 1.55 -1.14	26.94 1.29 -0.82	24.68 1.11 -2.16
PJM_GEN_VFT_PROXY 323633	21.30 0.88 0.00	19.95 0.75 0.00	19.51 0.77 0.00	19.86 0.73 0.00	20.67 0.66 0.00	22.39 0.76 0.00	29.96 1.10 0.00	32.16 1.79 0.00	32.83 1.71 0.00	32.06 1.67 -0.09	33.50 1.76 0.21	33.68 1.86 0.21	32.06 1.84 0.00	31.97 1.95 0.00	31.63 1.93 0.00	31.16 1.88 0.00	34.12 1.82 0.22	35.04 2.17 4.55	40.12 2.31 2.67	34.46 1.97 2.70	32.98 1.80 0.94	30.23 1.05 -0.93	25.67 0.84 0.00	22.11 0.71 0.00
PLATSBRG_115KV_PMLD1 355749	20.04 -0.39 0.00	18.80 -0.40 0.00	18.40 -0.34 0.00	18.87 -0.27 0.00	19.77 -0.24 0.00	21.46 -0.17 0.00	28.63 -0.23 0.00	30.01 -0.36 0.00	30.90 -0.22 0.00	30.30 0.00 0.00	32.08 0.13 0.00	32.16 0.13 0.00	30.34 0.12 0.00	30.08 0.06 0.00	29.79 0.09 0.00	29.37 0.09 0.00	32.65 0.13 0.00	36.94 -0.49 0.00	39.88 -0.61 0.00	35.33 0.14 0.00	32.29 0.16 0.00	29.13 0.88 0.00	25.57 0.74 0.00	21.79 0.39 0.00
PLEASANTVLY__LBMP 24000	21.28 0.86 0.00	20.01 0.81 0.00	19.53 0.79 0.00	19.92 0.78 0.00	20.75 0.74 0.00	22.54 0.91 0.00	30.02 1.15 0.00	31.95 1.58 0.00	32.74 1.62 0.00	31.91 1.61 0.00	33.62 1.66 0.00	33.76 1.73 0.00	31.85 1.63 0.00	31.70 1.68 0.00	31.36 1.66 0.00	30.92 1.64 0.00	34.24 1.72 0.00	39.45 2.02 0.00	42.63 2.15 0.00	37.02 1.83 0.00	33.79 1.67 0.00	29.24 0.99 0.00	25.65 0.82 0.00	22.24 0.83 0.00
PLSNTVLE_13_KV_13.8KVDIST 80602	21.40 0.98 0.00	20.10 0.90 0.00	19.62 0.88 0.00	20.01 0.88 0.00	20.83 0.82 0.00	22.65 1.02 0.00	30.16 1.30 0.00	32.20 1.82 0.00	33.02 1.90 0.00	32.15 1.85 0.00	33.93 1.98 0.00	34.08 2.05 0.00	32.15 1.93 0.00	32.03 2.01 0.00	31.66 1.96 0.00	31.22 1.93 0.00	34.54 2.02 0.00	39.82 2.40 0.00	43.08 2.59 0.00	37.41 2.22 0.00	34.12 1.99 0.00	29.46 1.21 0.00	25.82 0.99 0.00	22.39 0.98 0.00
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	21.40 0.98 0.00	20.10 0.90 0.00	19.62 0.88 0.00	20.01 0.88 0.00	20.83 0.82 0.00	22.65 1.02 0.00	30.16 1.30 0.00	32.20 1.82 0.00	33.02 1.90 0.00	32.15 1.85 0.00	33.93 1.98 0.00	34.08 2.05 0.00	32.15 1.93 0.00	32.03 2.01 0.00	31.66 1.96 0.00	31.22 1.93 0.00	34.54 2.02 0.00	39.82 2.40 0.00	43.08 2.59 0.00	37.41 2.22 0.00	34.12 1.99 0.00	29.46 1.21 0.00	25.82 0.99 0.00	22.39 0.98 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	21.42 1.00 0.00	20.14 0.94 0.00	19.66 0.92 0.00	20.05 0.92 0.00	20.89 0.88 0.00	22.72 1.08 0.00	30.25 1.39 0.00	32.17 1.79 0.00	32.93 1.81 0.00	32.09 1.79 0.00	33.81 1.85 0.00	33.95 1.92 0.00	32.00 1.78 0.00	31.88 1.86 0.00	31.51 1.81 0.00	31.10 1.82 0.00	34.47 1.95 0.00	39.71 2.28 0.00	43.00 2.51 0.00	37.30 2.11 0.00	34.05 1.93 0.00	29.44 1.19 0.00	25.77 0.94 0.00	22.36 0.96 0.00
POLETTI____ 23519	21.38 0.96 0.00	20.07 0.86 0.00	19.60 0.86 0.00	19.96 0.82 0.00	20.75 0.74 0.00	22.57 0.93 0.00	30.07 1.21 0.00	32.23 1.85 0.00	32.96 1.84 0.00	32.09 1.79 0.00	33.87 1.92 0.00	34.05 2.02 0.00	32.15 1.93 0.00	32.06 2.04 0.00	31.72 2.02 0.00	31.25 1.96 0.00	34.50 1.98 0.00	39.78 2.36 0.00	43.00 2.51 0.00	37.30 2.11 0.00	34.08 1.96 0.00	29.38 1.13 0.00	25.77 0.94 0.00	22.34 0.94 0.00
POMONA____ESR 323819	21.36 0.94 0.00	20.05 0.84 0.00	19.58 0.84 0.00	19.96 0.82 0.00	20.81 0.80 0.00	22.50 0.87 0.00	30.07 1.21 0.00	32.20 1.82 0.00	32.93 1.80 0.00	32.06 1.76 0.00	33.84 1.88 0.00	34.01 1.99 0.00	32.09 1.87 0.00	31.95 1.92 0.00	31.60 1.90 0.00	31.16 1.88 0.00	34.47 1.95 0.00	39.78 2.36 0.00	43.04 2.55 0.00	37.37 2.18 0.00	34.05 1.93 0.00	29.41 1.16 0.00	25.75 0.92 0.00	22.19 0.79 0.00
PORT_JEFF_3 23555	21.83 1.41 0.00	20.59 1.38 0.00	20.13 1.39 0.00	20.45 1.32 0.00	21.27 1.26 0.00	23.17 1.54 0.00	31.17 2.08 -0.23	32.80 2.43 0.00	33.89 2.77 0.00	33.86 2.64 -0.92	35.68 2.78 -0.94	37.59 2.94 -2.61	35.43 2.72 -2.49	35.52 2.85 -2.65	36.89 2.76 -4.42	35.69 2.75 -3.65	37.76 3.02 -2.21	42.82 3.59 -1.80	45.69 3.80 -1.39	38.80 3.31 -0.31	34.92 2.79 0.00	30.40 1.95 -0.20	27.29 1.64 -0.82	24.98 1.41 -2.16
PORT_JEFF_4 23616	21.83 1.41 0.00	20.59 1.38 0.00	20.13 1.39 0.00	20.45 1.32 0.00	21.27 1.26 0.00	23.17 1.54 0.00	31.17 2.08 -0.23	32.80 2.43 0.00	33.89 2.77 0.00	33.86 2.64 -0.92	35.68 2.78 -0.94	37.59 2.94 -2.61	35.43 2.72 -2.49	35.52 2.85 -2.65	36.89 2.76 -4.42	35.69 2.75 -3.65	37.76 3.02 -2.21	42.82 3.59 -1.80	45.69 3.80 -1.39	38.80 3.31 -0.31	34.92 2.79 0.00	30.40 1.95 -0.20	27.29 1.64 -0.82	24.98 1.41 -2.16
PORT_JEFF_IC 23713	21.85 1.43 0.00	20.60 1.40 0.00	20.15 1.41 0.00	20.47 1.34 0.00	21.39 1.38 0.00	23.28 1.64 0.00	31.25 2.16 -0.23	32.80 2.43 0.00	33.92 2.80 0.00	33.92 2.70 -0.92	35.77 2.88 -0.94	37.68 3.04 -2.61	35.58 2.87 -2.49	35.61 2.94 -2.65	36.97 2.85 -4.42	35.81 2.87 -3.65	37.86 3.12 -2.22	42.93 3.71 -1.80	45.85 3.97 -1.40	38.87 3.38 -0.31	34.95 2.83 0.00	30.46 2.01 -0.20	27.36 1.71 -0.82	25.15 1.58 -2.16
PPL PILGRIM_ST_GT1 24216	21.96 1.53 0.00	20.64 1.44 0.00	20.20 1.46 0.00	20.53 1.40 0.00	21.39 1.38 0.00	23.28 1.64 0.00	31.31 2.22 -0.23	33.01 2.64 0.00	33.98 2.86 0.00	33.98 2.76 -0.92	35.83 2.94 -0.94	37.72 3.08 -2.61	35.61 2.90 -2.49	35.64 2.97 -2.65	37.04 2.91 -4.42	35.81 2.87 -3.65	37.79 3.09 -2.18	42.66 3.48 -1.76	45.77 3.93 -1.36	38.76 3.31 -0.27	35.05 2.92 0.00	30.49 2.04 -0.20	27.41 1.76 -0.82	25.13 1.56 -2.16

PPL PILGRIM_ST_GT2 24217	21.96 1.53 0.00	20.64 1.44 0.00	20.20 1.46 0.00	20.53 1.40 0.00	21.39 1.38 0.00	23.28 1.64 0.00	31.31 2.22 -0.23	33.01 2.64 0.00	33.98 2.86 0.00	33.98 2.76 -0.92	35.83 2.94 -0.94	37.72 3.08 -2.61	35.61 2.90 -2.49	35.64 2.97 -2.65	37.04 2.91 -4.42	35.81 2.87 -3.65	37.79 3.09 -2.18	42.66 3.48 -1.76	45.77 3.93 -1.36	38.76 3.31 -0.27	35.05 2.92 0.00	30.49 2.04 -0.20	27.41 1.76 -0.82	25.13 1.56 -2.16
PPL_SHRM_GT3 24213	21.79 1.37 0.00	20.60 1.40 0.00	20.15 1.41 0.00	20.49 1.36 0.00	21.25 1.24 0.00	23.19 1.56 0.00	31.26 2.17 -0.23	32.71 2.34 0.00	33.95 2.83 0.00	33.89 2.67 -0.92	35.65 2.75 -0.94	37.55 2.91 -2.61	35.34 2.63 -2.49	35.55 2.88 -2.65	36.83 2.70 -4.42	35.66 2.72 -3.65	37.83 3.09 -2.21	42.89 3.67 -1.80	45.65 3.77 -1.39	38.84 3.34 -0.31	34.85 2.73 0.00	30.46 2.01 -0.20	27.24 1.59 -0.82	24.96 1.39 -2.16
PPL_SHRM_GT4 24214	21.79 1.37 0.00	20.60 1.40 0.00	20.15 1.41 0.00	20.49 1.36 0.00	21.25 1.24 0.00	23.19 1.56 0.00	31.26 2.17 -0.23	32.71 2.34 0.00	33.95 2.83 0.00	33.89 2.67 -0.92	35.65 2.75 -0.94	37.55 2.91 -2.61	35.34 2.63 -2.49	35.55 2.88 -2.65	36.83 2.70 -4.42	35.66 2.72 -3.65	37.83 3.09 -2.21	42.89 3.67 -1.80	45.65 3.77 -1.39	38.84 3.34 -0.31	34.85 2.73 0.00	30.46 2.01 -0.20	27.24 1.59 -0.82	24.96 1.39 -2.16
PROJECT___ORANGE 1 24174	20.32 -0.10 0.00	19.11 -0.10 0.00	18.63 -0.11 0.00	19.02 -0.11 0.00	19.97 -0.04 0.00	21.48 -0.15 0.00	28.34 -0.52 0.00	29.89 -0.49 0.00	30.62 -0.50 0.00	29.76 -0.55 0.00	31.44 -0.51 0.00	31.42 -0.61 0.00	29.67 -0.54 0.00	29.39 -0.63 0.00	29.08 -0.62 0.00	28.67 -0.61 0.00	31.94 -0.59 0.00	36.83 -0.60 0.00	39.84 -0.65 0.00	34.63 -0.56 0.00	31.55 -0.58 0.00	27.68 -0.56 0.00	24.43 -0.40 0.00	21.23 -0.17 0.00
PROJECT___ORANGE 2 24166	20.32 -0.10 0.00	19.11 -0.10 0.00	18.63 -0.11 0.00	19.02 -0.11 0.00	19.97 -0.04 0.00	21.48 -0.15 0.00	28.34 -0.52 0.00	29.89 -0.49 0.00	30.62 -0.50 0.00	29.76 -0.55 0.00	31.44 -0.51 0.00	31.42 -0.61 0.00	29.67 -0.54 0.00	29.39 -0.63 0.00	29.08 -0.62 0.00	28.67 -0.61 0.00	31.94 -0.59 0.00	36.83 -0.60 0.00	39.84 -0.65 0.00	34.63 -0.56 0.00	31.55 -0.58 0.00	27.68 -0.56 0.00	24.43 -0.40 0.00	21.23 -0.17 0.00
PUCKETT___SOLAR 323809	20.87 0.45 0.00	19.61 0.40 0.00	19.13 0.39 0.00	19.52 0.38 0.00	20.55 0.54 0.00	22.26 0.63 0.00	29.44 0.58 0.00	31.13 0.76 0.00	31.81 0.68 0.00	30.88 0.57 0.00	32.59 0.64 0.00	32.51 0.48 0.00	30.70 0.48 0.00	30.41 0.39 0.00	30.09 0.39 0.00	29.72 0.44 0.00	33.17 0.65 0.00	38.36 0.94 0.00	41.62 1.13 0.00	36.17 0.98 0.00	32.93 0.80 0.00	28.70 0.45 0.00	25.28 0.45 0.00	22.04 0.64 0.00
PYRITES___HYD 24023	20.18 -0.25 0.00	18.95 -0.25 0.00	18.53 -0.21 0.00	18.96 -0.17 0.00	19.83 -0.18 0.00	21.57 -0.06 0.00	29.18 0.32 0.00	30.53 0.15 0.00	31.25 0.12 0.00	30.55 0.24 0.00	32.30 0.32 -0.02	32.32 0.26 -0.04	30.46 0.24 0.00	30.27 0.24 0.00	29.94 0.24 0.00	29.40 0.12 0.00	32.40 -0.16 -0.04	37.22 -0.26 -0.06	40.72 -0.24 -0.47	35.60 -0.07 -0.48	32.35 0.22 0.00	28.85 0.59 0.00	25.25 0.42 0.00	21.44 0.04 0.00
QUAKERRD_115KV_BK1 80622	19.18 -1.25 0.00	18.03 -1.17 0.00	17.56 -1.18 0.00	17.93 -1.21 0.00	18.95 -1.06 0.00	20.40 -1.23 0.00	26.67 -2.19 0.00	28.10 -2.28 0.00	28.88 -2.24 0.00	27.97 -2.33 0.00	29.53 -2.43 0.00	29.50 -2.53 0.00	27.95 -2.27 0.00	27.56 -2.46 0.00	27.30 -2.41 0.00	26.91 -2.37 0.00	29.98 -2.54 0.00	34.51 -2.92 0.00	37.41 -3.08 0.00	32.55 -2.64 0.00	29.75 -2.38 0.00	26.07 -2.18 0.00	23.14 -1.69 0.00	20.31 -1.09 0.00
QUENSBRY_115KV_TB8 356137	21.24 0.82 0.00	19.95 0.75 0.00	19.47 0.73 0.00	19.90 0.77 0.00	20.79 0.78 0.00	22.65 1.02 0.00	30.13 1.27 0.00	31.89 1.52 0.00	32.71 1.59 0.00	31.85 1.55 0.00	33.58 1.63 0.00	33.73 1.70 0.00	31.70 1.48 0.00	31.43 1.41 0.00	31.04 1.34 0.00	30.57 1.29 0.00	33.98 1.46 0.00	39.11 1.68 0.00	42.43 1.94 0.00	36.88 1.69 0.00	33.57 1.45 0.00	29.27 1.02 0.00	25.67 0.84 0.00	22.26 0.86 0.00
RAMAPO___LBMP 323565	21.30 0.88 0.00	20.01 0.81 0.00	19.53 0.79 0.00	19.90 0.77 0.00	20.75 0.74 0.00	22.54 0.91 0.00	30.05 1.18 0.00	32.04 1.67 0.00	32.80 1.68 0.00	31.94 1.64 0.00	33.68 1.73 0.00	33.85 1.83 0.00	31.94 1.72 0.00	31.82 1.80 0.00	31.45 1.75 0.00	31.01 1.73 0.00	34.34 1.82 0.00	39.60 2.17 0.00	42.88 2.39 0.00	37.16 1.97 0.00	33.92 1.80 0.00	29.29 1.05 0.00	25.70 0.87 0.00	22.28 0.88 0.00
RANKINE____ 23646	18.87 -1.55 0.00	17.70 -1.50 0.00	17.26 -1.48 0.00	17.64 -1.49 0.00	18.87 -1.14 0.00	20.32 -1.32 0.00	26.01 -2.86 0.00	27.21 -3.16 0.00	28.01 -3.11 0.00	27.09 -3.21 0.00	28.57 -3.39 0.00	28.47 -3.56 0.00	27.26 -2.96 0.00	26.66 -3.36 0.00	26.43 -3.27 0.00	26.03 -3.25 0.00	29.07 -3.45 0.00	33.31 -4.12 0.00	36.20 -4.29 0.00	31.49 -3.69 0.00	28.85 -3.28 0.00	25.40 -2.85 0.00	22.87 -1.96 0.00	20.55 -0.86 0.00
RAVENSWOOD_GT2_1 24244	21.45 1.02 0.00	20.10 0.90 0.00	19.64 0.90 0.00	19.99 0.86 0.00	20.81 0.80 0.00	22.63 1.00 0.00	30.16 1.30 0.00	32.29 1.91 0.00	33.05 1.93 0.00	32.18 1.88 0.00	33.97 2.01 0.00	34.11 2.08 0.00	32.24 2.02 0.00	32.12 2.10 0.00	31.78 2.08 0.00	31.31 2.02 0.00	34.57 2.05 0.00	39.89 2.47 0.00	43.12 2.63 0.00	37.41 2.22 0.00	34.15 2.02 0.00	29.44 1.19 0.00	25.82 0.99 0.00	22.39 0.98 0.00
RAVENSWOOD_GT2_2 24245	21.45 1.02 0.00	20.10 0.90 0.00	19.64 0.90 0.00	19.99 0.86 0.00	20.81 0.80 0.00	22.63 1.00 0.00	30.16 1.30 0.00	32.29 1.91 0.00	33.05 1.93 0.00	32.18 1.88 0.00	33.97 2.01 0.00	34.11 2.08 0.00	32.24 2.02 0.00	32.12 2.10 0.00	31.78 2.08 0.00	31.31 2.02 0.00	34.57 2.05 0.00	39.89 2.47 0.00	43.12 2.63 0.00	37.41 2.22 0.00	34.15 2.02 0.00	29.44 1.19 0.00	25.82 0.99 0.00	22.39 0.98 0.00
RAVENSWOOD_GT2_3 24246	21.45 1.02 0.00	20.10 0.90 0.00	19.64 0.90 0.00	20.01 0.88 0.00	20.83 0.82 0.00	22.63 1.00 0.00	30.16 1.30 0.00	32.29 1.91 0.00	33.08 1.96 0.00	32.18 1.88 0.00	33.97 2.01 0.00	34.14 2.11 0.00	32.24 2.02 0.00	32.15 2.13 0.00	31.81 2.11 0.00	31.33 2.05 0.00	34.60 2.08 0.00	39.89 2.47 0.00	43.12 2.63 0.00	37.41 2.22 0.00	34.18 2.06 0.00	29.46 1.21 0.00	25.85 1.02 0.00	22.41 1.01 0.00
RAVENSWOOD_GT2_4 24247	21.45 1.02 0.00	20.10 0.90 0.00	19.64 0.90 0.00	20.01 0.88 0.00	20.83 0.82 0.00	22.63 1.00 0.00	30.16 1.30 0.00	32.29 1.91 0.00	33.08 1.96 0.00	32.18 1.88 0.00	33.97 2.01 0.00	34.14 2.11 0.00	32.24 2.02 0.00	32.15 2.13 0.00	31.81 2.11 0.00	31.33 2.05 0.00	34.60 2.08 0.00	39.89 2.47 0.00	43.12 2.63 0.00	37.41 2.22 0.00	34.18 2.06 0.00	29.46 1.21 0.00	25.85 1.02 0.00	22.41 1.01 0.00

RAVENSWOOD_GT3_1 24248	21.45 1.02 0.00	20.10 0.90 0.00	19.64 0.90 0.00	20.01 0.88 0.00	20.81 0.80 0.00	22.63 1.00 0.00	30.16 1.30 0.00	32.29 1.91 0.00	33.05 1.93 0.00	32.18 1.88 0.00	33.97 2.01 0.00	34.11 2.08 0.00	32.24 2.02 0.00	32.12 2.10 0.00	31.78 2.08 0.00	31.31 2.02 0.00	34.57 2.05 0.00	39.89 2.47 0.00	43.12 2.63 0.00	37.41 2.22 0.00	34.15 2.02 0.00	29.46 1.21 0.00	25.82 0.99 0.00	22.39 0.98 0.00
RAVENSWOOD_GT3_2 24249	21.45 1.02 0.00	20.10 0.90 0.00	19.64 0.90 0.00	20.01 0.88 0.00	20.81 0.80 0.00	22.63 1.00 0.00	30.16 1.30 0.00	32.29 1.91 0.00	33.05 1.93 0.00	32.18 1.88 0.00	33.97 2.01 0.00	34.11 2.08 0.00	32.24 2.02 0.00	32.12 2.10 0.00	31.78 2.08 0.00	31.31 2.02 0.00	34.57 2.05 0.00	39.89 2.47 0.00	43.12 2.63 0.00	37.41 2.22 0.00	34.15 2.02 0.00	29.46 1.21 0.00	25.82 0.99 0.00	22.39 0.98 0.00
RAVENSWOOD_GT3_3 24250	21.47 1.04 0.00	20.12 0.92 0.00	19.66 0.92 0.00	20.03 0.90 0.00	20.83 0.82 0.00	22.65 1.02 0.00	30.19 1.33 0.00	32.32 1.94 0.00	33.11 1.99 0.00	32.21 1.91 0.00	34.00 2.05 0.00	34.17 2.15 0.00	32.30 2.08 0.00	32.18 2.16 0.00	31.84 2.14 0.00	31.36 2.08 0.00	34.63 2.11 0.00	39.93 2.51 0.00	43.20 2.71 0.00	37.48 2.29 0.00	34.21 2.09 0.00	29.49 1.24 0.00	25.87 1.04 0.00	22.43 1.03 0.00
RAVENSWOOD_GT3_4 24251	21.47 1.04 0.00	20.12 0.92 0.00	19.66 0.92 0.00	20.03 0.90 0.00	20.83 0.82 0.00	22.65 1.02 0.00	30.19 1.33 0.00	32.32 1.94 0.00	33.11 1.99 0.00	32.21 1.91 0.00	34.00 2.05 0.00	34.17 2.15 0.00	32.30 2.08 0.00	32.18 2.16 0.00	31.84 2.14 0.00	31.36 2.08 0.00	34.63 2.11 0.00	39.93 2.51 0.00	43.20 2.71 0.00	37.48 2.29 0.00	34.21 2.09 0.00	29.49 1.24 0.00	25.87 1.04 0.00	22.43 1.03 0.00
RAVENSWOOD_GT_1 23729	21.55 1.12 0.00	20.18 0.98 0.00	19.73 0.99 0.00	20.09 0.96 0.00	20.89 0.88 0.00	22.65 1.02 0.00	30.13 1.27 0.00	32.35 1.97 0.00	33.15 2.02 0.00	32.24 1.94 0.00	34.07 2.11 0.00	34.21 2.18 -0.01	32.33 2.12 0.00	32.25 2.22 0.00	31.90 2.20 0.00	31.42 2.14 0.00	34.67 2.15 -0.01	40.02 2.58 -0.01	43.30 2.75 -0.06	37.54 2.29 -0.06	34.25 2.12 0.00	29.49 1.24 0.00	25.90 1.07 0.00	22.47 1.07 0.00
RAVENSWOOD_GT_10 24258	21.45 1.02 0.00	20.10 0.90 0.00	19.64 0.90 0.00	19.99 0.86 0.00	20.81 0.80 0.00	22.63 1.00 0.00	30.16 1.30 0.00	32.29 1.91 0.00	33.05 1.93 0.00	32.18 1.88 0.00	33.97 2.01 0.00	34.11 2.08 0.00	32.24 2.02 0.00	32.12 2.10 0.00	31.78 2.08 0.00	31.31 2.02 0.00	34.57 2.05 0.00	39.89 2.47 0.00	43.12 2.63 0.00	37.41 2.22 0.00	34.15 2.02 0.00	29.46 1.21 0.00	25.82 0.99 0.00	22.39 0.98 0.00
RAVENSWOOD_GT_11 24259	21.45 1.02 0.00	20.10 0.90 0.00	19.64 0.90 0.00	19.99 0.86 0.00	20.81 0.80 0.00	22.63 1.00 0.00	30.16 1.30 0.00	32.29 1.91 0.00	33.05 1.93 0.00	32.18 1.88 0.00	33.97 2.01 0.00	34.11 2.08 0.00	32.24 2.02 0.00	32.12 2.10 0.00	31.78 2.08 0.00	31.31 2.02 0.00	34.57 2.05 0.00	39.89 2.47 0.00	43.12 2.63 0.00	37.41 2.22 0.00	34.15 2.02 0.00	29.46 1.21 0.00	25.82 0.99 0.00	22.39 0.98 0.00
RAVENSWOOD_GT_4 24252	21.43 1.00 0.00	20.09 0.88 0.00	19.62 0.88 0.00	19.99 0.86 0.00	20.81 0.80 0.00	22.63 1.00 0.00	30.16 1.30 0.00	32.29 1.91 0.00	33.05 1.93 0.00	32.18 1.88 0.00	33.94 1.98 0.00	34.11 2.08 0.00	32.24 2.02 0.00	32.12 2.10 0.00	31.78 2.08 0.00	31.31 2.02 0.00	34.57 2.05 0.00	39.86 2.43 -0.01	43.17 2.63 -0.05	37.45 2.22 -0.05	34.15 2.02 0.00	29.47 1.21 0.00	25.82 0.99 0.00	22.39 0.98 0.00
RAVENSWOOD_GT_5 24254	21.43 1.00 0.00	20.09 0.88 0.00	19.62 0.88 0.00	19.99 0.86 0.00	20.81 0.80 0.00	22.63 1.00 0.00	30.16 1.30 0.00	32.29 1.91 0.00	33.05 1.93 0.00	32.18 1.88 0.00	33.94 1.98 0.00	34.11 2.08 0.00	32.24 2.02 0.00	32.12 2.10 0.00	31.78 2.08 0.00	31.31 2.02 0.00	34.57 2.05 0.00	39.86 2.43 -0.01	43.17 2.63 -0.05	37.45 2.22 -0.05	34.15 2.02 0.00	29.47 1.21 0.00	25.82 0.99 0.00	22.39 0.98 0.00
RAVENSWOOD_GT_6 24253	21.43 1.00 0.00	20.09 0.88 0.00	19.62 0.88 0.00	19.99 0.86 0.00	20.81 0.80 0.00	22.63 1.00 0.00	30.16 1.30 0.00	32.29 1.91 0.00	33.05 1.93 0.00	32.18 1.88 0.00	33.94 1.98 0.00	34.11 2.08 0.00	32.24 2.02 0.00	32.12 2.10 0.00	31.78 2.08 0.00	31.31 2.02 0.00	34.57 2.05 0.00	39.86 2.43 -0.01	43.17 2.63 -0.05	37.45 2.22 -0.05	34.15 2.02 0.00	29.47 1.21 0.00	25.82 0.99 0.00	22.39 0.98 0.00
RAVENSWOOD_GT_7 24255	21.43 1.00 0.00	20.09 0.88 0.00	19.62 0.88 0.00	19.99 0.86 0.00	20.81 0.80 0.00	22.63 1.00 0.00	30.16 1.30 0.00	32.29 1.91 0.00	33.05 1.93 0.00	32.18 1.88 0.00	33.94 1.98 0.00	34.11 2.08 0.00	32.24 2.02 0.00	32.12 2.10 0.00	31.78 2.08 0.00	31.31 2.02 0.00	34.57 2.05 0.00	39.86 2.43 -0.01	43.17 2.63 -0.05	37.45 2.22 -0.05	34.15 2.02 0.00	29.47 1.21 0.00	25.82 0.99 0.00	22.39 0.98 0.00
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	21.45 1.02 0.00	20.10 0.90 0.00	19.64 0.90 0.00	19.99 0.86 0.00	20.81 0.80 0.00	22.63 1.00 0.00	30.16 1.30 0.00	32.29 1.91 0.00	33.05 1.93 0.00	32.18 1.88 0.00	33.97 2.01 0.00	34.11 2.08 0.00	32.24 2.02 0.00	32.12 2.10 0.00	31.78 2.08 0.00	31.31 2.02 0.00	34.57 2.05 0.00	39.89 2.47 0.00	43.12 2.63 0.00	37.41 2.22 0.00	34.15 2.02 0.00	29.46 1.21 0.00	25.82 0.99 0.00	22.39 0.98 0.00
RAVENSWOOD_GT_9 24257	21.45 1.02 0.00	20.10 0.90 0.00	19.64 0.90 0.00	19.99 0.86 0.00	20.81 0.80 0.00	22.63 1.00 0.00	30.16 1.30 0.00	32.29 1.91 0.00	33.05 1.93 0.00	32.18 1.88 0.00	33.97 2.01 0.00	34.11 2.08 0.00	32.24 2.02 0.00	32.12 2.10 0.00	31.78 2.08 0.00	31.31 2.02 0.00	34.57 2.05 0.00	39.89 2.47 0.00	43.12 2.63 0.00	37.41 2.22 0.00	34.15 2.02 0.00	29.46 1.21 0.00	25.82 0.99 0.00	22.39 0.98 0.00
RAVENSWOOD____1 23533	21.55 1.12 0.00	20.16 0.96 0.00	19.71 0.97 0.00	20.07 0.94 0.00	20.87 0.86 0.00	22.52 0.89 0.00	30.07 1.21 0.00	32.35 1.97 0.00	33.11 1.99 0.00	32.21 1.91 0.00	34.03 2.08 0.00	34.21 2.18 0.00	32.33 2.11 0.00	32.21 2.19 0.00	31.87 2.17 0.00	31.39 2.11 0.00	34.63 2.11 0.00	39.97 2.55 0.00	43.20 2.71 0.00	37.51 2.32 0.00	34.18 2.06 0.00	29.46 1.21 0.00	25.87 1.04 0.00	22.30 0.90 0.00
RAVENSWOOD____2 23534	21.53 1.10 0.00	20.14 0.94 0.00	19.71 0.97 0.00	20.05 0.92 0.00	20.87 0.86 0.00	22.52 0.89 0.00	30.07 1.21 0.00	32.32 1.95 0.00	33.08 1.96 0.00	32.18 1.88 0.00	34.03 2.08 0.00	34.17 2.15 0.00	32.30 2.08 0.00	32.21 2.19 0.00	31.84 2.14 0.00	31.36 2.08 0.00	34.63 2.11 0.00	39.97 2.55 0.00	43.16 2.67 0.00	37.51 2.32 0.00	34.18 2.06 0.00	29.46 1.21 0.00	25.85 1.02 0.00	22.30 0.90 0.00

RAVENSWOOD___3 23535	21.44 1.02 0.00	20.09 0.88 0.00	19.64 0.90 0.00	20.00 0.86 0.00	20.83 0.82 0.00	22.52 0.89 0.00	30.10 1.24 0.00	32.32 1.95 0.00	33.05 1.93 0.00	32.15 1.85 0.00	33.97 2.01 0.00	34.11 2.08 0.00	32.24 2.02 0.00	32.15 2.13 0.00	31.78 2.08 0.00	31.30 2.02 0.00	34.57 2.05 0.00	39.89 2.47 0.00	43.12 2.63 0.00	37.44 2.25 0.00	34.15 2.03 0.00	29.46 1.21 0.00	25.82 0.99 0.00	22.26 0.86 0.00
RAVENSWOOD___4 23820	21.53 1.10 0.00	20.14 0.94 0.00	19.71 0.97 0.00	20.05 0.92 0.00	20.87 0.86 0.00	22.50 0.87 0.00	30.07 1.21 0.00	32.32 1.95 0.00	33.08 1.96 0.00	32.18 1.88 0.00	34.03 2.08 0.00	34.17 2.15 0.01	32.30 2.08 0.00	32.18 2.16 0.00	31.84 2.14 0.00	31.36 2.08 0.00	34.63 2.11 0.01	39.92 2.51 0.01	43.10 2.67 0.06	37.41 2.29 0.06	34.18 2.06 0.00	29.43 1.19 0.00	25.85 1.02 0.00	22.30 0.90 0.00
RCPL_TRUST___DRP 24196	21.45 1.02 0.00	20.10 0.90 0.00	19.64 0.90 0.00	20.01 0.88 0.00	20.83 0.82 0.00	22.65 1.02 0.00	30.19 1.33 0.00	32.35 1.97 0.00	33.11 1.99 0.00	32.21 1.91 0.00	34.00 2.05 0.00	34.17 2.15 0.00	32.30 2.08 0.00	32.18 2.16 0.00	31.84 2.14 0.00	31.36 2.08 0.00	34.63 2.11 0.00	39.93 2.51 0.00	43.16 2.67 0.00	37.44 2.25 0.00	34.21 2.09 0.00	29.46 1.21 0.00	25.85 1.02 0.00	22.41 1.01 0.00
RED___ROCHESTER 323720	19.55 -0.88 0.00	18.38 -0.83 0.00	17.92 -0.82 0.00	18.29 -0.84 0.00	19.33 -0.68 0.00	20.94 -0.69 0.00	27.13 -1.73 0.00	28.55 -1.82 0.00	29.41 -1.71 0.00	28.49 -1.82 0.00	30.04 -1.92 0.00	29.98 -2.05 0.00	28.46 -1.75 0.00	28.01 -2.01 0.00	27.74 -1.96 0.00	27.35 -1.93 0.00	30.47 -2.05 0.00	35.07 -2.36 0.00	38.14 -2.35 0.00	33.18 -2.00 0.00	30.33 -1.80 0.00	26.56 -1.69 0.00	23.54 -1.29 0.00	20.85 -0.56 0.00
REGAN___SOLAR 323812	22.16 1.74 0.00	20.78 1.57 0.00	20.28 1.54 0.00	20.74 1.61 0.00	21.79 1.78 0.00	23.71 2.08 0.00	31.49 2.63 0.00	33.23 2.85 0.00	33.89 2.77 0.00	32.76 2.45 0.00	34.57 2.62 0.00	34.69 2.66 0.00	32.64 2.42 0.00	32.30 2.28 0.00	31.90 2.20 0.00	31.48 2.20 0.00	35.15 2.63 0.00	40.79 3.37 0.00	44.54 4.05 0.00	38.74 3.55 0.00	35.21 3.08 0.00	30.74 2.49 0.00	26.99 2.16 0.00	23.31 1.90 0.00
RENSSELAER___COGEN 23796	21.20 0.78 0.00	19.95 0.75 0.00	19.45 0.71 0.00	19.88 0.75 0.00	20.73 0.72 0.00	22.41 0.78 0.00	29.84 0.98 0.00	31.65 1.28 0.00	32.43 1.31 0.00	31.61 1.30 0.00	33.23 1.28 0.00	33.37 1.34 0.00	31.43 1.21 0.00	31.25 1.23 0.00	30.92 1.22 0.00	30.49 1.20 0.00	33.79 1.27 0.00	38.88 1.46 0.00	42.03 1.54 0.00	36.56 1.37 0.00	33.34 1.22 0.00	29.07 0.82 0.00	25.50 0.67 0.00	22.04 0.64 0.00
REPUBLIC_115KV_BARTNBRK 55605	21.81 1.39 0.00	20.47 1.27 0.00	19.98 1.24 0.00	20.43 1.30 0.00	21.41 1.40 0.00	23.37 1.73 0.00	31.08 2.22 0.00	32.96 2.58 0.00	33.70 2.58 0.00	32.76 2.45 0.00	34.54 2.59 0.00	34.75 2.72 0.00	32.60 2.39 0.00	32.21 2.19 0.00	31.75 2.05 0.00	31.25 1.96 0.00	34.76 2.24 0.00	40.08 2.66 0.00	43.57 3.08 0.00	37.97 2.78 0.00	34.50 2.38 0.00	30.06 1.81 0.00	26.42 1.59 0.00	22.90 1.50 0.00
REVERE_CPPR_DRP 24186	21.06 0.63 0.00	19.76 0.56 0.00	19.28 0.54 0.00	19.67 0.54 0.00	20.65 0.64 0.00	22.39 0.76 0.00	29.79 0.92 0.00	31.56 1.18 0.00	32.34 1.21 0.00	31.42 1.12 0.00	33.17 1.21 0.00	33.09 1.06 0.00	31.21 1.00 0.00	30.95 0.93 0.00	30.62 0.92 0.00	30.22 0.94 0.00	33.72 1.20 0.00	38.96 1.53 0.00	42.23 1.74 0.00	36.70 1.51 0.00	33.51 1.38 0.00	29.24 0.99 0.00	25.67 0.84 0.00	22.19 0.79 0.00
REYNOLDS_115KV_TB3 80639	21.16 0.74 0.00	19.93 0.73 0.00	19.45 0.71 0.00	19.86 0.73 0.00	20.69 0.68 0.00	22.52 0.89 0.00	29.84 0.98 0.00	31.59 1.21 0.00	32.40 1.28 0.00	31.58 1.27 0.00	33.20 1.25 0.00	33.34 1.31 0.00	31.40 1.18 0.00	31.25 1.23 0.00	30.92 1.22 0.00	30.49 1.20 0.00	33.76 1.24 0.00	38.81 1.38 0.00	41.95 1.46 0.00	36.45 1.27 0.00	33.28 1.16 0.00	29.01 0.76 0.00	25.45 0.62 0.00	22.13 0.73 0.00
RIVERBAY____ 323610	21.69 1.27 0.00	20.28 1.08 0.00	19.85 1.11 0.00	20.19 1.05 0.00	20.99 0.98 0.00	22.63 1.00 0.00	30.02 1.15 0.00	32.17 1.79 0.00	32.96 1.84 0.00	32.06 1.76 0.00	33.87 1.92 0.00	34.08 2.05 0.00	32.24 2.02 0.00	32.12 2.10 0.00	31.75 2.05 0.00	31.28 1.99 0.00	34.50 1.98 0.00	39.82 2.40 0.00	43.08 2.59 0.00	37.37 2.18 0.00	34.18 2.06 0.00	29.44 1.19 0.00	25.92 1.09 0.00	22.62 1.22 0.00
RIVERSDE_115KV_TB3 55908	21.22 0.80 0.00	19.97 0.77 0.00	19.49 0.75 0.00	19.90 0.77 0.00	20.75 0.74 0.00	22.57 0.93 0.00	29.93 1.07 0.00	31.68 1.31 0.00	32.49 1.37 0.00	31.67 1.36 0.00	33.30 1.34 0.00	33.44 1.41 0.00	31.49 1.27 0.00	31.31 1.29 0.00	30.98 1.28 0.00	30.54 1.26 0.00	33.85 1.33 0.00	38.92 1.50 0.00	42.11 1.62 0.00	36.56 1.37 0.00	33.38 1.25 0.00	29.10 0.85 0.00	25.52 0.70 0.00	22.19 0.79 0.00
ROARING___BROOK_WT_PWR 323790	19.67 -0.76 0.00	18.51 -0.69 0.00	18.07 -0.67 0.00	18.46 -0.67 0.00	19.31 -0.70 0.00	20.90 -0.74 0.00	28.08 -0.78 0.00	29.49 -0.88 0.00	30.31 -0.81 0.00	29.58 -0.73 0.00	31.25 -0.70 0.00	31.39 -0.64 0.00	29.64 -0.58 0.00	29.51 -0.51 0.00	29.22 -0.48 0.00	28.85 -0.44 0.00	32.03 -0.49 0.00	36.75 -0.67 0.00	39.64 -0.85 0.00	34.41 -0.77 0.00	31.45 -0.68 0.00	27.77 -0.48 0.00	24.38 -0.45 0.00	20.93 -0.47 0.00
ROCHESRG_115KV_T4 355643	19.38 -1.04 0.00	18.20 -1.00 0.00	17.73 -1.01 0.00	18.10 -1.03 0.00	19.17 -0.84 0.00	20.64 -1.00 0.00	26.84 -2.02 0.00	28.25 -2.13 0.00	29.07 -2.05 0.00	28.12 -2.18 0.00	29.69 -2.27 0.00	29.66 -2.37 0.00	28.16 -2.05 0.00	27.71 -2.31 0.00	27.44 -2.26 0.00	27.06 -2.23 0.00	30.15 -2.37 0.00	34.62 -2.81 0.00	37.57 -2.92 0.00	32.73 -2.46 0.00	29.91 -2.22 0.00	26.27 -1.98 0.00	23.36 -1.46 0.00	20.61 -0.79 0.00
ROCHESTER_9_IC 23652	19.46 -0.96 0.00	18.28 -0.92 0.00	17.82 -0.92 0.00	18.20 -0.94 0.00	19.27 -0.74 0.00	20.75 -0.89 0.00	26.99 -1.88 0.00	28.40 -1.97 0.00	29.25 -1.87 0.00	28.27 -2.03 0.00	29.84 -2.11 0.00	29.82 -2.21 0.00	28.31 -1.90 0.00	27.86 -2.16 0.00	27.59 -2.11 0.00	27.21 -2.08 0.00	30.31 -2.21 0.00	34.84 -2.58 0.00	37.82 -2.67 0.00	32.94 -2.25 0.00	30.10 -2.02 0.00	26.41 -1.84 0.00	23.49 -1.34 0.00	20.72 -0.68 0.00
ROCKVIEW_13_KV_LD 356306	21.47 1.04 0.00	20.14 0.94 0.00	19.68 0.94 0.00	20.05 0.92 0.00	20.89 0.88 0.00	22.70 1.06 0.00	30.28 1.41 0.00	32.35 1.97 0.00	33.14 2.02 0.00	32.27 1.97 0.00	34.06 2.11 0.00	34.24 2.21 0.00	32.30 2.08 0.00	32.18 2.16 0.00	31.81 2.11 0.00	31.36 2.08 0.00	34.70 2.18 0.00	40.01 2.58 0.00	43.32 2.83 0.00	37.58 2.39 0.00	34.28 2.15 0.00	29.58 1.33 0.00	25.92 1.09 0.00	22.45 1.05 0.00

ROME____115KV_TB2 80656	21.06 0.63 0.00	19.76 0.56 0.00	19.28 0.54 0.00	19.67 0.54 0.00	20.65 0.64 0.00	22.39 0.76 0.00	29.79 0.92 0.00	31.56 1.18 0.00	32.34 1.21 0.00	31.42 1.12 0.00	33.17 1.21 0.00	33.09 1.06 0.00	31.21 1.00 0.00	30.95 0.93 0.00	30.62 0.92 0.00	30.22 0.94 0.00	33.72 1.20 0.00	38.96 1.53 0.00	42.23 1.74 0.00	36.70 1.51 0.00	33.51 1.38 0.00	29.24 0.99 0.00	25.67 0.84 0.00	22.19 0.79 0.00
ROSETON____1 23587	21.28 0.86 0.00	19.99 0.79 0.00	19.51 0.77 0.00	19.90 0.77 0.00	20.73 0.72 0.00	22.41 0.78 0.00	29.93 1.07 0.00	31.95 1.58 0.00	32.71 1.59 0.00	31.85 1.54 0.00	33.58 1.63 0.00	33.76 1.73 0.00	31.82 1.60 0.00	31.70 1.68 0.00	31.33 1.63 0.00	30.89 1.61 0.00	34.21 1.69 0.00	39.41 1.98 0.00	42.63 2.14 0.00	37.05 1.86 0.00	33.76 1.64 0.00	29.24 0.99 0.00	25.62 0.79 0.00	22.09 0.68 0.00
ROSETON____2 23588	21.28 0.86 0.00	19.99 0.79 0.00	19.51 0.77 0.00	19.90 0.77 0.00	20.73 0.72 0.00	22.41 0.78 0.00	29.93 1.07 0.00	31.95 1.58 0.00	32.71 1.59 0.00	31.85 1.54 0.00	33.58 1.63 0.00	33.76 1.73 0.00	31.82 1.60 0.00	31.70 1.68 0.00	31.33 1.63 0.00	30.89 1.61 0.00	34.21 1.69 0.00	39.41 1.98 0.00	42.63 2.14 0.00	37.05 1.86 0.00	33.76 1.64 0.00	29.24 0.99 0.00	25.62 0.79 0.00	22.09 0.68 0.00
ROTTREDAM_115KV_TB3 80664	21.00 0.57 0.00	19.74 0.54 0.00	19.26 0.52 0.00	19.67 0.54 0.00	20.53 0.52 0.00	22.28 0.65 0.00	29.64 0.78 0.00	31.35 0.97 0.00	32.12 1.00 0.00	31.27 0.97 0.00	32.91 0.96 0.00	33.05 1.02 0.00	31.15 0.94 0.00	30.95 0.93 0.00	30.62 0.92 0.00	30.19 0.91 0.00	33.50 0.98 0.00	38.55 1.12 0.00	41.74 1.26 0.00	36.24 1.06 0.00	33.09 0.96 0.00	28.87 0.62 0.00	25.35 0.52 0.00	21.98 0.58 0.00
RUSSELL____1 23602	19.55 -0.88 0.00	18.36 -0.84 0.00	17.88 -0.86 0.00	18.25 -0.88 0.00	19.33 -0.68 0.00	20.83 -0.80 0.00	27.07 -1.79 0.00	28.52 -1.85 0.00	29.38 -1.74 0.00	28.39 -1.91 0.00	30.00 -1.95 0.00	29.98 -2.05 0.00	28.46 -1.75 0.00	28.01 -2.01 0.00	27.74 -1.96 0.00	27.35 -1.93 0.00	30.47 -2.05 0.00	35.07 -2.36 0.00	38.06 -2.43 0.00	33.11 -2.08 0.00	30.26 -1.86 0.00	26.55 -1.69 0.00	23.61 -1.22 0.00	20.80 -0.60 0.00
RUSSELL____2 23532	19.55 -0.88 0.00	18.36 -0.84 0.00	17.88 -0.86 0.00	18.25 -0.88 0.00	19.33 -0.68 0.00	20.83 -0.80 0.00	27.07 -1.79 0.00	28.52 -1.85 0.00	29.38 -1.74 0.00	28.39 -1.91 0.00	30.00 -1.95 0.00	29.98 -2.05 0.00	28.46 -1.75 0.00	28.01 -2.01 0.00	27.74 -1.96 0.00	27.35 -1.93 0.00	30.47 -2.05 0.00	35.07 -2.36 0.00	38.06 -2.43 0.00	33.11 -2.08 0.00	30.26 -1.86 0.00	26.55 -1.69 0.00	23.61 -1.22 0.00	20.80 -0.60 0.00
RUSSELL____3 23549	19.55 -0.88 0.00	18.36 -0.84 0.00	17.88 -0.86 0.00	18.25 -0.88 0.00	19.33 -0.68 0.00	20.83 -0.80 0.00	27.07 -1.79 0.00	28.52 -1.85 0.00	29.38 -1.74 0.00	28.39 -1.91 0.00	30.00 -1.95 0.00	29.98 -2.05 0.00	28.46 -1.75 0.00	28.01 -2.01 0.00	27.74 -1.96 0.00	27.35 -1.93 0.00	30.47 -2.05 0.00	35.07 -2.36 0.00	38.06 -2.43 0.00	33.11 -2.08 0.00	30.26 -1.86 0.00	26.55 -1.69 0.00	23.61 -1.22 0.00	20.80 -0.60 0.00
RUSSELL____4 23556	19.55 -0.88 0.00	18.36 -0.84 0.00	17.88 -0.86 0.00	18.25 -0.88 0.00	19.33 -0.68 0.00	20.83 -0.80 0.00	27.07 -1.79 0.00	28.52 -1.85 0.00	29.38 -1.74 0.00	28.39 -1.91 0.00	30.00 -1.95 0.00	29.98 -2.05 0.00	28.46 -1.75 0.00	28.01 -2.01 0.00	27.74 -1.96 0.00	27.35 -1.93 0.00	30.47 -2.05 0.00	35.07 -2.36 0.00	38.06 -2.43 0.00	33.11 -2.08 0.00	30.26 -1.86 0.00	26.55 -1.69 0.00	23.61 -1.22 0.00	20.80 -0.60 0.00
RUSSELL____STATION 23914	19.55 -0.88 0.00	18.36 -0.84 0.00	17.88 -0.86 0.00	18.25 -0.88 0.00	19.33 -0.68 0.00	20.83 -0.80 0.00	27.07 -1.79 0.00	28.52 -1.85 0.00	29.38 -1.74 0.00	28.39 -1.91 0.00	30.00 -1.95 0.00	29.98 -2.05 0.00	28.46 -1.75 0.00	28.01 -2.01 0.00	27.74 -1.96 0.00	27.35 -1.93 0.00	30.47 -2.05 0.00	35.07 -2.36 0.00	38.06 -2.43 0.00	33.11 -2.08 0.00	30.26 -1.86 0.00	26.55 -1.69 0.00	23.61 -1.22 0.00	20.80 -0.60 0.00
S SALMON____HYD 24043	20.20 -0.22 0.00	18.97 -0.23 0.00	18.52 -0.22 0.00	18.91 -0.23 0.00	19.85 -0.16 0.00	21.49 -0.15 0.00	28.37 -0.49 0.00	29.89 -0.49 0.00	30.56 -0.56 0.00	29.67 -0.64 0.00	31.31 -0.64 0.00	31.23 -0.80 0.00	29.46 -0.75 0.00	29.18 -0.84 0.00	28.87 -0.83 0.00	28.43 -0.85 0.00	31.74 -0.78 0.00	36.68 -0.75 0.00	39.76 -0.73 0.00	34.62 -0.56 0.00	31.64 -0.48 0.00	27.77 -0.48 0.00	24.46 -0.37 0.00	21.27 -0.13 0.00
S.PERRY__115KV_TB1 80734	20.32 -0.10 0.00	19.11 -0.10 0.00	18.63 -0.11 0.00	19.04 -0.10 0.00	20.17 0.16 0.00	21.83 0.19 0.00	28.57 -0.29 0.00	30.10 -0.27 0.00	30.69 -0.44 0.00	29.61 -0.70 0.00	31.38 -0.58 0.00	31.26 -0.77 0.00	29.58 -0.63 0.00	29.15 -0.87 0.00	28.87 -0.83 0.00	28.55 -0.73 0.00	31.90 -0.62 0.00	36.94 -0.49 0.00	40.33 -0.16 0.00	35.15 -0.04 0.00	32.09 -0.03 0.00	28.05 -0.20 0.00	24.78 -0.05 0.00	21.74 0.34 0.00
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	18.71 -1.72 0.00	17.57 -1.63 0.00	17.11 -1.63 0.00	17.49 -1.65 0.00	18.69 -1.32 0.00	20.10 -1.54 0.00	25.72 -3.15 0.00	26.91 -3.46 0.00	27.70 -3.42 0.00	26.79 -3.52 0.00	28.22 -3.74 0.00	28.12 -3.91 0.00	26.89 -3.32 0.00	26.33 -3.69 0.00	26.14 -3.56 0.00	25.71 -3.57 0.00	28.72 -3.80 0.00	32.86 -4.57 0.00	35.67 -4.82 0.00	31.07 -4.12 0.00	28.49 -3.63 0.00	25.09 -3.16 0.00	22.59 -2.23 0.00	20.29 -1.11 0.00
SAWYER__23_KV_LOAD 55526	18.71 -1.72 0.00	17.57 -1.63 0.00	17.11 -1.63 0.00	17.49 -1.65 0.00	18.69 -1.32 0.00	20.10 -1.54 0.00	25.72 -3.15 0.00	26.91 -3.46 0.00	27.70 -3.42 0.00	26.79 -3.52 0.00	28.22 -3.74 0.00	28.12 -3.91 0.00	26.89 -3.32 0.00	26.33 -3.69 0.00	26.14 -3.56 0.00	25.71 -3.57 0.00	28.72 -3.80 0.00	32.86 -4.57 0.00	35.67 -4.82 0.00	31.07 -4.12 0.00	28.49 -3.63 0.00	25.09 -3.16 0.00	22.59 -2.23 0.00	20.29 -1.11 0.00
SELKIRK____I 23801	21.16 0.73 0.00	19.91 0.71 0.00	19.41 0.67 0.00	19.84 0.71 0.00	20.71 0.70 0.00	22.39 0.76 0.00	29.79 0.92 0.00	31.53 1.15 0.00	32.30 1.18 0.00	31.45 1.15 0.00	33.07 1.12 0.00	33.21 1.19 0.00	31.27 1.06 0.00	31.07 1.05 0.00	30.74 1.04 0.00	30.31 1.02 0.00	33.63 1.11 0.00	38.70 1.27 0.00	41.87 1.38 0.00	36.39 1.20 0.00	33.22 1.09 0.00	29.01 0.76 0.00	25.47 0.64 0.00	22.02 0.62 0.00
SELKIRK____II 23799	21.08 0.65 0.00	19.83 0.63 0.00	19.36 0.62 0.00	19.76 0.63 0.00	20.63 0.62 0.00	22.31 0.67 0.00	29.70 0.84 0.00	31.47 1.09 0.00	32.24 1.12 0.00	31.39 1.09 0.00	33.04 1.09 0.00	33.18 1.15 0.00	31.24 1.03 0.00	31.07 1.05 0.00	30.74 1.04 0.00	30.31 1.02 0.00	33.63 1.11 0.00	38.66 1.23 0.00	41.82 1.33 0.00	36.35 1.16 0.00	33.18 1.06 0.00	28.93 0.68 0.00	25.37 0.55 0.00	21.94 0.54 0.00

SENECA OSWGO___HYD 24041	20.18 -0.24 0.00	18.97 -0.23 0.00	18.52 -0.22 0.00	18.91 -0.23 0.00	19.83 -0.18 0.00	21.42 -0.22 0.00	28.20 -0.66 0.00	29.73 -0.64 0.00	30.44 -0.68 0.00	29.58 -0.73 0.00	31.25 -0.70 0.00	31.20 -0.83 0.00	29.46 -0.75 0.00	29.21 -0.81 0.00	28.90 -0.80 0.00	28.43 -0.85 0.00	31.71 -0.81 0.00	36.53 -0.90 0.00	39.60 -0.89 0.00	34.41 -0.77 0.00	31.39 -0.74 0.00	27.54 -0.71 0.00	24.26 -0.57 0.00	21.19 -0.21 0.00
SENECA___115KV_TB3 355854	18.89 -1.53 0.00	17.72 -1.48 0.00	17.28 -1.46 0.00	17.66 -1.47 0.00	18.91 -1.10 0.00	20.34 -1.30 0.00	26.03 -2.83 0.00	27.28 -3.10 0.00	28.07 -3.05 0.00	27.15 -3.15 0.00	28.60 -3.36 0.00	28.54 -3.49 0.00	27.29 -2.93 0.00	26.72 -3.30 0.00	26.49 -3.21 0.00	26.09 -3.19 0.00	29.11 -3.41 0.00	33.38 -4.04 0.00	36.24 -4.25 0.00	31.53 -3.66 0.00	28.91 -3.21 0.00	25.42 -2.82 0.00	22.89 -1.94 0.00	20.57 -0.83 0.00
SENECA___ENERGY 23797	20.22 -0.20 0.00	19.01 -0.19 0.00	18.55 -0.19 0.00	18.92 -0.21 0.00	19.93 -0.08 0.00	21.59 -0.04 0.00	28.43 -0.43 0.00	30.01 -0.36 0.00	30.62 -0.50 0.00	29.76 -0.54 0.00	31.44 -0.51 0.00	31.35 -0.67 0.00	29.64 -0.58 0.00	29.33 -0.69 0.00	29.02 -0.68 0.00	28.61 -0.67 0.00	31.90 -0.62 0.00	36.75 -0.67 0.00	39.88 -0.61 0.00	34.66 -0.53 0.00	31.64 -0.48 0.00	27.68 -0.56 0.00	24.38 -0.45 0.00	21.36 -0.04 0.00
SHOEMAKER___GT 23640	21.49 1.06 0.00	20.16 0.96 0.00	19.68 0.94 0.00	20.05 0.92 0.00	20.93 0.92 0.00	22.65 1.02 0.00	30.25 1.39 0.00	32.23 1.85 0.00	32.96 1.84 0.00	32.12 1.82 0.00	33.87 1.92 0.00	34.01 1.99 0.00	32.06 1.84 0.00	31.91 1.89 0.00	31.57 1.87 0.00	31.13 1.85 0.00	34.50 1.98 0.00	39.86 2.43 0.00	43.16 2.67 0.00	37.51 2.32 0.00	34.21 2.09 0.00	29.52 1.27 0.00	25.82 0.99 0.00	22.28 0.88 0.00
SHOEMAKR_138KV_BK 111 55601	21.47 1.04 0.00	20.16 0.96 0.00	19.68 0.94 0.00	20.05 0.92 0.00	20.91 0.90 0.00	22.74 1.10 0.00	30.25 1.39 0.00	32.20 1.82 0.00	32.96 1.84 0.00	32.12 1.82 0.00	33.84 1.89 0.00	33.98 1.95 0.00	32.06 1.84 0.00	31.91 1.89 0.00	31.57 1.87 0.00	31.13 1.84 0.00	34.50 1.98 0.00	39.82 2.40 0.00	43.20 2.71 0.00	37.44 2.25 0.00	34.21 2.09 0.00	29.49 1.24 0.00	25.82 0.99 0.00	22.41 1.01 0.00
SHOREHAM_IC_1 23715	21.79 1.37 0.00	20.60 1.40 0.00	20.15 1.41 0.00	20.49 1.36 0.00	21.25 1.24 0.00	23.19 1.56 0.00	31.26 2.17 -0.23	32.71 2.34 0.00	33.95 2.83 0.00	33.89 2.67 -0.92	35.65 2.75 -0.94	37.55 2.91 -2.61	35.34 2.63 -2.49	35.55 2.88 -2.65	36.83 2.70 -4.42	35.66 2.72 -3.65	37.83 3.09 -2.21	42.89 3.67 -1.80	45.65 3.77 -1.39	38.84 3.34 -0.31	34.85 2.73 0.00	30.46 2.01 -0.20	27.24 1.59 -0.82	24.96 1.39 -2.16
SHOREHAM_IC_2 23716	21.79 1.37 0.00	20.60 1.40 0.00	20.15 1.41 0.00	20.49 1.36 0.00	21.25 1.24 0.00	23.19 1.56 0.00	31.26 2.17 -0.23	32.71 2.34 0.00	33.95 2.83 0.00	33.89 2.67 -0.92	35.65 2.75 -0.94	37.55 2.91 -2.61	35.34 2.63 -2.49	35.55 2.88 -2.65	36.83 2.70 -4.42	35.66 2.72 -3.65	37.83 3.09 -2.21	42.89 3.67 -1.80	45.65 3.77 -1.39	38.84 3.34 -0.31	34.85 2.73 0.00	30.46 2.01 -0.20	27.24 1.59 -0.82	24.96 1.39 -2.16
SISSONVILLE___ 23735	20.00 -0.43 0.00	18.78 -0.42 0.00	18.37 -0.37 0.00	18.77 -0.36 0.00	19.63 -0.38 0.00	21.31 -0.32 0.00	28.78 -0.09 0.00	30.10 -0.27 0.00	30.84 -0.28 0.00	30.12 -0.18 0.00	31.83 -0.13 0.00	31.84 -0.19 0.00	30.07 -0.15 0.00	29.87 -0.15 0.00	29.55 -0.15 0.00	29.05 -0.23 0.00	31.94 -0.59 0.00	36.68 -0.75 0.00	39.68 -0.81 0.00	34.63 -0.56 0.00	31.96 -0.16 0.00	28.53 0.28 0.00	25.03 0.20 0.00	21.27 -0.13 0.00
SITHE_IND_GS1 24169	19.99 -0.43 0.00	18.80 -0.40 0.00	18.35 -0.39 0.00	18.73 -0.40 0.00	19.63 -0.38 0.00	21.18 -0.46 0.00	27.88 -0.98 0.00	29.34 -1.03 0.00	30.06 -1.06 0.00	29.24 -1.06 0.00	30.83 -1.12 0.00	30.84 -1.18 0.00	29.13 -1.09 0.00	28.88 -1.14 0.00	28.57 -1.13 0.00	28.17 -1.11 0.00	31.38 -1.14 0.00	36.11 -1.31 0.00	39.11 -1.38 0.00	33.99 -1.20 0.00	31.00 -1.13 0.00	27.20 -1.04 0.00	23.98 -0.84 0.00	20.95 -0.45 0.00
SITHE_IND_GS2 24170	19.99 -0.43 0.00	18.80 -0.40 0.00	18.35 -0.39 0.00	18.73 -0.40 0.00	19.63 -0.38 0.00	21.18 -0.46 0.00	27.88 -0.98 0.00	29.34 -1.03 0.00	30.06 -1.06 0.00	29.24 -1.06 0.00	30.83 -1.12 0.00	30.84 -1.18 0.00	29.13 -1.09 0.00	28.88 -1.14 0.00	28.57 -1.13 0.00	28.17 -1.11 0.00	31.38 -1.14 0.00	36.11 -1.31 0.00	39.11 -1.38 0.00	33.99 -1.20 0.00	31.00 -1.13 0.00	27.20 -1.04 0.00	23.98 -0.84 0.00	20.95 -0.45 0.00
SITHE_IND_GS3 24171	19.99 -0.43 0.00	18.80 -0.40 0.00	18.35 -0.39 0.00	18.73 -0.40 0.00	19.63 -0.38 0.00	21.18 -0.46 0.00	27.88 -0.98 0.00	29.34 -1.03 0.00	30.06 -1.06 0.00	29.24 -1.06 0.00	30.83 -1.12 0.00	30.84 -1.18 0.00	29.13 -1.09 0.00	28.88 -1.14 0.00	28.57 -1.13 0.00	28.17 -1.11 0.00	31.38 -1.14 0.00	36.11 -1.31 0.00	39.11 -1.38 0.00	33.99 -1.20 0.00	31.00 -1.13 0.00	27.20 -1.04 0.00	23.98 -0.84 0.00	20.95 -0.45 0.00
SITHE_IND_GS4 24172	19.99 -0.43 0.00	18.80 -0.40 0.00	18.35 -0.39 0.00	18.73 -0.40 0.00	19.63 -0.38 0.00	21.18 -0.46 0.00	27.88 -0.98 0.00	29.34 -1.03 0.00	30.06 -1.06 0.00	29.24 -1.06 0.00	30.83 -1.12 0.00	30.84 -1.18 0.00	29.13 -1.09 0.00	28.88 -1.14 0.00	28.57 -1.13 0.00	28.17 -1.11 0.00	31.38 -1.14 0.00	36.11 -1.31 0.00	39.11 -1.38 0.00	33.99 -1.20 0.00	31.00 -1.13 0.00	27.20 -1.04 0.00	23.98 -0.84 0.00	20.95 -0.45 0.00
SITHE___BATAVIA 24024	19.14 -1.29 0.00	17.99 -1.21 0.00	17.56 -1.18 0.00	17.91 -1.22 0.00	19.09 -0.92 0.00	20.68 -0.95 0.00	26.47 -2.40 0.00	27.82 -2.55 0.00	28.66 -2.46 0.00	27.67 -2.64 0.00	29.11 -2.84 0.00	29.02 -3.01 0.00	27.62 -2.60 0.00	27.08 -2.94 0.00	26.85 -2.85 0.00	26.47 -2.81 0.00	29.43 -3.09 0.00	33.87 -3.56 0.00	36.93 -3.56 0.00	32.16 -3.03 0.00	29.49 -2.63 0.00	25.79 -2.46 0.00	22.99 -1.84 0.00	20.63 -0.77 0.00
SITHE___INDEPEND 23800	20.00 -0.43 0.00	18.80 -0.40 0.00	18.35 -0.39 0.00	18.71 -0.42 0.00	19.63 -0.38 0.00	21.05 -0.58 0.00	27.82 -1.04 0.00	29.34 -1.03 0.00	30.06 -1.06 0.00	29.21 -1.09 0.00	30.84 -1.12 0.00	30.84 -1.19 0.00	29.13 -1.09 0.00	28.88 -1.14 0.00	28.57 -1.13 0.00	28.17 -1.11 0.00	31.38 -1.14 0.00	36.11 -1.31 0.00	39.11 -1.38 0.00	33.96 -1.23 0.00	31.00 -1.12 0.00	27.20 -1.05 0.00	23.98 -0.84 0.00	20.80 -0.60 0.00
SITHE___MASSENA 23902	20.14 -0.29 0.00	18.93 -0.27 0.00	18.50 -0.24 0.00	18.91 -0.23 0.00	19.75 -0.26 0.00	21.40 -0.24 0.00	28.86 0.00 0.00	30.13 -0.24 0.00	30.90 -0.22 0.00	30.18 -0.12 0.00	31.86 -0.10 0.00	31.93 -0.10 0.00	30.13 -0.09 0.00	29.96 -0.06 0.00	29.64 -0.06 0.00	29.20 -0.09 0.00	32.33 -0.19 0.00	37.12 -0.30 0.00	40.12 -0.37 0.00	34.91 -0.28 0.00	32.03 -0.10 0.00	28.53 0.28 0.00	25.03 0.20 0.00	21.32 -0.09 0.00

SITHE___OGDNSBRG 24021	20.22 -0.20 0.00	19.01 -0.19 0.00	18.57 -0.17 0.00	19.00 -0.13 0.00	19.85 -0.16 0.00	21.57 -0.06 0.00	29.18 0.32 0.00	30.49 0.12 0.00	31.18 0.06 0.00	30.45 0.15 0.00	32.18 0.22 0.00	32.19 0.16 0.00	30.37 0.15 0.00	30.17 0.15 0.00	29.85 0.15 0.00	29.37 0.09 0.00	32.42 -0.10 0.00	37.24 -0.19 0.00	40.33 -0.16 0.00	35.19 0.00 0.00	32.32 0.19 0.00	28.81 0.56 0.00	25.25 0.42 0.00	21.44 0.04 0.00
SITHE___STERLING 23777	20.95 0.53 0.00	19.68 0.48 0.00	19.21 0.47 0.00	19.59 0.46 0.00	20.57 0.56 0.00	22.28 0.65 0.00	29.58 0.72 0.00	31.32 0.94 0.00	32.09 0.97 0.00	31.18 0.88 0.00	32.91 0.96 0.00	32.86 0.83 0.00	31.00 0.78 0.00	30.74 0.72 0.00	30.41 0.71 0.00	30.02 0.73 0.00	33.46 0.94 0.00	38.62 1.20 0.00	41.87 1.38 0.00	36.39 1.20 0.00	33.18 1.06 0.00	28.98 0.73 0.00	25.47 0.64 0.00	22.04 0.64 0.00
SLEIGHT__34_KV_TB1 80719	19.67 -0.76 0.00	18.49 -0.71 0.00	18.01 -0.73 0.00	18.39 -0.75 0.00	19.41 -0.60 0.00	20.92 -0.71 0.00	27.48 -1.39 0.00	28.98 -1.40 0.00	29.75 -1.37 0.00	28.85 -1.45 0.00	30.52 -1.44 0.00	30.43 -1.60 0.00	28.80 -1.42 0.00	28.43 -1.59 0.00	28.13 -1.57 0.00	27.73 -1.55 0.00	30.93 -1.59 0.00	35.59 -1.83 0.00	38.63 -1.86 0.00	33.57 -1.62 0.00	30.61 -1.51 0.00	26.84 -1.41 0.00	23.74 -1.09 0.00	20.78 -0.62 0.00
SOUTH CAIRO___GT 23612	21.63 1.20 0.00	20.37 1.17 0.00	19.85 1.11 0.00	20.30 1.17 0.00	21.21 1.20 0.00	22.98 1.34 0.00	30.62 1.76 0.00	32.26 1.88 0.00	32.96 1.84 0.00	32.03 1.73 0.00	33.58 1.63 0.00	33.69 1.66 0.00	31.67 1.45 0.00	31.43 1.41 0.00	31.10 1.40 0.00	30.66 1.38 0.00	34.11 1.59 0.00	39.33 1.91 0.00	42.71 2.23 0.00	37.19 2.00 0.00	33.95 1.83 0.00	29.55 1.30 0.00	25.90 1.07 0.00	22.41 1.01 0.00
SOUTH HAMPTN___IC 23720	22.04 1.61 0.00	20.83 1.63 0.00	20.37 1.63 0.00	20.70 1.57 0.00	21.49 1.48 0.00	23.45 1.82 0.00	31.60 2.51 -0.23	33.14 2.76 0.00	34.36 3.24 0.00	34.31 3.09 -0.92	36.12 3.23 -0.94	38.03 3.39 -2.61	35.82 3.11 -2.49	35.94 3.27 -2.65	37.24 3.12 -4.42	36.04 3.10 -3.65	38.22 3.48 -2.21	43.30 4.08 -1.80	46.13 4.25 -1.39	39.22 3.73 -0.31	35.21 3.08 0.00	30.74 2.29 -0.20	27.51 1.86 -0.82	25.19 1.63 -2.16
SOUTHDOW__115KV_TB1 355954	19.20 -1.23 0.00	17.92 -1.29 0.00	17.47 -1.27 0.00	17.97 -1.17 0.00	19.19 -0.82 0.00	20.73 -0.91 0.00	26.81 -2.05 0.00	28.03 -2.34 0.00	28.82 -2.30 0.00	27.94 -2.36 0.00	29.56 -2.40 0.00	29.53 -2.50 0.00	28.25 -1.96 0.00	27.83 -2.19 0.00	27.59 -2.11 0.00	27.21 -2.08 0.00	30.37 -2.15 0.00	34.95 -2.47 0.00	38.02 -2.47 0.00	32.80 -2.39 0.00	29.94 -2.18 0.00	26.33 -1.92 0.00	23.64 -1.19 0.00	21.32 -0.09 0.00
SOUTHOLD_69_KV_BK 2 55809	22.36 1.94 0.00	21.14 1.94 0.00	20.67 1.93 0.00	21.03 1.89 0.00	21.97 1.96 0.00	23.93 2.29 0.00	32.18 3.09 -0.23	33.68 3.31 0.00	34.95 3.83 0.00	34.89 3.67 -0.92	36.86 3.96 -0.94	38.77 4.13 -2.61	36.58 3.87 -2.49	36.57 3.90 -2.65	37.89 3.77 -4.42	36.69 3.75 -3.65	38.73 4.00 -2.21	43.97 4.75 -1.80	46.90 5.02 -1.39	39.82 4.33 -0.31	35.72 3.60 0.00	31.17 2.71 -0.20	27.96 2.31 -0.82	25.68 2.12 -2.16
SOUTHOLD___IC 23719	22.37 1.94 0.00	21.14 1.94 0.00	20.67 1.93 0.00	21.01 1.88 0.00	21.83 1.82 0.00	23.84 2.21 0.00	32.12 3.03 -0.23	33.71 3.34 0.00	34.92 3.80 0.00	34.89 3.67 -0.92	36.76 3.86 -0.94	38.68 4.04 -2.61	36.43 3.72 -2.49	36.51 3.84 -2.65	37.81 3.68 -4.42	36.57 3.63 -3.65	38.73 4.00 -2.21	43.94 4.72 -1.80	46.82 4.94 -1.39	39.82 4.33 -0.31	35.72 3.60 0.00	31.17 2.71 -0.20	27.89 2.24 -0.82	25.53 1.97 -2.16
SOUTH_FORK_WT_PWR 323839	22.43 2.00 0.00	21.18 1.98 0.00	20.71 1.97 0.00	21.07 1.93 0.00	21.89 1.88 0.00	23.89 2.25 0.00	32.18 3.09 -0.23	33.77 3.40 0.00	34.98 3.86 0.00	34.95 3.73 -0.92	36.83 3.93 -0.94	38.74 4.10 -2.61	36.49 3.78 -2.49	36.54 3.87 -2.65	37.84 3.71 -4.42	36.60 3.66 -3.65	38.77 4.03 -2.21	43.97 4.75 -1.80	46.86 4.98 -1.39	39.86 4.36 -0.31	35.75 3.63 0.00	31.19 2.74 -0.20	27.93 2.28 -0.82	25.58 2.01 -2.16
SPIERFLS_115KV_TB 1 80737	21.14 0.71 0.00	19.87 0.67 0.00	19.40 0.66 0.00	19.80 0.67 0.00	20.71 0.70 0.00	22.54 0.91 0.00	29.99 1.13 0.00	31.74 1.37 0.00	32.55 1.43 0.00	31.70 1.39 0.00	33.39 1.44 0.00	33.53 1.51 0.00	31.55 1.33 0.00	31.31 1.29 0.00	30.92 1.22 0.00	30.46 1.17 0.00	33.82 1.30 0.00	38.92 1.50 0.00	42.23 1.74 0.00	36.70 1.51 0.00	33.41 1.28 0.00	29.15 0.90 0.00	25.57 0.74 0.00	22.15 0.75 0.00
ST LAWRENCE____ 23600	19.96 -0.47 0.00	18.76 -0.44 0.00	18.33 -0.41 0.00	18.73 -0.40 0.00	19.57 -0.44 0.00	21.18 -0.46 0.00	28.60 -0.26 0.00	29.83 -0.55 0.00	30.59 -0.53 0.00	29.85 -0.45 0.00	31.51 -0.45 0.00	31.58 -0.45 0.00	29.79 -0.42 0.00	29.63 -0.39 0.00	29.31 -0.39 0.00	28.87 -0.41 0.00	32.03 -0.49 0.00	36.79 -0.64 0.00	39.76 -0.73 0.00	34.56 -0.63 0.00	31.67 -0.45 0.00	28.19 -0.06 0.00	24.75 -0.07 0.00	21.08 -0.32 0.00
STATE_CA_115KV_115_LB 55624	21.32 0.90 0.00	20.07 0.86 0.00	19.58 0.84 0.00	19.99 0.86 0.00	20.85 0.84 0.00	22.67 1.04 0.00	30.07 1.21 0.00	31.86 1.49 0.00	32.68 1.56 0.00	31.85 1.55 0.00	33.49 1.53 0.00	33.66 1.63 0.00	31.67 1.45 0.00	31.49 1.47 0.00	31.16 1.46 0.00	30.72 1.43 0.00	34.02 1.50 0.00	39.15 1.72 0.00	42.35 1.86 0.00	36.77 1.58 0.00	33.57 1.45 0.00	29.24 0.99 0.00	25.67 0.84 0.00	22.30 0.90 0.00
STATE_ST_34_KV_LOAD 55959	20.44 0.02 0.00	19.22 0.02 0.00	18.74 0.00 0.00	19.10 -0.04 0.00	20.09 0.08 0.00	21.66 0.02 0.00	28.66 -0.20 0.00	30.31 -0.06 0.00	31.00 -0.12 0.00	30.12 -0.18 0.00	31.86 -0.10 0.00	31.77 -0.26 0.00	30.04 -0.18 0.00	29.75 -0.27 0.00	29.43 -0.27 0.00	29.02 -0.26 0.00	32.36 -0.16 0.00	37.31 -0.11 0.00	40.41 -0.08 0.00	35.08 -0.11 0.00	32.00 -0.13 0.00	28.02 -0.23 0.00	24.66 -0.17 0.00	21.42 0.02 0.00
STATION 5_MISC_HYD 23604	19.46 -0.96 0.00	18.30 -0.90 0.00	17.86 -0.88 0.00	18.22 -0.92 0.00	19.27 -0.74 0.00	20.86 -0.78 0.00	27.01 -1.85 0.00	28.43 -1.94 0.00	29.25 -1.87 0.00	28.33 -1.97 0.00	29.88 -2.08 0.00	29.82 -2.21 0.00	28.31 -1.90 0.00	27.86 -2.16 0.00	27.59 -2.11 0.00	27.21 -2.08 0.00	30.31 -2.21 0.00	34.88 -2.55 0.00	37.90 -2.59 0.00	32.97 -2.22 0.00	30.16 -1.96 0.00	26.41 -1.84 0.00	23.41 -1.41 0.00	20.76 -0.64 0.00
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	19.87 -0.55 0.00	18.68 -0.52 0.00	18.20 -0.54 0.00	18.58 -0.55 0.00	19.63 -0.38 0.00	21.18 -0.45 0.00	27.77 -1.10 0.00	29.31 -1.06 0.00	30.09 -1.03 0.00	29.12 -1.18 0.00	30.80 -1.15 0.00	30.75 -1.28 0.00	29.10 -1.12 0.00	28.73 -1.29 0.00	28.42 -1.28 0.00	28.05 -1.23 0.00	31.25 -1.27 0.00	36.00 -1.42 0.00	39.11 -1.38 0.00	33.96 -1.23 0.00	31.00 -1.12 0.00	27.15 -1.10 0.00	24.03 -0.79 0.00	21.04 -0.36 0.00

STA_56___34_KV_BUS2_REV_LBMP_B 345033	19.42 -1.00 0.00	18.24 -0.96 0.00	17.78 -0.96 0.00	18.14 -0.99 0.00	19.21 -0.80 0.00	20.68 -0.95 0.00	26.96 -1.90 0.00	28.40 -1.97 0.00	29.22 -1.90 0.00	28.27 -2.03 0.00	29.88 -2.08 0.00	29.85 -2.18 0.00	28.31 -1.90 0.00	27.89 -2.13 0.00	27.62 -2.08 0.00	27.23 -2.05 0.00	30.34 -2.18 0.00	34.88 -2.54 0.00	37.86 -2.63 0.00	32.94 -2.25 0.00	30.10 -2.02 0.00	26.38 -1.86 0.00	23.44 -1.39 0.00	20.63 -0.77 0.00
STA_56___34_KV_BUS2 355983	19.42 -1.00 0.00	18.24 -0.96 0.00	17.78 -0.96 0.00	18.14 -0.99 0.00	19.21 -0.80 0.00	20.68 -0.95 0.00	26.96 -1.90 0.00	28.40 -1.97 0.00	29.22 -1.90 0.00	28.27 -2.03 0.00	29.88 -2.08 0.00	29.85 -2.18 0.00	28.31 -1.90 0.00	27.89 -2.13 0.00	27.62 -2.08 0.00	27.23 -2.05 0.00	30.34 -2.18 0.00	34.88 -2.54 0.00	37.86 -2.63 0.00	32.94 -2.25 0.00	30.10 -2.02 0.00	26.38 -1.86 0.00	23.44 -1.39 0.00	20.63 -0.77 0.00
STA_67___115KV_BK2 355882	19.42 -1.00 0.00	18.24 -0.96 0.00	17.78 -0.96 0.00	18.16 -0.98 0.00	19.23 -0.78 0.00	20.71 -0.93 0.00	26.93 -1.93 0.00	28.34 -2.04 0.00	29.16 -1.96 0.00	28.21 -2.09 0.00	29.78 -2.17 0.00	29.75 -2.27 0.00	28.25 -1.96 0.00	27.80 -2.22 0.00	27.53 -2.17 0.00	27.15 -2.14 0.00	30.24 -2.28 0.00	34.77 -2.66 0.00	37.74 -2.75 0.00	32.83 -2.36 0.00	30.04 -2.09 0.00	26.36 -1.89 0.00	23.44 -1.39 0.00	20.67 -0.73 0.00
STA_7___115KV_9TRANS 80674	19.55 -0.88 0.00	18.36 -0.84 0.00	17.88 -0.86 0.00	18.25 -0.88 0.00	19.33 -0.68 0.00	20.83 -0.80 0.00	27.07 -1.79 0.00	28.52 -1.85 0.00	29.38 -1.74 0.00	28.39 -1.91 0.00	30.00 -1.95 0.00	29.98 -2.05 0.00	28.46 -1.75 0.00	28.01 -2.01 0.00	27.74 -1.96 0.00	27.35 -1.93 0.00	30.47 -2.05 0.00	35.07 -2.36 0.00	38.06 -2.43 0.00	33.11 -2.08 0.00	30.26 -1.86 0.00	26.55 -1.69 0.00	23.61 -1.22 0.00	20.80 -0.60 0.00
STA_82___115KV_TB1 80780	19.44 -0.98 0.00	18.26 -0.94 0.00	17.78 -0.96 0.00	18.16 -0.98 0.00	19.25 -0.76 0.00	20.73 -0.91 0.00	26.93 -1.93 0.00	28.37 -2.00 0.00	29.19 -1.93 0.00	28.24 -2.06 0.00	29.81 -2.14 0.00	29.79 -2.24 0.00	28.25 -1.96 0.00	27.80 -2.22 0.00	27.56 -2.14 0.00	27.15 -2.14 0.00	30.24 -2.28 0.00	34.77 -2.66 0.00	37.74 -2.75 0.00	32.87 -2.32 0.00	30.04 -2.09 0.00	26.36 -1.89 0.00	23.46 -1.37 0.00	20.67 -0.73 0.00
STEEL___WIND 323596	18.89 -1.53 0.00	17.76 -1.44 0.00	17.33 -1.41 0.00	17.68 -1.45 0.00	18.89 -1.12 0.00	20.42 -1.21 0.00	26.06 -2.80 0.00	27.27 -3.10 0.00	28.07 -3.05 0.00	27.24 -3.06 0.00	28.60 -3.35 0.00	28.47 -3.56 0.00	27.26 -2.96 0.00	26.69 -3.33 0.00	26.46 -3.24 0.00	26.06 -3.22 0.00	29.11 -3.41 0.00	33.35 -4.08 0.00	36.32 -4.17 0.00	31.60 -3.59 0.00	28.98 -3.15 0.00	25.40 -2.85 0.00	22.74 -2.09 0.00	20.54 -0.86 0.00
STEPHTWN_115KV_BK_2 55603	21.36 0.94 0.00	20.10 0.90 0.00	19.62 0.88 0.00	20.05 0.92 0.00	20.89 0.88 0.00	22.74 1.10 0.00	30.16 1.30 0.00	31.92 1.55 0.00	32.77 1.65 0.00	31.94 1.64 0.00	33.58 1.63 0.00	33.69 1.67 0.00	31.73 1.51 0.00	31.55 1.53 0.00	31.22 1.51 0.00	30.78 1.49 0.00	34.15 1.63 0.00	39.30 1.87 0.00	42.51 2.02 0.00	36.91 1.72 0.00	33.70 1.57 0.00	29.35 1.10 0.00	25.75 0.92 0.00	22.36 0.96 0.00
STEUBEN_REC_LFGE 323667	20.44 0.02 0.00	19.24 0.04 0.00	18.76 0.02 0.00	19.19 0.06 0.00	20.35 0.34 0.00	22.07 0.43 0.00	29.06 0.20 0.00	30.74 0.36 0.00	31.43 0.31 0.00	30.52 0.21 0.00	32.40 0.45 0.00	32.22 0.19 0.00	30.49 0.27 0.00	30.14 0.12 0.00	29.82 0.12 0.00	29.43 0.15 0.00	32.91 0.39 0.00	37.99 0.56 0.00	41.26 0.77 0.00	35.72 0.53 0.00	32.57 0.45 0.00	28.42 0.17 0.00	25.08 0.25 0.00	21.98 0.58 0.00
STILLWATER___SOLAR 323814	21.24 0.82 0.00	19.99 0.79 0.00	19.49 0.75 0.00	19.92 0.78 0.00	20.79 0.78 0.00	22.54 0.91 0.00	30.10 1.24 0.00	31.89 1.52 0.00	32.68 1.56 0.00	31.82 1.51 0.00	33.52 1.57 0.00	33.66 1.63 0.00	31.67 1.45 0.00	31.46 1.44 0.00	31.07 1.37 0.00	30.63 1.35 0.00	33.99 1.46 0.00	39.03 1.61 0.00	42.27 1.78 0.00	36.73 1.55 0.00	33.47 1.35 0.00	29.21 0.96 0.00	25.65 0.82 0.00	22.13 0.73 0.00
STONY___BROOK 24151	21.87 1.45 0.00	20.60 1.40 0.00	20.15 1.41 0.00	20.47 1.34 0.00	21.29 1.28 0.00	23.19 1.56 0.00	31.20 2.11 -0.23	32.89 2.52 0.00	33.95 2.83 0.00	33.95 2.73 -0.92	35.80 2.91 -0.94	37.68 3.04 -2.61	35.55 2.84 -2.49	35.64 2.97 -2.65	37.00 2.88 -4.42	35.81 2.87 -3.65	37.89 3.15 -2.22	43.01 3.78 -1.80	45.90 4.01 -1.40	38.95 3.45 -0.31	35.05 2.92 0.00	30.51 2.06 -0.20	27.36 1.71 -0.82	25.04 1.48 -2.16
STURGEON_POOL_HYD 23609	21.28 0.86 0.00	20.01 0.81 0.00	19.51 0.77 0.00	19.90 0.77 0.00	20.71 0.70 0.00	22.48 0.84 0.00	29.93 1.07 0.00	31.89 1.52 0.00	32.65 1.52 0.00	31.82 1.52 0.00	33.55 1.60 0.00	33.69 1.67 0.00	31.79 1.57 0.00	31.67 1.65 0.00	31.33 1.63 0.00	30.90 1.61 0.00	34.21 1.69 0.00	39.45 2.02 0.00	42.72 2.23 0.00	37.02 1.83 0.00	33.79 1.67 0.00	29.18 0.93 0.00	25.55 0.72 0.00	22.17 0.77 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	21.34 0.92 0.00	20.05 0.84 0.00	19.55 0.81 0.00	19.94 0.80 0.00	20.79 0.78 0.00	22.59 0.95 0.00	30.07 1.21 0.00	32.04 1.67 0.00	32.80 1.68 0.00	31.94 1.64 0.00	33.68 1.73 0.00	33.85 1.83 0.00	31.91 1.69 0.00	31.79 1.77 0.00	31.42 1.72 0.00	30.98 1.70 0.00	34.34 1.82 0.00	39.63 2.21 0.00	42.92 2.43 0.00	37.19 2.01 0.00	33.96 1.83 0.00	29.32 1.07 0.00	25.70 0.87 0.00	22.28 0.88 0.00
SWANROAD_115KV_TB1 355699	18.28 -2.14 0.00	17.17 -2.04 0.00	16.72 -2.02 0.00	17.12 -2.01 0.00	18.33 -1.68 0.00	19.65 -1.99 0.00	25.05 -3.81 0.00	26.24 -4.13 0.00	27.01 -4.11 0.00	26.09 -4.21 0.00	27.48 -4.47 0.00	27.38 -4.64 0.00	26.20 -4.02 0.00	25.61 -4.41 0.00	25.42 -4.28 0.00	25.04 -4.25 0.00	27.90 -4.62 0.00	31.92 -5.50 0.00	34.66 -5.83 0.00	30.19 -5.00 0.00	27.72 -4.40 0.00	24.41 -3.84 0.00	22.02 -2.81 0.00	19.80 -1.61 0.00
SYNERGY___BIOGAS 323694	19.14 -1.29 0.00	17.99 -1.21 0.00	17.56 -1.18 0.00	17.91 -1.22 0.00	19.09 -0.92 0.00	20.68 -0.95 0.00	26.47 -2.40 0.00	27.82 -2.55 0.00	28.66 -2.46 0.00	27.67 -2.64 0.00	29.11 -2.84 0.00	29.02 -3.01 0.00	27.62 -2.60 0.00	27.08 -2.94 0.00	26.85 -2.85 0.00	26.47 -2.81 0.00	29.43 -3.09 0.00	33.87 -3.56 0.00	36.93 -3.56 0.00	32.16 -3.03 0.00	29.49 -2.63 0.00	25.79 -2.46 0.00	22.99 -1.84 0.00	20.63 -0.77 0.00
SYRACUSE___ENERGY_ST1 323597	20.42 0.00 0.00	19.20 0.00 0.00	18.72 -0.02 0.00	19.11 -0.02 0.00	20.07 0.06 0.00	21.59 -0.04 0.00	28.52 -0.35 0.00	30.10 -0.27 0.00	30.87 -0.25 0.00	30.00 -0.30 0.00	31.70 -0.26 0.00	31.68 -0.35 0.00	29.88 -0.33 0.00	29.63 -0.39 0.00	29.31 -0.39 0.00	28.87 -0.41 0.00	32.16 -0.36 0.00	37.09 -0.34 0.00	40.12 -0.36 0.00	34.87 -0.32 0.00	31.77 -0.35 0.00	27.88 -0.37 0.00	24.56 -0.27 0.00	21.32 -0.09 0.00

SYRACUSE___ENERGY_ST2 323598	20.42 0.00 0.00	19.20 0.00 0.00	18.72 -0.02 0.00	19.11 -0.02 0.00	20.07 0.06 0.00	21.59 -0.04 0.00	28.52 -0.35 0.00	30.10 -0.27 0.00	30.87 -0.25 0.00	30.00 -0.30 0.00	31.70 -0.26 0.00	31.68 -0.35 0.00	29.88 -0.33 0.00	29.63 -0.39 0.00	29.31 -0.39 0.00	28.87 -0.41 0.00	32.16 -0.36 0.00	37.09 -0.34 0.00	40.12 -0.36 0.00	34.87 -0.32 0.00	31.77 -0.35 0.00	27.88 -0.37 0.00	24.56 -0.27 0.00	21.32 -0.09 0.00
SYRACUSE___POWER 24017	20.40 -0.02 0.00	19.16 -0.04 0.00	18.70 -0.04 0.00	19.08 -0.06 0.00	20.03 0.02 0.00	21.57 -0.06 0.00	28.49 -0.38 0.00	30.04 -0.33 0.00	30.75 -0.37 0.00	29.88 -0.42 0.00	31.57 -0.38 0.00	31.55 -0.48 0.00	29.79 -0.42 0.00	29.51 -0.51 0.00	29.23 -0.48 0.00	28.79 -0.50 0.00	32.10 -0.42 0.00	36.98 -0.45 0.00	40.04 -0.45 0.00	34.80 -0.39 0.00	31.71 -0.42 0.00	27.83 -0.42 0.00	24.51 -0.32 0.00	21.29 -0.11 0.00
TALLMAN__138KV_BK151 55660	21.34 0.92 0.00	20.05 0.84 0.00	19.56 0.82 0.00	19.94 0.80 0.00	20.79 0.78 0.00	22.59 0.95 0.00	30.07 1.21 0.00	32.14 1.76 0.00	32.90 1.77 0.00	32.03 1.73 0.00	33.81 1.85 0.00	33.95 1.92 0.00	32.06 1.84 0.00	31.91 1.89 0.00	31.54 1.84 0.00	31.10 1.82 0.00	34.44 1.92 0.00	39.71 2.28 0.00	43.00 2.51 0.00	37.26 2.08 0.00	33.99 1.86 0.00	29.35 1.10 0.00	25.75 0.92 0.00	22.32 0.92 0.00
TEALLAVE_115KV_TB7 355573	20.32 -0.10 0.00	19.09 -0.12 0.00	18.63 -0.11 0.00	19.00 -0.13 0.00	19.95 -0.06 0.00	21.46 -0.17 0.00	28.34 -0.52 0.00	29.89 -0.49 0.00	30.59 -0.53 0.00	29.76 -0.55 0.00	31.44 -0.51 0.00	31.39 -0.64 0.00	29.64 -0.57 0.00	29.36 -0.66 0.00	29.08 -0.62 0.00	28.64 -0.64 0.00	31.94 -0.59 0.00	36.79 -0.64 0.00	39.84 -0.65 0.00	34.59 -0.60 0.00	31.55 -0.58 0.00	27.68 -0.56 0.00	24.41 -0.42 0.00	21.21 -0.19 0.00
TELGRAPH_34_KV_EAST 80808	18.79 -1.63 0.00	17.65 -1.56 0.00	17.20 -1.54 0.00	17.58 -1.55 0.00	18.79 -1.22 0.00	20.19 -1.45 0.00	25.89 -2.97 0.00	27.21 -3.16 0.00	28.04 -3.08 0.00	27.03 -3.27 0.00	28.50 -3.45 0.00	28.41 -3.62 0.00	27.10 -3.11 0.00	26.57 -3.45 0.00	26.34 -3.36 0.00	25.98 -3.31 0.00	28.85 -3.67 0.00	33.12 -4.30 0.00	35.99 -4.49 0.00	31.35 -3.84 0.00	28.72 -3.41 0.00	25.25 -2.99 0.00	22.69 -2.14 0.00	20.33 -1.07 0.00
TEMPLE___115KV_TB 2 55572	20.32 -0.10 0.00	19.11 -0.10 0.00	18.63 -0.11 0.00	19.02 -0.11 0.00	19.97 -0.04 0.00	21.48 -0.15 0.00	28.34 -0.52 0.00	29.89 -0.49 0.00	30.62 -0.50 0.00	29.76 -0.55 0.00	31.44 -0.51 0.00	31.42 -0.61 0.00	29.67 -0.54 0.00	29.39 -0.63 0.00	29.08 -0.62 0.00	28.67 -0.61 0.00	31.94 -0.59 0.00	36.83 -0.60 0.00	39.84 -0.65 0.00	34.63 -0.56 0.00	31.55 -0.58 0.00	27.68 -0.56 0.00	24.43 -0.40 0.00	21.23 -0.17 0.00
TIANA____69_KV_BK 1 55817	21.98 1.55 0.00	20.76 1.56 0.00	20.30 1.56 0.00	20.65 1.51 0.00	21.57 1.56 0.00	23.47 1.84 0.00	31.54 2.45 -0.23	32.99 2.61 0.00	34.23 3.11 0.00	34.19 2.97 -0.92	36.09 3.20 -0.94	38.00 3.36 -2.61	35.85 3.14 -2.49	35.88 3.21 -2.65	37.21 3.09 -4.42	36.04 3.10 -3.65	38.12 3.38 -2.21	43.23 4.00 -1.80	46.09 4.21 -1.39	39.12 3.62 -0.31	35.11 2.99 0.00	30.66 2.20 -0.20	27.51 1.86 -0.82	25.28 1.71 -2.16
TILDEN___115KV_TB1 80814	20.40 -0.02 0.00	19.16 -0.04 0.00	18.70 -0.04 0.00	19.08 -0.06 0.00	20.03 0.02 0.00	21.57 -0.06 0.00	28.49 -0.38 0.00	30.04 -0.33 0.00	30.75 -0.37 0.00	29.88 -0.42 0.00	31.57 -0.38 0.00	31.55 -0.48 0.00	29.79 -0.42 0.00	29.51 -0.51 0.00	29.23 -0.48 0.00	28.79 -0.50 0.00	32.10 -0.42 0.00	36.98 -0.45 0.00	40.04 -0.45 0.00	34.80 -0.39 0.00	31.71 -0.42 0.00	27.83 -0.42 0.00	24.51 -0.32 0.00	21.29 -0.11 0.00
TRIGEN___CC 323695	21.67 1.25 0.00	20.37 1.17 0.00	19.90 1.16 0.00	20.26 1.13 0.00	21.13 1.12 0.00	23.00 1.36 0.00	30.88 1.79 -0.23	32.62 2.25 0.00	33.52 2.40 0.00	33.55 2.33 -0.92	35.36 2.46 -0.94	37.20 2.56 -2.61	35.16 2.45 -2.49	35.19 2.52 -2.65	36.59 2.47 -4.42	35.37 2.43 -3.65	37.23 2.54 -2.17	42.20 3.03 -1.75	45.12 3.28 -1.35	38.20 2.74 -0.26	34.60 2.47 0.00	30.12 1.67 -0.20	27.06 1.42 -0.82	24.91 1.35 -2.16
TRINITY__115KV__ 4 BK 55933	21.22 0.80 0.00	19.97 0.77 0.00	19.49 0.75 0.00	19.90 0.77 0.00	20.75 0.74 0.00	22.57 0.93 0.00	29.90 1.04 0.00	31.68 1.31 0.00	32.49 1.37 0.00	31.67 1.36 0.00	33.30 1.34 0.00	33.44 1.41 0.00	31.49 1.27 0.00	31.31 1.29 0.00	30.98 1.28 0.00	30.54 1.26 0.00	33.85 1.33 0.00	38.92 1.50 0.00	42.11 1.62 0.00	36.56 1.37 0.00	33.38 1.25 0.00	29.10 0.85 0.00	25.52 0.70 0.00	22.19 0.79 0.00
UNION___PROCESSING_DRP 323587	19.44 -0.98 0.00	18.26 -0.94 0.00	17.80 -0.94 0.00	18.18 -0.96 0.00	19.25 -0.76 0.00	20.73 -0.91 0.00	26.96 -1.90 0.00	28.37 -2.00 0.00	29.19 -1.93 0.00	28.24 -2.06 0.00	29.81 -2.14 0.00	29.79 -2.24 0.00	28.28 -1.93 0.00	27.83 -2.19 0.00	27.56 -2.14 0.00	27.18 -2.11 0.00	30.28 -2.24 0.00	34.80 -2.62 0.00	37.78 -2.71 0.00	32.87 -2.32 0.00	30.04 -2.09 0.00	26.38 -1.86 0.00	23.46 -1.37 0.00	20.67 -0.73 0.00
UPPER HUDSON___HYD 24058	21.14 0.71 0.00	19.87 0.67 0.00	19.38 0.64 0.00	19.80 0.67 0.00	20.71 0.70 0.00	22.46 0.82 0.00	29.96 1.10 0.00	31.77 1.40 0.00	32.55 1.43 0.00	31.67 1.36 0.00	33.39 1.44 0.00	33.53 1.51 0.00	31.54 1.33 0.00	31.31 1.29 0.00	30.92 1.22 0.00	30.46 1.17 0.00	33.82 1.30 0.00	38.92 1.50 0.00	42.23 1.74 0.00	36.70 1.51 0.00	33.41 1.29 0.00	29.15 0.90 0.00	25.57 0.74 0.00	22.04 0.64 0.00
UPPER RAQUET___HYD 24056	19.99 -0.43 0.00	18.78 -0.42 0.00	18.37 -0.37 0.00	18.77 -0.36 0.00	19.63 -0.38 0.00	21.29 -0.35 0.00	28.78 -0.09 0.00	30.07 -0.30 0.00	30.84 -0.28 0.00	30.12 -0.18 0.00	31.83 -0.13 0.00	31.84 -0.19 0.00	30.07 -0.15 0.00	29.87 -0.15 0.00	29.58 -0.12 0.00	29.05 -0.24 0.00	31.94 -0.58 0.00	36.68 -0.75 0.00	39.68 -0.81 0.00	34.52 -0.67 0.00	31.96 -0.16 0.00	28.53 0.28 0.00	25.03 0.20 0.00	21.27 -0.13 0.00
VALLEY44_115KV_TB2 355964	19.32 -1.10 0.00	18.13 -1.08 0.00	17.65 -1.09 0.00	18.04 -1.09 0.00	19.35 -0.66 0.00	20.86 -0.78 0.00	26.84 -2.02 0.00	28.13 -2.25 0.00	28.72 -2.40 0.00	27.79 -2.52 0.00	29.33 -2.62 0.00	29.27 -2.75 0.00	27.98 -2.24 0.00	27.50 -2.52 0.00	27.21 -2.49 0.00	26.82 -2.46 0.00	29.98 -2.54 0.00	34.51 -2.92 0.00	37.61 -2.87 0.00	32.44 -2.74 0.00	29.65 -2.47 0.00	26.05 -2.20 0.00	23.39 -1.44 0.00	21.04 -0.36 0.00
VALLEY___115KV_TB 1-4 80826	20.44 0.02 0.00	19.20 0.00 0.00	18.74 0.00 0.00	19.15 0.02 0.00	20.03 0.02 0.00	21.70 0.06 0.00	28.89 0.03 0.00	30.43 0.06 0.00	31.25 0.12 0.00	30.45 0.15 0.00	32.11 0.16 0.00	32.16 0.13 0.00	30.31 0.09 0.00	30.11 0.09 0.00	29.79 0.09 0.00	29.43 0.15 0.00	32.72 0.20 0.00	37.69 0.26 0.00	40.85 0.36 0.00	35.54 0.35 0.00	32.48 0.35 0.00	28.50 0.25 0.00	25.10 0.27 0.00	21.70 0.30 0.00

VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	21.61 1.18 0.00	20.28 1.08 0.00	19.79 1.05 0.00	20.21 1.07 0.00	21.19 1.18 0.00	23.02 1.38 0.00	30.59 1.73 0.00	32.53 2.16 0.00	33.30 2.18 0.00	32.36 2.06 0.00	34.06 2.11 0.00	34.01 1.99 0.00	32.03 1.81 0.00	31.79 1.77 0.00	31.42 1.72 0.00	31.01 1.73 0.00	34.54 2.02 0.00	39.86 2.43 0.00	43.20 2.71 0.00	37.44 2.25 0.00	34.15 2.02 0.00	29.66 1.41 0.00	26.07 1.24 0.00	22.62 1.22 0.00
VISCHER___FERRY HYD 24020	21.12 0.69 0.00	19.89 0.69 0.00	19.40 0.66 0.00	19.82 0.69 0.00	20.65 0.64 0.00	22.37 0.74 0.00	29.81 0.95 0.00	31.59 1.22 0.00	32.37 1.25 0.00	31.55 1.24 0.00	33.14 1.18 0.00	33.34 1.31 0.00	31.36 1.15 0.00	31.22 1.20 0.00	30.86 1.16 0.00	30.43 1.14 0.00	33.72 1.20 0.00	38.81 1.39 0.00	41.91 1.42 0.00	36.49 1.30 0.00	33.28 1.15 0.00	29.01 0.76 0.00	25.45 0.62 0.00	21.98 0.58 0.00
V_A_10_SYNC_DSASP 323832	18.77 -1.65 0.00	17.67 -1.54 0.00	17.22 -1.52 0.00	17.57 -1.57 0.00	18.69 -1.32 0.00	20.21 -1.43 0.00	25.89 -2.97 0.00	27.15 -3.22 0.00	27.95 -3.17 0.00	27.09 -3.21 0.00	28.44 -3.52 0.00	28.35 -3.68 0.00	27.04 -3.17 0.00	26.51 -3.51 0.00	26.29 -3.41 0.00	25.89 -3.40 0.00	28.91 -3.61 0.00	33.12 -4.30 0.00	35.99 -4.50 0.00	31.35 -3.83 0.00	28.75 -3.37 0.00	25.23 -3.02 0.00	22.52 -2.31 0.00	20.18 -1.22 0.00
V_CMM_10_SYNC_DSASP 323787	20.04 -0.39 0.00	18.84 -0.37 0.00	18.40 -0.34 0.00	18.81 -0.33 0.00	19.65 -0.36 0.00	21.27 -0.37 0.00	28.69 -0.17 0.00	29.95 -0.43 0.00	30.72 -0.41 0.00	29.97 -0.33 0.00	31.63 -0.32 0.00	31.71 -0.32 0.00	29.94 -0.27 0.00	29.75 -0.27 0.00	29.43 -0.27 0.00	29.02 -0.26 0.00	32.16 -0.36 0.00	36.94 -0.49 0.00	39.92 -0.57 0.00	34.73 -0.46 0.00	31.80 -0.32 0.00	28.31 0.06 0.00	24.85 0.02 0.00	21.17 -0.23 0.00
V_CMP_10_SYNC_DSASP 323788	20.04 -0.39 0.00	18.80 -0.40 0.00	18.40 -0.34 0.00	18.87 -0.27 0.00	19.77 -0.24 0.00	21.46 -0.17 0.00	28.63 -0.23 0.00	29.98 -0.40 0.00	30.90 -0.22 0.00	30.30 0.00 0.00	32.08 0.13 0.00	32.16 0.13 0.00	30.34 0.12 0.00	30.08 0.06 0.00	29.82 0.12 0.00	29.37 0.09 0.00	32.65 0.13 0.00	36.94 -0.49 0.00	39.88 -0.61 0.00	34.70 -0.49 0.00	32.29 0.16 0.00	29.13 0.88 0.00	25.57 0.74 0.00	21.79 0.39 0.00
V_D_10_SYNC_DSASP 323841	20.14 -0.29 0.00	18.93 -0.27 0.00	18.50 -0.24 0.00	18.91 -0.23 0.00	19.75 -0.26 0.00	21.40 -0.24 0.00	28.86 0.00 0.00	30.13 -0.24 0.00	30.90 -0.22 0.00	30.18 -0.12 0.00	31.86 -0.10 0.00	31.93 -0.10 0.00	30.13 -0.09 0.00	29.96 -0.06 0.00	29.64 -0.06 0.00	29.20 -0.09 0.00	32.33 -0.19 0.00	37.12 -0.30 0.00	40.12 -0.37 0.00	34.91 -0.28 0.00	32.03 -0.10 0.00	28.53 0.28 0.00	25.03 0.20 0.00	21.32 -0.09 0.00
V_E_10_SYNC_DSASP 323830	21.69 1.27 0.00	20.32 1.11 0.00	19.83 1.09 0.00	20.26 1.13 0.00	21.39 1.38 0.00	23.28 1.64 0.00	30.85 1.99 0.00	32.65 2.28 0.00	33.21 2.09 0.00	32.09 1.79 0.00	33.81 1.85 0.00	33.63 1.60 0.00	31.73 1.51 0.00	31.40 1.38 0.00	31.10 1.40 0.00	30.84 1.55 0.00	34.60 2.08 0.00	40.19 2.77 0.00	43.77 3.28 0.00	38.00 2.82 0.00	34.63 2.51 0.00	29.94 1.69 0.00	26.32 1.49 0.00	22.96 1.56 0.00
V_F_30_NSYNC___DSASP 323816	21.26 0.84 0.00	20.01 0.81 0.00	19.51 0.77 0.00	19.94 0.80 0.00	20.83 0.82 0.00	22.57 0.93 0.00	30.10 1.24 0.00	31.89 1.52 0.00	32.68 1.56 0.00	31.82 1.51 0.00	33.52 1.57 0.00	33.66 1.63 0.00	31.67 1.45 0.00	31.46 1.44 0.00	31.07 1.37 0.00	30.63 1.35 0.00	33.99 1.46 0.00	39.07 1.64 0.00	42.31 1.82 0.00	36.81 1.62 0.00	33.50 1.38 0.00	29.24 0.99 0.00	25.67 0.84 0.00	22.15 0.75 0.00
V_F_30_SYNC_DSASP 323786	21.32 0.90 0.00	20.07 0.86 0.00	19.58 0.84 0.00	19.99 0.86 0.00	20.85 0.84 0.00	22.67 1.04 0.00	30.07 1.21 0.00	31.83 1.46 0.00	32.68 1.56 0.00	31.85 1.55 0.00	33.49 1.53 0.00	33.63 1.60 0.00	31.67 1.45 0.00	31.49 1.47 0.00	31.16 1.46 0.00	30.69 1.41 0.00	34.02 1.50 0.00	39.15 1.72 0.00	42.35 1.86 0.00	36.77 1.58 0.00	33.57 1.45 0.00	29.24 0.99 0.00	25.67 0.84 0.00	22.30 0.90 0.00
V_XM_10_SYNC_DSASP 323789	20.04 -0.39 0.00	18.80 -0.40 0.00	18.40 -0.34 0.00	18.87 -0.27 0.00	19.77 -0.24 0.00	21.46 -0.17 0.00	28.63 -0.23 0.00	29.98 -0.40 0.00	30.90 -0.22 0.00	30.30 0.00 0.00	32.08 0.13 0.00	32.16 0.13 0.00	30.34 0.12 0.00	30.08 0.06 0.00	29.82 0.12 0.00	29.37 0.09 0.00	32.65 0.13 0.00	36.94 -0.49 0.00	39.88 -0.61 0.00	34.70 -0.49 0.00	32.29 0.16 0.00	29.13 0.88 0.00	25.57 0.74 0.00	21.79 0.39 0.00
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	21.40 0.98 0.00	20.09 0.88 0.00	19.60 0.86 0.00	19.99 0.86 0.00	20.83 0.82 0.00	22.65 1.02 0.00	30.16 1.30 0.00	32.35 1.97 0.00	33.14 2.02 0.00	32.27 1.97 0.00	34.06 2.11 0.00	34.21 2.18 0.00	32.27 2.05 0.00	32.15 2.13 0.00	31.78 2.08 0.00	31.33 2.05 0.00	34.70 2.18 0.00	40.04 2.62 0.00	43.36 2.87 0.00	37.55 2.36 0.00	34.28 2.15 0.00	29.58 1.33 0.00	25.90 1.07 0.00	22.45 1.05 0.00
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	21.45 1.02 0.00	20.10 0.90 0.00	19.64 0.90 0.00	20.01 0.88 0.00	20.83 0.82 0.00	22.65 1.02 0.00	30.19 1.33 0.00	32.35 1.97 0.00	33.11 1.99 0.00	32.21 1.91 0.00	34.00 2.05 0.00	34.17 2.15 0.00	32.30 2.08 0.00	32.18 2.16 0.00	31.84 2.14 0.00	31.36 2.08 0.00	34.63 2.11 0.00	39.93 2.51 0.00	43.20 2.71 0.00	37.44 2.25 0.00	34.21 2.09 0.00	29.46 1.21 0.00	25.85 1.02 0.00	22.41 1.01 0.00
W50THST__13_KV_LOAD 356117	21.55 1.12 0.00	20.18 0.98 0.00	19.73 0.99 0.00	20.09 0.96 0.00	20.91 0.90 0.00	22.74 1.10 0.00	30.33 1.47 0.00	32.53 2.16 0.00	33.27 2.15 0.00	32.39 2.09 0.00	34.19 2.24 0.00	34.37 2.34 0.00	32.48 2.27 0.00	32.36 2.34 0.00	32.02 2.32 0.00	31.54 2.25 0.00	34.80 2.28 0.00	40.16 2.73 0.00	43.40 2.92 0.00	37.62 2.43 0.00	34.34 2.22 0.00	29.61 1.36 0.00	25.97 1.14 0.00	22.51 1.11 0.00
WADING RIVER_IC_1 23522	21.79 1.37 0.00	20.59 1.38 0.00	20.13 1.39 0.00	20.47 1.34 0.00	21.23 1.22 0.00	23.17 1.54 0.00	31.20 2.11 -0.23	32.68 2.31 0.00	33.89 2.77 0.00	33.86 2.64 -0.92	35.65 2.75 -0.94	37.52 2.88 -2.61	35.34 2.63 -2.49	35.52 2.85 -2.65	36.80 2.67 -4.42	35.63 2.69 -3.65	37.79 3.06 -2.21	42.81 3.59 -1.80	45.61 3.72 -1.39	38.80 3.31 -0.31	34.82 2.70 0.00	30.40 1.95 -0.20	27.24 1.59 -0.82	24.94 1.37 -2.16
WADING RIVER_IC_2 23547	21.79 1.37 0.00	20.59 1.38 0.00	20.13 1.39 0.00	20.47 1.34 0.00	21.23 1.22 0.00	23.17 1.54 0.00	31.20 2.11 -0.23	32.68 2.31 0.00	33.89 2.77 0.00	33.86 2.64 -0.92	35.65 2.75 -0.94	37.52 2.88 -2.61	35.34 2.63 -2.49	35.52 2.85 -2.65	36.80 2.67 -4.42	35.63 2.69 -3.65	37.79 3.06 -2.21	42.81 3.59 -1.80	45.61 3.72 -1.39	38.80 3.31 -0.31	34.82 2.70 0.00	30.40 1.95 -0.20	27.24 1.59 -0.82	24.94 1.37 -2.16

WADING RIVER_IC_3 23601	21.79 1.37 0.00	20.59 1.38 0.00	20.13 1.39 0.00	20.47 1.34 0.00	21.23 1.22 0.00	23.17 1.54 0.00	31.20 2.11 -0.23	32.68 2.31 0.00	33.89 2.77 0.00	33.86 2.64 -0.92	35.65 2.75 -0.94	37.52 2.88 -2.61	35.34 2.63 -2.49	35.52 2.85 -2.65	36.80 2.67 -4.42	35.63 2.69 -3.65	37.79 3.06 -2.21	42.81 3.59 -1.80	45.61 3.72 -1.39	38.80 3.31 -0.31	34.82 2.70 0.00	30.40 1.95 -0.20	27.24 1.59 -0.82	24.94 1.37 -2.16
WALDENNY_I2_KV_BK2 80841	18.85 -1.57 0.00	17.70 -1.50 0.00	17.26 -1.48 0.00	17.64 -1.49 0.00	18.87 -1.14 0.00	20.29 -1.34 0.00	25.98 -2.89 0.00	27.21 -3.16 0.00	28.01 -3.11 0.00	27.09 -3.21 0.00	28.57 -3.39 0.00	28.47 -3.56 0.00	27.23 -2.99 0.00	26.66 -3.36 0.00	26.46 -3.24 0.00	26.03 -3.25 0.00	29.04 -3.48 0.00	33.31 -4.12 0.00	36.16 -4.33 0.00	31.46 -3.73 0.00	28.82 -3.31 0.00	25.37 -2.88 0.00	22.84 -1.99 0.00	20.52 -0.88 0.00
WALDEN___HYDRO 24148	21.42 1.00 0.00	20.12 0.92 0.00	19.64 0.90 0.00	20.01 0.88 0.00	20.87 0.86 0.00	22.67 1.04 0.00	30.22 1.36 0.00	32.14 1.76 0.00	32.86 1.74 0.00	32.00 1.70 0.00	33.71 1.76 0.00	33.85 1.83 0.00	31.94 1.72 0.00	31.82 1.80 0.00	31.45 1.75 0.00	31.04 1.76 0.00	34.44 1.92 0.00	39.71 2.28 0.00	43.08 2.59 0.00	37.37 2.18 0.00	34.08 1.96 0.00	29.44 1.19 0.00	25.77 0.94 0.00	22.34 0.94 0.00
WARRENSBURG____ 23737	21.14 0.71 0.00	19.87 0.67 0.00	19.38 0.64 0.00	19.80 0.67 0.00	20.71 0.70 0.00	22.46 0.82 0.00	29.96 1.10 0.00	31.77 1.40 0.00	32.55 1.43 0.00	31.67 1.36 0.00	33.39 1.44 0.00	33.53 1.51 0.00	31.54 1.33 0.00	31.31 1.29 0.00	30.92 1.22 0.00	30.46 1.17 0.00	33.82 1.30 0.00	38.92 1.50 0.00	42.23 1.74 0.00	36.70 1.51 0.00	33.41 1.29 0.00	29.15 0.90 0.00	25.57 0.74 0.00	22.04 0.64 0.00
WATERSIDE___6 8 9 23538	21.53 1.10 0.00	20.16 0.96 0.00	19.70 0.96 0.00	20.05 0.92 0.00	20.85 0.84 0.00	22.61 0.97 0.00	30.10 1.24 0.00	32.29 1.91 0.00	33.08 1.96 0.00	32.21 1.91 0.00	34.03 2.08 0.00	34.17 2.15 0.01	32.30 2.08 0.00	32.18 2.16 0.00	31.84 2.14 0.00	31.36 2.08 0.00	34.63 2.11 0.01	39.92 2.51 0.01	43.10 2.67 0.06	37.38 2.25 0.06	34.18 2.06 0.00	29.43 1.19 0.00	25.85 1.02 0.00	22.45 1.05 0.00
WATKINRD_115KV_LN8_ILLION 55919	20.57 0.14 0.00	19.32 0.12 0.00	18.85 0.11 0.00	19.25 0.11 0.00	20.13 0.12 0.00	21.79 0.15 0.00	29.04 0.17 0.00	30.59 0.21 0.00	31.37 0.25 0.00	30.55 0.24 0.00	32.21 0.26 0.00	32.28 0.26 0.00	30.43 0.21 0.00	30.23 0.21 0.00	29.91 0.21 0.00	29.52 0.23 0.00	32.81 0.29 0.00	37.80 0.37 0.00	40.93 0.45 0.00	35.61 0.42 0.00	32.51 0.39 0.00	28.50 0.25 0.00	25.05 0.22 0.00	21.66 0.26 0.00
WATSON___69_KV_BK 1 55734	22.08 1.65 0.00	20.78 1.57 0.00	20.31 1.57 0.00	20.66 1.53 0.00	21.61 1.60 0.00	23.54 1.90 0.00	31.60 2.51 -0.23	33.26 2.89 0.00	34.26 3.14 0.00	34.25 3.03 -0.92	36.16 3.26 -0.94	38.07 3.43 -2.61	35.97 3.26 -2.49	35.94 3.27 -2.65	37.33 3.21 -4.42	36.10 3.16 -3.65	38.02 3.32 -2.19	42.86 3.67 -1.77	46.27 4.41 -1.37	38.98 3.52 -0.28	35.34 3.21 0.00	30.74 2.29 -0.20	27.61 1.96 -0.82	25.41 1.84 -2.16
WDELAWARE___HYD 323627	21.10 0.67 0.00	19.82 0.61 0.00	19.34 0.60 0.00	19.71 0.57 0.00	20.57 0.56 0.00	22.26 0.63 0.00	29.76 0.90 0.00	31.68 1.31 0.00	32.37 1.25 0.00	31.48 1.18 0.00	33.20 1.24 0.00	33.31 1.28 0.00	31.39 1.18 0.00	31.25 1.23 0.00	30.92 1.22 0.00	30.51 1.23 0.00	33.89 1.37 0.00	39.11 1.69 0.00	42.43 1.94 0.00	36.84 1.65 0.00	33.57 1.45 0.00	28.98 0.73 0.00	25.37 0.55 0.00	21.87 0.47 0.00
WEST BABYLON___IC 23714	22.00 1.57 0.00	20.68 1.48 0.00	20.22 1.48 0.00	20.57 1.44 0.00	21.49 1.48 0.00	23.41 1.77 0.00	31.43 2.34 -0.23	33.11 2.73 0.00	34.08 2.96 0.00	34.10 2.88 -0.92	36.00 3.10 -0.94	37.88 3.23 -2.61	35.79 3.08 -2.49	35.76 3.09 -2.65	37.18 3.06 -4.42	35.95 3.02 -3.65	37.88 3.19 -2.18	42.89 3.71 -1.76	46.05 4.21 -1.36	38.94 3.48 -0.27	35.21 3.08 0.00	30.63 2.18 -0.20	27.51 1.86 -0.82	25.32 1.75 -2.16
WEST CANADA___HYD 24049	20.57 0.14 0.00	19.34 0.14 0.00	18.87 0.13 0.00	19.27 0.13 0.00	20.13 0.12 0.00	21.77 0.13 0.00	29.01 0.15 0.00	30.62 0.24 0.00	31.37 0.25 0.00	30.54 0.24 0.00	32.21 0.25 0.00	32.28 0.26 0.00	30.46 0.24 0.00	30.26 0.24 0.00	29.94 0.24 0.00	29.55 0.26 0.00	32.81 0.29 0.00	37.76 0.34 0.00	40.85 0.36 0.00	35.50 0.32 0.00	32.38 0.26 0.00	28.36 0.11 0.00	24.93 0.10 0.00	21.53 0.13 0.00
WESTERN_NY_WIND 24143	19.10 -1.33 0.00	17.92 -1.29 0.00	17.47 -1.27 0.00	17.87 -1.26 0.00	19.05 -0.96 0.00	20.51 -1.13 0.00	26.35 -2.51 0.00	27.73 -2.64 0.00	28.54 -2.58 0.00	27.52 -2.79 0.00	29.01 -2.94 0.00	28.92 -3.11 0.00	27.56 -2.66 0.00	27.02 -3.00 0.00	26.79 -2.91 0.00	26.41 -2.87 0.00	29.37 -3.15 0.00	33.76 -3.67 0.00	36.72 -3.77 0.00	32.02 -3.17 0.00	29.33 -2.79 0.00	25.74 -2.51 0.00	23.07 -1.76 0.00	20.61 -0.79 0.00
WESTOVER___LESR 323668	20.63 0.20 0.00	19.39 0.19 0.00	18.91 0.17 0.00	19.31 0.17 0.00	20.31 0.30 0.00	21.94 0.30 0.00	28.98 0.12 0.00	30.62 0.24 0.00	31.40 0.28 0.00	30.48 0.18 0.00	32.21 0.26 0.00	32.16 0.13 0.00	30.40 0.18 0.00	30.11 0.09 0.00	29.79 0.09 0.00	29.37 0.09 0.00	32.75 0.23 0.00	37.80 0.37 0.00	40.97 0.49 0.00	35.54 0.35 0.00	32.41 0.29 0.00	28.36 0.11 0.00	25.00 0.17 0.00	21.81 0.41 0.00
WETHRSFD_WT_PWR 323626	18.40 -2.02 0.00	17.30 -1.90 0.00	16.90 -1.84 0.00	17.26 -1.87 0.00	18.45 -1.56 0.00	19.95 -1.69 0.00	25.46 -3.41 0.00	26.70 -3.68 0.00	27.51 -3.61 0.00	26.73 -3.58 0.00	28.18 -3.77 0.00	28.12 -3.91 0.00	26.95 -3.26 0.00	26.42 -3.60 0.00	26.20 -3.51 0.00	25.80 -3.49 0.00	28.81 -3.71 0.00	33.01 -4.42 0.00	35.91 -4.58 0.00	31.21 -3.98 0.00	28.62 -3.50 0.00	25.11 -3.14 0.00	22.49 -2.33 0.00	20.31 -1.09 0.00
WHAVSTOR_138KV_BK127 55557	21.34 0.92 0.00	20.03 0.83 0.00	19.55 0.81 0.00	19.94 0.80 0.00	20.77 0.76 0.00	22.59 0.95 0.00	30.07 1.21 0.00	32.10 1.73 0.00	32.86 1.74 0.00	32.00 1.70 0.00	33.78 1.82 0.00	33.92 1.89 0.00	32.03 1.81 0.00	31.88 1.86 0.00	31.51 1.81 0.00	31.07 1.79 0.00	34.41 1.89 0.00	39.67 2.25 0.00	42.96 2.47 0.00	37.23 2.04 0.00	33.96 1.83 0.00	29.35 1.10 0.00	25.72 0.89 0.00	22.30 0.90 0.00
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	21.34 0.92 0.00	20.03 0.83 0.00	19.55 0.81 0.00	19.94 0.80 0.00	20.77 0.76 0.00	22.59 0.95 0.00	30.07 1.21 0.00	32.10 1.73 0.00	32.86 1.74 0.00	32.00 1.70 0.00	33.78 1.82 0.00	33.92 1.89 0.00	32.03 1.81 0.00	31.88 1.86 0.00	31.51 1.81 0.00	31.07 1.79 0.00	34.41 1.89 0.00	39.67 2.25 0.00	42.96 2.47 0.00	37.23 2.04 0.00	33.96 1.83 0.00	29.35 1.10 0.00	25.72 0.89 0.00	22.30 0.90 0.00

WHITEHAL_115KV_TB1 80871	21.42 1.00 0.00	20.12 0.92 0.00	19.64 0.90 0.00	20.07 0.94 0.00	20.99 0.98 0.00	22.89 1.25 0.00	30.45 1.59 0.00	32.23 1.85 0.00	32.99 1.87 0.00	32.09 1.79 0.00	33.81 1.85 0.00	34.01 1.99 0.00	31.94 1.72 0.00	31.67 1.65 0.00	31.25 1.54 0.00	30.78 1.49 0.00	34.21 1.69 0.00	39.41 1.98 0.00	42.84 2.35 0.00	37.23 2.04 0.00	33.89 1.77 0.00	29.52 1.27 0.00	25.92 1.09 0.00	22.45 1.05 0.00
WHITEPLN_13_KV_LOAD 356215	21.57 1.14 0.00	20.24 1.04 0.00	19.75 1.01 0.00	20.13 0.99 0.00	20.97 0.96 0.00	22.78 1.15 0.00	30.39 1.53 0.00	32.47 2.10 0.00	33.33 2.21 0.00	32.42 2.12 0.00	34.29 2.33 0.00	34.46 2.43 0.00	32.48 2.27 0.00	32.36 2.34 0.00	31.99 2.29 0.00	31.54 2.25 0.00	34.93 2.41 0.00	40.27 2.84 0.00	43.61 3.12 0.00	37.83 2.64 0.00	34.47 2.35 0.00	29.72 1.47 0.00	26.05 1.22 0.00	22.56 1.16 0.00
WM_FLOYD_69_KV_BK2 356380	21.85 1.43 0.00	20.64 1.44 0.00	20.16 1.42 0.00	20.51 1.38 0.00	21.43 1.42 0.00	23.32 1.69 0.00	31.31 2.22 -0.23	32.77 2.40 0.00	33.98 2.86 0.00	33.95 2.73 -0.92	35.80 2.91 -0.94	37.72 3.07 -2.61	35.58 2.87 -2.49	35.61 2.94 -2.65	36.97 2.85 -4.42	35.81 2.87 -3.65	37.86 3.12 -2.21	42.96 3.74 -1.80	45.81 3.93 -1.39	38.87 3.38 -0.30	34.92 2.79 0.00	30.46 2.01 -0.20	27.36 1.71 -0.82	25.15 1.58 -2.16
WOODARD__115KV_TB2 355635	20.28 -0.14 0.00	19.07 -0.13 0.00	18.61 -0.13 0.00	18.98 -0.15 0.00	19.93 -0.08 0.00	21.44 -0.19 0.00	28.31 -0.55 0.00	29.86 -0.52 0.00	30.59 -0.53 0.00	29.73 -0.58 0.00	31.41 -0.54 0.00	31.39 -0.64 0.00	29.64 -0.57 0.00	29.36 -0.66 0.00	29.05 -0.65 0.00	28.64 -0.64 0.00	31.90 -0.62 0.00	36.75 -0.67 0.00	39.80 -0.69 0.00	34.55 -0.63 0.00	31.51 -0.61 0.00	27.66 -0.59 0.00	24.38 -0.45 0.00	21.17 -0.24 0.00
YORK__WARBASSE 23770	21.68 1.25 -0.01	20.28 1.08 0.00	19.83 1.09 0.00	20.17 1.03 0.00	20.95 0.94 0.00	22.70 1.06 0.00	30.22 1.36 0.00	32.47 2.10 0.00	33.34 2.21 -0.01	32.42 2.12 0.00	34.28 2.30 -0.03	34.44 2.37 -0.04	32.52 2.30 -0.01	32.43 2.40 -0.01	32.06 2.35 -0.01	31.61 2.31 -0.01	34.91 2.34 -0.04	40.29 2.81 -0.06	43.90 3.00 -0.41	38.14 2.53 -0.42	34.45 2.31 -0.01	29.67 1.41 -0.01	26.03 1.19 -0.01	22.60 1.20 0.00