

# Day Ahead Market Generator LBMP

		--- LBMP \$								--- Marginal Cost of Losses								--- Marginal Cost of Congestion										
Generator Data		05/29/2025																										
Name	PTID	00:00	01:00	02:00	03:00	04:00	05:00	06:00	07:00	08:00	09:00	10:00	11:00	12:00	13:00	14:00	15:00	16:00	17:00	18:00	19:00	20:00	21:00	22:00	23:00			
59TH STREET_GT_1 24138	EDT	25.78	21.88	19.34	18.63	17.89	25.60	32.15	36.70	39.97	38.90	39.05	38.98	37.72	36.98	35.88	34.90	37.57	41.29	42.51	45.15	47.90	41.89	35.45	31.76			
		1.84	1.58	1.40	1.32	1.28	1.76	1.82	2.40	2.79	3.01	2.96	3.02	2.95	2.93	2.84	2.79	3.04	3.34	3.22	3.31	3.51	2.96	2.38	2.19			
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00			
74TH STREET_GT_1 24260	EDT	25.78	21.90	19.34	18.63	17.91	25.60	32.15	36.70	39.93	38.86	39.01	38.94	37.68	36.91	35.82	34.86	37.54	41.25	42.47	45.15	47.90	41.89	35.45	31.76			
		1.84	1.60	1.40	1.32	1.30	1.76	1.82	2.40	2.75	2.98	2.92	2.98	2.92	2.86	2.78	2.76	3.00	3.30	3.18	3.31	3.51	2.96	2.38	2.19			
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00			
74TH STREET_GT_2 24261	EDT	25.78	21.90	19.34	18.63	17.91	25.60	32.15	36.70	39.93	38.86	39.01	38.94	37.68	36.91	35.82	34.86	37.54	41.25	42.47	45.15	47.90	41.89	35.45	31.76			
		1.84	1.60	1.40	1.32	1.30	1.76	1.82	2.40	2.75	2.98	2.92	2.98	2.92	2.86	2.78	2.76	3.00	3.30	3.18	3.31	3.51	2.96	2.38	2.19			
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00			
ADK HUDSON___FALLS 24011	EDT	25.30	21.39	18.91	18.23	17.51	25.10	31.70	35.92	39.08	37.61	37.89	37.79	36.36	35.69	34.56	33.64	36.12	39.77	41.21	44.10	46.75	41.11	34.88	31.29			
		1.36	1.10	0.97	0.92	0.90	1.26	1.36	1.61	1.90	1.72	1.80	1.83	1.60	1.63	1.52	1.54	1.59	1.82	1.93	2.26	2.35	2.18	1.82	1.72			
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00			
ADK RESOURCE___RCVRY 23798	EDT	25.37	21.46	18.95	18.27	17.56	25.17	31.82	36.05	39.22	37.71	38.03	37.93	36.47	35.79	34.66	33.77	36.23	39.92	41.41	44.35	47.02	41.31	35.05	31.41			
		1.44	1.16	1.00	0.95	0.95	1.33	1.49	1.75	2.04	1.83	1.95	1.98	1.70	1.74	1.62	1.67	1.69	1.97	2.12	2.51	2.62	2.38	1.98	1.83			
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00			
ADK S GLENS___FALLS 24028	EDT	25.30	21.39	18.91	18.23	17.51	25.10	31.70	35.92	39.08	37.61	37.89	37.79	36.36	35.69	34.56	33.64	36.12	39.77	41.21	44.10	46.75	41.11	34.88	31.29			
		1.36	1.10	0.97	0.92	0.90	1.26	1.36	1.61	1.90	1.72	1.80	1.83	1.60	1.63	1.52	1.54	1.59	1.82	1.93	2.26	2.35	2.18	1.82	1.72			
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00			
ADK_NYS___DAM 23527	EDT	25.33	21.48	18.98	18.32	17.58	25.17	31.70	35.78	38.86	37.50	37.71	37.57	36.29	35.55	34.49	33.58	36.02	39.70	40.98	43.73	46.40	40.72	34.92	31.41			
		1.39	1.18	1.04	1.00	0.96	1.33	1.37	1.47	1.67	1.62	1.63	1.62	1.53	1.50	1.45	1.48	1.48	1.75	1.69	1.89	2.00	1.79	1.85	1.83			
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00			
AIR_PRODUCTS___DRP 24190	EDT	24.68	20.97	18.55	17.89	17.15	24.50	30.64	34.61	37.59	36.31	36.48	36.35	35.15	34.46	33.44	32.55	34.95	38.45	39.64	42.14	44.71	39.36	33.56	30.22			
		0.74	0.67	0.61	0.57	0.53	0.67	0.30	0.31	0.41	0.43	0.40	0.40	0.38	0.41	0.40	0.45	0.41	0.49	0.35	0.29	0.31	0.43	0.50	0.65			
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00			
AKWESSNE_115KV_BK 355683	EDT	23.46	19.89	17.60	17.00	16.25	23.50	30.45	34.51	37.37	36.10	36.30	36.24	35.04	34.29	33.21	32.30	34.78	38.18	39.56	41.97	44.49	39.01	33.07	29.19			
		-0.48	-0.41	-0.34	-0.31	-0.37	-0.33	0.12	0.21	0.19	0.22	0.22	0.29	0.28	0.24	0.17	0.19	0.24	0.23	0.28	0.13	0.09	0.08	0.00	-0.38			
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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 323833	EDT	24.97	21.19	18.73	18.08	17.33	24.79	31.09	35.13	38.15	36.78	36.95	36.82	35.53	34.84	33.80	32.91	35.33	38.90	40.19	42.89	45.51	40.02	34.09	30.69			
		1.03	0.89	0.79	0.76	0.71	0.95	0.76	0.82	0.97	0.90	0.86	0.86	0.76	0.78	0.76	0.80	0.79	0.95	0.90	1.05	1.11	1.09	1.03	1.12			
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00			
ALBANY_2_SOLAR 323834	EDT	24.94	21.19	18.73	18.08	17.33	24.79	31.09	35.13	38.11	36.78	36.95	36.82	35.53	34.84	33.80	32.91	35.33	38.90	40.19	42.89	45.51	40.02	34.09	30.69			
		1.01	0.89	0.79	0.76	0.71	0.95	0.76	0.82	0.93	0.90	0.86	0.86	0.76	0.78	0.76	0.80	0.79	0.95	0.90	1.05	1.11	1.09	1.03	1.12			
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00			
ALBANY___1 23571	EDT	24.68	20.97	18.55	17.89	17.15	24.50	30.64	34.61	37.59	36.31	36.48	36.35	35.15	34.46	33.44	32.55	34.95	38.45	39.64	42.14	44.71	39.36	33.56	30.22			
		0.74	0.67	0.61	0.57	0.53	0.67	0.30	0.31	0.41	0.43	0.40	0.40	0.38	0.41	0.40	0.45	0.41	0.49	0.35	0.29	0.31	0.43	0.50	0.65			
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00			

ALBANY___2 23572	24.68 0.74 0.00	20.97 0.67 0.00	18.55 0.61 0.00	17.89 0.57 0.00	17.15 0.53 0.00	24.50 0.67 0.00	30.64 0.30 0.00	34.61 0.31 0.00	37.59 0.41 0.00	36.31 0.43 0.00	36.48 0.40 0.00	36.35 0.40 0.00	35.15 0.38 0.00	34.46 0.41 0.00	33.44 0.40 0.00	32.55 0.45 0.01	34.95 0.41 0.00	38.45 0.49 0.00	39.64 0.35 0.00	42.14 0.29 0.01	44.71 0.31 0.00	39.36 0.43 0.00	33.56 0.50 0.00	30.22 0.65 0.00
ALBANY___3 23573	24.68 0.74 0.00	20.97 0.67 0.00	18.55 0.61 0.00	17.89 0.57 0.00	17.15 0.53 0.00	24.50 0.67 0.00	30.64 0.30 0.00	34.61 0.31 0.00	37.59 0.41 0.00	36.31 0.43 0.00	36.48 0.40 0.00	36.35 0.40 0.00	35.15 0.38 0.00	34.46 0.41 0.00	33.44 0.40 0.00	32.55 0.45 0.01	34.95 0.41 0.00	38.45 0.49 0.00	39.64 0.35 0.00	42.14 0.29 0.01	44.71 0.31 0.00	39.36 0.43 0.00	33.56 0.50 0.00	30.22 0.65 0.00
ALBANY___4 23574	24.68 0.74 0.00	20.97 0.67 0.00	18.55 0.61 0.00	17.89 0.57 0.00	17.15 0.53 0.00	24.50 0.67 0.00	30.64 0.30 0.00	34.61 0.31 0.00	37.59 0.41 0.00	36.31 0.43 0.00	36.48 0.40 0.00	36.35 0.40 0.00	35.15 0.38 0.00	34.46 0.41 0.00	33.44 0.40 0.00	32.55 0.45 0.01	34.95 0.41 0.00	38.45 0.49 0.00	39.64 0.35 0.00	42.14 0.29 0.01	44.71 0.31 0.00	39.36 0.43 0.00	33.56 0.50 0.00	30.22 0.65 0.00
ALBANY___LFGE 323615	24.85 0.91 0.00	21.11 0.81 0.00	18.66 0.72 0.00	17.99 0.67 0.00	17.25 0.63 0.00	24.67 0.83 0.00	30.88 0.55 0.00	34.89 0.58 0.00	37.92 0.74 0.00	36.64 0.75 0.00	36.81 0.72 0.00	36.71 0.76 0.00	35.46 0.69 0.00	34.77 0.72 0.00	33.77 0.73 0.00	32.84 0.74 0.01	35.26 0.73 0.00	38.79 0.83 0.00	40.00 0.71 0.00	42.55 0.71 0.01	45.15 0.75 0.00	39.71 0.78 0.00	33.86 0.79 0.00	30.46 0.89 0.00
ALCOA_PA_115KV_PL-6C 55860	23.46 -0.48 0.00	19.89 -0.41 0.00	17.60 -0.34 0.00	17.00 -0.31 0.00	16.23 -0.38 0.00	23.50 -0.33 0.00	30.58 0.24 0.00	34.61 0.31 0.00	37.48 0.30 0.00	36.21 0.32 0.00	36.41 0.32 0.00	36.35 0.40 0.00	35.15 0.38 0.00	34.39 0.34 0.00	33.30 0.26 0.00	32.40 0.29 0.00	34.88 0.35 0.00	38.33 0.38 0.00	39.72 0.43 0.00	42.14 0.29 0.00	44.57 0.18 0.00	39.17 0.23 0.00	33.20 0.13 0.00	29.19 -0.38 0.00
ALCOA_RYNLDS___DRP 24188	23.46 -0.48 0.00	19.89 -0.41 0.00	17.60 -0.34 0.00	17.00 -0.31 0.00	16.23 -0.38 0.00	23.50 -0.33 0.00	30.58 0.24 0.00	34.61 0.31 0.00	37.48 0.30 0.00	36.21 0.32 0.00	36.41 0.32 0.00	36.35 0.40 0.00	35.15 0.38 0.00	34.39 0.34 0.00	33.30 0.26 0.00	32.40 0.29 0.00	34.88 0.35 0.00	38.33 0.38 0.00	39.72 0.43 0.00	42.14 0.29 0.00	44.57 0.18 0.00	39.17 0.23 0.00	33.20 0.13 0.00	29.19 -0.38 0.00
ALCOA___DSASP 323711	23.43 -0.50 0.00	19.89 -0.41 0.00	17.58 -0.36 0.00	17.00 -0.31 0.00	16.23 -0.38 0.00	23.50 -0.33 0.00	30.57 0.24 0.00	34.61 0.31 0.00	37.48 0.30 0.00	36.21 0.32 0.00	36.37 0.29 0.00	36.35 0.40 0.00	35.11 0.35 0.00	34.36 0.31 0.00	33.30 0.26 0.00	32.36 0.26 0.00	34.88 0.35 0.00	38.29 0.34 0.00	39.72 0.43 0.00	42.14 0.30 0.00	44.53 0.13 0.00	39.17 0.24 0.00	33.20 0.13 0.00	29.19 -0.39 0.00
ALLEGHENY___COGEN 23514	23.70 -0.24 0.00	20.14 -0.16 0.00	17.73 -0.21 0.00	17.11 -0.21 0.00	16.43 -0.18 0.00	23.46 -0.38 0.00	29.85 -0.49 0.00	33.82 -0.48 0.00	35.84 -1.34 0.00	33.59 -2.30 0.00	33.78 -2.31 0.00	33.15 -2.80 0.00	32.12 -2.64 0.00	31.53 -2.52 0.00	30.83 -2.21 0.00	29.95 -2.15 0.01	32.39 -2.14 0.00	35.94 -2.01 0.00	38.03 -1.26 0.00	41.46 -0.38 0.01	44.22 -0.18 0.00	38.62 -0.31 0.00	32.67 -0.40 0.00	29.60 0.03 0.00
ALTAMONT_115KV_TB 2 55880	24.73 0.79 0.00	20.99 0.69 0.00	18.57 0.63 0.00	17.90 0.59 0.00	17.18 0.56 0.00	24.58 0.74 0.00	30.91 0.58 0.00	34.96 0.65 0.00	37.96 0.78 0.00	36.67 0.79 0.00	36.84 0.76 0.00	36.71 0.76 0.00	35.46 0.70 0.00	34.77 0.72 0.00	33.73 0.69 0.00	32.81 0.71 0.01	35.29 0.76 0.00	38.82 0.87 0.00	40.07 0.79 0.00	42.72 0.88 0.01	45.33 0.93 0.00	39.79 0.86 0.00	33.86 0.79 0.00	30.46 0.89 0.00
ALTONA_WT_PWR 323606	23.58 -0.36 0.00	19.99 -0.30 0.00	17.74 -0.20 0.00	17.16 -0.16 0.00	16.40 -0.22 0.00	23.77 -0.07 0.00	30.82 0.48 0.00	34.92 0.62 0.00	37.77 0.59 0.00	36.49 0.61 0.00	36.63 0.54 0.00	36.57 0.61 0.00	35.29 0.52 0.00	34.56 0.51 0.00	33.47 0.43 0.00	32.49 0.39 0.00	35.08 0.55 0.00	38.56 0.61 0.00	39.91 0.63 0.00	42.18 0.33 0.00	44.66 0.27 0.00	39.09 0.16 0.00	33.07 0.00 0.00	29.16 -0.41 0.00
AMERICAN_REF_FUEL 24010	22.24 -1.70 0.00	18.96 -1.34 0.00	16.68 -1.26 0.00	16.03 -1.28 0.00	15.40 -1.21 0.00	21.74 -2.10 0.00	27.42 -2.91 0.00	31.08 -3.23 0.00	33.05 -4.13 0.00	31.15 -4.74 0.00	31.61 -4.48 0.00	30.99 -4.96 0.00	30.17 -4.59 0.00	29.66 -4.39 0.00	28.98 -4.07 0.00	28.12 -3.98 0.01	30.28 -4.25 0.00	33.17 -4.78 0.00	34.77 -4.52 0.00	37.40 -4.44 0.01	39.78 -4.62 0.00	34.92 -4.01 0.00	29.92 -3.14 0.00	27.41 -2.16 0.00
ARKWRIGHT___SUMMIT_WT_PWR 323751	22.31 -1.63 0.00	19.02 -1.28 0.00	16.74 -1.20 0.00	16.23 -1.09 0.00	15.65 -0.96 0.00	22.31 -1.53 0.00	28.33 -2.00 0.00	32.38 -1.92 0.00	34.50 -2.68 0.00	32.55 -3.34 0.00	32.87 -3.21 0.00	32.25 -3.70 0.00	31.32 -3.44 0.00	30.65 -3.40 0.00	29.80 -3.24 0.00	28.79 -3.31 0.01	31.01 -3.52 0.00	33.89 -4.06 0.00	35.71 -3.57 0.00	38.58 -3.26 0.01	41.25 -3.15 0.00	36.17 -2.76 0.00	30.75 -2.32 0.00	28.12 -1.45 0.00
ARTHUR KILL_GT_1 23520	25.90 1.96 0.00	21.98 1.68 0.00	19.41 1.47 0.00	18.70 1.39 0.00	17.96 1.35 0.00	25.60 1.76 0.00	32.09 1.76 0.00	36.67 2.37 0.00	39.86 2.68 0.00	38.83 2.94 0.00	38.94 2.85 0.00	38.87 2.91 0.00	37.65 2.89 0.00	36.88 2.83 0.00	35.78 2.74 0.00	34.86 2.76 0.01	37.61 3.07 0.00	41.33 3.38 0.00	42.67 3.38 0.00	45.36 3.52 0.01	48.13 3.73 0.00	42.01 3.08 0.00	35.51 2.45 0.00	31.79 2.22 0.00
ARTHUR_KILL_2 23512	25.83 1.89 0.00	21.95 1.64 -0.01	19.35 1.40 -0.01	18.68 1.35 -0.01	17.93 1.31 -0.01	25.53 1.69 0.00	32.03 1.70 0.00	36.57 2.26 0.00	39.78 2.60 0.00	38.75 2.87 0.00	38.83 2.74 0.00	38.79 2.84 0.00	37.58 2.81 0.00	36.78 2.73 0.00	35.72 2.68 0.00	34.80 2.70 0.01	37.51 2.97 -0.01	41.22 3.26 -0.01	42.56 3.26 -0.01	45.28 3.43 0.01	48.04 3.64 0.00	41.89 2.96 0.00	35.41 2.35 0.00	31.70 2.13 0.00
ARTHUR_KILL_3 23513	25.59 1.65 0.00	21.76 1.46 0.00	19.18 1.24 0.00	18.51 1.19 0.00	17.79 1.18 0.00	25.43 1.60 0.00	31.91 1.58 0.00	36.40 2.09 0.00	39.60 2.42 0.00	38.54 2.66 0.00	38.69 2.60 0.00	38.62 2.66 0.00	37.40 2.64 0.00	36.64 2.59 0.00	35.55 2.51 0.00	34.61 2.51 0.01	37.26 2.73 0.00	40.95 3.00 0.00	42.12 2.83 0.00	44.81 2.97 0.01	47.55 3.15 0.00	41.54 2.61 0.00	35.15 2.08 0.00	31.49 1.92 0.00

ARTHUR_KILL_COGEN 323718	25.90 1.96 0.00	21.99 1.68 -0.01	19.38 1.44 -0.01	18.71 1.39 -0.01	17.97 1.35 -0.01	25.60 1.76 0.00	32.09 1.76 0.00	36.67 2.37 0.00	39.86 2.68 0.00	38.83 2.94 0.00	38.94 2.85 0.00	38.87 2.91 0.00	37.65 2.88 0.00	36.88 2.82 0.00	35.78 2.74 0.00	34.90 2.79 0.01	37.61 3.07 -0.01	41.34 3.38 -0.01	42.68 3.38 -0.01	45.40 3.56 0.01	48.17 3.77 0.00	42.01 3.07 0.00	35.51 2.45 0.00	31.79 2.22 0.00
ASHOKAN____ 23654	25.57 1.63 0.00	21.70 1.40 0.00	19.12 1.18 0.00	18.48 1.16 0.00	17.73 1.11 0.00	25.39 1.55 0.00	31.76 1.43 0.00	35.85 1.55 0.00	38.78 1.60 0.00	37.71 1.83 0.00	37.67 1.59 0.00	37.57 1.62 0.00	36.26 1.49 0.00	35.48 1.43 0.00	34.43 1.39 0.00	33.55 1.45 0.01	36.19 1.66 0.00	39.85 1.90 0.00	41.25 1.96 0.00	44.14 2.30 0.01	46.97 2.57 0.00	41.27 2.34 0.00	34.92 1.85 0.00	31.38 1.80 0.00
ASTORIA_EAST_ENERGY_CC1 323581	25.58 1.65 0.01	21.85 1.54 -0.01	19.24 1.29 -0.01	18.57 1.25 -0.01	17.85 1.23 -0.01	25.39 1.55 0.00	31.75 1.43 0.01	36.28 1.99 0.01	39.55 2.38 0.01	38.53 2.66 0.01	38.64 2.56 0.01	38.61 2.66 0.01	37.43 2.68 0.01	36.63 2.59 0.01	35.58 2.54 0.01	34.66 2.57 0.01	37.29 2.76 0.01	40.98 3.04 0.01	42.19 2.91 0.01	44.89 3.05 0.02	47.59 3.20 0.01	41.45 2.53 0.01	35.08 2.02 0.00	31.41 1.83 0.00
ASTORIA_EAST_ENERGY_CC2 323582	25.58 1.65 0.01	21.83 1.52 -0.01	19.24 1.29 -0.01	18.57 1.25 -0.01	17.85 1.23 -0.01	25.39 1.55 0.00	31.75 1.43 0.01	36.28 1.99 0.01	39.55 2.38 0.01	38.53 2.66 0.01	38.64 2.56 0.01	38.61 2.66 0.01	37.43 2.68 0.01	36.63 2.59 0.01	35.58 2.54 0.01	34.66 2.57 0.01	37.29 2.76 0.01	40.98 3.04 0.01	42.19 2.91 0.01	44.89 3.05 0.02	47.59 3.20 0.01	41.45 2.53 0.01	35.08 2.02 0.00	31.41 1.83 0.00
ASTORIA_GT2_1 24094	25.61 1.68 0.01	21.84 1.54 0.00	19.27 1.33 0.00	18.58 1.26 0.00	17.84 1.23 0.00	25.39 1.55 0.00	31.79 1.46 0.00	36.33 2.02 0.00	39.60 2.42 0.00	38.57 2.69 0.00	38.72 2.63 0.00	38.62 2.66 0.00	37.44 2.68 0.00	36.68 2.62 0.00	35.58 2.54 0.00	34.64 2.54 0.01	37.31 2.80 0.02	40.97 3.04 0.02	42.22 2.95 0.02	44.86 3.01 0.01	47.55 3.15 0.00	41.50 2.57 0.00	35.08 2.02 0.00	31.43 1.86 0.00
ASTORIA_GT2_2 24095	25.61 1.68 0.01	21.84 1.54 0.00	19.27 1.33 0.00	18.58 1.26 0.00	17.84 1.23 0.00	25.39 1.55 0.00	31.79 1.46 0.00	36.33 2.02 0.00	39.60 2.42 0.00	38.57 2.69 0.00	38.72 2.63 0.00	38.62 2.66 0.00	37.44 2.68 0.00	36.68 2.62 0.00	35.58 2.54 0.00	34.64 2.54 0.01	37.31 2.80 0.02	40.97 3.04 0.02	42.22 2.95 0.02	44.86 3.01 0.01	47.55 3.15 0.00	41.50 2.57 0.00	35.08 2.02 0.00	31.43 1.86 0.00
ASTORIA_GT2_3 24096	25.61 1.68 0.01	21.84 1.54 0.00	19.27 1.33 0.00	18.58 1.26 0.00	17.84 1.23 0.00	25.39 1.55 0.00	31.79 1.46 0.00	36.33 2.02 0.00	39.60 2.42 0.00	38.57 2.69 0.00	38.72 2.63 0.00	38.62 2.66 0.00	37.44 2.68 0.00	36.68 2.62 0.00	35.58 2.54 0.00	34.64 2.54 0.01	37.31 2.80 0.02	40.97 3.04 0.02	42.22 2.95 0.02	44.86 3.01 0.01	47.55 3.15 0.00	41.50 2.57 0.00	35.08 2.02 0.00	31.43 1.86 0.00
ASTORIA_GT2_4 24097	25.61 1.68 0.01	21.84 1.54 0.00	19.27 1.33 0.00	18.58 1.26 0.00	17.84 1.23 0.00	25.39 1.55 0.00	31.79 1.46 0.00	36.33 2.02 0.00	39.60 2.42 0.00	38.57 2.69 0.00	38.72 2.63 0.00	38.62 2.66 0.00	37.44 2.68 0.00	36.68 2.62 0.00	35.58 2.54 0.00	34.64 2.54 0.01	37.31 2.80 0.02	40.97 3.04 0.02	42.22 2.95 0.02	44.86 3.01 0.01	47.55 3.15 0.00	41.50 2.57 0.00	35.08 2.02 0.00	31.43 1.86 0.00
ASTORIA_GT3_1 24098	25.61 1.68 0.01	21.84 1.54 0.00	19.27 1.33 0.00	18.58 1.26 0.00	17.84 1.23 0.00	25.39 1.55 0.00	31.79 1.46 0.00	36.33 2.02 0.00	39.60 2.42 0.00	38.57 2.69 0.00	38.72 2.63 0.00	38.62 2.66 0.00	37.44 2.68 0.00	36.68 2.62 0.00	35.58 2.54 0.00	34.64 2.54 0.01	37.31 2.80 0.02	40.97 3.04 0.02	42.22 2.95 0.02	44.86 3.01 0.01	47.55 3.15 0.00	41.50 2.57 0.00	35.08 2.02 0.00	31.43 1.86 0.00
ASTORIA_GT3_2 24099	25.61 1.68 0.01	21.84 1.54 0.00	19.27 1.33 0.00	18.58 1.26 0.00	17.84 1.23 0.00	25.39 1.55 0.00	31.79 1.46 0.00	36.33 2.02 0.00	39.60 2.42 0.00	38.57 2.69 0.00	38.72 2.63 0.00	38.62 2.66 0.00	37.44 2.68 0.00	36.68 2.62 0.00	35.58 2.54 0.00	34.64 2.54 0.01	37.31 2.80 0.02	40.97 3.04 0.02	42.22 2.95 0.02	44.86 3.01 0.01	47.55 3.15 0.00	41.50 2.57 0.00	35.08 2.02 0.00	31.43 1.86 0.00
ASTORIA_GT3_3 24100	25.61 1.68 0.01	21.84 1.54 0.00	19.27 1.33 0.00	18.58 1.26 0.00	17.84 1.23 0.00	25.39 1.55 0.00	31.79 1.46 0.00	36.33 2.02 0.00	39.60 2.42 0.00	38.57 2.69 0.00	38.72 2.63 0.00	38.62 2.66 0.00	37.44 2.68 0.00	36.68 2.62 0.00	35.58 2.54 0.00	34.64 2.54 0.01	37.31 2.80 0.02	40.97 3.04 0.02	42.22 2.95 0.02	44.86 3.01 0.01	47.55 3.15 0.00	41.50 2.57 0.00	35.08 2.02 0.00	31.43 1.86 0.00
ASTORIA_GT3_4 24101	25.61 1.68 0.01	21.84 1.54 0.00	19.27 1.33 0.00	18.58 1.26 0.00	17.84 1.23 0.00	25.39 1.55 0.00	31.79 1.46 0.00	36.33 2.02 0.00	39.60 2.42 0.00	38.57 2.69 0.00	38.72 2.63 0.00	38.62 2.66 0.00	37.44 2.68 0.00	36.68 2.62 0.00	35.58 2.54 0.00	34.64 2.54 0.01	37.31 2.80 0.02	40.97 3.04 0.02	42.22 2.95 0.02	44.86 3.01 0.01	47.55 3.15 0.00	41.50 2.57 0.00	35.08 2.02 0.00	31.43 1.86 0.00
ASTORIA_GT4_1 24102	25.61 1.68 0.01	21.84 1.54 0.00	19.27 1.33 0.00	18.58 1.26 0.00	17.84 1.23 0.00	25.39 1.55 0.00	31.79 1.46 0.00	36.33 2.02 0.00	39.60 2.42 0.00	38.57 2.69 0.00	38.72 2.63 0.00	38.62 2.66 0.00	37.44 2.68 0.00	36.68 2.62 0.00	35.58 2.54 0.00	34.64 2.54 0.01	37.31 2.80 0.02	40.97 3.04 0.02	42.22 2.95 0.02	44.86 3.01 0.01	47.55 3.15 0.00	41.50 2.57 0.00	35.08 2.02 0.00	31.43 1.86 0.00
ASTORIA_GT4_2 24103	25.61 1.68 0.01	21.84 1.54 0.00	19.27 1.33 0.00	18.58 1.26 0.00	17.84 1.23 0.00	25.39 1.55 0.00	31.79 1.46 0.00	36.33 2.02 0.00	39.60 2.42 0.00	38.57 2.69 0.00	38.72 2.63 0.00	38.62 2.66 0.00	37.44 2.68 0.00	36.68 2.62 0.00	35.58 2.54 0.00	34.64 2.54 0.01	37.31 2.80 0.02	40.97 3.04 0.02	42.22 2.95 0.02	44.86 3.01 0.01	47.55 3.15 0.00	41.50 2.57 0.00	35.08 2.02 0.00	31.43 1.86 0.00
ASTORIA_GT4_3 24104	25.61 1.68 0.01	21.84 1.54 0.00	19.27 1.33 0.00	18.58 1.26 0.00	17.84 1.23 0.00	25.39 1.55 0.00	31.79 1.46 0.00	36.33 2.02 0.00	39.60 2.42 0.00	38.57 2.69 0.00	38.72 2.63 0.00	38.62 2.66 0.00	37.44 2.68 0.00	36.68 2.62 0.00	35.58 2.54 0.00	34.64 2.54 0.01	37.31 2.80 0.02	40.97 3.04 0.02	42.22 2.95 0.02	44.86 3.01 0.01	47.55 3.15 0.00	41.50 2.57 0.00	35.08 2.02 0.00	31.43 1.86 0.00

ASTORIA_GT4_4 24105	25.61 1.68 0.01	21.84 1.54 0.00	19.27 1.33 0.00	18.58 1.26 0.00	17.84 1.23 0.00	25.39 1.55 0.00	31.79 1.46 0.00	36.33 2.02 0.00	39.60 2.42 0.00	38.57 2.69 0.00	38.72 2.63 0.00	38.62 2.66 0.00	37.44 2.68 0.00	36.68 2.62 0.00	35.58 2.54 0.00	34.64 2.54 0.01	37.31 2.80 0.02	40.97 3.04 0.02	42.22 2.95 0.02	44.86 3.01 0.01	47.55 3.15 0.00	41.50 2.57 0.00	35.08 2.02 0.00	31.43 1.86 0.00
ASTORIA_GT_1 23523	25.65 1.72 0.01	21.86 1.56 0.00	19.30 1.36 0.00	18.60 1.28 0.00	17.86 1.25 0.00	25.43 1.60 0.00	31.82 1.49 0.00	36.40 2.09 0.00	39.63 2.45 0.00	38.61 2.73 0.00	38.76 2.67 0.00	38.69 2.73 0.00	37.51 2.75 0.00	36.74 2.69 0.00	35.65 2.61 0.00	34.70 2.60 0.01	37.35 2.83 0.02	41.05 3.11 0.02	42.30 3.03 0.02	44.94 3.10 0.01	47.64 3.24 0.00	41.58 2.65 0.00	35.15 2.08 0.00	31.46 1.89 0.00
ASTORIA_GT_10 24110	25.78 1.84 0.00	21.90 1.60 0.00	19.34 1.40 0.00	18.65 1.33 0.00	17.91 1.30 0.00	25.53 1.69 0.00	32.00 1.67 0.00	36.53 2.23 0.00	39.78 2.60 0.00	38.75 2.87 0.00	38.90 2.81 0.00	38.83 2.88 0.00	37.58 2.82 0.00	36.81 2.76 0.00	35.75 2.71 0.00	34.80 2.70 0.01	37.47 2.94 0.00	41.18 3.23 0.00	42.39 3.10 0.00	45.07 3.22 0.01	47.77 3.37 0.00	41.74 2.80 0.00	35.28 2.22 0.00	31.61 2.04 0.00
ASTORIA_GT_11 24225	25.78 1.84 0.00	21.90 1.60 0.00	19.34 1.40 0.00	18.65 1.33 0.00	17.91 1.30 0.00	25.53 1.69 0.00	32.00 1.67 0.00	36.53 2.23 0.00	39.78 2.60 0.00	38.75 2.87 0.00	38.90 2.81 0.00	38.83 2.88 0.00	37.58 2.82 0.00	36.81 2.76 0.00	35.75 2.71 0.00	34.80 2.70 0.01	37.47 2.94 0.00	41.18 3.23 0.00	42.39 3.10 0.00	45.07 3.22 0.01	47.77 3.37 0.00	41.74 2.80 0.00	35.28 2.22 0.00	31.61 2.04 0.00
ASTORIA_GT_12 24226	25.78 1.84 0.00	21.90 1.60 0.00	19.34 1.40 0.00	18.65 1.33 0.00	17.91 1.30 0.00	25.53 1.69 0.00	32.00 1.67 0.00	36.53 2.23 0.00	39.78 2.60 0.00	38.75 2.87 0.00	38.90 2.81 0.00	38.83 2.88 0.00	37.58 2.82 0.00	36.81 2.76 0.00	35.75 2.71 0.00	34.80 2.70 0.01	37.47 2.94 0.00	41.18 3.23 0.00	42.39 3.10 0.00	45.07 3.22 0.01	47.77 3.37 0.00	41.74 2.80 0.00	35.28 2.22 0.00	31.61 2.04 0.00
ASTORIA_GT_13 24227	25.78 1.84 0.00	21.90 1.60 0.00	19.34 1.40 0.00	18.65 1.33 0.00	17.91 1.30 0.00	25.53 1.69 0.00	32.00 1.67 0.00	36.53 2.23 0.00	39.78 2.60 0.00	38.75 2.87 0.00	38.90 2.81 0.00	38.83 2.88 0.00	37.58 2.82 0.00	36.81 2.76 0.00	35.75 2.71 0.00	34.80 2.70 0.01	37.47 2.94 0.00	41.18 3.23 0.00	42.39 3.10 0.00	45.07 3.22 0.01	47.77 3.37 0.00	41.74 2.80 0.00	35.28 2.22 0.00	31.61 2.04 0.00
ASTORIA_GT_5 24106	25.65 1.72 0.01	21.86 1.56 0.00	19.30 1.36 0.00	18.60 1.28 0.00	17.86 1.25 0.00	25.43 1.60 0.00	31.82 1.49 0.00	36.40 2.09 0.00	39.63 2.45 0.00	38.61 2.73 0.00	38.76 2.67 0.00	38.69 2.73 0.00	37.51 2.75 0.00	36.74 2.69 0.00	35.65 2.61 0.00	34.70 2.60 0.01	37.35 2.83 0.02	41.05 3.11 0.02	42.30 3.03 0.02	44.94 3.10 0.01	47.64 3.24 0.00	41.58 2.65 0.00	35.15 2.08 0.00	31.46 1.89 0.00
ASTORIA_GT_7 24107	25.65 1.72 0.01	21.86 1.56 0.00	19.30 1.36 0.00	18.60 1.28 0.00	17.86 1.25 0.00	25.43 1.60 0.00	31.82 1.49 0.00	36.40 2.09 0.00	39.63 2.45 0.00	38.61 2.73 0.00	38.76 2.67 0.00	38.69 2.73 0.00	37.51 2.75 0.00	36.74 2.69 0.00	35.65 2.61 0.00	34.70 2.60 0.01	37.35 2.83 0.02	41.05 3.11 0.02	42.30 3.03 0.02	44.94 3.10 0.01	47.64 3.24 0.00	41.58 2.65 0.00	35.15 2.08 0.00	31.46 1.89 0.00
ASTORIA_GT_8 24108	25.65 1.72 0.01	21.86 1.56 0.00	19.30 1.36 0.00	18.60 1.28 0.00	17.86 1.25 0.00	25.43 1.60 0.00	31.82 1.49 0.00	36.40 2.09 0.00	39.63 2.45 0.00	38.61 2.73 0.00	38.76 2.67 0.00	38.69 2.73 0.00	37.51 2.75 0.00	36.74 2.69 0.00	35.65 2.61 0.00	34.70 2.60 0.01	37.35 2.83 0.02	41.05 3.11 0.02	42.30 3.03 0.02	44.94 3.10 0.01	47.64 3.24 0.00	41.58 2.65 0.00	35.15 2.08 0.00	31.46 1.89 0.00
ASTORIA___2 24149	25.60 1.68 0.01	21.85 1.54 -0.01	19.26 1.31 -0.01	18.59 1.26 -0.01	17.85 1.23 -0.01	25.39 1.55 0.00	31.78 1.46 0.01	36.32 2.02 0.01	39.59 2.42 0.01	38.57 2.69 0.01	38.68 2.60 0.01	38.61 2.66 0.01	37.43 2.68 0.01	36.67 2.62 0.01	35.58 2.54 0.01	34.66 2.57 0.01	37.32 2.80 0.01	40.98 3.04 0.01	42.23 2.95 0.01	44.89 3.05 0.02	47.63 3.24 0.01	41.45 2.53 0.01	35.08 2.02 0.00	31.44 1.86 0.00
ASTORIA___3 23516	25.76 1.82 0.00	21.91 1.60 -0.01	19.33 1.38 -0.01	18.66 1.33 -0.01	17.92 1.30 -0.01	25.53 1.69 0.00	32.00 1.67 0.00	36.53 2.23 0.00	39.78 2.60 0.00	38.75 2.87 0.00	38.87 2.78 0.00	38.83 2.88 0.00	37.62 2.85 0.00	36.81 2.76 0.00	35.75 2.71 0.00	34.80 2.70 0.01	37.48 2.93 -0.01	41.18 3.22 -0.01	42.40 3.10 -0.01	45.11 3.27 0.01	47.86 3.47 0.00	41.74 2.80 0.00	35.28 2.22 0.00	31.61 2.04 0.00
ASTORIA___4 23517	25.78 1.84 0.00	21.90 1.60 0.00	19.34 1.40 0.00	18.65 1.33 0.00	17.91 1.30 0.00	25.53 1.69 0.00	32.00 1.67 0.00	36.53 2.23 0.00	39.78 2.60 0.00	38.75 2.87 0.00	38.90 2.81 0.00	38.83 2.88 0.00	37.58 2.82 0.00	36.81 2.76 0.00	35.75 2.71 0.00	34.80 2.70 0.01	37.47 2.94 0.00	41.18 3.23 0.00	42.39 3.10 0.00	45.07 3.22 0.01	47.77 3.37 0.00	41.74 2.80 0.00	35.28 2.22 0.00	31.61 2.04 0.00
ASTORIA___5 23518	25.76 1.82 0.00	21.91 1.60 -0.01	19.33 1.38 -0.01	18.66 1.33 -0.01	17.92 1.30 -0.01	25.53 1.69 0.00	32.00 1.67 0.00	36.53 2.23 0.00	39.78 2.60 0.00	38.75 2.87 0.00	38.87 2.78 0.00	38.83 2.88 0.00	37.62 2.85 0.00	36.81 2.76 0.00	35.75 2.71 0.00	34.80 2.70 0.01	37.48 2.93 -0.01	41.18 3.22 -0.01	42.40 3.10 -0.01	45.11 3.27 0.01	47.86 3.47 0.00	41.74 2.80 0.00	35.28 2.22 0.00	31.61 2.04 0.00
AST_ENERGY_2_CC3 323677	25.61 1.68 0.00	21.78 1.48 0.00	19.21 1.27 0.00	18.55 1.23 0.00	17.81 1.20 0.00	25.46 1.62 0.00	29.44 1.61 2.50	31.72 2.13 4.71	32.88 2.45 6.75	32.21 2.69 6.36	33.15 2.63 5.57	33.03 2.70 5.62	31.92 2.68 5.52	31.03 2.62 5.64	30.37 2.54 5.21	30.37 2.51 4.25	30.96 2.73 6.30	34.44 3.00 6.50	30.37 2.87 11.78	30.37 3.02 14.50	33.08 3.20 14.51	35.69 2.65 5.89	30.37 2.15 4.84	30.37 1.98 1.18
AST_ENERGY_2_CC4 323678	25.61 1.68 0.00	21.78 1.48 0.00	19.21 1.27 0.00	18.55 1.23 0.00	17.81 1.20 0.00	25.46 1.62 0.00	29.44 1.61 2.50	31.72 2.13 4.71	32.88 2.45 6.75	32.21 2.69 6.36	33.15 2.63 5.57	33.03 2.70 5.62	31.92 2.68 5.52	31.03 2.62 5.64	30.37 2.54 5.21	30.37 2.51 4.25	30.96 2.73 6.30	34.44 3.00 6.50	30.37 2.87 11.78	30.37 3.02 14.50	33.08 3.20 14.51	35.69 2.65 5.89	30.37 2.15 4.84	30.37 1.98 1.18

ATHENS_STG_1 23668	24.85 0.91 0.00	21.09 0.79 0.00	18.66 0.72 0.00	18.01 0.69 0.00	17.30 0.68 0.00	24.69 0.86 0.00	31.06 0.73 0.00	35.23 0.93 0.00	38.26 1.08 0.00	37.03 1.15 0.00	37.21 1.12 0.00	37.11 1.15 0.00	35.88 1.11 0.00	35.14 1.09 0.00	34.13 1.09 0.00	33.20 1.09 0.01	35.71 1.17 0.00	39.24 1.29 0.00	40.47 1.18 0.00	43.14 1.30 0.01	45.77 1.38 0.00	40.14 1.21 0.00	34.09 1.03 0.00	30.63 1.06 0.00
ATHENS_STG_2 23670	24.85 0.91 0.00	21.09 0.79 0.00	18.66 0.72 0.00	18.01 0.69 0.00	17.30 0.68 0.00	24.69 0.86 0.00	31.06 0.73 0.00	35.23 0.93 0.00	38.26 1.08 0.00	37.03 1.15 0.00	37.21 1.12 0.00	37.11 1.15 0.00	35.88 1.11 0.00	35.14 1.09 0.00	34.13 1.09 0.00	33.20 1.09 0.01	35.71 1.17 0.00	39.24 1.29 0.00	40.47 1.18 0.00	43.14 1.30 0.01	45.77 1.38 0.00	40.14 1.21 0.00	34.09 1.03 0.00	30.63 1.06 0.00
ATHENS_STG_3 23677	24.85 0.91 0.00	21.09 0.79 0.00	18.66 0.72 0.00	18.01 0.69 0.00	17.30 0.68 0.00	24.69 0.86 0.00	31.06 0.73 0.00	35.23 0.93 0.00	38.26 1.08 0.00	37.03 1.15 0.00	37.21 1.12 0.00	37.11 1.15 0.00	35.88 1.11 0.00	35.14 1.09 0.00	34.13 1.09 0.00	33.20 1.09 0.01	35.71 1.17 0.00	39.24 1.29 0.00	40.47 1.18 0.00	43.14 1.30 0.01	45.77 1.38 0.00	40.14 1.21 0.00	34.09 1.03 0.00	30.63 1.06 0.00
AUBURN____LFGE 323710	23.77 -0.17 0.00	20.20 -0.10 0.00	17.80 -0.14 0.00	17.18 -0.14 0.00	16.50 -0.12 0.00	23.62 -0.21 0.00	29.97 -0.36 0.00	33.82 -0.48 0.00	36.73 -0.45 0.00	35.13 -0.75 0.00	35.37 -0.72 0.00	35.16 -0.79 0.00	33.83 -0.94 0.00	33.13 -0.92 0.00	32.21 -0.83 0.00	31.27 -0.83 0.01	33.64 -0.90 0.00	37.04 -0.91 0.00	38.58 -0.71 0.00	41.30 -0.54 0.00	43.86 -0.53 0.00	38.43 -0.51 0.00	32.54 -0.53 0.00	29.42 -0.15 0.00
BABYLON_RES_REC 323704	26.13 2.18 -0.01	22.13 1.83 0.00	19.53 1.58 -0.01	18.86 1.54 0.00	18.09 1.48 0.00	26.01 2.17 0.00	32.37 2.03 0.00	37.06 2.75 -0.01	40.20 3.01 -0.01	39.01 3.12 -0.01	39.89 2.92 -0.88	41.65 3.05 -2.64	41.63 3.02 -3.84	42.71 2.96 -5.70	42.16 2.87 -6.24	43.68 2.86 -8.72	43.18 3.14 -5.50	43.62 3.38 -2.29	44.79 3.34 -2.16	47.32 3.56 -1.91	50.59 3.82 -2.37	46.50 3.23 -4.34	40.25 2.81 -4.38	34.02 2.54 -1.90
BALL_HILL_WT_PWR 323825	22.79 -1.15 0.00	19.41 -0.89 0.00	17.06 -0.88 0.00	16.45 -0.87 0.00	15.82 -0.80 0.00	22.45 -1.38 0.00	28.42 -1.91 0.00	32.35 -1.95 0.00	34.47 -2.71 0.00	32.51 -3.37 0.00	32.87 -3.21 0.00	32.29 -3.67 0.00	31.39 -3.37 0.00	30.82 -3.24 0.00	30.00 -3.04 0.00	29.11 -2.99 0.01	31.36 -3.18 0.00	34.31 -3.64 0.00	36.03 -3.26 0.00	38.83 -3.01 0.01	41.42 -2.97 0.00	36.32 -2.61 0.00	30.95 -2.12 0.00	28.27 -1.30 0.00
BARON_WINDS____WT_PWR 323822	23.10 -0.84 0.00	19.63 -0.67 0.00	17.28 -0.66 0.00	16.66 -0.66 0.00	16.02 -0.60 0.00	22.86 -0.98 0.00	29.06 -1.27 0.00	33.00 -1.30 0.00	35.17 -2.01 0.00	33.34 -2.55 0.00	33.60 -2.49 0.00	33.19 -2.77 0.00	32.12 -2.64 0.00	31.50 -2.55 0.00	30.66 -2.38 0.00	29.76 -2.34 0.01	32.05 -2.49 0.00	35.18 -2.77 0.00	36.89 -2.40 0.00	39.88 -1.97 0.01	42.49 -1.91 0.00	37.37 -1.56 0.00	31.71 -1.36 0.00	28.80 -0.77 0.00
BARRETT_IC_1 23704	25.98 2.03 -0.01	22.02 1.72 0.00	19.44 1.49 -0.01	18.77 1.45 0.00	18.01 1.40 0.00	25.86 2.03 0.00	32.24 1.91 0.00	36.86 2.54 -0.02	40.06 2.86 -0.02	38.80 2.91 -0.02	48.93 2.71 -10.14	69.47 2.84 -30.68	82.18 2.78 -44.63	101.52 2.73 -64.74	71.85 2.58 -36.23	86.62 2.57 -51.94	81.01 2.83 -43.64	67.56 3.00 -26.61	67.22 2.87 -25.07	67.22 3.14 -22.23	75.30 3.37 -27.53	92.48 2.92 -50.62	48.25 2.41 -12.77	33.52 2.22 -1.73
BARRETT_IC_10 23701	25.98 2.03 -0.01	22.02 1.72 0.00	19.44 1.49 -0.01	18.77 1.45 0.00	18.01 1.40 0.00	25.86 2.03 0.00	32.24 1.91 0.00	36.86 2.54 -0.02	40.06 2.86 -0.02	38.80 2.91 -0.02	48.93 2.71 -10.14	69.47 2.84 -30.68	82.18 2.78 -44.63	101.52 2.73 -64.74	71.85 2.58 -36.23	86.62 2.57 -51.94	81.01 2.83 -43.64	67.56 3.00 -26.61	67.22 2.87 -25.07	67.22 3.14 -22.23	75.30 3.37 -27.53	92.48 2.92 -50.62	48.25 2.41 -12.77	33.52 2.22 -1.73
BARRETT_IC_11 23702	25.98 2.03 -0.01	22.02 1.72 0.00	19.44 1.49 -0.01	18.77 1.45 0.00	18.01 1.40 0.00	25.86 2.03 0.00	32.24 1.91 0.00	36.86 2.54 -0.02	40.06 2.86 -0.02	38.80 2.91 -0.02	48.93 2.71 -10.14	69.47 2.84 -30.68	82.18 2.78 -44.63	101.52 2.73 -64.74	71.85 2.58 -36.23	86.62 2.57 -51.94	81.01 2.83 -43.64	67.56 3.00 -26.61	67.22 2.87 -25.07	67.22 3.14 -22.23	75.30 3.37 -27.53	92.48 2.92 -50.62	48.25 2.41 -12.77	33.52 2.22 -1.73
BARRETT_IC_12 23703	25.98 2.03 -0.01	22.02 1.72 0.00	19.44 1.49 -0.01	18.77 1.45 0.00	18.01 1.40 0.00	25.86 2.03 0.00	32.24 1.91 0.00	36.86 2.54 -0.02	40.06 2.86 -0.02	38.80 2.91 -0.02	48.93 2.71 -10.14	69.47 2.84 -30.68	82.18 2.78 -44.63	101.52 2.73 -64.74	71.85 2.58 -36.23	86.62 2.57 -51.94	81.01 2.83 -43.64	67.56 3.00 -26.61	67.22 2.87 -25.07	67.22 3.14 -22.23	75.30 3.37 -27.53	92.48 2.92 -50.62	48.25 2.41 -12.77	33.52 2.22 -1.73
BARRETT_IC_2 23705	25.98 2.03 -0.01	22.02 1.72 0.00	19.44 1.49 -0.01	18.77 1.45 0.00	18.01 1.40 0.00	25.86 2.03 0.00	32.24 1.91 0.00	36.86 2.54 -0.02	40.06 2.86 -0.02	38.80 2.91 -0.02	48.93 2.71 -10.14	69.47 2.84 -30.68	82.18 2.78 -44.63	101.52 2.73 -64.74	71.85 2.58 -36.23	86.62 2.57 -51.94	81.01 2.83 -43.64	67.56 3.00 -26.61	67.22 2.87 -25.07	67.22 3.14 -22.23	75.30 3.37 -27.53	92.48 2.92 -50.62	48.25 2.41 -12.77	33.52 2.22 -1.73
BARRETT_IC_3 23706	25.98 2.03 -0.01	22.02 1.72 0.00	19.44 1.49 -0.01	18.77 1.45 0.00	18.01 1.40 0.00	25.86 2.03 0.00	32.24 1.91 0.00	36.86 2.54 -0.02	40.06 2.86 -0.02	38.80 2.91 -0.02	48.93 2.71 -10.14	69.47 2.84 -30.68	82.18 2.78 -44.63	101.52 2.73 -64.74	71.85 2.58 -36.23	86.62 2.57 -51.94	81.01 2.83 -43.64	67.56 3.00 -26.61	67.22 2.87 -25.07	67.22 3.14 -22.23	75.30 3.37 -27.53	92.48 2.92 -50.62	48.25 2.41 -12.77	33.52 2.22 -1.73
BARRETT_IC_4 23707	25.98 2.03 -0.01	22.02 1.72 0.00	19.44 1.49 -0.01	18.77 1.45 0.00	18.01 1.40 0.00	25.86 2.03 0.00	32.24 1.91 0.00	36.86 2.54 -0.02	40.06 2.86 -0.02	38.80 2.91 -0.02	48.93 2.71 -10.14	69.47 2.84 -30.68	82.18 2.78 -44.63	101.52 2.73 -64.74	71.85 2.58 -36.23	86.62 2.57 -51.94	81.01 2.83 -43.64	67.56 3.00 -26.61	67.22 2.87 -25.07	67.22 3.14 -22.23	75.30 3.37 -27.53	92.48 2.92 -50.62	48.25 2.41 -12.77	33.52 2.22 -1.73
BARRETT_IC_5 23708	25.98 2.03 -0.01	22.02 1.72 0.00	19.44 1.49 -0.01	18.77 1.45 0.00	18.01 1.40 0.00	25.86 2.03 0.00	32.24 1.91 0.00	36.86 2.54 -0.02	40.06 2.86 -0.02	38.80 2.91 -0.02	48.93 2.71 -10.14	69.47 2.84 -30.68	82.18 2.78 -44.63	101.52 2.73 -64.74	71.85 2.58 -36.23	86.62 2.57 -51.94	81.01 2.83 -43.64	67.56 3.00 -26.61	67.22 2.87 -25.07	67.22 3.14 -22.23	75.30 3.37 -27.53	92.48 2.92 -50.62	48.25 2.41 -12.77	33.52 2.22 -1.73

BARRETT_IC_6 23709	25.98 2.03 -0.01	22.02 1.72 0.00	19.44 1.49 -0.01	18.77 1.45 0.00	18.01 1.40 0.00	25.86 2.03 0.00	32.24 1.91 0.00	36.86 2.54 -0.02	40.06 2.86 -0.02	38.80 2.91 -0.02	48.93 2.71 -10.14	69.47 2.84 -30.68	82.18 2.78 -44.63	101.52 2.73 -64.74	71.85 2.58 -36.23	86.62 2.57 -51.94	81.01 2.83 -43.64	67.56 3.00 -26.61	67.22 2.87 -25.07	67.22 3.14 -22.23	75.30 3.37 -27.53	92.48 2.92 -50.62	48.25 2.41 -12.77	33.52 2.22 -1.73
BARRETT_IC_7 23710	26.01 2.06 -0.01	22.02 1.73 0.00	19.53 1.58 -0.01	18.77 1.45 0.00	18.01 1.40 0.00	25.86 2.03 0.00	32.24 1.91 0.00	36.85 2.54 -0.01	40.05 2.86 -0.01	38.80 2.91 -0.01	48.97 2.74 -10.14	69.47 2.84 -30.68	82.18 2.78 -44.63	101.52 2.72 -64.74	71.85 2.58 -36.23	86.59 2.54 -51.94	80.98 2.80 -43.64	67.56 3.00 -26.61	67.22 2.87 -25.07	67.18 3.10 -22.23	75.26 3.33 -27.53	92.55 3.00 -50.62	48.25 2.41 -12.77	33.52 2.22 -1.73
BARRETT_IC_8 23711	25.98 2.03 -0.01	22.02 1.72 0.00	19.44 1.49 -0.01	18.77 1.45 0.00	18.01 1.40 0.00	25.86 2.03 0.00	32.24 1.91 0.00	36.86 2.54 -0.02	40.06 2.86 -0.02	38.80 2.91 -0.02	48.93 2.71 -10.14	69.47 2.84 -30.68	82.18 2.78 -44.63	101.52 2.73 -64.74	71.85 2.58 -36.23	86.62 2.57 -51.94	81.01 2.83 -43.64	67.56 3.00 -26.61	67.22 2.87 -25.07	67.22 3.14 -22.23	75.30 3.37 -27.53	92.48 2.92 -50.62	48.25 2.41 -12.77	33.52 2.22 -1.73
BARRETT_IC_9 23700	25.98 2.03 -0.01	22.02 1.72 0.00	19.44 1.49 -0.01	18.77 1.45 0.00	18.01 1.40 0.00	25.86 2.03 0.00	32.24 1.91 0.00	36.86 2.54 -0.02	40.06 2.86 -0.02	38.80 2.91 -0.02	48.93 2.71 -10.14	69.47 2.84 -30.68	82.18 2.78 -44.63	101.52 2.73 -64.74	71.85 2.58 -36.23	86.62 2.57 -51.94	81.01 2.83 -43.64	67.56 3.00 -26.61	67.22 2.87 -25.07	67.22 3.14 -22.23	75.30 3.37 -27.53	92.48 2.92 -50.62	48.25 2.41 -12.77	33.52 2.22 -1.73
BARRETT___1 23545	25.98 2.03 -0.01	22.02 1.72 0.00	19.44 1.49 -0.01	18.77 1.45 0.00	18.01 1.40 0.00	25.86 2.03 0.00	32.24 1.91 0.00	36.86 2.54 -0.02	40.06 2.86 -0.02	38.80 2.91 -0.02	48.93 2.71 -10.14	69.47 2.84 -30.68	82.18 2.78 -44.63	101.52 2.73 -64.74	71.85 2.58 -36.23	86.62 2.57 -51.94	81.01 2.83 -43.64	67.56 3.00 -26.61	67.22 2.87 -25.07	67.22 3.14 -22.23	75.30 3.37 -27.53	92.48 2.92 -50.62	48.25 2.41 -12.77	33.52 2.22 -1.73
BARRETT___2 23546	25.98 2.03 -0.01	22.02 1.72 0.00	19.44 1.49 -0.01	18.77 1.45 0.00	18.01 1.40 0.00	25.86 2.03 0.00	32.24 1.91 0.00	36.86 2.54 -0.02	40.06 2.86 -0.02	38.80 2.91 -0.02	48.93 2.71 -10.14	69.47 2.84 -30.68	82.18 2.78 -44.63	101.52 2.73 -64.74	71.85 2.58 -36.23	86.62 2.57 -51.94	81.01 2.83 -43.64	67.56 3.00 -26.61	67.22 2.87 -25.07	67.22 3.14 -22.23	75.30 3.37 -27.53	92.48 2.92 -50.62	48.25 2.41 -12.77	33.52 2.22 -1.73
BATAVIA__115KV_TB1 55881	23.10 -0.84 0.00	19.71 -0.59 0.00	17.22 -0.72 0.00	16.73 -0.59 0.00	16.03 -0.58 0.00	22.74 -1.10 0.00	28.79 -1.55 0.00	32.73 -1.58 0.00	35.06 -2.12 0.00	32.94 -2.94 0.00	33.09 -3.00 0.00	32.76 -3.20 0.00	31.95 -2.82 0.00	31.29 -2.76 0.00	30.60 -2.44 0.00	29.69 -2.41 0.01	32.01 -2.52 0.00	35.14 -2.81 0.00	36.93 -2.36 0.00	39.87 -1.97 0.01	42.44 -1.95 0.00	37.02 -1.91 0.00	31.51 -1.55 0.00	28.71 -0.86 0.00
BAYONEEC___CTG1 323682	25.66 1.72 0.00	21.80 1.50 0.00	19.21 1.27 0.00	18.56 1.25 0.00	17.83 1.21 0.00	25.48 1.64 0.00	32.00 1.67 0.00	36.50 2.20 0.00	39.71 2.53 0.00	38.65 2.76 0.00	38.79 2.71 0.00	38.72 2.77 0.00	37.51 2.75 0.00	36.74 2.69 0.00	35.65 2.61 0.00	34.67 2.57 0.01	37.33 2.80 0.00	41.02 3.07 0.00	42.24 2.95 0.00	44.94 3.10 0.01	47.68 3.29 0.00	41.66 2.72 0.00	35.28 2.22 0.00	31.58 2.01 0.00
BAYONEEC___CTG10 323750	25.66 1.72 0.00	21.80 1.50 0.00	19.21 1.27 0.00	18.56 1.25 0.00	17.83 1.21 0.00	25.48 1.64 0.00	32.00 1.67 0.00	36.50 2.20 0.00	39.71 2.53 0.00	38.65 2.76 0.00	38.79 2.71 0.00	38.72 2.77 0.00	37.51 2.75 0.00	36.74 2.69 0.00	35.65 2.61 0.00	34.67 2.57 0.01	37.33 2.80 0.00	41.02 3.07 0.00	42.24 2.95 0.00	44.94 3.10 0.01	47.68 3.29 0.00	41.66 2.72 0.00	35.28 2.22 0.00	31.58 2.01 0.00
BAYONEEC___CTG2 323683	25.66 1.72 0.00	21.80 1.50 0.00	19.21 1.27 0.00	18.56 1.25 0.00	17.83 1.21 0.00	25.48 1.64 0.00	32.00 1.67 0.00	36.50 2.20 0.00	39.71 2.53 0.00	38.65 2.76 0.00	38.79 2.71 0.00	38.72 2.77 0.00	37.51 2.75 0.00	36.74 2.69 0.00	35.65 2.61 0.00	34.67 2.57 0.01	37.33 2.80 0.00	41.02 3.07 0.00	42.24 2.95 0.00	44.94 3.10 0.01	47.68 3.29 0.00	41.66 2.72 0.00	35.28 2.22 0.00	31.58 2.01 0.00
BAYONEEC___CTG3 323684	25.66 1.72 0.00	21.80 1.50 0.00	19.21 1.27 0.00	18.56 1.25 0.00	17.83 1.21 0.00	25.48 1.64 0.00	32.00 1.67 0.00	36.50 2.20 0.00	39.71 2.53 0.00	38.65 2.76 0.00	38.79 2.71 0.00	38.72 2.77 0.00	37.51 2.75 0.00	36.74 2.69 0.00	35.65 2.61 0.00	34.67 2.57 0.01	37.33 2.80 0.00	41.02 3.07 0.00	42.24 2.95 0.00	44.94 3.10 0.01	47.68 3.29 0.00	41.66 2.72 0.00	35.28 2.22 0.00	31.58 2.01 0.00
BAYONEEC___CTG4 323685	25.66 1.72 0.00	21.80 1.50 0.00	19.21 1.27 0.00	18.56 1.25 0.00	17.83 1.21 0.00	25.48 1.64 0.00	32.00 1.67 0.00	36.50 2.20 0.00	39.71 2.53 0.00	38.65 2.76 0.00	38.79 2.71 0.00	38.72 2.77 0.00	37.51 2.75 0.00	36.74 2.69 0.00	35.65 2.61 0.00	34.67 2.57 0.01	37.33 2.80 0.00	41.02 3.07 0.00	42.24 2.95 0.00	44.94 3.10 0.01	47.68 3.29 0.00	41.66 2.72 0.00	35.28 2.22 0.00	31.58 2.01 0.00
BAYONEEC___CTG5 323686	25.66 1.72 0.00	21.80 1.50 0.00	19.21 1.27 0.00	18.56 1.25 0.00	17.83 1.21 0.00	25.48 1.64 0.00	32.00 1.67 0.00	36.50 2.20 0.00	39.71 2.53 0.00	38.65 2.76 0.00	38.79 2.71 0.00	38.72 2.77 0.00	37.51 2.75 0.00	36.74 2.69 0.00	35.65 2.61 0.00	34.67 2.57 0.01	37.33 2.80 0.00	41.02 3.07 0.00	42.24 2.95 0.00	44.94 3.10 0.01	47.68 3.29 0.00	41.66 2.72 0.00	35.28 2.22 0.00	31.58 2.01 0.00
BAYONEEC___CTG6 323687	25.66 1.72 0.00	21.80 1.50 0.00	19.21 1.27 0.00	18.56 1.25 0.00	17.83 1.21 0.00	25.48 1.64 0.00	32.00 1.67 0.00	36.50 2.20 0.00	39.71 2.53 0.00	38.65 2.76 0.00	38.79 2.71 0.00	38.72 2.77 0.00	37.51 2.75 0.00	36.74 2.69 0.00	35.65 2.61 0.00	34.67 2.57 0.01	37.33 2.80 0.00	41.02 3.07 0.00	42.24 2.95 0.00	44.94 3.10 0.01	47.68 3.29 0.00	41.66 2.72 0.00	35.28 2.22 0.00	31.58 2.01 0.00
BAYONEEC___CTG7 323688	25.66 1.72 0.00	21.80 1.50 0.00	19.21 1.27 0.00	18.56 1.25 0.00	17.83 1.21 0.00	25.48 1.64 0.00	32.00 1.67 0.00	36.50 2.20 0.00	39.71 2.53 0.00	38.65 2.76 0.00	38.79 2.71 0.00	38.72 2.77 0.00	37.51 2.75 0.00	36.74 2.69 0.00	35.65 2.61 0.00	34.67 2.57 0.01	37.33 2.80 0.00	41.02 3.07 0.00	42.24 2.95 0.00	44.94 3.10 0.01	47.68 3.29 0.00	41.66 2.72 0.00	35.28 2.22 0.00	31.58 2.01 0.00

BAYONEEC___CTG8 323689	25.66 1.72 0.00	21.80 1.50 0.00	19.21 1.27 0.00	18.56 1.25 0.00	17.83 1.21 0.00	25.48 1.64 0.00	32.00 1.67 0.00	36.50 2.20 0.00	39.71 2.53 0.00	38.65 2.76 0.00	38.79 2.71 0.00	38.72 2.77 0.00	37.51 2.75 0.00	36.74 2.69 0.00	35.65 2.61 0.00	34.67 2.57 0.01	37.33 2.80 0.00	41.02 3.07 0.00	42.24 2.95 0.00	44.94 3.10 0.01	47.68 3.29 0.00	41.66 2.72 0.00	35.28 2.22 0.00	31.58 2.01 0.00
BAYONEEC___CTG9 323749	25.66 1.72 0.00	21.80 1.50 0.00	19.21 1.27 0.00	18.56 1.25 0.00	17.83 1.21 0.00	25.48 1.64 0.00	32.00 1.67 0.00	36.50 2.20 0.00	39.71 2.53 0.00	38.65 2.76 0.00	38.79 2.71 0.00	38.72 2.77 0.00	37.51 2.75 0.00	36.74 2.69 0.00	35.65 2.61 0.00	34.67 2.57 0.01	37.33 2.80 0.00	41.02 3.07 0.00	42.24 2.95 0.00	44.94 3.10 0.01	47.68 3.29 0.00	41.66 2.72 0.00	35.28 2.22 0.00	31.58 2.01 0.00
BEACON___LESR 323632	24.99 1.05 0.00	21.23 0.93 0.00	18.75 0.81 0.00	18.10 0.78 0.00	17.34 0.73 0.00	24.82 0.98 0.00	31.09 0.76 0.00	35.13 0.82 0.00	38.18 1.00 0.00	36.85 0.97 0.00	37.06 0.97 0.00	36.93 0.97 0.00	35.63 0.87 0.00	34.97 0.92 0.00	33.93 0.89 0.00	33.03 0.93 0.01	35.47 0.93 0.00	39.01 1.06 0.00	40.27 0.98 0.00	42.89 1.05 0.01	45.46 1.06 0.00	40.02 1.09 0.00	34.09 1.03 0.00	30.67 1.09 0.00
BEAVER RIVER___HYD 24048	23.65 -0.29 0.00	19.99 -0.30 0.00	17.65 -0.29 0.00	17.02 -0.29 0.00	16.38 -0.23 0.00	23.67 -0.17 0.00	30.15 -0.18 0.00	33.93 -0.38 0.00	36.70 -0.48 0.00	35.24 -0.64 0.00	35.51 -0.58 0.00	35.31 -0.65 0.00	34.03 -0.73 0.00	33.27 -0.78 0.00	32.28 -0.76 0.00	31.43 -0.68 0.00	33.88 -0.66 0.00	37.50 -0.45 0.00	39.13 -0.16 0.00	41.85 0.00 0.01	44.49 0.09 0.00	38.89 -0.04 0.00	32.70 -0.36 0.00	29.16 -0.41 0.00
BEEBEE_GT_13 23619	23.20 -0.74 0.00	19.73 -0.57 0.00	17.31 -0.63 0.00	16.76 -0.55 0.00	16.08 -0.53 0.00	22.88 -0.95 0.00	28.97 -1.36 0.00	32.79 -1.51 0.00	35.32 -1.86 0.00	33.55 -2.33 0.00	33.78 -2.31 0.00	33.51 -2.44 0.00	32.61 -2.16 0.00	31.94 -2.11 0.00	31.16 -1.88 0.00	30.24 -1.86 0.01	32.57 -1.97 0.00	35.71 -2.24 0.00	37.28 -2.00 0.00	40.04 -1.80 0.01	42.53 -1.86 0.00	37.18 -1.75 0.00	31.61 -1.45 0.00	28.74 -0.83 0.00
BENSHRST_27_KV_BENSHRST_1 355998	25.95 2.01 0.00	22.02 1.73 0.00	19.45 1.51 0.00	18.74 1.42 0.00	18.01 1.40 0.00	25.67 1.84 0.00	32.21 1.88 0.00	36.81 2.50 0.00	40.08 2.90 0.00	39.04 3.16 0.00	39.15 3.07 0.00	39.08 3.13 0.00	37.86 3.09 0.00	37.08 3.03 0.00	35.98 2.94 0.00	35.06 2.95 0.01	37.78 3.25 0.00	41.52 3.57 0.00	42.82 3.54 0.00	45.53 3.68 0.01	48.26 3.86 0.00	42.12 3.19 0.00	35.61 2.55 0.00	31.88 2.31 0.00
BETHLEHEM___GRP 23843	24.68 0.74 0.00	20.97 0.67 0.00	18.55 0.61 0.00	17.89 0.57 0.00	17.15 0.53 0.00	24.50 0.67 0.00	30.64 0.30 0.00	34.61 0.31 0.00	37.59 0.41 0.00	36.31 0.43 0.00	36.48 0.40 0.00	36.35 0.40 0.00	35.15 0.38 0.00	34.46 0.41 0.00	33.44 0.40 0.00	32.55 0.45 0.01	34.95 0.41 0.00	38.45 0.49 0.00	39.64 0.35 0.00	42.14 0.29 0.01	44.71 0.31 0.00	39.36 0.43 0.00	33.56 0.50 0.00	30.22 0.65 0.00
BETHLEHEM___GS1 323560	24.68 0.74 0.00	20.97 0.67 0.00	18.53 0.59 0.00	17.89 0.57 0.00	17.15 0.53 0.00	24.50 0.67 0.00	30.64 0.30 0.00	34.61 0.31 0.00	37.59 0.41 0.00	36.32 0.43 0.00	36.45 0.36 0.00	36.35 0.40 0.00	35.15 0.38 0.00	34.46 0.41 0.00	33.44 0.40 0.00	32.55 0.45 0.01	34.95 0.42 0.00	38.44 0.49 0.00	39.64 0.35 0.00	42.18 0.33 0.01	44.75 0.35 0.00	39.36 0.43 0.00	33.56 0.50 0.00	30.22 0.65 0.00
BETHLEHEM___GS2 323561	24.68 0.74 0.00	20.97 0.67 0.00	18.53 0.59 0.00	17.89 0.57 0.00	17.15 0.53 0.00	24.50 0.67 0.00	30.64 0.30 0.00	34.61 0.31 0.00	37.59 0.41 0.00	36.32 0.43 0.00	36.45 0.36 0.00	36.35 0.40 0.00	35.15 0.38 0.00	34.46 0.41 0.00	33.44 0.40 0.00	32.55 0.45 0.01	34.95 0.42 0.00	38.44 0.49 0.00	39.64 0.35 0.00	42.18 0.33 0.01	44.75 0.35 0.00	39.36 0.43 0.00	33.56 0.50 0.00	30.22 0.65 0.00
BETHLEHEM___GS3 323562	24.68 0.74 0.00	20.97 0.67 0.00	18.53 0.59 0.00	17.89 0.57 0.00	17.15 0.53 0.00	24.50 0.67 0.00	30.64 0.30 0.00	34.61 0.31 0.00	37.59 0.41 0.00	36.32 0.43 0.00	36.45 0.36 0.00	36.35 0.40 0.00	35.15 0.38 0.00	34.46 0.41 0.00	33.44 0.40 0.00	32.55 0.45 0.01	34.95 0.42 0.00	38.44 0.49 0.00	39.64 0.35 0.00	42.18 0.33 0.01	44.75 0.35 0.00	39.36 0.43 0.00	33.56 0.50 0.00	30.22 0.65 0.00
BETHLEHEM___STEEL 23779	22.79 -1.15 0.00	19.45 -0.85 0.00	16.97 -0.97 0.00	16.45 -0.87 0.00	15.80 -0.81 0.00	22.41 -1.43 0.00	28.33 -2.00 0.00	32.21 -2.09 0.00	34.32 -2.86 0.00	32.37 -3.52 0.00	32.48 -3.61 0.00	32.14 -3.81 0.00	31.22 -3.55 0.00	30.68 -3.37 0.00	29.97 -3.07 0.00	29.05 -3.05 0.01	31.32 -3.21 0.00	34.23 -3.72 0.00	35.99 -3.30 0.00	38.83 -3.01 0.01	41.42 -2.97 0.00	36.25 -2.69 0.00	30.92 -2.15 0.00	28.24 -1.33 0.00
BETHLHEM_115KV_TB1 79974	24.68 0.74 0.00	20.97 0.67 0.00	18.55 0.61 0.00	17.89 0.57 0.00	17.15 0.53 0.00	24.53 0.69 0.00	30.70 0.36 0.00	34.68 0.38 0.00	37.66 0.48 0.00	36.39 0.50 0.00	36.56 0.47 0.00	36.42 0.47 0.00	35.22 0.45 0.00	34.53 0.48 0.00	33.50 0.46 0.00	32.58 0.48 0.01	35.02 0.48 0.00	38.52 0.57 0.00	39.72 0.43 0.00	42.26 0.42 0.01	44.84 0.44 0.00	39.44 0.51 0.00	33.63 0.56 0.00	30.25 0.68 0.00
BETHPAGE_CC_5 323564	26.03 2.08 -0.01	22.04 1.75 0.00	19.46 1.51 -0.01	18.79 1.47 0.00	18.03 1.41 0.00	25.89 2.05 0.00	32.28 1.94 0.00	36.92 2.61 -0.01	40.05 2.86 -0.01	38.87 2.98 -0.01	39.84 2.82 -0.93	41.68 2.91 -2.81	41.73 2.88 -4.08	42.93 2.82 -6.05	42.38 2.71 -6.63	44.03 2.66 -9.26	43.31 2.93 -5.85	43.54 3.15 -2.44	44.65 3.07 -2.30	47.15 3.27 -2.03	50.38 3.47 -2.52	46.54 3.00 -4.61	40.36 2.65 -4.65	34.08 2.48 -2.02
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	22.81 -1.13 0.00	19.47 -0.83 0.00	16.99 -0.95 0.00	16.48 -0.83 0.00	15.82 -0.80 0.00	22.45 -1.38 0.00	28.39 -1.94 0.00	32.31 -1.99 0.00	34.43 -2.75 0.00	32.47 -3.41 0.00	32.59 -3.50 0.00	32.25 -3.70 0.00	31.32 -3.44 0.00	30.75 -3.30 0.00	30.03 -3.01 0.00	29.11 -2.99 0.01	31.39 -3.14 0.00	34.31 -3.64 0.00	36.11 -3.18 0.00	38.95 -2.89 0.01	41.56 -2.84 0.00	36.36 -2.57 0.00	30.98 -2.08 0.00	28.30 -1.27 0.00
BINGHAMTON___COGEN 23790	24.03 0.10 0.00	20.40 0.10 0.00	17.98 0.04 0.00	17.35 0.03 0.00	16.68 0.07 0.00	23.81 -0.02 0.00	30.15 -0.18 0.00	34.17 -0.14 0.00	36.85 -0.33 0.00	35.31 -0.57 0.00	35.55 -0.54 0.00	35.31 -0.65 0.00	34.14 -0.63 0.00	33.47 -0.58 0.00	32.51 -0.53 0.00	31.55 -0.55 0.01	34.05 -0.48 0.00	37.38 -0.57 0.00	38.86 -0.43 0.00	41.59 -0.25 0.01	44.26 -0.13 0.00	38.82 -0.12 0.00	32.87 -0.20 0.00	29.69 0.12 0.00

BIXINCNT_115KV_LOAD 355685	22.45 -1.48 0.00	19.20 -1.10 0.00	16.85 -1.09 0.00	16.40 -0.92 0.00	15.77 -0.85 0.00	22.48 -1.36 0.00	28.48 -1.85 0.00	32.52 -1.78 0.00	34.58 -2.60 0.00	32.58 -3.30 0.00	32.73 -3.36 0.00	32.36 -3.60 0.00	31.43 -3.34 0.00	30.82 -3.24 0.00	30.00 -3.04 0.00	29.05 -3.05 0.01	31.29 -3.25 0.00	34.19 -3.76 0.00	36.11 -3.18 0.00	39.08 -2.76 0.01	41.87 -2.53 0.00	36.67 -2.26 0.00	31.18 -1.88 0.00	28.48 -1.09 0.00
BLACK RIVER___HYD 24047	24.03 0.10 0.00	20.32 0.02 0.00	17.94 0.00 0.00	17.28 -0.03 0.00	16.66 0.05 0.00	24.10 0.26 0.00	30.55 0.21 0.00	34.27 -0.03 0.00	37.03 -0.15 0.00	35.45 -0.43 0.00	35.84 -0.25 0.00	35.53 -0.43 0.00	34.17 -0.59 0.00	33.37 -0.68 0.00	32.41 -0.63 0.00	31.59 -0.51 0.00	34.02 -0.52 0.00	37.73 -0.23 0.00	39.53 0.24 0.00	42.43 0.59 0.01	45.24 0.84 0.00	39.52 0.58 0.00	33.23 0.17 0.00	29.72 0.15 0.00
BLACKRVR_115KV_TB2 79977	24.03 0.10 0.00	20.32 0.02 0.00	17.92 -0.02 0.00	17.28 -0.03 0.00	16.66 0.05 0.00	24.10 0.26 0.00	30.55 0.21 0.00	34.27 -0.03 0.00	37.03 -0.15 0.00	35.45 -0.43 0.00	35.80 -0.29 0.00	35.52 -0.43 0.00	34.17 -0.59 0.00	33.37 -0.68 0.00	32.41 -0.63 0.00	31.59 -0.51 0.00	34.02 -0.52 0.00	37.72 -0.23 0.00	39.52 0.24 0.00	42.43 0.59 0.01	45.24 0.84 0.00	39.52 0.58 0.00	33.23 0.17 0.00	29.72 0.15 0.00
BLDWN_LI_69_KV_BK4 356085	26.10 2.15 -0.01	22.11 1.81 0.00	19.60 1.65 -0.01	18.82 1.51 0.00	18.06 1.45 0.00	25.94 2.10 0.00	32.33 2.00 0.00	37.03 2.71 -0.01	40.20 3.01 -0.01	38.98 3.09 -0.01	42.40 2.96 -3.35	49.09 3.02 -10.12	52.47 2.99 -14.72	58.45 2.93 -21.47	50.82 2.81 -14.97	56.11 2.76 -21.24	53.65 3.04 -16.08	50.03 3.30 -8.78	50.82 3.26 -8.27	52.65 3.47 -7.33	57.21 3.73 -9.08	58.88 3.27 -16.68	43.16 2.71 -7.39	34.30 2.45 -2.27
BLISS_WT_PWR 323608	22.31 -1.63 0.00	19.06 -1.24 0.00	16.87 -1.08 0.00	16.33 -0.99 0.00	15.72 -0.90 0.00	22.41 -1.43 0.00	28.39 -1.94 0.00	32.42 -1.89 0.00	34.47 -2.71 0.00	32.47 -3.41 0.00	32.80 -3.28 0.00	32.25 -3.70 0.00	31.39 -3.37 0.00	30.75 -3.30 0.00	29.90 -3.14 0.00	28.92 -3.18 0.01	31.11 -3.42 0.00	34.04 -3.91 0.00	35.99 -3.30 0.00	38.91 -2.93 0.01	41.69 -2.71 0.00	36.64 -2.30 0.00	31.15 -1.92 0.00	28.42 -1.15 0.00
BLUESTONE___WT_PWR 323821	25.04 1.10 0.00	21.23 0.93 0.00	18.73 0.79 0.00	18.06 0.74 0.00	17.43 0.81 0.00	25.05 1.22 0.00	31.64 1.30 0.00	35.98 1.68 0.00	39.11 1.93 0.00	37.61 1.72 0.00	37.96 1.88 0.00	37.68 1.73 0.00	36.36 1.60 0.00	35.52 1.46 0.00	34.46 1.42 0.00	33.51 1.41 0.01	35.85 1.31 0.00	39.58 1.63 0.00	41.25 1.96 0.00	44.23 2.38 0.01	47.06 2.66 0.00	41.15 2.22 0.00	34.72 1.65 0.00	31.26 1.68 0.00
BLUE_CIRC_CHEM_DRP 24182	24.80 0.86 0.00	21.07 0.77 0.00	18.64 0.70 0.00	17.97 0.66 0.00	17.23 0.61 0.00	24.65 0.81 0.00	30.94 0.61 0.00	34.96 0.65 0.00	37.96 0.78 0.00	36.64 0.75 0.00	36.81 0.72 0.00	36.67 0.72 0.00	35.42 0.66 0.00	34.73 0.68 0.00	33.70 0.66 0.00	32.78 0.67 0.01	35.22 0.69 0.00	38.75 0.80 0.00	40.00 0.71 0.00	42.64 0.80 0.01	45.24 0.84 0.00	39.79 0.86 0.00	33.89 0.83 0.00	30.52 0.95 0.00
BOC_GAS_DRP 24189	24.66 0.72 0.00	20.95 0.65 0.00	18.53 0.59 0.00	17.87 0.55 0.00	17.15 0.53 0.00	24.50 0.67 0.00	30.82 0.49 0.00	34.85 0.55 0.00	37.81 0.63 0.00	36.56 0.68 0.00	36.74 0.65 0.00	36.60 0.65 0.00	35.39 0.63 0.00	34.70 0.65 0.00	33.67 0.63 0.00	32.74 0.64 0.01	35.19 0.66 0.00	38.71 0.76 0.00	39.96 0.67 0.00	42.55 0.71 0.01	45.15 0.75 0.00	39.63 0.70 0.00	33.76 0.69 0.00	30.34 0.77 0.00
BOONVILLE_115KV_TB1 79983	24.30 0.36 0.00	20.58 0.28 0.00	18.16 0.22 0.00	17.51 0.19 0.00	16.85 0.23 0.00	24.27 0.43 0.00	30.73 0.39 0.00	34.61 0.31 0.00	37.59 0.41 0.00	36.13 0.25 0.00	36.45 0.36 0.00	36.24 0.29 0.00	34.94 0.17 0.00	34.19 0.14 0.00	33.17 0.13 0.00	32.26 0.16 0.01	34.74 0.21 0.00	38.37 0.42 0.00	39.88 0.59 0.00	42.60 0.75 0.01	45.28 0.89 0.00	39.63 0.70 0.00	33.43 0.36 0.00	30.01 0.44 0.00
BORALEX_4TH_BRANCH 23824	25.33 1.39 0.00	21.48 1.18 0.00	18.98 1.04 0.00	18.32 1.00 0.00	17.58 0.96 0.00	25.17 1.33 0.00	31.70 1.36 0.00	35.78 1.48 0.00	38.85 1.67 0.00	37.50 1.61 0.00	37.71 1.62 0.00	37.57 1.62 0.00	36.29 1.53 0.00	35.59 1.53 0.00	34.49 1.45 0.00	33.55 1.44 0.01	36.02 1.48 0.00	39.70 1.75 0.00	40.98 1.69 0.00	43.73 1.88 0.01	46.39 2.00 0.00	40.72 1.79 0.00	34.92 1.85 0.00	31.40 1.83 0.00
BOWLINE___1 23526	25.21 1.27 0.00	21.39 1.10 0.00	18.87 0.93 0.00	18.25 0.93 0.00	17.53 0.91 0.00	25.05 1.22 0.00	31.46 1.12 0.00	35.81 1.51 0.00	38.93 1.75 0.00	37.86 1.97 0.00	37.96 1.88 0.00	37.90 1.94 0.00	36.67 1.91 0.00	35.96 1.91 0.00	34.89 1.85 0.00	33.93 1.83 0.01	36.57 2.04 0.00	40.11 2.16 0.00	41.33 2.04 0.00	44.02 2.17 0.01	46.79 2.40 0.00	40.96 2.02 0.00	34.62 1.55 0.00	30.99 1.42 0.00
BOWLINE___2 23595	25.23 1.29 0.00	21.41 1.12 0.00	18.89 0.95 0.00	18.25 0.93 0.00	17.53 0.91 0.00	25.05 1.22 0.00	31.46 1.12 0.00	35.81 1.51 0.00	38.97 1.78 0.00	37.86 1.97 0.00	37.96 1.88 0.00	37.90 1.94 0.00	36.71 1.95 0.00	35.96 1.91 0.00	34.89 1.85 0.00	33.96 1.86 0.01	36.57 2.04 0.00	40.11 2.16 0.00	41.33 2.04 0.00	44.06 2.22 0.01	46.79 2.40 0.00	40.96 2.02 0.00	34.62 1.55 0.00	30.99 1.42 0.00
BRADY___115KV_TB2 356060	23.51 -0.43 0.00	19.93 -0.37 0.00	17.64 -0.30 0.00	17.04 -0.28 0.00	16.28 -0.33 0.00	23.65 -0.19 0.00	30.76 0.42 0.00	34.78 0.48 0.00	37.55 0.37 0.00	36.21 0.32 0.00	36.38 0.29 0.00	36.28 0.32 0.00	35.01 0.24 0.00	34.26 0.20 0.00	33.21 0.17 0.00	32.33 0.22 0.00	34.88 0.35 0.00	38.41 0.46 0.00	40.00 0.71 0.00	42.52 0.67 0.00	44.97 0.58 0.00	39.52 0.58 0.00	33.43 0.36 0.00	29.31 -0.27 0.00
BRANSCOMB___SOLAR 323811	25.18 1.24 0.00	21.33 1.03 0.00	18.84 0.90 0.00	18.18 0.87 0.00	17.46 0.85 0.00	25.01 1.17 0.00	31.51 1.18 0.00	35.68 1.37 0.00	38.78 1.60 0.00	37.35 1.47 0.00	37.60 1.52 0.00	37.43 1.47 0.00	36.08 1.32 0.00	35.42 1.36 0.00	34.30 1.26 0.00	33.39 1.29 0.01	35.85 1.31 0.00	39.51 1.56 0.00	40.86 1.57 0.00	43.73 1.89 0.01	46.35 1.95 0.00	40.72 1.79 0.00	34.65 1.59 0.00	31.14 1.57 0.00
BRDGHMPT_69_KV_BK1 55812	26.53 2.59 -0.01	22.39 2.09 0.00	20.03 2.08 -0.01	19.19 1.87 0.00	18.36 1.74 0.00	26.34 2.50 0.00	32.40 2.06 0.00	37.23 2.92 -0.01	40.39 3.20 -0.01	39.27 3.37 -0.01	39.50 3.03 -0.38	40.29 3.20 -1.13	39.64 3.23 -1.64	39.75 3.20 -2.50	40.36 3.04 -4.28	40.98 2.95 -5.92	41.10 3.32 -3.25	42.62 3.68 -0.98	44.03 3.81 -0.93	46.64 3.98 -0.81	49.50 4.08 -1.02	44.28 3.50 -1.85	39.71 3.08 -3.57	34.16 2.87 -1.72



BRENTWOD_69_KV_W. BRTWOOD 56703	26.32 2.37 -0.01	22.25 1.95 0.00	19.78 1.83 -0.01	18.98 1.66 0.00	18.21 1.59 0.00	26.17 2.34 0.00	32.52 2.18 0.00	37.16 2.85 -0.01	40.31 3.12 -0.01	39.16 3.27 -0.01	39.50 2.96 -0.45	40.54 3.24 -1.35	39.92 3.20 -1.96	40.14 3.13 -2.95	40.72 3.11 -4.57	41.48 3.05 -6.32	41.49 3.38 -3.58	42.76 3.64 -1.17	44.00 3.61 -1.10	46.63 3.81 -0.97	49.65 4.04 -1.21	44.60 3.46 -2.20	39.80 3.04 -3.69	34.04 2.72 -1.75
BRISTLHL_115KV_TB1 79998	23.51 -0.43 0.00	19.95 -0.35 0.00	17.62 -0.32 0.00	16.99 -0.33 0.00	16.32 -0.30 0.00	23.36 -0.48 0.00	29.64 -0.70 0.00	33.34 -0.96 0.00	36.07 -1.12 0.00	34.66 -1.22 0.00	34.90 -1.19 0.00	34.73 -1.22 0.00	33.51 -1.25 0.00	32.83 -1.23 0.00	31.88 -1.16 0.00	30.92 -1.19 0.00	33.22 -1.31 0.00	36.55 -1.40 0.00	37.99 -1.30 0.00	40.60 -1.26 0.00	43.11 -1.29 0.00	37.76 -1.17 0.00	32.11 -0.96 0.00	29.04 -0.53 0.00
BROOKHAVEN___DRP 24191	26.22 2.27 -0.01	22.15 1.85 0.00	19.80 1.85 -0.01	18.98 1.66 0.00	18.19 1.58 0.00	26.15 2.31 0.00	32.27 1.94 0.00	37.02 2.71 -0.01	40.20 3.01 -0.01	39.05 3.16 -0.01	39.39 2.92 -0.38	40.17 3.09 -1.13	39.46 3.06 -1.64	39.54 3.00 -2.49	40.23 2.91 -4.28	40.88 2.86 -5.91	40.96 3.18 -3.25	42.42 3.49 -0.98	43.67 3.46 -0.92	46.30 3.64 -0.81	49.23 3.82 -1.01	44.08 3.31 -1.84	39.51 2.88 -3.56	33.87 2.57 -1.72
BROOKLYN_NAVY_YARD 23515	25.55 1.63 0.02	21.74 1.44 0.00	19.16 1.22 0.00	18.49 1.18 0.00	17.78 1.16 0.00	25.40 1.57 0.01	31.86 1.55 0.02	36.38 2.09 0.02	39.58 2.42 0.02	38.52 2.66 0.02	38.63 2.56 0.02	38.60 2.66 0.02	37.40 2.64 0.00	36.59 2.56 0.02	35.52 2.48 0.00	34.58 2.47 0.01	37.23 2.70 0.00	40.90 2.96 0.02	42.10 2.83 0.02	44.80 2.97 0.03	47.53 3.15 0.02	41.52 2.61 0.02	35.14 2.08 0.01	31.48 1.92 0.01
BROOKLYN___ARMY_DRP 323595	25.88 1.94 0.00	21.96 1.66 0.00	19.39 1.45 0.00	18.68 1.37 0.00	17.96 1.35 0.00	25.60 1.76 0.00	32.09 1.76 0.00	36.67 2.37 0.00	39.93 2.75 0.00	38.90 3.01 0.00	39.05 2.96 0.00	38.94 2.98 0.00	37.72 2.95 0.00	36.95 2.89 0.00	35.85 2.81 0.00	34.93 2.83 0.01	37.64 3.11 0.00	41.37 3.42 0.00	42.67 3.38 0.00	45.32 3.47 0.01	48.08 3.68 0.00	41.97 3.04 0.00	35.48 2.41 0.00	31.76 2.19 0.00
BROOME_2_LFGE 323671	24.03 0.10 0.00	20.40 0.10 0.00	17.99 0.05 0.00	17.35 0.03 0.00	16.68 0.07 0.00	23.81 -0.02 0.00	30.15 -0.18 0.00	34.13 -0.17 0.00	36.85 -0.34 0.00	35.31 -0.58 0.00	35.58 -0.51 0.00	35.31 -0.65 0.00	34.14 -0.62 0.00	33.47 -0.58 0.00	32.51 -0.53 0.00	31.55 -0.55 0.01	34.05 -0.48 0.00	37.38 -0.57 0.00	38.86 -0.43 0.00	41.59 -0.25 0.01	44.22 -0.18 0.00	38.82 -0.12 0.00	32.87 -0.20 0.00	29.69 0.12 0.00
BROOME___LFGE 323600	24.03 0.10 0.00	20.40 0.10 0.00	17.99 0.05 0.00	17.35 0.03 0.00	16.68 0.07 0.00	23.81 -0.02 0.00	30.15 -0.18 0.00	34.13 -0.17 0.00	36.85 -0.34 0.00	35.31 -0.58 0.00	35.58 -0.51 0.00	35.31 -0.65 0.00	34.14 -0.62 0.00	33.47 -0.58 0.00	32.51 -0.53 0.00	31.55 -0.55 0.01	34.05 -0.48 0.00	37.38 -0.57 0.00	38.86 -0.43 0.00	41.59 -0.25 0.01	44.22 -0.18 0.00	38.82 -0.12 0.00	32.87 -0.20 0.00	29.69 0.12 0.00
BROWNFLS_115KV_TB_3_5 80003	23.12 -0.81 0.00	19.59 -0.71 0.00	17.30 -0.65 0.00	16.71 -0.61 0.00	16.02 -0.60 0.00	23.19 -0.64 0.00	29.85 -0.49 0.00	33.69 -0.62 0.00	36.47 -0.71 0.00	35.09 -0.79 0.00	35.33 -0.76 0.00	35.20 -0.76 0.00	33.93 -0.83 0.00	33.17 -0.89 0.00	32.18 -0.86 0.00	31.30 -0.80 0.00	33.74 -0.79 0.00	37.27 -0.68 0.00	38.82 -0.47 0.00	41.35 -0.50 0.01	43.86 -0.53 0.00	38.43 -0.51 0.00	32.37 -0.69 0.00	28.63 -0.95 0.00
BROWNSV1_27_KV_LOAD 356125	25.83 1.89 0.00	21.92 1.62 0.00	19.38 1.44 0.00	18.67 1.35 0.00	17.93 1.31 0.00	25.65 1.81 0.00	32.21 1.88 0.00	36.77 2.47 0.00	40.01 2.83 0.00	38.93 3.05 0.00	39.08 3.00 0.00	38.98 3.02 0.00	37.75 2.99 0.00	36.98 2.93 0.00	35.88 2.84 0.00	34.90 2.79 0.01	37.61 3.07 0.00	41.33 3.38 0.00	42.59 3.30 0.00	45.23 3.39 0.01	47.99 3.60 0.00	41.97 3.04 0.00	35.51 2.45 0.00	31.82 2.25 0.00
BURROWS___LYONSDAL 23803	24.15 0.22 0.00	20.44 0.14 0.00	18.03 0.09 0.00	17.39 0.07 0.00	16.73 0.12 0.00	24.12 0.29 0.00	30.55 0.21 0.00	34.41 0.10 0.00	37.37 0.19 0.00	35.88 0.00 0.00	36.20 0.11 0.00	35.99 0.04 0.00	34.73 -0.03 0.00	33.95 -0.10 0.00	32.94 -0.10 0.00	32.04 -0.06 0.01	34.53 0.00 0.00	38.14 0.19 0.00	39.68 0.39 0.00	42.43 0.59 0.01	45.06 0.67 0.00	39.44 0.51 0.00	33.23 0.17 0.00	29.78 0.21 0.00
CAITHNESS_CC_1 323624	26.17 2.23 -0.01	22.13 1.83 0.00	19.62 1.67 -0.01	18.93 1.61 0.00	18.16 1.55 0.00	26.10 2.27 0.00	32.24 1.91 0.00	36.99 2.68 -0.01	40.17 2.98 -0.01	38.98 3.09 -0.01	39.31 2.85 -0.38	40.13 3.05 -1.12	39.42 3.02 -1.63	39.49 2.96 -2.48	40.18 2.87 -4.27	40.87 2.86 -5.90	40.92 3.14 -3.24	42.34 3.42 -0.97	43.59 3.38 -0.92	46.26 3.60 -0.81	49.22 3.82 -1.01	44.03 3.27 -1.83	39.44 2.81 -3.56	33.84 2.54 -1.72
CALPINE BETH_PAGE_GT4 24209	26.08 2.13 -0.01	22.06 1.77 0.00	19.58 1.63 -0.01	18.81 1.49 0.00	18.04 1.43 0.00	25.91 2.07 0.00	32.30 1.97 0.00	36.99 2.68 -0.01	40.02 2.83 -0.01	38.84 2.94 -0.01	40.31 2.85 -1.37	43.01 2.91 -4.14	43.67 2.89 -6.02	45.74 2.83 -8.86	44.07 2.71 -8.32	46.44 2.67 -11.66	45.27 2.94 -7.80	44.69 3.15 -3.59	45.74 3.06 -3.38	48.07 3.22 -2.99	51.58 3.46 -3.72	48.77 3.04 -6.81	41.07 2.68 -5.32	34.22 2.48 -2.16
CALPINE_BETH_PAGE_GT_4 323586	26.06 2.11 -0.01	22.06 1.77 0.00	19.48 1.52 -0.01	18.81 1.49 0.00	18.04 1.43 0.00	25.91 2.07 0.00	32.30 1.97 0.00	36.99 2.68 -0.01	40.02 2.82 -0.01	38.84 2.94 -0.01	40.28 2.82 -1.37	43.01 2.91 -4.14	43.67 2.88 -6.02	45.74 2.82 -8.86	44.07 2.71 -8.32	46.47 2.70 -11.66	45.30 2.97 -7.80	44.69 3.15 -3.59	45.74 3.07 -3.38	48.11 3.27 -2.99	51.62 3.51 -3.72	48.74 3.00 -6.81	41.06 2.68 -5.32	34.22 2.48 -2.16
CALPINE_BP_GT1 23823	26.06 2.11 -0.01	22.06 1.77 0.00	19.48 1.52 -0.01	18.81 1.49 0.00	18.04 1.43 0.00	25.91 2.07 0.00	32.30 1.97 0.00	36.99 2.68 -0.01	40.02 2.82 -0.01	38.84 2.94 -0.01	40.28 2.82 -1.37	43.01 2.91 -4.14	43.67 2.88 -6.02	45.74 2.82 -8.86	44.07 2.71 -8.32	46.47 2.70 -11.66	45.30 2.97 -7.80	44.69 3.15 -3.59	45.74 3.07 -3.38	48.11 3.27 -2.99	51.62 3.51 -3.72	48.74 3.00 -6.81	41.06 2.68 -5.32	34.22 2.48 -2.16
CALSPAN___DRP 24200	22.79 -1.15 0.00	19.45 -0.85 0.00	16.97 -0.97 0.00	16.45 -0.87 0.00	15.80 -0.81 0.00	22.41 -1.43 0.00	28.33 -2.00 0.00	32.21 -2.09 0.00	34.32 -2.86 0.00	32.37 -3.52 0.00	32.48 -3.61 0.00	32.14 -3.81 0.00	31.22 -3.55 0.00	30.68 -3.37 0.00	29.97 -3.07 0.00	29.05 -3.05 0.01	31.32 -3.21 0.00	34.23 -3.72 0.00	35.99 -3.30 0.00	38.83 -3.01 0.01	41.42 -2.97 0.00	36.25 -2.69 0.00	30.92 -2.15 0.00	28.24 -1.33 0.00

CALVERTON___SOLAR 323806	26.27 2.32 -0.01	22.19 1.89 0.00	19.71 1.76 -0.01	19.03 1.71 0.00	18.24 1.63 0.00	26.22 2.38 0.00	32.33 2.00 0.00	37.09 2.78 -0.01	40.24 3.05 -0.01	39.08 3.19 -0.01	39.43 2.96 -0.38	40.21 3.13 -1.13	39.50 3.09 -1.64	39.61 3.07 -2.49	40.26 2.94 -4.28	40.94 2.92 -5.91	41.03 3.25 -3.25	42.50 3.57 -0.98	43.79 3.57 -0.92	46.47 3.81 -0.81	49.45 4.04 -1.01	44.20 3.43 -1.84	39.57 2.94 -3.56	33.96 2.66 -1.72
CANDIGU_WT_PWR 323617	23.10 -0.84 0.00	19.63 -0.67 0.00	17.28 -0.66 0.00	16.66 -0.66 0.00	16.02 -0.60 0.00	22.86 -0.98 0.00	29.06 -1.27 0.00	33.00 -1.30 0.00	35.17 -2.01 0.00	33.34 -2.55 0.00	33.60 -2.49 0.00	33.19 -2.77 0.00	32.12 -2.64 0.00	31.50 -2.55 0.00	30.66 -2.38 0.00	29.76 -2.34 0.01	32.05 -2.49 0.00	35.18 -2.77 0.00	36.89 -2.40 0.00	39.88 -1.97 0.01	42.49 -1.91 0.00	37.37 -1.56 0.00	31.71 -1.36 0.00	28.80 -0.77 0.00
CARR STREET_E_SYR 24060	23.79 -0.14 0.00	20.20 -0.10 0.00	17.83 -0.11 0.00	17.20 -0.12 0.00	16.52 -0.10 0.00	23.62 -0.21 0.00	29.94 -0.40 0.00	33.69 -0.62 0.00	36.33 -0.85 0.00	34.92 -0.97 0.00	35.19 -0.90 0.00	34.95 -1.01 0.00	33.75 -1.01 0.00	33.06 -0.99 0.00	32.12 -0.92 0.00	31.17 -0.93 0.01	33.53 -1.00 0.00	36.89 -1.06 0.00	38.31 -0.98 0.00	40.96 -0.88 0.01	43.46 -0.93 0.00	38.11 -0.82 0.00	32.40 -0.66 0.00	29.40 -0.18 0.00
CARTHAGE___PAPER 23857	23.79 -0.14 0.00	20.12 -0.18 0.00	17.76 -0.18 0.00	17.13 -0.19 0.00	16.48 -0.13 0.00	23.84 0.00 0.00	30.36 0.03 0.00	34.10 -0.20 0.00	36.88 -0.30 0.00	35.35 -0.54 0.00	35.62 -0.47 0.00	35.38 -0.58 0.00	34.07 -0.70 0.00	33.30 -0.75 0.00	32.31 -0.73 0.00	31.49 -0.61 0.00	33.95 -0.59 0.00	37.61 -0.34 0.00	39.37 0.08 0.00	42.18 0.33 0.01	44.89 0.49 0.00	39.21 0.27 0.00	32.97 -0.10 0.00	29.37 -0.21 0.00
CASSADAGA_WT_PWR 323784	22.19 -1.75 0.00	18.92 -1.38 0.00	16.67 -1.27 0.00	16.17 -1.14 0.00	15.63 -0.98 0.00	22.31 -1.53 0.00	28.39 -1.94 0.00	32.52 -1.79 0.00	34.65 -2.53 0.00	32.69 -3.19 0.00	33.02 -3.07 0.00	32.39 -3.56 0.00	31.43 -3.34 0.00	30.68 -3.37 0.00	29.80 -3.24 0.00	28.76 -3.34 0.01	30.94 -3.59 0.00	33.85 -4.10 0.00	35.67 -3.61 0.00	38.66 -3.18 0.01	41.38 -3.02 0.00	36.25 -2.69 0.00	30.78 -2.28 0.00	28.15 -1.42 0.00
CE_DUNWOOD___DRP 24194	25.52 1.58 0.00	21.66 1.36 0.00	19.14 1.20 0.00	18.46 1.14 0.00	17.73 1.11 0.00	25.36 1.53 0.00	31.79 1.46 0.00	36.29 1.99 0.00	39.45 2.27 0.00	38.39 2.51 0.00	38.54 2.45 0.00	38.44 2.48 0.00	37.23 2.47 0.00	36.47 2.42 0.00	35.39 2.35 0.00	34.41 2.31 0.01	37.05 2.52 0.00	40.72 2.77 0.00	41.96 2.67 0.00	44.65 2.80 0.01	47.37 2.97 0.00	41.42 2.49 0.00	35.08 2.02 0.00	31.43 1.86 0.00
CE_MILLWOOD___DRP 24193	25.47 1.53 0.00	21.62 1.32 0.00	19.11 1.17 0.00	18.42 1.11 0.00	17.69 1.08 0.00	25.29 1.45 0.00	31.73 1.40 0.00	36.19 1.89 0.00	39.37 2.19 0.00	38.29 2.40 0.00	38.43 2.35 0.00	38.33 2.37 0.00	37.13 2.36 0.00	36.37 2.32 0.00	35.29 2.25 0.00	34.32 2.22 0.01	36.99 2.45 0.00	40.61 2.66 0.00	41.84 2.55 0.00	44.52 2.68 0.01	47.24 2.84 0.00	41.35 2.41 0.00	34.98 1.92 0.00	31.35 1.77 0.00
CE_NYC2_DRP 24202	25.78 1.84 0.00	21.90 1.60 0.00	19.36 1.42 0.00	18.65 1.33 0.00	17.91 1.30 0.00	25.53 1.69 0.00	32.00 1.67 0.00	36.57 2.26 0.00	39.82 2.64 0.00	38.79 2.91 0.00	38.94 2.85 0.00	38.87 2.91 0.00	37.61 2.85 0.00	36.85 2.79 0.00	35.75 2.71 0.00	34.80 2.70 0.01	37.50 2.97 0.00	41.22 3.26 0.00	42.43 3.14 0.00	45.11 3.26 0.01	47.82 3.42 0.00	41.77 2.84 0.00	35.31 2.25 0.00	31.61 2.04 0.00
CE_NYC_DRP 24195	25.69 1.75 0.00	21.82 1.52 0.00	19.27 1.33 0.00	18.58 1.26 0.00	17.84 1.23 0.00	25.51 1.67 0.00	32.03 1.70 0.00	36.53 2.23 0.00	39.78 2.60 0.00	38.68 2.80 0.00	38.87 2.78 0.00	38.76 2.80 0.00	37.55 2.78 0.00	36.78 2.72 0.00	35.68 2.64 0.00	34.70 2.60 0.01	37.40 2.87 0.00	41.10 3.15 0.00	42.31 3.03 0.00	44.94 3.10 0.01	47.68 3.29 0.00	41.74 2.80 0.00	35.31 2.25 0.00	31.64 2.07 0.00
CHAFFEE___LFGE 323603	22.86 -1.08 0.00	19.49 -0.81 0.00	17.13 -0.81 0.00	16.50 -0.81 0.00	15.83 -0.78 0.00	22.48 -1.36 0.00	28.45 -1.88 0.00	32.38 -1.92 0.00	34.50 -2.68 0.00	32.51 -3.37 0.00	32.87 -3.21 0.00	32.25 -3.70 0.00	31.43 -3.34 0.00	30.82 -3.24 0.00	30.07 -2.97 0.00	29.15 -2.95 0.01	31.43 -3.11 0.00	34.42 -3.53 0.00	36.14 -3.14 0.00	38.95 -2.89 0.01	41.51 -2.89 0.00	36.40 -2.53 0.00	31.02 -2.05 0.00	28.33 -1.24 0.00
CHATEAUG_35_KV_LOAD 355732	23.43 -0.50 0.00	19.89 -0.41 0.00	17.64 -0.30 0.00	17.06 -0.26 0.00	16.30 -0.32 0.00	23.62 -0.21 0.00	30.67 0.33 0.00	34.72 0.41 0.00	37.59 0.41 0.00	36.28 0.39 0.00	36.48 0.40 0.00	36.39 0.43 0.00	35.15 0.38 0.00	34.36 0.31 0.00	33.27 0.23 0.00	32.36 0.26 0.00	34.91 0.38 0.00	38.37 0.42 0.00	39.76 0.47 0.00	42.06 0.21 0.00	44.53 0.13 0.00	38.89 -0.04 0.00	32.93 -0.13 0.00	29.01 -0.56 0.00
CHATEAUG_WT_PWR 323614	23.46 -0.48 0.00	19.89 -0.41 0.00	17.65 -0.29 0.00	17.07 -0.24 0.00	16.32 -0.30 0.00	23.62 -0.21 0.00	30.64 0.30 0.00	34.68 0.38 0.00	37.55 0.37 0.00	36.28 0.40 0.00	36.41 0.32 0.00	36.39 0.43 0.00	35.08 0.31 0.00	34.36 0.31 0.00	33.27 0.23 0.00	32.33 0.23 0.00	34.88 0.35 0.00	38.33 0.38 0.00	39.68 0.39 0.00	41.98 0.13 0.00	44.40 0.00 0.00	38.85 -0.08 0.00	32.93 -0.13 0.00	29.01 -0.56 0.00
CHAT_HIGH_FALL_HYD 323578	23.43 -0.50 0.00	19.89 -0.41 0.00	17.64 -0.30 0.00	17.06 -0.26 0.00	16.30 -0.32 0.00	23.62 -0.21 0.00	30.67 0.33 0.00	34.72 0.41 0.00	37.59 0.41 0.00	36.28 0.39 0.00	36.48 0.40 0.00	36.39 0.43 0.00	35.15 0.38 0.00	34.36 0.31 0.00	33.27 0.23 0.00	32.36 0.26 0.00	34.91 0.38 0.00	38.37 0.42 0.00	39.76 0.47 0.00	42.06 0.21 0.00	44.53 0.13 0.00	38.89 -0.04 0.00	32.93 -0.13 0.00	29.01 -0.56 0.00
CHAUTAUQUA___LFGE 323629	22.72 -1.22 0.00	19.35 -0.95 0.00	17.03 -0.91 0.00	16.45 -0.87 0.00	15.83 -0.78 0.00	22.53 -1.31 0.00	28.54 -1.79 0.00	32.56 -1.75 0.00	34.69 -2.49 0.00	32.69 -3.19 0.00	33.06 -3.03 0.00	32.43 -3.52 0.00	31.53 -3.23 0.00	30.89 -3.17 0.00	30.07 -2.97 0.00	29.11 -2.99 0.01	31.39 -3.14 0.00	34.31 -3.64 0.00	36.11 -3.18 0.00	38.95 -2.89 0.01	41.60 -2.80 0.00	36.48 -2.45 0.00	31.02 -2.05 0.00	28.36 -1.21 0.00
CHERRYST_13_KV_LD 356241	25.76 1.82 0.00	21.88 1.58 0.00	19.32 1.38 0.00	18.61 1.30 0.00	17.89 1.28 0.00	25.58 1.74 0.00	32.12 1.79 0.00	36.67 2.37 0.00	39.89 2.71 0.00	38.83 2.94 0.00	38.97 2.89 0.00	38.90 2.95 0.00	37.65 2.89 0.00	36.91 2.86 0.00	35.82 2.78 0.00	34.83 2.73 0.01	37.50 2.97 0.00	41.22 3.26 0.00	42.43 3.14 0.00	45.07 3.22 0.01	47.82 3.42 0.00	41.81 2.88 0.00	35.41 2.35 0.00	31.70 2.13 0.00

CHESTROR_138KV_BK263 355645	25.11 1.17 0.00	21.31 1.01 0.00	18.84 0.90 0.00	18.18 0.87 0.00	17.46 0.85 0.00	24.96 1.12 0.00	31.36 1.03 0.00	35.64 1.34 0.00	38.74 1.56 0.00	37.64 1.76 0.00	37.78 1.70 0.00	37.68 1.73 0.00	36.47 1.70 0.00	35.76 1.70 0.00	34.66 1.62 0.00	33.71 1.61 0.01	36.33 1.80 0.00	39.85 1.90 0.00	41.10 1.81 0.00	43.81 1.97 0.01	46.53 2.13 0.00	40.76 1.83 0.00	34.49 1.42 0.00	30.90 1.33 0.00
CH_MIDHUDSON___DRP 24192	25.42 1.48 0.00	21.58 1.28 0.00	19.05 1.11 0.00	18.39 1.07 0.00	17.64 1.03 0.00	25.27 1.43 0.00	31.67 1.33 0.00	36.05 1.75 0.00	39.19 2.01 0.00	38.11 2.22 0.00	38.25 2.17 0.00	38.15 2.19 0.00	36.92 2.16 0.00	36.16 2.11 0.00	35.09 2.05 0.00	34.13 2.02 0.01	36.78 2.24 0.00	40.38 2.43 0.00	41.65 2.36 0.00	44.35 2.51 0.01	47.10 2.71 0.00	41.23 2.30 0.00	34.88 1.82 0.00	31.29 1.72 0.00
CH_MISC_IPPS 23765	25.47 1.53 0.00	21.62 1.32 0.00	19.05 1.11 0.00	18.43 1.11 0.00	17.69 1.08 0.00	25.32 1.48 0.00	31.76 1.43 0.00	36.12 1.82 0.00	39.30 2.12 0.00	38.25 2.37 0.00	38.36 2.27 0.00	38.33 2.37 0.00	37.06 2.29 0.00	36.27 2.21 0.00	35.22 2.18 0.00	34.25 2.15 0.01	36.88 2.35 0.00	40.49 2.54 0.00	41.76 2.48 0.00	44.52 2.68 0.01	47.33 2.93 0.00	41.39 2.45 0.00	34.98 1.92 0.00	31.35 1.77 0.00
CH_RES_BVR_FALLS 23983	23.72 -0.22 0.00	20.10 -0.20 0.00	17.76 -0.18 0.00	17.14 -0.17 0.00	16.42 -0.20 0.00	23.58 -0.26 0.00	30.03 -0.30 0.00	33.96 -0.34 0.00	36.85 -0.34 0.00	35.56 -0.32 0.00	35.80 -0.29 0.00	35.67 -0.29 0.00	34.48 -0.28 0.00	33.82 -0.24 0.00	32.84 -0.20 0.00	31.91 -0.19 0.01	34.33 -0.21 0.00	37.73 -0.23 0.00	39.02 -0.27 0.00	41.55 -0.29 0.01	44.04 -0.36 0.00	38.58 -0.35 0.00	32.73 -0.33 0.00	29.28 -0.30 0.00
CH_RES_NIAGARA 23895	22.31 -1.63 0.00	19.10 -1.20 0.00	16.67 -1.27 0.00	16.14 -1.18 0.00	15.50 -1.11 0.00	21.84 -2.00 0.00	27.48 -2.85 0.00	31.11 -3.19 0.00	33.13 -4.05 0.00	31.22 -4.66 0.00	31.36 -4.73 0.00	31.07 -4.89 0.00	30.18 -4.59 0.00	29.66 -4.39 0.00	29.04 -4.00 0.00	28.18 -3.92 0.01	30.39 -4.14 0.00	33.21 -4.74 0.00	34.85 -4.44 0.00	37.53 -4.31 0.01	39.91 -4.48 0.00	34.96 -3.97 0.00	29.99 -3.08 0.00	27.50 -2.07 0.00
CH_RES_SYRACUSE 23985	23.79 -0.14 0.00	20.20 -0.10 0.00	17.83 -0.11 0.00	17.20 -0.12 0.00	16.52 -0.10 0.00	23.65 -0.19 0.00	30.00 -0.33 0.00	33.79 -0.51 0.00	36.55 -0.63 0.00	35.09 -0.79 0.00	35.40 -0.69 0.00	35.16 -0.79 0.00	33.97 -0.80 0.00	33.24 -0.82 0.00	32.28 -0.76 0.00	31.34 -0.77 0.00	33.70 -0.83 0.00	37.08 -0.87 0.00	38.54 -0.75 0.00	41.18 -0.67 0.00	43.68 -0.71 0.00	38.31 -0.62 0.00	32.50 -0.56 0.00	29.42 -0.15 0.00
CLINTON_WT_PWR 323605	23.46 -0.48 0.00	19.89 -0.41 0.00	17.65 -0.29 0.00	17.07 -0.24 0.00	16.32 -0.30 0.00	23.62 -0.21 0.00	30.64 0.30 0.00	34.68 0.38 0.00	37.55 0.37 0.00	36.28 0.40 0.00	36.41 0.32 0.00	36.39 0.43 0.00	35.08 0.31 0.00	34.36 0.31 0.00	33.27 0.23 0.00	32.33 0.23 0.00	34.88 0.35 0.00	38.33 0.38 0.00	39.68 0.39 0.00	41.98 0.13 0.00	44.40 0.00 0.00	38.85 -0.08 0.00	32.93 -0.13 0.00	29.01 -0.56 0.00
CLINTON___LFGE 323618	23.75 -0.19 0.00	20.16 -0.14 0.00	17.87 -0.07 0.00	17.30 -0.02 0.00	16.50 -0.12 0.00	23.93 0.10 0.00	31.09 0.76 0.00	35.23 0.93 0.00	38.11 0.93 0.00	36.78 0.90 0.00	36.88 0.79 0.00	36.85 0.90 0.00	35.53 0.76 0.00	34.84 0.78 0.00	33.70 0.66 0.00	32.75 0.64 0.00	35.36 0.83 0.00	38.86 0.91 0.00	40.27 0.98 0.00	42.60 0.75 0.00	45.20 0.80 0.00	39.44 0.50 0.00	33.36 0.30 0.00	29.40 -0.18 0.00
COBBLENY_34_KV_TB1 80064	22.84 -1.10 0.00	19.49 -0.81 0.00	17.01 -0.93 0.00	16.50 -0.81 0.00	15.83 -0.78 0.00	22.48 -1.36 0.00	28.42 -1.91 0.00	32.38 -1.92 0.00	34.50 -2.68 0.00	32.51 -3.37 0.00	32.62 -3.46 0.00	32.25 -3.70 0.00	31.36 -3.41 0.00	30.78 -3.27 0.00	30.07 -2.97 0.00	29.15 -2.95 0.01	31.43 -3.11 0.00	34.38 -3.57 0.00	36.15 -3.14 0.00	39.04 -2.80 0.01	41.64 -2.75 0.00	36.40 -2.53 0.00	31.02 -2.05 0.00	28.33 -1.24 0.00
COFFEEN___115KV_TB3 355620	24.18 0.24 0.00	20.44 0.14 0.00	18.01 0.07 0.00	17.37 0.05 0.00	16.76 0.15 0.00	24.24 0.41 0.00	30.70 0.36 0.00	34.41 0.10 0.00	37.14 -0.04 0.00	35.56 -0.32 0.00	35.91 -0.18 0.00	35.60 -0.36 0.00	34.21 -0.56 0.00	33.44 -0.61 0.00	32.45 -0.59 0.00	31.66 -0.45 0.00	34.12 -0.41 0.00	37.88 -0.08 0.00	39.76 0.47 0.00	42.73 0.88 0.01	45.55 1.15 0.00	39.79 0.86 0.00	33.43 0.36 0.00	29.90 0.33 0.00
COLDSPRG_115KV_BK1 355956	22.93 -1.01 0.00	19.57 -0.73 0.00	17.10 -0.84 0.00	16.64 -0.68 0.00	16.02 -0.60 0.00	22.86 -0.98 0.00	29.06 -1.27 0.00	33.24 -1.06 0.00	35.47 -1.71 0.00	33.44 -2.44 0.00	33.56 -2.53 0.00	33.11 -2.84 0.00	32.12 -2.64 0.00	31.46 -2.59 0.00	30.63 -2.41 0.00	29.60 -2.50 0.01	31.91 -2.62 0.00	34.88 -3.07 0.00	36.73 -2.55 0.00	39.75 -2.09 0.01	42.58 -1.82 0.00	37.18 -1.75 0.00	31.48 -1.59 0.00	28.71 -0.86 0.00
COLONIE_LFGE___ 323577	25.02 1.08 0.00	21.23 0.93 0.00	18.75 0.81 0.00	18.10 0.78 0.00	17.36 0.75 0.00	24.86 1.02 0.00	31.27 0.94 0.00	35.33 1.03 0.00	38.41 1.23 0.00	37.07 1.18 0.00	37.28 1.19 0.00	37.14 1.18 0.00	35.88 1.11 0.00	35.14 1.09 0.00	34.10 1.06 0.00	33.19 1.09 0.01	35.64 1.10 0.00	39.24 1.29 0.00	40.51 1.22 0.00	43.22 1.38 0.01	45.86 1.46 0.00	40.26 1.32 0.00	34.35 1.29 0.00	30.90 1.33 0.00
COOPERNY_115KV_TB1 80082	24.80 0.86 0.00	21.05 0.75 0.00	18.60 0.66 0.00	17.96 0.64 0.00	17.26 0.65 0.00	24.67 0.83 0.00	31.06 0.73 0.00	35.33 1.03 0.00	38.41 1.23 0.00	37.25 1.36 0.00	37.42 1.34 0.00	37.29 1.33 0.00	36.09 1.32 0.00	35.35 1.29 0.00	34.30 1.26 0.00	33.36 1.25 0.01	35.81 1.28 0.00	39.32 1.37 0.00	40.58 1.30 0.00	43.27 1.42 0.01	45.95 1.55 0.00	40.26 1.32 0.00	34.09 1.03 0.00	30.55 0.98 0.00
COPENHAGEN_WT_PWR 323753	24.01 0.07 0.00	20.30 0.00 0.00	17.91 -0.04 0.00	17.26 -0.05 0.00	16.63 0.02 0.00	24.03 0.19 0.00	30.45 0.12 0.00	34.17 -0.14 0.00	36.92 -0.26 0.00	35.38 -0.50 0.00	35.73 -0.36 0.00	35.45 -0.50 0.00	34.10 -0.66 0.00	33.34 -0.72 0.00	32.34 -0.70 0.00	31.53 -0.58 0.00	33.95 -0.59 0.00	37.61 -0.34 0.00	39.37 0.08 0.00	42.22 0.38 0.00	45.02 0.62 0.00	39.36 0.43 0.00	33.13 0.07 0.00	29.66 0.09 0.00
CORNELL_____ 23752	24.30 0.36 0.00	20.62 0.32 0.00	18.17 0.23 0.00	17.52 0.21 0.00	16.85 0.23 0.00	24.12 0.29 0.00	30.61 0.27 0.00	34.61 0.31 0.00	37.44 0.26 0.00	35.78 -0.11 0.00	35.98 -0.11 0.00	35.74 -0.22 0.00	34.45 -0.31 0.00	33.75 -0.31 0.00	32.74 -0.30 0.00	31.81 -0.29 0.01	34.36 -0.17 0.00	37.88 -0.08 0.00	39.52 0.24 0.00	42.39 0.54 0.01	45.02 0.62 0.00	39.44 0.51 0.00	33.33 0.26 0.00	30.10 0.53 0.00

CORONA V_69_KV_TB1 355595	26.08 2.13 -0.02	22.09 1.79 0.00	19.59 1.63 -0.02	18.81 1.49 0.00	18.04 1.43 0.00	25.91 2.07 0.00	32.33 2.00 0.00	36.96 2.64 -0.02	40.21 3.01 -0.02	38.95 3.05 -0.02	47.68 2.96 -8.63	65.12 3.06 -26.11	75.73 2.99 -37.98	92.18 2.93 -55.19	69.32 2.81 -33.47	82.65 2.76 -47.78	76.18 3.04 -38.61	63.86 3.26 -22.65	63.80 3.18 -21.33	64.16 3.39 -18.91	71.51 3.68 -23.43	85.22 3.23 -43.06	49.31 2.61 -13.64	34.89 2.37 -2.96
CORTLAND_115KV_TB3 80093	24.20 0.26 0.00	20.54 0.24 0.00	18.10 0.16 0.00	17.45 0.14 0.00	16.78 0.17 0.00	24.03 0.19 0.00	30.45 0.12 0.00	34.41 0.10 0.00	37.18 0.00 0.00	35.67 -0.22 0.00	35.87 -0.22 0.00	35.67 -0.29 0.00	34.42 -0.35 0.00	33.71 -0.34 0.00	32.71 -0.33 0.00	31.78 -0.32 0.01	34.26 -0.28 0.00	37.72 -0.23 0.00	39.25 -0.04 0.00	42.01 0.17 0.01	44.66 0.27 0.00	39.13 0.19 0.00	33.13 0.07 0.00	29.93 0.35 0.00
COXSACKIE__GT 23611	25.40 1.46 0.00	21.58 1.28 0.00	19.04 1.09 0.00	18.39 1.07 0.00	17.61 1.00 0.00	25.27 1.43 0.00	31.64 1.30 0.00	35.61 1.30 0.00	38.56 1.38 0.00	37.28 1.40 0.00	37.24 1.15 0.00	37.07 1.12 0.00	35.67 0.90 0.00	34.94 0.88 0.00	33.90 0.86 0.00	33.03 0.93 0.01	35.61 1.07 0.00	39.36 1.41 0.00	40.82 1.53 0.00	43.68 1.84 0.01	46.40 2.00 0.00	40.84 1.91 0.00	34.69 1.62 0.00	31.23 1.66 0.00
CPV_VALLEY__CC1 323721	24.94 1.01 0.00	21.17 0.87 0.00	18.68 0.74 0.00	18.06 0.74 0.00	17.36 0.75 0.00	24.79 0.95 0.00	31.15 0.82 0.00	35.40 1.10 0.00	38.52 1.34 0.00	37.39 1.51 0.00	37.53 1.44 0.00	37.43 1.47 0.00	36.22 1.46 0.00	35.52 1.46 0.00	34.43 1.39 0.00	33.51 1.41 0.01	36.09 1.56 0.00	39.58 1.63 0.00	40.82 1.53 0.00	43.52 1.68 0.01	46.22 1.82 0.00	40.45 1.52 0.00	34.22 1.16 0.00	30.67 1.09 0.00
CPV_VALLEY__CC2 323722	24.94 1.01 0.00	21.17 0.87 0.00	18.68 0.74 0.00	18.06 0.74 0.00	17.36 0.75 0.00	24.79 0.95 0.00	31.15 0.82 0.00	35.40 1.10 0.00	38.52 1.34 0.00	37.39 1.51 0.00	37.53 1.44 0.00	37.43 1.47 0.00	36.22 1.46 0.00	35.52 1.46 0.00	34.43 1.39 0.00	33.51 1.41 0.01	36.09 1.56 0.00	39.58 1.63 0.00	40.82 1.53 0.00	43.52 1.68 0.01	46.22 1.82 0.00	40.45 1.52 0.00	34.22 1.16 0.00	30.67 1.09 0.00
CRESCENT__HYD 24018	25.02 1.08 0.00	21.23 0.93 0.00	18.75 0.81 0.00	18.10 0.78 0.00	17.36 0.75 0.00	24.86 1.02 0.00	31.27 0.94 0.00	35.33 1.03 0.00	38.41 1.23 0.00	37.07 1.18 0.00	37.28 1.19 0.00	37.14 1.18 0.00	35.88 1.11 0.00	35.14 1.09 0.00	34.10 1.06 0.00	33.19 1.09 0.01	35.64 1.10 0.00	39.24 1.29 0.00	40.51 1.22 0.00	43.22 1.38 0.01	45.86 1.46 0.00	40.26 1.32 0.00	34.35 1.29 0.00	30.90 1.33 0.00
CRICKET__VALLEY_CC1 323756	25.25 1.32 0.00	21.43 1.14 0.00	18.91 0.97 0.00	18.27 0.95 0.00	17.54 0.93 0.00	25.10 1.26 0.00	31.39 1.06 0.00	35.74 1.44 0.00	38.89 1.71 0.00	37.78 1.90 0.00	37.93 1.84 0.00	37.86 1.90 0.00	36.64 1.88 0.00	35.89 1.84 0.00	34.82 1.78 0.00	33.90 1.80 0.01	36.47 1.93 0.00	40.08 2.12 0.00	41.29 2.00 0.00	43.98 2.13 0.01	46.70 2.31 0.00	40.84 1.91 0.00	34.59 1.52 0.00	31.02 1.45 0.00
CRICKET__VALLEY_CC2 323757	25.25 1.32 0.00	21.43 1.14 0.00	18.91 0.97 0.00	18.27 0.95 0.00	17.54 0.93 0.00	25.10 1.26 0.00	31.39 1.06 0.00	35.74 1.44 0.00	38.89 1.71 0.00	37.78 1.90 0.00	37.93 1.84 0.00	37.86 1.90 0.00	36.64 1.88 0.00	35.89 1.84 0.00	34.82 1.78 0.00	33.90 1.80 0.01	36.47 1.93 0.00	40.08 2.12 0.00	41.29 2.00 0.00	43.98 2.13 0.01	46.70 2.31 0.00	40.84 1.91 0.00	34.59 1.52 0.00	31.02 1.45 0.00
CRICKET__VALLEY_CC3 323758	25.25 1.32 0.00	21.43 1.14 0.00	18.91 0.97 0.00	18.27 0.95 0.00	17.54 0.93 0.00	25.10 1.26 0.00	31.39 1.06 0.00	35.74 1.44 0.00	38.89 1.71 0.00	37.78 1.90 0.00	37.93 1.84 0.00	37.86 1.90 0.00	36.64 1.88 0.00	35.89 1.84 0.00	34.82 1.78 0.00	33.90 1.80 0.01	36.47 1.93 0.00	40.08 2.12 0.00	41.29 2.00 0.00	43.98 2.13 0.01	46.70 2.31 0.00	40.84 1.91 0.00	34.59 1.52 0.00	31.02 1.45 0.00
CRUCIBLE_METL_DRP 24180	23.79 -0.14 0.00	20.22 -0.08 0.00	17.82 -0.13 0.00	17.19 -0.12 0.00	16.51 -0.10 0.00	23.65 -0.19 0.00	30.00 -0.33 0.00	33.79 -0.51 0.00	36.55 -0.63 0.00	35.09 -0.79 0.00	35.33 -0.76 0.00	35.16 -0.79 0.00	33.93 -0.83 0.00	33.24 -0.82 0.00	32.28 -0.76 0.00	31.34 -0.77 0.00	33.70 -0.83 0.00	37.08 -0.87 0.00	38.54 -0.75 0.00	41.18 -0.67 0.00	43.73 -0.67 0.00	38.31 -0.62 0.00	32.50 -0.56 0.00	29.42 -0.15 0.00
DAHOWA__HYDRO 323763	25.23 1.29 0.00	21.35 1.05 0.00	18.87 0.93 0.00	18.20 0.88 0.00	17.48 0.86 0.00	25.05 1.22 0.00	31.61 1.27 0.00	35.78 1.47 0.00	38.89 1.71 0.00	37.42 1.54 0.00	37.71 1.63 0.00	37.57 1.62 0.00	36.16 1.39 0.00	35.48 1.43 0.00	34.40 1.36 0.00	33.48 1.38 0.01	35.95 1.42 0.00	39.62 1.67 0.00	41.01 1.73 0.00	43.85 2.01 0.01	46.48 2.09 0.00	40.88 1.95 0.00	34.75 1.69 0.00	31.20 1.63 0.00
DANC__LFGE 323619	23.84 -0.10 0.00	20.20 -0.10 0.00	17.83 -0.11 0.00	17.18 -0.14 0.00	16.55 -0.07 0.00	23.79 -0.05 0.00	30.12 -0.21 0.00	33.86 -0.45 0.00	36.58 -0.60 0.00	35.13 -0.76 0.00	35.44 -0.65 0.00	35.16 -0.79 0.00	33.90 -0.87 0.00	33.14 -0.92 0.00	32.18 -0.86 0.00	31.30 -0.80 0.00	33.64 -0.90 0.00	37.15 -0.80 0.00	38.82 -0.47 0.00	41.60 -0.25 0.00	44.26 -0.13 0.00	38.78 -0.16 0.00	32.80 -0.27 0.00	29.45 -0.12 0.00
DANSKAMMER__1 23586	25.47 1.53 0.00	21.62 1.32 0.00	19.05 1.11 0.00	18.43 1.11 0.00	17.69 1.08 0.00	25.32 1.48 0.00	31.76 1.43 0.00	36.12 1.82 0.00	39.30 2.12 0.00	38.25 2.37 0.00	38.36 2.27 0.00	38.33 2.37 0.00	37.06 2.29 0.00	36.27 2.21 0.00	35.22 2.18 0.00	34.25 2.15 0.01	36.88 2.35 0.00	40.49 2.54 0.00	41.76 2.48 0.00	44.52 2.68 0.01	47.33 2.93 0.00	41.39 2.45 0.00	34.98 1.92 0.00	31.35 1.77 0.00
DANSKAMMER__2 23589	25.47 1.53 0.00	21.62 1.32 0.00	19.05 1.11 0.00	18.43 1.11 0.00	17.69 1.08 0.00	25.32 1.48 0.00	31.76 1.43 0.00	36.12 1.82 0.00	39.30 2.12 0.00	38.25 2.37 0.00	38.36 2.27 0.00	38.33 2.37 0.00	37.06 2.29 0.00	36.27 2.21 0.00	35.22 2.18 0.00	34.25 2.15 0.01	36.88 2.35 0.00	40.49 2.54 0.00	41.76 2.48 0.00	44.52 2.68 0.01	47.33 2.93 0.00	41.39 2.45 0.00	34.98 1.92 0.00	31.35 1.77 0.00
DANSKAMMER__3 23590	25.47 1.53 0.00	21.62 1.32 0.00	19.05 1.11 0.00	18.43 1.11 0.00	17.69 1.08 0.00	25.32 1.48 0.00	31.76 1.43 0.00	36.12 1.82 0.00	39.30 2.12 0.00	38.25 2.37 0.00	38.36 2.27 0.00	38.33 2.37 0.00	37.06 2.29 0.00	36.27 2.21 0.00	35.22 2.18 0.00	34.25 2.15 0.01	36.88 2.35 0.00	40.49 2.54 0.00	41.76 2.48 0.00	44.52 2.68 0.01	47.33 2.93 0.00	41.39 2.45 0.00	34.98 1.92 0.00	31.35 1.77 0.00

DANSKAMMER___4 23591	25.47 1.53 0.00	21.62 1.32 0.00	19.05 1.11 0.00	18.43 1.11 0.00	17.69 1.08 0.00	25.32 1.48 0.00	31.76 1.43 0.00	36.12 1.82 0.00	39.30 2.12 0.00	38.25 2.37 0.00	38.36 2.27 0.00	38.33 2.37 0.00	37.06 2.29 0.00	36.27 2.21 0.00	35.22 2.18 0.00	34.25 2.15 0.01	36.88 2.35 0.00	40.49 2.54 0.00	41.76 2.48 0.00	44.52 2.68 0.01	47.33 2.93 0.00	41.39 2.45 0.00	34.98 1.92 0.00	31.35 1.77 0.00
DANSKAMMER___DIESEL 23592	25.47 1.53 0.00	21.62 1.32 0.00	19.09 1.15 0.00	18.42 1.11 0.00	17.69 1.08 0.00	25.32 1.48 0.00	31.76 1.43 0.00	36.12 1.82 0.00	39.30 2.12 0.00	38.25 2.37 0.00	38.40 2.31 0.00	38.33 2.37 0.00	37.06 2.29 0.00	36.30 2.25 0.00	35.22 2.18 0.00	34.25 2.15 0.01	36.88 2.35 0.00	40.49 2.54 0.00	41.76 2.48 0.00	44.48 2.64 0.01	47.28 2.89 0.00	41.38 2.45 0.00	34.98 1.92 0.00	31.35 1.77 0.00
DARBY___SOLAR 323810	25.18 1.24 0.00	21.33 1.03 0.00	18.84 0.90 0.00	18.18 0.87 0.00	17.46 0.85 0.00	25.01 1.17 0.00	31.55 1.21 0.00	35.68 1.37 0.00	38.78 1.60 0.00	37.35 1.47 0.00	37.60 1.52 0.00	37.47 1.51 0.00	36.08 1.32 0.00	35.42 1.36 0.00	34.30 1.26 0.00	33.42 1.32 0.01	35.88 1.35 0.00	39.55 1.59 0.00	40.90 1.61 0.00	43.73 1.89 0.01	46.40 2.00 0.00	40.76 1.83 0.00	34.69 1.62 0.00	31.14 1.57 0.00
DASHVILLE___HYD 23610	25.45 1.51 0.00	21.60 1.30 0.00	19.07 1.13 0.00	18.41 1.09 0.00	17.68 1.06 0.00	25.29 1.45 0.00	31.70 1.36 0.00	36.09 1.78 0.00	39.19 2.01 0.00	38.18 2.30 0.00	38.29 2.20 0.00	38.18 2.23 0.00	36.92 2.16 0.00	36.16 2.11 0.00	35.09 2.05 0.00	34.16 2.06 0.01	36.78 2.24 0.00	40.38 2.43 0.00	41.65 2.36 0.00	44.40 2.55 0.01	47.15 2.75 0.00	41.31 2.37 0.00	34.92 1.85 0.00	31.32 1.74 0.00
DELAWARE___LFGE 323621	24.82 0.89 0.00	21.05 0.75 0.00	18.62 0.68 0.00	17.97 0.66 0.00	17.28 0.66 0.00	24.72 0.88 0.00	31.15 0.82 0.00	35.26 0.96 0.00	38.15 0.97 0.00	36.78 0.90 0.00	37.03 0.94 0.00	36.85 0.90 0.00	35.63 0.87 0.00	34.90 0.85 0.00	33.87 0.83 0.00	32.90 0.80 0.01	35.50 0.97 0.00	39.01 1.06 0.00	40.35 1.06 0.00	43.22 1.38 0.01	45.91 1.51 0.00	40.29 1.36 0.00	34.12 1.06 0.00	30.67 1.09 0.00
DERFIELD_115KV_TB7 355931	24.08 0.14 0.00	20.42 0.12 0.00	18.05 0.11 0.00	17.42 0.10 0.00	16.73 0.12 0.00	23.96 0.12 0.00	30.30 -0.03 0.00	34.20 -0.10 0.00	37.14 -0.04 0.00	35.81 -0.07 0.00	36.01 -0.07 0.00	35.88 -0.07 0.00	34.69 -0.07 0.00	33.98 -0.07 0.00	32.97 -0.07 0.00	32.07 -0.03 0.01	34.50 -0.03 0.00	37.91 -0.04 0.00	39.21 -0.08 0.00	41.84 0.00 0.01	44.40 0.00 0.00	38.93 0.00 0.00	33.10 0.03 0.00	29.81 0.24 0.00
DOGLEVILLE___HYD 23807	23.27 -0.67 0.00	19.69 -0.61 0.00	17.38 -0.56 0.00	16.73 -0.59 0.00	16.05 -0.56 0.00	23.03 -0.81 0.00	29.09 -1.24 0.00	32.90 -1.41 0.00	35.84 -1.34 0.00	34.63 -1.26 0.00	34.93 -1.15 0.00	34.84 -1.11 0.00	33.69 -1.08 0.00	32.96 -1.09 0.00	31.95 -1.09 0.00	31.04 -1.06 0.01	33.43 -1.11 0.00	36.74 -1.21 0.00	38.07 -1.22 0.00	40.63 -1.21 0.01	43.11 -1.29 0.00	37.84 -1.09 0.00	32.14 -0.93 0.00	28.92 -0.65 0.00
DUNKIRK___115KV_TB_200 55889	22.74 -1.20 0.00	19.41 -0.89 0.00	16.95 -0.99 0.00	16.48 -0.83 0.00	15.87 -0.75 0.00	22.55 -1.29 0.00	28.57 -1.76 0.00	32.55 -1.75 0.00	34.69 -2.49 0.00	32.69 -3.19 0.00	32.84 -3.25 0.00	32.43 -3.52 0.00	31.46 -3.30 0.00	30.89 -3.17 0.00	30.10 -2.94 0.00	29.15 -2.95 0.01	31.43 -3.11 0.00	34.35 -3.61 0.00	36.15 -3.14 0.00	39.04 -2.80 0.01	41.69 -2.71 0.00	36.48 -2.45 0.00	31.05 -2.02 0.00	28.39 -1.18 0.00
DUNKIRK___1 23563	22.74 -1.20 0.00	19.41 -0.89 0.00	16.95 -0.99 0.00	16.48 -0.83 0.00	15.87 -0.75 0.00	22.55 -1.29 0.00	28.57 -1.76 0.00	32.55 -1.75 0.00	34.69 -2.49 0.00	32.69 -3.19 0.00	32.84 -3.25 0.00	32.43 -3.52 0.00	31.46 -3.30 0.00	30.89 -3.17 0.00	30.10 -2.94 0.00	29.15 -2.95 0.01	31.43 -3.11 0.00	34.35 -3.61 0.00	36.15 -3.14 0.00	39.04 -2.80 0.01	41.69 -2.71 0.00	36.48 -2.45 0.00	31.05 -2.02 0.00	28.39 -1.18 0.00
DUNKIRK___2 23564	22.74 -1.20 0.00	19.41 -0.89 0.00	16.95 -0.99 0.00	16.48 -0.83 0.00	15.87 -0.75 0.00	22.55 -1.29 0.00	28.57 -1.76 0.00	32.55 -1.75 0.00	34.69 -2.49 0.00	32.69 -3.19 0.00	32.84 -3.25 0.00	32.43 -3.52 0.00	31.46 -3.30 0.00	30.89 -3.17 0.00	30.10 -2.94 0.00	29.15 -2.95 0.01	31.43 -3.11 0.00	34.35 -3.61 0.00	36.15 -3.14 0.00	39.04 -2.80 0.01	41.69 -2.71 0.00	36.48 -2.45 0.00	31.05 -2.02 0.00	28.39 -1.18 0.00
DUNKIRK___3 23565	22.76 -1.17 0.00	19.45 -0.85 0.00	16.99 -0.95 0.00	16.48 -0.83 0.00	15.85 -0.76 0.00	22.50 -1.33 0.00	28.48 -1.85 0.00	32.45 -1.85 0.00	34.58 -2.60 0.00	32.62 -3.27 0.00	32.77 -3.32 0.00	32.40 -3.56 0.00	31.43 -3.34 0.00	30.85 -3.20 0.00	30.10 -2.94 0.00	29.15 -2.95 0.01	31.43 -3.11 0.00	34.35 -3.61 0.00	36.11 -3.18 0.00	39.00 -2.85 0.01	41.64 -2.75 0.00	36.44 -2.49 0.00	31.02 -2.05 0.00	28.33 -1.24 0.00
DUNKIRK___4 23566	22.76 -1.17 0.00	19.45 -0.85 0.00	16.99 -0.95 0.00	16.48 -0.83 0.00	15.85 -0.76 0.00	22.50 -1.33 0.00	28.48 -1.85 0.00	32.45 -1.85 0.00	34.58 -2.60 0.00	32.62 -3.27 0.00	32.77 -3.32 0.00	32.40 -3.56 0.00	31.43 -3.34 0.00	30.85 -3.20 0.00	30.10 -2.94 0.00	29.15 -2.95 0.01	31.43 -3.11 0.00	34.35 -3.61 0.00	36.11 -3.18 0.00	39.00 -2.85 0.01	41.64 -2.75 0.00	36.44 -2.49 0.00	31.02 -2.05 0.00	28.33 -1.24 0.00
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	25.57 1.63 0.00	21.70 1.40 0.00	19.18 1.24 0.00	18.48 1.16 0.00	17.74 1.13 0.00	25.41 1.57 0.00	31.88 1.55 0.00	36.36 2.06 0.00	39.56 2.38 0.00	38.47 2.58 0.00	38.65 2.56 0.00	38.54 2.59 0.00	37.34 2.57 0.00	36.57 2.52 0.00	35.49 2.44 0.00	34.51 2.41 0.01	37.16 2.62 0.00	40.84 2.88 0.00	42.08 2.79 0.00	44.73 2.89 0.01	47.46 3.06 0.00	41.54 2.61 0.00	35.18 2.12 0.00	31.49 1.92 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	25.30 1.36 0.00	21.46 1.16 0.00	18.95 1.00 0.00	18.30 0.99 0.00	17.58 0.96 0.00	25.12 1.29 0.00	31.55 1.21 0.00	35.88 1.58 0.00	39.04 1.86 0.00	37.96 2.08 0.00	38.07 1.98 0.00	38.00 2.05 0.00	36.75 1.98 0.00	35.99 1.94 0.00	34.96 1.92 0.00	33.97 1.86 0.01	36.61 2.07 0.00	40.15 2.20 0.00	41.41 2.12 0.00	44.15 2.30 0.01	46.88 2.49 0.00	41.07 2.14 0.00	34.72 1.65 0.00	31.11 1.54 0.00
E179THST_138_KV_TB4_REV_LBMP_J 345001	25.73 1.80 0.00	21.90 1.60 0.00	19.34 1.40 0.00	18.63 1.32 0.00	17.89 1.28 0.00	25.46 1.62 0.00	31.88 1.55 0.00	36.43 2.13 0.00	39.67 2.49 0.00	38.65 2.76 0.00	38.79 2.71 0.00	38.69 2.73 0.00	37.48 2.71 0.00	36.71 2.66 0.00	35.62 2.58 0.00	34.67 2.57 0.01	37.35 2.83 0.02	41.05 3.11 0.02	42.26 2.99 0.02	44.90 3.06 0.01	47.64 3.24 0.00	41.62 2.69 0.00	35.18 2.12 0.00	31.52 1.95 0.00

E179THST_13_KV_LOAD 356214	25.83 1.89 0.00	21.96 1.66 0.00	19.39 1.45 0.00	18.68 1.37 0.00	17.96 1.35 0.00	25.55 1.72 0.00	32.00 1.67 0.00	36.57 2.26 0.00	39.82 2.64 0.00	38.79 2.91 0.00	38.94 2.85 0.00	38.87 2.91 0.00	37.61 2.85 0.00	36.85 2.79 0.00	35.78 2.74 0.00	34.83 2.73 0.01	37.49 2.97 0.02	41.24 3.30 0.02	42.45 3.18 0.02	45.11 3.26 0.01	47.86 3.46 0.00	41.77 2.84 0.00	35.31 2.25 0.00	31.64 2.07 0.00
EAST HAMPTON___GT 23717	26.58 2.63 -0.01	22.43 2.13 0.00	19.92 1.97 -0.01	19.22 1.90 0.00	18.36 1.74 0.00	26.27 2.43 0.00	32.24 1.91 0.00	37.02 2.71 -0.01	40.17 2.98 -0.01	39.12 3.23 -0.01	39.10 2.63 -0.38	39.96 2.88 -1.13	39.43 3.02 -1.64	39.55 3.00 -2.50	40.10 2.78 -4.29	40.66 2.63 -5.92	40.76 2.97 -3.25	42.28 3.34 -0.98	43.79 3.57 -0.93	46.43 3.77 -0.81	49.27 3.86 -1.02	44.05 3.27 -1.85	39.51 2.88 -3.57	34.13 2.84 -1.72
EAST RIVER___6 23660	25.68 1.75 0.00	21.82 1.52 0.00	19.23 1.29 0.00	18.58 1.26 0.00	17.84 1.23 0.00	25.51 1.67 0.00	32.03 1.70 0.00	36.53 2.23 0.00	39.74 2.56 0.00	38.68 2.80 0.00	38.83 2.74 0.00	38.76 2.81 0.00	37.55 2.78 0.00	36.74 2.69 0.00	35.65 2.61 0.00	34.70 2.60 0.01	37.37 2.83 0.00	41.06 3.11 0.00	42.27 2.98 0.00	44.98 3.14 0.01	47.73 3.33 0.00	41.70 2.76 0.00	35.32 2.25 0.00	31.64 2.07 0.00
EAST RIVER___7 23524	25.68 1.75 0.00	21.82 1.52 0.00	19.23 1.29 0.00	18.58 1.26 0.00	17.84 1.23 0.00	25.51 1.67 0.00	32.03 1.70 0.00	36.53 2.23 0.00	39.74 2.56 0.00	38.68 2.80 0.00	38.83 2.74 0.00	38.76 2.81 0.00	37.55 2.78 0.00	36.74 2.69 0.00	35.65 2.61 0.00	34.70 2.60 0.01	37.37 2.83 0.00	41.06 3.11 0.00	42.27 2.98 0.00	44.98 3.14 0.01	47.73 3.33 0.00	41.70 2.76 0.00	35.32 2.25 0.00	31.64 2.07 0.00
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	25.52 1.58 0.00	21.66 1.36 0.00	19.14 1.20 0.00	18.46 1.14 0.00	17.73 1.11 0.00	25.36 1.53 0.00	31.79 1.46 0.00	36.29 1.99 0.00	39.45 2.27 0.00	38.39 2.51 0.00	38.54 2.45 0.00	38.44 2.48 0.00	37.23 2.47 0.00	36.47 2.42 0.00	35.39 2.35 0.00	34.41 2.31 0.01	37.05 2.52 0.00	40.72 2.77 0.00	41.96 2.67 0.00	44.65 2.80 0.01	47.37 2.97 0.00	41.42 2.49 0.00	35.08 2.02 0.00	31.43 1.86 0.00
EAST_HAMPTON___DIESEL 23722	26.56 2.61 -0.01	22.41 2.11 0.00	19.92 1.97 -0.01	19.22 1.90 0.00	18.34 1.73 0.00	26.24 2.41 0.00	32.18 1.85 0.00	36.99 2.68 -0.01	40.09 2.90 -0.01	39.05 3.16 -0.01	39.03 2.56 -0.38	39.86 2.77 -1.13	39.33 2.92 -1.64	39.48 2.93 -2.50	40.04 2.71 -4.29	40.60 2.57 -5.92	40.69 2.90 -3.25	42.20 3.26 -0.98	43.71 3.50 -0.93	46.35 3.68 -0.81	49.19 3.77 -1.02	43.97 3.19 -1.85	39.44 2.81 -3.57	34.07 2.78 -1.72
EAST_POINT___SOLAR 323840	26.21 2.28 0.00	22.19 1.89 0.00	19.59 1.65 0.00	18.89 1.58 0.00	18.18 1.56 0.00	26.10 2.27 0.00	32.85 2.52 0.00	37.12 2.81 0.00	40.97 3.79 0.00	39.29 3.41 0.00	39.63 3.54 0.00	39.30 3.34 0.00	37.65 2.88 0.00	36.85 2.79 0.00	35.72 2.68 0.00	34.77 2.66 0.01	37.26 2.73 0.00	41.02 3.07 0.00	42.67 3.38 0.00	45.61 3.77 0.01	48.57 4.17 0.00	42.91 3.97 0.00	36.21 3.14 0.00	32.44 2.87 0.00
EAST_PULASKI___ESR 323781	23.72 -0.22 0.00	20.12 -0.18 0.00	17.76 -0.18 0.00	17.11 -0.21 0.00	16.45 -0.17 0.00	23.58 -0.26 0.00	29.88 -0.45 0.00	33.58 -0.72 0.00	36.29 -0.89 0.00	34.92 -0.97 0.00	35.19 -0.90 0.00	34.95 -1.01 0.00	33.72 -1.04 0.00	33.00 -1.06 0.00	32.05 -0.99 0.00	31.14 -0.96 0.00	33.36 -1.17 0.00	36.74 -1.22 0.00	38.27 -1.02 0.00	40.93 -0.92 0.00	43.55 -0.84 0.00	38.15 -0.78 0.00	32.47 -0.59 0.00	29.28 -0.30 0.00
EAST_RIVER___1 323558	25.68 1.75 0.00	21.82 1.52 0.00	19.23 1.29 0.00	18.58 1.26 0.00	17.84 1.23 0.00	25.51 1.67 0.00	32.03 1.70 0.00	36.53 2.23 0.00	39.78 2.60 0.00	38.68 2.80 0.00	38.83 2.74 0.00	38.76 2.81 0.00	37.55 2.78 0.00	36.78 2.73 0.00	35.68 2.64 0.00	34.74 2.63 0.01	37.40 2.86 0.00	41.10 3.15 0.00	42.31 3.03 0.00	44.98 3.14 0.01	47.77 3.37 0.00	41.70 2.76 0.00	35.32 2.25 0.00	31.64 2.07 0.00
EAST_RIVER___2 323559	25.68 1.75 0.00	21.82 1.52 0.00	19.23 1.29 0.00	18.58 1.26 0.00	17.84 1.23 0.00	25.51 1.67 0.00	32.03 1.70 0.00	36.53 2.23 0.00	39.74 2.56 0.00	38.68 2.80 0.00	38.83 2.74 0.00	38.76 2.81 0.00	37.55 2.78 0.00	36.74 2.69 0.00	35.65 2.61 0.00	34.70 2.60 0.01	37.37 2.83 0.00	41.06 3.11 0.00	42.27 2.98 0.00	44.98 3.14 0.01	47.73 3.33 0.00	41.70 2.76 0.00	35.32 2.25 0.00	31.64 2.07 0.00
EAST___DELAWARE_HYD 23607	25.54 1.60 0.00	21.68 1.38 0.00	19.09 1.15 0.00	18.48 1.16 0.00	17.74 1.13 0.00	25.41 1.57 0.00	31.91 1.58 0.00	36.50 2.20 0.00	39.67 2.49 0.00	38.58 2.69 0.00	38.69 2.60 0.00	38.58 2.62 0.00	37.23 2.47 0.00	36.44 2.38 0.00	35.35 2.31 0.00	34.42 2.31 0.01	37.19 2.66 0.00	40.46 2.50 0.00	41.80 2.52 0.00	44.65 2.80 0.01	47.50 3.11 0.00	41.58 2.65 0.00	35.08 2.02 0.00	31.47 1.89 0.00
EIGHT_POINT___WT_PWR 323820	22.98 -0.96 0.00	19.55 -0.75 0.00	17.20 -0.74 0.00	16.61 -0.71 0.00	15.98 -0.63 0.00	22.88 -0.95 0.00	29.21 -1.12 0.00	33.20 -1.10 0.00	36.88 -0.30 0.00	34.81 -1.08 0.00	34.93 -1.16 0.00	34.45 -1.51 0.00	33.13 -1.63 0.00	32.35 -1.70 0.00	31.32 -1.72 0.00	30.24 -1.86 0.01	32.63 -1.90 0.00	36.17 -1.78 0.00	38.23 -1.06 0.00	41.38 -0.46 0.01	44.00 -0.40 0.00	38.54 -0.39 0.00	32.34 -0.73 0.00	29.16 -0.41 0.00
ELBRIDGE_115KV_TB2 80188	23.63 -0.31 0.00	20.06 -0.24 0.00	17.69 -0.25 0.00	17.07 -0.24 0.00	16.40 -0.22 0.00	23.46 -0.38 0.00	29.76 -0.58 0.00	33.51 -0.79 0.00	36.21 -0.97 0.00	34.77 -1.11 0.00	35.00 -1.08 0.00	34.80 -1.15 0.00	33.65 -1.11 0.00	32.96 -1.09 0.00	32.02 -1.02 0.00	31.08 -1.03 0.00	33.43 -1.11 0.00	36.78 -1.18 0.00	38.19 -1.10 0.00	40.85 -1.00 0.00	43.38 -1.02 0.00	38.00 -0.93 0.00	32.24 -0.83 0.00	29.19 -0.38 0.00
ELEC_TRO_TEK 24086	25.96 2.01 -0.02	21.98 1.68 0.00	19.50 1.54 -0.02	18.74 1.42 0.00	17.98 1.36 0.00	25.79 1.95 0.00	32.18 1.85 0.00	36.82 2.50 -0.02	40.02 2.83 -0.02	38.81 2.91 -0.02	40.84 2.81 -1.93	44.65 2.88 -5.82	46.08 2.85 -8.46	49.32 2.79 -12.47	47.63 2.68 -11.91	51.41 2.60 -16.70	48.49 2.87 -11.09	46.12 3.11 -5.05	47.03 2.99 -4.76	49.25 3.18 -4.21	53.09 3.46 -5.23	51.54 3.04 -9.57	43.26 2.48 -7.71	34.98 2.25 -3.16
ELLENBURG_WT_PWR 323604	23.46 -0.48 0.00	19.89 -0.41 0.00	17.65 -0.29 0.00	17.07 -0.24 0.00	16.32 -0.30 0.00	23.62 -0.21 0.00	30.64 0.30 0.00	34.68 0.38 0.00	37.55 0.37 0.00	36.28 0.40 0.00	36.41 0.32 0.00	36.39 0.43 0.00	35.08 0.31 0.00	34.36 0.31 0.00	33.27 0.23 0.00	32.33 0.23 0.00	34.88 0.35 0.00	38.33 0.38 0.00	39.68 0.39 0.00	41.98 0.13 0.00	44.40 0.00 0.00	38.85 -0.08 0.00	32.93 -0.13 0.00	29.01 -0.56 0.00

ELM_ST_23_KV_LD_REV_LBMP_A 345012	22.67 -1.27 0.00	19.37 -0.93 0.00	16.90 -1.04 0.00	16.38 -0.94 0.00	15.73 -0.88 0.00	22.29 -1.55 0.00	28.15 -2.18 0.00	32.01 -2.30 0.00	34.09 -3.09 0.00	32.15 -3.73 0.00	32.30 -3.79 0.00	31.93 -4.03 0.00	31.04 -3.72 0.00	30.48 -3.58 0.00	29.80 -3.24 0.00	28.89 -3.21 0.01	31.15 -3.38 0.00	34.04 -3.91 0.00	35.75 -3.54 0.00	38.58 -3.26 0.01	41.07 -3.33 0.00	35.97 -2.96 0.00	30.72 -2.35 0.00	28.09 -1.48 0.00
EMPIRE_CC_1 323656	25.02 1.08 0.00	21.23 0.93 0.00	18.77 0.83 0.00	18.11 0.80 0.00	17.38 0.76 0.00	24.86 1.02 0.00	31.09 0.76 0.00	34.95 0.65 0.00	37.96 0.78 0.00	36.71 0.83 0.00	36.88 0.79 0.00	36.75 0.79 0.00	35.53 0.76 0.00	34.80 0.75 0.00	33.77 0.73 0.00	32.84 0.74 0.01	35.26 0.73 0.00	38.83 0.87 0.00	39.96 0.67 0.00	42.60 0.75 0.01	45.20 0.80 0.00	39.67 0.74 0.00	33.99 0.92 0.00	30.69 1.12 0.00
EMPIRE_CC_2 323658	25.02 1.08 0.00	21.23 0.93 0.00	18.77 0.83 0.00	18.11 0.80 0.00	17.38 0.76 0.00	24.86 1.02 0.00	31.09 0.76 0.00	34.95 0.65 0.00	37.96 0.78 0.00	36.71 0.83 0.00	36.88 0.79 0.00	36.75 0.79 0.00	35.53 0.76 0.00	34.80 0.75 0.00	33.77 0.73 0.00	32.84 0.74 0.01	35.26 0.73 0.00	38.83 0.87 0.00	39.96 0.67 0.00	42.60 0.75 0.01	45.20 0.80 0.00	39.67 0.74 0.00	33.99 0.92 0.00	30.69 1.12 0.00
ENORWICH_115KV_TB1 80156	25.49 1.56 0.00	21.62 1.32 0.00	19.04 1.09 0.00	18.35 1.04 0.00	17.71 1.10 0.00	25.53 1.69 0.00	32.24 1.91 0.00	36.46 2.16 0.00	39.56 2.38 0.00	37.78 1.90 0.00	38.14 2.06 0.00	37.82 1.87 0.00	36.40 1.63 0.00	35.52 1.46 0.00	34.46 1.42 0.00	33.55 1.44 0.01	36.16 1.62 0.00	40.08 2.13 0.00	42.04 2.75 0.00	45.19 3.35 0.01	48.13 3.73 0.00	42.01 3.08 0.00	35.35 2.28 0.00	31.82 2.25 0.00
ERIE_ST__34_KV_TB1-2 80199	22.88 -1.05 0.00	19.53 -0.77 0.00	17.04 -0.90 0.00	16.54 -0.78 0.00	15.87 -0.75 0.00	22.53 -1.31 0.00	28.51 -1.82 0.00	32.52 -1.78 0.00	34.65 -2.53 0.00	32.69 -3.19 0.00	32.84 -3.25 0.00	32.47 -3.49 0.00	31.53 -3.23 0.00	30.95 -3.10 0.00	30.23 -2.81 0.00	29.31 -2.79 0.01	31.60 -2.94 0.00	34.54 -3.42 0.00	36.30 -2.99 0.00	39.16 -2.68 0.01	41.82 -2.58 0.00	36.56 -2.37 0.00	31.08 -1.98 0.00	28.36 -1.21 0.00
ERIE_WT_PWR 323693	22.81 -1.12 0.00	19.45 -0.85 0.00	17.10 -0.84 0.00	16.47 -0.85 0.00	15.80 -0.81 0.00	22.41 -1.43 0.00	28.33 -2.00 0.00	32.25 -2.06 0.00	34.32 -2.86 0.00	32.37 -3.52 0.00	32.77 -3.32 0.00	32.14 -3.81 0.00	31.29 -3.48 0.00	30.72 -3.34 0.00	29.93 -3.11 0.00	29.05 -3.05 0.01	31.29 -3.25 0.00	34.27 -3.68 0.00	35.99 -3.30 0.00	38.79 -3.05 0.01	41.33 -3.06 0.00	36.25 -2.69 0.00	30.92 -2.15 0.00	28.24 -1.33 0.00
ESPRGFLD_115KV_TB1 80157	25.71 1.77 0.00	21.78 1.48 0.00	19.25 1.31 0.00	18.56 1.25 0.00	17.88 1.26 0.00	25.65 1.81 0.00	32.37 2.03 0.00	36.67 2.37 0.00	41.94 4.76 0.00	40.19 4.31 0.00	40.49 4.40 0.00	40.20 4.24 0.00	38.59 3.82 0.00	37.76 3.71 0.00	36.61 3.57 0.00	35.63 3.53 0.01	38.16 3.63 0.00	42.13 4.17 0.00	43.85 4.56 0.00	44.94 3.10 0.01	47.77 3.37 0.00	42.05 3.11 0.00	35.48 2.41 0.00	31.85 2.28 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	24.27 0.34 0.00	20.62 0.32 0.00	18.16 0.22 0.00	17.51 0.19 0.00	16.85 0.23 0.00	24.12 0.29 0.00	30.58 0.24 0.00	34.58 0.27 0.00	37.37 0.19 0.00	35.74 -0.14 0.00	35.94 -0.14 0.00	35.70 -0.25 0.00	34.42 -0.35 0.00	33.71 -0.34 0.00	32.74 -0.30 0.00	31.81 -0.29 0.01	34.33 -0.21 0.00	37.84 -0.11 0.00	39.45 0.16 0.00	42.30 0.46 0.01	44.97 0.58 0.00	39.36 0.43 0.00	33.30 0.23 0.00	30.04 0.47 0.00
ETNA____115KV_TB2 80207	24.27 0.34 0.00	20.62 0.32 0.00	18.16 0.22 0.00	17.51 0.19 0.00	16.85 0.23 0.00	24.12 0.29 0.00	30.58 0.24 0.00	34.58 0.27 0.00	37.37 0.19 0.00	35.74 -0.14 0.00	35.94 -0.14 0.00	35.70 -0.25 0.00	34.42 -0.35 0.00	33.71 -0.34 0.00	32.74 -0.30 0.00	31.81 -0.29 0.01	34.33 -0.21 0.00	37.84 -0.11 0.00	39.45 0.16 0.00	42.30 0.46 0.01	44.97 0.58 0.00	39.36 0.43 0.00	33.30 0.23 0.00	30.04 0.47 0.00
EUCLID__115KV_TB2 356179	23.72 -0.22 0.00	20.14 -0.16 0.00	17.76 -0.18 0.00	17.14 -0.17 0.00	16.46 -0.15 0.00	23.55 -0.29 0.00	29.85 -0.49 0.00	33.62 -0.69 0.00	36.33 -0.86 0.00	34.91 -0.97 0.00	35.15 -0.94 0.00	34.98 -0.97 0.00	33.76 -1.01 0.00	33.07 -0.99 0.00	32.12 -0.93 0.00	31.17 -0.93 0.01	33.53 -1.00 0.00	36.89 -1.06 0.00	38.31 -0.98 0.00	40.97 -0.88 0.01	43.51 -0.89 0.00	38.11 -0.82 0.00	32.37 -0.69 0.00	29.31 -0.27 0.00
E_CANADA_CAP_HY 24051	26.19 2.25 0.00	22.17 1.87 0.00	19.59 1.65 0.00	18.89 1.58 0.00	18.18 1.56 0.00	26.08 2.24 0.00	32.79 2.46 0.00	37.15 2.85 0.00	41.31 4.13 0.00	39.58 3.70 0.00	39.87 3.79 0.00	39.59 3.63 0.00	38.00 3.23 0.00	37.22 3.17 0.00	36.08 3.04 0.00	35.15 3.05 0.01	37.61 3.07 0.00	41.48 3.53 0.00	43.14 3.85 0.00	45.48 3.64 0.01	48.30 3.91 0.00	42.75 3.82 0.00	36.14 3.08 0.00	32.41 2.84 0.00
E_CANADA_MHWK_HY 24050	23.27 -0.67 0.00	19.69 -0.61 0.00	17.38 -0.56 0.00	16.73 -0.59 0.00	16.05 -0.56 0.00	23.03 -0.81 0.00	29.09 -1.24 0.00	32.90 -1.41 0.00	35.84 -1.34 0.00	34.63 -1.26 0.00	34.93 -1.16 0.00	34.84 -1.11 0.00	33.69 -1.08 0.00	32.96 -1.09 0.00	31.95 -1.09 0.00	31.04 -1.06 0.01	33.43 -1.11 0.00	36.74 -1.22 0.00	38.07 -1.22 0.00	40.62 -1.22 0.01	43.11 -1.29 0.00	37.84 -1.09 0.00	32.14 -0.93 0.00	28.92 -0.65 0.00
E_FISHKILL__LBMP 23776	25.35 1.41 0.00	21.52 1.22 0.00	19.02 1.08 0.00	18.34 1.02 0.00	17.61 1.00 0.00	25.17 1.33 0.00	31.58 1.24 0.00	35.98 1.68 0.00	39.11 1.93 0.00	38.00 2.12 0.00	38.18 2.09 0.00	38.08 2.12 0.00	36.85 2.09 0.00	36.13 2.08 0.00	35.06 2.02 0.00	34.09 1.99 0.01	36.71 2.18 0.00	40.30 2.35 0.00	41.57 2.28 0.00	44.23 2.39 0.01	46.93 2.53 0.00	41.07 2.14 0.00	34.78 1.72 0.00	31.20 1.63 0.00
FALCON__SEABRD_CC1 323796	23.72 -0.22 0.00	20.14 -0.16 0.00	17.85 -0.09 0.00	17.26 -0.05 0.00	16.48 -0.13 0.00	23.89 0.05 0.00	31.00 0.67 0.00	35.13 0.82 0.00	38.04 0.86 0.00	36.71 0.83 0.00	36.85 0.76 0.00	36.78 0.83 0.00	35.50 0.73 0.00	34.77 0.72 0.00	33.67 0.63 0.00	32.69 0.58 0.00	35.29 0.76 0.00	38.79 0.83 0.00	40.15 0.86 0.00	42.48 0.63 0.00	44.97 0.58 0.00	39.32 0.39 0.00	33.30 0.23 0.00	29.33 -0.24 0.00
FALCON__SEABRD_CC2 323797	23.72 -0.22 0.00	20.14 -0.16 0.00	17.85 -0.09 0.00	17.26 -0.05 0.00	16.48 -0.13 0.00	23.89 0.05 0.00	31.00 0.67 0.00	35.13 0.82 0.00	38.04 0.86 0.00	36.71 0.83 0.00	36.85 0.76 0.00	36.78 0.83 0.00	35.50 0.73 0.00	34.77 0.72 0.00	33.67 0.63 0.00	32.69 0.58 0.00	35.29 0.76 0.00	38.79 0.83 0.00	40.15 0.86 0.00	42.48 0.63 0.00	44.97 0.58 0.00	39.32 0.39 0.00	33.30 0.23 0.00	29.33 -0.24 0.00

FAR ROCKAWAY___4 23548	26.25 2.30 -0.01	22.23 1.93 0.00	19.71 1.76 -0.01	18.93 1.61 0.00	18.16 1.55 0.00	26.08 2.24 0.00	32.55 2.21 0.00	37.23 2.92 -0.01	40.47 3.27 -0.01	39.24 3.34 -0.02	48.42 3.28 -9.05	66.66 3.34 -27.36	77.84 3.27 -39.81	95.11 3.24 -57.83	70.42 3.11 -34.27	84.12 3.02 -48.99	77.87 3.32 -40.02	65.30 3.61 -23.74	65.18 3.54 -22.36	65.45 3.77 -19.83	73.04 4.08 -24.56	87.66 3.58 -45.14	49.39 2.88 -13.44	34.82 2.60 -2.65
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	25.71 1.77 0.00	21.84 1.54 0.00	19.29 1.35 0.00	18.58 1.26 0.00	17.86 1.25 0.00	25.53 1.69 0.00	32.03 1.70 0.00	36.57 2.26 0.00	39.78 2.60 0.00	38.72 2.83 0.00	38.90 2.81 0.00	38.80 2.84 0.00	37.58 2.82 0.00	36.81 2.76 0.00	35.72 2.68 0.00	34.74 2.63 0.01	37.40 2.87 0.00	41.10 3.15 0.00	42.35 3.06 0.00	44.98 3.14 0.01	47.73 3.33 0.00	41.74 2.80 0.00	35.35 2.28 0.00	31.64 2.07 0.00
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	25.71 1.77 0.00	21.82 1.52 0.00	19.29 1.35 0.00	18.58 1.26 0.00	17.84 1.23 0.00	25.53 1.69 0.00	32.03 1.70 0.00	36.57 2.26 0.00	39.78 2.60 0.00	38.72 2.83 0.00	38.87 2.78 0.00	38.76 2.80 0.00	37.55 2.78 0.00	36.78 2.72 0.00	35.68 2.64 0.00	34.70 2.60 0.01	37.40 2.87 0.00	41.10 3.15 0.00	42.31 3.03 0.00	44.98 3.14 0.01	47.73 3.33 0.00	41.74 2.80 0.00	35.31 2.25 0.00	31.64 2.07 0.00
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	25.69 1.75 0.00	21.82 1.52 0.00	19.27 1.33 0.00	18.58 1.26 0.00	17.84 1.23 0.00	25.51 1.67 0.00	32.03 1.70 0.00	36.57 2.26 0.00	39.78 2.60 0.00	38.72 2.83 0.00	38.87 2.78 0.00	38.76 2.80 0.00	37.55 2.78 0.00	36.78 2.72 0.00	35.68 2.64 0.00	34.70 2.60 0.01	37.40 2.87 0.00	41.10 3.15 0.00	42.31 3.03 0.00	44.94 3.10 0.01	47.68 3.29 0.00	41.74 2.80 0.00	35.31 2.25 0.00	31.64 2.07 0.00
FARRAGUT___LBMP 323566	25.69 1.75 0.00	21.80 1.50 0.00	19.27 1.33 0.00	18.56 1.25 0.00	17.83 1.21 0.00	25.51 1.67 0.00	32.00 1.67 0.00	36.50 2.20 0.00	39.75 2.57 0.00	38.65 2.76 0.00	38.83 2.74 0.00	38.72 2.77 0.00	37.51 2.75 0.00	36.74 2.69 0.00	35.65 2.61 0.00	34.67 2.57 0.01	37.37 2.83 0.00	41.06 3.11 0.00	42.27 2.99 0.00	44.90 3.06 0.01	47.64 3.24 0.00	41.70 2.76 0.00	35.28 2.22 0.00	31.61 2.04 0.00
FENNER___WINDPWR 24204	24.39 0.45 0.00	20.68 0.38 0.00	18.26 0.32 0.00	17.59 0.28 0.00	16.93 0.31 0.00	24.29 0.45 0.00	30.76 0.42 0.00	34.72 0.41 0.00	37.63 0.45 0.00	36.14 0.25 0.00	36.41 0.32 0.00	36.17 0.22 0.00	34.90 0.14 0.00	34.16 0.10 0.00	33.14 0.10 0.00	32.20 0.10 0.01	34.71 0.17 0.00	38.25 0.30 0.00	39.76 0.47 0.00	42.51 0.67 0.01	45.20 0.80 0.00	39.55 0.62 0.00	33.49 0.43 0.00	30.19 0.62 0.00
FIBERTEK___ENERGY 23856	23.79 -0.14 0.00	20.22 -0.08 0.00	17.82 -0.13 0.00	17.19 -0.12 0.00	16.51 -0.10 0.00	23.65 -0.19 0.00	30.00 -0.33 0.00	33.79 -0.51 0.00	36.55 -0.63 0.00	35.09 -0.79 0.00	35.33 -0.76 0.00	35.16 -0.79 0.00	33.93 -0.83 0.00	33.24 -0.82 0.00	32.28 -0.76 0.00	31.34 -0.77 0.00	33.70 -0.83 0.00	37.08 -0.87 0.00	38.54 -0.75 0.00	41.18 -0.67 0.00	43.73 -0.67 0.00	38.31 -0.62 0.00	32.50 -0.56 0.00	29.42 -0.15 0.00
FITZPATRICK___ 23598	23.32 -0.62 0.00	19.77 -0.53 0.00	17.47 -0.47 0.00	16.85 -0.47 0.00	16.18 -0.43 0.00	23.15 -0.69 0.00	29.36 -0.97 0.00	33.03 -1.27 0.00	35.73 -1.45 0.00	34.34 -1.54 0.00	34.61 -1.48 0.00	34.41 -1.55 0.00	33.27 -1.49 0.00	32.59 -1.46 0.00	31.65 -1.39 0.00	30.72 -1.38 0.01	33.01 -1.52 0.00	36.32 -1.63 0.00	37.68 -1.61 0.00	40.18 -1.63 0.04	42.66 -1.73 0.00	37.41 -1.52 0.00	31.81 -1.26 0.00	28.77 -0.80 0.00
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	25.52 1.58 0.00	21.66 1.36 0.00	19.11 1.17 0.00	18.44 1.13 0.00	17.71 1.10 0.00	25.36 1.53 0.00	31.79 1.46 0.00	36.16 1.85 0.00	39.34 2.16 0.00	38.32 2.44 0.00	38.43 2.35 0.00	38.36 2.41 0.00	37.09 2.33 0.00	36.33 2.28 0.00	35.25 2.21 0.00	34.29 2.18 0.01	36.92 2.38 0.00	40.53 2.58 0.00	41.80 2.51 0.00	44.56 2.72 0.01	47.33 2.93 0.00	41.46 2.53 0.00	35.05 1.98 0.00	31.40 1.83 0.00
FORT ORANGE___ 23900	24.85 0.91 0.00	21.11 0.81 0.00	18.66 0.72 0.00	18.01 0.69 0.00	17.26 0.65 0.00	24.69 0.86 0.00	30.91 0.57 0.00	34.89 0.58 0.00	37.89 0.70 0.00	36.56 0.68 0.00	36.70 0.61 0.00	36.57 0.61 0.00	35.32 0.55 0.00	34.63 0.58 0.00	33.64 0.60 0.00	32.74 0.64 0.01	35.19 0.65 0.00	38.75 0.80 0.00	39.96 0.67 0.00	42.60 0.75 0.01	45.20 0.80 0.00	39.75 0.82 0.00	33.89 0.83 0.00	30.49 0.92 0.00
FORT_DRUM_COGEN 23780	23.99 0.05 0.00	20.30 0.00 0.00	17.91 -0.04 0.00	17.26 -0.05 0.00	16.63 0.02 0.00	24.05 0.21 0.00	30.48 0.15 0.00	34.23 -0.07 0.00	36.99 -0.19 0.00	35.45 -0.43 0.00	35.80 -0.29 0.00	35.49 -0.47 0.00	34.17 -0.59 0.00	33.37 -0.68 0.00	32.41 -0.63 0.00	31.59 -0.51 0.00	33.98 -0.55 0.00	37.69 -0.27 0.00	39.48 0.20 0.00	42.35 0.50 0.01	45.15 0.75 0.00	39.44 0.51 0.00	33.16 0.10 0.00	29.66 0.09 0.00
FOX_HILLS___ESR 323835	25.88 1.94 0.00	21.96 1.66 0.00	19.39 1.45 0.00	18.68 1.37 0.00	17.94 1.33 0.00	25.58 1.74 0.00	32.09 1.76 0.00	36.64 2.33 0.00	39.86 2.68 0.00	38.83 2.94 0.00	38.97 2.89 0.00	38.90 2.95 0.00	37.65 2.89 0.00	36.88 2.83 0.00	35.82 2.78 0.00	34.86 2.76 0.01	37.61 3.07 0.00	41.33 3.38 0.00	42.63 3.34 0.00	45.32 3.47 0.01	48.08 3.68 0.00	41.97 3.04 0.00	35.48 2.41 0.00	31.76 2.19 0.00
FPL_FAR_ROCK_GT1 24212	26.25 2.30 -0.01	22.23 1.93 0.00	19.62 1.67 -0.01	18.93 1.61 0.00	18.16 1.55 0.00	26.08 2.24 0.00	32.55 2.21 0.00	37.24 2.91 -0.02	40.47 3.27 -0.02	39.24 3.34 -0.02	48.38 3.25 -9.05	66.66 3.34 -27.36	77.88 3.30 -39.81	95.12 3.24 -57.83	70.42 3.10 -34.27	84.15 3.05 -48.99	77.90 3.35 -40.02	65.30 3.61 -23.74	65.19 3.54 -22.36	65.49 3.81 -19.83	73.04 4.08 -24.56	87.62 3.54 -45.14	49.39 2.88 -13.44	34.82 2.60 -2.65
FPL_FAR_ROCK_GT2 23815	26.25 2.30 -0.01	22.23 1.93 0.00	19.62 1.67 -0.01	18.93 1.61 0.00	18.16 1.55 0.00	26.08 2.24 0.00	32.55 2.21 0.00	37.24 2.91 -0.02	40.47 3.27 -0.02	39.24 3.34 -0.02	48.38 3.25 -9.05	66.66 3.34 -27.36	77.88 3.30 -39.81	95.12 3.24 -57.83	70.42 3.10 -34.27	84.15 3.05 -48.99	77.90 3.35 -40.02	65.30 3.61 -23.74	65.19 3.54 -22.36	65.49 3.81 -19.83	73.04 4.08 -24.56	87.62 3.54 -45.14	49.39 2.88 -13.44	34.82 2.60 -2.65
FRANKLIN_FALL_HYD 24054	23.46 -0.48 0.00	19.91 -0.39 0.00	17.64 -0.30 0.00	17.07 -0.24 0.00	16.28 -0.33 0.00	23.65 -0.19 0.00	30.79 0.45 0.00	34.89 0.58 0.00	37.74 0.56 0.00	36.46 0.57 0.00	36.63 0.54 0.00	36.49 0.54 0.00	35.29 0.52 0.00	34.50 0.44 0.00	33.37 0.33 0.00	32.46 0.35 0.00	35.02 0.48 0.00	38.48 0.53 0.00	39.92 0.63 0.00	42.27 0.42 0.00	44.84 0.44 0.00	39.17 0.23 0.00	33.07 0.00 0.00	29.07 -0.50 0.00



FREEPORT_EQUS_GT1 23764	26.08	22.10	19.50	18.82	18.06	25.94	32.33	37.03	40.20	38.98	41.56	46.59	48.78	53.11	48.23	52.38	50.32	47.87	48.74	50.86	54.97	54.64	42.50	34.39
	2.13	1.81	1.54	1.51	1.44	2.10	2.00	2.71	3.01	3.09	2.96	3.05	2.99	2.93	2.84	2.83	3.11	3.34	3.26	3.52	3.77	3.23	2.71	2.48
	-0.01	0.00	-0.01	0.00	0.00	0.00	0.00	-0.01	-0.01	-0.01	-2.51	-7.58	-11.02	-16.12	-12.35	-17.45	-12.68	-6.58	-6.20	-5.49	-6.80	-12.48	-6.72	-2.34
FREEPORT___CT2 23818	26.08	22.10	19.50	18.82	18.06	25.94	32.33	37.03	40.20	38.98	41.56	46.59	48.78	53.11	48.23	52.38	50.32	47.87	48.74	50.86	54.97	54.64	42.50	34.39
	2.13	1.81	1.54	1.51	1.44	2.10	2.00	2.71	3.01	3.09	2.96	3.05	2.99	2.93	2.84	2.83	3.11	3.34	3.26	3.52	3.77	3.23	2.71	2.48
	-0.01	0.00	-0.01	0.00	0.00	0.00	0.00	-0.01	-0.01	-0.01	-2.51	-7.58	-11.02	-16.12	-12.35	-17.45	-12.68	-6.58	-6.20	-5.49	-6.80	-12.48	-6.72	-2.34
FRESHKLS_33_KV_LOAD 356253	25.90	21.98	19.41	18.70	17.96	25.60	32.09	36.67	39.86	38.83	38.94	38.87	37.65	36.88	35.78	34.86	37.61	41.33	42.67	45.36	48.13	42.01	35.51	31.79
	1.96	1.68	1.47	1.39	1.35	1.76	1.76	2.37	2.68	2.94	2.85	2.91	2.89	2.83	2.74	2.76	3.07	3.38	3.38	3.52	3.73	3.08	2.45	2.22
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00
FULTON COGEN____ 23766	23.51	19.95	17.62	16.99	16.32	23.36	29.64	33.34	36.07	34.66	34.90	34.73	33.51	32.83	31.88	30.92	33.22	36.55	37.99	40.60	43.11	37.76	32.11	29.04
	-0.43	-0.35	-0.32	-0.33	-0.30	-0.48	-0.70	-0.96	-1.12	-1.22	-1.19	-1.22	-1.25	-1.23	-1.16	-1.19	-1.31	-1.40	-1.30	-1.26	-1.29	-1.17	-0.96	-0.53
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FULTON___LFGE 323630	25.90	21.94	19.38	18.68	17.96	25.77	32.49	36.81	40.53	38.90	39.15	38.87	37.37	36.64	35.52	34.58	37.09	40.87	42.51	45.15	47.90	42.28	35.74	32.06
	1.96	1.64	1.44	1.37	1.35	1.93	2.15	2.50	3.35	3.01	3.07	2.91	2.61	2.59	2.48	2.47	2.56	2.92	3.22	3.31	3.51	3.35	2.68	2.48
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00
G.F.CEMENT___DRP 24184	25.30	21.39	18.91	18.23	17.51	25.10	31.70	35.92	39.08	37.61	37.89	37.79	36.36	35.69	34.56	33.64	36.12	39.77	41.21	44.10	46.75	41.11	34.88	31.29
	1.36	1.10	0.97	0.92	0.90	1.26	1.36	1.61	1.90	1.72	1.80	1.83	1.60	1.63	1.52	1.54	1.59	1.82	1.93	2.26	2.35	2.18	1.82	1.72
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00
GARDENVILLE___LBMP 24039	22.69	19.37	16.90	16.38	15.73	22.31	28.24	32.11	34.21	32.22	32.37	32.00	31.08	30.55	29.84	28.92	31.18	34.08	35.83	38.70	41.29	36.13	30.82	28.15
	-1.24	-0.93	-1.04	-0.94	-0.88	-1.53	-2.09	-2.20	-2.97	-3.66	-3.72	-3.96	-3.69	-3.51	-3.20	-3.18	-3.35	-3.87	-3.46	-3.14	-3.11	-2.80	-2.25	-1.42
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00
GARDNVLA_35_KV_LD 355827	22.86	19.51	17.03	16.50	15.85	22.48	28.45	32.35	34.47	32.51	32.66	32.29	31.39	30.82	30.10	29.18	31.46	34.38	36.18	39.04	41.64	36.40	31.05	28.36
	-1.08	-0.79	-0.91	-0.81	-0.76	-1.36	-1.88	-1.96	-2.71	-3.37	-3.43	-3.67	-3.37	-3.24	-2.94	-2.92	-3.07	-3.57	-3.10	-2.80	-2.75	-2.53	-2.02	-1.21
	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	0.01	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00
GELCKHM___115KV_LOAD 80723	23.75	20.16	17.78	17.14	16.48	23.58	29.91	33.69	36.40	34.99	35.22	35.02	33.83	33.13	32.18	31.24	33.60	36.96	38.38	41.05	43.60	38.19	32.40	29.36
	-0.19	-0.14	-0.16	-0.17	-0.13	-0.26	-0.42	-0.62	-0.78	-0.90	-0.87	-0.93	-0.94	-0.92	-0.86	-0.87	-0.93	-0.99	-0.90	-0.80	-0.80	-0.74	-0.66	-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	0.01	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00
GENERAL___MILLS 23808	22.79	19.45	16.97	16.45	15.80	22.41	28.33	32.21	34.32	32.37	32.48	32.14	31.22	30.68	29.97	29.05	31.32	34.23	35.99	38.83	41.42	36.25	30.92	28.24
	-1.15	-0.85	-0.97	-0.87	-0.81	-1.43	-2.00	-2.09	-2.86	-3.52	-3.61	-3.81	-3.55	-3.37	-3.07	-3.05	-3.21	-3.72	-3.30	-3.01	-2.97	-2.69	-2.15	-1.33
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00
GE_PLASTICS___DRP 24183	24.73	21.01	18.57	17.92	17.18	24.58	30.82	34.85	37.81	36.56	36.74	36.60	35.39	34.70	33.67	32.74	35.19	38.71	39.92	42.51	45.11	39.67	33.79	30.40
	0.79	0.71	0.63	0.61	0.56	0.74	0.49	0.55	0.63	0.68	0.65	0.65	0.63	0.65	0.63	0.64	0.66	0.76	0.63	0.67	0.71	0.74	0.73	0.83
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00
GILBOA___1 23756	24.68	20.95	18.57	17.92	17.21	24.53	30.88	34.99	38.00	36.71	36.92	36.78	35.56	34.84	33.83	32.91	35.40	38.90	40.11	42.76	45.42	39.86	33.86	30.46
	0.74	0.65	0.63	0.61	0.60	0.69	0.55	0.69	0.82	0.83	0.83	0.83	0.80	0.78	0.79	0.80	0.86	0.95	0.83	0.92	1.02	0.93	0.79	0.89
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00
GILBOA___2 23757	24.68	20.95	18.57	17.92	17.21	24.53	30.88	34.99	38.00	36.71	36.92	36.78	35.56	34.84	33.83	32.91	35.40	38.90	40.11	42.76	45.42	39.86	33.86	30.46
	0.74	0.65	0.63	0.61	0.60	0.69	0.55	0.69	0.82	0.83	0.83	0.83	0.80	0.78	0.79	0.80	0.86	0.95	0.83	0.92	1.02	0.93	0.79	0.89
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00
GILBOA___3 23758	24.68	20.95	18.57	17.92	17.21	24.53	30.88	34.99	38.00	36.71	36.92	36.78	35.56	34.84	33.83	32.91	35.40	38.90	40.11	42.76	45.42	39.86	33.86	30.46
	0.74	0.65	0.63	0.61	0.60	0.69	0.55	0.69	0.82	0.83	0.83	0.83	0.80	0.78	0.79	0.80	0.86	0.95	0.83	0.92	1.02	0.93	0.79	0.89
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00
GILBOA___4 23759	24.68	20.95	18.57	17.92	17.21	24.53	30.88	34.99	38.00	36.71	36.92	36.78	35.56	34.84	33.83	32.91	35.40	38.90	40.11	42.76	45.42	39.86	33.86	30.46
	0.74	0.65	0.63	0.61	0.60	0.69	0.55	0.69	0.82	0.83	0.83	0.83	0.80	0.78	0.79	0.80	0.86	0.95	0.83	0.92	1.02	0.93	0.79	0.89
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00

GILBOA____ 23599	24.68 0.74 0.00	20.95 0.65 0.00	18.59 0.65 0.00	17.92 0.61 0.00	17.21 0.60 0.00	24.53 0.69 0.00	30.88 0.55 0.00	34.99 0.69 0.00	38.00 0.82 0.00	36.71 0.83 0.00	36.92 0.83 0.00	36.78 0.83 0.00	35.56 0.80 0.00	34.87 0.82 0.00	33.83 0.79 0.00	32.87 0.77 0.01	35.36 0.83 0.00	38.90 0.95 0.00	40.11 0.83 0.00	42.76 0.92 0.01	45.37 0.98 0.00	39.87 0.93 0.00	33.86 0.79 0.00	30.46 0.89 0.00
GINNA____ 23603	22.21 -1.72 0.00	18.88 -1.42 0.00	16.65 -1.29 0.00	16.07 -1.25 0.00	15.40 -1.21 0.00	21.93 -1.91 0.00	27.78 -2.55 0.00	31.49 -2.81 0.00	34.06 -3.12 0.00	32.37 -3.52 0.00	32.77 -3.32 0.00	32.36 -3.60 0.00	31.53 -3.23 0.00	30.85 -3.20 0.00	30.03 -3.01 0.00	29.18 -2.92 0.01	31.39 -3.14 0.00	34.46 -3.49 0.00	35.91 -3.38 0.00	38.53 -3.31 0.01	40.89 -3.51 0.00	35.74 -3.19 0.00	30.35 -2.71 0.00	27.56 -2.01 0.00
GLEN PARK____ 23778	24.11 0.17 0.00	20.38 0.08 0.00	17.98 0.04 0.00	17.33 0.02 0.00	16.71 0.10 0.00	24.17 0.33 0.00	30.61 0.27 0.00	34.34 0.03 0.00	37.07 -0.11 0.00	35.49 -0.39 0.00	35.87 -0.22 0.00	35.53 -0.43 0.00	34.17 -0.59 0.00	33.37 -0.68 0.00	32.41 -0.63 0.00	31.62 -0.48 0.00	34.05 -0.48 0.00	37.80 -0.15 0.00	39.64 0.35 0.00	42.60 0.75 0.01	45.42 1.02 0.00	39.67 0.74 0.00	33.33 0.26 0.00	29.81 0.24 0.00
GLENDALE_27_KV_LOAD 356172	25.88 1.94 0.00	21.98 1.68 0.00	19.41 1.47 0.00	18.70 1.39 0.00	17.98 1.36 0.00	25.63 1.79 0.00	32.12 1.79 0.00	36.70 2.40 0.00	39.97 2.79 0.00	38.93 3.05 0.00	39.08 3.00 0.00	39.01 3.06 0.00	37.75 2.99 0.00	37.02 2.96 0.00	35.91 2.87 0.00	34.96 2.86 0.01	37.64 3.11 0.00	41.37 3.42 0.00	42.63 3.34 0.00	45.27 3.43 0.01	48.04 3.64 0.00	41.93 3.00 0.00	35.45 2.38 0.00	31.73 2.16 0.00
GLENWOOD_IC_1_G5 23712	25.92 1.96 -0.02	21.94 1.64 0.00	19.45 1.49 -0.02	18.70 1.39 0.00	17.94 1.33 0.00	25.72 1.88 0.00	32.18 1.85 0.00	36.79 2.47 -0.02	39.99 2.79 -0.02	38.84 2.94 -0.02	41.10 2.92 -2.09	45.09 2.84 -6.29	46.73 2.82 -9.15	50.27 2.76 -13.45	47.85 2.68 -12.13	51.75 2.60 -17.04	48.97 2.87 -11.57	46.52 3.11 -5.46	47.42 2.99 -5.14	49.55 3.14 -4.55	53.42 3.37 -5.65	52.16 2.88 -10.35	42.97 2.35 -7.56	34.85 2.28 -3.00
GLENWOOD_IC_2_G1 23688	25.73 1.80 0.00	21.84 1.54 0.00	19.25 1.31 0.00	18.60 1.28 0.00	17.86 1.25 0.00	25.58 1.74 0.00	32.00 1.67 0.00	36.57 2.26 0.00	39.74 2.56 0.00	38.61 2.73 0.00	38.78 2.63 -0.06	38.83 2.70 -0.18	37.70 2.68 -0.26	37.06 2.62 -0.38	36.00 2.54 -0.42	35.22 2.54 -0.58	37.67 2.76 -0.37	41.07 2.96 -0.15	42.30 2.87 -0.14	45.03 3.05 -0.12	47.84 3.29 -0.16	41.99 2.76 -0.29	35.61 2.25 -0.29	31.77 2.07 -0.13
GLENWOOD_IC_3_G1 23689	25.73 1.80 0.00	21.84 1.54 0.00	19.25 1.31 0.00	18.60 1.28 0.00	17.86 1.25 0.00	25.58 1.74 0.00	32.00 1.67 0.00	36.57 2.26 0.00	39.74 2.56 0.00	38.61 2.73 0.00	38.78 2.63 -0.06	38.83 2.70 -0.18	37.70 2.68 -0.26	37.06 2.62 -0.38	36.00 2.54 -0.42	35.22 2.54 -0.58	37.67 2.76 -0.37	41.07 2.96 -0.15	42.30 2.87 -0.14	45.03 3.05 -0.12	47.84 3.29 -0.16	41.99 2.76 -0.29	35.61 2.25 -0.29	31.77 2.07 -0.13
GLENWOOD____4 23550	25.92 1.96 -0.02	21.94 1.64 0.00	19.45 1.49 -0.02	18.70 1.39 0.00	17.94 1.33 0.00	25.72 1.88 0.00	32.18 1.85 0.00	36.79 2.47 -0.02	39.99 2.79 -0.02	38.84 2.94 -0.02	41.10 2.92 -2.09	45.12 2.88 -6.29	46.76 2.85 -9.15	50.30 2.79 -13.45	47.88 2.71 -12.13	51.82 2.67 -17.04	49.01 2.90 -11.57	46.56 3.15 -5.46	47.46 3.03 -5.14	49.59 3.18 -4.55	53.46 3.42 -5.65	52.24 2.96 -10.35	43.04 2.41 -7.56	34.85 2.28 -3.00
GLENWOOD____5 23614	25.92 1.96 -0.02	21.94 1.64 0.00	19.45 1.49 -0.02	18.70 1.39 0.00	17.94 1.33 0.00	25.72 1.88 0.00	32.18 1.85 0.00	36.79 2.47 -0.02	39.99 2.79 -0.02	38.84 2.94 -0.02	41.10 2.92 -2.09	45.12 2.88 -6.29	46.76 2.85 -9.15	50.30 2.79 -13.45	47.88 2.71 -12.13	51.82 2.67 -17.04	49.01 2.90 -11.57	46.56 3.15 -5.46	47.46 3.03 -5.14	49.59 3.18 -4.55	53.46 3.42 -5.65	52.24 2.96 -10.35	43.04 2.41 -7.56	34.85 2.28 -3.00
GLOBAL GREEN_PORT_GT1 23814	26.63 2.68 -0.01	22.47 2.17 0.00	19.96 2.01 -0.01	19.25 1.94 0.00	18.41 1.79 0.00	26.39 2.55 0.00	32.42 2.09 0.00	37.26 2.95 -0.01	40.42 3.23 -0.01	39.34 3.45 -0.01	39.46 2.99 -0.38	40.29 3.20 -1.13	39.68 3.27 -1.64	39.79 3.24 -2.50	40.36 3.04 -4.29	40.98 2.95 -5.92	41.07 3.28 -3.26	42.62 3.68 -0.98	44.11 3.89 -0.93	46.81 4.14 -0.81	49.68 4.26 -1.02	44.40 3.62 -1.85	39.74 3.11 -3.57	34.28 2.99 -1.72
GLOBE____DSASP 323697	22.26 -1.68 0.00	19.04 -1.26 0.00	16.61 -1.33 0.00	16.10 -1.21 0.00	15.47 -1.15 0.00	21.79 -2.05 0.00	27.39 -2.94 0.00	31.01 -3.29 0.00	33.02 -4.16 0.00	31.11 -4.77 0.00	31.25 -4.84 0.00	30.96 -5.00 0.00	30.11 -4.66 0.00	29.59 -4.46 0.00	28.94 -4.10 0.00	28.09 -4.01 0.01	30.29 -4.25 0.00	33.13 -4.82 0.00	34.73 -4.56 0.00	37.41 -4.44 0.01	39.78 -4.62 0.00	34.84 -4.09 0.00	29.92 -3.14 0.00	27.41 -2.16 0.00
GOETHSLN____LBMP 323567	25.59 1.65 0.00	21.74 1.44 0.00	19.21 1.27 0.00	18.51 1.19 0.00	17.79 1.18 0.00	25.43 1.60 0.00	31.91 1.58 0.00	36.40 2.09 0.00	39.60 2.42 0.00	38.54 2.66 0.00	38.69 2.60 0.00	38.62 2.66 0.00	37.37 2.61 0.00	36.64 2.59 0.00	35.55 2.51 0.00	34.58 2.47 0.01	37.23 2.69 0.00	40.91 2.96 0.00	42.12 2.83 0.00	44.73 2.89 0.01	47.46 3.06 0.00	41.54 2.61 0.00	35.15 2.08 0.00	31.49 1.92 0.00
GOLAH____69_KV_TB 1_2 80279	23.22 -0.72 0.00	19.77 -0.53 0.00	17.33 -0.61 0.00	16.78 -0.54 0.00	16.10 -0.52 0.00	22.91 -0.93 0.00	28.97 -1.36 0.00	32.79 -1.51 0.00	35.28 -1.90 0.00	33.41 -2.48 0.00	33.60 -2.49 0.00	33.29 -2.66 0.00	32.33 -2.43 0.00	31.67 -2.38 0.00	30.93 -2.11 0.00	30.01 -2.09 0.01	32.32 -2.21 0.00	35.48 -2.47 0.00	37.09 -2.20 0.00	39.96 -1.88 0.01	42.53 -1.86 0.00	37.14 -1.79 0.00	31.64 -1.42 0.00	28.80 -0.77 0.00
GOODYEAR_LAKE_HYD 323669	25.16 1.22 0.00	21.31 1.01 0.00	18.84 0.90 0.00	18.18 0.87 0.00	17.51 0.90 0.00	25.08 1.24 0.00	31.64 1.30 0.00	35.81 1.51 0.00	38.44 1.26 0.00	37.10 1.22 0.00	37.35 1.26 0.00	37.18 1.22 0.00	35.91 1.15 0.00	35.14 1.09 0.00	34.10 1.06 0.00	33.13 1.03 0.01	35.78 1.24 0.00	39.32 1.37 0.00	40.66 1.38 0.00	43.93 2.09 0.01	46.71 2.31 0.00	40.96 2.02 0.00	34.62 1.55 0.00	31.11 1.54 0.00
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	24.06 0.12 0.00	20.44 0.14 0.00	17.99 0.05 0.00	17.37 0.05 0.00	16.70 0.08 0.00	23.84 0.00 0.00	30.18 -0.15 0.00	34.17 -0.14 0.00	36.85 -0.33 0.00	35.31 -0.57 0.00	35.55 -0.54 0.00	35.31 -0.65 0.00	34.14 -0.63 0.00	33.44 -0.61 0.00	32.51 -0.53 0.00	31.55 -0.55 0.01	34.05 -0.48 0.00	37.38 -0.57 0.00	38.86 -0.43 0.00	41.63 -0.21 0.01	44.26 -0.13 0.00	38.82 -0.12 0.00	32.87 -0.20 0.00	29.72 0.15 0.00

GOUDEY___7 23579	24.06 0.12 0.00	20.44 0.14 0.00	17.99 0.05 0.00	17.37 0.05 0.00	16.70 0.08 0.00	23.84 0.00 0.00	30.18 -0.15 0.00	34.17 -0.14 0.00	36.85 -0.33 0.00	35.31 -0.57 0.00	35.55 -0.54 0.00	35.31 -0.65 0.00	34.14 -0.63 0.00	33.44 -0.61 0.00	32.51 -0.53 0.00	31.55 -0.55 0.01	34.05 -0.48 0.00	37.38 -0.57 0.00	38.86 -0.43 0.00	41.63 -0.21 0.01	44.26 -0.13 0.00	38.82 -0.12 0.00	32.87 -0.20 0.00	29.72 0.15 0.00
GOUDEY___8 23580	24.06 0.12 0.00	20.44 0.14 0.00	17.99 0.05 0.00	17.37 0.05 0.00	16.70 0.08 0.00	23.84 0.00 0.00	30.18 -0.15 0.00	34.17 -0.14 0.00	36.85 -0.33 0.00	35.31 -0.57 0.00	35.55 -0.54 0.00	35.31 -0.65 0.00	34.14 -0.63 0.00	33.44 -0.61 0.00	32.51 -0.53 0.00	31.55 -0.55 0.01	34.05 -0.48 0.00	37.38 -0.57 0.00	38.86 -0.43 0.00	41.63 -0.21 0.01	44.26 -0.13 0.00	38.82 -0.12 0.00	32.87 -0.20 0.00	29.72 0.15 0.00
GOWANUS_GT1_1 24077	25.88 1.94 0.00	21.96 1.66 0.00	19.39 1.45 0.00	18.68 1.37 0.00	17.96 1.35 0.00	25.60 1.76 0.00	32.09 1.76 0.00	36.67 2.37 0.00	39.93 2.75 0.00	38.90 3.01 0.00	39.05 2.96 0.00	38.94 2.98 0.00	37.72 2.95 0.00	36.95 2.89 0.00	35.85 2.81 0.00	34.93 2.83 0.01	37.64 3.11 0.00	41.37 3.42 0.00	42.67 3.38 0.00	45.32 3.47 0.01	48.08 3.68 0.00	41.97 3.04 0.00	35.48 2.41 0.00	31.76 2.19 0.00
GOWANUS_GT1_2 24078	25.88 1.94 0.00	21.96 1.66 0.00	19.39 1.45 0.00	18.68 1.37 0.00	17.96 1.35 0.00	25.60 1.76 0.00	32.09 1.76 0.00	36.67 2.37 0.00	39.93 2.75 0.00	38.90 3.01 0.00	39.05 2.96 0.00	38.94 2.98 0.00	37.72 2.95 0.00	36.95 2.89 0.00	35.85 2.81 0.00	34.93 2.83 0.01	37.64 3.11 0.00	41.37 3.42 0.00	42.67 3.38 0.00	45.32 3.47 0.01	48.08 3.68 0.00	41.97 3.04 0.00	35.48 2.41 0.00	31.76 2.19 0.00
GOWANUS_GT1_3 24079	25.88 1.94 0.00	21.96 1.66 0.00	19.39 1.45 0.00	18.68 1.37 0.00	17.96 1.35 0.00	25.60 1.76 0.00	32.09 1.76 0.00	36.67 2.37 0.00	39.93 2.75 0.00	38.90 3.01 0.00	39.05 2.96 0.00	38.94 2.98 0.00	37.72 2.95 0.00	36.95 2.89 0.00	35.85 2.81 0.00	34.93 2.83 0.01	37.64 3.11 0.00	41.37 3.42 0.00	42.67 3.38 0.00	45.32 3.47 0.01	48.08 3.68 0.00	41.97 3.04 0.00	35.48 2.41 0.00	31.76 2.19 0.00
GOWANUS_GT1_4 24080	25.88 1.94 0.00	21.96 1.66 0.00	19.39 1.45 0.00	18.68 1.37 0.00	17.96 1.35 0.00	25.60 1.76 0.00	32.09 1.76 0.00	36.67 2.37 0.00	39.93 2.75 0.00	38.90 3.01 0.00	39.05 2.96 0.00	38.94 2.98 0.00	37.72 2.95 0.00	36.95 2.89 0.00	35.85 2.81 0.00	34.93 2.83 0.01	37.64 3.11 0.00	41.37 3.42 0.00	42.67 3.38 0.00	45.32 3.47 0.01	48.08 3.68 0.00	41.97 3.04 0.00	35.48 2.41 0.00	31.76 2.19 0.00
GOWANUS_GT1_5 24084	25.88 1.94 0.00	21.96 1.66 0.00	19.39 1.45 0.00	18.68 1.37 0.00	17.96 1.35 0.00	25.60 1.76 0.00	32.09 1.76 0.00	36.67 2.37 0.00	39.93 2.75 0.00	38.90 3.01 0.00	39.05 2.96 0.00	38.94 2.98 0.00	37.72 2.95 0.00	36.95 2.89 0.00	35.85 2.81 0.00	34.93 2.83 0.01	37.64 3.11 0.00	41.37 3.42 0.00	42.67 3.38 0.00	45.32 3.47 0.01	48.08 3.68 0.00	41.97 3.04 0.00	35.48 2.41 0.00	31.76 2.19 0.00
GOWANUS_GT1_6 24111	25.88 1.94 0.00	21.96 1.66 0.00	19.39 1.45 0.00	18.68 1.37 0.00	17.96 1.35 0.00	25.60 1.76 0.00	32.09 1.76 0.00	36.67 2.37 0.00	39.93 2															

GOWANUS_GT2_6 24119	25.88 1.94 0.00	21.97 1.66 -0.01	19.37 1.42 -0.01	18.69 1.37 -0.01	17.97 1.35 -0.01	25.60 1.76 0.00	32.09 1.76 0.00	36.67 2.37 0.00	39.93 2.75 0.00	38.90 3.01 0.00	39.01 2.92 0.00	38.94 2.98 0.00	37.72 2.95 0.00	36.95 2.89 0.00	35.85 2.81 0.00	34.93 2.83 0.01	37.65 3.11 -0.01	41.38 3.42 -0.01	42.68 3.38 -0.01	45.36 3.52 0.01	48.13 3.73 0.00	41.97 3.04 0.00	35.48 2.41 0.00	31.76 2.19 0.00
GOWANUS_GT2_7 24120	25.88 1.94 0.00	21.97 1.66 -0.01	19.37 1.42 -0.01	18.69 1.37 -0.01	17.97 1.35 -0.01	25.60 1.76 0.00	32.09 1.76 0.00	36.67 2.37 0.00	39.93 2.75 0.00	38.90 3.01 0.00	39.01 2.92 0.00	38.94 2.98 0.00	37.72 2.95 0.00	36.95 2.89 0.00	35.85 2.81 0.00	34.93 2.83 0.01	37.65 3.11 -0.01	41.38 3.42 -0.01	42.68 3.38 -0.01	45.36 3.52 0.01	48.13 3.73 0.00	41.97 3.04 0.00	35.48 2.41 0.00	31.76 2.19 0.00
GOWANUS_GT2_8 24121	25.88 1.94 0.00	21.97 1.66 -0.01	19.37 1.42 -0.01	18.69 1.37 -0.01	17.97 1.35 -0.01	25.60 1.76 0.00	32.09 1.76 0.00	36.67 2.37 0.00	39.93 2.75 0.00	38.90 3.01 0.00	39.01 2.92 0.00	38.94 2.98 0.00	37.72 2.95 0.00	36.95 2.89 0.00	35.85 2.81 0.00	34.93 2.83 0.01	37.65 3.11 -0.01	41.38 3.42 -0.01	42.68 3.38 -0.01	45.36 3.52 0.01	48.13 3.73 0.00	41.97 3.04 0.00	35.48 2.41 0.00	31.76 2.19 0.00
GOWANUS_GT3_1 24122	25.88 1.94 0.00	21.97 1.66 -0.01	19.37 1.42 -0.01	18.69 1.37 -0.01	17.97 1.35 -0.01	25.60 1.76 0.00	32.09 1.76 0.00	36.67 2.37 0.00	39.93 2.75 0.00	38.90 3.01 0.00	39.01 2.92 0.00	38.94 2.98 0.00	37.72 2.95 0.00	36.95 2.89 0.00	35.85 2.81 0.00	34.93 2.83 0.01	37.65 3.11 -0.01	41.38 3.42 -0.01	42.68 3.38 -0.01	45.36 3.52 0.01	48.13 3.73 0.00	41.97 3.04 0.00	35.48 2.41 0.00	31.76 2.19 0.00
GOWANUS_GT3_2 24123	25.88 1.94 0.00	21.97 1.66 -0.01	19.37 1.42 -0.01	18.69 1.37 -0.01	17.97 1.35 -0.01	25.60 1.76 0.00	32.09 1.76 0.00	36.67 2.37 0.00	39.93 2.75 0.00	38.90 3.01 0.00	39.01 2.92 0.00	38.94 2.98 0.00	37.72 2.95 0.00	36.95 2.89 0.00	35.85 2.81 0.00	34.93 2.83 0.01	37.65 3.11 -0.01	41.38 3.42 -0.01	42.68 3.38 -0.01	45.36 3.52 0.01	48.13 3.73 0.00	41.97 3.04 0.00	35.48 2.41 0.00	31.76 2.19 0.00
GOWANUS_GT3_3 24124	25.88 1.94 0.00	21.97 1.66 -0.01	19.37 1.42 -0.01	18.69 1.37 -0.01	17.97 1.35 -0.01	25.60 1.76 0.00	32.09 1.76 0.00	36.67 2.37 0.00	39.93 2.75 0.00	38.90 3.01 0.00	39.01 2.92 0.00	38.94 2.98 0.00	37.72 2.95 0.00	36.95 2.89 0.00	35.85 2.81 0.00	34.93 2.83 0.01	37.65 3.11 -0.01	41.38 3.42 -0.01	42.68 3.38 -0.01	45.36 3.52 0.01	48.13 3.73 0.00	41.97 3.04 0.00	35.48 2.41 0.00	31.76 2.19 0.00
GOWANUS_GT3_4 24125	25.88 1.94 0.00	21.97 1.66 -0.01	19.37 1.42 -0.01	18.69 1.37 -0.01	17.97 1.35 -0.01	25.60 1.76 0.00	32.09 1.76 0.00	36.67 2.37 0.00	39.93 2.75 0.00	38.90 3.01 0.00	39.01 2.92 0.00	38.94 2.98 0.00	37.72 2.95 0.00	36.95 2.89 0.00	35.85 2.81 0.00	34.93 2.83 0.01	37.65 3.11 -0.01	41.38 3.42 -0.01	42.68 3.38 -0.01	45.36 3.52 0.01	48.13 3.73 0.00	41.97 3.04 0.00	35.48 2.41 0.00	31.76 2.19 0.00
GOWANUS_GT3_5 24126	25.88 1.94 0.00	21.97 1.66 -0.01	19.37 1.42 -0.01	18.69 1.37 -0.01	17.97 1.35 -0.01	25.60 1.76 0.00	32.09 1.76 0.00	36.67 2.37 0.00	39.93 2.75 0.00	38.90 3.01 0.00	39.01 2.92 0.00	38.94 2.98 0.00	37.72 2.95 0.00	36.95 2.89 0.00	35.85 2.81 0.00	34.93 2.83 0.01	37.65 3.11 -0.01	41.38 3.42 -0.01	42.68 3.38 -0.01	45.36 3.52 0.01	48.13 3.73 0.00	41.97 3.04 0.00	35.48 2.41 0.00	31.76 2.19 0.00
GOWANUS_GT3_6 24127	25.88 1.94 0.00	21.97 1.66 -0.01	19.37 1.42 -0.01	18.69 1.37 -0.01	17.97 1.35 -0.01	25.60 1.76 0.00	32.09 1.76 0.00	36.67 2.37 0.00	39.93 2.75 0.00	38.90 3.01 0.00	39.01 2.92 0.00	38.94 2.98 0.00	37.72 2.95 0.00	36.95 2.89 0.00	35.85 2.81 0.00	34.93 2.83 0.01	37.65 3.11 -0.01	41.38 3.42 -0.01	42.68 3.38 -0.01	45.36 3.52 0.01	48.13 3.73 0.00	41.97 3.04 0.00	35.48 2.41 0.00	31.76 2.19 0.00
GOWANUS_GT3_7 24128	25.88 1.94 0.00	21.97 1.66 -0.01	19.37 1.42 -0.01	18.69 1.37 -0.01	17.97 1.35 -0.01	25.60 1.76 0.00	32.09 1.76 0.00	36.67 2.37 0.00	39.93 2.75 0.00	38.90 3.01 0.00	39.01 2.92 0.00	38.94 2.98 0.00	37.72 2.95 0.00	36.95 2.89 0.00	35.85 2.81 0.00	34.93 2.83 0.01	37.65 3.11 -0.01	41.38 3.42 -0.01	42.68 3.38 -0.01	45.36 3.52 0.01	48.13 3.73 0.00	41.97 3.04 0.00	35.48 2.41 0.00	31.76 2.19 0.00
GOWANUS_GT3_8 24129	25.88 1.94 0.00	21.97 1.66 -0.01	19.37 1.42 -0.01	18.69 1.37 -0.01	17.97 1.35 -0.01	25.60 1.76 0.00	32.09 1.76 0.00	36.67 2.37 0.00	39.93 2.75 0.00	38.90 3.01 0.00	39.01 2.92 0.00	38.94 2.98 0.00	37.72 2.95 0.00	36.95 2.89 0.00	35.85 2.81 0.00	34.93 2.83 0.01	37.65 3.11 -0.01	41.38 3.42 -0.01	42.68 3.38 -0.01	45.36 3.52 0.01	48.13 3.73 0.00	41.97 3.04 0.00	35.48 2.41 0.00	31.76 2.19 0.00
GOWANUS_GT4_1 24130	25.88 1.94 0.00	21.96 1.66 0.00	19.39 1.45 0.00	18.68 1.37 0.00	17.96 1.35 0.00	25.60 1.76 0.00	32.09 1.76 0.00	36.67 2.37 0.00	39.93 2.75 0.00	38.90 3.01 0.00	39.05 2.96 0.00	38.94 2.98 0.00	37.72 2.95 0.00	36.95 2.89 0.00	35.85 2.81 0.00	34.93 2.83 0.01	37.64 3.11 0.00	41.37 3.42 0.00	42.67 3.38 0.00	45.32 3.47 0.01	48.08 3.68 0.00	41.97 3.04 0.00	35.48 2.41 0.00	31.76 2.19 0.00
GOWANUS_GT4_2 24131	25.88 1.94 0.00	21.96 1.66 0.00	19.39 1.45 0.00	18.68 1.37 0.00	17.96 1.35 0.00	25.60 1.76 0.00	32.09 1.76 0.00	36.67 2.37 0.00	39.93 2.75 0.00	38.90 3.01 0.00	39.05 2.96 0.00	38.94 2.98 0.00	37.72 2.95 0.00	36.95 2.89 0.00	35.85 2.81 0.00	34.93 2.83 0.01	37.64 3.11 0.00	41.37 3.42 0.00	42.67 3.38 0.00	45.32 3.47 0.01	48.08 3.68 0.00	41.97 3.04 0.00	35.48 2.41 0.00	31.76 2.19 0.00
GOWANUS_GT4_3 24132	25.88 1.94 0.00	21.96 1.66 0.00	19.39 1.45 0.00	18.68 1.37 0.00	17.96 1.35 0.00	25.60 1.76 0.00	32.09 1.76 0.00	36.67 2.37 0.00	39.93 2.75 0.00	38.90 3.01 0.00	39.05 2.96 0.00	38.94 2.98 0.00	37.72 2.95 0.00	36.95 2.89 0.00	35.85 2.81 0.00	34.93 2.83 0.01	37.64 3.11 0.00	41.37 3.42 0.00	42.67 3.38 0.00	45.32 3.47 0.01	48.08 3.68 0.00	41.97 3.04 0.00	35.48 2.41 0.00	31.76 2.19 0.00
GOWANUS_GT4_4 24133	25.88 1.94 0.00	21.96 1.66 0.00	19.39 1.45 0.00	18.68 1.37 0.00	17.96 1.35 0.00	25.60 1.76 0.00	32.09 1.76 0.00	36.67 2.37 0.00	39.93 2.75 0.00	38.90 3.01 0.00	39.05 2.96 0.00	38.94 2.98 0.00	37.72 2.95 0.00	36.95 2.89 0.00	35.85 2.81 0.00	34.93 2.83 0.01	37.64 3.11 0.00	41.37 3.42 0.00	42.67 3.38 0.00	45.32 3.47 0.01	48.08 3.68 0.00	41.97 3.04 0.00	35.48 2.41 0.00	31.76 2.19 0.00

GOWANUS_GT4_5 24134	25.88 1.94 0.00	21.96 1.66 0.00	19.39 1.45 0.00	18.68 1.37 0.00	17.96 1.35 0.00	25.60 1.76 0.00	32.09 1.76 0.00	36.67 2.37 0.00	39.93 2.75 0.00	38.90 3.01 0.00	39.05 2.96 0.00	38.94 2.98 0.00	37.72 2.95 0.00	36.95 2.89 0.00	35.85 2.81 0.00	34.93 2.83 0.01	37.64 3.11 0.00	41.37 3.42 0.00	42.67 3.38 0.00	45.32 3.47 0.01	48.08 3.68 0.00	41.97 3.04 0.00	35.48 2.41 0.00	31.76 2.19 0.00
GOWANUS_GT4_6 24135	25.88 1.94 0.00	21.96 1.66 0.00	19.39 1.45 0.00	18.68 1.37 0.00	17.96 1.35 0.00	25.60 1.76 0.00	32.09 1.76 0.00	36.67 2.37 0.00	39.93 2.75 0.00	38.90 3.01 0.00	39.05 2.96 0.00	38.94 2.98 0.00	37.72 2.95 0.00	36.95 2.89 0.00	35.85 2.81 0.00	34.93 2.83 0.01	37.64 3.11 0.00	41.37 3.42 0.00	42.67 3.38 0.00	45.32 3.47 0.01	48.08 3.68 0.00	41.97 3.04 0.00	35.48 2.41 0.00	31.76 2.19 0.00
GOWANUS_GT4_7 24136	25.88 1.94 0.00	21.96 1.66 0.00	19.39 1.45 0.00	18.68 1.37 0.00	17.96 1.35 0.00	25.60 1.76 0.00	32.09 1.76 0.00	36.67 2.37 0.00	39.93 2.75 0.00	38.90 3.01 0.00	39.05 2.96 0.00	38.94 2.98 0.00	37.72 2.95 0.00	36.95 2.89 0.00	35.85 2.81 0.00	34.93 2.83 0.01	37.64 3.11 0.00	41.37 3.42 0.00	42.67 3.38 0.00	45.32 3.47 0.01	48.08 3.68 0.00	41.97 3.04 0.00	35.48 2.41 0.00	31.76 2.19 0.00
GOWANUS_GT4_8 24137	25.88 1.94 0.00	21.96 1.66 0.00	19.39 1.45 0.00	18.68 1.37 0.00	17.96 1.35 0.00	25.60 1.76 0.00	32.09 1.76 0.00	36.67 2.37 0.00	39.93 2.75 0.00	38.90 3.01 0.00	39.05 2.96 0.00	38.94 2.98 0.00	37.72 2.95 0.00	36.95 2.89 0.00	35.85 2.81 0.00	34.93 2.83 0.01	37.64 3.11 0.00	41.37 3.42 0.00	42.67 3.38 0.00	45.32 3.47 0.01	48.08 3.68 0.00	41.97 3.04 0.00	35.48 2.41 0.00	31.76 2.19 0.00
GREATVR_69_KV_BK1 356245	26.46 2.51 -0.01	22.35 2.05 0.00	19.89 1.94 -0.01	19.08 1.77 0.00	18.31 1.69 0.00	26.32 2.48 0.00	32.67 2.34 0.00	37.43 3.12 -0.01	40.65 3.46 -0.01	39.48 3.59 -0.01	39.95 3.36 -0.50	41.02 3.56 -1.50	40.43 3.48 -2.18	40.78 3.44 -3.29	41.19 3.37 -4.78	42.04 3.31 -6.62	42.01 3.66 -3.81	43.28 4.02 -1.31	44.53 4.01 -1.23	47.16 4.23 -1.08	50.23 4.48 -1.35	45.25 3.85 -2.46	40.15 3.31 -3.78	34.30 2.96 -1.77
GREENBSH_115KV_TB3 55895	24.75 0.81 0.00	21.03 0.73 0.00	18.60 0.66 0.00	17.94 0.62 0.00	17.20 0.58 0.00	24.60 0.76 0.00	30.76 0.42 0.00	34.75 0.45 0.00	37.74 0.56 0.00	36.46 0.57 0.00	36.63 0.54 0.00	36.49 0.54 0.00	35.29 0.52 0.00	34.60 0.54 0.00	33.57 0.53 0.00	32.65 0.55 0.01	35.09 0.55 0.00	38.60 0.65 0.00	39.80 0.51 0.00	42.34 0.50 0.01	44.93 0.53 0.00	39.52 0.58 0.00	33.73 0.66 0.00	30.34 0.77 0.00
GREENDGE_115KV_TB5 80291	23.63 -0.31 0.00	20.10 -0.20 0.00	17.65 -0.29 0.00	17.06 -0.26 0.00	16.40 -0.22 0.00	23.43 -0.41 0.00	29.82 -0.52 0.00	33.82 -0.48 0.00	36.40 -0.78 0.00	34.59 -1.29 0.00	34.75 -1.34 0.00	34.45 -1.51 0.00	33.27 -1.49 0.00	32.59 -1.46 0.00	31.72 -1.32 0.00	30.78 -1.32 0.01	33.22 -1.31 0.00	36.55 -1.40 0.00	38.27 -1.02 0.00	41.17 -0.67 0.01	43.82 -0.58 0.00	38.35 -0.58 0.00	32.44 -0.63 0.00	29.36 -0.21 0.00
GREENIDGE___3 23582	23.63 -0.31 0.00	20.10 -0.20 0.00	17.65 -0.29 0.00	17.06 -0.26 0.00	16.40 -0.22 0.00	23.43 -0.41 0.00	29.82 -0.52 0.00	33.82 -0.48 0.00	36.40 -0.78 0.00	34.59 -1.29 0.00	34.75 -1.34 0.00	34.45 -1.51 0.00	33.27 -1.49 0.00	32.59 -1.46 0.00	31.72 -1.32 0.00	30.78 -1.32 0.01	33.22 -1.31 0.00	36.55 -1.40 0.00	38.27 -1.02 0.00	41.17 -0.67 0.01	43.82 -0.58 0.00	38.35 -0.58 0.00	32.44 -0.63 0.00	29.36 -0.21 0.00
GREENIDGE___4 23583	23.65 -0.29 0.00	20.10 -0.20 0.00	17.71 -0.23 0.00	17.06 -0.26 0.00	16.40 -0.22 0.00	23.43 -0.41 0.00	29.82 -0.52 0.00	33.82 -0.48 0.00	36.40 -0.78 0.00	34.59 -1.29 0.00	34.82 -1.26 0.00	34.45 -1.51 0.00	33.31 -1.46 0.00	32.62 -1.43 0.00	31.72 -1.32 0.00	30.78 -1.32 0.01	33.22 -1.31 0.00	36.55 -1.40 0.00	38.27 -1.02 0.00	41.17 -0.67 0.01	43.42 -0.98 0.00	38.35 -0.58 0.00	32.44 -0.63 0.00	29.37 -0.21 0.00
GREENLWN_69_KV_BK 3 55738	26.01 2.06 -0.01	22.02 1.73 0.00	19.55 1.60 -0.01	18.77 1.45 0.00	18.01 1.40 0.00	25.86 2.03 0.00	32.21 1.88 0.00	36.89 2.57 -0.01	40.09 2.90 -0.01	38.91 3.01 -0.01	39.39 2.85 -0.45	40.26 2.95 -1.36	39.65 2.92 -1.97	39.92 2.89 -2.97	40.32 2.68 -4.60	41.05 2.57 -6.37	40.97 2.83 -3.60	42.13 3.00 -1.18	43.23 2.83 -1.11	45.80 2.97 -0.98	48.77 3.15 -1.22	43.91 2.76 -2.22	39.32 2.55 -3.71	33.70 2.37 -1.76
GREENWD_138_KV_38B11_REV_LBMP_J 345004	25.88 1.94 0.00	21.96 1.66 0.00	19.39 1.45 0.00	18.68 1.37 0.00	17.96 1.35 0.00	25.60 1.76 0.00	32.09 1.76 0.00	36.67 2.37 0.00	39.93 2.75 0.00	38.90 3.01 0.00	39.05 2.96 0.00	38.94 2.98 0.00	37.72 2.95 0.00	36.95 2.89 0.00	35.85 2.81 0.00	34.93 2.83 0.01	37.64 3.11 0.00	41.37 3.42 0.00	42.67 3.38 0.00	45.32 3.47 0.01	48.08 3.68 0.00	41.97 3.04 0.00	35.48 2.41 0.00	31.76 2.19 0.00
GRISSOM___SOLAR 323813	25.76 1.82 0.00	21.82 1.52 0.00	19.27 1.33 0.00	18.58 1.26 0.00	17.86 1.25 0.00	25.63 1.79 0.00	32.33 2.00 0.00	36.60 2.30 0.00	40.23 3.05 0.00	38.58 2.69 0.00	38.87 2.78 0.00	38.62 2.66 0.00	37.13 2.37 0.00	36.40 2.35 0.00	35.29 2.25 0.00	34.35 2.25 0.01	36.85 2.31 0.00	40.61 2.66 0.00	42.20 2.91 0.00	44.86 3.02 0.01	47.64 3.24 0.00	41.97 3.04 0.00	35.55 2.48 0.00	31.88 2.31 0.00
GROVEVILLE___HYD 323602	25.52 1.58 0.00	21.66 1.36 0.00	19.11 1.17 0.00	18.44 1.13 0.00	17.71 1.10 0.00	25.36 1.53 0.00	31.79 1.46 0.00	36.16 1.85 0.00	39.34 2.16 0.00	38.32 2.44 0.00	38.43 2.35 0.00	38.36 2.41 0.00	37.09 2.33 0.00	36.33 2.28 0.00	35.25 2.21 0.00	34.29 2.18 0.01	36.92 2.38 0.00	40.53 2.58 0.00	41.80 2.51 0.00	44.56 2.72 0.01	47.33 2.93 0.00	41.46 2.53 0.00	35.05 1.98 0.00	31.40 1.83 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	23.79 -0.14 0.00	20.22 -0.08 0.00	17.82 -0.13 0.00	17.19 -0.12 0.00	16.51 -0.10 0.00	23.65 -0.19 0.00	30.00 -0.33 0.00	33.79 -0.51 0.00	36.55 -0.63 0.00	35.09 -0.79 0.00	35.33 -0.76 0.00	35.16 -0.79 0.00	33.93 -0.83 0.00	33.24 -0.82 0.00	32.28 -0.76 0.00	31.34 -0.77 0.00	33.70 -0.83 0.00	37.08 -0.87 0.00	38.54 -0.75 0.00	41.18 -0.67 0.00	43.73 -0.67 0.00	38.31 -0.62 0.00	32.50 -0.56 0.00	29.42 -0.15 0.00
HAMLTNNY_34_KV_TB 80303	23.70 -0.24 0.00	20.14 -0.16 0.00	17.74 -0.20 0.00	17.13 -0.19 0.00	16.45 -0.17 0.00	23.53 -0.31 0.00	29.88 -0.45 0.00	33.69 -0.62 0.00	36.40 -0.78 0.00	34.91 -0.97 0.00	35.15 -0.94 0.00	34.95 -1.01 0.00	33.62 -1.15 0.00	32.90 -1.16 0.00	32.05 -0.99 0.00	31.11 -1.00 0.00	33.53 -1.00 0.00	36.89 -1.06 0.00	38.38 -0.90 0.00	41.10 -0.75 0.00	43.64 -0.75 0.00	38.19 -0.74 0.00	32.40 -0.66 0.00	29.33 -0.24 0.00

HAMPSHIRE___PAPER_HYD 323593	23.12 -0.81 0.00	19.59 -0.71 0.00	17.30 -0.65 0.00	16.71 -0.61 0.00	16.02 -0.60 0.00	23.19 -0.64 0.00	29.85 -0.49 0.00	33.69 -0.62 0.00	36.47 -0.71 0.00	35.09 -0.79 0.00	35.33 -0.76 0.00	35.20 -0.76 0.00	33.93 -0.83 0.00	33.17 -0.89 0.00	32.18 -0.86 0.00	31.30 -0.80 0.00	33.74 -0.79 0.00	37.27 -0.68 0.00	38.82 -0.47 0.00	41.35 -0.50 0.01	43.82 -0.58 0.00	38.42 -0.51 0.00	32.37 -0.70 0.00	28.62 -0.95 0.00
HARDSCRABBLE_WT_PWR 323673	23.43 -0.50 0.00	19.83 -0.47 0.00	17.51 -0.43 0.00	16.87 -0.45 0.00	16.17 -0.45 0.00	23.19 -0.64 0.00	29.30 -1.03 0.00	33.17 -1.13 0.00	36.14 -1.04 0.00	34.88 -1.00 0.00	35.22 -0.87 0.00	35.13 -0.83 0.00	33.97 -0.80 0.00	33.24 -0.82 0.00	32.25 -0.79 0.00	31.33 -0.77 0.01	33.70 -0.83 0.00	37.04 -0.91 0.00	38.39 -0.90 0.00	40.96 -0.88 0.01	43.46 -0.93 0.00	38.11 -0.82 0.00	32.37 -0.70 0.00	29.16 -0.41 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	25.28 1.34 0.00	21.44 1.14 0.00	18.95 1.00 0.00	18.29 0.97 0.00	17.56 0.95 0.00	25.12 1.29 0.00	31.55 1.21 0.00	35.88 1.58 0.00	39.00 1.82 0.00	37.93 2.05 0.00	38.07 1.98 0.00	37.97 2.01 0.00	36.75 1.98 0.00	35.99 1.94 0.00	34.92 1.88 0.00	33.97 1.86 0.01	36.61 2.07 0.00	40.15 2.20 0.00	41.41 2.12 0.00	44.15 2.30 0.01	46.88 2.49 0.00	41.07 2.14 0.00	34.69 1.62 0.00	31.08 1.51 0.00
HARSNRAD_115KV_TB1 81005	22.45 -1.48 0.00	19.18 -1.12 0.00	16.74 -1.20 0.00	16.23 -1.09 0.00	15.58 -1.03 0.00	22.03 -1.81 0.00	27.78 -2.55 0.00	31.52 -2.78 0.00	33.57 -3.61 0.00	31.61 -4.27 0.00	31.76 -4.33 0.00	31.42 -4.53 0.00	30.56 -4.21 0.00	30.00 -4.05 0.00	29.37 -3.67 0.00	28.47 -3.63 0.01	30.70 -3.83 0.00	33.59 -4.36 0.00	35.28 -4.01 0.00	38.07 -3.77 0.01	40.53 -3.86 0.00	35.47 -3.46 0.00	30.35 -2.71 0.00	27.80 -1.77 0.00
HARZA MOOSE___RIVER 24016	24.15 0.22 0.00	20.44 0.14 0.00	18.03 0.09 0.00	17.39 0.07 0.00	16.73 0.12 0.00	24.12 0.29 0.00	30.55 0.21 0.00	34.41 0.10 0.00	37.37 0.19 0.00	35.88 0.00 0.00	36.20 0.11 0.00	35.99 0.04 0.00	34.73 -0.03 0.00	33.95 -0.10 0.00	32.94 -0.10 0.00	32.04 -0.06 0.01	34.53 0.00 0.00	38.14 0.19 0.00	39.68 0.39 0.00	42.43 0.59 0.01	45.06 0.67 0.00	39.44 0.51 0.00	33.23 0.17 0.00	29.78 0.21 0.00
HDSNBRDG_115KV_BRDG_TB1 355580	23.79 -0.14 0.00	20.20 -0.10 0.00	17.82 -0.13 0.00	17.18 -0.14 0.00	16.51 -0.10 0.00	23.62 -0.21 0.00	29.94 -0.39 0.00	33.72 -0.58 0.00	36.44 -0.74 0.00	34.99 -0.90 0.00	35.22 -0.87 0.00	35.06 -0.90 0.00	33.83 -0.94 0.00	33.13 -0.92 0.00	32.18 -0.86 0.00	31.24 -0.87 0.01	33.60 -0.93 0.00	36.96 -0.99 0.00	38.38 -0.90 0.00	41.05 -0.80 0.01	43.60 -0.80 0.00	38.19 -0.74 0.00	32.44 -0.63 0.00	29.39 -0.18 0.00
HELLGATE_13_KV_LD 55870	25.88 1.94 0.00	21.98 1.68 0.00	19.41 1.47 0.00	18.72 1.40 0.00	17.98 1.36 0.00	25.63 1.79 0.00	32.12 1.79 0.00	36.70 2.40 0.00	39.97 2.79 0.00	38.93 3.05 0.00	39.08 3.00 0.00	38.98 3.02 0.00	37.75 2.99 0.00	36.98 2.93 0.00	35.88 2.84 0.00	34.93 2.83 0.01	37.64 3.11 0.00	41.37 3.42 0.00	42.59 3.30 0.00	45.23 3.39 0.01	47.99 3.60 0.00	41.89 2.96 0.00	35.41 2.35 0.00	31.73 2.16 0.00
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	25.88 1.94 0.00	21.98 1.68 0.00	19.41 1.47 0.00	18.72 1.40 0.00	17.98 1.36 0.00	25.63 1.79 0.00	32.12 1.79 0.00	36.70 2.40 0.00	39.97 2.79 0.00	38.93 3.05 0.00	39.08 3.00 0.00	38.98 3.02 0.00	37.75 2.99 0.00	36.98 2.93 0.00	35.88 2.84 0.00	34.93 2.83 0.01	37.64 3.11 0.00	41.37 3.42 0.00	42.59 3.30 0.00	45.23 3.39 0.01	47.99 3.60 0.00	41.89 2.96 0.00	35.41 2.35 0.00	31.73 2.16 0.00
HEMPSTEAD____ 23647	25.89 1.94 -0.01	21.94 1.64 0.00	19.37 1.42 -0.01	18.68 1.37 0.00	17.93 1.31 0.00	25.75 1.91 0.00	32.12 1.79 0.00	36.75 2.44 -0.01	39.95 2.75 -0.01	38.77 2.87 -0.02	40.84 2.74 -2.01	44.86 2.84 -6.07	46.37 2.78 -8.82	49.73 2.73 -12.95	46.86 2.64 -11.18	50.43 2.60 -15.72	48.27 2.86 -10.87	46.29 3.07 -5.26	47.19 2.95 -4.96	49.42 3.18 -4.39	53.21 3.37 -5.44	51.79 2.88 -9.98	42.22 2.41 -6.74	34.42 2.25 -2.60
HICKLING___1 23621	23.70 -0.24 0.00	20.16 -0.14 0.00	17.69 -0.25 0.00	17.07 -0.24 0.00	16.41 -0.20 0.00	23.46 -0.38 0.00	29.79 -0.55 0.00	33.86 -0.45 0.00	36.33 -0.86 0.00	34.52 -1.36 0.00	34.72 -1.37 0.00	34.41 -1.55 0.00	33.23 -1.53 0.00	32.59 -1.46 0.00	31.72 -1.32 0.00	30.75 -1.35 0.01	33.19 -1.35 0.00	36.40 -1.56 0.00	38.11 -1.18 0.00	41.09 -0.75 0.01	43.78 -0.62 0.00	38.39 -0.55 0.00	32.47 -0.60 0.00	29.45 -0.12 0.00
HICKLING___2 23622	23.70 -0.24 0.00	20.16 -0.14 0.00	17.69 -0.25 0.00	17.07 -0.24 0.00	16.41 -0.20 0.00	23.46 -0.38 0.00	29.79 -0.55 0.00	33.86 -0.45 0.00	36.33 -0.86 0.00	34.52 -1.36 0.00	34.72 -1.37 0.00	34.41 -1.55 0.00	33.23 -1.53 0.00	32.59 -1.46 0.00	31.72 -1.32 0.00	30.75 -1.35 0.01	33.19 -1.35 0.00	36.40 -1.56 0.00	38.11 -1.18 0.00	41.09 -0.75 0.01	43.78 -0.62 0.00	38.39 -0.55 0.00	32.47 -0.60 0.00	29.45 -0.12 0.00
HIGH FALLS___HY 23754	25.49 1.56 0.00	21.62 1.32 0.00	19.09 1.15 0.00	18.42 1.11 0.00	17.71 1.10 0.00	25.36 1.53 0.00	31.85 1.52 0.00	36.33 2.02 0.00	39.49 2.31 0.00	38.39 2.51 0.00	38.50 2.42 0.00	38.40 2.44 0.00	37.13 2.36 0.00	36.37 2.32 0.00	35.29 2.25 0.00	34.32 2.22 0.01	37.12 2.59 0.00	40.61 2.66 0.00	41.92 2.63 0.00	44.73 2.89 0.01	47.55 3.15 0.00	41.58 2.65 0.00	35.08 2.02 0.00	31.40 1.83 0.00
HIGH_RIVER___SOLAR 323847	25.16 1.22 0.00	21.33 1.03 0.00	18.86 0.91 0.00	18.18 0.87 0.00	17.48 0.86 0.00	25.03 1.19 0.00	31.55 1.21 0.00	35.68 1.37 0.00	38.89 1.71 0.00	37.42 1.54 0.00	37.64 1.55 0.00	37.43 1.47 0.00	36.05 1.29 0.00	35.35 1.29 0.00	34.26 1.22 0.00	33.39 1.29 0.01	35.85 1.31 0.00	39.51 1.56 0.00	40.98 1.69 0.00	43.73 1.89 0.01	46.44 2.04 0.00	40.84 1.91 0.00	34.65 1.59 0.00	31.11 1.54 0.00
HILLBURN___GT 23639	25.28 1.34 0.00	21.46 1.16 0.00	18.93 0.99 0.00	18.29 0.97 0.00	17.56 0.95 0.00	25.12 1.29 0.00	31.55 1.21 0.00	35.92 1.61 0.00	39.04 1.86 0.00	37.96 2.08 0.00	38.07 1.98 0.00	38.00 2.05 0.00	36.81 2.05 0.00	36.06 2.01 0.00	34.99 1.95 0.00	34.06 1.96 0.01	36.68 2.14 0.00	40.23 2.28 0.00	41.45 2.16 0.00	44.19 2.34 0.01	46.93 2.53 0.00	41.07 2.14 0.00	34.69 1.62 0.00	31.08 1.51 0.00
HILLSIDE_115KV_TB1 80332	23.55 -0.38 0.00	20.03 -0.26 0.00	17.58 -0.36 0.00	16.99 -0.33 0.00	16.33 -0.28 0.00	23.27 -0.57 0.00	29.51 -0.82 0.00	33.51 -0.79 0.00	35.95 -1.23 0.00	34.27 -1.61 0.00	34.46 -1.62 0.00	34.16 -1.80 0.00	33.03 -1.74 0.00	32.42 -1.63 0.00	31.52 -1.52 0.00	30.59 -1.51 0.01	33.01 -1.52 0.00	36.21 -1.75 0.00	37.80 -1.49 0.00	40.59 -1.26 0.01	43.24 -1.15 0.00	37.96 -0.97 0.00	32.11 -0.96 0.00	29.13 -0.44 0.00

HISHELDN_WT_PWR 323625	22.64 -1.29 0.00	19.24 -1.06 0.00	16.92 -1.02 0.00	16.29 -1.02 0.00	15.65 -0.96 0.00	22.29 -1.55 0.00	28.33 -2.00 0.00	32.18 -2.13 0.00	34.20 -2.98 0.00	32.26 -3.62 0.00	32.59 -3.50 0.00	32.04 -3.92 0.00	31.11 -3.65 0.00	30.55 -3.51 0.00	29.80 -3.24 0.00	28.89 -3.21 0.01	31.11 -3.42 0.00	34.08 -3.87 0.00	35.83 -3.46 0.00	38.75 -3.10 0.01	41.29 -3.11 0.00	36.28 -2.65 0.00	30.92 -2.15 0.00	28.21 -1.36 0.00
HOLTSVILLE_IC_1 23690	26.17 2.23 -0.01	22.15 1.85 0.00	19.60 1.65 -0.01	18.93 1.61 0.00	18.14 1.53 0.00	26.10 2.27 0.00	32.30 1.97 0.00	37.02 2.71 -0.01	40.20 3.01 -0.01	39.05 3.16 -0.01	39.38 2.92 -0.37	40.16 3.09 -1.11	39.44 3.06 -1.62	39.54 3.03 -2.46	40.21 2.91 -4.26	40.88 2.89 -5.88	40.93 3.18 -3.23	42.34 3.42 -0.97	43.58 3.38 -0.91	46.29 3.64 -0.80	49.22 3.82 -1.00	44.02 3.27 -1.81	39.46 2.84 -3.56	33.86 2.57 -1.72
HOLTSVILLE_IC_10 23699	26.29 2.35 -0.01	22.23 1.93 0.00	19.69 1.74 -0.01	19.00 1.68 0.00	18.23 1.61 0.00	26.20 2.36 0.00	32.42 2.09 0.00	37.19 2.88 -0.01	40.39 3.20 -0.01	39.23 3.34 -0.01	39.59 3.10 -0.40	40.46 3.31 -1.20	39.75 3.23 -1.75	39.90 3.20 -2.65	40.53 3.10 -4.38	41.25 3.08 -6.06	41.28 3.39 -3.36	42.68 3.68 -1.05	43.93 3.65 -0.99	46.65 3.93 -0.86	49.65 4.17 -1.08	44.44 3.54 -1.96	39.71 3.04 -3.61	34.02 2.72 -1.73
HOLTSVILLE_IC_2 23691	26.17 2.23 -0.01	22.15 1.85 0.00	19.60 1.65 -0.01	18.93 1.61 0.00	18.14 1.53 0.00	26.10 2.27 0.00	32.30 1.97 0.00	37.02 2.71 -0.01	40.20 3.01 -0.01	39.05 3.16 -0.01	39.38 2.92 -0.37	40.16 3.09 -1.11	39.44 3.06 -1.62	39.54 3.03 -2.46	40.21 2.91 -4.26	40.88 2.89 -5.88	40.93 3.18 -3.23	42.34 3.42 -0.97	43.58 3.38 -0.91	46.29 3.64 -0.80	49.22 3.82 -1.00	44.02 3.27 -1.81	39.46 2.84 -3.56	33.86 2.57 -1.72
HOLTSVILLE_IC_3 23692	26.17 2.23 -0.01	22.15 1.85 0.00	19.60 1.65 -0.01	18.93 1.61 0.00	18.14 1.53 0.00	26.10 2.27 0.00	32.30 1.97 0.00	37.02 2.71 -0.01	40.20 3.01 -0.01	39.05 3.16 -0.01	39.38 2.92 -0.37	40.16 3.09 -1.11	39.44 3.06 -1.62	39.54 3.03 -2.46	40.21 2.91 -4.26	40.88 2.89 -5.88	40.93 3.18 -3.23	42.34 3.42 -0.97	43.58 3.38 -0.91	46.29 3.64 -0.80	49.22 3.82 -1.00	44.02 3.27 -1.81	39.46 2.84 -3.56	33.86 2.57 -1.72
HOLTSVILLE_IC_4 23693	26.17 2.23 -0.01	22.15 1.85 0.00	19.60 1.65 -0.01	18.93 1.61 0.00	18.14 1.53 0.00	26.10 2.27 0.00	32.30 1.97 0.00	37.02 2.71 -0.01	40.20 3.01 -0.01	39.05 3.16 -0.01	39.38 2.92 -0.37	40.16 3.09 -1.11	39.44 3.06 -1.62	39.54 3.03 -2.46	40.21 2.91 -4.26	40.88 2.89 -5.88	40.93 3.18 -3.23	42.34 3.42 -0.97	43.58 3.38 -0.91	46.29 3.64 -0.80	49.22 3.82 -1.00	44.02 3.27 -1.81	39.46 2.84 -3.56	33.86 2.57 -1.72
HOLTSVILLE_IC_5 23694	26.17 2.23 -0.01	22.15 1.85 0.00	19.60 1.65 -0.01	18.93 1.61 0.00	18.14 1.53 0.00	26.10 2.27 0.00	32.30 1.97 0.00	37.02 2.71 -0.01	40.20 3.01 -0.01	39.05 3.16 -0.01	39.38 2.92 -0.37	40.16 3.09 -1.11	39.44 3.06 -1.62	39.54 3.03 -2.46	40.21 2.91 -4.26	40.88 2.89 -5.88	40.93 3.18 -3.23	42.34 3.42 -0.97	43.58 3.38 -0.91	46.29 3.64 -0.80	49.22 3.82 -1.00	44.02 3.27 -1.81	39.46 2.84 -3.56	33.86 2.57 -1.72
HOLTSVILLE_IC_6 23695	26.29 2.35 -0.01	22.23 1.93 0.00	19.69 1.74 -0.01	19.00 1.68 0.00	18.23 1.61 0.00	26.20 2.36 0.00	32.42 2.09 0.00	37.19 2.88 -0.01	40.39 3.20 -0.01	39.23 3.34 -0.01	39.59 3.10 -0.40	40.46 3.31 -1.20	39.75 3.23 -1.75	39.90 3.20 -2.65	40.53 3.10 -4.38	41.25 3.08 -6.06	41.28 3.39 -3.36	42.68 3.68 -1.05	43.93 3.65 -0.99	46.65 3.93 -0.86	49.65 4.17 -1.08	44.44 3.54 -1.96	39.71 3.04 -3.61	34.02 2.72 -1.73
HOLTSVILLE_IC_7 23696	26.29 2.35 -0.01	22.23 1.93 0.00	19.69 1.74 -0.01	19.00 1.68 0.00	18.23 1.61 0.00	26.20 2.36 0.00	32.42 2.09 0.00	37.19 2.88 -0.01	40.39 3.20 -0.01	39.23 3.34 -0.01	39.59 3.10 -0.40	40.46 3.31 -1.20	39.75 3.23 -1.75	39.90 3.20 -2.65	40.53 3.10 -4.38	41.25 3.08 -6.06	41.28 3.39 -3.36	42.68 3.68 -1.05	43.93 3.65 -0.99	46.65 3.93 -0.86	49.65 4.17 -1.08	44.44 3.54 -1.96	39.71 3.04 -3.61	34.02 2.72 -1.73
HOLTSVILLE_IC_8 23697	26.29 2.35 -0.01	22.23 1.93 0.00	19.69 1.74 -0.01	19.00 1.68 0.00	18.23 1.61 0.00	26.20 2.36 0.00	32.42 2.09 0.00	37.19 2.88 -0.01	40.39 3.20 -0.01	39.23 3.34 -0.01	39.59 3.10 -0.40	40.46 3.31 -1.20	39.75 3.23 -1.75	39.90 3.20 -2.65	40.53 3.10 -4.38	41.25 3.08 -6.06	41.28 3.39 -3.36	42.68 3.68 -1.05	43.93 3.65 -0.99	46.65 3.93 -0.86	49.65 4.17 -1.08	44.44 3.54 -1.96	39.71 3.04 -3.61	34.02 2.72 -1.73
HOLTSVILLE_IC_9 23698	26.29 2.35 -0.01	22.23 1.93 0.00	19.69 1.74 -0.01	19.00 1.68 0.00	18.23 1.61 0.00	26.20 2.36 0.00	32.42 2.09 0.00	37.19 2.88 -0.01	40.39 3.20 -0.01	39.23 3.34 -0.01	39.59 3.10 -0.40	40.46 3.31 -1.20	39.75 3.23 -1.75	39.90 3.20 -2.65	40.53 3.10 -4.38	41.25 3.08 -6.06	41.28 3.39 -3.36	42.68 3.68 -1.05	43.93 3.65 -0.99	46.65 3.93 -0.86	49.65 4.17 -1.08	44.44 3.54 -1.96	39.71 3.04 -3.61	34.02 2.72 -1.73
HOMER_HL_115KV_TB2 355744	23.05 -0.89 0.00	19.65 -0.65 0.00	17.19 -0.75 0.00	16.66 -0.66 0.00	16.00 -0.61 0.00	22.74 -1.10 0.00	28.82 -1.52 0.00	32.93 -1.37 0.00	35.17 -2.01 0.00	33.19 -2.69 0.00	33.31 -2.78 0.00	32.90 -3.06 0.00	31.95 -2.82 0.00	31.40 -2.66 0.00	30.53 -2.51 0.00	29.60 -2.50 0.01	31.98 -2.56 0.00	34.92 -3.04 0.00	36.70 -2.59 0.00	39.58 -2.26 0.01	42.31 -2.09 0.00	37.10 -1.83 0.00	31.35 -1.72 0.00	28.54 -1.03 0.00
HOWARD_WT_PWR 323690	22.98 -0.96 0.00	19.55 -0.75 0.00	17.20 -0.74 0.00	16.61 -0.71 0.00	16.00 -0.61 0.00	22.91 -0.93 0.00	29.24 -1.09 0.00	33.24 -1.06 0.00	36.85 -0.34 0.00	34.77 -1.11 0.00	34.90 -1.19 0.00	34.41 -1.55 0.00	33.10 -1.67 0.00	32.32 -1.74 0.00	31.29 -1.75 0.00	30.24 -1.86 0.01	32.60 -1.93 0.00	36.09 -1.86 0.00	38.15 -1.14 0.00	41.30 -0.55 0.01	43.91 -0.49 0.00	38.50 -0.43 0.00	32.31 -0.76 0.00	29.13 -0.44 0.00
HQ_GEN_CEDARS 23644	23.36 -0.57 0.00	19.81 -0.49 0.00	17.53 -0.41 0.00	16.95 -0.36 0.00	16.18 -0.43 0.00	23.43 -0.41 0.00	30.58 0.24 0.00	34.61 0.31 0.00	37.48 0.30 0.00	36.21 0.32 0.00	36.41 0.32 0.00	36.35 0.40 0.00	35.15 0.38 0.00	34.36 0.31 0.00	33.27 0.23 0.00	32.36 0.26 0.00	34.88 0.35 0.00	38.33 0.38 0.00	39.76 0.47 0.00	42.18 0.33 0.00	44.49 0.09 0.00	39.17 0.23 0.00	33.20 0.13 0.00	29.07 -0.50 0.00
HQ_GEN_CEDARS_PROXY 323590	23.36 -0.57 0.00	19.81 -0.49 0.00	17.53 -0.41 0.00	16.95 -0.36 0.00	16.18 -0.43 0.00	22.81 -0.41 0.62	30.59 0.24 -0.02	35.22 0.31 -0.61	37.48 0.30 0.00	36.21 0.32 0.00	36.37 0.29 0.00	36.35 0.40 0.00	35.08 0.31 0.00	34.36 0.31 0.00	33.27 0.23 0.00	32.36 0.26 0.00	34.88 0.35 0.00	38.29 0.34 0.00	39.76 0.47 0.00	42.14 0.30 0.00	44.44 0.04 0.00	39.21 0.27 0.00	33.38 0.13 -0.18	28.89 -0.50 0.18

HQ_GEN_IMPORT 323601	23.63 -0.31 0.00	20.01 -0.28 0.00	17.69 -0.25 0.00	17.09 -0.23 0.00	16.38 -0.23 0.00	5.00 -0.21 18.62	48.41 0.06 -18.01	35.02 0.10 -0.61	37.29 0.11 0.00	35.99 0.11 0.00	36.20 0.11 0.00	36.10 0.14 0.00	34.87 0.10 0.00	34.16 0.10 0.00	33.14 0.10 0.00	32.17 0.06 0.00	34.64 0.10 0.00	38.07 0.11 0.00	39.41 0.12 0.00	41.94 0.08 0.00	44.44 0.04 0.00	38.97 0.04 0.00	33.28 0.03 -0.18	29.19 -0.21 0.18
HQ_GEN_WHEEL 23651	23.63 -0.31 0.00	20.01 -0.28 0.00	17.69 -0.25 0.00	17.09 -0.23 0.00	16.38 -0.23 0.00	5.00 -0.21 18.62	48.41 0.06 -18.01	35.02 0.10 -0.61	37.29 0.11 0.00	35.99 0.11 0.00	36.20 0.11 0.00	36.10 0.14 0.00	34.87 0.10 0.00	34.16 0.10 0.00	33.14 0.10 0.00	32.17 0.06 0.00	34.64 0.10 0.00	38.07 0.11 0.00	39.41 0.12 0.00	41.94 0.08 0.00	44.44 0.04 0.00	38.97 0.04 0.00	33.28 0.03 -0.18	29.19 -0.21 0.18
HUDSON AVE_GT_3 23810	25.71 1.77 0.00	21.84 1.54 0.00	19.29 1.35 0.00	18.60 1.28 0.00	17.86 1.25 0.00	25.53 1.69 0.00	32.06 1.73 0.00	36.60 2.30 0.00	39.82 2.64 0.00	38.75 2.87 0.00	38.90 2.81 0.00	38.80 2.84 0.00	37.58 2.82 0.00	36.81 2.76 0.00	35.72 2.68 0.00	34.74 2.63 0.01	37.43 2.90 0.00	41.14 3.19 0.00	42.35 3.06 0.00	44.98 3.14 0.01	47.73 3.33 0.00	41.77 2.84 0.00	35.35 2.28 0.00	31.67 2.10 0.00
HUDSON AVE_GT_4 23540	25.71 1.77 0.00	21.84 1.54 0.00	19.29 1.35 0.00	18.60 1.28 0.00	17.86 1.25 0.00	25.53 1.69 0.00	32.06 1.73 0.00	36.60 2.30 0.00	39.82 2.64 0.00	38.75 2.87 0.00	38.90 2.81 0.00	38.80 2.84 0.00	37.58 2.82 0.00	36.81 2.76 0.00	35.72 2.68 0.00	34.74 2.63 0.01	37.43 2.90 0.00	41.14 3.19 0.00	42.35 3.06 0.00	44.98 3.14 0.01	47.73 3.33 0.00	41.77 2.84 0.00	35.35 2.28 0.00	31.67 2.10 0.00
HUDSON AVE_GT_5 23657	25.71 1.77 0.00	21.84 1.54 0.00	19.29 1.35 0.00	18.60 1.28 0.00	17.86 1.25 0.00	25.53 1.69 0.00	32.06 1.73 0.00	36.60 2.30 0.00	39.82 2.64 0.00	38.75 2.87 0.00	38.90 2.81 0.00	38.80 2.84 0.00	37.58 2.82 0.00	36.81 2.76 0.00	35.72 2.68 0.00	34.74 2.63 0.01	37.43 2.90 0.00	41.14 3.19 0.00	42.35 3.06 0.00	44.98 3.14 0.01	47.73 3.33 0.00	41.77 2.84 0.00	35.35 2.28 0.00	31.67 2.10 0.00
HUDSON_AVE_10 24168	25.57 1.65 0.02	21.74 1.44 0.00	19.20 1.26 0.00	18.49 1.18 0.00	17.78 1.16 0.00	25.40 1.57 0.01	31.86 1.55 0.02	36.38 2.09 0.02	39.58 2.42 0.02	38.52 2.66 0.02	38.67 2.60 0.02	38.60 2.66 0.02	37.37 2.61 0.00	36.59 2.55 0.02	35.52 2.48 0.00	34.58 2.47 0.01	37.23 2.69 0.00	40.90 2.96 0.02	42.10 2.83 0.02	44.71 2.89 0.03	47.44 3.06 0.02	41.52 2.61 0.02	35.14 2.08 0.01	31.49 1.92 0.01
HUDSON___115KV_TB 4 355613	25.09 1.15 0.00	21.31 1.01 0.00	18.82 0.88 0.00	18.16 0.85 0.00	17.41 0.80 0.00	24.93 1.10 0.00	31.21 0.88 0.00	35.23 0.93 0.00	38.22 1.04 0.00	36.89 1.00 0.00	36.95 0.87 0.00	36.82 0.86 0.00	35.49 0.73 0.00	34.80 0.75 0.00	33.77 0.73 0.00	32.91 0.80 0.01	35.40 0.86 0.00	39.01 1.06 0.00	40.35 1.06 0.00	43.10 1.26 0.01	45.73 1.33 0.00	40.26 1.32 0.00	34.26 1.19 0.00	30.81 1.24 0.00
HUNTER MOUNT___DRP 323613	25.16 1.22 0.00	21.35 1.06 0.00	18.87 0.93 0.00	18.20 0.88 0.00	17.44 0.83 0.00	25.01 1.17 0.00	31.30 0.97 0.00	35.26 0.96 0.00	38.26 1.08 0.00	36.92 1.04 0.00	36.99 0.90 0.00	36.85 0.90 0.00	35.49 0.73 0.00	34.80 0.75 0.00	33.77 0.73 0.00	32.87 0.77 0.01	35.36 0.83 0.00	39.01 1.06 0.00	40.39 1.10 0.00	43.14 1.30 0.01	45.82 1.42 0.00	40.33 1.40 0.00	34.32 1.26 0.00	30.90 1.33 0.00
HUNTINGTON_RES_REC 323705	26.12 2.18 -0.01	22.10 1.81 0.00	19.55 1.60 -0.01	18.86 1.54 0.00	18.09 1.48 0.00	26.01 2.17 0.00	32.30 1.97 0.00	37.02 2.71 -0.01	40.20 3.01 -0.01	39.05 3.16 -0.01	39.42 2.92 -0.41	40.26 3.09 -1.21	39.59 3.06 -1.76	39.72 3.00 -2.67	40.28 2.84 -4.40	41.02 2.83 -6.09	41.06 3.14 -3.38	42.31 3.30 -1.05	43.50 3.22 -0.99	46.16 3.43 -0.87	49.13 3.64 -1.09	44.03 3.12 -1.98	39.47 2.78 -3.62	33.82 2.51 -1.74
HUNTLEY___63 23557	22.64 -1.29 0.00	19.34 -0.95 0.00	16.88 -1.06 0.00	16.36 -0.95 0.00	15.72 -0.90 0.00	22.22 -1.62 0.00	28.03 -2.31 0.00	31.83 -2.47 0.00	33.91 -3.27 0.00	31.94 -3.95 0.00	32.08 -4.01 0.00	31.75 -4.21 0.00	30.87 -3.89 0.00	30.31 -3.75 0.00	29.64 -3.40 0.00	28.73 -3.37 0.01	30.98 -3.56 0.00	33.89 -4.06 0.00	35.63 -3.65 0.00	38.41 -3.43 0.01	40.93 -3.46 0.00	35.78 -3.15 0.00	30.62 -2.45 0.00	28.00 -1.57 0.00
HUNTLEY___64 23558	22.64 -1.29 0.00	19.34 -0.95 0.00	16.88 -1.06 0.00	16.36 -0.95 0.00	15.72 -0.90 0.00	22.22 -1.62 0.00	28.03 -2.31 0.00	31.83 -2.47 0.00	33.91 -3.27 0.00	31.94 -3.95 0.00	32.08 -4.01 0.00	31.75 -4.21 0.00	30.87 -3.89 0.00	30.31 -3.75 0.00	29.64 -3.40 0.00	28.73 -3.37 0.01	30.98 -3.56 0.00	33.89 -4.06 0.00	35.63 -3.65 0.00	38.41 -3.43 0.01	40.93 -3.46 0.00	35.78 -3.15 0.00	30.62 -2.45 0.00	28.00 -1.57 0.00
HUNTLEY___65 23559	22.64 -1.29 0.00	19.34 -0.95 0.00	16.88 -1.06 0.00	16.36 -0.95 0.00	15.72 -0.90 0.00	22.22 -1.62 0.00	28.03 -2.31 0.00	31.83 -2.47 0.00	33.91 -3.27 0.00	31.94 -3.95 0.00	32.08 -4.01 0.00	31.75 -4.21 0.00	30.87 -3.89 0.00	30.31 -3.75 0.00	29.64 -3.40 0.00	28.73 -3.37 0.01	30.98 -3.56 0.00	33.89 -4.06 0.00	35.63 -3.65 0.00	38.41 -3.43 0.01	40.93 -3.46 0.00	35.78 -3.15 0.00	30.62 -2.45 0.00	28.00 -1.57 0.00
HUNTLEY___66 23560	22.64 -1.29 0.00	19.34 -0.95 0.00	16.88 -1.06 0.00	16.36 -0.95 0.00	15.72 -0.90 0.00	22.22 -1.62 0.00	28.03 -2.31 0.00	31.83 -2.47 0.00	33.91 -3.27 0.00	31.94 -3.95 0.00	32.08 -4.01 0.00	31.75 -4.21 0.00	30.87 -3.89 0.00	30.31 -3.75 0.00	29.64 -3.40 0.00	28.73 -3.37 0.01	30.98 -3.56 0.00	33.89 -4.06 0.00	35.63 -3.65 0.00	38.41 -3.43 0.01	40.93 -3.46 0.00	35.78 -3.15 0.00	30.62 -2.45 0.00	28.00 -1.57 0.00
HUNTLEY___67 23561	22.60 -1.34 0.00	19.28 -1.01 0.00	16.85 -1.09 0.00	16.31 -1.00 0.00	15.67 -0.95 0.00	22.17 -1.67 0.00	27.97 -2.37 0.00	31.77 -2.54 0.00	33.83 -3.35 0.00	31.90 -3.98 0.00	32.05 -4.04 0.00	31.71 -4.24 0.00	30.80 -3.96 0.00	30.27 -3.78 0.00	29.60 -3.44 0.00	28.70 -3.40 0.01	30.94 -3.59 0.00	33.85 -4.10 0.00	35.52 -3.77 0.00	38.28 -3.56 0.01	40.76 -3.64 0.00	35.70 -3.23 0.00	30.55 -2.51 0.00	27.94 -1.63 0.00
HUNTLEY___68 23562	22.60 -1.34 0.00	19.28 -1.01 0.00	16.85 -1.09 0.00	16.31 -1.00 0.00	15.67 -0.95 0.00	22.17 -1.67 0.00	27.97 -2.37 0.00	31.77 -2.54 0.00	33.83 -3.35 0.00	31.90 -3.98 0.00	32.05 -4.04 0.00	31.71 -4.24 0.00	30.80 -3.96 0.00	30.27 -3.78 0.00	29.60 -3.44 0.00	28.70 -3.40 0.01	30.94 -3.59 0.00	33.85 -4.10 0.00	35.52 -3.77 0.00	38.28 -3.56 0.01	40.76 -3.64 0.00	35.70 -3.23 0.00	30.55 -2.51 0.00	27.94 -1.63 0.00



HYLAND___LFGE 323620	23.75 -0.19 0.00	20.18 -0.12 0.00	17.76 -0.18 0.00	17.16 -0.16 0.00	16.46 -0.15 0.00	23.53 -0.31 0.00	29.94 -0.40 0.00	33.89 -0.41 0.00	35.84 -1.34 0.00	33.51 -2.37 0.00	33.63 -2.46 0.00	33.01 -2.95 0.00	31.95 -2.81 0.00	31.40 -2.66 0.00	30.70 -2.35 0.00	29.85 -2.25 0.01	32.32 -2.21 0.00	35.94 -2.01 0.00	38.11 -1.18 0.00	41.63 -0.21 0.01	44.40 0.00 0.00	38.78 -0.16 0.00	32.77 -0.30 0.00	29.69 0.12 0.00
INDECK___CORINTH 23802	25.16 1.22 0.00	21.29 0.99 0.00	18.82 0.88 0.00	18.15 0.83 0.00	17.43 0.81 0.00	24.98 1.14 0.00	31.58 1.24 0.00	35.74 1.44 0.00	38.93 1.75 0.00	37.46 1.58 0.00	37.78 1.70 0.00	37.65 1.69 0.00	36.22 1.46 0.00	35.55 1.50 0.00	34.43 1.39 0.00	33.55 1.45 0.01	35.98 1.45 0.00	39.66 1.71 0.00	41.06 1.77 0.00	43.93 2.09 0.01	46.57 2.17 0.00	40.92 1.98 0.00	34.72 1.65 0.00	31.14 1.57 0.00
INDECK___ILION 23567	23.79 -0.14 0.00	20.16 -0.14 0.00	17.82 -0.13 0.00	17.18 -0.14 0.00	16.48 -0.13 0.00	23.62 -0.21 0.00	29.88 -0.45 0.00	33.75 -0.55 0.00	36.70 -0.48 0.00	35.42 -0.47 0.00	35.69 -0.40 0.00	35.56 -0.40 0.00	34.38 -0.38 0.00	33.68 -0.37 0.00	32.64 -0.40 0.00	31.72 -0.39 0.01	34.15 -0.38 0.00	37.53 -0.42 0.00	38.86 -0.43 0.00	41.46 -0.38 0.01	44.04 -0.36 0.00	38.62 -0.31 0.00	32.77 -0.30 0.00	29.51 -0.06 0.00
INDECK___OLEAN 23982	23.08 -0.86 0.00	19.63 -0.67 0.00	17.26 -0.68 0.00	16.66 -0.66 0.00	16.00 -0.61 0.00	22.74 -1.10 0.00	28.82 -1.52 0.00	32.93 -1.37 0.00	35.17 -2.01 0.00	33.19 -2.69 0.00	33.42 -2.67 0.00	32.90 -3.06 0.00	31.98 -2.78 0.00	31.43 -2.62 0.00	30.53 -2.51 0.00	29.59 -2.50 0.01	31.98 -2.56 0.00	34.95 -3.00 0.00	36.66 -2.63 0.00	39.54 -2.30 0.01	42.22 -2.17 0.00	37.10 -1.83 0.00	31.34 -1.72 0.00	28.54 -1.04 0.00
INDECK___OSWEGO 23783	23.46 -0.48 0.00	19.89 -0.41 0.00	17.58 -0.36 0.00	16.95 -0.36 0.00	16.28 -0.33 0.00	23.31 -0.52 0.00	29.54 -0.79 0.00	33.20 -1.10 0.00	35.92 -1.26 0.00	34.56 -1.33 0.00	34.82 -1.26 0.00	34.59 -1.37 0.00	33.41 -1.36 0.00	32.72 -1.33 0.00	31.78 -1.26 0.00	30.86 -1.25 0.00	32.91 -1.62 0.00	36.21 -1.75 0.00	37.60 -1.69 0.00	40.18 -1.68 0.00	42.66 -1.73 0.00	37.41 -1.52 0.00	32.01 -1.06 0.00	28.95 -0.62 0.00
INDECK___YERKES 23781	22.69 -1.25 0.00	19.37 -0.93 0.00	17.03 -0.91 0.00	16.38 -0.94 0.00	15.72 -0.90 0.00	22.24 -1.60 0.00	28.06 -2.28 0.00	31.83 -2.47 0.00	33.95 -3.24 0.00	31.97 -3.91 0.00	32.41 -3.68 0.00	31.79 -4.17 0.00	30.98 -3.79 0.00	30.41 -3.64 0.00	29.67 -3.37 0.00	28.79 -3.31 0.01	31.01 -3.52 0.00	33.97 -3.98 0.00	35.67 -3.61 0.00	38.41 -3.43 0.01	40.84 -3.55 0.00	35.82 -3.12 0.00	30.62 -2.45 0.00	28.03 -1.54 0.00
INDIAN POINT_GT_1 24139	25.42 1.48 0.00	21.56 1.26 0.00	19.05 1.11 0.00	18.37 1.06 0.00	17.64 1.03 0.00	25.24 1.41 0.00	31.67 1.33 0.00	36.09 1.78 0.00	39.26 2.08 0.00	38.18 2.30 0.00	38.36 2.27 0.00	38.26 2.30 0.00	37.02 2.26 0.00	36.30 2.25 0.00	35.19 2.15 0.00	34.22 2.12 0.01	36.88 2.35 0.00	40.49 2.54 0.00	41.72 2.44 0.00	44.40 2.55 0.01	47.15 2.75 0.00	41.27 2.34 0.00	34.92 1.85 0.00	31.29 1.72 0.00
INDIAN POINT_GT_2 23659	25.42 1.48 0.00	21.56 1.26 0.00	19.05 1.11 0.00	18.37 1.06 0.00	17.64 1.03 0.00	25.24 1.41 0.00	31.67 1.33 0.00	36.09 1.78 0.00	39.26 2.08 0.00	38.18 2.30 0.00	38.36 2.27 0.00	38.26 2.30 0.00	37.02 2.26 0.00	36.30 2.25 0.00	35.19 2.15 0.00	34.22 2.12 0.01	36.88 2.35 0.00	40.49 2.54 0.00	41.72 2.44 0.00	44.40 2.55 0.01	47.15 2.75 0.00	41.27 2.34 0.00	34.92 1.85 0.00	31.29 1.72 0.00
INDIAN POINT_GT_3 24019	25.42 1.48 0.00	21.56 1.26 0.00	19.05 1.11 0.00	18.37 1.06 0.00	17.64 1.03 0.00	25.24 1.41 0.00	31.67 1.33 0.00	36.09 1.78 0.00	39.26 2.08 0.00	38.18 2.30 0.00	38.36 2.27 0.00	38.26 2.30 0.00	37.02 2.26 0.00	36.30 2.25 0.00	35.19 2.15 0.00	34.22 2.12 0.01	36.88 2.35 0.00	40.49 2.54 0.00	41.72 2.44 0.00	44.40 2.55 0.01	47.15 2.75 0.00	41.27 2.34 0.00	34.92 1.85 0.00	31.29 1.72 0.00
INDIAN POINT___2 23530	25.35 1.41 0.00	21.52 1.22 0.00	18.98 1.04 0.00	18.34 1.02 0.00	17.61 1.00 0.00	25.17 1.33 0.00	31.61 1.27 0.00	36.02 1.71 0.00	39.15 1.97 0.00	38.07 2.19 0.00	38.18 2.09 0.00	38.11 2.16 0.00	36.92 2.16 0.00	36.17 2.11 0.00	35.09 2.05 0.00	34.16 2.06 0.01	36.78 2.24 0.00	40.38 2.43 0.00	41.61 2.32 0.00	44.31 2.47 0.01	47.06 2.66 0.00	41.15 2.22 0.00	34.82 1.75 0.00	31.17 1.60 0.00
INDIAN POINT___3 23531	25.49 1.56 0.00	21.64 1.34 0.00	19.13 1.18 0.00	18.42 1.11 0.00	17.69 1.08 0.00	25.32 1.48 0.00	31.76 1.43 0.00	36.22 1.92 0.00	39.37 2.19 0.00	38.29 2.40 0.00	38.47 2.38 0.00	38.36 2.41 0.00	37.16 2.40 0.00	36.40 2.35 0.00	35.32 2.28 0.00	34.35 2.25 0.01	36.99 2.45 0.00	40.65 2.69 0.00	41.88 2.59 0.00	44.56 2.72 0.01	47.28 2.89 0.00	41.35 2.41 0.00	35.02 1.95 0.00	31.38 1.80 0.00
INGHAM_C_115KV_TB7 356103	23.27 -0.67 0.00	19.69 -0.61 0.00	17.38 -0.56 0.00	16.73 -0.59 0.00	16.05 -0.56 0.00	23.03 -0.81 0.00	29.09 -1.24 0.00	32.90 -1.41 0.00	35.84 -1.34 0.00	34.63 -1.26 0.00	34.93 -1.15 0.00	34.84 -1.11 0.00	33.69 -1.08 0.00	32.96 -1.09 0.00	31.95 -1.09 0.00	31.04 -1.06 0.01	33.43 -1.11 0.00	36.74 -1.21 0.00	38.07 -1.22 0.00	40.63 -1.21 0.01	43.11 -1.29 0.00	37.84 -1.09 0.00	32.14 -0.93 0.00	28.92 -0.65 0.00
IP CORINTH___1 23988	25.16 1.22 0.00	21.29 0.99 0.00	18.82 0.88 0.00	18.15 0.83 0.00	17.43 0.81 0.00	24.98 1.14 0.00	31.58 1.24 0.00	35.74 1.44 0.00	38.93 1.75 0.00	37.46 1.58 0.00	37.75 1.66 0.00	37.65 1.69 0.00	36.22 1.46 0.00	35.55 1.50 0.00	34.43 1.39 0.00	33.52 1.41 0.01	35.98 1.45 0.00	39.66 1.71 0.00	41.06 1.77 0.00	43.93 2.09 0.01	46.57 2.18 0.00	40.92 1.99 0.00	34.72 1.65 0.00	31.14 1.57 0.00
IP___TICONDEROGA 23804	25.95 2.01 0.00	21.92 1.62 0.00	19.34 1.40 0.00	18.63 1.32 0.00	17.91 1.30 0.00	25.72 1.88 0.00	32.55 2.21 0.00	36.88 2.57 0.00	40.08 2.90 0.00	38.32 2.44 0.00	38.69 2.60 0.00	38.83 2.88 0.00	37.23 2.47 0.00	36.54 2.49 0.00	35.35 2.31 0.00	34.48 2.38 0.01	37.05 2.52 0.00	40.95 3.00 0.00	42.63 3.34 0.00	45.94 4.10 0.01	48.61 4.22 0.00	42.83 3.89 0.00	36.17 3.11 0.00	32.38 2.81 0.00
ISLIP_RES_REC 323679	26.39 2.44 -0.01	22.31 2.01 0.00	19.74 1.79 -0.01	19.05 1.73 0.00	18.28 1.66 0.00	26.29 2.46 0.00	32.55 2.21 0.00	37.36 3.05 -0.01	40.57 3.38 -0.01	39.41 3.52 -0.01	39.79 3.28 -0.42	40.71 3.49 -1.27	40.01 3.41 -1.84	40.21 3.37 -2.78	40.78 3.27 -4.46	41.53 3.24 -6.17	41.58 3.59 -3.46	42.96 3.91 -1.10	44.22 3.89 -1.04	46.95 4.18 -0.91	49.97 4.44 -1.14	44.74 3.74 -2.07	39.88 3.17 -3.64	34.15 2.84 -1.74

JAMAICA__27_KV_LOAD 355505	25.67 1.75 0.02	21.82 1.52 0.00	19.27 1.33 0.00	18.58 1.26 0.00	17.84 1.23 0.00	25.50 1.67 0.01	32.02 1.70 0.02	36.52 2.23 0.02	39.73 2.57 0.02	38.63 2.76 0.02	38.81 2.74 0.02	38.74 2.80 0.02	37.55 2.78 0.00	36.76 2.72 0.02	35.68 2.64 0.00	34.70 2.60 0.01	37.40 2.87 0.00	41.09 3.15 0.02	42.30 3.03 0.02	44.92 3.10 0.03	47.67 3.29 0.02	41.72 2.80 0.02	35.31 2.25 0.01	31.63 2.07 0.01
JANIS__SOLAR 323808	24.85 0.91 0.00	21.07 0.77 0.00	18.57 0.63 0.00	17.89 0.57 0.00	17.23 0.62 0.00	24.77 0.93 0.00	31.39 1.06 0.00	35.43 1.13 0.00	38.26 1.08 0.00	36.46 0.57 0.00	36.70 0.61 0.00	36.35 0.40 0.00	35.01 0.25 0.00	34.19 0.14 0.00	33.17 0.13 0.00	32.30 0.19 0.01	34.95 0.42 0.00	38.71 0.76 0.00	40.62 1.34 0.00	43.68 1.84 0.01	46.44 2.04 0.00	40.61 1.67 0.00	34.25 1.19 0.00	30.87 1.30 0.00
JARVIS____ 23743	24.08 0.14 0.00	20.42 0.12 0.00	18.05 0.11 0.00	17.42 0.10 0.00	16.73 0.12 0.00	23.96 0.12 0.00	30.30 -0.03 0.00	34.20 -0.10 0.00	37.14 -0.04 0.00	35.81 -0.07 0.00	36.05 -0.04 0.00	35.88 -0.07 0.00	34.69 -0.07 0.00	33.99 -0.07 0.00	32.97 -0.07 0.00	32.07 -0.03 0.01	34.50 -0.03 0.00	37.91 -0.04 0.00	39.21 -0.08 0.00	41.84 0.00 0.01	44.44 0.04 0.00	38.93 0.00 0.00	33.10 0.03 0.00	29.81 0.24 0.00
JENNISON____1 23625	24.99 1.05 0.00	21.21 0.91 0.00	18.69 0.75 0.00	18.04 0.73 0.00	17.39 0.78 0.00	24.98 1.14 0.00	31.55 1.21 0.00	35.81 1.51 0.00	38.85 1.67 0.00	37.32 1.44 0.00	37.64 1.55 0.00	37.36 1.40 0.00	36.05 1.29 0.00	35.24 1.19 0.00	34.20 1.16 0.00	33.23 1.12 0.01	35.67 1.14 0.00	39.36 1.40 0.00	41.06 1.77 0.00	44.02 2.18 0.01	46.84 2.44 0.00	40.96 2.02 0.00	34.55 1.49 0.00	31.14 1.57 0.00
JENNISON____2 23626	24.99 1.05 0.00	21.21 0.91 0.00	18.69 0.75 0.00	18.04 0.73 0.00	17.39 0.78 0.00	24.98 1.14 0.00	31.55 1.21 0.00	35.81 1.51 0.00	38.85 1.67 0.00	37.32 1.44 0.00	37.64 1.55 0.00	37.36 1.40 0.00	36.05 1.29 0.00	35.24 1.19 0.00	34.20 1.16 0.00	33.23 1.12 0.01	35.67 1.14 0.00	39.36 1.40 0.00	41.06 1.77 0.00	44.02 2.18 0.01	46.84 2.44 0.00	40.96 2.02 0.00	34.55 1.49 0.00	31.14 1.57 0.00
JERICOHO_RISE_WT_PWR 323719	23.39 -0.55 0.00	19.83 -0.47 0.00	17.60 -0.34 0.00	17.02 -0.29 0.00	16.26 -0.35 0.00	23.55 -0.28 0.00	30.57 0.24 0.00	34.65 0.34 0.00	37.51 0.33 0.00	36.28 0.40 0.00	36.41 0.32 0.00	36.35 0.40 0.00	35.08 0.31 0.00	34.36 0.31 0.00	33.24 0.20 0.00	32.30 0.19 0.00	34.84 0.31 0.00	38.29 0.34 0.00	39.64 0.35 0.00	41.89 0.04 0.00	44.35 -0.04 0.00	38.82 -0.12 0.00	32.87 -0.20 0.00	28.92 -0.65 0.00
KATONAH__115KV_46KV_TB4 355592	25.57 1.63 0.00	21.70 1.40 0.00	19.14 1.20 0.00	18.48 1.16 0.00	17.74 1.13 0.00	25.39 1.55 0.00	31.79 1.46 0.00	36.29 1.99 0.00	39.52 2.34 0.00	38.43 2.55 0.00	38.65 2.56 0.00	38.54 2.59 0.00	37.34 2.57 0.00	36.57 2.52 0.00	35.49 2.44 0.00	34.48 2.38 0.01	37.16 2.62 0.00	40.80 2.85 0.00	42.04 2.75 0.00	44.73 2.89 0.01	47.50 3.11 0.00	41.54 2.61 0.00	35.12 2.05 0.00	31.46 1.89 0.00
KCE_NY_1 323755	25.21 1.27 0.00	21.37 1.08 0.00	18.87 0.93 0.00	18.22 0.90 0.00	17.48 0.86 0.00	25.03 1.19 0.00	31.58 1.24 0.00	35.71 1.41 0.00	38.86 1.67 0.00	37.42 1.54 0.00	37.71 1.63 0.00	37.57 1.62 0.00	36.22 1.46 0.00	35.52 1.46 0.00	34.43 1.39 0.00	33.51 1.41 0.01	35.98 1.45 0.00	39.62 1.67 0.00	40.98 1.69 0.00	43.81 1.97 0.01	46.44 2.04 0.00	40.80 1.87 0.00	34.72 1.65 0.00	31.17 1.60 0.00
KCE_NY_6_ESR 323823	22.81 -1.12 0.00	19.45 -0.85 0.00	17.10 -0.84 0.00	16.47 -0.85 0.00	15.80 -0.81 0.00	22.41 -1.43 0.00	28.33 -2.00 0.00	32.25 -2.06 0.00	34.32 -2.86 0.00	32.37 -3.52 0.00	32.77 -3.32 0.00	32.14 -3.81 0.00	31.29 -3.48 0.00	30.72 -3.34 0.00	29.93 -3.11 0.00	29.05 -3.05 0.01	31.29 -3.25 0.00	34.27 -3.68 0.00	35.99 -3.30 0.00	38.79 -3.05 0.01	41.33 -3.06 0.00	36.25 -2.69 0.00	30.92 -2.15 0.00	28.24 -1.33 0.00
KEDC_PORT_JEFF_GT2 24210	26.27 2.32 -0.01	22.21 1.91 0.00	19.67 1.72 -0.01	18.98 1.66 0.00	18.21 1.60 0.00	26.17 2.34 0.00	32.42 2.09 0.00	37.16 2.85 -0.01	40.35 3.16 -0.01	39.19 3.30 -0.01	39.54 3.07 -0.39	40.36 3.24 -1.17	39.66 3.20 -1.70	39.80 3.17 -2.58	40.41 3.04 -4.33	41.12 3.02 -5.99	41.19 3.35 -3.31	42.57 3.61 -1.01	43.86 3.61 -0.96	46.54 3.85 -0.84	49.53 4.08 -1.05	44.30 3.46 -1.91	39.63 2.98 -3.59	33.99 2.69 -1.73
KEDC_PORT_JEFF_GT3 24211	26.27 2.32 -0.01	22.21 1.91 0.00	19.67 1.72 -0.01	18.98 1.66 0.00	18.21 1.60 0.00	26.17 2.34 0.00	32.42 2.09 0.00	37.16 2.85 -0.01	40.35 3.16 -0.01	39.19 3.30 -0.01	39.54 3.07 -0.39	40.36 3.24 -1.17	39.66 3.20 -1.70	39.80 3.17 -2.58	40.41 3.04 -4.33	41.12 3.02 -5.99	41.19 3.35 -3.31	42.57 3.61 -1.01	43.86 3.61 -0.96	46.54 3.85 -0.84	49.53 4.08 -1.05	44.30 3.46 -1.91	39.63 2.98 -3.59	33.99 2.69 -1.73
KEDC_GLWD_GT4 24219	25.89 1.94 -0.02	21.96 1.66 0.00	19.37 1.42 -0.02	18.70 1.39 0.00	17.94 1.33 0.00	25.72 1.88 0.00	32.18 1.85 0.00	36.79 2.47 -0.02	39.99 2.79 -0.02	38.84 2.94 -0.02	41.06 2.89 -2.09	45.09 2.84 -6.29	46.73 2.81 -9.15	50.26 2.76 -13.45	47.85 2.68 -12.13	51.79 2.63 -17.04	48.97 2.86 -11.57	46.52 3.11 -5.46	47.42 2.98 -5.14	49.59 3.18 -4.55	53.46 3.42 -5.65	52.16 2.88 -10.35	42.97 2.35 -7.56	34.85 2.28 -3.00
KEDC_GLWD_GT5 24220	25.89 1.94 -0.02	21.96 1.66 0.00	19.37 1.42 -0.02	18.70 1.39 0.00	17.94 1.33 0.00	25.72 1.88 0.00	32.18 1.85 0.00	36.79 2.47 -0.02	39.99 2.79 -0.02	38.84 2.94 -0.02	41.06 2.89 -2.09	45.09 2.84 -6.29	46.73 2.81 -9.15	50.26 2.76 -13.45	47.85 2.68 -12.13	51.79 2.63 -17.04	48.97 2.86 -11.57	46.52 3.11 -5.46	47.42 2.98 -5.14	49.59 3.18 -4.55	53.46 3.42 -5.65	52.16 2.88 -10.35	42.97 2.35 -7.56	34.85 2.28 -3.00
KENSICO____ 23655	25.52 1.58 0.00	21.66 1.36 0.00	19.14 1.20 0.00	18.46 1.14 0.00	17.73 1.11 0.00	25.36 1.53 0.00	31.79 1.46 0.00	36.29 1.99 0.00	39.45 2.27 0.00	38.39 2.51 0.00	38.54 2.45 0.00	38.44 2.48 0.00	37.23 2.47 0.00	36.47 2.42 0.00	35.39 2.35 0.00	34.41 2.31 0.01	37.05 2.52 0.00	40.72 2.77 0.00	41.96 2.67 0.00	44.65 2.80 0.01	47.37 2.97 0.00	41.42 2.49 0.00	35.08 2.02 0.00	31.43 1.86 0.00
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	25.47 1.53 0.00	21.60 1.30 0.00	19.07 1.13 0.00	18.41 1.09 0.00	17.69 1.08 0.00	25.34 1.50 0.00	31.79 1.46 0.00	36.33 2.02 0.00	39.49 2.31 0.00	38.39 2.51 0.00	38.47 2.38 0.00	38.36 2.41 0.00	37.09 2.33 0.00	36.30 2.25 0.00	35.25 2.21 0.00	34.29 2.18 0.01	37.02 2.49 0.00	40.46 2.50 0.00	41.80 2.51 0.00	44.61 2.76 0.01	47.42 3.02 0.00	41.50 2.57 0.00	35.02 1.95 0.00	31.35 1.77 0.00

KIAC_JFK_GT1 23816	25.55 1.63 0.02	21.72 1.42 0.00	19.18 1.24 0.00	18.49 1.18 0.00	17.76 1.15 0.00	25.38 1.55 0.01	31.83 1.52 0.02	36.21 1.92 0.02	39.40 2.23 0.02	38.34 2.48 0.02	38.49 2.42 0.02	38.42 2.48 0.02	37.34 2.57 0.00	36.59 2.55 0.02	35.52 2.48 0.00	34.54 2.44 0.01	37.19 2.66 0.00	40.74 2.81 0.02	41.90 2.63 0.02	44.55 2.72 0.03	47.27 2.89 0.02	41.33 2.41 0.02	35.14 2.08 0.01	31.46 1.89 0.01
KIAC_JFK_GT2 23817	25.55 1.63 0.02	21.72 1.42 0.00	19.18 1.24 0.00	18.49 1.18 0.00	17.76 1.15 0.00	25.38 1.55 0.01	31.83 1.52 0.02	36.21 1.92 0.02	39.40 2.23 0.02	38.34 2.48 0.02	38.49 2.42 0.02	38.42 2.48 0.02	37.34 2.57 0.00	36.59 2.55 0.02	35.52 2.48 0.00	34.54 2.44 0.01	37.19 2.66 0.00	40.74 2.81 0.02	41.90 2.63 0.02	44.55 2.72 0.03	47.27 2.89 0.02	41.33 2.41 0.02	35.14 2.08 0.01	31.46 1.89 0.01
KIAC_JFK____ 323774	25.55 1.63 0.02	21.72 1.42 0.00	19.14 1.20 0.00	18.49 1.18 0.00	17.76 1.15 0.00	25.38 1.55 0.01	31.83 1.52 0.02	36.21 1.92 0.02	39.40 2.23 0.02	38.34 2.47 0.02	38.45 2.38 0.02	38.42 2.48 0.02	37.37 2.61 0.00	36.56 2.52 0.02	35.52 2.48 0.00	34.54 2.44 0.01	37.19 2.66 0.00	40.74 2.81 0.02	41.90 2.63 0.02	44.59 2.76 0.03	47.36 2.97 0.02	41.33 2.41 0.02	35.14 2.08 0.01	31.46 1.89 0.01
KINTIGH__24_KV_GSU 356498	22.74 -1.20 0.00	19.37 -0.93 0.00	17.06 -0.88 0.00	16.41 -0.90 0.00	15.75 -0.86 0.00	22.29 -1.55 0.00	28.12 -2.21 0.00	31.87 -2.43 0.00	34.06 -3.12 0.00	32.26 -3.62 0.00	32.69 -3.39 0.00	32.14 -3.81 0.00	31.29 -3.48 0.00	30.72 -3.34 0.00	29.97 -3.07 0.00	29.08 -3.02 0.01	31.36 -3.18 0.00	34.35 -3.61 0.00	35.91 -3.38 0.00	38.53 -3.31 0.01	40.98 -3.42 0.00	35.94 -3.00 0.00	30.72 -2.35 0.00	28.06 -1.51 0.00
KINTIGH____ 23543	22.72 -1.22 0.00	19.39 -0.91 0.00	16.95 -0.99 0.00	16.42 -0.90 0.00	15.75 -0.86 0.00	22.29 -1.55 0.00	28.12 -2.21 0.00	31.87 -2.44 0.00	34.06 -3.12 0.00	32.26 -3.62 0.00	32.41 -3.68 0.00	32.14 -3.81 0.00	31.22 -3.55 0.00	30.65 -3.41 0.00	29.97 -3.07 0.00	29.08 -3.02 0.01	31.32 -3.21 0.00	34.31 -3.64 0.00	35.91 -3.38 0.00	38.62 -3.22 0.01	41.02 -3.37 0.00	35.93 -3.00 0.00	30.72 -2.35 0.00	28.06 -1.51 0.00
KNTFSRNC_46_KV_46KV_LOAD 80397	23.75 -0.19 0.00	20.16 -0.14 0.00	17.87 -0.07 0.00	17.30 -0.02 0.00	16.50 -0.12 0.00	23.93 0.10 0.00	31.09 0.76 0.00	35.23 0.93 0.00	38.11 0.93 0.00	36.78 0.90 0.00	36.95 0.87 0.00	36.85 0.90 0.00	35.60 0.83 0.00	34.84 0.78 0.00	33.70 0.66 0.00	32.78 0.67 0.00	35.36 0.83 0.00	38.86 0.91 0.00	40.27 0.98 0.00	42.64 0.80 0.00	45.20 0.80 0.00	39.44 0.51 0.00	33.36 0.30 0.00	29.39 -0.18 0.00
LACHUTE____HYDRO 323717	25.95 2.01 0.00	21.92 1.62 0.00	19.32 1.38 0.00	18.63 1.32 0.00	17.91 1.30 0.00	25.72 1.88 0.00	32.58 2.24 0.00	36.84 2.54 0.00	40.08 2.90 0.00	38.32 2.44 0.00	38.69 2.60 0.00	38.83 2.88 0.00	37.23 2.47 0.00	36.54 2.48 0.00	35.35 2.31 0.00	34.48 2.38 0.01	37.05 2.52 0.00	40.95 3.00 0.00	42.63 3.34 0.00	45.95 4.10 0.01	48.66 4.26 0.00	42.82 3.89 0.00	36.17 3.11 0.00	32.38 2.81 0.00
LAWRNCV_115KV_TB1 80681	22.93 -1.01 0.00	19.45 -0.85 0.00	17.21 -0.74 0.00	16.64 -0.68 0.00	15.88 -0.73 0.00	23.05 -0.79 0.00	30.09 -0.24 0.00	34.03 -0.27 0.00	36.85 -0.33 0.00	35.56 -0.32 0.00	35.80 -0.29 0.00	35.70 -0.25 0.00	34.49 -0.28 0.00	33.71 -0.34 0.00	32.64 -0.40 0.00	31.79 -0.32 0.00	34.26 -0.28 0.00	37.69 -0.27 0.00	39.13 -0.16 0.00	41.51 -0.33 0.00	43.86 -0.53 0.00	38.58 -0.35 0.00	32.64 -0.43 0.00	28.54 -1.03 0.00
LEDERLE____ 23769	25.37 1.44 0.00	21.52 1.22 0.00	19.00 1.06 0.00	18.34 1.02 0.00	17.61 1.00 0.00	25.20 1.36 0.00	31.64 1.30 0.00	36.02 1.72 0.00	39.15 1.97 0.00	38.11 2.22 0.00	38.25 2.17 0.00	38.15 2.19 0.00	36.92 2.16 0.00	36.20 2.15 0.00	35.09 2.05 0.00	34.13 2.02 0.01	36.81 2.28 0.00	40.34 2.39 0.00	41.57 2.28 0.00	44.31 2.47 0.01	47.06 2.66 0.00	41.15 2.22 0.00	34.78 1.72 0.00	31.14 1.57 0.00
LIGHTHSE_115KV_TB6 355974	23.77 -0.17 0.00	20.16 -0.14 0.00	17.78 -0.16 0.00	17.14 -0.17 0.00	16.50 -0.12 0.00	23.65 -0.19 0.00	29.94 -0.39 0.00	33.65 -0.65 0.00	36.36 -0.82 0.00	34.99 -0.90 0.00	35.22 -0.87 0.00	34.98 -0.97 0.00	33.76 -1.01 0.00	33.03 -1.02 0.00	32.08 -0.96 0.00	31.17 -0.93 0.00	33.46 -1.07 0.00	36.85 -1.10 0.00	38.42 -0.86 0.00	41.14 -0.71 0.00	43.78 -0.62 0.00	38.35 -0.58 0.00	32.57 -0.50 0.00	29.36 -0.21 0.00
LINDEN COGEN____ 23786	25.57 1.63 0.00	21.74 1.44 0.00	19.18 1.24 0.00	18.51 1.19 0.00	17.79 1.18 0.00	25.41 1.57 0.00	31.88 1.55 0.00	36.36 2.06 0.00	39.60 2.42 0.00	38.54 2.66 0.00	38.65 2.56 0.00	38.58 2.62 0.00	37.37 2.61 0.00	36.61 2.56 0.00	35.52 2.48 0.00	34.58 2.47 0.01	37.23 2.70 0.00	40.91 2.96 0.00	42.12 2.83 0.00	44.77 2.93 0.01	47.55 3.15 0.00	41.54 2.61 0.00	35.15 2.08 0.00	31.49 1.92 0.00
LINDHRST_69_KV_BK1 356055	26.27 2.32 -0.01	22.23 1.93 0.00	19.75 1.79 -0.01	18.94 1.63 0.00	18.18 1.56 0.00	26.13 2.29 0.00	32.52 2.18 0.00	37.23 2.92 -0.01	40.43 3.23 -0.01	39.23 3.34 -0.01	40.12 3.14 -0.90	41.92 3.27 -2.69	41.91 3.23 -3.91	43.02 3.17 -5.80	42.47 3.07 -6.35	44.00 3.02 -8.87	43.48 3.35 -5.60	43.93 3.64 -2.33	45.10 3.61 -2.20	47.60 3.81 -1.94	50.90 4.08 -2.42	46.85 3.50 -4.42	40.53 3.01 -4.45	34.23 2.72 -1.94
LIPA_MISC_IPP 23656	26.22 2.27 -0.01	22.15 1.85 0.00	19.80 1.85 -0.01	18.98 1.66 0.00	18.19 1.58 0.00	26.15 2.31 0.00	32.27 1.94 0.00	37.02 2.71 -0.01	40.20 3.01 -0.01	39.05 3.16 -0.01	39.39 2.92 -0.38	40.17 3.09 -1.13	39.46 3.06 -1.64	39.54 3.00 -2.49	40.23 2.91 -4.28	40.88 2.86 -5.91	40.96 3.18 -3.25	42.42 3.49 -0.98	43.67 3.46 -0.92	46.30 3.64 -0.81	49.23 3.82 -1.01	44.08 3.31 -1.84	39.51 2.88 -3.56	33.87 2.57 -1.72
LISF____SOLAR 323691	26.24 2.30 -0.01	22.19 1.89 0.00	19.69 1.74 -0.01	19.01 1.70 0.00	18.23 1.61 0.00	26.20 2.36 0.00	32.33 2.00 0.00	37.09 2.78 -0.01	40.27 3.08 -0.01	39.12 3.23 -0.01	39.46 2.99 -0.38	40.26 3.16 -1.14	39.55 3.13 -1.66	39.64 3.07 -2.52	40.32 2.97 -4.30	41.00 2.95 -5.94	41.09 3.28 -3.27	42.51 3.57 -0.99	43.80 3.57 -0.94	46.48 3.81 -0.82	49.46 4.04 -1.03	44.26 3.46 -1.86	39.58 2.94 -3.57	33.96 2.66 -1.72
LITTLE FALLS____HYD 24013	23.27 -0.67 0.00	19.69 -0.61 0.00	17.38 -0.56 0.00	16.73 -0.59 0.00	16.05 -0.56 0.00	23.03 -0.81 0.00	29.09 -1.24 0.00	32.90 -1.41 0.00	35.84 -1.34 0.00	34.63 -1.26 0.00	34.93 -1.15 0.00	34.84 -1.11 0.00	33.69 -1.08 0.00	32.96 -1.09 0.00	31.95 -1.09 0.00	31.04 -1.06 0.01	33.43 -1.11 0.00	36.74 -1.21 0.00	38.07 -1.22 0.00	40.63 -1.21 0.01	43.11 -1.29 0.00	37.84 -1.09 0.00	32.14 -0.93 0.00	28.92 -0.65 0.00

LITTLRIV_115KV_TB1 356100	23.22 -0.72 0.00	19.69 -0.61 0.00	17.42 -0.52 0.00	16.85 -0.47 0.00	16.10 -0.52 0.00	23.43 -0.41 0.00	30.55 0.21 0.00	34.51 0.21 0.00	37.29 0.11 0.00	35.92 0.04 0.00	36.12 0.04 0.00	36.03 0.07 0.00	34.73 -0.03 0.00	33.95 -0.10 0.00	32.87 -0.17 0.00	32.04 -0.06 0.00	34.57 0.03 0.00	38.14 0.19 0.00	39.72 0.43 0.00	42.23 0.38 0.00	44.66 0.27 0.00	39.20 0.27 0.00	33.13 0.07 0.00	28.95 -0.62 0.00
LI_NEWBRDGE___DRP 323616	25.88 1.94 -0.01	21.92 1.62 0.00	19.46 1.51 -0.01	18.68 1.37 0.00	17.93 1.31 0.00	25.74 1.91 0.00	32.09 1.76 0.00	36.68 2.37 -0.01	39.90 2.71 -0.01	38.66 2.76 -0.01	38.84 2.67 -0.08	38.92 2.73 -0.23	37.81 2.71 -0.34	37.31 2.66 -0.60	38.68 2.54 -3.09	38.80 2.47 -4.22	39.17 2.73 -1.90	41.08 2.92 -0.20	42.31 2.83 -0.19	44.99 2.97 -0.16	47.85 3.24 -0.21	42.18 2.88 -0.37	38.50 2.38 -3.05	33.33 2.16 -1.60
LOCKPORT_115KV_TB60_63_64 80432	22.45 -1.48 0.00	19.16 -1.14 0.00	16.72 -1.22 0.00	16.21 -1.11 0.00	15.57 -1.05 0.00	22.00 -1.84 0.00	27.78 -2.55 0.00	31.49 -2.81 0.00	33.57 -3.61 0.00	31.61 -4.27 0.00	31.72 -4.37 0.00	31.39 -4.57 0.00	30.56 -4.21 0.00	30.00 -4.05 0.00	29.34 -3.70 0.00	28.47 -3.63 0.01	30.70 -3.83 0.00	33.59 -4.36 0.00	35.28 -4.01 0.00	38.07 -3.77 0.01	40.53 -3.86 0.00	35.43 -3.50 0.00	30.32 -2.74 0.00	27.77 -1.80 0.00
LOCKPORT___CC1 323769	22.50 -1.44 0.00	19.16 -1.14 0.00	16.87 -1.08 0.00	16.23 -1.09 0.00	15.58 -1.03 0.00	22.02 -1.81 0.00	27.78 -2.55 0.00	31.53 -2.78 0.00	33.57 -3.61 0.00	31.61 -4.27 0.00	32.05 -4.04 0.00	31.42 -4.53 0.00	30.63 -4.14 0.00	30.07 -3.98 0.00	29.37 -3.67 0.00	28.50 -3.60 0.01	30.70 -3.83 0.00	33.62 -4.33 0.00	35.28 -4.01 0.00	37.99 -3.85 0.01	40.40 -4.00 0.00	35.47 -3.47 0.00	30.35 -2.71 0.00	27.80 -1.77 0.00
LOCKPORT___CC2 323770	22.50 -1.44 0.00	19.16 -1.14 0.00	16.87 -1.08 0.00	16.23 -1.09 0.00	15.58 -1.03 0.00	22.02 -1.81 0.00	27.78 -2.55 0.00	31.53 -2.78 0.00	33.57 -3.61 0.00	31.61 -4.27 0.00	32.05 -4.04 0.00	31.42 -4.53 0.00	30.63 -4.14 0.00	30.07 -3.98 0.00	29.37 -3.67 0.00	28.50 -3.60 0.01	30.70 -3.83 0.00	33.62 -4.33 0.00	35.28 -4.01 0.00	37.99 -3.85 0.01	40.40 -4.00 0.00	35.47 -3.47 0.00	30.35 -2.71 0.00	27.80 -1.77 0.00
LOCKPORT___CC3 323771	22.50 -1.44 0.00	19.16 -1.14 0.00	16.87 -1.08 0.00	16.23 -1.09 0.00	15.58 -1.03 0.00	22.02 -1.81 0.00	27.78 -2.55 0.00	31.53 -2.78 0.00	33.57 -3.61 0.00	31.61 -4.27 0.00	32.05 -4.04 0.00	31.42 -4.53 0.00	30.63 -4.14 0.00	30.07 -3.98 0.00	29.37 -3.67 0.00	28.50 -3.60 0.01	30.70 -3.83 0.00	33.62 -4.33 0.00	35.28 -4.01 0.00	37.99 -3.85 0.01	40.40 -4.00 0.00	35.47 -3.47 0.00	30.35 -2.71 0.00	27.80 -1.77 0.00
LOCUSVLY_69_KV_BK2 55797	26.03 2.08 -0.01	22.04 1.75 0.00	19.55 1.60 -0.01	18.79 1.47 0.00	18.03 1.41 0.00	25.86 2.03 0.00	32.30 1.97 0.00	36.96 2.64 -0.01	40.17 2.97 -0.01	39.02 3.12 -0.02	40.79 3.03 -1.67	44.08 3.09 -5.03	45.14 3.06 -7.32	47.83 3.00 -10.78	46.08 2.87 -10.16	49.16 2.79 -14.26	47.12 3.07 -9.51	45.62 3.30 -4.37	46.58 3.18 -4.11	48.84 3.35 -3.64	52.51 3.60 -4.52	50.32 3.11 -8.27	42.20 2.61 -6.53	34.65 2.42 -2.66
LONG_LAKE_PHOENIX 24014	23.51 -0.43 0.00	19.95 -0.35 0.00	17.62 -0.32 0.00	16.99 -0.33 0.00	16.32 -0.30 0.00	23.36 -0.48 0.00	29.64 -0.70 0.00	33.34 -0.96 0.00	36.07 -1.12 0.00	34.66 -1.22 0.00	34.90 -1.19 0.00	34.73 -1.22 0.00	33.51 -1.25 0.00	32.83 -1.23 0.00	31.88 -1.16 0.00	30.92 -1.19 0.00	33.22 -1.31 0.00	36.55 -1.40 0.00	37.99 -1.30 0.00	40.60 -1.26 0.00	43.11 -1.29 0.00	37.76 -1.17 0.00	32.11 -0.96 0.00	29.04 -0.53 0.00
LOVETT___3 23632	25.30 1.36 0.00	21.46 1.16 0.00	18.96 1.02 0.00	18.30 0.99 0.00	17.58 0.96 0.00	25.12 1.29 0.00	31.55 1.21 0.00	35.92 1.61 0.00	39.04 1.86 0.00	37.96 2.08 0.00	38.11 2.02 0.00	38.04 2.09 0.00	36.82 2.05 0.00	36.06 2.01 0.00	34.99 1.95 0.00	34.03 1.93 0.01	36.67 2.14 0.00	40.23 2.28 0.00	41.45 2.16 0.00	44.15 2.30 0.01	46.88 2.49 0.00	40.96 2.02 0.00	34.62 1.55 0.00	31.02 1.45 0.00
LOVETT___4 23642	25.30 1.36 0.00	21.46 1.16 0.00	18.96 1.02 0.00	18.30 0.99 0.00	17.58 0.96 0.00	25.12 1.29 0.00	31.55 1.21 0.00	35.92 1.61 0.00	39.04 1.86 0.00	37.96 2.08 0.00	38.11 2.02 0.00	38.04 2.09 0.00	36.82 2.05 0.00	36.06 2.01 0.00	34.99 1.95 0.00	34.03 1.93 0.01	36.67 2.14 0.00	40.23 2.28 0.00	41.45 2.16 0.00	44.15 2.30 0.01	46.88 2.49 0.00	40.96 2.02 0.00	34.62 1.55 0.00	31.02 1.45 0.00
LOVETT___5 23593	25.30 1.36 0.00	21.46 1.16 0.00	18.96 1.02 0.00	18.30 0.99 0.00	17.58 0.96 0.00	25.12 1.29 0.00	31.55 1.21 0.00	35.92 1.61 0.00	39.04 1.86 0.00	37.96 2.08 0.00	38.11 2.02 0.00	38.04 2.09 0.00	36.82 2.05 0.00	36.06 2.01 0.00	34.99 1.95 0.00	34.03 1.93 0.01	36.67 2.14 0.00	40.23 2.28 0.00	41.45 2.16 0.00	44.15 2.30 0.01	46.88 2.49 0.00	40.96 2.02 0.00	34.62 1.55 0.00	31.02 1.45 0.00
LOWER RAQUET___HYD 24057	22.81 -1.12 0.00	19.32 -0.97 0.00	17.10 -0.84 0.00	16.54 -0.78 0.00	15.80 -0.81 0.00	22.93 -0.91 0.00	29.94 -0.40 0.00	33.86 -0.45 0.00	36.66 -0.52 0.00	35.38 -0.50 0.00	35.51 -0.58 0.00	35.49 -0.47 0.00	34.24 -0.52 0.00	33.51 -0.55 0.00	32.45 -0.59 0.00	31.56 -0.55 0.00	34.05 -0.48 0.00	37.46 -0.49 0.00	38.93 -0.35 0.00	41.30 -0.55 0.00	43.60 -0.80 0.00	38.39 -0.55 0.00	32.44 -0.63 0.00	28.39 -1.18 0.00
LOWER___HUDSON 24059	25.02 1.08 0.00	21.23 0.93 0.00	18.75 0.81 0.00	18.10 0.78 0.00	17.36 0.75 0.00	24.86 1.02 0.00	31.27 0.94 0.00	35.33 1.03 0.00	38.41 1.23 0.00	37.07 1.18 0.00	37.28 1.19 0.00	37.14 1.18 0.00	35.88 1.11 0.00	35.14 1.09 0.00	34.10 1.06 0.00	33.19 1.09 0.01	35.64 1.10 0.00	39.24 1.29 0.00	40.51 1.22 0.00	43.22 1.38 0.01	45.86 1.46 0.00	40.26 1.32 0.00	34.35 1.29 0.00	30.90 1.33 0.00
LOWVILLE_115KV_TB2 356335	23.91 -0.02 0.00	20.22 -0.08 0.00	17.85 -0.09 0.00	17.21 -0.10 0.00	16.55 -0.07 0.00	23.91 0.07 0.00	30.33 0.00 0.00	34.13 -0.17 0.00	36.99 -0.19 0.00	35.52 -0.36 0.00	35.80 -0.29 0.00	35.60 -0.36 0.00	34.35 -0.42 0.00	33.58 -0.48 0.00	32.58 -0.46 0.00	31.72 -0.39 0.01	34.19 -0.35 0.00	37.84 -0.11 0.00	39.45 0.16 0.00	42.18 0.33 0.01	44.84 0.44 0.00	39.17 0.23 0.00	32.90 -0.17 0.00	29.39 -0.18 0.00
LUTHERFT_115KV_GLOB_FND_222 355753	25.21 1.27 0.00	21.35 1.06 0.00	18.87 0.93 0.00	18.20 0.88 0.00	17.48 0.86 0.00	25.03 1.19 0.00	31.55 1.21 0.00	35.71 1.41 0.00	38.85 1.67 0.00	37.43 1.54 0.00	37.67 1.59 0.00	37.54 1.58 0.00	36.19 1.43 0.00	35.52 1.46 0.00	34.39 1.35 0.00	33.48 1.38 0.01	35.95 1.42 0.00	39.58 1.63 0.00	40.94 1.65 0.00	43.77 1.93 0.01	46.39 2.00 0.00	40.80 1.87 0.00	34.69 1.62 0.00	31.17 1.60 0.00

LUTHERNY_35_KV_BK2 355980	25.21 1.27 0.00	21.37 1.08 0.00	18.87 0.93 0.00	18.22 0.90 0.00	17.48 0.86 0.00	25.03 1.19 0.00	31.58 1.24 0.00	35.71 1.41 0.00	38.85 1.67 0.00	37.43 1.54 0.00	37.71 1.62 0.00	37.57 1.62 0.00	36.19 1.43 0.00	35.52 1.46 0.00	34.43 1.39 0.00	33.52 1.41 0.01	35.98 1.45 0.00	39.62 1.67 0.00	40.98 1.69 0.00	43.81 1.97 0.01	46.44 2.04 0.00	40.80 1.87 0.00	34.72 1.65 0.00	31.17 1.60 0.00
LWR___OSWEGATCHIE_HYD 23850	23.12 -0.81 0.00	19.59 -0.71 0.00	17.30 -0.65 0.00	16.71 -0.61 0.00	16.02 -0.60 0.00	23.19 -0.64 0.00	29.85 -0.49 0.00	33.69 -0.62 0.00	36.47 -0.71 0.00	35.09 -0.79 0.00	35.33 -0.76 0.00	35.20 -0.76 0.00	33.93 -0.83 0.00	33.17 -0.89 0.00	32.18 -0.86 0.00	31.30 -0.80 0.00	33.74 -0.79 0.00	37.27 -0.68 0.00	38.82 -0.47 0.00	41.35 -0.50 0.01	43.86 -0.53 0.00	38.43 -0.51 0.00	32.37 -0.69 0.00	28.63 -0.95 0.00
LYONS_FALL_HYD 23570	24.15 0.21 0.00	20.44 0.14 0.00	18.03 0.09 0.00	17.39 0.07 0.00	16.73 0.12 0.00	24.12 0.29 0.00	30.55 0.21 0.00	34.41 0.10 0.00	37.37 0.19 0.00	35.88 0.00 0.00	36.20 0.11 0.00	35.99 0.04 0.00	34.73 -0.03 0.00	33.95 -0.10 0.00	32.94 -0.10 0.00	32.04 -0.06 0.01	34.53 0.00 0.00	38.14 0.19 0.00	39.68 0.39 0.00	42.43 0.59 0.01	45.06 0.67 0.00	39.44 0.50 0.00	33.23 0.17 0.00	29.78 0.21 0.00
MADISON___COUNTY_LFGE 323628	24.58 0.65 0.00	20.83 0.53 0.00	18.37 0.43 0.00	17.71 0.40 0.00	17.05 0.43 0.00	24.50 0.67 0.00	30.97 0.64 0.00	34.96 0.65 0.00	37.92 0.74 0.00	36.42 0.54 0.00	36.74 0.65 0.00	36.49 0.54 0.00	35.18 0.42 0.00	34.43 0.37 0.00	33.40 0.36 0.00	32.46 0.35 0.01	34.98 0.45 0.00	38.60 0.65 0.00	40.11 0.83 0.00	42.89 1.05 0.01	45.60 1.20 0.00	39.91 0.97 0.00	33.76 0.69 0.00	30.40 0.83 0.00
MALONE___115KV_TB1 356076	23.46 -0.48 0.00	19.91 -0.39 0.00	17.64 -0.30 0.00	17.07 -0.24 0.00	16.28 -0.33 0.00	23.65 -0.19 0.00	30.79 0.45 0.00	34.89 0.58 0.00	37.74 0.56 0.00	36.46 0.57 0.00	36.63 0.54 0.00	36.49 0.54 0.00	35.29 0.52 0.00	34.50 0.44 0.00	33.37 0.33 0.00	32.46 0.35 0.00	35.02 0.48 0.00	38.48 0.53 0.00	39.92 0.63 0.00	42.27 0.42 0.00	44.84 0.44 0.00	39.17 0.23 0.00	33.07 0.00 0.00	29.07 -0.50 0.00
MAPLEWOD_115KV_TB3 80458	24.94 1.01 0.00	21.19 0.89 0.00	18.73 0.79 0.00	18.06 0.74 0.00	17.33 0.71 0.00	24.79 0.95 0.00	31.06 0.73 0.00	35.09 0.79 0.00	38.15 0.97 0.00	36.85 0.97 0.00	37.03 0.94 0.00	36.89 0.93 0.00	35.63 0.87 0.00	34.97 0.92 0.00	33.93 0.89 0.00	33.00 0.90 0.01	35.43 0.90 0.00	38.98 1.02 0.00	40.23 0.94 0.00	42.85 1.00 0.01	45.46 1.07 0.00	39.98 1.05 0.00	34.09 1.03 0.00	30.67 1.09 0.00
MAPLE_RIDGE_WT_1 323574	23.72 -0.22 0.00	20.10 -0.20 0.00	17.74 -0.20 0.00	17.13 -0.19 0.00	16.40 -0.22 0.00	23.53 -0.31 0.00	29.91 -0.42 0.00	33.82 -0.48 0.00	36.70 -0.48 0.00	35.42 -0.47 0.00	35.66 -0.43 0.00	35.56 -0.39 0.00	34.38 -0.38 0.00	33.75 -0.31 0.00	32.77 -0.27 0.00	31.84 -0.26 0.01	34.26 -0.28 0.00	37.61 -0.34 0.00	38.93 -0.35 0.00	41.42 -0.42 0.01	43.91 -0.49 0.00	38.42 -0.51 0.00	32.60 -0.46 0.00	29.19 -0.39 0.00
MAPLE_RIDGE_WT_2 323611	23.72 -0.22 0.00	20.10 -0.20 0.00	17.74 -0.20 0.00	17.13 -0.19 0.00	16.40 -0.22 0.00	23.53 -0.31 0.00	29.91 -0.42 0.00	33.82 -0.48 0.00	36.70 -0.48 0.00	35.42 -0.47 0.00	35.66 -0.43 0.00	35.56 -0.39 0.00	34.38 -0.38 0.00	33.75 -0.31 0.00	32.77 -0.27 0.00	31.84 -0.26 0.01	34.26 -0.28 0.00	37.61 -0.34 0.00	38.93 -0.35 0.00	41.42 -0.42 0.01	43.91 -0.49 0.00	38.42 -0.51 0.00	32.60 -0.46 0.00	29.19 -0.39 0.00
MARBLE_RIVER_WT_PWR 323696	23.46 -0.48 0.00	19.89 -0.41 0.00	17.65 -0.29 0.00	17.07 -0.24 0.00	16.32 -0.30 0.00	23.62 -0.21 0.00	30.64 0.30 0.00	34.72 0.41 0.00	37.59 0.41 0.00	36.32 0.43 0.00	36.45 0.36 0.00	36.39 0.43 0.00	35.11 0.35 0.00	34.39 0.34 0.00	33.30 0.26 0.00	32.33 0.23 0.00	34.91 0.38 0.00	38.33 0.38 0.00	39.68 0.39 0.00	41.98 0.13 0.00	44.44 0.04 0.00	38.85 -0.08 0.00	32.90 -0.16 0.00	29.01 -0.56 0.00
MARSHVLE_115KV_TB1 80742	26.16 2.23 0.00	22.17 1.87 0.00	19.57 1.63 0.00	18.87 1.56 0.00	18.16 1.55 0.00	26.05 2.22 0.00	32.79 2.46 0.00	37.15 2.85 0.00	41.23 4.05 0.00	39.51 3.62 0.00	39.77 3.68 0.00	39.48 3.52 0.00	37.89 3.13 0.00	37.15 3.10 0.00	36.01 2.97 0.00	35.06 2.95 0.01	37.54 3.00 0.00	41.41 3.45 0.00	43.06 3.77 0.01	45.48 3.64 0.01	48.35 3.95 0.00	42.75 3.82 0.00	36.14 3.08 0.00	32.38 2.81 0.00
MARSH_HILL_WT_PWR 323713	22.98 -0.96 0.00	19.55 -0.75 0.00	17.20 -0.74 0.00	16.61 -0.71 0.00	15.98 -0.63 0.00	22.88 -0.95 0.00	29.21 -1.12 0.00	33.20 -1.10 0.00	36.88 -0.30 0.00	34.81 -1.08 0.00	34.93 -1.16 0.00	34.45 -1.51 0.00	33.13 -1.63 0.00	32.35 -1.70 0.00	31.32 -1.72 0.00	30.24 -1.86 0.01	32.63 -1.90 0.00	36.17 -1.78 0.00	38.23 -1.06 0.00	41.38 -0.46 0.01	44.00 -0.40 0.00	38.54 -0.39 0.00	32.34 -0.73 0.00	29.16 -0.41 0.00
MCINTYRE_115KV_TB2 80467	23.53 -0.41 0.00	19.93 -0.37 0.00	17.64 -0.30 0.00	17.06 -0.26 0.00	16.30 -0.32 0.00	23.72 -0.12 0.00	30.91 0.58 0.00	34.89 0.58 0.00	37.66 0.48 0.00	36.24 0.36 0.00	36.45 0.36 0.00	36.31 0.36 0.00	35.01 0.24 0.00	34.19 0.14 0.00	33.17 0.13 0.00	32.30 0.19 0.00	34.91 0.38 0.00	38.52 0.57 0.00	40.23 0.94 0.00	42.77 0.92 0.00	45.28 0.89 0.00	39.75 0.82 0.00	33.59 0.53 0.00	29.36 -0.21 0.00
MECO_____69_KV_BK1 80468	26.07 2.13 0.00	22.09 1.79 0.00	19.50 1.56 0.00	18.81 1.49 0.00	18.08 1.46 0.00	25.96 2.12 0.00	32.76 2.43 0.00	37.12 2.81 0.00	40.79 3.61 0.00	39.08 3.19 0.00	39.30 3.21 0.00	39.01 3.06 0.00	37.48 2.71 0.00	36.78 2.72 0.00	35.65 2.61 0.00	34.70 2.60 0.01	37.26 2.73 0.00	41.14 3.19 0.00	42.82 3.54 0.00	45.52 3.68 0.01	48.35 3.95 0.00	42.63 3.70 0.00	36.04 2.98 0.00	32.29 2.72 0.00
MENANDS___115KV_TB5 355628	24.87 0.93 0.00	21.13 0.83 0.00	18.69 0.75 0.00	18.03 0.71 0.00	17.28 0.66 0.00	24.72 0.88 0.00	30.94 0.61 0.00	34.96 0.65 0.00	37.96 0.78 0.00	36.67 0.79 0.00	36.88 0.79 0.00	36.75 0.79 0.00	35.49 0.73 0.00	34.84 0.78 0.00	33.80 0.76 0.00	32.87 0.77 0.01	35.29 0.76 0.00	38.82 0.87 0.00	40.03 0.75 0.00	42.64 0.80 0.01	45.20 0.80 0.00	39.75 0.82 0.00	33.93 0.86 0.00	30.55 0.98 0.00
MG INDUSTRY___DRP 24185	24.80 0.86 0.00	21.07 0.77 0.00	18.64 0.70 0.00	17.97 0.66 0.00	17.23 0.61 0.00	24.65 0.81 0.00	30.94 0.61 0.00	34.96 0.65 0.00	37.96 0.78 0.00	36.64 0.75 0.00	36.81 0.72 0.00	36.67 0.72 0.00	35.42 0.66 0.00	34.73 0.68 0.00	33.70 0.66 0.00	32.78 0.67 0.01	35.22 0.69 0.00	38.75 0.80 0.00	40.00 0.71 0.00	42.64 0.80 0.01	45.24 0.84 0.00	39.79 0.86 0.00	33.89 0.83 0.00	30.52 0.95 0.00

MID___OSWEGATCHIE_HYD 23849	23.12 -0.81 0.00	19.59 -0.71 0.00	17.30 -0.65 0.00	16.71 -0.61 0.00	16.02 -0.60 0.00	23.19 -0.64 0.00	29.85 -0.49 0.00	33.69 -0.62 0.00	36.47 -0.71 0.00	35.09 -0.79 0.00	35.33 -0.76 0.00	35.20 -0.76 0.00	33.93 -0.83 0.00	33.17 -0.89 0.00	32.18 -0.86 0.00	31.30 -0.80 0.00	33.74 -0.79 0.00	37.27 -0.68 0.00	38.82 -0.47 0.00	41.35 -0.50 0.01	43.86 -0.53 0.00	38.43 -0.51 0.00	32.37 -0.69 0.00	28.63 -0.95 0.00
MID___RAQUETTE_HYD 23851	22.81 -1.13 0.00	19.32 -0.97 0.00	17.12 -0.83 0.00	16.54 -0.78 0.00	15.80 -0.81 0.00	22.96 -0.88 0.00	29.94 -0.39 0.00	33.86 -0.45 0.00	36.66 -0.52 0.00	35.38 -0.50 0.00	35.58 -0.51 0.00	35.49 -0.47 0.00	34.28 -0.49 0.00	33.51 -0.54 0.00	32.45 -0.59 0.00	31.59 -0.51 0.00	34.05 -0.48 0.00	37.50 -0.46 0.00	38.93 -0.35 0.00	41.35 -0.50 0.00	43.69 -0.71 0.00	38.39 -0.55 0.00	32.44 -0.63 0.00	28.39 -1.18 0.00
MILLIKEN___1 23584	24.25 0.31 0.00	20.58 0.28 0.00	18.14 0.20 0.00	17.49 0.17 0.00	16.81 0.20 0.00	24.08 0.24 0.00	30.55 0.21 0.00	34.51 0.21 0.00	37.37 0.19 0.00	35.74 -0.14 0.00	35.94 -0.14 0.00	35.70 -0.25 0.00	34.38 -0.38 0.00	33.68 -0.37 0.00	32.71 -0.33 0.00	31.75 -0.35 0.01	34.26 -0.28 0.00	37.76 -0.19 0.00	39.37 0.08 0.00	42.22 0.38 0.01	44.89 0.49 0.00	39.28 0.35 0.00	33.23 0.17 0.00	30.01 0.44 0.00
MILLIKEN___2 23585	24.25 0.31 0.00	20.58 0.28 0.00	18.14 0.20 0.00	17.49 0.17 0.00	16.81 0.20 0.00	24.08 0.24 0.00	30.55 0.21 0.00	34.51 0.21 0.00	37.37 0.19 0.00	35.74 -0.14 0.00	35.94 -0.14 0.00	35.70 -0.25 0.00	34.38 -0.38 0.00	33.68 -0.37 0.00	32.71 -0.33 0.00	31.75 -0.35 0.01	34.26 -0.28 0.00	37.76 -0.19 0.00	39.37 0.08 0.00	42.22 0.38 0.01	44.89 0.49 0.00	39.28 0.35 0.00	33.23 0.17 0.00	30.01 0.44 0.00
MILLIKEN___DIESEL 23629	24.25 0.31 0.00	20.58 0.28 0.00	18.14 0.20 0.00	17.49 0.17 0.00	16.81 0.20 0.00	24.08 0.24 0.00	30.55 0.21 0.00	34.51 0.21 0.00	37.37 0.19 0.00	35.74 -0.14 0.00	35.94 -0.14 0.00	35.70 -0.25 0.00	34.38 -0.38 0.00	33.68 -0.37 0.00	32.71 -0.33 0.00	31.75 -0.35 0.01	34.26 -0.28 0.00	37.76 -0.19 0.00	39.37 0.08 0.00	42.22 0.38 0.01	44.89 0.49 0.00	39.28 0.35 0.00	33.23 0.17 0.00	30.01 0.44 0.00
MILLSEAT___LFGE 323607	22.93 -1.00 0.00	19.51 -0.79 0.00	17.17 -0.77 0.00	16.55 -0.76 0.00	15.87 -0.75 0.00	22.50 -1.33 0.00	28.45 -1.88 0.00	32.35 -1.95 0.00	34.62 -2.57 0.00	32.51 -3.37 0.00	32.95 -3.14 0.00	32.33 -3.63 0.00	31.57 -3.20 0.00	30.95 -3.10 0.00	30.20 -2.84 0.00	29.31 -2.79 0.01	31.60 -2.94 0.00	34.69 -3.26 0.00	36.42 -2.87 0.00	39.25 -2.59 0.01	41.78 -2.62 0.00	36.52 -2.41 0.00	31.15 -1.92 0.00	28.42 -1.15 0.00
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	25.47 1.53 0.00	21.62 1.32 0.00	19.11 1.17 0.00	18.42 1.11 0.00	17.69 1.08 0.00	25.29 1.45 0.00	31.73 1.40 0.00	36.19 1.89 0.00	39.37 2.19 0.00	38.29 2.40 0.00	38.43 2.35 0.00	38.33 2.37 0.00	37.13 2.36 0.00	36.37 2.32 0.00	35.29 2.25 0.00	34.32 2.22 0.01	36.99 2.45 0.00	40.61 2.66 0.00	41.84 2.55 0.00	44.52 2.68 0.01	47.24 2.84 0.00	41.35 2.41 0.00	34.98 1.92 0.00	31.35 1.77 0.00
MILLWOOD_13_KV_LOAD 356217	25.52 1.58 0.00	21.66 1.36 0.00	19.13 1.18 0.00	18.44 1.13 0.00	17.71 1.10 0.00	25.34 1.50 0.00	31.76 1.43 0.00	36.22 1.92 0.00	39.41 2.23 0.00	38.32 2.44 0.00	38.54 2.45 0.00	38.44 2.48 0.00	37.23 2.47 0.00	36.47 2.42 0.00	35.39 2.35 0.00	34.41 2.31 0.01	37.05 2.52 0.00	40.68 2.73 0.00	41.92 2.63 0.00	44.61 2.76 0.01	47.37 2.97 0.00	41.42 2.49 0.00	35.05 1.98 0.00	31.40 1.83 0.00
MODEL_CITY_ENERGY 24167	22.29 -1.65 0.00	19.00 -1.30 0.00	16.72 -1.22 0.00	16.07 -1.25 0.00	15.43 -1.18 0.00	21.81 -2.03 0.00	27.51 -2.82 0.00	31.18 -3.12 0.00	33.20 -3.98 0.00	31.25 -4.63 0.00	31.72 -4.37 0.00	31.07 -4.89 0.00	30.28 -4.48 0.00	29.76 -4.29 0.00	29.04 -4.00 0.00	28.21 -3.89 0.01	30.39 -4.14 0.00	33.28 -4.67 0.00	34.93 -4.36 0.00	37.57 -4.27 0.01	39.96 -4.44 0.00	35.04 -3.89 0.00	30.02 -3.04 0.00	27.50 -2.07 0.00
MODERN_LFGE___ 323580	22.29 -1.65 0.00	19.00 -1.30 0.00	16.72 -1.22 0.00	16.07 -1.25 0.00	15.43 -1.18 0.00	21.81 -2.03 0.00	27.51 -2.82 0.00	31.18 -3.12 0.00	33.20 -3.98 0.00	31.25 -4.63 0.00	31.72 -4.37 0.00	31.07 -4.89 0.00	30.28 -4.48 0.00	29.76 -4.29 0.00	29.04 -4.00 0.00	28.21 -3.89 0.01	30.39 -4.14 0.00	33.28 -4.67 0.00	34.93 -4.36 0.00	37.57 -4.27 0.01	39.96 -4.44 0.00	35.04 -3.89 0.00	30.02 -3.04 0.00	27.50 -2.07 0.00
MOHAWK_PAPER___DRP 24187	24.94 1.01 0.00	21.19 0.89 0.00	18.73 0.79 0.00	18.06 0.74 0.00	17.33 0.71 0.00	24.79 0.95 0.00	31.06 0.73 0.00	35.09 0.79 0.00	38.15 0.97 0.00	36.85 0.97 0.00	37.03 0.94 0.00	36.89 0.93 0.00	35.63 0.87 0.00	34.97 0.92 0.00	33.93 0.89 0.00	33.00 0.90 0.01	35.43 0.90 0.00	38.98 1.02 0.00	40.23 0.94 0.00	42.85 1.00 0.01	45.46 1.07 0.00	39.98 1.05 0.00	34.09 1.03 0.00	30.67 1.09 0.00
MOHICAN__35_KV_115KV_LD 80490	25.30 1.36 0.00	21.39 1.10 0.00	18.91 0.97 0.00	18.23 0.92 0.00	17.51 0.90 0.00	25.10 1.26 0.00	31.70 1.36 0.00	35.92 1.61 0.00	39.08 1.90 0.00	37.61 1.72 0.00	37.89 1.80 0.00	37.79 1.83 0.00	36.36 1.60 0.00	35.69 1.63 0.00	34.56 1.52 0.00	33.64 1.54 0.01	36.12 1.59 0.00	39.77 1.82 0.00	41.21 1.93 0.00	44.10 2.26 0.01	46.75 2.35 0.00	41.11 2.18 0.00	34.88 1.82 0.00	31.29 1.72 0.00
MONGAUP___HYD 23641	25.23 1.29 0.00	21.41 1.12 0.00	18.87 0.93 0.00	18.25 0.93 0.00	17.53 0.91 0.00	25.08 1.24 0.00	31.51 1.18 0.00	35.50 1.20 0.00	38.52 1.34 0.00	37.35 1.47 0.00	37.64 1.55 0.00	37.50 1.55 0.00	36.29 1.53 0.00	35.59 1.53 0.00	34.53 1.49 0.00	33.42 1.32 0.01	35.74 1.21 0.00	39.32 1.36 0.00	40.66 1.37 0.00	43.43 1.59 0.01	46.17 1.78 0.00	40.80 1.87 0.00	34.65 1.59 0.00	31.05 1.48 0.00
MONTAUK___DIESEL 23721	26.58 2.63 -0.01	22.43 2.13 0.00	20.08 2.13 -0.01	19.22 1.90 0.00	18.36 1.74 0.00	26.27 2.43 0.00	32.24 1.91 0.00	37.02 2.71 -0.01	40.16 2.97 -0.01	39.12 3.23 -0.01	39.14 2.67 -0.38	39.96 2.88 -1.13	39.40 2.99 -1.64	39.55 3.00 -2.50	40.10 2.78 -4.29	40.66 2.63 -5.92	40.76 2.97 -3.25	42.27 3.34 -0.98	43.79 3.58 -0.93	46.35 3.68 -0.81	49.14 3.73 -1.02	43.97 3.19 -1.85	39.51 2.88 -3.57	34.13 2.84 -1.72
MOONROAD_115KV_HARTFLD_TB1-2 355988	22.17 -1.77 0.00	18.92 -1.38 0.00	16.56 -1.38 0.00	16.17 -1.14 0.00	15.63 -0.98 0.00	22.31 -1.53 0.00	28.39 -1.94 0.00	32.52 -1.78 0.00	34.65 -2.53 0.00	32.69 -3.19 0.00	32.80 -3.28 0.00	32.40 -3.56 0.00	31.36 -3.41 0.00	30.65 -3.41 0.00	29.80 -3.24 0.00	28.76 -3.34 0.01	30.94 -3.59 0.00	33.81 -4.14 0.00	35.67 -3.61 0.00	38.70 -3.14 0.01	41.47 -2.93 0.00	36.25 -2.69 0.00	30.78 -2.28 0.00	28.15 -1.42 0.00

MORRIS_RIDGE___SOLAR 323848	22.91 -1.03 0.00	19.47 -0.83 0.00	17.12 -0.82 0.00	16.49 -0.83 0.00	15.85 -0.76 0.00	22.62 -1.21 0.00	28.79 -1.55 0.00	32.62 -1.68 0.00	34.65 -2.53 0.00	32.72 -3.16 0.00	32.98 -3.10 0.00	32.54 -3.42 0.00	31.50 -3.27 0.00	30.92 -3.13 0.00	30.13 -2.91 0.00	29.24 -2.86 0.01	31.46 -3.07 0.00	34.46 -3.49 0.00	36.30 -2.99 0.00	39.37 -2.47 0.01	42.00 -2.40 0.00	36.91 -2.03 0.00	31.38 -1.69 0.00	28.57 -1.01 0.00
MORTIMER_115KV_TB3 55949	23.17 -0.77 0.00	19.71 -0.59 0.00	17.30 -0.65 0.00	16.74 -0.57 0.00	16.07 -0.55 0.00	22.84 -1.00 0.00	28.91 -1.43 0.00	32.76 -1.54 0.00	35.28 -1.90 0.00	33.51 -2.37 0.00	33.74 -2.35 0.00	33.47 -2.48 0.00	32.54 -2.22 0.00	31.87 -2.18 0.00	31.09 -1.95 0.00	30.17 -1.93 0.01	32.50 -2.04 0.00	35.64 -2.32 0.00	37.21 -2.08 0.00	39.96 -1.88 0.01	42.49 -1.91 0.00	37.10 -1.83 0.00	31.58 -1.49 0.00	28.71 -0.86 0.00
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	25.66 1.72 0.00	21.78 1.48 0.00	19.23 1.29 0.00	18.55 1.23 0.00	17.81 1.20 0.00	25.48 1.64 0.00	31.97 1.64 0.00	36.46 2.16 0.00	39.67 2.49 0.00	38.61 2.73 0.00	38.76 2.67 0.00	38.65 2.70 0.00	37.44 2.68 0.00	36.68 2.62 0.00	35.58 2.54 0.00	34.64 2.54 0.01	37.30 2.76 0.00	40.99 3.04 0.00	42.20 2.91 0.00	44.86 3.01 0.01	47.59 3.20 0.00	41.66 2.73 0.00	35.25 2.18 0.00	31.58 2.01 0.00
MUNSVILLE_WIND_PWR 323609	25.64 1.70 0.00	21.72 1.42 0.00	19.14 1.20 0.00	18.44 1.12 0.00	17.81 1.20 0.00	25.67 1.84 0.00	32.42 2.09 0.00	36.64 2.33 0.00	39.82 2.64 0.00	38.04 2.15 0.00	38.47 2.38 0.00	38.08 2.12 0.00	36.67 1.91 0.00	35.75 1.70 0.00	34.69 1.65 0.00	33.77 1.67 0.01	36.40 1.86 0.00	40.34 2.39 0.00	42.35 3.07 0.00	45.53 3.68 0.01	48.48 4.08 0.00	42.32 3.39 0.00	35.58 2.51 0.00	32.00 2.43 0.00
N SALMON___HYD 24042	23.46 -0.48 0.00	19.91 -0.39 0.00	17.64 -0.31 0.00	17.07 -0.24 0.00	16.28 -0.33 0.00	23.65 -0.19 0.00	30.79 0.46 0.00	34.89 0.58 0.00	37.74 0.56 0.00	36.46 0.57 0.00	36.55 0.47 0.00	36.50 0.54 0.00	35.21 0.45 0.00	34.49 0.44 0.00	33.37 0.33 0.00	32.46 0.35 0.00	35.02 0.48 0.00	38.48 0.53 0.00	39.91 0.63 0.00	42.22 0.38 0.00	44.80 0.40 0.00	39.17 0.24 0.00	33.07 0.00 0.00	29.07 -0.50 0.00
N.AKRON__115KV_KNAPP 355671	22.84 -1.10 0.00	19.49 -0.81 0.00	17.03 -0.91 0.00	16.52 -0.80 0.00	15.85 -0.76 0.00	22.45 -1.38 0.00	28.39 -1.94 0.00	32.25 -2.06 0.00	34.50 -2.68 0.00	32.40 -3.48 0.00	32.55 -3.54 0.00	32.22 -3.74 0.00	31.39 -3.37 0.00	30.78 -3.27 0.00	30.10 -2.94 0.00	29.21 -2.89 0.01	31.49 -3.04 0.00	34.50 -3.45 0.00	36.26 -3.03 0.00	39.16 -2.68 0.01	41.69 -2.71 0.00	36.40 -2.53 0.00	31.05 -2.02 0.00	28.36 -1.21 0.00
N.E_GEN_SANDY PD 24062	32.10 1.22 -6.94	29.20 1.05 -7.85	27.00 0.91 -8.14	25.94 0.88 -7.74	27.59 0.86 -10.11	34.40 1.17 -9.39	34.60 1.06 -3.21	43.20 1.17 -7.73	39.55 1.34 -1.03	38.97 1.33 -1.76	40.80 1.30 -3.42	39.44 1.29 -2.19	38.99 1.25 -2.98	38.90 1.22 -3.62	38.20 1.19 -3.97	36.30 1.22 -2.97	35.74 1.21 0.00	43.00 1.44 -3.61	43.10 1.34 -2.48	50.40 1.46 -7.08	50.90 1.55 -4.95	44.50 1.40 -4.17	34.73 1.49 -0.18	30.87 1.48 0.18
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	25.33 1.39 0.00	21.50 1.20 0.00	18.98 1.04 0.00	18.32 1.00 0.00	17.59 0.98 0.00	25.17 1.33 0.00	31.58 1.24 0.00	35.95 1.65 0.00	39.08 1.90 0.00	38.04 2.15 0.00	38.18 2.09 0.00	38.08 2.12 0.00	36.85 2.09 0.00	36.13 2.08 0.00	35.06 2.02 0.00	34.09 1.99 0.01	36.74 2.21 0.00	40.30 2.35 0.00	41.53 2.24 0.00	44.23 2.39 0.01	46.97 2.58 0.00	41.03 2.10 0.00	34.69 1.62 0.00	31.05 1.48 0.00
N.QUEENS_27_KV_LOAD 356247	25.65 1.72 0.01	21.86 1.56 0.00	19.30 1.36 0.00	18.60 1.28 0.00	17.86 1.25 0.00	25.43 1.60 0.00	31.82 1.49 0.00	36.40 2.09 0.00	39.63 2.45 0.00	38.61 2.73 0.00	38.76 2.67 0.00	38.69 2.73 0.00	37.51 2.75 0.00	36.74 2.69 0.00	35.65 2.61 0.00	34.70 2.60 0.01	37.35 2.83 0.02	41.05 3.11 0.02	42.30 3.03 0.02	44.94 3.10 0.01	47.64 3.24 0.00	41.58 2.65 0.00	35.15 2.08 0.00	31.46 1.89 0.00
N.TROY___115KV_TB1 355778	25.01 1.08 0.00	21.23 0.93 0.00	18.77 0.83 0.00	18.10 0.78 0.00	17.36 0.75 0.00	24.86 1.03 0.00	31.27 0.94 0.00	35.33 1.03 0.00	38.41 1.23 0.00	37.07 1.18 0.00	37.28 1.19 0.00	37.14 1.19 0.00	35.84 1.08 0.00	35.18 1.12 0.00	34.10 1.06 0.00	33.16 1.06 0.01	35.64 1.11 0.00	39.24 1.29 0.00	40.51 1.22 0.00	43.22 1.38 0.01	45.82 1.42 0.00	40.26 1.32 0.00	34.36 1.29 0.00	30.90 1.33 0.00
NARROWS_GT1_1 24228	25.88 1.94 0.00	21.97 1.66 -0.01	19.37 1.42 -0.01	18.69 1.37 -0.01	17.97 1.35 -0.01	25.60 1.76 0.00	32.09 1.76 0.00	36.67 2.37 0.00	39.93 2.75 0.00	38.90 3.01 0.00	39.01 2.92 0.00	38.94 2.98 0.00	37.72 2.95 0.00	36.95 2.89 0.00	35.85 2.81 0.00	34.93 2.83 0.01	37.65 3.11 -0.01	41.38 3.42 -0.01	42.68 3.38 -0.01	45.36 3.52 0.01	48.13 3.73 0.00	41.97 3.04 0.00	35.48 2.41 0.00	31.76 2.19 0.00
NARROWS_GT1_2 24229	25.88 1.94 0.00	21.97 1.66 -0.01	19.37 1.42 -0.01	18.69 1.37 -0.01	17.97 1.35 -0.01	25.60 1.76 0.00	32.09 1.76 0.00	36.67 2.37 0.00	39.93 2.75 0.00	38.90 3.01 0.00	39.01 2.92 0.00	38.94 2.98 0.00	37.72 2.95 0.00	36.95 2.89 0.00	35.85 2.81 0.00	34.93 2.83 0.01	37.65 3.11 -0.01	41.38 3.42 -0.01	42.68 3.38 -0.01	45.36 3.52 0.01	48.13 3.73 0.00	41.97 3.04 0.00	35.48 2.41 0.00	31.76 2.19 0.00
NARROWS_GT1_3 24230	25.88 1.94 0.00	21.97 1.66 -0.01	19.37 1.42 -0.01	18.69 1.37 -0.01	17.97 1.35 -0.01	25.60 1.76 0.00	32.09 1.76 0.00	36.67 2.37 0.00	39.93 2.75 0.00	38.90 3.01 0.00	39.01 2.92 0.00	38.94 2.98 0.00	37.72 2.95 0.00	36.95 2.89 0.00	35.85 2.81 0.00	34.93 2.83 0.01	37.65 3.11 -0.01	41.38 3.42 -0.01	42.68 3.38 -0.01	45.36 3.52 0.01	48.13 3.73 0.00	41.97 3.04 0.00	35.48 2.41 0.00	31.76 2.19 0.00
NARROWS_GT1_4 24231	25.88 1.94 0.00	21.97 1.66 -0.01	19.37 1.42 -0.01	18.69 1.37 -0.01	17.97 1.35 -0.01	25.60 1.76 0.00	32.09 1.76 0.00	36.67 2.37 0.00	39.93 2.75 0.00	38.90 3.01 0.00	39.01 2.92 0.00	38.94 2.98 0.00	37.72 2.95 0.00	36.95 2.89 0.00	35.85 2.81 0.00	34.93 2.83 0.01	37.65 3.11 -0.01	41.38 3.42 -0.01	42.68 3.38 -0.01	45.36 3.52 0.01	48.13 3.73 0.00	41.97 3.04 0.00	35.48 2.41 0.00	31.76 2.19 0.00
NARROWS_GT1_5 24232	25.88 1.94 0.00	21.97 1.66 -0.01	19.37 1.42 -0.01	18.69 1.37 -0.01	17.97 1.35 -0.01	25.60 1.76 0.00	32.09 1.76 0.00	36.67 2.37 0.00	39.93 2.75 0.00	38.90 3.01 0.00	39.01 2.92 0.00	38.94 2.98 0.00	37.72 2.95 0.00	36.95 2.89 0.00	35.85 2.81 0.00	34.93 2.83 0.01	37.65 3.11 -0.01	41.38 3.42 -0.01	42.68 3.38 -0.01	45.36 3.52 0.01	48.13 3.73 0.00	41.97 3.04 0.00	35.48 2.41 0.00	31.76 2.19 0.00

NARROWS_GT1_6 24233	25.88 1.94 0.00	21.97 1.66 -0.01	19.37 1.42 -0.01	18.69 1.37 -0.01	17.97 1.35 -0.01	25.60 1.76 0.00	32.09 1.76 0.00	36.67 2.37 0.00	39.93 2.75 0.00	38.90 3.01 0.00	39.01 2.92 0.00	38.94 2.98 0.00	37.72 2.95 0.00	36.95 2.89 0.00	35.85 2.81 0.00	34.93 2.83 0.01	37.65 3.11 -0.01	41.38 3.42 -0.01	42.68 3.38 -0.01	45.36 3.52 0.01	48.13 3.73 0.00	41.97 3.04 0.00	35.48 2.41 0.00	31.76 2.19 0.00
NARROWS_GT1_7 24234	25.88 1.94 0.00	21.97 1.66 -0.01	19.37 1.42 -0.01	18.69 1.37 -0.01	17.97 1.35 -0.01	25.60 1.76 0.00	32.09 1.76 0.00	36.67 2.37 0.00	39.93 2.75 0.00	38.90 3.01 0.00	39.01 2.92 0.00	38.94 2.98 0.00	37.72 2.95 0.00	36.95 2.89 0.00	35.85 2.81 0.00	34.93 2.83 0.01	37.65 3.11 -0.01	41.38 3.42 -0.01	42.68 3.38 -0.01	45.36 3.52 0.01	48.13 3.73 0.00	41.97 3.04 0.00	35.48 2.41 0.00	31.76 2.19 0.00
NARROWS_GT1_8 24235	25.88 1.94 0.00	21.97 1.66 -0.01	19.37 1.42 -0.01	18.69 1.37 -0.01	17.97 1.35 -0.01	25.60 1.76 0.00	32.09 1.76 0.00	36.67 2.37 0.00	39.93 2.75 0.00	38.90 3.01 0.00	39.01 2.92 0.00	38.94 2.98 0.00	37.72 2.95 0.00	36.95 2.89 0.00	35.85 2.81 0.00	34.93 2.83 0.01	37.65 3.11 -0.01	41.38 3.42 -0.01	42.68 3.38 -0.01	45.36 3.52 0.01	48.13 3.73 0.00	41.97 3.04 0.00	35.48 2.41 0.00	31.76 2.19 0.00
NARROWS_GT2_1 24236	25.88 1.94 0.00	21.97 1.66 -0.01	19.37 1.42 -0.01	18.69 1.37 -0.01	17.97 1.35 -0.01	25.60 1.76 0.00	32.09 1.76 0.00	36.67 2.37 0.00	39.93 2.75 0.00	38.90 3.01 0.00	39.01 2.92 0.00	38.94 2.98 0.00	37.72 2.95 0.00	36.95 2.89 0.00	35.85 2.81 0.00	34.93 2.83 0.01	37.65 3.11 -0.01	41.38 3.42 -0.01	42.68 3.38 -0.01	45.36 3.52 0.01	48.13 3.73 0.00	41.97 3.04 0.00	35.48 2.41 0.00	31.76 2.19 0.00
NARROWS_GT2_2 24237	25.88 1.94 0.00	21.97 1.66 -0.01	19.37 1.42 -0.01	18.69 1.37 -0.01	17.97 1.35 -0.01	25.60 1.76 0.00	32.09 1.76 0.00	36.67 2.37 0.00	39.93 2.75 0.00	38.90 3.01 0.00	39.01 2.92 0.00	38.94 2.98 0.00	37.72 2.95 0.00	36.95 2.89 0.00	35.85 2.81 0.00	34.93 2.83 0.01	37.65 3.11 -0.01	41.38 3.42 -0.01	42.68 3.38 -0.01	45.36 3.52 0.01	48.13 3.73 0.00	41.97 3.04 0.00	35.48 2.41 0.00	31.76 2.19 0.00
NARROWS_GT2_3 24238	25.88 1.94 0.00	21.97 1.66 -0.01	19.37 1.42 -0.01	18.69 1.37 -0.01	17.97 1.35 -0.01	25.60 1.76 0.00	32.09 1.76 0.00	36.67 2.37 0.00	39.93 2.75 0.00	38.90 3.01 0.00	39.01 2.92 0.00	38.94 2.98 0.00	37.72 2.95 0.00	36.95 2.89 0.00	35.85 2.81 0.00	34.93 2.83 0.01	37.65 3.11 -0.01	41.38 3.42 -0.01	42.68 3.38 -0.01	45.36 3.52 0.01	48.13 3.73 0.00	41.97 3.04 0.00	35.48 2.41 0.00	31.76 2.19 0.00
NARROWS_GT2_4 24239	25.88 1.94 0.00	21.97 1.66 -0.01	19.37 1.42 -0.01	18.69 1.37 -0.01	17.97 1.35 -0.01	25.60 1.76 0.00	32.09 1.76 0.00	36.67 2.37 0.00	39.93 2.75 0.00	38.90 3.01 0.00	39.01 2.92 0.00	38.94 2.98 0.00	37.72 2.95 0.00	36.95 2.89 0.00	35.85 2.81 0.00	34.93 2.83 0.01	37.65 3.11 -0.01	41.38 3.42 -0.01	42.68 3.38 -0.01	45.36 3.52 0.01	48.13 3.73 0.00	41.97 3.04 0.00	35.48 2.41 0.00	31.76 2.19 0.00
NARROWS_GT2_5 24240	25.88 1.94 0.00	21.97 1.66 -0.01	19.37 1.42 -0.01	18.69 1.37 -0.01	17.97 1.35 -0.01	25.60 1.76 0.00	32.09 1.76 0.00	36.67 2.37 0.00	39.93 2.75 0.00	38.90 3.01 0.00	39.01 2.92 0.00	38.94 2.98 0.00	37.72 2.95 0.00	36.95 2.89 0.00	35.85 2.81 0.00	34.93 2.83 0.01	37.65 3.11 -0.01	41.38 3.42 -0.01	42.68 3.38 -0.01	45.36 3.52 0.01	48.13 3.73 0.00	41.97 3.04 0.00	35.48 2.41 0.00	31.76 2.19 0.00
NARROWS_GT2_6 24241	25.88 1.94 0.00	21.97 1.66 -0.01	19.37 1.42 -0.01	18.69 1.37 -0.01	17.97 1.35 -0.01	25.60 1.76 0.00	32.09 1.76 0.00	36.67 2.37 0.00	39.93 2.75 0.00	38.90 3.01 0.00	39.01 2.92 0.00	38.94 2.98 0.00	37.72 2.95 0.00	36.95 2.89 0.00	35.85 2.81 0.00	34.93 2.83 0.01	37.65 3.11 -0.01	41.38 3.42 -0.01	42.68 3.38 -0.01	45.36 3.52 0.01	48.13 3.73 0.00	41.97 3.04 0.00	35.48 2.41 0.00	31.76 2.19 0.00
NARROWS_GT2_7 24242	25.88 1.94 0.00	21.97 1.66 -0.01	19.37 1.42 -0.01	18.69 1.37 -0.01	17.97 1.35 -0.01	25.60 1.76 0.00	32.09 1.76 0.00	36.67 2.37 0.00	39.93 2.75 0.00	38.90 3.01 0.00	39.01 2.92 0.00	38.94 2.98 0.00	37.72 2.95 0.00	36.95 2.89 0.00	35.85 2.81 0.00	34.93 2.83 0.01	37.65 3.11 -0.01	41.38 3.42 -0.01	42.68 3.38 -0.01	45.36 3.52 0.01	48.13 3.73 0.00	41.97 3.04 0.00	35.48 2.41 0.00	31.76 2.19 0.00
NARROWS_GT2_8 24243	25.88 1.94 0.00	21.97 1.66 -0.01	19.37 1.42 -0.01	18.69 1.37 -0.01	17.97 1.35 -0.01	25.60 1.76 0.00	32.09 1.76 0.00	36.67 2.37 0.00	39.93 2.75 0.00	38.90 3.01 0.00	39.01 2.92 0.00	38.94 2.98 0.00	37.72 2.95 0.00	36.95 2.89 0.00	35.85 2.81 0.00	34.93 2.83 0.01	37.65 3.11 -0.01	41.38 3.42 -0.01	42.68 3.38 -0.01	45.36 3.52 0.01	48.13 3.73 0.00	41.97 3.04 0.00	35.48 2.41 0.00	31.76 2.19 0.00
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	25.16 1.22 0.00	21.35 1.06 0.00	18.87 0.93 0.00	18.20 0.88 0.00	17.44 0.83 0.00	25.01 1.17 0.00	31.30 0.97 0.00	35.26 0.96 0.00	38.26 1.08 0.00	36.92 1.04 0.00	36.99 0.90 0.00	36.85 0.90 0.00	35.49 0.73 0.00	34.80 0.75 0.00	33.77 0.73 0.00	32.87 0.77 0.01	35.36 0.83 0.00	39.01 1.06 0.00	40.39 1.10 0.00	43.14 1.30 0.01	45.82 1.42 0.00	40.33 1.40 0.00	34.32 1.26 0.00	30.90 1.33 0.00
NCHELSEA_115KV_TR2 355582	25.49 1.56 0.00	21.64 1.34 0.00	19.09 1.15 0.00	18.42 1.11 0.00	17.69 1.08 0.00	25.34 1.50 0.00	31.76 1.43 0.00	36.12 1.82 0.00	39.34 2.16 0.00	38.29 2.40 0.00	38.40 2.31 0.00	38.33 2.37 0.00	37.06 2.29 0.00	36.30 2.25 0.00	35.22 2.18 0.00	34.25 2.15 0.01	36.88 2.35 0.00	40.49 2.54 0.00	41.76 2.48 0.00	44.52 2.68 0.01	47.28 2.89 0.00	41.42 2.49 0.00	34.98 1.92 0.00	31.38 1.80 0.00
NEG CAPITAL____MECHNVIL 23645	25.25 1.32 0.00	21.39 1.10 0.00	18.91 0.97 0.00	18.23 0.92 0.00	17.49 0.88 0.00	25.08 1.24 0.00	31.61 1.27 0.00	35.78 1.47 0.00	38.89 1.71 0.00	37.50 1.62 0.00	37.75 1.66 0.00	37.65 1.69 0.00	36.26 1.49 0.00	35.59 1.53 0.00	34.49 1.45 0.00	33.58 1.48 0.01	36.05 1.52 0.00	39.70 1.75 0.00	41.06 1.77 0.00	43.85 2.01 0.01	46.48 2.09 0.00	40.84 1.91 0.00	34.75 1.69 0.00	31.23 1.66 0.00
NEG CENTRAL_HIGH_ACRES 23767	22.91 -1.03 0.00	19.47 -0.83 0.00	17.17 -0.77 0.00	16.54 -0.78 0.00	15.87 -0.75 0.00	22.60 -1.24 0.00	28.66 -1.67 0.00	32.45 -1.85 0.00	35.02 -2.16 0.00	33.34 -2.55 0.00	33.74 -2.35 0.00	33.37 -2.59 0.00	32.40 -2.37 0.00	31.74 -2.32 0.00	30.89 -2.15 0.00	29.98 -2.12 0.01	32.25 -2.28 0.00	35.45 -2.51 0.00	36.93 -2.36 0.00	39.62 -2.22 0.01	42.04 -2.35 0.00	36.79 -2.14 0.00	31.25 -1.82 0.00	28.36 -1.21 0.00



NEG CENTRAL___DRP 24199	23.67 -0.26 0.00	20.12 -0.18 0.00	17.69 -0.25 0.00	17.09 -0.23 0.00	16.41 -0.20 0.00	23.48 -0.36 0.00	29.85 -0.49 0.00	33.75 -0.55 0.00	36.44 -0.74 0.00	34.81 -1.08 0.00	35.00 -1.08 0.00	34.77 -1.19 0.00	33.55 -1.22 0.00	32.86 -1.19 0.00	31.95 -1.09 0.00	31.01 -1.09 0.01	33.39 -1.14 0.00	36.74 -1.21 0.00	38.35 -0.94 0.00	41.14 -0.71 0.01	43.73 -0.67 0.00	38.27 -0.66 0.00	32.40 -0.66 0.00	29.33 -0.24 0.00
NEG CENTRAL___INDECK 23768	23.58 -0.36 0.00	20.06 -0.24 0.00	17.65 -0.29 0.00	17.04 -0.28 0.00	16.35 -0.27 0.00	23.34 -0.50 0.00	29.69 -0.64 0.00	33.69 -0.62 0.00	35.88 -1.30 0.00	33.77 -2.12 0.00	34.03 -2.06 0.00	33.47 -2.48 0.00	32.47 -2.30 0.00	31.84 -2.21 0.00	31.06 -1.98 0.00	30.17 -1.93 0.01	32.60 -1.93 0.00	35.98 -1.98 0.00	37.91 -1.38 0.00	41.13 -0.71 0.01	43.82 -0.58 0.00	38.31 -0.62 0.00	32.44 -0.63 0.00	29.42 -0.15 0.00
NEG CENTRAL___SENECA 23627	23.67 -0.26 0.00	20.14 -0.16 0.00	17.69 -0.25 0.00	17.09 -0.23 0.00	16.41 -0.20 0.00	23.48 -0.36 0.00	29.85 -0.49 0.00	33.82 -0.48 0.00	36.47 -0.71 0.00	34.70 -1.18 0.00	34.90 -1.19 0.00	34.59 -1.37 0.00	33.44 -1.32 0.00	32.76 -1.29 0.00	31.85 -1.19 0.00	30.91 -1.19 0.01	33.32 -1.21 0.00	36.66 -1.29 0.00	38.35 -0.94 0.00	41.22 -0.63 0.01	43.82 -0.58 0.00	38.35 -0.58 0.00	32.44 -0.63 0.00	29.36 -0.21 0.00
NEG CENTRAL___STATE_STREET 24147	23.77 -0.17 0.00	20.20 -0.10 0.00	17.80 -0.14 0.00	17.18 -0.14 0.00	16.50 -0.12 0.00	23.62 -0.21 0.00	29.97 -0.36 0.00	33.82 -0.48 0.00	36.73 -0.45 0.00	35.13 -0.75 0.00	35.37 -0.72 0.00	35.16 -0.79 0.00	33.83 -0.94 0.00	33.13 -0.92 0.00	32.21 -0.83 0.00	31.27 -0.83 0.01	33.64 -0.90 0.00	37.04 -0.91 0.00	38.58 -0.71 0.00	41.30 -0.54 0.00	43.86 -0.53 0.00	38.43 -0.51 0.00	32.54 -0.53 0.00	29.42 -0.15 0.00
NEG MILLWOOD___DRP 24198	25.59 1.65 0.00	21.72 1.42 0.00	19.16 1.22 0.00	18.49 1.18 0.00	17.76 1.15 0.00	25.43 1.60 0.00	31.85 1.52 0.00	36.33 2.02 0.00	39.56 2.38 0.00	38.47 2.58 0.00	38.69 2.60 0.00	38.62 2.66 0.00	37.37 2.61 0.00	36.57 2.52 0.00	35.52 2.48 0.00	34.51 2.41 0.01	37.19 2.66 0.00	40.80 2.85 0.00	42.08 2.79 0.00	44.81 2.97 0.01	47.59 3.20 0.00	41.66 2.73 0.00	35.18 2.12 0.00	31.52 1.95 0.00
NEG NORTH_FLCN_SEA 23793	23.72 -0.22 0.00	20.14 -0.16 0.00	17.85 -0.09 0.00	17.26 -0.05 0.00	16.48 -0.13 0.00	23.89 0.05 0.00	31.00 0.67 0.00	35.13 0.82 0.00	38.04 0.86 0.00	36.71 0.83 0.00	36.92 0.83 0.00	36.78 0.83 0.00	35.53 0.76 0.00	34.77 0.72 0.00	33.67 0.63 0.00	32.72 0.61 0.00	35.29 0.76 0.00	38.79 0.83 0.00	40.15 0.86 0.00	42.48 0.63 0.00	45.02 0.62 0.00	39.32 0.39 0.00	33.30 0.23 0.00	29.33 -0.24 0.00
NEG NORTH_KES_CHATEGAY 23792	23.43 -0.50 0.00	19.89 -0.41 0.00	17.64 -0.30 0.00	17.06 -0.26 0.00	16.30 -0.32 0.00	23.62 -0.21 0.00	30.67 0.33 0.00	34.72 0.41 0.00	37.59 0.41 0.00	36.28 0.39 0.00	36.48 0.40 0.00	36.39 0.43 0.00	35.15 0.38 0.00	34.36 0.31 0.00	33.27 0.23 0.00	32.36 0.26 0.00	34.91 0.38 0.00	38.37 0.42 0.00	39.76 0.47 0.00	42.06 0.21 0.00	44.53 0.13 0.00	38.89 -0.04 0.00	32.93 -0.13 0.00	29.01 -0.56 0.00
NEG NORTH___ALICE_FALLS 23915	23.75 -0.19 0.00	20.16 -0.14 0.00	17.87 -0.07 0.00	17.30 -0.02 0.00	16.50 -0.12 0.00	23.93 0.10 0.00	31.09 0.76 0.00	35.23 0.93 0.00	38.11 0.93 0.00	36.78 0.90 0.00	36.95 0.87 0.00	36.85 0.90 0.00	35.60 0.83 0.00	34.84 0.78 0.00	33.70 0.66 0.00	32.78 0.67 0.00	35.36 0.83 0.00	38.86 0.91 0.00	40.27 0.98 0.00	42.64 0.80 0.00	45.20 0.80 0.00	39.44 0.51 0.00	33.36 0.30 0.00	29.39 -0.18 0.00
NEG NORTH___LWR_SARANAC 23913	23.75 -0.19 0.00	20.16 -0.14 0.00	17.87 -0.07 0.00	17.30 -0.02 0.00	16.50 -0.12 0.00	23.93 0.10 0.00	31.09 0.76 0.00	35.23 0.93 0.00	38.11 0.93 0.00	36.78 0.90 0.00	36.95 0.87 0.00	36.85 0.90 0.00	35.60 0.83 0.00	34.84 0.78 0.00	33.70 0.66 0.00	32.78 0.67 0.00	35.36 0.83 0.00	38.86 0.91 0.00	40.27 0.98 0.00	42.64 0.80 0.00	45.20 0.80 0.00	39.44 0.51 0.00	33.36 0.30 0.00	29.39 -0.18 0.00
NEG NORTH___PLATTSBURG 23628	23.75 -0.19 0.00	20.16 -0.14 0.00	17.87 -0.07 0.00	17.30 -0.02 0.00	16.50 -0.12 0.00	23.93 0.10 0.00	31.09 0.76 0.00	35.23 0.93 0.00	38.11 0.93 0.00	36.78 0.90 0.00	36.88 0.79 0.00	36.85 0.90 0.00	35.53 0.76 0.00	34.84 0.78 0.00	33.70 0.66 0.00	32.75 0.64 0.00	35.36 0.83 0.00	38.86 0.91 0.00	40.27 0.98 0.00	42.60 0.75 0.00	45.20 0.80 0.00	39.44 0.50 0.00	33.36 0.30 0.00	29.40 -0.18 0.00
NEG WEST_LEA_LOCKPORT 23791	22.45 -1.48 0.00	19.18 -1.12 0.00	16.74 -1.20 0.00	16.23 -1.09 0.00	15.58 -1.03 0.00	22.03 -1.81 0.00	27.78 -2.55 0.00	31.52 -2.78 0.00	33.57 -3.61 0.00	31.61 -4.27 0.00	31.76 -4.33 0.00	31.42 -4.53 0.00	30.56 -4.21 0.00	30.00 -4.05 0.00	29.37 -3.67 0.00	28.47 -3.63 0.01	30.70 -3.83 0.00	33.59 -4.36 0.00	35.28 -4.01 0.00	38.07 -3.77 0.01	40.53 -3.86 0.00	35.47 -3.46 0.00	30.35 -2.71 0.00	27.80 -1.77 0.00
NEG WEST___LANCASTR 23811	22.88 -1.05 0.00	19.53 -0.77 0.00	17.06 -0.88 0.00	16.52 -0.80 0.00	15.87 -0.75 0.00	22.53 -1.31 0.00	28.51 -1.82 0.00	32.55 -1.75 0.00	34.69 -2.49 0.00	32.76 -3.12 0.00	32.91 -3.18 0.00	32.54 -3.42 0.00	31.60 -3.16 0.00	31.06 -3.00 0.00	30.26 -2.78 0.00	29.34 -2.76 0.01	31.67 -2.87 0.00	34.61 -3.34 0.00	36.34 -2.95 0.00	39.20 -2.64 0.01	41.87 -2.53 0.00	36.64 -2.30 0.00	31.11 -1.95 0.00	28.33 -1.24 0.00
NEG_PENN_ALLEGHNY 23528	24.03 0.10 0.00	20.42 0.12 0.00	18.01 0.07 0.00	17.35 0.03 0.00	16.68 0.07 0.00	23.84 0.00 0.00	30.18 -0.15 0.00	34.20 -0.10 0.00	36.88 -0.30 0.00	35.38 -0.50 0.00	35.62 -0.47 0.00	35.34 -0.61 0.00	34.17 -0.59 0.00	33.51 -0.55 0.00	32.55 -0.49 0.00	31.59 -0.51 0.01	34.05 -0.48 0.00	37.42 -0.53 0.00	38.90 -0.39 0.00	41.63 -0.21 0.01	44.26 -0.13 0.00	38.82 -0.12 0.00	32.87 -0.20 0.00	29.72 0.15 0.00
NEG___GEN_MONROE 24207	23.22 -0.72 0.00	19.77 -0.53 0.00	17.33 -0.61 0.00	16.78 -0.54 0.00	16.10 -0.52 0.00	22.91 -0.93 0.00	28.97 -1.36 0.00	32.79 -1.51 0.00	35.28 -1.90 0.00	33.41 -2.48 0.00	33.60 -2.49 0.00	33.29 -2.66 0.00	32.33 -2.43 0.00	31.67 -2.38 0.00	30.93 -2.11 0.00	30.01 -2.09 0.01	32.32 -2.21 0.00	35.48 -2.47 0.00	37.09 -2.20 0.00	39.96 -1.88 0.01	42.53 -1.86 0.00	37.14 -1.79 0.00	31.64 -1.42 0.00	28.80 -0.77 0.00
NEPA___ENERGY 23901	23.00 -0.93 0.00	19.61 -0.69 0.00	17.15 -0.79 0.00	16.62 -0.69 0.00	15.97 -0.65 0.00	22.67 -1.17 0.00	28.73 -1.61 0.00	32.69 -1.61 0.00	34.84 -2.34 0.00	32.90 -2.98 0.00	33.06 -3.03 0.00	32.68 -3.27 0.00	31.70 -3.06 0.00	31.16 -2.89 0.00	30.36 -2.68 0.00	29.43 -2.67 0.01	31.77 -2.76 0.00	34.69 -3.26 0.00	36.42 -2.87 0.00	39.25 -2.59 0.01	41.95 -2.44 0.00	36.75 -2.18 0.00	31.21 -1.85 0.00	28.51 -1.06 0.00

NEVERSINK___HYD 23608	25.57 1.63 0.00	21.70 1.40 0.00	19.11 1.17 0.00	18.49 1.18 0.00	17.76 1.15 0.00	25.43 1.60 0.00	31.94 1.61 0.00	36.53 2.23 0.00	39.71 2.53 0.00	38.65 2.76 0.00	38.72 2.63 0.00	38.62 2.66 0.00	37.27 2.50 0.00	36.47 2.42 0.00	35.39 2.35 0.00	34.45 2.34 0.01	37.23 2.70 0.00	40.49 2.54 0.00	41.84 2.55 0.00	44.69 2.85 0.01	47.50 3.11 0.00	41.58 2.65 0.00	35.08 2.02 0.00	31.47 1.89 0.00
NEWKRMKL_115KV_TB1 55635	24.80 0.86 0.00	21.07 0.77 0.00	18.62 0.68 0.00	17.97 0.66 0.00	17.23 0.61 0.00	24.62 0.79 0.00	30.82 0.49 0.00	34.82 0.51 0.00	37.81 0.63 0.00	36.53 0.65 0.00	36.70 0.61 0.00	36.60 0.65 0.00	35.36 0.59 0.00	34.70 0.65 0.00	33.67 0.63 0.00	32.74 0.64 0.01	35.16 0.62 0.00	38.67 0.72 0.00	39.88 0.59 0.00	42.43 0.59 0.01	45.02 0.62 0.00	39.59 0.66 0.00	33.76 0.69 0.00	30.40 0.83 0.00
NEWTON___FALLS_HYD 23847	23.12 -0.81 0.00	19.59 -0.71 0.00	17.30 -0.65 0.00	16.71 -0.61 0.00	16.02 -0.60 0.00	23.19 -0.64 0.00	29.85 -0.49 0.00	33.69 -0.62 0.00	36.47 -0.71 0.00	35.09 -0.79 0.00	35.33 -0.76 0.00	35.20 -0.76 0.00	33.93 -0.83 0.00	33.17 -0.89 0.00	32.18 -0.86 0.00	31.30 -0.80 0.00	33.74 -0.79 0.00	37.27 -0.68 0.00	38.82 -0.47 0.00	41.35 -0.50 0.01	43.86 -0.53 0.00	38.43 -0.51 0.00	32.37 -0.69 0.00	28.63 -0.95 0.00
NGRID_A1_DSASP 323792	22.36 -1.58 0.00	19.08 -1.22 0.00	16.79 -1.15 0.00	16.14 -1.18 0.00	15.50 -1.11 0.00	21.84 -2.00 0.00	27.48 -2.85 0.00	31.11 -3.19 0.00	33.13 -4.05 0.00	31.22 -4.66 0.00	31.68 -4.40 0.00	31.07 -4.89 0.00	30.25 -4.52 0.00	29.73 -4.33 0.00	29.04 -4.00 0.00	28.18 -3.92 0.01	30.39 -4.14 0.00	33.24 -4.71 0.00	34.85 -4.44 0.00	37.45 -4.39 0.01	39.82 -4.57 0.00	34.96 -3.97 0.00	29.99 -3.07 0.00	27.50 -2.07 0.00
NGRID_A2_DSASP 323793	22.36 -1.58 0.00	19.08 -1.22 0.00	16.79 -1.15 0.00	16.14 -1.18 0.00	15.50 -1.11 0.00	21.84 -2.00 0.00	27.48 -2.85 0.00	31.11 -3.19 0.00	33.13 -4.05 0.00	31.22 -4.66 0.00	31.68 -4.40 0.00	31.07 -4.89 0.00	30.25 -4.52 0.00	29.73 -4.33 0.00	29.04 -4.00 0.00	28.18 -3.92 0.01	30.39 -4.14 0.00	33.24 -4.71 0.00	34.85 -4.44 0.00	37.45 -4.39 0.01	39.82 -4.57 0.00	34.96 -3.97 0.00	29.99 -3.07 0.00	27.50 -2.07 0.00
NGRID_A4_DSASP 323807	22.36 -1.58 0.00	19.08 -1.22 0.00	16.79 -1.15 0.00	16.14 -1.18 0.00	15.50 -1.11 0.00	21.84 -2.00 0.00	27.48 -2.85 0.00	31.11 -3.19 0.00	33.13 -4.05 0.00	31.22 -4.66 0.00	31.68 -4.40 0.00	31.07 -4.89 0.00	30.25 -4.52 0.00	29.73 -4.33 0.00	29.04 -4.00 0.00	28.18 -3.92 0.01	30.39 -4.14 0.00	33.24 -4.71 0.00	34.85 -4.44 0.00	37.45 -4.39 0.01	39.82 -4.57 0.00	34.96 -3.97 0.00	29.99 -3.07 0.00	27.50 -2.07 0.00
NIAGARA_115E_LBMP 323715	22.19 -1.75 0.00	18.90 -1.40 0.00	16.63 -1.31 0.00	16.00 -1.32 0.00	15.35 -1.26 0.00	21.69 -2.15 0.00	27.33 -3.00 0.00	30.98 -3.33 0.00	32.98 -4.20 0.00	31.08 -4.81 0.00	31.50 -4.58 0.00	30.89 -5.07 0.00	30.11 -4.66 0.00	29.56 -4.50 0.00	28.88 -4.16 0.00	28.05 -4.05 0.01	30.22 -4.32 0.00	33.09 -4.86 0.00	34.69 -4.60 0.00	37.32 -4.52 0.01	39.69 -4.71 0.00	34.80 -4.13 0.00	29.86 -3.21 0.00	27.35 -2.22 0.00
NIAGARA_115W_LBMP 323714	22.29 -1.65 0.00	19.04 -1.26 0.00	16.76 -1.18 0.00	16.10 -1.21 0.00	15.47 -1.15 0.00	21.79 -2.05 0.00	27.39 -2.94 0.00	31.01 -3.29 0.00	33.02 -4.16 0.00	31.11 -4.77 0.00	31.57 -4.51 0.00	30.96 -5.00 0.00	30.14 -4.62 0.00	29.63 -4.43 0.00	28.94 -4.10 0.00	28.12 -3.98 0.01	30.28 -4.25 0.00	33.17 -4.78 0.00	34.73 -4.56 0.00	37.32 -4.52 0.01	39.69 -4.71 0.00	34.84 -4.09 0.00	29.92 -3.14 0.00	27.41 -2.16 0.00
NIAGARA_230_LBMP 323716	22.48 -1.46 0.00	19.16 -1.14 0.00	16.87 -1.08 0.00	16.21 -1.11 0.00	15.57 -1.05 0.00	21.98 -1.86 0.00	27.69 -2.64 0.00	31.35 -2.95 0.00	33.43 -3.75 0.00	31.50 -4.38 0.00	31.97 -4.11 0.00	31.35 -4.60 0.00	30.52 -4.24 0.00	30.00 -4.05 0.00	29.31 -3.73 0.00	28.47 -3.63 0.01	30.67 -3.87 0.00	33.59 -4.36 0.00	35.16 -4.12 0.00	37.78 -4.06 0.01	40.13 -4.26 0.00	35.27 -3.66 0.00	30.25 -2.81 0.00	27.68 -1.89 0.00
NIAGARA___115KV_198_GIBSON 55903	22.26 -1.68 0.00	19.04 -1.26 0.00	16.61 -1.33 0.00	16.10 -1.21 0.00	15.47 -1.15 0.00	21.79 -2.05 0.00	27.39 -2.94 0.00	31.01 -3.29 0.00	33.02 -4.16 0.00	31.11 -4.77 0.00	31.25 -4.84 0.00	30.96 -5.00 0.00	30.11 -4.66 0.00	29.59 -4.46 0.00	28.94 -4.10 0.00	28.09 -4.01 0.01	30.29 -4.25 0.00	33.13 -4.82 0.00	34.73 -4.56 0.00	37.41 -4.44 0.01	39.78 -4.62 0.00	34.84 -4.09 0.00	29.92 -3.14 0.00	27.41 -2.16 0.00
NIAGARA___ 23760	22.48 -1.46 0.00	19.16 -1.14 0.00	16.87 -1.08 0.00	16.21 -1.11 0.00	15.57 -1.05 0.00	21.98 -1.86 0.00	27.69 -2.64 0.00	31.35 -2.95 0.00	33.43 -3.75 0.00	31.50 -4.38 0.00	31.97 -4.11 0.00	31.35 -4.60 0.00	30.52 -4.24 0.00	30.00 -4.05 0.00	29.31 -3.73 0.00	28.47 -3.63 0.01	30.67 -3.87 0.00	33.59 -4.36 0.00	35.16 -4.12 0.00	37.78 -4.06 0.01	40.13 -4.26 0.00	35.27 -3.66 0.00	30.25 -2.81 0.00	27.68 -1.89 0.00
NINE_MILE_1 23575	23.32 -0.62 0.00	19.77 -0.53 0.00	17.47 -0.47 0.00	16.85 -0.47 0.00	16.18 -0.43 0.00	23.15 -0.69 0.00	29.36 -0.97 0.00	33.03 -1.27 0.00	35.73 -1.45 0.00	34.34 -1.54 0.00	34.61 -1.48 0.00	34.41 -1.55 0.00	33.27 -1.49 0.00	32.59 -1.46 0.00	31.65 -1.39 0.00	30.70 -1.38 0.03	33.01 -1.52 0.00	36.28 -1.67 0.00	37.68 -1.61 0.00	40.18 -1.63 0.04	42.66 -1.73 0.00	37.41 -1.52 0.00	31.81 -1.26 0.00	28.77 -0.80 0.00
NINE_MILE_2 23744	23.32 -0.62 0.00	19.77 -0.53 0.00	17.47 -0.47 0.00	16.85 -0.47 0.00	16.18 -0.43 0.00	23.15 -0.69 0.00	29.36 -0.97 0.00	33.03 -1.27 0.00	35.73 -1.45 0.00	34.34 -1.54 0.00	34.61 -1.48 0.00	34.41 -1.55 0.00	33.27 -1.49 0.00	32.59 -1.46 0.00	31.65 -1.39 0.00	30.70 -1.38 0.03	33.01 -1.52 0.00	36.32 -1.63 0.00	37.68 -1.61 0.00	40.18 -1.63 0.04	42.66 -1.73 0.00	37.41 -1.52 0.00	31.81 -1.26 0.00	28.77 -0.80 0.00
NM_CAPITAL___DRP 24208	24.85 0.91 0.00	21.11 0.81 0.00	18.66 0.72 0.00	18.01 0.69 0.00	17.26 0.65 0.00	24.67 0.83 0.00	30.88 0.55 0.00	34.89 0.58 0.00	37.89 0.71 0.00	36.60 0.72 0.00	36.81 0.72 0.00	36.67 0.72 0.00	35.42 0.66 0.00	34.77 0.72 0.00	33.73 0.69 0.00	32.81 0.71 0.01	35.22 0.69 0.00	38.75 0.80 0.00	39.96 0.67 0.00	42.55 0.71 0.01	45.11 0.71 0.00	39.67 0.74 0.00	33.86 0.79 0.00	30.49 0.92 0.00
NM_CENTRAL___DRP 24181	23.82 -0.12 0.00	20.22 -0.08 0.00	17.83 -0.11 0.00	17.19 -0.12 0.00	16.53 -0.08 0.00	23.65 -0.19 0.00	29.97 -0.36 0.00	33.75 -0.55 0.00	36.47 -0.71 0.00	35.06 -0.83 0.00	35.29 -0.79 0.00	35.09 -0.86 0.00	33.90 -0.87 0.00	33.20 -0.85 0.00	32.25 -0.79 0.00	31.27 -0.83 0.01	33.64 -0.90 0.00	37.00 -0.95 0.00	38.42 -0.86 0.00	41.09 -0.75 0.01	43.64 -0.75 0.00	38.23 -0.70 0.00	32.47 -0.60 0.00	29.42 -0.15 0.00

NM_FRONTIER___DRP 24179	22.26 -1.68 0.00	19.04 -1.26 0.00	16.61 -1.33 0.00	16.10 -1.21 0.00	15.47 -1.15 0.00	21.79 -2.05 0.00	27.39 -2.94 0.00	31.01 -3.29 0.00	33.02 -4.16 0.00	31.11 -4.77 0.00	31.25 -4.84 0.00	30.96 -5.00 0.00	30.11 -4.66 0.00	29.59 -4.46 0.00	28.94 -4.10 0.00	28.09 -4.01 0.01	30.29 -4.25 0.00	33.13 -4.82 0.00	34.73 -4.56 0.00	37.41 -4.44 0.01	39.78 -4.62 0.00	34.84 -4.09 0.00	29.92 -3.14 0.00	27.41 -2.16 0.00
NM_ST_REGIS___HYD 24053	22.98 -0.96 0.00	19.49 -0.81 0.00	17.24 -0.70 0.00	16.68 -0.64 0.00	15.92 -0.70 0.00	23.12 -0.72 0.00	30.18 -0.15 0.00	34.17 -0.14 0.00	36.96 -0.22 0.00	35.67 -0.22 0.00	35.91 -0.18 0.00	35.78 -0.18 0.00	34.56 -0.21 0.00	33.78 -0.27 0.00	32.71 -0.33 0.00	31.85 -0.26 0.00	34.33 -0.21 0.00	37.76 -0.19 0.00	39.25 -0.04 0.00	41.60 -0.25 0.00	44.00 -0.40 0.00	38.62 -0.31 0.00	32.64 -0.43 0.00	28.57 -1.01 0.00
NORTHPORT___1 23551	26.05 2.11 -0.01	22.04 1.75 0.00	19.49 1.54 -0.01	18.81 1.49 0.00	18.04 1.43 0.00	25.94 2.10 0.00	32.21 1.88 0.00	36.89 2.57 -0.01	40.01 2.82 -0.01	38.87 2.98 -0.01	39.15 2.74 -0.32	39.78 2.88 -0.95	39.03 2.88 -1.38	39.03 2.86 -2.12	39.76 2.68 -4.04	40.35 2.66 -5.58	40.45 2.93 -2.98	41.78 3.00 -0.83	42.97 2.91 -0.78	45.68 3.14 -0.68	48.58 3.33 -0.85	43.32 2.84 -1.55	39.14 2.61 -3.46	33.63 2.37 -1.70
NORTHPORT___2 23552	26.05 2.11 -0.01	22.04 1.75 0.00	19.49 1.54 -0.01	18.81 1.49 0.00	18.04 1.43 0.00	25.94 2.10 0.00	32.21 1.88 0.00	36.89 2.57 -0.01	40.01 2.82 -0.01	38.87 2.98 -0.01	39.15 2.74 -0.32	39.78 2.88 -0.95	39.03 2.88 -1.38	39.03 2.86 -2.12	39.76 2.68 -4.04	40.35 2.66 -5.58	40.45 2.93 -2.98	41.78 3.00 -0.83	42.97 2.91 -0.78	45.68 3.14 -0.68	48.58 3.33 -0.85	43.32 2.84 -1.55	39.14 2.61 -3.46	33.63 2.37 -1.70
NORTHPORT___3 23553	25.96 2.01 -0.01	21.98 1.68 0.00	19.42 1.47 -0.01	18.74 1.42 0.00	17.98 1.36 0.00	25.84 2.00 0.00	32.18 1.85 0.00	36.82 2.50 -0.01	40.01 2.82 -0.01	38.84 2.94 -0.01	39.11 2.71 -0.32	39.74 2.84 -0.95	38.95 2.81 -1.37	38.95 2.79 -2.10	39.65 2.54 -4.07	40.25 2.54 -5.60	40.29 2.76 -2.99	41.54 2.77 -0.82	42.58 2.52 -0.77	45.21 2.68 -0.68	48.13 2.88 -0.85	42.92 2.45 -1.54	39.00 2.45 -3.49	33.59 2.31 -1.71
NORTHPORT___4 23650	25.96 2.01 -0.01	21.98 1.68 0.00	19.42 1.47 -0.01	18.74 1.42 0.00	17.98 1.36 0.00	25.84 2.00 0.00	32.18 1.85 0.00	36.82 2.50 -0.01	40.01 2.82 -0.01	38.84 2.94 -0.01	39.11 2.71 -0.32	39.74 2.84 -0.95	38.95 2.81 -1.37	38.95 2.79 -2.10	39.65 2.54 -4.07	40.25 2.54 -5.60	40.29 2.76 -2.99	41.54 2.77 -0.82	42.58 2.52 -0.77	45.21 2.68 -0.68	48.13 2.88 -0.85	42.92 2.45 -1.54	39.00 2.45 -3.49	33.59 2.31 -1.71
NORTHPORT___IC 23718	26.05 2.11 -0.01	22.04 1.75 0.00	19.60 1.65 -0.01	18.81 1.49 0.00	18.04 1.43 0.00	25.94 2.10 0.00	32.21 1.88 0.00	36.89 2.57 -0.01	40.02 2.83 -0.01	38.87 2.98 -0.01	39.15 2.74 -0.32	39.78 2.88 -0.95	39.03 2.89 -1.38	39.03 2.86 -2.12	39.76 2.68 -4.04	40.29 2.60 -5.58	40.42 2.90 -2.98	41.81 3.04 -0.83	42.97 2.91 -0.78	45.59 3.06 -0.68	48.54 3.29 -0.85	43.32 2.84 -1.55	39.14 2.61 -3.46	33.63 2.37 -1.70
NORTH___COUNTRY_ESR 323785	23.39 -0.55 0.00	19.83 -0.47 0.00	17.60 -0.34 0.00	17.02 -0.29 0.00	16.26 -0.35 0.00	23.55 -0.28 0.00	30.57 0.24 0.00	34.65 0.34 0.00	37.51 0.33 0.00	36.28 0.40 0.00	36.41 0.32 0.00	36.35 0.40 0.00	35.08 0.31 0.00	34.36 0.31 0.00	33.24 0.20 0.00	32.30 0.19 0.00	34.84 0.31 0.00	38.29 0.34 0.00	39.64 0.35 0.00	41.89 0.04 0.00	44.35 -0.04 0.00	38.82 -0.12 0.00	32.87 -0.20 0.00	28.92 -0.65 0.00
NPX_GEN_1385_PROXY 323591	26.83 2.18 -0.71	24.43 1.83 -2.30	23.45 1.60 -3.91	22.73 1.56 -3.86	24.02 1.48 -5.93	28.64 2.17 -2.63	32.60 2.00 -0.27	37.53 2.61 -0.62	39.94 2.75 -0.01	38.87 2.98 -0.01	39.08 2.67 -0.32	39.71 2.81 -0.95	38.96 2.81 -1.38	38.96 2.79 -2.12	39.69 2.61 -4.04	40.29 2.60 -5.58	40.38 2.86 -2.98	41.78 3.00 -0.83	43.09 3.03 -0.78	45.80 3.27 -0.68	48.67 3.42 -0.85	43.40 2.92 -1.55	39.25 2.55 -3.64	33.40 2.31 -1.52
NPX_GEN_CSC 323557	26.22 2.28 -0.01	22.17 1.87 0.00	19.73 1.78 -0.01	19.03 1.71 0.00	18.24 1.63 0.00	25.60 2.38 0.62	32.29 1.94 -0.02	37.63 2.71 -0.62	40.20 3.01 -0.01	39.05 3.16 -0.01	39.39 2.92 -0.38	40.18 3.09 -1.13	39.46 3.06 -1.64	39.57 3.03 -2.49	40.23 2.91 -4.28	40.91 2.89 -5.91	40.99 3.21 -3.25	42.46 3.53 -0.98	43.75 3.54 -0.92	46.43 3.77 -0.81	49.36 3.95 -1.01	44.16 3.39 -1.84	39.68 2.88 -3.74	33.72 2.60 -1.54
NSINS_S_GLNS_FALLS 23858	25.28 1.34 0.00	21.39 1.10 0.00	18.89 0.95 0.00	18.23 0.92 0.00	17.51 0.90 0.00	25.10 1.26 0.00	31.70 1.36 0.00	35.92 1.61 0.00	39.08 1.90 0.00	37.61 1.72 0.00	37.89 1.80 0.00	37.79 1.83 0.00	36.36 1.60 0.00	35.69 1.63 0.00	34.56 1.52 0.00	33.64 1.54 0.01	36.12 1.59 0.00	39.81 1.86 0.00	41.21 1.93 0.00	44.10 2.26 0.01	46.75 2.35 0.00	41.11 2.18 0.00	34.88 1.82 0.00	31.29 1.72 0.00
NUCOR_STEEL___DRP 24197	23.84 -0.10 0.00	20.26 -0.04 0.00	17.85 -0.09 0.00	17.21 -0.10 0.00	16.55 -0.07 0.00	23.67 -0.17 0.00	30.00 -0.33 0.00	33.86 -0.45 0.00	36.77 -0.41 0.00	35.24 -0.65 0.00	35.47 -0.61 0.00	35.27 -0.68 0.00	33.90 -0.87 0.00	33.20 -0.85 0.00	32.28 -0.76 0.00	31.30 -0.80 0.01	33.70 -0.83 0.00	37.08 -0.87 0.00	38.62 -0.67 0.00	41.35 -0.50 0.00	43.91 -0.49 0.00	38.46 -0.47 0.00	32.60 -0.46 0.00	29.51 -0.06 0.00
NUMBER_THREE_WT_PWR 323818	23.87 -0.07 0.00	20.18 -0.12 0.00	17.80 -0.14 0.00	17.16 -0.16 0.00	16.52 -0.10 0.00	23.84 0.00 0.00	30.27 -0.06 0.00	34.10 -0.20 0.00	36.92 -0.26 0.00	35.45 -0.43 0.00	35.76 -0.33 0.00	35.56 -0.39 0.00	34.28 -0.49 0.00	33.54 -0.51 0.00	32.55 -0.49 0.00	31.65 -0.45 0.01	34.12 -0.41 0.00	37.76 -0.19 0.00	39.37 0.08 0.00	42.10 0.25 0.01	44.71 0.31 0.00	39.09 0.16 0.00	32.84 -0.23 0.00	29.33 -0.24 0.00
NYISO_LBMP_REFERENCE 24008	23.94 0.00 0.00	20.30 0.00 0.00	17.94 0.00 0.00	17.32 0.00 0.00	16.61 0.00 0.00	23.84 0.00 0.00	30.33 0.00 0.00	34.30 0.00 0.00	37.18 0.00 0.00	35.88 0.00 0.00	36.09 0.00 0.00	35.96 0.00 0.00	34.76 0.00 0.00	34.05 0.00 0.00	33.04 0.00 0.00	32.11 0.00 0.00	34.53 0.00 0.00	37.95 0.00 0.00	39.29 0.00 0.00	41.85 0.00 0.00	44.40 0.00 0.00	38.93 0.00 0.00	33.07 0.00 0.00	29.57 0.00 0.00
NYPA_BRENTWD____GT 24164	26.29 2.35 -0.01	22.25 1.95 0.00	19.66 1.71 -0.01	18.98 1.66 0.00	18.21 1.60 0.00	26.17 2.34 0.00	32.52 2.19 0.00	37.16 2.85 -0.01	40.31 3.12 -0.01	39.16 3.26 -0.01	39.50 2.96 -0.45	40.54 3.24 -1.35	39.92 3.20 -1.96	40.14 3.13 -2.95	40.71 3.10 -4.57	41.52 3.08 -6.32	41.53 3.42 -3.58	42.76 3.64 -1.17	44.00 3.61 -1.10	46.67 3.85 -0.97	49.69 4.08 -1.21	44.64 3.51 -2.20	39.79 3.04 -3.69	34.04 2.72 -1.75

NYPA_GOWANUS____GT5 24156	25.88 1.94 0.00	21.97 1.66 -0.01	19.37 1.42 -0.01	18.69 1.37 -0.01	17.97 1.35 -0.01	25.60 1.76 0.00	32.09 1.76 0.00	36.67 2.37 0.00	39.93 2.75 0.00	38.90 3.01 0.00	39.01 2.92 0.00	38.94 2.98 0.00	37.72 2.95 0.00	36.95 2.89 0.00	35.85 2.81 0.00	34.93 2.83 0.01	37.65 3.11 -0.01	41.38 3.42 -0.01	42.68 3.38 -0.01	45.36 3.52 0.01	48.13 3.73 0.00	41.97 3.04 0.00	35.48 2.41 0.00	31.76 2.19 0.00
NYPA_GOWANUS____GT6 24157	25.88 1.94 0.00	21.97 1.66 -0.01	19.37 1.42 -0.01	18.69 1.37 -0.01	17.97 1.35 -0.01	25.60 1.76 0.00	32.09 1.76 0.00	36.67 2.37 0.00	39.93 2.75 0.00	38.90 3.01 0.00	39.01 2.92 0.00	38.94 2.98 0.00	37.72 2.95 0.00	36.95 2.89 0.00	35.85 2.81 0.00	34.93 2.83 0.01	37.65 3.11 -0.01	41.38 3.42 -0.01	42.68 3.38 -0.01	45.36 3.52 0.01	48.13 3.73 0.00	41.97 3.04 0.00	35.48 2.41 0.00	31.76 2.19 0.00
NYPA_HARLEM__RVR__GT1 24160	25.62 1.70 0.02	21.87 1.56 -0.01	19.28 1.33 -0.01	18.61 1.28 -0.01	17.87 1.25 -0.01	25.41 1.57 0.00	31.81 1.49 0.01	36.35 2.06 0.01	39.59 2.42 0.01	38.57 2.69 0.01	38.68 2.60 0.01	38.65 2.70 0.01	37.43 2.68 0.01	36.67 2.62 0.01	35.61 2.58 0.01	34.66 2.57 0.01	37.32 2.80 0.01	41.02 3.07 0.01	42.23 2.95 0.01	44.89 3.05 0.02	47.63 3.24 0.01	41.49 2.57 0.01	35.12 2.05 0.00	31.47 1.89 0.00
NYPA_HARLEM__RVR__GT2 24161	25.62 1.70 0.02	21.87 1.56 -0.01	19.28 1.33 -0.01	18.61 1.28 -0.01	17.87 1.25 -0.01	25.41 1.57 0.00	31.81 1.49 0.01	36.35 2.06 0.01	39.59 2.42 0.01	38.57 2.69 0.01	38.68 2.60 0.01	38.65 2.70 0.01	37.43 2.68 0.01	36.67 2.62 0.01	35.61 2.58 0.01	34.66 2.57 0.01	37.32 2.80 0.01	41.02 3.07 0.01	42.23 2.95 0.01	44.89 3.05 0.02	47.63 3.24 0.01	41.49 2.57 0.01	35.12 2.05 0.00	31.47 1.89 0.00
NYPA_KENT____GT 24152	25.83 1.89 0.00	21.95 1.64 -0.01	19.35 1.40 -0.01	18.68 1.35 -0.01	17.95 1.33 -0.01	25.58 1.74 0.00	32.06 1.73 0.00	36.64 2.33 0.00	39.89 2.71 0.00	38.83 2.94 0.00	38.97 2.89 0.00	38.90 2.95 0.00	37.68 2.92 0.00	36.91 2.86 0.00	35.82 2.78 0.00	34.90 2.79 0.01	37.58 3.04 -0.01	41.30 3.34 -0.01	42.56 3.26 -0.01	45.28 3.43 0.01	48.04 3.64 0.00	41.85 2.92 0.00	35.41 2.35 0.00	31.70 2.13 0.00
NYPA_POUCH1____GT 24155	25.88 1.94 0.00	21.97 1.66 -0.01	19.37 1.42 -0.01	18.69 1.37 -0.01	17.95 1.33 -0.01	25.58 1.74 0.00	32.09 1.76 0.00	36.64 2.33 0.00	39.86 2.68 0.00	38.83 2.94 0.00	38.94 2.85 0.00	38.90 2.95 0.00	37.68 2.92 0.00	36.88 2.82 0.00	35.82 2.78 0.00	34.90 2.79 0.01	37.61 3.07 -0.01	41.34 3.38 -0.01	42.63 3.34 -0.01	45.36 3.52 0.01	48.13 3.73 0.00	41.93 3.00 0.00	35.48 2.41 0.00	31.76 2.19 0.00
NYPA_VERNON____GT2 24162	25.78 1.84 0.00	21.91 1.60 -0.01	19.33 1.38 -0.01	18.66 1.33 -0.01	17.92 1.30 -0.01	25.53 1.69 0.00	32.03 1.70 0.00	36.57 2.26 0.00	39.82 2.64 0.00	38.79 2.91 0.00	38.90 2.82 0.00	38.87 2.91 0.00	37.65 2.88 0.00	36.85 2.79 0.00	35.78 2.74 0.00	34.83 2.73 0.01	37.51 2.97 -0.01	41.22 3.26 -0.01	42.48 3.18 -0.01	45.15 3.31 0.01	47.90 3.51 0.00	41.77 2.84 0.00	35.32 2.25 0.00	31.64 2.07 0.00
NYPA_VERNON____GT3 24163	25.78 1.84 0.00	21.91 1.60 -0.01	19.33 1.38 -0.01	18.66 1.33 -0.01	17.92 1.30 -0.01	25.53 1.69 0.00	32.03 1.70 0.00	36.57 2.26 0.00	39.82 2.64 0.00	38.79 2.91 0.00	38.90 2.82 0.00	38.87 2.91 0.00	37.65 2.88 0.00	36.85 2.79 0.00	35.78 2.74 0.00	34.83 2.73 0.01	37.51 2.97 -0.01	41.22 3.26 -0.01	42.48 3.18 -0.01	45.15 3.31 0.01	47.90 3.51 0.00	41.77 2.84 0.00	35.32 2.25 0.00	31.64 2.07 0.00
NYPA____ASTORIA_CC1 323568	25.76 1.82 0.00	21.91 1.60 -0.01	19.33 1.38 -0.01	18.66 1.33 -0.01	17.92 1.30 -0.01	25.53 1.69 0.00	32.00 1.67 0.00	36.53 2.23 0.00	39.78 2.60 0.00	38.75 2.87 0.00	38.87 2.78 0.00	38.83 2.88 0.00	37.62 2.85 0.00	36.81 2.76 0.00	35.75 2.71 0.00	34.80 2.70 0.01	37.48 2.93 -0.01	41.18 3.22 -0.01	42.40 3.10 -0.01	45.11 3.27 0.01	47.86 3.47 0.00	41.74 2.80 0.00	35.28 2.22 0.00	31.61 2.04 0.00
NYPA____ASTORIA_CC2 323569	25.76 1.82 0.00	21.91 1.60 -0.01	19.33 1.38 -0.01	18.66 1.33 -0.01	17.92 1.30 -0.01	25.53 1.69 0.00	32.00 1.67 0.00	36.53 2.23 0.00	39.78 2.60 0.00	38.75 2.87 0.00	38.87 2.78 0.00	38.83 2.88 0.00	37.62 2.85 0.00	36.81 2.76 0.00	35.75 2.71 0.00	34.80 2.70 0.01	37.48 2.93 -0.01	41.18 3.22 -0.01	42.40 3.10 -0.01	45.11 3.27 0.01	47.86 3.47 0.00	41.74 2.80 0.00	35.28 2.22 0.00	31.61 2.04 0.00
NYPA____HOLTSVILL 23794	26.17 2.23 -0.01	22.15 1.85 0.00	19.60 1.65 -0.01	18.93 1.61 0.00	18.14 1.53 0.00	26.10 2.27 0.00	32.30 1.97 0.00	37.02 2.71 -0.01	40.20 3.01 -0.01	39.05 3.16 -0.01	39.38 2.92 -0.37	40.16 3.09 -1.11	39.44 3.06 -1.62	39.54 3.03 -2.46	40.21 2.91 -4.26	40.88 2.91 -5.88	40.93 3.18 -3.23	42.34 3.42 -0.97	43.58 3.38 -0.91	46.29 3.64 -0.80	49.22 3.82 -1.00	44.02 3.27 -1.81	39.46 2.84 -3.56	33.86 2.57 -1.72
NYPA____HELLGATE_GT1 24158	25.64 1.70 0.00	21.87 1.56 -0.01	19.28 1.33 -0.01	18.61 1.28 -0.01	17.87 1.25 -0.01	25.41 1.57 0.00	31.81 1.49 0.01	36.35 2.06 0.01	39.59 2.42 0.01	38.57 2.69 0.01	38.68 2.60 0.01	38.65 2.70 0.01	37.43 2.68 0.01	36.67 2.62 0.01	35.61 2.58 0.01	34.66 2.57 0.01	37.32 2.80 0.01	41.02 3.07 0.01	42.23 2.95 0.01	44.89 3.05 0.02	47.63 3.24 0.01	41.49 2.57 0.01	35.12 2.05 0.00	31.47 1.89 0.00
NYPA____HELLGATE_GT2 24159	25.64 1.70 0.00	21.87 1.56 -0.01	19.28 1.33 -0.01	18.61 1.28 -0.01	17.87 1.25 -0.01	25.41 1.57 0.00	31.81 1.49 0.01	36.35 2.06 0.01	39.59 2.42 0.01	38.57 2.69 0.01	38.68 2.60 0.01	38.65 2.70 0.01	37.43 2.68 0.01	36.67 2.62 0.01	35.61 2.58 0.01	34.66 2.57 0.01	37.32 2.80 0.01	41.02 3.07 0.01	42.23 2.95 0.01	44.89 3.05 0.02	47.63 3.24 0.01	41.49 2.57 0.01	35.12 2.05 0.00	31.47 1.89 0.00
NYS_BARGE____HYD 23848	22.48 -1.46 0.00	19.16 -1.14 0.00	16.85 -1.09 0.00	16.21 -1.11 0.00	15.57 -1.05 0.00	22.00 -1.84 0.00	27.78 -2.55 0.00	31.49 -2.81 0.00	33.57 -3.61 0.00	31.61 -4.27 0.00	32.05 -4.04 0.00	31.39 -4.57 0.00	30.63 -4.14 0.00	30.07 -3.98 0.00	29.34 -3.70 0.00	28.50 -3.60 0.01	30.70 -3.83 0.00	33.62 -4.33 0.00	35.28 -4.01 0.00	37.99 -3.85 0.01	40.40 -4.00 0.00	35.43 -3.50 0.00	30.32 -2.74 0.00	27.77 -1.80 0.00
OAK ORCHARD____HYD 24046	23.20 -0.74 0.00	19.71 -0.59 0.00	17.38 -0.56 0.00	16.74 -0.57 0.00	16.07 -0.55 0.00	22.84 -1.00 0.00	28.91 -1.43 0.00	32.76 -1.54 0.00	35.29 -1.89 0.00	33.51 -2.37 0.00	33.92 -2.16 0.00	33.47 -2.48 0.00	32.58 -2.19 0.00	31.91 -2.14 0.00	31.09 -1.95 0.00	30.20 -1.89 0.01	32.50 -2.04 0.00	35.68 -2.28 0.00	37.20 -2.08 0.00	39.92 -1.92 0.01	42.40 -2.00 0.00	37.10 -1.83 0.00	31.58 -1.49 0.00	28.71 -0.86 0.00

OAKDALE___35_KV_LOAD 356122	24.01 0.07 0.00	20.40 0.10 0.00	17.98 0.04 0.00	17.35 0.03 0.00	16.66 0.05 0.00	23.81 -0.02 0.00	30.12 -0.21 0.00	34.10 -0.21 0.00	36.81 -0.37 0.00	35.27 -0.61 0.00	35.51 -0.58 0.00	35.27 -0.68 0.00	34.10 -0.66 0.00	33.44 -0.61 0.00	32.48 -0.56 0.00	31.52 -0.58 0.01	34.02 -0.52 0.00	37.34 -0.61 0.00	38.82 -0.47 0.00	41.55 -0.29 0.01	44.22 -0.18 0.00	38.78 -0.16 0.00	32.83 -0.23 0.00	29.66 0.09 0.00
OCC_CHEM___DRP 24175	22.31 -1.63 0.00	19.10 -1.20 0.00	16.67 -1.27 0.00	16.14 -1.18 0.00	15.50 -1.11 0.00	21.84 -2.00 0.00	27.48 -2.85 0.00	31.11 -3.19 0.00	33.13 -4.05 0.00	31.22 -4.66 0.00	31.36 -4.73 0.00	31.07 -4.89 0.00	30.18 -4.59 0.00	29.66 -4.39 0.00	29.04 -4.00 0.00	28.18 -3.92 0.01	30.39 -4.14 0.00	33.21 -4.74 0.00	34.85 -4.44 0.00	37.53 -4.31 0.01	39.91 -4.48 0.00	34.96 -3.97 0.00	29.99 -3.08 0.00	27.50 -2.07 0.00
OH_GEN_PROXY 24063	22.55 -1.39 0.00	19.20 -1.10 0.00	16.90 -1.04 0.00	16.24 -1.07 0.00	15.60 -1.01 0.00	21.40 -1.81 0.62	27.77 -2.58 -0.02	32.10 -2.81 -0.61	33.54 -3.64 0.00	31.68 -4.20 0.00	32.12 -3.97 0.00	31.53 -4.42 0.00	30.70 -4.07 0.00	30.14 -3.91 0.00	29.44 -3.60 0.00	28.60 -3.50 0.01	30.80 -3.73 0.00	33.74 -4.21 0.00	35.32 -3.97 0.00	37.95 -3.89 0.01	40.36 -4.04 0.00	35.43 -3.50 0.00	30.53 -2.71 -0.18	27.59 -1.80 0.18
OLIN_CORP_DRP 24177	22.19 -1.75 0.00	18.96 -1.34 0.00	16.54 -1.40 0.00	16.03 -1.28 0.00	15.40 -1.21 0.00	21.74 -2.10 0.00	27.42 -2.91 0.00	31.04 -3.26 0.00	33.05 -4.13 0.00	31.15 -4.74 0.00	31.29 -4.80 0.00	30.99 -4.96 0.00	30.11 -4.66 0.00	29.59 -4.46 0.00	28.98 -4.06 0.00	28.09 -4.01 0.01	30.29 -4.25 0.00	33.13 -4.82 0.00	34.77 -4.52 0.00	37.49 -4.35 0.01	39.87 -4.53 0.00	34.92 -4.01 0.00	29.92 -3.14 0.00	27.41 -2.16 0.00
OLIN_CORP_DSASP 323712	22.36 -1.58 0.00	19.08 -1.22 0.00	16.79 -1.15 0.00	16.14 -1.18 0.00	15.50 -1.11 0.00	21.84 -2.00 0.00	27.48 -2.85 0.00	31.11 -3.19 0.00	33.13 -4.05 0.00	31.22 -4.66 0.00	31.68 -4.40 0.00	31.07 -4.89 0.00	30.25 -4.52 0.00	29.73 -4.33 0.00	29.04 -4.00 0.00	28.18 -3.92 0.01	30.39 -4.14 0.00	33.24 -4.71 0.00	34.85 -4.44 0.00	37.45 -4.39 0.01	39.82 -4.57 0.00	34.96 -3.97 0.00	29.99 -3.07 0.00	27.50 -2.07 0.00
ONEIDA_HERK_LFGE 323681	24.30 0.36 0.00	20.58 0.28 0.00	18.16 0.22 0.00	17.52 0.21 0.00	16.85 0.23 0.00	24.27 0.43 0.00	30.70 0.37 0.00	34.61 0.31 0.00	37.59 0.41 0.00	36.14 0.25 0.00	36.45 0.36 0.00	36.24 0.29 0.00	34.97 0.21 0.00	34.19 0.14 0.00	33.17 0.13 0.00	32.26 0.16 0.01	34.74 0.21 0.00	38.37 0.42 0.00	39.88 0.59 0.00	42.60 0.75 0.01	45.28 0.89 0.00	39.59 0.66 0.00	33.43 0.36 0.00	30.02 0.44 0.00
ONEIDA___115KV_TB4 55905	24.58 0.65 0.00	20.83 0.53 0.00	18.37 0.43 0.00	17.71 0.40 0.00	17.05 0.43 0.00	24.50 0.67 0.00	30.97 0.64 0.00	34.96 0.65 0.00	37.92 0.74 0.00	36.42 0.54 0.00	36.74 0.65 0.00	36.49 0.54 0.00	35.18 0.42 0.00	34.43 0.37 0.00	33.40 0.36 0.00	32.46 0.35 0.01	34.98 0.45 0.00	38.60 0.65 0.00	40.11 0.83 0.00	42.89 1.05 0.01	45.60 1.20 0.00	39.91 0.97 0.00	33.76 0.69 0.00	30.40 0.83 0.00
ONONDAGA_REF_OCCRA 23987	23.89 -0.05 0.00	20.28 -0.02 0.00	17.87 -0.07 0.00	17.25 -0.07 0.00	16.56 -0.05 0.00	23.72 -0.12 0.00	30.06 -0.27 0.00	33.89 -0.41 0.00	36.62 -0.56 0.00	35.17 -0.72 0.00	35.40 -0.69 0.00	35.20 -0.76 0.00	34.00 -0.76 0.00	33.30 -0.75 0.00	32.35 -0.69 0.00	31.36 -0.74 0.01	33.77 -0.76 0.00	37.15 -0.80 0.00	38.62 -0.67 0.00	41.30 -0.54 0.01	43.86 -0.53 0.00	38.43 -0.51 0.00	32.60 -0.46 0.00	29.51 -0.06 0.00
ONONDAGA___COGEN 23986	23.79 -0.14 0.00	20.22 -0.08 0.00	17.82 -0.13 0.00	17.19 -0.12 0.00	16.51 -0.10 0.00	23.65 -0.19 0.00	30.00 -0.33 0.00	33.79 -0.51 0.00	36.55 -0.63 0.00	35.09 -0.79 0.00	35.33 -0.76 0.00	35.16 -0.79 0.00	33.93 -0.83 0.00	33.24 -0.82 0.00	32.28 -0.76 0.00	31.34 -0.77 0.00	33.70 -0.83 0.00	37.08 -0.87 0.00	38.54 -0.75 0.00	41.18 -0.67 0.00	43.73 -0.67 0.00	38.31 -0.62 0.00	32.50 -0.56 0.00	29.42 -0.15 0.00
ONTARIO___LFGE 23819	23.67 -0.26 0.00	20.12 -0.18 0.00	17.73 -0.21 0.00	17.09 -0.23 0.00	16.42 -0.20 0.00	23.48 -0.36 0.00	29.85 -0.49 0.00	33.82 -0.48 0.00	36.47 -0.71 0.00	34.70 -1.18 0.00	34.97 -1.12 0.00	34.59 -1.37 0.00	33.44 -1.32 0.00	32.76 -1.29 0.00	31.85 -1.19 0.00	30.91 -1.19 0.01	33.32 -1.21 0.00	36.66 -1.29 0.00	38.34 -0.94 0.00	41.22 -0.63 0.01	43.55 -0.84 0.00	38.35 -0.58 0.00	32.44 -0.63 0.00	29.37 -0.21 0.00
ORANGEVILLE_WT_PWR 323706	22.69 -1.25 0.00	19.26 -1.03 0.00	16.94 -1.00 0.00	16.31 -1.00 0.00	15.68 -0.93 0.00	22.34 -1.50 0.00	28.42 -1.91 0.00	32.28 -2.02 0.00	34.28 -2.90 0.00	32.37 -3.52 0.00	32.66 -3.43 0.00	32.14 -3.81 0.00	31.18 -3.58 0.00	30.61 -3.44 0.00	29.84 -3.20 0.00	28.95 -3.15 0.01	31.18 -3.35 0.00	34.16 -3.79 0.00	35.91 -3.38 0.00	38.87 -2.97 0.01	41.47 -2.93 0.00	36.44 -2.49 0.00	31.02 -2.05 0.00	28.30 -1.27 0.00
ORANGEVILLE___ESR 323794	22.69 -1.25 0.00	19.26 -1.03 0.00	16.94 -1.00 0.00	16.31 -1.00 0.00	15.68 -0.93 0.00	22.34 -1.50 0.00	28.42 -1.91 0.00	32.28 -2.02 0.00	34.28 -2.90 0.00	32.37 -3.52 0.00	32.66 -3.43 0.00	32.14 -3.81 0.00	31.18 -3.58 0.00	30.61 -3.44 0.00	29.84 -3.20 0.00	28.95 -3.15 0.01	31.18 -3.35 0.00	34.16 -3.79 0.00	35.91 -3.38 0.00	38.87 -2.97 0.01	41.47 -2.93 0.00	36.44 -2.49 0.00	31.02 -2.05 0.00	28.30 -1.27 0.00
OSWEGATCHIE___HYD 24044	23.12 -0.81 0.00	19.59 -0.71 0.00	17.30 -0.65 0.00	16.71 -0.61 0.00	16.02 -0.60 0.00	23.19 -0.64 0.00	29.85 -0.49 0.00	33.69 -0.62 0.00	36.47 -0.71 0.00	35.09 -0.79 0.00	35.33 -0.76 0.00	35.20 -0.76 0.00	33.93 -0.83 0.00	33.17 -0.89 0.00	32.18 -0.86 0.00	31.30 -0.80 0.00	33.74 -0.79 0.00	37.27 -0.68 0.00	38.82 -0.47 0.00	41.35 -0.50 0.01	43.82 -0.58 0.00	38.42 -0.51 0.00	32.37 -0.70 0.00	28.62 -0.95 0.00
OSWEGO___5 23606	23.43 -0.50 0.00	19.89 -0.41 0.00	17.56 -0.38 0.00	16.95 -0.36 0.00	16.26 -0.35 0.00	23.29 -0.55 0.00	29.54 -0.79 0.00	33.24 -1.06 0.00	35.95 -1.23 0.00	34.59 -1.29 0.00	34.82 -1.26 0.00	34.63 -1.33 0.00	33.48 -1.29 0.00	32.79 -1.26 0.00	31.85 -1.19 0.00	30.93 -1.19 -0.01	33.22 -1.31 0.00	36.51 -1.44 0.00	37.91 -1.38 0.00	40.53 -1.34 -0.01	42.97 -1.42 0.00	37.68 -1.25 0.00	32.01 -1.06 0.00	28.95 -0.62 0.00
OSWEGO___6 23613	23.43 -0.50 0.00	19.89 -0.41 0.00	17.56 -0.38 0.00	16.95 -0.36 0.00	16.26 -0.35 0.00	23.29 -0.55 0.00	29.54 -0.79 0.00	33.24 -1.06 0.00	35.95 -1.23 0.00	34.59 -1.29 0.00	34.82 -1.26 0.00	34.63 -1.33 0.00	33.48 -1.29 0.00	32.79 -1.26 0.00	31.85 -1.19 0.00	30.93 -1.19 -0.01	33.22 -1.31 0.00	36.51 -1.44 0.00	37.91 -1.38 0.00	40.53 -1.34 -0.01	42.97 -1.42 0.00	37.68 -1.25 0.00	32.01 -1.06 0.00	28.95 -0.62 0.00

OUTOKUMPU-AB___DRP 24206	22.64 -1.29 0.00	19.34 -0.95 0.00	16.88 -1.06 0.00	16.36 -0.95 0.00	15.72 -0.90 0.00	22.22 -1.62 0.00	28.03 -2.31 0.00	31.83 -2.47 0.00	33.91 -3.27 0.00	31.94 -3.95 0.00	32.08 -4.01 0.00	31.75 -4.21 0.00	30.87 -3.89 0.00	30.31 -3.75 0.00	29.64 -3.40 0.00	28.73 -3.37 0.01	30.98 -3.56 0.00	33.89 -4.06 0.00	35.63 -3.65 0.00	38.41 -3.43 0.01	40.93 -3.46 0.00	35.78 -3.15 0.00	30.62 -2.45 0.00	28.00 -1.57 0.00
OXBOW___BTM 323836	22.55 -1.39 0.00	19.24 -1.06 0.00	16.92 -1.02 0.00	16.28 -1.04 0.00	15.62 -1.00 0.00	22.05 -1.79 0.00	27.78 -2.55 0.00	31.53 -2.78 0.00	33.57 -3.61 0.00	31.61 -4.27 0.00	32.08 -4.01 0.00	31.42 -4.53 0.00	30.63 -4.14 0.00	30.10 -3.95 0.00	29.37 -3.67 0.00	28.50 -3.60 0.01	30.73 -3.80 0.00	33.62 -4.33 0.00	35.28 -4.01 0.00	37.95 -3.89 0.01	40.40 -4.00 0.00	35.43 -3.50 0.00	30.35 -2.71 0.00	27.80 -1.77 0.00
OXBOW___ 24026	22.50 -1.44 0.00	19.24 -1.06 0.00	16.79 -1.15 0.00	16.28 -1.04 0.00	15.62 -1.00 0.00	22.05 -1.79 0.00	27.78 -2.55 0.00	31.52 -2.78 0.00	33.57 -3.61 0.00	31.61 -4.27 0.00	31.76 -4.33 0.00	31.42 -4.53 0.00	30.56 -4.21 0.00	30.03 -4.02 0.00	29.37 -3.67 0.00	28.50 -3.60 0.01	30.73 -3.80 0.00	33.59 -4.36 0.00	35.28 -4.01 0.00	38.03 -3.81 0.01	40.49 -3.91 0.00	35.43 -3.50 0.00	30.35 -2.71 0.00	27.80 -1.77 0.00
OXY_CHEM_DSASP 323612	22.31 -1.63 0.00	19.10 -1.20 0.00	16.67 -1.27 0.00	16.14 -1.18 0.00	15.50 -1.11 0.00	21.84 -2.00 0.00	27.48 -2.85 0.00	31.11 -3.19 0.00	33.13 -4.05 0.00	31.22 -4.66 0.00	31.36 -4.73 0.00	31.07 -4.89 0.00	30.18 -4.59 0.00	29.66 -4.39 0.00	29.04 -4.00 0.00	28.18 -3.92 0.01	30.39 -4.14 0.00	33.21 -4.74 0.00	34.85 -4.44 0.00	37.53 -4.31 0.01	39.91 -4.48 0.00	34.96 -3.97 0.00	29.99 -3.08 0.00	27.50 -2.07 0.00
OZONE_PARK_ESR 323760	25.83 1.89 0.00	21.94 1.64 0.00	19.38 1.44 0.00	18.67 1.35 0.00	17.93 1.31 0.00	25.65 1.81 0.00	32.21 1.88 0.00	36.77 2.47 0.00	40.01 2.83 0.00	38.93 3.05 0.00	39.08 3.00 0.00	38.98 3.02 0.00	37.75 2.99 0.00	36.98 2.93 0.00	35.88 2.84 0.00	34.90 2.79 0.01	37.61 3.07 0.00	41.33 3.38 0.00	42.59 3.30 0.00	45.27 3.43 0.01	48.04 3.64 0.00	42.01 3.08 0.00	35.55 2.48 0.00	31.82 2.25 0.00
PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	22.31 -1.63 0.00	19.10 -1.20 0.00	16.67 -1.27 0.00	16.14 -1.18 0.00	15.50 -1.11 0.00	21.84 -2.00 0.00	27.48 -2.85 0.00	31.11 -3.19 0.00	33.13 -4.05 0.00	31.22 -4.66 0.00	31.36 -4.73 0.00	31.07 -4.89 0.00	30.18 -4.59 0.00	29.66 -4.39 0.00	29.04 -4.00 0.00	28.18 -3.92 0.01	30.39 -4.14 0.00	33.21 -4.74 0.00	34.85 -4.44 0.00	37.53 -4.31 0.01	39.91 -4.48 0.00	34.96 -3.97 0.00	29.99 -3.08 0.00	27.50 -2.07 0.00
PACKARD__115KV_DUPONT_184 80571	22.31 -1.63 0.00	19.10 -1.20 0.00	16.67 -1.27 0.00	16.14 -1.18 0.00	15.50 -1.11 0.00	21.84 -2.00 0.00	27.48 -2.85 0.00	31.11 -3.19 0.00	33.13 -4.05 0.00	31.22 -4.66 0.00	31.36 -4.73 0.00	31.07 -4.89 0.00	30.18 -4.59 0.00	29.66 -4.39 0.00	29.04 -4.00 0.00	28.18 -3.92 0.01	30.39 -4.14 0.00	33.21 -4.74 0.00	34.85 -4.44 0.00	37.53 -4.31 0.01	39.91 -4.48 0.00	34.96 -3.97 0.00	29.99 -3.08 0.00	27.50 -2.07 0.00
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	25.73 1.80 0.00	21.90 1.60 0.00	19.32 1.38 0.00	18.63 1.32 0.00	17.89 1.28 0.00	25.46 1.62 0.00	31.88 1.55 0.00	36.40 2.09 0.00	39.63 2.45 0.00	38.61 2.73 0.00	38.76 2.67 0.00	38.69 2.73 0.00	37.48 2.71 0.00	36.71 2.66 0.00	35.62 2.58 0.00	34.67 2.57 0.01	37.31 2.80 0.02	41.01 3.07 0.02	42.26 2.99 0.02	44.90 3.06 0.01	47.59 3.20 0.00	41.58 2.65 0.00	35.15 2.08 0.00	31.52 1.95 0.00
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	25.97 2.03 0.00	22.11 1.81 0.00	19.52 1.58 0.00	18.81 1.49 0.00	18.06 1.45 0.00	25.70 1.86 0.00	32.15 1.82 0.00	36.74 2.44 0.00	39.97 2.79 0.00	38.90 3.01 0.00	39.05 2.96 0.00	38.98 3.02 0.00	37.72 2.95 0.00	36.95 2.89 0.00	35.85 2.81 0.00	34.90 2.79 0.01	37.63 3.11 0.02	41.31 3.38 0.02	42.57 3.30 0.02	45.27 3.43 0.01	47.99 3.60 0.00	41.89 2.96 0.00	35.45 2.38 0.00	31.79 2.22 0.00
PATROON__115KV_TB1 80586	24.85 0.91 0.00	21.11 0.81 0.00	18.66 0.72 0.00	17.99 0.68 0.00	17.25 0.63 0.00	24.67 0.83 0.00	30.88 0.55 0.00	34.89 0.58 0.00	37.92 0.74 0.00	36.64 0.75 0.00	36.81 0.72 0.00	36.71 0.76 0.00	35.46 0.70 0.00	34.80 0.75 0.00	33.77 0.73 0.00	32.84 0.74 0.01	35.26 0.73 0.00	38.79 0.83 0.00	40.00 0.71 0.00	42.55 0.71 0.01	45.11 0.71 0.00	39.71 0.78 0.00	33.86 0.79 0.00	30.46 0.89 0.00
PATTRSNVILLE___SOLAR 323815	25.06 1.13 0.00	21.25 0.95 0.00	18.78 0.84 0.00	18.11 0.80 0.00	17.40 0.78 0.00	24.91 1.07 0.00	31.42 1.09 0.00	35.54 1.23 0.00	38.74 1.56 0.00	37.32 1.44 0.00	37.53 1.44 0.00	37.36 1.40 0.00	36.01 1.25 0.00	35.31 1.26 0.00	34.23 1.19 0.00	33.32 1.22 0.01	35.81 1.28 0.00	39.43 1.48 0.00	40.86 1.57 0.00	43.56 1.72 0.01	46.22 1.82 0.00	40.64 1.71 0.00	34.49 1.42 0.00	30.99 1.42 0.00
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	22.86 -1.08 0.00	19.51 -0.79 0.00	17.03 -0.91 0.00	16.52 -0.80 0.00	15.85 -0.76 0.00	22.50 -1.33 0.00	28.48 -1.85 0.00	32.49 -1.82 0.00	34.62 -2.57 0.00	32.65 -3.23 0.00	32.77 -3.32 0.00	32.43 -3.52 0.00	31.50 -3.27 0.00	30.95 -3.10 0.00	30.20 -2.84 0.00	29.27 -2.83 0.01	31.56 -2.97 0.00	34.50 -3.45 0.00	36.26 -3.03 0.00	39.12 -2.72 0.01	41.78 -2.62 0.00	36.56 -2.37 0.00	31.08 -1.98 0.00	28.33 -1.24 0.00
PAWLING_115_KV_BK3_REV_LBMP_H 345028	25.59 1.65 0.00	21.72 1.42 0.00	19.16 1.22 0.00	18.49 1.18 0.00	17.76 1.15 0.00	25.43 1.60 0.00	31.85 1.52 0.00	36.33 2.02 0.00	39.56 2.38 0.00	38.47 2.58 0.00	38.69 2.60 0.00	38.62 2.66 0.00	37.37 2.61 0.00	36.57 2.52 0.00	35.52 2.48 0.00	34.51 2.41 0.01	37.19 2.66 0.00	40.80 2.85 0.00	42.08 2.79 0.00	44.81 2.97 0.01	47.59 3.20 0.00	41.66 2.73 0.00	35.18 2.12 0.00	31.52 1.95 0.00
PEEKSKILL___ 23653	25.40 1.46 0.00	21.58 1.28 0.00	19.02 1.08 0.00	18.37 1.06 0.00	17.64 1.03 0.00	25.24 1.41 0.00	31.67 1.33 0.00	36.09 1.78 0.00	39.26 2.08 0.00	38.18 2.30 0.00	38.32 2.24 0.00	38.26 2.30 0.00	37.02 2.26 0.00	36.30 2.25 0.00	35.19 2.15 0.00	34.25 2.15 0.01	36.88 2.35 0.00	40.49 2.54 0.00	41.72 2.44 0.00	44.44 2.60 0.01	47.20 2.80 0.00	41.27 2.34 0.00	34.92 1.85 0.00	31.29 1.71 0.00
PGE MADISON___WINDPWR 24146	25.64 1.70 0.00	21.72 1.42 0.00	19.14 1.20 0.00	18.44 1.12 0.00	17.81 1.20 0.00	25.67 1.84 0.00	32.42 2.09 0.00	36.64 2.33 0.00	39.82 2.64 0.00	38.04 2.15 0.00	38.47 2.38 0.00	38.08 2.12 0.00	36.67 1.91 0.00	35.75 1.70 0.00	34.69 1.65 0.00	33.77 1.67 0.01	36.40 1.86 0.00	40.34 2.39 0.00	42.35 3.07 0.00	45.53 3.68 0.01	48.48 4.08 0.00	42.32 3.39 0.00	35.58 2.51 0.00	32.00 2.43 0.00

PIERCEFIELD___HYD 23852	22.81 -1.13 0.00	19.32 -0.97 0.00	17.12 -0.83 0.00	16.54 -0.78 0.00	15.80 -0.81 0.00	22.96 -0.88 0.00	29.94 -0.39 0.00	33.86 -0.45 0.00	36.66 -0.52 0.00	35.38 -0.50 0.00	35.58 -0.51 0.00	35.49 -0.47 0.00	34.28 -0.49 0.00	33.51 -0.54 0.00	32.45 -0.59 0.00	31.59 -0.51 0.00	34.05 -0.48 0.00	37.50 -0.46 0.00	38.93 -0.35 0.00	41.35 -0.50 0.00	43.69 -0.71 0.00	38.39 -0.55 0.00	32.44 -0.63 0.00	28.39 -1.18 0.00
PINELAWN_CC_1 323563	26.13 2.18 -0.01	22.13 1.83 0.00	19.53 1.58 -0.01	18.86 1.54 0.00	18.09 1.48 0.00	26.01 2.17 0.00	32.37 2.03 0.00	37.06 2.75 -0.01	40.20 3.01 -0.01	39.01 3.12 -0.01	39.89 2.92 -0.88	41.65 3.05 -2.64	41.63 3.02 -3.84	42.71 2.96 -5.70	42.16 2.87 -6.24	43.68 2.86 -8.72	43.18 3.14 -5.50	43.62 3.38 -2.29	44.79 3.34 -2.16	47.32 3.56 -1.91	50.59 3.82 -2.37	46.50 3.23 -4.34	40.25 2.81 -4.38	34.02 2.54 -1.90
PJM_GEN_HTTP_PROXY 323702	25.66 1.72 0.00	21.80 1.50 0.00	19.21 1.27 0.00	18.55 1.23 0.00	17.83 1.21 0.00	24.86 1.64 0.62	32.02 1.67 -0.02	37.11 2.20 -0.61	39.71 2.53 0.00	38.65 2.76 0.00	38.79 2.71 0.00	38.72 2.77 0.00	37.51 2.75 0.00	36.74 2.69 0.00	35.65 2.61 0.00	34.67 2.57 0.01	37.33 2.80 0.00	41.02 3.07 0.00	42.24 2.95 0.00	44.94 3.10 0.01	47.68 3.29 0.00	41.66 2.72 0.00	35.46 2.22 -0.18	31.43 2.04 0.18
PJM_GEN_KEystone 24065	24.15 0.21 0.00	20.52 0.22 0.00	17.99 0.05 0.00	17.37 0.05 0.00	16.68 0.07 0.00	23.12 -0.09 0.62	29.92 -0.42 -0.02	34.64 -0.28 -0.61	36.66 -0.52 0.00	35.20 -0.68 0.00	35.40 -0.69 0.00	35.16 -0.79 0.00	34.10 -0.66 0.00	33.44 -0.61 0.00	32.51 -0.53 0.00	31.59 -0.51 0.01	34.05 -0.48 0.00	37.31 -0.65 0.00	38.70 -0.59 0.00	41.42 -0.42 0.01	44.04 -0.36 0.00	38.66 -0.27 0.00	32.91 -0.33 -0.18	29.51 0.12 0.18
PJM_GEN_NEPTUNE_PROXY 323594	25.86 1.92 -0.01	21.92 1.62 0.00	19.35 1.40 -0.01	18.67 1.35 0.00	17.93 1.31 0.00	25.10 1.88 0.62	32.08 1.73 -0.02	37.29 2.37 -0.62	39.87 2.68 -0.01	38.65 2.76 -0.01	38.77 2.60 -0.08	38.92 2.73 -0.23	37.82 2.71 -0.34	37.31 2.66 -0.60	38.64 2.51 -3.09	38.84 2.51 -4.22	39.20 2.76 -1.90	41.04 2.88 -0.20	42.27 2.79 -0.19	44.99 2.97 -0.16	47.81 3.20 -0.21	42.06 2.76 -0.37	38.65 2.35 -3.23	33.12 2.13 -1.42
PJM_GEN_VFT_PROXY 323633	25.57 1.63 0.00	21.74 1.44 0.00	19.18 1.24 0.00	18.51 1.19 0.00	17.79 1.18 0.00	24.79 1.57 0.62	31.89 1.55 -0.02	36.97 2.06 -0.61	39.60 2.42 0.00	38.54 2.66 0.00	38.65 2.56 0.00	38.58 2.62 0.00	37.37 2.61 0.00	36.61 2.56 0.00	35.52 2.48 0.00	34.58 2.47 0.01	37.23 2.70 0.00	40.91 2.96 0.00	42.12 2.83 0.00	44.77 2.93 0.01	47.55 3.15 0.00	41.54 2.61 0.00	35.33 2.08 -0.18	31.31 1.92 0.18
PLATSBURG_115KV_PMLD1 355749	23.70 -0.24 0.00	20.12 -0.18 0.00	17.85 -0.09 0.00	17.26 -0.05 0.00	16.48 -0.13 0.00	23.89 0.05 0.00	30.97 0.64 0.00	35.09 0.79 0.00	38.00 0.82 0.00	36.71 0.83 0.00	36.88 0.79 0.00	36.78 0.83 0.00	35.49 0.73 0.00	34.73 0.68 0.00	33.63 0.59 0.00	32.72 0.61 0.00	35.29 0.76 0.00	38.75 0.80 0.00	40.15 0.86 0.00	42.48 0.63 0.00	44.97 0.58 0.00	39.32 0.39 0.00	33.26 0.20 0.00	29.33 -0.24 0.00
PLEASANTVLY___LBMP 24000	25.33 1.39 0.00	21.50 1.20 0.00	19.00 1.06 0.00	18.32 1.00 0.00	17.59 0.98 0.00	25.17 1.33 0.00	31.55 1.21 0.00	35.92 1.61 0.00	39.08 1.90 0.00	37.96 2.08 0.00	38.14 2.06 0.00	38.04 2.09 0.00	36.82 2.05 0.00	36.06 2.01 0.00	34.99 1.95 0.00	34.03 1.93 0.01	36.64 2.11 0.00	40.27 2.32 0.00	41.49 2.83 0.00	44.14 2.93 0.01	46.84 3.15 0.00	41.03 2.10 0.00	34.75 1.69 0.00	31.17 1.60 0.00
PLSNTVLE_13_KV_13.8KVDIST 80602	25.52 1.58 0.00	21.66 1.36 0.00	19.14 1.20 0.00	18.44 1.13 0.00	17.73 1.11 0.00	25.34 1.50 0.00	31.79 1.46 0.00	36.26 1.96 0.00	39.45 2.27 0.00	38.36 2.48 0.00	38.54 2.45 0.00	38.44 2.48 0.00	37.20 2.43 0.00	36.47 2.42 0.00	35.39 2.35 0.00	34.41 2.31 0.01	37.05 2.52 0.00	40.72 2.77 0.00	41.96 2.67 0.00	44.65 2.80 0.01	47.37 2.97 0.00	41.42 2.49 0.00	35.08 2.02 0.00	31.43 1.86 0.00
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	25.52 1.58 0.00	21.66 1.36 0.00	19.14 1.20 0.00	18.44 1.13 0.00	17.73 1.11 0.00	25.34 1.50 0.00	31.79 1.46 0.00	36.26 1.96 0.00	39.45 2.27 0.00	38.36 2.48 0.00	38.54 2.45 0.00	38.44 2.48 0.00	37.20 2.43 0.00	36.47 2.42 0.00	35.39 2.35 0.00	34.41 2.31 0.01	37.05 2.52 0.00	40.72 2.77 0.00	41.96 2.67 0.00	44.65 2.80 0.01	47.37 2.97 0.00	41.42 2.49 0.00	35.08 2.02 0.00	31.43 1.86 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	25.47 1.53 0.00	21.62 1.32 0.00	19.09 1.15 0.00	18.42 1.11 0.00	17.69 1.08 0.00	25.32 1.48 0.00	31.76 1.43 0.00	36.12 1.82 0.00	39.23 2.04 0.00	38.18 2.30 0.00	38.29 2.20 0.00	38.22 2.27 0.00	36.95 2.19 0.00	36.20 2.15 0.00	35.12 2.08 0.00	34.16 2.06 0.01	36.85 2.31 0.00	40.46 2.50 0.00	41.76 2.48 0.00	44.48 2.64 0.01	47.24 2.84 0.00	41.35 2.41 0.00	34.98 1.92 0.00	31.38 1.80 0.00
POLETTI_____ 23519	25.64 1.70 0.00	21.78 1.48 0.00	19.25 1.31 0.00	18.55 1.23 0.00	17.81 1.20 0.00	25.46 1.62 0.00	31.92 1.61 0.02	36.41 2.13 0.02	39.62 2.45 0.02	38.56 2.69 0.02	38.74 2.67 0.02	38.64 2.70 0.02	37.43 2.68 0.02	36.66 2.62 0.02	35.57 2.54 0.02	34.59 2.50 0.02	37.25 2.73 0.02	40.93 3.00 0.02	42.18 2.91 0.02	44.80 2.97 0.03	47.53 3.15 0.02	41.56 2.65 0.02	35.21 2.15 0.00	31.55 1.98 0.00
POMONA___ESR 323819	25.33 1.39 0.00	21.50 1.20 0.00	18.96 1.02 0.00	18.32 1.00 0.00	17.59 0.98 0.00	25.17 1.33 0.00	31.58 1.24 0.00	35.95 1.65 0.00	39.08 1.90 0.00	38.04 2.15 0.00	38.14 2.06 0.00	38.08 2.12 0.00	36.85 2.09 0.00	36.13 2.08 0.00	35.06 2.02 0.00	34.09 1.99 0.01	36.75 2.21 0.00	40.31 2.35 0.00	41.53 2.24 0.00	44.27 2.43 0.01	47.02 2.62 0.00	41.03 2.10 0.00	34.69 1.62 0.00	31.05 1.48 0.00
PORT_JEFF_3 23555	26.24 2.30 -0.01	22.19 1.89 0.00	19.64 1.69 -0.01	18.96 1.65 0.00	18.18 1.56 0.00	26.15 2.31 0.00	32.37 2.03 0.00	37.13 2.81 -0.01	40.31 3.12 -0.01	39.12 3.23 -0.01	39.50 3.03 -0.38	40.28 3.20 -1.13	39.56 3.16 -1.64	39.64 3.10 -2.49	40.29 2.97 -4.28	41.01 2.99 -5.91	41.06 3.28 -3.25	42.46 3.53 -0.98	43.75 3.54 -0.92	46.43 3.77 -0.81	49.41 4.00 -1.01	44.16 3.39 -1.84	39.57 2.94 -3.56	33.92 2.63 -1.72
PORT_JEFF_4 23616	26.24 2.30 -0.01	22.19 1.89 0.00	19.64 1.69 -0.01	18.96 1.65 0.00	18.18 1.56 0.00	26.15 2.31 0.00	32.37 2.03 0.00	37.13 2.81 -0.01	40.31 3.12 -0.01	39.12 3.23 -0.01	39.50 3.03 -0.38	40.28 3.20 -1.13	39.56 3.16 -1.64	39.64 3.10 -2.49	40.29 2.97 -4.28	41.01 2.99 -5.91	41.06 3.28 -3.25	42.46 3.53 -0.98	43.75 3.54 -0.92	46.43 3.77 -0.81	49.41 4.00 -1.01	44.16 3.39 -1.84	39.57 2.94 -3.56	33.92 2.63 -1.72

PORT_JEFF_IC 23713	26.27 2.32 -0.01	22.21 1.91 0.00	19.80 1.85 -0.01	18.98 1.66 0.00	18.21 1.59 0.00	26.17 2.34 0.00	32.43 2.09 0.00	37.16 2.85 -0.01	40.35 3.16 -0.01	39.19 3.30 -0.01	39.58 3.10 -0.39	40.36 3.24 -1.17	39.66 3.20 -1.70	39.80 3.17 -2.58	40.41 3.04 -4.33	41.09 2.99 -5.99	41.16 3.32 -3.31	42.57 3.61 -1.01	43.86 3.61 -0.96	46.46 3.77 -0.84	49.44 4.00 -1.05	44.26 3.43 -1.91	39.63 2.98 -3.59	33.99 2.69 -1.73
PPL PILGRIM_ST_GT1 24216	26.29 2.35 -0.01	22.25 1.95 0.00	19.66 1.71 -0.01	18.98 1.66 0.00	18.21 1.60 0.00	26.17 2.34 0.00	32.52 2.19 0.00	37.16 2.85 -0.01	40.31 3.12 -0.01	39.16 3.26 -0.01	39.50 2.96 -0.45	40.54 3.24 -1.35	39.92 3.20 -1.96	40.14 3.13 -2.95	40.71 3.10 -4.57	41.52 3.08 -6.32	41.53 3.42 -3.58	42.76 3.64 -1.17	44.00 3.61 -1.10	46.67 3.85 -0.97	49.69 4.08 -1.21	44.64 3.51 -2.20	39.79 3.04 -3.69	34.04 2.72 -1.75
PPL PILGRIM_ST_GT2 24217	26.29 2.35 -0.01	22.25 1.95 0.00	19.66 1.71 -0.01	18.98 1.66 0.00	18.21 1.60 0.00	26.17 2.34 0.00	32.52 2.19 0.00	37.16 2.85 -0.01	40.31 3.12 -0.01	39.16 3.26 -0.01	39.50 2.96 -0.45	40.54 3.24 -1.35	39.92 3.20 -1.96	40.14 3.13 -2.95	40.71 3.10 -4.57	41.52 3.08 -6.32	41.53 3.42 -3.58	42.76 3.64 -1.17	44.00 3.61 -1.10	46.67 3.85 -0.97	49.69 4.08 -1.21	44.64 3.51 -2.20	39.79 3.04 -3.69	34.04 2.72 -1.75
PPL_SHRM_GT3 24213	26.24 2.30 -0.01	22.17 1.87 0.00	19.73 1.78 -0.01	19.03 1.71 0.00	18.24 1.63 0.00	26.24 2.41 0.00	32.30 1.97 0.00	37.06 2.75 -0.01	40.20 3.01 -0.01	39.05 3.16 -0.01	39.39 2.92 -0.39	40.20 3.09 -1.15	39.49 3.06 -1.67	39.61 3.03 -2.53	40.25 2.91 -4.31	40.95 2.89 -5.95	41.02 3.21 -3.28	42.48 3.53 -1.00	43.76 3.54 -0.94	46.49 3.81 -0.82	49.42 4.00 -1.03	44.23 3.43 -1.87	39.55 2.91 -3.58	33.93 2.63 -1.72
PPL_SHRM_GT4 24214	26.24 2.30 -0.01	22.17 1.87 0.00	19.73 1.78 -0.01	19.03 1.71 0.00	18.24 1.63 0.00	26.24 2.41 0.00	32.30 1.97 0.00	37.06 2.75 -0.01	40.20 3.01 -0.01	39.05 3.16 -0.01	39.39 2.92 -0.39	40.20 3.09 -1.15	39.49 3.06 -1.67	39.61 3.03 -2.53	40.25 2.91 -4.31	40.95 2.89 -5.95	41.02 3.21 -3.28	42.48 3.53 -1.00	43.76 3.54 -0.94	46.49 3.81 -0.82	49.42 4.00 -1.03	44.23 3.43 -1.87	39.55 2.91 -3.58	33.93 2.63 -1.72
PROJECT___ORANGE 1 24174	23.82 -0.12 0.00	20.22 -0.08 0.00	17.83 -0.11 0.00	17.21 -0.10 0.00	16.53 -0.08 0.00	23.65 -0.19 0.00	30.00 -0.33 0.00	33.75 -0.55 0.00	36.47 -0.71 0.00	35.06 -0.83 0.00	35.29 -0.79 0.00	35.13 -0.83 0.00	33.90 -0.87 0.00	33.20 -0.85 0.00	32.25 -0.79 0.00	31.30 -0.80 0.01	33.67 -0.86 0.00	37.04 -0.91 0.00	38.46 -0.83 0.00	41.13 -0.71 0.01	43.64 -0.75 0.00	38.27 -0.66 0.00	32.50 -0.56 0.00	29.45 -0.12 0.00
PROJECT___ORANGE 2 24166	23.82 -0.12 0.00	20.22 -0.08 0.00	17.83 -0.11 0.00	17.21 -0.10 0.00	16.53 -0.08 0.00	23.65 -0.19 0.00	30.00 -0.33 0.00	33.75 -0.55 0.00	36.47 -0.71 0.00	35.06 -0.83 0.00	35.29 -0.79 0.00	35.13 -0.83 0.00	33.90 -0.87 0.00	33.20 -0.85 0.00	32.25 -0.79 0.00	31.30 -0.80 0.01	33.67 -0.86 0.00	37.04 -0.91 0.00	38.46 -0.83 0.00	41.13 -0.71 0.01	43.64 -0.75 0.00	38.27 -0.66 0.00	32.50 -0.56 0.00	29.45 -0.12 0.00
PUCKETT___SOLAR 323809	24.42 0.48 0.00	20.73 0.43 0.00	18.28 0.34 0.00	17.63 0.31 0.00	16.95 0.33 0.00	24.27 0.43 0.00	30.73 0.39 0.00	34.78 0.48 0.00	37.59 0.41 0.00	36.03 0.14 0.00	36.27 0.18 0.00	35.99 0.04 0.00	34.73 -0.03 0.00	33.99 -0.07 0.00	32.97 -0.07 0.00	32.07 -0.03 0.01	34.53 0.00 0.00	38.03 0.08 0.00	39.64 0.35 0.00	42.51 0.67 0.01	45.20 0.80 0.00	39.63 0.70 0.00	33.49 0.43 0.00	30.25 0.68 0.00
PYRITES___HYD 24023	23.39 -0.55 0.00	19.81 -0.49 0.00	17.53 -0.41 0.00	16.93 -0.38 0.00	16.20 -0.42 0.00	23.60 -0.24 0.00	30.76 0.42 0.00	34.72 0.41 0.00	37.52 0.33 0.00	36.10 0.22 0.00	36.30 0.22 0.00	36.17 0.22 0.00	34.87 0.10 0.00	34.09 0.03 0.00	33.04 0.00 0.00	32.17 0.06 0.00	34.74 0.21 0.00	38.33 0.38 0.00	40.00 0.71 0.00	42.52 0.67 0.00	45.02 0.62 0.00	39.52 0.58 0.00	33.36 0.30 0.00	29.16 -0.41 0.00
QUAKERRD_115KV_BK1 80622	22.79 -1.15 0.00	19.39 -0.91 0.00	17.03 -0.91 0.00	16.48 -0.83 0.00	15.82 -0.80 0.00	22.53 -1.31 0.00	28.51 -1.82 0.00	32.28 -2.02 0.00	34.84 -2.34 0.00	33.16 -2.73 0.00	33.38 -2.71 0.00	33.15 -2.80 0.00	32.19 -2.57 0.00	31.53 -2.52 0.00	30.73 -2.31 0.00	29.82 -2.28 0.01	32.12 -2.42 0.00	35.26 -2.69 0.00	36.73 -2.55 0.00	39.41 -2.43 0.01	41.87 -2.53 0.00	36.60 -2.34 0.00	31.11 -1.95 0.00	28.24 -1.33 0.00
QUENSBRY_115KV_TB8 356137	25.28 1.34 0.00	21.39 1.10 0.00	18.89 0.95 0.00	18.22 0.90 0.00	17.49 0.88 0.00	25.08 1.24 0.00	31.70 1.36 0.00	35.92 1.61 0.00	39.11 1.93 0.00	37.61 1.72 0.00	37.93 1.84 0.00	37.82 1.87 0.00	36.40 1.63 0.00	35.72 1.67 0.00	34.59 1.55 0.00	33.68 1.57 0.01	36.16 1.62 0.00	39.81 1.86 0.00	41.25 1.96 0.00	44.14 2.30 0.01	46.79 2.40 0.00	41.15 2.22 0.00	34.92 1.85 0.00	31.29 1.72 0.00
RAMAPO___LBMP 323565	25.21 1.27 0.00	21.39 1.10 0.00	18.91 0.97 0.00	18.25 0.94 0.00	17.53 0.91 0.00	25.05 1.22 0.00	31.46 1.12 0.00	35.81 1.51 0.00	38.93 1.75 0.00	37.82 1.94 0.00	38.00 1.91 0.00	37.90 1.94 0.00	36.68 1.91 0.00	35.96 1.91 0.00	34.86 1.82 0.00	33.93 1.83 0.01	36.54 2.00 0.00	40.08 2.13 0.00	41.33 2.04 0.00	43.98 2.13 0.01	46.71 2.31 0.00	40.92 1.99 0.00	34.59 1.52 0.00	30.99 1.42 0.00
RANKINE____ 23646	22.79 -1.15 0.00	19.45 -0.85 0.00	16.97 -0.97 0.00	16.45 -0.87 0.00	15.80 -0.81 0.00	22.41 -1.43 0.00	28.33 -2.00 0.00	32.21 -2.09 0.00	34.32 -2.86 0.00	32.37 -3.52 0.00	32.48 -3.61 0.00	32.14 -3.81 0.00	31.22 -3.55 0.00	30.68 -3.37 0.00	29.97 -3.07 0.00	29.05 -3.05 0.01	31.32 -3.21 0.00	34.23 -3.72 0.00	35.99 -3.30 0.00	38.83 -3.01 0.01	41.42 -2.97 0.00	36.25 -2.69 0.00	30.92 -2.15 0.00	28.24 -1.33 0.00
RAVENSWOOD_GT2_1 24244	25.66 1.72 0.00	21.80 1.50 0.00	19.25 1.31 0.00	18.56 1.25 0.00	17.83 1.21 0.00	25.48 1.64 0.00	31.97 1.64 0.00	36.50 2.20 0.00	39.71 2.53 0.00	38.65 2.76 0.00	38.79 2.71 0.00	38.69 2.73 0.00	37.48 2.71 0.00	36.71 2.66 0.00	35.62 2.58 0.00	34.67 2.57 0.01	37.33 2.80 0.00	41.03 3.07 0.00	42.23 2.95 0.00	44.90 3.06 0.01	47.64 3.24 0.00	41.66 2.73 0.00	35.28 2.22 0.00	31.58 2.01 0.00
RAVENSWOOD_GT2_2 24245	25.66 1.72 0.00	21.80 1.50 0.00	19.25 1.31 0.00	18.56 1.25 0.00	17.83 1.21 0.00	25.48 1.64 0.00	31.97 1.64 0.00	36.50 2.20 0.00	39.71 2.53 0.00	38.65 2.76 0.00	38.79 2.71 0.00	38.69 2.73 0.00	37.48 2.71 0.00	36.71 2.66 0.00	35.62 2.58 0.00	34.67 2.57 0.01	37.33 2.80 0.00	41.03 3.07 0.00	42.23 2.95 0.00	44.90 3.06 0.01	47.64 3.24 0.00	41.66 2.73 0.00	35.28 2.22 0.00	31.58 2.01 0.00



RAVENSWOOD_GT2_3 24246	25.69 1.75 0.00	21.80 1.50 0.00	19.27 1.33 0.00	18.56 1.25 0.00	17.83 1.21 0.00	25.51 1.67 0.00	32.00 1.67 0.00	36.50 2.20 0.00	39.71 2.53 0.00	38.65 2.76 0.00	38.83 2.74 0.00	38.72 2.77 0.00	37.51 2.75 0.00	36.74 2.69 0.00	35.65 2.61 0.00	34.67 2.57 0.01	37.33 2.80 0.00	41.03 3.07 0.00	42.27 2.99 0.00	44.90 3.06 0.01	47.64 3.24 0.00	41.70 2.76 0.00	35.28 2.22 0.00	31.61 2.04 0.00
RAVENSWOOD_GT2_4 24247	25.69 1.75 0.00	21.80 1.50 0.00	19.27 1.33 0.00	18.56 1.25 0.00	17.83 1.21 0.00	25.51 1.67 0.00	32.00 1.67 0.00	36.50 2.20 0.00	39.71 2.53 0.00	38.65 2.76 0.00	38.83 2.74 0.00	38.72 2.77 0.00	37.51 2.75 0.00	36.74 2.69 0.00	35.65 2.61 0.00	34.67 2.57 0.01	37.33 2.80 0.00	41.03 3.07 0.00	42.27 2.99 0.00	44.90 3.06 0.01	47.64 3.24 0.00	41.70 2.76 0.00	35.28 2.22 0.00	31.61 2.04 0.00
RAVENSWOOD_GT3_1 24248	25.66 1.72 0.00	21.80 1.50 0.00	19.25 1.31 0.00	18.56 1.25 0.00	17.83 1.21 0.00	25.48 1.64 0.00	31.97 1.64 0.00	36.50 2.20 0.00	39.71 2.53 0.00	38.65 2.76 0.00	38.79 2.71 0.00	38.69 2.73 0.00	37.48 2.71 0.00	36.71 2.66 0.00	35.62 2.58 0.00	34.64 2.54 0.01	37.33 2.80 0.00	41.03 3.07 0.00	42.23 2.95 0.00	44.90 3.06 0.01	47.64 3.24 0.00	41.66 2.73 0.00	35.28 2.22 0.00	31.61 2.04 0.00
RAVENSWOOD_GT3_2 24249	25.66 1.72 0.00	21.80 1.50 0.00	19.25 1.31 0.00	18.56 1.25 0.00	17.83 1.21 0.00	25.48 1.64 0.00	31.97 1.64 0.00	36.50 2.20 0.00	39.71 2.53 0.00	38.65 2.76 0.00	38.79 2.71 0.00	38.69 2.73 0.00	37.48 2.71 0.00	36.71 2.66 0.00	35.62 2.58 0.00	34.64 2.54 0.01	37.33 2.80 0.00	41.03 3.07 0.00	42.23 2.95 0.00	44.90 3.06 0.01	47.64 3.24 0.00	41.66 2.73 0.00	35.28 2.22 0.00	31.61 2.04 0.00
RAVENSWOOD_GT3_3 24250	25.69 1.75 0.00	21.82 1.52 0.00	19.27 1.33 0.00	18.58 1.26 0.00	17.84 1.23 0.00	25.51 1.67 0.00	32.00 1.67 0.00	36.53 2.23 0.00	39.75 2.57 0.00	38.68 2.80 0.00	38.83 2.74 0.00	38.76 2.80 0.00	37.51 2.75 0.00	36.78 2.72 0.00	35.68 2.64 0.00	34.70 2.60 0.01	37.37 2.83 0.00	41.06 3.11 0.00	42.27 2.99 0.00	44.94 3.10 0.01	47.68 3.29 0.00	41.70 2.76 0.00	35.31 2.25 0.00	31.64 2.07 0.00
RAVENSWOOD_GT3_4 24251	25.69 1.75 0.00	21.82 1.52 0.00	19.27 1.33 0.00	18.58 1.26 0.00	17.84 1.23 0.00	25.51 1.67 0.00	32.00 1.67 0.00	36.53 2.23 0.00	39.75 2.57 0.00	38.68 2.80 0.00	38.83 2.74 0.00	38.76 2.80 0.00	37.51 2.75 0.00	36.78 2.72 0.00	35.68 2.64 0.00	34.70 2.60 0.01	37.37 2.83 0.00	41.06 3.11 0.00	42.27 2.99 0.00	44.94 3.10 0.01	47.68 3.29 0.00	41.70 2.76 0.00	35.31 2.25 0.00	31.64 2.07 0.00
RAVENSWOOD_GT_1 23729	25.78 1.84 0.00	21.90 1.60 0.00	19.36 1.42 0.00	18.65 1.33 0.00	17.91 1.30 0.00	25.53 1.69 0.00	32.03 1.70 0.00	36.57 2.26 0.00	39.82 2.64 0.00	38.79 2.91 0.00	38.94 2.85 0.00	38.87 2.91 0.00	37.61 2.85 0.00	36.85 2.79 0.00	35.78 2.74 0.00	34.83 2.73 0.01	37.50 2.97 0.00	41.22 3.26 0.00	42.47 3.18 0.00	45.11 3.26 0.01	47.82 3.42 0.00	41.77 2.84 0.00	35.31 2.25 0.00	31.64 2.07 0.00
RAVENSWOOD_GT_10 24258	25.66 1.72 0.00	21.80 1.50 0.00	19.25 1.31 0.00	18.56 1.25 0.00	17.83 1.21 0.00	25.48 1.64 0.00	31.97 1.64 0.00	36.50 2.20 0.00	39.71 2.53 0.00	38.65 2.76 0.00	38.79 2.71 0.00	38.69 2.73 0.00	37.48 2.71 0.00	36.71 2.66 0.00	35.62 2.58 0.00	34.67 2.57 0.01	37.33 2.80 0.00	41.03 3.07 0.00	42.23 2.95 0.00	44.90 3.06 0.01	47.64 3.24 0.00	41.66 2.73 0.00	35.28 2.22 0.00	31.58 2.01 0.00
RAVENSWOOD_GT_11 24259	25.66 1.72 0.00	21.80 1.50 0.00	19.25 1.31 0.00	18.56 1.25 0.00	17.83 1.21 0.00	25.48 1.64 0.00	31.97 1.64 0.00	36.50 2.20 0.00	39.71 2.53 0.00	38.65 2.76 0.00	38.79 2.71 0.00	38.69 2.73 0.00	37.48 2.71 0.00	36.71 2.66 0.00	35.62 2.58 0.00	34.67 2.57 0.01	37.33 2.80 0.00	41.03 3.07 0.00	42.23 2.95 0.00	44.90 3.06 0.01	47.64 3.24 0.00	41.66 2.73 0.00	35.28 2.22 0.00	31.58 2.01 0.00
RAVENSWOOD_GT_4 24252	25.66 1.72 0.00	21.80 1.50 0.00	19.25 1.31 0.00	18.56 1.25 0.00	17.83 1.21 0.00	25.48 1.64 0.00	31.97 1.64 0.00	36.50 2.20 0.00	39.71 2.53 0.00	38.65 2.76 0.00	38.79 2.71 0.00	38.72 2.77 0.00	37.48 2.71 0.00	36.71 2.66 0.00	35.62 2.58 0.00	34.67 2.57 0.01	37.33 2.80 0.00	41.03 3.07 0.00	42.23 2.95 0.00	44.90 3.06 0.01	47.64 3.24 0.00	41.66 2.73 0.00	35.28 2.22 0.00	31.58 2.01 0.00
RAVENSWOOD_GT_5 24254	25.66 1.72 0.00	21.80 1.50 0.00	19.25 1.31 0.00	18.56 1.25 0.00	17.83 1.21 0.00	25.48 1.64 0.00	31.97 1.64 0.00	36.50 2.20 0.00	39.71 2.53 0.00	38.65 2.76 0.00	38.79 2.71 0.00	38.72 2.77 0.00	37.48 2.71 0.00	36.71 2.66 0.00	35.62 2.58 0.00	34.67 2.57 0.01	37.33 2.80 0.00	41.03 3.07 0.00	42.23 2.95 0.00	44.90 3.06 0.01	47.64 3.24 0.00	41.66 2.73 0.00	35.28 2.22 0.00	31.58 2.01 0.00
RAVENSWOOD_GT_6 24253	25.66 1.72 0.00	21.80 1.50 0.00	19.25 1.31 0.00	18.56 1.25 0.00	17.83 1.21 0.00	25.48 1.64 0.00	31.97 1.64 0.00	36.50 2.20 0.00	39.71 2.53 0.00	38.65 2.76 0.00	38.79 2.71 0.00	38.72 2.77 0.00	37.48 2.71 0.00	36.71 2.66 0.00	35.62 2.58 0.00	34.67 2.57 0.01	37.33 2.80 0.00	41.03 3.07 0.00	42.23 2.95 0.00	44.90 3.06 0.01	47.64 3.24 0.00	41.66 2.73 0.00	35.28 2.22 0.00	31.58 2.01 0.00
RAVENSWOOD_GT_7 24255	25.66 1.72 0.00	21.80 1.50 0.00	19.25 1.31 0.00	18.56 1.25 0.00	17.83 1.21 0.00	25.48 1.64 0.00	31.97 1.64 0.00	36.50 2.20 0.00	39.71 2.53 0.00	38.65 2.76 0.00	38.79 2.71 0.00	38.72 2.77 0.00	37.48 2.71 0.00	36.71 2.66 0.00	35.62 2.58 0.00	34.67 2.57 0.01	37.33 2.80 0.00	41.03 3.07 0.00	42.23 2.95 0.00	44.90 3.06 0.01	47.64 3.24 0.00	41.66 2.73 0.00	35.28 2.22 0.00	31.58 2.01 0.00
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	25.66 1.72 0.00	21.80 1.50 0.00	19.25 1.31 0.00	18.56 1.25 0.00	17.83 1.21 0.00	25.48 1.64 0.00	31.97 1.64 0.00	36.50 2.20 0.00	39.71 2.53 0.00	38.65 2.76 0.00	38.79 2.71 0.00	38.69 2.73 0.00	37.48 2.71 0.00	36.71 2.66 0.00	35.62 2.58 0.00	34.67 2.57 0.01	37.33 2.80 0.00	41.03 3.07 0.00	42.23 2.95 0.00	44.90 3.06 0.01	47.64 3.24 0.00	41.66 2.73 0.00	35.28 2.22 0.00	31.58 2.01 0.00
RAVENSWOOD_GT_9 24257	25.66 1.72 0.00	21.80 1.50 0.00	19.25 1.31 0.00	18.56 1.25 0.00	17.83 1.21 0.00	25.48 1.64 0.00	31.97 1.64 0.00	36.50 2.20 0.00	39.71 2.53 0.00	38.65 2.76 0.00	38.79 2.71 0.00	38.69 2.73 0.00	37.48 2.71 0.00	36.71 2.66 0.00	35.62 2.58 0.00	34.67 2.57 0.01	37.33 2.80 0.00	41.03 3.07 0.00	42.23 2.95 0.00	44.90 3.06 0.01	47.64 3.24 0.00	41.66 2.73 0.00	35.28 2.22 0.00	31.58 2.01 0.00

RAVENSWOOD___1 23533	25.78 1.84 0.00	21.91 1.60 -0.01	19.33 1.38 -0.01	18.66 1.33 -0.01	17.92 1.30 -0.01	25.53 1.69 0.00	32.03 1.70 0.00	36.57 2.26 0.00	39.82 2.64 0.00	38.79 2.91 0.00	38.90 2.82 0.00	38.87 2.91 0.00	37.65 2.88 0.00	36.85 2.79 0.00	35.78 2.74 0.00	34.83 2.73 0.01	37.51 2.97 -0.01	41.22 3.26 -0.01	42.48 3.18 -0.01	45.15 3.31 0.01	47.90 3.51 0.00	41.77 2.84 0.00	35.32 2.25 0.00	31.64 2.07 0.00
RAVENSWOOD___2 23534	25.78 1.84 0.00	21.91 1.60 -0.01	19.33 1.38 -0.01	18.66 1.33 -0.01	17.92 1.30 -0.01	25.53 1.69 0.00	32.03 1.70 0.00	36.57 2.26 0.00	39.82 2.64 0.00	38.79 2.91 0.00	38.90 2.82 0.00	38.87 2.91 0.00	37.65 2.88 0.00	36.85 2.79 0.00	35.78 2.74 0.00	34.83 2.73 0.01	37.51 2.97 -0.01	41.22 3.26 -0.01	42.48 3.18 -0.01	45.15 3.31 0.01	47.90 3.51 0.00	41.77 2.84 0.00	35.32 2.25 0.00	31.64 2.07 0.00
RAVENSWOOD___3 23535	25.66 1.72 0.00	21.80 1.50 0.00	19.21 1.27 0.00	18.56 1.25 0.00	17.83 1.21 0.00	25.48 1.64 0.00	31.97 1.64 0.00	36.50 2.20 0.00	39.71 2.53 0.00	38.65 2.76 0.00	38.76 2.67 0.00	38.69 2.73 0.00	37.48 2.71 0.00	36.71 2.66 0.00	35.62 2.58 0.00	34.67 2.57 0.01	37.33 2.80 0.00	41.02 3.07 0.00	42.24 2.95 0.00	44.94 3.10 0.01	47.68 3.29 0.00	41.66 2.72 0.00	35.28 2.22 0.00	31.61 2.04 0.00
RAVENSWOOD___4 23820	25.78 1.84 0.00	21.91 1.60 -0.01	19.33 1.38 -0.01	18.66 1.33 -0.01	17.92 1.30 -0.01	25.53 1.69 0.00	32.03 1.70 0.00	36.57 2.26 0.00	39.82 2.64 0.00	38.79 2.91 0.00	38.90 2.82 0.00	38.87 2.91 0.00	37.65 2.88 0.00	36.85 2.79 0.00	35.78 2.74 0.00	34.83 2.73 0.01	37.51 2.97 -0.01	41.22 3.26 -0.01	42.48 3.18 -0.01	45.15 3.31 0.01	47.90 3.51 0.00	41.77 2.84 0.00	35.32 2.25 0.00	31.64 2.07 0.00
RCPL_TRUST___DRP 24196	25.69 1.75 0.00	21.82 1.52 0.00	19.27 1.33 0.00	18.58 1.26 0.00	17.84 1.23 0.00	25.51 1.67 0.00	32.03 1.70 0.00	36.57 2.26 0.00	39.78 2.60 0.00	38.72 2.83 0.00	38.87 2.78 0.00	38.76 2.80 0.00	37.55 2.78 0.00	36.78 2.72 0.00	35.68 2.64 0.00	34.74 2.63 0.01	37.40 2.87 0.00	41.10 3.15 0.00	42.31 3.03 0.00	44.94 3.10 0.01	47.68 3.29 0.00	41.74 2.80 0.00	35.31 2.25 0.00	31.64 2.07 0.00
RED___ROCHESTER 323720	23.29 -0.65 0.00	19.79 -0.51 0.00	17.46 -0.48 0.00	16.83 -0.48 0.00	16.13 -0.48 0.00	22.96 -0.88 0.00	29.06 -1.27 0.00	32.93 -1.37 0.00	35.51 -1.67 0.00	33.69 -2.19 0.00	34.14 -1.95 0.00	33.69 -2.26 0.00	32.82 -1.95 0.00	32.15 -1.91 0.00	31.32 -1.72 0.00	30.43 -1.67 0.01	32.74 -1.80 0.00	35.94 -2.01 0.00	37.48 -1.81 0.00	40.25 -1.59 0.01	42.71 -1.69 0.00	37.37 -1.56 0.00	31.78 -1.29 0.00	28.86 -0.71 0.00
REGAN___SOLAR 323812	25.90 1.96 0.00	21.94 1.64 0.00	19.38 1.44 0.00	18.68 1.37 0.00	17.98 1.36 0.00	25.79 1.96 0.00	32.55 2.21 0.00	36.84 2.54 0.00	40.45 3.27 0.00	38.79 2.91 0.00	39.01 2.92 0.00	38.76 2.81 0.00	37.27 2.50 0.00	36.54 2.48 0.00	35.42 2.38 0.00	34.51 2.41 0.01	37.05 2.52 0.00	40.87 2.92 0.00	42.47 3.18 0.00	45.23 3.39 0.01	47.99 3.59 0.00	42.28 3.35 0.00	35.78 2.71 0.00	32.08 2.51 0.00
RENSSELAER___COGEN 23796	24.75 0.81 0.00	21.03 0.73 0.00	18.59 0.64 0.00	17.94 0.62 0.00	17.20 0.58 0.00	24.60 0.76 0.00	30.76 0.42 0.00	34.75 0.44 0.00	37.74 0.56 0.00	36.46 0.57 0.00	36.63 0.54 0.00	36.50 0.54 0.00	35.29 0.52 0.00	34.60 0.54 0.00	33.57 0.53 0.00	32.68 0.58 0.01	35.08 0.55 0.00	38.60 0.64 0.00	39.80 0.51 0.00	42.38 0.54 0.01	44.97 0.58 0.00	39.52 0.58 0.00	33.73 0.66 0.00	30.34 0.77 0.00
REPUBLIC_115KV_BARTNBK 55605	26.09 2.15 0.00	22.02 1.73 0.00	19.41 1.47 0.00	18.72 1.40 0.00	17.99 1.38 0.00	25.84 2.00 0.00	32.73 2.40 0.00	37.05 2.74 0.00	40.30 3.12 0.00	38.50 2.62 0.00	38.90 2.81 0.00	39.05 3.09 0.00	37.41 2.64 0.00	36.74 2.69 0.00	35.52 2.48 0.00	34.64 2.54 0.01	37.23 2.69 0.00	41.14 3.19 0.00	42.86 3.58 0.00	46.19 4.35 0.01	48.93 4.53 0.00	43.06 4.13 0.00	36.37 3.31 0.00	32.56 2.99 0.00
REVERE_CPPR_DRP 24186	24.75 0.81 0.00	20.95 0.65 0.00	18.48 0.54 0.00	17.82 0.50 0.00	17.16 0.55 0.00	24.72 0.88 0.00	31.21 0.88 0.00	35.20 0.89 0.00	38.26 1.08 0.00	36.74 0.86 0.00	37.10 1.01 0.00	36.82 0.86 0.00	35.53 0.76 0.00	34.70 0.65 0.00	33.67 0.63 0.00	32.71 0.61 0.01	35.29 0.76 0.00	38.98 1.02 0.00	40.55 1.26 0.00	43.35 1.51 0.01	46.08 1.69 0.00	40.29 1.36 0.00	34.06 0.99 0.00	30.61 1.03 0.00
REYNLDPA_13_KV_LD 356490	23.55 -0.38 0.00	19.97 -0.32 0.00	17.67 -0.27 0.00	17.09 -0.23 0.00	16.30 -0.32 0.00	23.60 -0.24 0.00	30.58 0.24 0.00	34.61 0.31 0.00	37.48 0.30 0.00	36.24 0.36 0.00	36.45 0.36 0.00	36.35 0.40 0.00	35.18 0.42 0.00	34.43 0.37 0.00	33.34 0.30 0.00	32.43 0.32 0.00	34.91 0.38 0.00	38.33 0.38 0.00	39.72 0.43 0.00	42.14 0.29 0.00	44.66 0.27 0.00	39.13 0.19 0.00	33.20 0.13 0.00	29.31 -0.27 0.00
REYNOLDS_115KV_TB3 80639	24.90 0.96 0.00	21.15 0.85 0.00	18.71 0.77 0.00	18.04 0.73 0.00	17.30 0.68 0.00	24.74 0.91 0.00	31.00 0.67 0.00	34.99 0.69 0.00	38.00 0.82 0.00	36.71 0.83 0.00	36.92 0.83 0.00	36.78 0.83 0.00	35.53 0.76 0.00	34.87 0.82 0.00	33.80 0.76 0.00	32.91 0.80 0.01	35.33 0.79 0.00	38.86 0.91 0.00	40.07 0.79 0.00	42.68 0.84 0.01	45.24 0.84 0.00	39.79 0.86 0.00	33.99 0.93 0.00	30.61 1.03 0.00
RIVERBAY____ 323610	25.97 2.03 0.00	22.11 1.81 0.00	19.52 1.58 0.00	18.81 1.49 0.00	18.06 1.45 0.00	25.70 1.86 0.00	32.15 1.82 0.00	36.74 2.44 0.00	39.97 2.79 0.00	38.90 3.01 0.00	39.05 2.96 0.00	38.98 3.02 0.00	37.72 2.95 0.00	36.95 2.89 0.00	35.85 2.81 0.00	34.90 2.79 0.01	37.63 3.11 0.02	41.31 3.38 0.02	42.57 3.30 0.02	45.27 3.43 0.01	47.99 3.60 0.00	41.89 2.96 0.00	35.45 2.38 0.00	31.79 2.22 0.00
RIVERSDE_115KV_TB3 55908	24.85 0.91 0.00	21.11 0.81 0.00	18.66 0.72 0.00	18.01 0.69 0.00	17.26 0.65 0.00	24.67 0.83 0.00	30.88 0.55 0.00	34.89 0.58 0.00	37.89 0.71 0.00	36.60 0.72 0.00	36.81 0.72 0.00	36.67 0.72 0.00	35.42 0.66 0.00	34.77 0.72 0.00	33.73 0.69 0.00	32.81 0.71 0.01	35.22 0.69 0.00	38.75 0.80 0.00	39.96 0.67 0.00	42.55 0.71 0.01	45.11 0.71 0.00	39.67 0.74 0.00	33.86 0.79 0.00	30.49 0.92 0.00
ROARING___BROOK_WT_PWR 323790	23.72 -0.22 0.00	20.10 -0.20 0.00	17.74 -0.20 0.00	17.13 -0.19 0.00	16.40 -0.22 0.00	23.53 -0.31 0.00	29.91 -0.42 0.00	33.82 -0.48 0.00	36.70 -0.48 0.00	35.42 -0.47 0.00	35.66 -0.43 0.00	35.56 -0.39 0.00	34.38 -0.38 0.00	33.75 -0.31 0.00	32.77 -0.27 0.00	31.84 -0.26 0.01	34.26 -0.28 0.00	37.61 -0.34 0.00	38.93 -0.35 0.00	41.42 -0.42 0.01	43.91 -0.49 0.00	38.42 -0.51 0.00	32.60 -0.46 0.00	29.19 -0.39 0.00

ROCHESRG_115KV_T4 355643	23.10 -0.84 0.00	19.67 -0.63 0.00	17.26 -0.68 0.00	16.71 -0.61 0.00	16.03 -0.58 0.00	22.79 -1.05 0.00	28.82 -1.52 0.00	32.62 -1.68 0.00	35.14 -2.04 0.00	33.37 -2.51 0.00	33.60 -2.49 0.00	33.33 -2.62 0.00	32.40 -2.36 0.00	31.77 -2.28 0.00	30.96 -2.08 0.00	30.08 -2.02 0.01	32.36 -2.18 0.00	35.52 -2.43 0.00	37.05 -2.24 0.00	39.79 -2.05 0.01	42.27 -2.13 0.00	36.99 -1.95 0.00	31.48 -1.59 0.00	28.60 -0.98 0.00
ROCHESTER_9_IC 23652	23.20 -0.74 0.00	19.73 -0.57 0.00	17.31 -0.63 0.00	16.76 -0.55 0.00	16.08 -0.53 0.00	22.88 -0.95 0.00	28.97 -1.36 0.00	32.79 -1.51 0.00	35.32 -1.86 0.00	33.55 -2.33 0.00	33.78 -2.31 0.00	33.51 -2.44 0.00	32.61 -2.16 0.00	31.94 -2.11 0.00	31.16 -1.88 0.00	30.24 -1.86 0.01	32.57 -1.97 0.00	35.71 -2.24 0.00	37.28 -2.00 0.00	40.04 -1.80 0.01	42.53 -1.86 0.00	37.18 -1.75 0.00	31.61 -1.45 0.00	28.74 -0.83 0.00
ROCKVIEW_13_KV_LD 356306	25.61 1.68 0.00	21.74 1.44 0.00	19.21 1.27 0.00	18.51 1.19 0.00	17.78 1.16 0.00	25.46 1.62 0.00	31.91 1.58 0.00	36.46 2.16 0.00	39.63 2.45 0.00	38.57 2.69 0.00	38.76 2.67 0.00	38.65 2.70 0.00	37.44 2.68 0.00	36.68 2.62 0.00	35.58 2.54 0.00	34.61 2.50 0.01	37.26 2.73 0.00	40.95 3.00 0.00	42.20 2.91 0.00	44.90 3.06 0.01	47.64 3.24 0.00	41.66 2.73 0.00	35.28 2.22 0.00	31.58 2.01 0.00
ROME____115KV_TB2 80656	24.75 0.81 0.00	20.95 0.65 0.00	18.48 0.54 0.00	17.82 0.50 0.00	17.16 0.55 0.00	24.72 0.88 0.00	31.21 0.88 0.00	35.20 0.89 0.00	38.26 1.08 0.00	36.74 0.86 0.00	37.10 1.01 0.00	36.82 0.86 0.00	35.53 0.76 0.00	34.70 0.65 0.00	33.67 0.63 0.00	32.71 0.61 0.01	35.29 0.76 0.00	38.98 1.02 0.00	40.55 1.26 0.00	43.35 1.51 0.01	46.08 1.69 0.00	40.29 1.36 0.00	34.06 0.99 0.00	30.61 1.03 0.00
ROSETON___1 23587	25.28 1.34 0.00	21.46 1.16 0.00	18.95 1.00 0.00	18.29 0.97 0.00	17.58 0.96 0.00	25.12 1.29 0.00	31.51 1.18 0.00	35.88 1.58 0.00	39.04 1.86 0.00	37.93 2.04 0.00	38.07 1.98 0.00	37.97 2.01 0.00	36.78 2.02 0.00	36.03 1.97 0.00	34.96 1.92 0.00	34.00 1.89 0.01	36.61 2.07 0.00	40.19 2.24 0.00	41.45 2.16 0.00	44.14 2.30 0.01	46.88 2.48 0.00	40.99 2.06 0.00	34.72 1.65 0.00	31.11 1.54 0.00
ROSETON___2 23588	25.28 1.34 0.00	21.46 1.16 0.00	18.95 1.00 0.00	18.29 0.97 0.00	17.58 0.96 0.00	25.12 1.29 0.00	31.51 1.18 0.00	35.88 1.58 0.00	39.04 1.86 0.00	37.93 2.04 0.00	38.07 1.98 0.00	37.97 2.01 0.00	36.78 2.02 0.00	36.03 1.97 0.00	34.96 1.92 0.00	34.00 1.89 0.01	36.61 2.07 0.00	40.19 2.24 0.00	41.45 2.16 0.00	44.14 2.30 0.01	46.88 2.48 0.00	40.99 2.06 0.00	34.72 1.65 0.00	31.11 1.54 0.00
ROTRDAM_115KV_TB3 80664	24.78 0.84 0.00	21.01 0.71 0.00	18.57 0.63 0.00	17.92 0.61 0.00	17.20 0.58 0.00	24.62 0.79 0.00	31.06 0.73 0.00	35.13 0.82 0.00	38.18 1.00 0.00	36.85 0.97 0.00	37.06 0.97 0.00	36.93 0.97 0.00	35.63 0.87 0.00	34.94 0.89 0.00	33.90 0.86 0.00	32.97 0.87 0.01	35.43 0.90 0.00	38.98 1.02 0.00	40.31 1.02 0.00	43.01 1.17 0.01	45.64 1.24 0.00	40.06 1.13 0.00	34.06 0.99 0.00	30.61 1.03 0.00
RUSSELL___1 23602	23.27 -0.67 0.00	19.81 -0.49 0.00	17.37 -0.57 0.00	16.83 -0.48 0.00	16.13 -0.48 0.00	22.96 -0.88 0.00	29.06 -1.27 0.00	32.93 -1.37 0.00	35.51 -1.67 0.00	33.69 -2.19 0.00	33.96 -2.13 0.00	33.69 -2.27 0.00	32.78 -1.98 0.00	32.11 -1.94 0.00	31.32 -1.72 0.00	30.40 -1.70 0.01	32.74 -1.80 0.00	35.90 -2.05 0.00	37.48 -1.81 0.00	40.29 -1.55 0.01	42.80 -1.60 0.00	37.37 -1.56 0.00	31.78 -1.29 0.00	28.86 -0.71 0.00
RUSSELL___2 23532	23.27 -0.67 0.00	19.81 -0.49 0.00	17.37 -0.57 0.00	16.83 -0.48 0.00	16.13 -0.48 0.00	22.96 -0.88 0.00	29.06 -1.27 0.00	32.93 -1.37 0.00	35.51 -1.67 0.00	33.69 -2.19 0.00	33.96 -2.13 0.00	33.69 -2.27 0.00	32.78 -1.98 0.00	32.11 -1.94 0.00	31.32 -1.72 0.00	30.40 -1.70 0.01	32.74 -1.80 0.00	35.90 -2.05 0.00	37.48 -1.81 0.00	40.29 -1.55 0.01	42.80 -1.60 0.00	37.37 -1.56 0.00	31.78 -1.29 0.00	28.86 -0.71 0.00
RUSSELL___3 23549	23.27 -0.67 0.00	19.81 -0.49 0.00	17.37 -0.57 0.00	16.83 -0.48 0.00	16.13 -0.48 0.00	22.96 -0.88 0.00	29.06 -1.27 0.00	32.93 -1.37 0.00	35.51 -1.67 0.00	33.69 -2.19 0.00	33.96 -2.13 0.00	33.69 -2.27 0.00	32.78 -1.98 0.00	32.11 -1.94 0.00	31.32 -1.72 0.00	30.40 -1.70 0.01	32.74 -1.80 0.00	35.90 -2.05 0.00	37.48 -1.81 0.00	40.29 -1.55 0.01	42.80 -1.60 0.00	37.37 -1.56 0.00	31.78 -1.29 0.00	28.86 -0.71 0.00
RUSSELL___4 23556	23.27 -0.67 0.00	19.81 -0.49 0.00	17.37 -0.57 0.00	16.83 -0.48 0.00	16.13 -0.48 0.00	22.96 -0.88 0.00	29.06 -1.27 0.00	32.93 -1.37 0.00	35.51 -1.67 0.00	33.69 -2.19 0.00	33.96 -2.13 0.00	33.69 -2.27 0.00	32.78 -1.98 0.00	32.11 -1.94 0.00	31.32 -1.72 0.00	30.40 -1.70 0.01	32.74 -1.80 0.00	35.90 -2.05 0.00	37.48 -1.81 0.00	40.29 -1.55 0.01	42.80 -1.60 0.00	37.37 -1.56 0.00	31.78 -1.29 0.00	28.86 -0.71 0.00
RUSSELL___STATION 23914	23.27 -0.67 0.00	19.81 -0.49 0.00	17.37 -0.57 0.00	16.83 -0.48 0.00	16.13 -0.48 0.00	22.96 -0.88 0.00	29.06 -1.27 0.00	32.93 -1.37 0.00	35.51 -1.67 0.00	33.69 -2.19 0.00	33.96 -2.13 0.00	33.69 -2.27 0.00	32.78 -1.98 0.00	32.11 -1.94 0.00	31.32 -1.72 0.00	30.40 -1.70 0.01	32.74 -1.80 0.00	35.90 -2.05 0.00	37.48 -1.81 0.00	40.29 -1.55 0.01	42.80 -1.60 0.00	37.37 -1.56 0.00	31.78 -1.29 0.00	28.86 -0.71 0.00
S SALMON___HYD 24043	23.77 -0.17 0.00	20.16 -0.14 0.00	17.80 -0.14 0.00	17.14 -0.17 0.00	16.50 -0.12 0.00	23.65 -0.19 0.00	29.94 -0.40 0.00	33.65 -0.65 0.00	36.36 -0.82 0.00	34.99 -0.90 0.00	35.26 -0.83 0.00	34.99 -0.97 0.00	33.75 -1.01 0.00	33.03 -1.02 0.00	32.08 -0.96 0.00	31.17 -0.93 0.00	33.46 -1.07 0.00	36.85 -1.10 0.00	38.42 -0.86 0.00	41.14 -0.71 0.00	43.78 -0.62 0.00	38.35 -0.58 0.00	32.57 -0.50 0.00	29.37 -0.21 0.00
S.PERRY___115KV_TB1 80734	23.58 -0.36 0.00	20.06 -0.24 0.00	17.58 -0.36 0.00	17.02 -0.29 0.00	16.35 -0.27 0.00	23.34 -0.50 0.00	29.70 -0.64 0.00	33.69 -0.62 0.00	35.88 -1.30 0.00	33.77 -2.12 0.00	33.85 -2.24 0.00	33.47 -2.48 0.00	32.43 -2.33 0.00	31.81 -2.25 0.00	31.06 -1.98 0.00	30.17 -1.93 0.01	32.60 -1.93 0.00	35.94 -2.01 0.00	37.91 -1.38 0.00	41.17 -0.67 0.01	43.91 -0.49 0.00	38.31 -0.62 0.00	32.44 -0.63 0.00	29.42 -0.15 0.00
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	22.62 -1.32 0.00	19.32 -0.97 0.00	16.86 -1.08 0.00	16.35 -0.97 0.00	15.70 -0.91 0.00	22.22 -1.62 0.00	28.03 -2.31 0.00	31.83 -2.47 0.00	33.91 -3.27 0.00	31.97 -3.91 0.00	32.12 -3.97 0.00	31.78 -4.17 0.00	30.87 -3.89 0.00	30.34 -3.71 0.00	29.67 -3.37 0.00	28.76 -3.34 0.01	31.01 -3.52 0.00	33.93 -4.02 0.00	35.60 -3.69 0.00	38.37 -3.47 0.01	40.89 -3.51 0.00	35.78 -3.15 0.00	30.59 -2.48 0.00	28.00 -1.57 0.00

SAWYER___23_KV_LOAD 55526	22.62 -1.32 0.00	19.32 -0.97 0.00	16.86 -1.08 0.00	16.35 -0.97 0.00	15.70 -0.91 0.00	22.22 -1.62 0.00	28.03 -2.31 0.00	31.83 -2.47 0.00	33.91 -3.27 0.00	31.97 -3.91 0.00	32.12 -3.97 0.00	31.78 -4.17 0.00	30.87 -3.89 0.00	30.34 -3.71 0.00	29.67 -3.37 0.00	28.76 -3.34 0.01	31.01 -3.52 0.00	33.93 -4.02 0.00	35.60 -3.69 0.00	38.37 -3.47 0.01	40.89 -3.51 0.00	35.78 -3.15 0.00	30.59 -2.48 0.00	28.00 -1.57 0.00
SELKIRK___I 23801	24.80 0.86 0.00	21.07 0.77 0.00	18.62 0.68 0.00	17.97 0.66 0.00	17.23 0.62 0.00	24.65 0.81 0.00	30.94 0.61 0.00	34.95 0.65 0.00	37.96 0.78 0.00	36.64 0.75 0.00	36.81 0.72 0.00	36.67 0.72 0.00	35.42 0.66 0.00	34.73 0.68 0.00	33.70 0.66 0.00	32.78 0.68 0.01	35.22 0.69 0.00	38.75 0.80 0.00	40.00 0.71 0.00	42.64 0.79 0.01	45.24 0.84 0.00	39.79 0.86 0.00	33.89 0.83 0.00	30.52 0.95 0.00
SELKIRK___II 23799	24.73 0.79 0.00	21.01 0.71 0.00	18.57 0.63 0.00	17.92 0.61 0.00	17.18 0.57 0.00	24.58 0.74 0.00	30.82 0.48 0.00	34.85 0.55 0.00	37.81 0.63 0.00	36.56 0.68 0.00	36.74 0.65 0.00	36.60 0.65 0.00	35.39 0.63 0.00	34.67 0.61 0.00	33.67 0.63 0.00	32.74 0.64 0.01	35.19 0.65 0.00	38.71 0.76 0.00	39.91 0.63 0.00	42.55 0.71 0.01	45.15 0.75 0.00	39.67 0.74 0.00	33.79 0.73 0.00	30.40 0.83 0.00
SENECA OSWGO___HYD 24041	23.51 -0.43 0.00	19.95 -0.35 0.00	17.62 -0.32 0.00	16.99 -0.33 0.00	16.32 -0.30 0.00	23.36 -0.48 0.00	29.64 -0.70 0.00	33.34 -0.96 0.00	36.07 -1.11 0.00	34.66 -1.22 0.00	34.93 -1.16 0.00	34.73 -1.22 0.00	33.55 -1.22 0.00	32.83 -1.22 0.00	31.88 -1.16 0.00	30.95 -1.15 0.00	33.22 -1.31 0.00	36.55 -1.40 0.00	37.99 -1.30 0.00	40.60 -1.25 0.00	43.11 -1.29 0.00	37.77 -1.17 0.00	32.11 -0.96 0.00	29.04 -0.53 0.00
SENECA___115KV_TB3 355854	22.81 -1.13 0.00	19.47 -0.83 0.00	16.99 -0.95 0.00	16.47 -0.85 0.00	15.82 -0.80 0.00	22.43 -1.41 0.00	28.36 -1.97 0.00	32.28 -2.02 0.00	34.35 -2.83 0.00	32.40 -3.48 0.00	32.55 -3.54 0.00	32.18 -3.78 0.00	31.25 -3.51 0.00	30.72 -3.34 0.00	30.00 -3.04 0.00	29.08 -3.02 0.01	31.36 -3.18 0.00	34.27 -3.68 0.00	36.03 -3.26 0.00	38.91 -2.93 0.01	41.47 -2.93 0.00	36.28 -2.65 0.00	30.95 -2.12 0.00	28.27 -1.30 0.00
SENECA___ENERGY 23797	23.53 -0.41 0.00	19.99 -0.30 0.00	17.64 -0.31 0.00	16.99 -0.33 0.00	16.33 -0.28 0.00	23.36 -0.48 0.00	29.67 -0.67 0.00	33.52 -0.79 0.00	36.21 -0.97 0.00	34.63 -1.26 0.00	34.90 -1.19 0.00	34.59 -1.37 0.00	33.41 -1.36 0.00	32.72 -1.33 0.00	31.78 -1.26 0.00	30.85 -1.25 0.01	33.22 -1.31 0.00	36.55 -1.40 0.00	38.11 -1.18 0.00	40.84 -1.00 0.01	43.29 -1.11 0.00	38.00 -0.93 0.00	32.21 -0.86 0.00	29.16 -0.41 0.00
SHOEMAKER___GT 23640	25.04 1.10 0.00	21.25 0.95 0.00	18.75 0.81 0.00	18.13 0.81 0.00	17.41 0.80 0.00	24.89 1.05 0.00	31.30 0.97 0.00	35.54 1.23 0.00	38.59 1.41 0.00	37.46 1.58 0.00	37.60 1.52 0.00	37.50 1.55 0.00	36.29 1.53 0.00	35.59 1.53 0.00	34.53 1.49 0.00	33.58 1.48 0.01	36.12 1.59 0.00	39.66 1.71 0.00	40.94 1.65 0.00	43.68 1.84 0.01	46.40 2.00 0.00	40.64 1.71 0.00	34.39 1.32 0.00	30.81 1.24 0.00
SHOEMAKR_138KV_BK 111 55601	25.04 1.10 0.00	21.25 0.95 0.00	18.77 0.83 0.00	18.13 0.81 0.00	17.41 0.80 0.00	24.89 1.05 0.00	31.27 0.94 0.00	35.54 1.23 0.00	38.63 1.45 0.00	37.50 1.61 0.00	37.64 1.55 0.00	37.54 1.58 0.00	36.33 1.56 0.00	35.59 1.53 0.00	34.53 1.49 0.00	33.58 1.48 0.01	36.16 1.62 0.00	39.70 1.75 0.00	40.94 1.65 0.00	43.64 1.80 0.01	46.35 1.95 0.00	40.65 1.71 0.00	34.39 1.32 0.00	30.81 1.24 0.00
SHOREHAM_IC_1 23715	26.24 2.30 -0.01	22.17 1.87 0.00	19.73 1.78 -0.01	19.03 1.71 0.00	18.24 1.63 0.00	26.24 2.41 0.00	32.30 1.97 0.00	37.06 2.75 -0.01	40.20 3.01 -0.01	39.05 3.16 -0.01	39.39 2.92 -0.39	40.20 3.09 -1.15	39.49 3.06 -1.67	39.61 3.03 -2.53	40.25 2.91 -4.31	40.95 2.89 -5.95	41.02 3.21 -3.28	42.48 3.53 -1.00	43.76 3.54 -0.94	46.49 3.81 -0.82	49.42 4.00 -1.03	44.23 3.43 -1.87	39.55 2.91 -3.58	33.93 2.63 -1.72
SHOREHAM_IC_2 23716	26.24 2.30 -0.01	22.17 1.87 0.00	19.85 1.90 -0.01	19.03 1.71 0.00	18.24 1.63 0.00	26.24 2.41 0.00	32.30 1.97 0.00	37.06 2.74 -0.01	40.20 3.01 -0.01	39.05 3.16 -0.01	39.43 2.96 -0.39	40.19 3.09 -1.15	39.49 3.06 -1.67	39.62 3.03 -2.53	40.25 2.91 -4.31	40.92 2.86 -5.95	41.02 3.21 -3.28	42.48 3.53 -1.00	43.76 3.54 -0.94	46.40 3.72 -0.82	49.33 3.91 -1.03	44.19 3.39 -1.87	39.55 2.91 -3.58	33.93 2.63 -1.72
SISSONVILLE____ 23735	22.81 -1.13 0.00	19.32 -0.97 0.00	17.12 -0.83 0.00	16.54 -0.78 0.00	15.80 -0.81 0.00	22.96 -0.88 0.00	29.94 -0.39 0.00	33.86 -0.45 0.00	36.66 -0.52 0.00	35.38 -0.50 0.00	35.58 -0.51 0.00	35.49 -0.47 0.00	34.28 -0.49 0.00	33.51 -0.54 0.00	32.45 -0.59 0.00	31.59 -0.51 0.00	34.05 -0.48 0.00	37.50 -0.46 0.00	38.93 -0.35 0.00	41.35 -0.50 0.00	43.69 -0.71 0.00	38.39 -0.55 0.00	32.44 -0.63 0.00	28.39 -1.18 0.00
SITHE_IND_GS1 24169	23.34 -0.60 0.00	19.79 -0.51 0.00	17.49 -0.45 0.00	16.87 -0.45 0.00	16.20 -0.41 0.00	23.17 -0.67 0.00	29.39 -0.94 0.00	33.00 -1.30 0.00	35.69 -1.49 0.00	34.34 -1.54 0.00	34.61 -1.48 0.00	34.37 -1.58 0.00	33.27 -1.49 0.00	32.59 -1.46 0.00	31.65 -1.39 0.00	30.67 -1.41 0.03	33.01 -1.52 0.00	36.28 -1.67 0.00	37.64 -1.65 0.00	40.18 -1.63 0.04	42.66 -1.73 0.00	37.41 -1.52 0.00	31.78 -1.29 0.00	28.80 -0.77 0.00
SITHE_IND_GS2 24170	23.34 -0.60 0.00	19.79 -0.51 0.00	17.49 -0.45 0.00	16.87 -0.45 0.00	16.20 -0.41 0.00	23.17 -0.67 0.00	29.39 -0.94 0.00	33.00 -1.30 0.00	35.69 -1.49 0.00	34.34 -1.54 0.00	34.61 -1.48 0.00	34.37 -1.58 0.00	33.27 -1.49 0.00	32.59 -1.46 0.00	31.65 -1.39 0.00	30.67 -1.41 0.03	33.01 -1.52 0.00	36.28 -1.67 0.00	37.64 -1.65 0.00	40.18 -1.63 0.04	42.66 -1.73 0.00	37.41 -1.52 0.00	31.78 -1.29 0.00	28.80 -0.77 0.00
SITHE_IND_GS3 24171	23.34 -0.60 0.00	19.79 -0.51 0.00	17.49 -0.45 0.00	16.87 -0.45 0.00	16.20 -0.41 0.00	23.17 -0.67 0.00	29.39 -0.94 0.00	33.00 -1.30 0.00	35.69 -1.49 0.00	34.34 -1.54 0.00	34.61 -1.48 0.00	34.37 -1.58 0.00	33.27 -1.49 0.00	32.59 -1.46 0.00	31.65 -1.39 0.00	30.67 -1.41 0.03	33.01 -1.52 0.00	36.28 -1.67 0.00	37.64 -1.65 0.00	40.18 -1.63 0.04	42.66 -1.73 0.00	37.41 -1.52 0.00	31.78 -1.29 0.00	28.80 -0.77 0.00
SITHE_IND_GS4 24172	23.34 -0.60 0.00	19.79 -0.51 0.00	17.49 -0.45 0.00	16.87 -0.45 0.00	16.20 -0.41 0.00	23.17 -0.67 0.00	29.39 -0.94 0.00	33.00 -1.30 0.00	35.69 -1.49 0.00	34.34 -1.54 0.00	34.61 -1.48 0.00	34.37 -1.58 0.00	33.27 -1.49 0.00	32.59 -1.46 0.00	31.65 -1.39 0.00	30.67 -1.41 0.03	33.01 -1.52 0.00	36.28 -1.67 0.00	37.64 -1.65 0.00	40.18 -1.63 0.04	42.66 -1.73 0.00	37.41 -1.52 0.00	31.78 -1.29 0.00	28.80 -0.77 0.00

SITHE____BATAVIA 24024	23.17 -0.77 0.00	19.71 -0.59 0.00	17.35 -0.59 0.00	16.74 -0.57 0.00	16.05 -0.56 0.00	22.79 -1.05 0.00	28.85 -1.49 0.00	32.76 -1.54 0.00	35.14 -2.04 0.00	33.01 -2.87 0.00	33.42 -2.67 0.00	32.83 -3.13 0.00	32.05 -2.71 0.00	31.40 -2.66 0.00	30.66 -2.38 0.00	29.76 -2.34 0.01	32.08 -2.45 0.00	35.22 -2.73 0.00	36.97 -2.32 0.00	39.92 -1.92 0.01	42.44 -1.95 0.00	37.10 -1.83 0.00	31.55 -1.52 0.00	28.77 -0.80 0.00
SITHE____INDEPEND 23800	23.32 -0.62 0.00	19.79 -0.51 0.00	17.47 -0.47 0.00	16.87 -0.45 0.00	16.20 -0.42 0.00	23.17 -0.67 0.00	29.39 -0.94 0.00	33.00 -1.30 0.00	35.69 -1.49 0.00	34.34 -1.54 0.00	34.57 -1.52 0.00	34.37 -1.58 0.00	33.27 -1.49 0.00	32.59 -1.46 0.00	31.65 -1.39 0.00	30.67 -1.41 0.03	33.01 -1.52 0.00	36.28 -1.67 0.00	37.64 -1.65 0.00	40.19 -1.63 0.04	42.67 -1.73 0.00	37.41 -1.52 0.00	31.78 -1.29 0.00	28.80 -0.77 0.00
SITHE____MASSENA 23902	23.43 -0.50 0.00	19.87 -0.43 0.00	17.58 -0.36 0.00	17.00 -0.31 0.00	16.23 -0.38 0.00	23.50 -0.33 0.00	30.57 0.24 0.00	34.61 0.31 0.00	37.48 0.30 0.00	36.21 0.32 0.00	36.37 0.29 0.00	36.35 0.40 0.00	35.11 0.35 0.00	34.36 0.31 0.00	33.30 0.26 0.00	32.36 0.26 0.00	34.88 0.35 0.00	38.29 0.34 0.00	39.72 0.43 0.00	42.14 0.30 0.00	44.53 0.13 0.00	39.17 0.24 0.00	33.20 0.13 0.00	29.16 -0.41 0.00
SITHE____OGDNSBRG 24021	23.53 -0.41 0.00	19.93 -0.37 0.00	17.64 -0.30 0.00	17.04 -0.28 0.00	16.30 -0.32 0.00	23.69 -0.14 0.00	30.88 0.55 0.00	34.85 0.55 0.00	37.63 0.45 0.00	36.24 0.36 0.00	36.41 0.32 0.00	36.31 0.36 0.00	35.01 0.24 0.00	34.22 0.17 0.00	33.17 0.13 0.00	32.33 0.22 0.00	34.88 0.35 0.00	38.48 0.53 0.00	40.15 0.86 0.00	42.69 0.84 0.00	45.20 0.80 0.00	39.67 0.74 0.00	33.53 0.46 0.00	29.33 -0.24 0.00
SITHE____STERLING 23777	24.58 0.65 0.00	20.83 0.53 0.00	18.39 0.45 0.00	17.71 0.40 0.00	17.05 0.43 0.00	24.50 0.67 0.00	30.97 0.64 0.00	34.95 0.65 0.00	37.92 0.74 0.00	36.42 0.54 0.00	36.74 0.65 0.00	36.50 0.54 0.00	35.21 0.45 0.00	34.43 0.38 0.00	33.40 0.36 0.00	32.46 0.35 0.01	34.98 0.45 0.00	38.60 0.64 0.00	40.11 0.83 0.00	42.89 1.05 0.01	45.60 1.20 0.00	39.91 0.97 0.00	33.76 0.70 0.00	30.40 0.83 0.00
SLEIGHT__34_KV_TB1 80719	23.24 -0.69 0.00	19.77 -0.53 0.00	17.37 -0.57 0.00	16.80 -0.52 0.00	16.12 -0.50 0.00	23.00 -0.83 0.00	29.18 -1.15 0.00	33.03 -1.27 0.00	35.73 -1.45 0.00	34.05 -1.83 0.00	34.28 -1.80 0.00	34.05 -1.91 0.00	32.99 -1.77 0.00	32.28 -1.77 0.00	31.45 -1.59 0.00	30.53 -1.57 0.01	32.84 -1.69 0.00	36.05 -1.90 0.00	37.60 -1.69 0.00	40.34 -1.51 0.01	42.84 -1.55 0.00	37.45 -1.48 0.00	31.78 -1.29 0.00	28.80 -0.77 0.00
SMITHTWN_69_KV_BK 1 55830	26.32 2.37 -0.01	22.23 1.93 0.00	19.80 1.85 -0.01	18.98 1.66 0.00	18.21 1.59 0.00	26.17 2.34 0.00	32.46 2.12 0.00	37.23 2.92 -0.01	40.42 3.23 -0.01	39.27 3.37 -0.01	39.66 3.18 -0.40	40.46 3.31 -1.20	39.77 3.27 -1.73	39.92 3.24 -2.63	40.52 3.11 -4.37	41.20 3.05 -6.04	41.27 3.38 -3.35	42.67 3.68 -1.04	43.92 3.65 -0.98	46.56 3.85 -0.86	49.51 4.04 -1.07	44.39 3.50 -1.95	39.71 3.04 -3.61	34.03 2.72 -1.73
SOUTH CAIRO____GT 23612	25.33 1.39 0.00	21.52 1.22 0.00	18.98 1.04 0.00	18.34 1.02 0.00	17.56 0.95 0.00	25.20 1.36 0.00	31.55 1.21 0.00	35.50 1.20 0.00	38.44 1.26 0.00	37.14 1.26 0.00	37.13 1.05 0.00	36.96 1.01 0.00	35.60 0.83 0.00	34.90 0.85 0.00	33.87 0.83 0.00	32.97 0.87 0.01	35.50 0.97 0.00	39.24 1.29 0.00	40.66 1.38 0.00	43.52 1.67 0.01	46.22 1.82 0.00	40.72 1.79 0.00	34.59 1.52 0.00	31.11 1.54 0.00
SOUTH HAMPTN____IC 23720	26.44 2.49 -0.01	22.33 2.03 0.00	19.83 1.88 -0.01	19.15 1.83 0.00	18.33 1.71 0.00	26.34 2.50 0.00	32.42 2.09 0.00	37.23 2.91 -0.01	40.39 3.20 -0.01	39.26 3.37 -0.01	39.53 3.07 -0.38	40.32 3.24 -1.13	39.67 3.27 -1.64	39.75 3.20 -2.50	40.40 3.07 -4.28	41.05 3.02 -5.92	41.14 3.35 -3.25	42.66 3.72 -0.98	43.99 3.77 -0.93	46.68 4.02 -0.81	49.63 4.22 -1.02	44.36 3.58 -1.85	39.71 3.08 -3.57	34.10 2.81 -1.72
SOUTHDOWN_115KV_TB1 355954	22.81 -1.13 0.00	19.47 -0.83 0.00	17.01 -0.93 0.00	16.57 -0.74 0.00	15.97 -0.65 0.00	22.79 -1.05 0.00	29.00 -1.33 0.00	33.21 -1.10 0.00	35.40 -1.78 0.00	33.37 -2.51 0.00	33.52 -2.56 0.00	33.04 -2.91 0.00	32.05 -2.71 0.00	31.36 -2.69 0.00	30.53 -2.51 0.00	29.50 -2.60 0.01	31.77 -2.76 0.00	34.69 -3.26 0.00	36.62 -2.67 0.00	39.62 -2.22 0.01	42.44 -1.95 0.00	37.06 -1.87 0.00	31.41 -1.65 0.00	28.68 -0.89 0.00
SOUTHOLD_69_KV_BK 2 55809	26.63 2.68 -0.01	22.47 2.17 0.00	19.96 2.01 -0.01	19.25 1.94 0.00	18.41 1.79 0.00	26.39 2.55 0.00	32.42 2.09 0.00	37.26 2.95 -0.01	40.42 3.23 -0.01	39.34 3.45 -0.01	39.46 2.99 -0.38	40.29 3.20 -1.13	39.68 3.27 -1.64	39.79 3.24 -2.50	40.37 3.04 -4.29	40.95 2.92 -5.92	41.10 3.32 -3.26	42.65 3.72 -0.98	44.10 3.89 -0.93	46.73 4.06 -0.81	49.54 4.13 -1.02	44.28 3.50 -1.85	39.74 3.11 -3.57	34.28 2.99 -1.72
SOUTHOLD____IC 23719	26.63 2.68 -0.01	22.47 2.17 0.00	19.96 2.01 -0.01	19.25 1.94 0.00	18.41 1.79 0.00	26.39 2.55 0.00	32.42 2.09 0.00	37.26 2.95 -0.01	40.42 3.23 -0.01	39.34 3.45 -0.01	39.46 2.99 -0.38	40.29 3.20 -1.13	39.68 3.27 -1.64	39.79 3.24 -2.50	40.36 3.04 -4.29	40.98 2.95 -5.92	41.07 3.28 -3.26	42.62 3.68 -0.98	44.11 3.89 -0.93	46.81 4.14 -0.81	49.68 4.26 -1.02	44.40 3.62 -1.85	39.74 3.11 -3.57	34.28 2.99 -1.72
SOUTH_FORK_WT_PWR 323839	26.56 2.61 -0.01	22.41 2.11 0.00	19.92 1.97 -0.01	19.22 1.90 0.00	18.34 1.73 0.00	26.24 2.41 0.00	32.18 1.85 0.00	36.99 2.68 -0.01	40.09 2.90 -0.01	39.05 3.16 -0.01	39.03 2.56 -0.38	39.86 2.77 -1.13	39.33 2.92 -1.64	39.48 2.93 -2.50	40.04 2.71 -4.29	40.60 2.57 -5.92	40.69 2.90 -3.25	42.20 3.26 -0.98	43.71 3.50 -0.93	46.35 3.68 -0.81	49.19 3.77 -1.02	43.97 3.19 -1.85	39.44 2.81 -3.57	34.07 2.78 -1.72
SPIERFLS_115KV_TB 1 80737	25.16 1.22 0.00	21.29 0.99 0.00	18.82 0.88 0.00	18.15 0.83 0.00	17.43 0.81 0.00	24.98 1.14 0.00	31.58 1.24 0.00	35.74 1.44 0.00	38.93 1.75 0.00	37.46 1.58 0.00	37.75 1.66 0.00	37.65 1.69 0.00	36.22 1.46 0.00	35.55 1.50 0.00	34.43 1.39 0.00	33.52 1.41 0.01	35.98 1.45 0.00	39.66 1.71 0.00	41.06 1.77 0.00	43.93 2.09 0.01	46.57 2.18 0.00	40.92 1.99 0.00	34.72 1.65 0.00	31.14 1.57 0.00
ST LAWRENCE____ 23600	23.36 -0.57 0.00	19.79 -0.51 0.00	17.51 -0.43 0.00	16.93 -0.38 0.00	16.20 -0.41 0.00	23.38 -0.45 0.00	30.27 -0.06 0.00	34.27 -0.03 0.00	37.14 -0.04 0.00	35.88 0.00 0.00	36.05 -0.04 0.00	35.99 0.04 0.00	34.76 0.00 0.00	34.05 0.00 0.00	33.01 -0.03 0.00	32.04 -0.06 0.00	34.53 0.00 0.00	37.95 0.00 0.00	39.33 0.04 0.00	41.68 -0.17 0.00	44.18 -0.22 0.00	38.78 -0.16 0.00	32.87 -0.20 0.00	29.04 -0.53 0.00

STATE_CA_115KV_115_LB 55624	24.85 0.91 0.00	21.11 0.81 0.00	18.66 0.72 0.00	17.99 0.68 0.00	17.25 0.63 0.00	24.67 0.83 0.00	30.88 0.55 0.00	34.89 0.58 0.00	37.92 0.74 0.00	36.64 0.75 0.00	36.81 0.72 0.00	36.71 0.76 0.00	35.46 0.70 0.00	34.80 0.75 0.00	33.77 0.73 0.00	32.84 0.74 0.01	35.26 0.73 0.00	38.79 0.83 0.00	40.00 0.71 0.00	42.55 0.71 0.01	45.11 0.71 0.00	39.71 0.78 0.00	33.86 0.79 0.00	30.46 0.89 0.00
STATE_ST_34_KV_LOAD 55959	23.77 -0.17 0.00	20.20 -0.10 0.00	17.80 -0.14 0.00	17.18 -0.14 0.00	16.50 -0.12 0.00	23.62 -0.21 0.00	29.97 -0.36 0.00	33.82 -0.48 0.00	36.73 -0.45 0.00	35.13 -0.75 0.00	35.37 -0.72 0.00	35.16 -0.79 0.00	33.83 -0.94 0.00	33.13 -0.92 0.00	32.21 -0.83 0.00	31.27 -0.83 0.01	33.64 -0.90 0.00	37.04 -0.91 0.00	38.58 -0.71 0.00	41.30 -0.54 0.00	43.86 -0.53 0.00	38.43 -0.51 0.00	32.54 -0.53 0.00	29.42 -0.15 0.00
STATION_5_MISC_HYD 23604	23.22 -0.72 0.00	19.73 -0.57 0.00	17.40 -0.54 0.00	16.76 -0.55 0.00	16.08 -0.53 0.00	22.88 -0.95 0.00	28.97 -1.36 0.00	32.79 -1.51 0.00	35.32 -1.86 0.00	33.55 -2.33 0.00	33.99 -2.09 0.00	33.51 -2.45 0.00	32.64 -2.12 0.00	31.97 -2.08 0.00	31.16 -1.88 0.00	30.27 -1.83 0.01	32.57 -1.97 0.00	35.75 -2.20 0.00	37.29 -2.00 0.00	40.00 -1.84 0.01	42.49 -1.91 0.00	37.18 -1.75 0.00	31.61 -1.45 0.00	28.74 -0.83 0.00
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	23.34 -0.60 0.00	19.85 -0.45 0.00	17.46 -0.48 0.00	16.88 -0.43 0.00	16.20 -0.42 0.00	23.12 -0.72 0.00	29.30 -1.03 0.00	33.21 -1.10 0.00	35.84 -1.34 0.00	34.09 -1.79 0.00	34.32 -1.77 0.00	34.09 -1.87 0.00	33.03 -1.74 0.00	32.35 -1.70 0.00	31.52 -1.52 0.00	30.59 -1.51 0.01	32.94 -1.59 0.00	36.17 -1.78 0.00	37.76 -1.53 0.00	40.50 -1.34 0.01	43.06 -1.33 0.00	37.65 -1.28 0.00	31.94 -1.12 0.00	28.95 -0.62 0.00
STA_56_34_KV_BUS2_REV_LBMP_B 345033	23.10 -0.84 0.00	19.65 -0.65 0.00	17.26 -0.68 0.00	16.69 -0.62 0.00	16.02 -0.60 0.00	22.79 -1.05 0.00	28.85 -1.49 0.00	32.69 -1.61 0.00	35.25 -1.93 0.00	33.51 -2.37 0.00	33.74 -2.35 0.00	33.47 -2.48 0.00	32.57 -2.19 0.00	31.91 -2.15 0.00	31.09 -1.95 0.00	30.21 -1.89 0.01	32.50 -2.04 0.00	35.64 -2.32 0.00	37.21 -2.08 0.00	39.92 -1.93 0.01	42.40 -2.00 0.00	37.06 -1.87 0.00	31.51 -1.55 0.00	28.63 -0.95 0.00
STA_56___34_KV_BUS2 355983	23.10 -0.84 0.00	19.65 -0.65 0.00	17.26 -0.68 0.00	16.69 -0.62 0.00	16.02 -0.60 0.00	22.79 -1.05 0.00	28.85 -1.49 0.00	32.69 -1.61 0.00	35.25 -1.93 0.00	33.51 -2.37 0.00	33.74 -2.35 0.00	33.47 -2.48 0.00	32.57 -2.19 0.00	31.91 -2.15 0.00	31.09 -1.95 0.00	30.21 -1.89 0.01	32.50 -2.04 0.00	35.64 -2.32 0.00	37.21 -2.08 0.00	39.92 -1.93 0.01	42.40 -2.00 0.00	37.06 -1.87 0.00	31.51 -1.55 0.00	28.63 -0.95 0.00
STA_67___115KV_BK2 355882	23.15 -0.79 0.00	19.71 -0.59 0.00	17.30 -0.65 0.00	16.74 -0.57 0.00	16.07 -0.55 0.00	22.84 -1.00 0.00	28.91 -1.43 0.00	32.73 -1.58 0.00	35.25 -1.93 0.00	33.48 -2.40 0.00	33.71 -2.38 0.00	33.44 -2.52 0.00	32.54 -2.22 0.00	31.87 -2.18 0.00	31.09 -1.95 0.00	30.17 -1.93 0.01	32.50 -2.04 0.00	35.64 -2.32 0.00	37.21 -2.08 0.00	39.96 -1.88 0.01	42.44 -1.95 0.00	37.10 -1.83 0.00	31.54 -1.52 0.00	28.68 -0.89 0.00
STA_7___115KV_9TRANS 80674	23.27 -0.67 0.00	19.81 -0.49 0.00	17.37 -0.57 0.00	16.83 -0.48 0.00	16.13 -0.48 0.00	22.96 -0.88 0.00	29.06 -1.27 0.00	32.93 -1.37 0.00	35.51 -1.67 0.00	33.69 -2.19 0.00	33.96 -2.13 0.00	33.69 -2.27 0.00	32.78 -1.98 0.00	32.11 -1.94 0.00	31.32 -1.72 0.00	30.40 -1.70 0.01	32.74 -1.80 0.00	35.90 -2.05 0.00	37.48 -1.81 0.00	40.29 -1.55 0.01	42.80 -1.60 0.00	37.37 -1.56 0.00	31.78 -1.29 0.00	28.86 -0.71 0.00
STA_82___115KV_TB1 80780	23.17 -0.77 0.00	19.71 -0.59 0.00	17.30 -0.65 0.00	16.74 -0.57 0.00	16.07 -0.55 0.00	22.84 -1.00 0.00	28.91 -1.43 0.00	32.73 -1.58 0.00	35.25 -1.93 0.00	33.48 -2.40 0.00	33.71 -2.38 0.00	33.44 -2.52 0.00	32.54 -2.22 0.00	31.87 -2.18 0.00	31.09 -1.95 0.00	30.17 -1.93 0.01	32.50 -2.04 0.00	35.64 -2.32 0.00	37.21 -2.08 0.00	39.96 -1.88 0.01	42.44 -1.95 0.00	37.10 -1.83 0.00	31.58 -1.49 0.00	28.68 -0.89 0.00
STEEL___WIND 323596	22.81 -1.12 0.00	19.45 -0.85 0.00	17.10 -0.84 0.00	16.47 -0.85 0.00	15.80 -0.81 0.00	22.41 -1.43 0.00	28.33 -2.00 0.00	32.25 -2.06 0.00	34.32 -2.86 0.00	32.37 -3.52 0.00	32.77 -3.32 0.00	32.14 -3.81 0.00	31.29 -3.48 0.00	30.72 -3.34 0.00	29.93 -3.11 0.00	29.05 -3.05 0.01	31.29 -3.25 0.00	34.27 -3.68 0.00	35.99 -3.30 0.00	38.79 -3.05 0.01	41.33 -3.06 0.00	36.25 -2.69 0.00	30.92 -2.15 0.00	28.24 -1.33 0.00
STEPHTWN_115KV_BK_2 55603	24.99 1.05 0.00	21.23 0.93 0.00	18.77 0.83 0.00	18.10 0.78 0.00	17.35 0.73 0.00	24.81 0.98 0.00	31.09 0.76 0.00	35.13 0.82 0.00	38.18 1.00 0.00	36.85 0.97 0.00	37.06 0.97 0.00	36.93 0.97 0.00	35.63 0.87 0.00	34.97 0.92 0.00	33.93 0.89 0.00	33.03 0.93 0.01	35.47 0.93 0.00	39.01 1.06 0.00	40.27 0.98 0.00	42.89 1.05 0.01	45.46 1.07 0.00	40.02 1.09 0.00	34.09 1.03 0.00	30.67 1.09 0.00
STEBEN_REC_LFGE 323667	23.08 -0.86 0.00	19.67 -0.63 0.00	17.24 -0.70 0.00	16.69 -0.62 0.00	16.07 -0.55 0.00	23.03 -0.81 0.00	29.39 -0.94 0.00	33.41 -0.89 0.00	36.77 -0.41 0.00	34.70 -1.18 0.00	34.75 -1.34 0.00	34.37 -1.58 0.00	33.06 -1.70 0.00	32.32 -1.74 0.00	31.32 -1.72 0.00	30.27 -1.83 0.01	32.67 -1.86 0.00	36.13 -1.82 0.00	38.15 -1.14 0.00	41.30 -0.54 0.01	44.09 -0.31 0.00	38.50 -0.43 0.00	32.34 -0.73 0.00	29.22 -0.35 0.00
STILLWATER___SOLAR 323814	25.18 1.24 0.00	21.33 1.03 0.00	18.86 0.91 0.00	18.18 0.87 0.00	17.46 0.85 0.00	25.01 1.17 0.00	31.55 1.21 0.00	35.68 1.37 0.00	38.78 1.60 0.00	37.35 1.47 0.00	37.64 1.55 0.00	37.50 1.55 0.00	36.16 1.39 0.00	35.45 1.40 0.00	34.36 1.32 0.00	33.45 1.35 0.01	35.92 1.38 0.00	39.55 1.59 0.00	40.90 1.61 0.00	43.73 1.89 0.01	46.35 1.95 0.00	40.72 1.79 0.00	34.65 1.59 0.00	31.14 1.57 0.00
STONY___BROOK 24151	26.32 2.37 -0.01	22.25 1.95 0.00	19.69 1.74 -0.01	19.00 1.68 0.00	18.23 1.61 0.00	26.20 2.36 0.00	32.46 2.12 0.00	37.23 2.91 -0.01	40.42 3.23 -0.01	39.26 3.37 -0.01	39.62 3.14 -0.40	40.44 3.31 -1.18	39.74 3.27 -1.71	39.85 3.20 -2.60	40.49 3.10 -4.35	41.20 3.08 -6.01	41.28 3.42 -3.33	42.66 3.68 -1.02	43.91 3.65 -0.97	46.63 3.93 -0.85	49.63 4.17 -1.06	44.40 3.54 -1.92	39.70 3.04 -3.60	34.02 2.72 -1.73
STURGEON_POOL_HYD 23609	25.47 1.53 0.00	21.62 1.32 0.00	19.09 1.15 0.00	18.42 1.11 0.00	17.69 1.08 0.00	25.32 1.48 0.00	31.73 1.40 0.00	36.16 1.85 0.00	39.34 2.16 0.00	38.29 2.40 0.00	38.43 2.35 0.00	38.33 2.37 0.00	37.09 2.33 0.00	36.33 2.28 0.00	35.25 2.21 0.00	34.29 2.18 0.01	36.95 2.42 0.00	40.53 2.58 0.00	41.80 2.51 0.00	44.52 2.68 0.01	47.28 2.89 0.00	41.38 2.45 0.00	34.98 1.92 0.00	31.35 1.77 0.00

ST_LAW_115_BK7_LBMP 345037	23.32 -0.62 0.00	19.77 -0.53 0.00	17.49 -0.45 0.00	16.90 -0.42 0.00	16.17 -0.45 0.00	23.36 -0.48 0.00	30.27 -0.06 0.00	34.30 0.00 0.00	37.14 -0.04 0.00	35.88 0.00 0.00	36.05 -0.04 0.00	36.03 0.07 0.00	34.80 0.03 0.00	34.05 0.00 0.00	33.01 -0.03 0.00	32.08 -0.03 0.00	34.53 0.00 0.00	37.95 0.00 0.00	39.33 0.04 0.00	41.68 -0.17 0.00	44.18 -0.22 0.00	38.78 -0.16 0.00	32.87 -0.20 0.00	29.01 -0.56 0.00
ST_LAW_115_BK8_LBMP 345038	23.32 -0.62 0.00	19.77 -0.53 0.00	17.49 -0.45 0.00	16.90 -0.42 0.00	16.17 -0.45 0.00	23.36 -0.48 0.00	30.27 -0.06 0.00	34.30 0.00 0.00	37.14 -0.04 0.00	35.88 0.00 0.00	36.05 -0.04 0.00	36.03 0.07 0.00	34.80 0.03 0.00	34.05 0.00 0.00	33.01 -0.03 0.00	32.08 -0.03 0.00	34.53 0.00 0.00	37.95 0.00 0.00	39.33 0.04 0.00	41.68 -0.17 0.00	44.18 -0.22 0.00	38.78 -0.16 0.00	32.87 -0.20 0.00	29.01 -0.56 0.00
ST_LAW_230_BK5_LBMP 345035	23.36 -0.57 0.00	19.79 -0.51 0.00	17.51 -0.43 0.00	16.93 -0.38 0.00	16.20 -0.41 0.00	23.38 -0.45 0.00	30.27 -0.06 0.00	34.27 -0.03 0.00	37.14 -0.04 0.00	35.88 0.00 0.00	36.05 -0.04 0.00	35.99 0.04 0.00	34.76 0.00 0.00	34.05 0.00 0.00	33.01 -0.03 0.00	32.04 -0.06 0.00	34.53 0.00 0.00	37.95 0.00 0.00	39.33 0.04 0.00	41.68 -0.17 0.00	44.18 -0.22 0.00	38.78 -0.16 0.00	32.87 -0.20 0.00	29.04 -0.53 0.00
ST_LAW_230_BK6_LBMP 345036	23.36 -0.57 0.00	19.79 -0.51 0.00	17.51 -0.43 0.00	16.93 -0.38 0.00	16.20 -0.41 0.00	23.38 -0.45 0.00	30.27 -0.06 0.00	34.27 -0.03 0.00	37.14 -0.04 0.00	35.88 0.00 0.00	36.05 -0.04 0.00	35.99 0.04 0.00	34.76 0.00 0.00	34.05 0.00 0.00	33.01 -0.03 0.00	32.04 -0.06 0.00	34.53 0.00 0.00	37.95 0.00 0.00	39.33 0.04 0.00	41.68 -0.17 0.00	44.18 -0.22 0.00	38.78 -0.16 0.00	32.87 -0.20 0.00	29.04 -0.53 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	25.16 1.22 0.00	21.33 1.04 0.00	18.86 0.91 0.00	18.20 0.88 0.00	17.49 0.88 0.00	25.01 1.17 0.00	31.39 1.06 0.00	35.71 1.41 0.00	38.82 1.64 0.00	37.71 1.83 0.00	37.86 1.77 0.00	37.75 1.80 0.00	36.54 1.77 0.00	35.82 1.77 0.00	34.76 1.72 0.00	33.80 1.70 0.01	36.40 1.86 0.00	39.96 2.01 0.00	41.21 1.93 0.00	43.89 2.05 0.01	46.62 2.22 0.00	40.84 1.91 0.00	34.52 1.45 0.00	30.93 1.36 0.00
SWANROAD_115KV_TB1 355699	22.19 -1.75 0.00	18.96 -1.34 0.00	16.54 -1.40 0.00	16.03 -1.28 0.00	15.40 -1.21 0.00	21.74 -2.10 0.00	27.42 -2.91 0.00	31.08 -3.22 0.00	33.09 -4.09 0.00	31.15 -4.74 0.00	31.29 -4.80 0.00	30.96 -5.00 0.00	30.11 -4.66 0.00	29.59 -4.46 0.00	28.98 -4.06 0.00	28.09 -4.01 0.01	30.29 -4.25 0.00	33.13 -4.82 0.00	34.77 -4.52 0.00	37.53 -4.31 0.01	39.91 -4.48 0.00	34.92 -4.01 0.00	29.96 -3.11 0.00	27.44 -2.13 0.00
SYNERGY___BIOGAS 323694	23.15 -0.79 0.00	19.73 -0.57 0.00	17.24 -0.70 0.00	16.74 -0.57 0.00	16.05 -0.56 0.00	22.76 -1.07 0.00	28.85 -1.49 0.00	32.76 -1.54 0.00	35.14 -2.04 0.00	33.01 -2.87 0.00	33.16 -2.92 0.00	32.83 -3.13 0.00	32.02 -2.75 0.00	31.36 -2.69 0.00	30.66 -2.38 0.00	29.72 -2.38 0.01	32.08 -2.45 0.00	35.18 -2.77 0.00	36.97 -2.32 0.00	39.96 -1.88 0.01	42.53 -1.86 0.00	37.10 -1.83 0.00	31.54 -1.52 0.00	28.77 -0.80 0.00
SYRACUSE___ENERGY_ST1 323597	23.79 -0.14 0.00	20.22 -0.08 0.00	17.82 -0.13 0.00	17.19 -0.12 0.00	16.51 -0.10 0.00	23.65 -0.19 0.00	30.00 -0.33 0.00	33.79 -0.51 0.00	36.55 -0.63 0.00	35.09 -0.79 0.00	35.33 -0.76 0.00	35.16 -0.79 0.00	33.93 -0.83 0.00	33.24 -0.82 0.00	32.28 -0.76 0.00	31.34 -0.77 0.00	33.70 -0.83 0.00	37.08 -0.87 0.00	38.54 -0.75 0.00	41.18 -0.67 0.00	43.73 -0.67 0.00	38.31 -0.62 0.00	32.50 -0.56 0.00	29.42 -0.15 0.00
SYRACUSE___ENERGY_ST2 323598	23.79 -0.14 0.00	20.22 -0.08 0.00	17.82 -0.13 0.00	17.19 -0.12 0.00	16.51 -0.10 0.00	23.65 -0.19 0.00	30.00 -0.33 0.00	33.79 -0.51 0.00	36.55 -0.63 0.00	35.09 -0.79 0.00	35.33 -0.76 0.00	35.16 -0.79 0.00	33.93 -0.83 0.00	33.24 -0.82 0.00	32.28 -0.76 0.00	31.34 -0.77 0.00	33.70 -0.83 0.00	37.08 -0.87 0.00	38.54 -0.75 0.00	41.18 -0.67 0.00	43.73 -0.67 0.00	38.31 -0.62 0.00	32.50 -0.56 0.00	29.42 -0.15 0.00
SYRACUSE___POWER 24017	23.87 -0.07 0.00	20.26 -0.04 0.00	17.87 -0.07 0.00	17.23 -0.09 0.00	16.56 -0.05 0.00	23.69 -0.14 0.00	30.06 -0.27 0.00	33.86 -0.45 0.00	36.59 -0.59 0.00	35.17 -0.72 0.00	35.40 -0.69 0.00	35.20 -0.76 0.00	33.96 -0.80 0.00	33.27 -0.78 0.00	32.31 -0.73 0.00	31.36 -0.74 0.01	33.77 -0.76 0.00	37.15 -0.80 0.00	38.58 -0.71 0.00	41.26 -0.59 0.01	43.82 -0.58 0.00	38.39 -0.55 0.00	32.60 -0.46 0.00	29.51 -0.06 0.00
TALLMAN__138KV_BK151 55660	25.28 1.34 0.00	21.46 1.16 0.00	18.95 1.00 0.00	18.29 0.97 0.00	17.56 0.95 0.00	25.12 1.29 0.00	31.55 1.21 0.00	35.92 1.61 0.00	39.04 1.86 0.00	37.96 2.08 0.00	38.11 2.02 0.00	38.00 2.05 0.00	36.78 2.02 0.00	36.06 2.01 0.00	34.99 1.95 0.00	34.03 1.93 0.01	36.67 2.14 0.00	40.23 2.28 0.00	41.45 2.16 0.00	44.15 2.30 0.01	46.88 2.49 0.00	41.00 2.06 0.00	34.65 1.59 0.00	31.05 1.48 0.00
TEALLAVE_115KV_TB7 355573	23.82 -0.12 0.00	20.22 -0.08 0.00	17.83 -0.11 0.00	17.19 -0.12 0.00	16.53 -0.08 0.00	23.65 -0.19 0.00	29.97 -0.36 0.00	33.75 -0.55 0.00	36.47 -0.71 0.00	35.06 -0.83 0.00	35.29 -0.79 0.00	35.09 -0.86 0.00	33.90 -0.87 0.00	33.20 -0.85 0.00	32.25 -0.79 0.00	31.27 -0.83 0.01	33.64 -0.90 0.00	37.00 -0.95 0.00	38.42 -0.86 0.00	41.09 -0.75 0.01	43.64 -0.75 0.00	38.23 -0.70 0.00	32.47 -0.60 0.00	29.42 -0.15 0.00
TELGRAPH_34_KV_EAST 80808	22.69 -1.24 0.00	19.37 -0.93 0.00	16.92 -1.02 0.00	16.42 -0.90 0.00	15.75 -0.86 0.00	22.29 -1.55 0.00	28.18 -2.15 0.00	31.97 -2.33 0.00	34.17 -3.01 0.00	32.15 -3.73 0.00	32.30 -3.79 0.00	31.96 -3.99 0.00	31.11 -3.65 0.00	30.55 -3.51 0.00	29.87 -3.17 0.00	28.98 -3.11 0.01	31.25 -3.28 0.00	34.23 -3.72 0.00	35.91 -3.38 0.00	38.79 -3.06 0.01	41.24 -3.15 0.00	36.05 -2.88 0.00	30.78 -2.28 0.00	28.12 -1.45 0.00
TEMPLE___115KV_TB 2 55572	23.82 -0.12 0.00	20.22 -0.08 0.00	17.83 -0.11 0.00	17.21 -0.10 0.00	16.53 -0.08 0.00	23.65 -0.19 0.00	30.00 -0.33 0.00	33.75 -0.55 0.00	36.47 -0.71 0.00	35.06 -0.83 0.00	35.29 -0.79 0.00	35.13 -0.83 0.00	33.90 -0.87 0.00	33.20 -0.85 0.00	32.25 -0.79 0.00	31.30 -0.80 0.01	33.67 -0.86 0.00	37.04 -0.91 0.00	38.46 -0.83 0.00	41.13 -0.71 0.01	43.64 -0.75 0.00	38.27 -0.66 0.00	32.50 -0.56 0.00	29.45 -0.12 0.00
TIANA____69_KV_BK 1 55817	26.41 2.47 -0.01	22.29 1.99 0.00	19.94 1.99 -0.01	19.12 1.80 0.00	18.31 1.69 0.00	26.32 2.48 0.00	32.43 2.09 0.00	37.23 2.92 -0.01	40.39 3.20 -0.01	39.27 3.37 -0.01	39.57 3.10 -0.38	40.36 3.27 -1.13	39.68 3.27 -1.64	39.75 3.20 -2.50	40.43 3.11 -4.29	41.08 3.05 -5.92	41.17 3.38 -3.26	42.69 3.76 -0.98	44.03 3.81 -0.93	46.64 3.98 -0.81	49.59 4.17 -1.02	44.32 3.54 -1.85	39.71 3.08 -3.57	34.10 2.81 -1.72

TILDEN___115KV_TB1 80814	23.87 -0.07 0.00	20.26 -0.04 0.00	17.87 -0.07 0.00	17.23 -0.09 0.00	16.56 -0.05 0.00	23.69 -0.14 0.00	30.06 -0.27 0.00	33.86 -0.45 0.00	36.59 -0.59 0.00	35.17 -0.72 0.00	35.40 -0.69 0.00	35.20 -0.76 0.00	33.96 -0.80 0.00	33.27 -0.78 0.00	32.31 -0.73 0.00	31.36 -0.74 0.01	33.77 -0.76 0.00	37.15 -0.80 0.00	38.58 -0.71 0.00	41.26 -0.59 0.01	43.82 -0.58 0.00	38.39 -0.55 0.00	32.60 -0.46 0.00	29.51 -0.06 0.00
TRIGEN___CC 323695	25.96 2.01 -0.02	21.98 1.68 0.00	19.50 1.54 -0.02	18.74 1.42 0.00	17.98 1.36 0.00	25.79 1.95 0.00	32.18 1.85 0.00	36.82 2.50 -0.02	40.02 2.83 -0.02	38.81 2.91 -0.02	40.84 2.81 -1.93	44.65 2.88 -5.82	46.08 2.85 -8.46	49.32 2.79 -12.47	47.63 2.68 -11.91	51.41 2.60 -16.70	48.49 2.87 -11.09	46.12 3.11 -5.05	47.03 2.99 -4.76	49.25 3.18 -4.21	53.09 3.46 -5.23	51.54 3.04 -9.57	43.26 2.48 -7.71	34.98 2.25 -3.16
TRINITY__115KV__4 BK 55933	24.80 0.86 0.00	21.07 0.77 0.00	18.62 0.68 0.00	17.97 0.66 0.00	17.23 0.61 0.00	24.62 0.79 0.00	30.82 0.49 0.00	34.78 0.48 0.00	37.81 0.63 0.00	36.53 0.65 0.00	36.70 0.61 0.00	36.57 0.61 0.00	35.36 0.59 0.00	34.67 0.61 0.00	33.63 0.59 0.00	32.71 0.61 0.01	35.16 0.62 0.00	38.67 0.72 0.00	39.88 0.59 0.00	42.43 0.59 0.01	44.97 0.58 0.00	39.59 0.66 0.00	33.76 0.69 0.00	30.40 0.83 0.00
UNION___PROCESSING_DRP 323587	23.17 -0.77 0.00	19.71 -0.59 0.00	17.30 -0.65 0.00	16.74 -0.57 0.00	16.07 -0.55 0.00	22.84 -1.00 0.00	28.91 -1.43 0.00	32.76 -1.54 0.00	35.28 -1.90 0.00	33.51 -2.37 0.00	33.74 -2.35 0.00	33.47 -2.48 0.00	32.54 -2.22 0.00	31.87 -2.18 0.00	31.09 -1.95 0.00	30.17 -1.93 0.01	32.50 -2.04 0.00	35.64 -2.32 0.00	37.21 -2.08 0.00	39.96 -1.88 0.01	42.49 -1.91 0.00	37.10 -1.83 0.00	31.58 -1.49 0.00	28.71 -0.86 0.00
UPPER HUDSON___HYD 24058	25.16 1.22 0.00	21.29 0.99 0.00	18.82 0.88 0.00	18.15 0.83 0.00	17.43 0.81 0.00	24.98 1.14 0.00	31.58 1.24 0.00	35.74 1.44 0.00	38.93 1.75 0.00	37.46 1.58 0.00	37.78 1.70 0.00	37.65 1.69 0.00	36.22 1.46 0.00	35.55 1.50 0.00	34.43 1.39 0.00	33.55 1.45 0.01	35.98 1.45 0.00	39.66 1.71 0.00	41.06 1.77 0.00	43.93 2.09 0.01	46.57 2.17 0.00	40.92 1.98 0.00	34.72 1.65 0.00	31.14 1.57 0.00
UPPER RAQUET___HYD 24056	22.81 -1.12 0.00	19.32 -0.97 0.00	17.10 -0.84 0.00	16.54 -0.78 0.00	15.80 -0.81 0.00	22.93 -0.91 0.00	29.94 -0.40 0.00	33.86 -0.45 0.00	36.66 -0.52 0.00	35.38 -0.50 0.00	35.51 -0.58 0.00	35.49 -0.47 0.00	34.24 -0.52 0.00	33.51 -0.55 0.00	32.45 -0.59 0.00	31.56 -0.55 0.00	34.05 -0.48 0.00	37.46 -0.49 0.00	38.93 -0.35 0.00	41.30 -0.55 0.00	43.60 -0.80 0.00	38.39 -0.55 0.00	32.44 -0.63 0.00	28.39 -1.18 0.00
VALLEY44_115KV_TB2 355964	23.05 -0.89 0.00	19.65 -0.65 0.00	17.19 -0.75 0.00	16.64 -0.68 0.00	15.98 -0.63 0.00	22.72 -1.12 0.00	28.79 -1.55 0.00	32.86 -1.44 0.00	35.02 -2.16 0.00	33.08 -2.80 0.00	33.20 -2.89 0.00	32.83 -3.13 0.00	31.88 -2.89 0.00	31.33 -2.72 0.00	30.50 -2.54 0.00	29.56 -2.54 0.01	31.94 -2.59 0.00	34.88 -3.07 0.00	36.62 -2.67 0.00	39.46 -2.39 0.01	42.18 -2.22 0.00	36.99 -1.95 0.00	31.31 -1.75 0.00	28.51 -1.06 0.00
VALLEY___115KV_TB 1-4 80826	23.65 -0.29 0.00	20.01 -0.28 0.00	17.69 -0.25 0.00	17.02 -0.29 0.00	16.33 -0.28 0.00	23.43 -0.41 0.00	29.60 -0.73 0.00	33.48 -0.82 0.00	36.47 -0.71 0.00	35.20 -0.68 0.00	35.51 -0.58 0.00	35.42 -0.54 0.00	34.24 -0.52 0.00	33.54 -0.51 0.00	32.51 -0.53 0.00	31.59 -0.51 0.01	33.98 -0.55 0.00	37.34 -0.61 0.00	38.70 -0.59 0.00	41.25 -0.59 0.01	43.82 -0.58 0.00	38.43 -0.51 0.00	32.64 -0.43 0.00	29.36 -0.21 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	25.30 1.36 0.00	21.46 1.16 0.00	18.96 1.02 0.00	18.30 0.99 0.00	17.61 1.00 0.00	25.24 1.41 0.00	31.76 1.43 0.00	35.95 1.65 0.00	39.04 1.86 0.00	37.68 1.79 0.00	38.00 1.91 0.00	37.79 1.83 0.00	36.47 1.70 0.00	35.65 1.60 0.00	34.56 1.52 0.00	33.58 1.48 0.01	36.23 1.69 0.00	39.85 1.90 0.00	41.21 1.93 0.00	44.14 2.30 0.01	46.93 2.53 0.00	41.15 2.22 0.00	34.82 1.75 0.00	31.29 1.72 0.00
VISCHER___FERRY HYD 24020	25.02 1.08 0.00	21.23 0.93 0.00	18.75 0.81 0.00	18.10 0.78 0.00	17.36 0.75 0.00	24.86 1.02 0.00	31.27 0.94 0.00	35.33 1.03 0.00	38.41 1.23 0.00	37.07 1.18 0.00	37.28 1.19 0.00	37.14 1.18 0.00	35.88 1.11 0.00	35.14 1.09 0.00	34.10 1.06 0.00	33.19 1.09 0.01	35.64 1.10 0.00	39.24 1.29 0.00	40.51 1.22 0.00	43.22 1.38 0.01	45.86 1.46 0.00	40.26 1.32 0.00	34.35 1.29 0.00	30.90 1.33 0.00
V_A_10_SYNC_DSASP 323832	22.74 -1.20 0.00	19.37 -0.93 0.00	17.06 -0.88 0.00	16.41 -0.90 0.00	15.75 -0.86 0.00	22.29 -1.55 0.00	28.12 -2.21 0.00	31.87 -2.43 0.00	34.06 -3.12 0.00	32.26 -3.62 0.00	32.69 -3.39 0.00	32.14 -3.81 0.00	31.29 -3.48 0.00	30.72 -3.34 0.00	29.97 -3.07 0.00	29.08 -3.02 0.01	31.36 -3.18 0.00	34.35 -3.61 0.00	35.91 -3.38 0.00	38.53 -3.31 0.01	40.98 -3.42 0.00	35.94 -3.00 0.00	30.72 -2.35 0.00	28.06 -1.51 0.00
V_CMM_10_SYNC_DSASP 323787	23.43 -0.50 0.00	19.87 -0.43 0.00	17.58 -0.36 0.00	16.99 -0.33 0.00	16.23 -0.38 0.00	23.48 -0.36 0.00	30.42 0.09 0.00	34.44 0.14 0.00	37.33 0.15 0.00	36.06 0.18 0.00	36.23 0.14 0.00	36.17 0.22 0.00	34.97 0.21 0.00	34.22 0.17 0.00	33.17 0.13 0.00	32.24 0.13 0.00	34.74 0.21 0.00	38.14 0.19 0.00	39.53 0.24 0.00	41.89 0.04 0.00	44.40 0.00 0.00	38.97 0.04 0.00	33.03 -0.03 0.00	29.16 -0.41 0.00
V_CMP_10_SYNC_DSASP 323788	23.70 -0.24 0.00	20.12 -0.18 0.00	17.83 -0.11 0.00	17.26 -0.05 0.00	16.48 -0.13 0.00	23.89 0.05 0.00	30.97 0.64 0.00	35.09 0.79 0.00	38.00 0.82 0.00	36.71 0.83 0.00	36.81 0.72 0.00	36.78 0.83 0.00	35.46 0.69 0.00	34.73 0.68 0.00	33.64 0.60 0.00	32.69 0.58 0.00	35.29 0.76 0.00	38.75 0.80 0.00	40.15 0.86 0.00	42.44 0.59 0.00	44.97 0.58 0.00	39.32 0.39 0.00	33.27 0.20 0.00	29.33 -0.24 0.00
V_D_10_SYNC_DSASP 323841	23.43 -0.50 0.00	19.89 -0.41 0.00	17.58 -0.36 0.00	17.00 -0.31 0.00	16.23 -0.38 0.00	23.50 -0.33 0.00	30.57 0.24 0.00	34.61 0.31 0.00	37.48 0.30 0.00	36.21 0.32 0.00	36.37 0.29 0.00	36.35 0.40 0.00	35.11 0.35 0.00	34.36 0.31 0.00	33.30 0.26 0.00	32.36 0.26 0.00	34.88 0.35 0.00	38.29 0.34 0.00	39.72 0.43 0.00	42.14 0.30 0.00	44.53 0.13 0.00	39.17 0.24 0.00	33.20 0.13 0.00	29.19 -0.39 0.00
V_E_10_SYNC_DSASP 323830	25.64 1.70 0.00	21.72 1.42 0.00	19.14 1.20 0.00	18.44 1.12 0.00	17.81 1.20 0.00	25.67 1.84 0.00	32.42 2.09 0.00	36.64 2.33 0.00	39.82 2.64 0.00	38.04 2.15 0.00	38.47 2.38 0.00	38.08 2.12 0.00	36.67 1.91 0.00	35.75 1.70 0.00	34.69 1.65 0.00	33.77 1.67 0.01	36.40 1.86 0.00	40.34 2.39 0.00	42.35 3.07 0.00	45.53 3.68 0.01	48.48 4.08 0.00	42.32 3.39 0.00	35.58 2.51 0.00	32.00 2.43 0.00



V_F_30_NSYNC___DSASP 323816	25.21 1.27 0.00	21.35 1.05 0.00	18.86 0.91 0.00	18.20 0.88 0.00	17.48 0.86 0.00	25.03 1.19 0.00	31.55 1.21 0.00	35.71 1.41 0.00	38.86 1.67 0.00	37.42 1.54 0.00	37.67 1.59 0.00	37.54 1.58 0.00	36.19 1.43 0.00	35.52 1.46 0.00	34.40 1.36 0.00	33.48 1.38 0.01	35.95 1.42 0.00	39.58 1.63 0.00	40.94 1.65 0.00	43.77 1.93 0.01	46.40 2.00 0.00	40.76 1.83 0.00	34.69 1.62 0.00	31.17 1.60 0.00
V_F_30_SYNC_DSASP 323786	24.85 0.91 0.00	21.11 0.81 0.00	18.66 0.72 0.00	17.99 0.68 0.00	17.25 0.63 0.00	24.67 0.83 0.00	30.88 0.55 0.00	34.89 0.58 0.00	37.92 0.74 0.00	36.64 0.75 0.00	36.81 0.72 0.00	36.71 0.76 0.00	35.46 0.70 0.00	34.80 0.75 0.00	33.77 0.73 0.00	32.84 0.74 0.01	35.26 0.73 0.00	38.79 0.83 0.00	40.00 0.71 0.00	42.55 0.71 0.01	45.11 0.71 0.00	39.71 0.78 0.00	33.86 0.79 0.00	30.46 0.89 0.00
V_XM_10_SYNC_DSASP 323789	23.70 -0.24 0.00	20.12 -0.18 0.00	17.83 -0.11 0.00	17.26 -0.05 0.00	16.48 -0.13 0.00	23.89 0.05 0.00	30.97 0.64 0.00	35.09 0.79 0.00	38.00 0.82 0.00	36.71 0.83 0.00	36.81 0.72 0.00	36.78 0.83 0.00	35.46 0.69 0.00	34.73 0.68 0.00	33.64 0.60 0.00	32.69 0.58 0.00	35.29 0.76 0.00	38.75 0.80 0.00	40.15 0.86 0.00	42.44 0.59 0.00	44.97 0.58 0.00	39.32 0.39 0.00	33.27 0.20 0.00	29.33 -0.24 0.00
W.BABYLN_69_KV_BK1 56697	26.34 2.39 -0.01	22.29 1.99 0.00	19.80 1.85 -0.01	19.00 1.68 0.00	18.23 1.61 0.00	26.20 2.36 0.00	32.58 2.24 0.00	37.33 3.02 -0.01	40.50 3.31 -0.01	39.30 3.41 -0.01	40.22 3.25 -0.88	41.98 3.38 -2.65	41.95 3.34 -3.85	43.03 3.27 -5.70	42.50 3.20 -6.25	43.98 3.15 -8.73	43.53 3.49 -5.51	44.04 3.80 -2.30	45.22 3.77 -2.16	47.74 3.98 -1.91	51.04 4.26 -2.38	46.94 3.66 -4.34	40.59 3.14 -4.38	34.29 2.81 -1.91
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	25.35 1.41 0.00	21.50 1.20 0.00	19.00 1.06 0.00	18.32 1.00 0.00	17.59 0.98 0.00	25.17 1.33 0.00	31.61 1.27 0.00	35.98 1.68 0.00	39.11 1.93 0.00	38.04 2.15 0.00	38.18 2.09 0.00	38.11 2.16 0.00	36.88 2.12 0.00	36.16 2.11 0.00	35.06 2.02 0.00	34.09 1.99 0.01	36.74 2.21 0.00	40.30 2.35 0.00	41.53 2.24 0.00	44.23 2.39 0.01	47.02 2.62 0.00	41.11 2.18 0.00	34.75 1.69 0.00	31.11 1.54 0.00
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	25.69 1.75 0.00	21.82 1.52 0.00	19.27 1.33 0.00	18.58 1.26 0.00	17.84 1.23 0.00	25.51 1.67 0.00	32.03 1.70 0.00	36.57 2.26 0.00	39.78 2.60 0.00	38.72 2.83 0.00	38.87 2.78 0.00	38.76 2.80 0.00	37.55 2.78 0.00	36.78 2.72 0.00	35.68 2.64 0.00	34.74 2.63 0.01	37.40 2.87 0.00	41.10 3.15 0.00	42.31 3.03 0.00	44.94 3.10 0.01	47.68 3.29 0.00	41.74 2.80 0.00	35.31 2.25 0.00	31.64 2.07 0.00
W50THST__13_KV_LOAD 356117	25.78 1.84 0.00	21.88 1.58 0.00	19.34 1.40 0.00	18.63 1.32 0.00	17.89 1.28 0.00	25.60 1.76 0.00	32.15 1.82 0.00	36.74 2.44 0.00	39.97 2.79 0.00	38.90 3.01 0.00	39.08 3.00 0.00	38.98 3.02 0.00	37.75 2.99 0.00	36.98 2.93 0.00	35.88 2.84 0.00	34.90 2.79 0.01	37.57 3.04 0.00	41.29 3.34 0.00	42.51 3.22 0.00	45.15 3.31 0.01	47.90 3.51 0.00	41.89 2.96 0.00	35.45 2.38 0.00	31.76 2.19 0.00
WADING RIVER_IC_1 23522	26.22 2.28 -0.01	22.17 1.87 0.00	19.73 1.78 -0.01	19.03 1.71 0.00	18.24 1.63 0.00	26.24 2.41 0.00	32.28 1.94 0.00	37.02 2.71 -0.01	40.20 3.01 -0.01	39.05 3.16 -0.01	39.39 2.92 -0.38	40.18 3.09 -1.13	39.46 3.06 -1.64	39.57 3.03 -2.49	40.23 2.91 -4.28	40.91 2.89 -5.91	40.99 3.21 -3.25	42.46 3.53 -0.98	43.75 3.54 -0.92	46.43 3.77 -0.81	49.41 4.00 -1.01	44.16 3.39 -1.84	39.54 2.91 -3.56	33.90 2.60 -1.72
WADING RIVER_IC_2 23547	26.22 2.28 -0.01	22.17 1.87 0.00	19.73 1.78 -0.01	19.03 1.71 0.00	18.24 1.63 0.00	26.24 2.41 0.00	32.28 1.94 0.00	37.02 2.71 -0.01	40.20 3.01 -0.01	39.05 3.16 -0.01	39.39 2.92 -0.38	40.18 3.09 -1.13	39.46 3.06 -1.64	39.57 3.03 -2.49	40.23 2.91 -4.28	40.91 2.89 -5.91	40.99 3.21 -3.25	42.46 3.53 -0.98	43.75 3.54 -0.92	46.43 3.77 -0.81	49.41 4.00 -1.01	44.16 3.39 -1.84	39.54 2.91 -3.56	33.90 2.60 -1.72
WADING RIVER_IC_3 23601	26.22 2.28 -0.01	22.17 1.87 0.00	19.73 1.78 -0.01	19.03 1.71 0.00	18.24 1.63 0.00	26.24 2.41 0.00	32.28 1.94 0.00	37.02 2.71 -0.01	40.20 3.01 -0.01	39.05 3.16 -0.01	39.39 2.92 -0.38	40.18 3.09 -1.13	39.46 3.06 -1.64	39.57 3.03 -2.49	40.23 2.91 -4.28	40.91 2.89 -5.91	40.99 3.21 -3.25	42.46 3.53 -0.98	43.75 3.54 -0.92	46.43 3.77 -0.81	49.41 4.00 -1.01	44.16 3.39 -1.84	39.54 2.91 -3.56	33.90 2.60 -1.72
WALDENNY_12_KV_BK2 80841	22.76 -1.17 0.00	19.45 -0.85 0.00	16.97 -0.97 0.00	16.45 -0.87 0.00	15.80 -0.81 0.00	22.38 -1.45 0.00	28.30 -2.03 0.00	32.21 -2.09 0.00	34.32 -2.86 0.00	32.33 -3.55 0.00	32.48 -3.61 0.00	32.11 -3.85 0.00	31.22 -3.55 0.00	30.65 -3.41 0.00	29.97 -3.07 0.00	29.05 -3.05 0.01	31.29 -3.25 0.00	34.23 -3.72 0.00	35.99 -3.30 0.00	38.83 -3.01 0.01	41.38 -3.02 0.00	36.21 -2.73 0.00	30.88 -2.18 0.00	28.24 -1.33 0.00
WALDEN___HYDRO 24148	25.30 1.36 0.00	21.48 1.18 0.00	18.96 1.02 0.00	18.30 0.99 0.00	17.58 0.96 0.00	25.15 1.31 0.00	31.55 1.21 0.00	35.92 1.61 0.00	39.04 1.86 0.00	37.96 2.08 0.00	38.11 2.02 0.00	38.00 2.05 0.00	36.75 1.98 0.00	36.03 1.98 0.00	34.96 1.92 0.00	34.00 1.89 0.01	36.61 2.07 0.00	40.19 2.24 0.00	41.45 2.16 0.00	44.15 2.30 0.01	46.93 2.53 0.00	41.07 2.14 0.00	34.72 1.65 0.00	31.11 1.54 0.00
WARRENSBURG____ 23737	25.16 1.22 0.00	21.29 0.99 0.00	18.82 0.88 0.00	18.15 0.83 0.00	17.43 0.81 0.00	24.98 1.14 0.00	31.58 1.24 0.00	35.74 1.44 0.00	38.93 1.75 0.00	37.46 1.58 0.00	37.75 1.66 0.00	37.65 1.69 0.00	36.22 1.46 0.00	35.55 1.50 0.00	34.43 1.39 0.00	33.52 1.41 0.01	35.98 1.45 0.00	39.66 1.71 0.00	41.06 1.77 0.00	43.93 2.09 0.01	46.57 2.18 0.00	40.92 1.99 0.00	34.72 1.65 0.00	31.14 1.57 0.00
WATERSIDE___6 8 9 23538	25.78 1.84 0.00	21.90 1.60 0.00	19.36 1.42 0.00	18.65 1.33 0.00	17.91 1.30 0.00	25.53 1.69 0.00	32.03 1.70 0.00	36.57 2.26 0.00	39.82 2.64 0.00	38.79 2.91 0.00	38.94 2.85 0.00	38.87 2.91 0.00	37.61 2.85 0.00	36.85 2.79 0.00	35.78 2.74 0.00	34.83 2.73 0.01	37.50 2.97 0.00	41.22 3.26 0.00	42.47 3.18 0.00	45.11 3.26 0.01	47.82 3.42 0.00	41.77 2.84 0.00	35.31 2.25 0.00	31.64 2.07 0.00
WATKINRD_115KV_LN8_ILLION 55919	23.79 -0.14 0.00	20.16 -0.14 0.00	17.82 -0.13 0.00	17.18 -0.14 0.00	16.48 -0.13 0.00	23.62 -0.21 0.00	29.88 -0.45 0.00	33.75 -0.55 0.00	36.70 -0.48 0.00	35.42 -0.47 0.00	35.69 -0.40 0.00	35.56 -0.40 0.00	34.38 -0.38 0.00	33.68 -0.37 0.00	32.64 -0.40 0.00	31.72 -0.39 0.01	34.15 -0.38 0.00	37.53 -0.42 0.00	38.86 -0.43 0.00	41.46 -0.38 0.01	44.04 -0.36 0.00	38.62 -0.31 0.00	32.77 -0.30 0.00	29.51 -0.06 0.00

WDELAWARE___HYD 323627	25.54 1.60 0.00	21.68 1.38 0.00	19.11 1.17 0.00	18.48 1.16 0.00	17.74 1.13 0.00	25.43 1.60 0.00	31.91 1.58 0.00	36.50 2.20 0.00	39.67 2.49 0.00	38.61 2.73 0.00	38.69 2.60 0.00	38.58 2.62 0.00	37.27 2.50 0.00	36.44 2.38 0.00	35.39 2.35 0.00	34.42 2.31 0.01	37.19 2.66 0.00	40.49 2.54 0.00	41.80 2.52 0.00	44.65 2.80 0.01	47.50 3.11 0.00	41.58 2.65 0.00	35.08 2.02 0.00	31.47 1.89 0.00
WEST BABYLON___IC 23714	26.34 2.39 -0.01	22.29 1.99 0.00	19.80 1.85 -0.01	19.00 1.68 0.00	18.23 1.61 0.00	26.20 2.36 0.00	32.58 2.24 0.00	37.33 3.02 -0.01	40.50 3.31 -0.01	39.30 3.41 -0.01	40.22 3.25 -0.88	41.98 3.38 -2.65	41.95 3.34 -3.85	43.03 3.27 -5.70	42.50 3.20 -6.25	43.98 3.15 -8.73	43.53 3.49 -5.51	44.04 3.80 -2.30	45.22 3.77 -2.16	47.74 3.98 -1.91	51.04 4.26 -2.38	46.94 3.66 -4.34	40.59 3.14 -4.38	34.29 2.81 -1.91
WEST CANADA___HYD 24049	24.08 0.14 0.00	20.42 0.12 0.00	18.05 0.11 0.00	17.42 0.10 0.00	16.73 0.12 0.00	23.96 0.12 0.00	30.30 -0.03 0.00	34.20 -0.10 0.00	37.14 -0.04 0.00	35.81 -0.07 0.00	36.05 -0.04 0.00	35.88 -0.07 0.00	34.69 -0.07 0.00	33.99 -0.07 0.00	32.97 -0.07 0.00	32.07 -0.03 0.01	34.50 -0.03 0.00	37.91 -0.04 0.00	39.21 -0.08 0.00	41.84 0.00 0.01	44.44 0.04 0.00	38.93 0.00 0.00	33.10 0.03 0.00	29.81 0.24 0.00
WESTERN_NY_WIND 24143	23.10 -0.84 0.00	19.71 -0.59 0.00	17.22 -0.72 0.00	16.73 -0.59 0.00	16.03 -0.58 0.00	22.74 -1.10 0.00	28.79 -1.55 0.00	32.73 -1.58 0.00	35.06 -2.12 0.00	32.94 -2.94 0.00	33.09 -3.00 0.00	32.76 -3.20 0.00	31.95 -2.82 0.00	31.29 -2.76 0.00	30.60 -2.44 0.00	29.69 -2.41 0.01	32.01 -2.52 0.00	35.14 -2.81 0.00	36.93 -2.36 0.00	39.87 -1.97 0.01	42.44 -1.95 0.00	37.02 -1.91 0.00	31.51 -1.55 0.00	28.71 -0.86 0.00
WESTOVER___LESR 323668	24.06 0.12 0.00	20.44 0.14 0.00	17.99 0.05 0.00	17.37 0.05 0.00	16.70 0.08 0.00	23.84 0.00 0.00	30.18 -0.15 0.00	34.17 -0.14 0.00	36.85 -0.33 0.00	35.31 -0.57 0.00	35.55 -0.54 0.00	35.31 -0.65 0.00	34.14 -0.63 0.00	33.44 -0.61 0.00	32.51 -0.53 0.00	31.55 -0.55 0.01	34.05 -0.48 0.00	37.38 -0.57 0.00	38.86 -0.43 0.00	41.63 -0.21 0.01	44.26 -0.13 0.00	38.82 -0.12 0.00	32.87 -0.20 0.00	29.72 0.15 0.00
WETHRSFD_WT_PWR 323626	22.69 -1.25 0.00	19.28 -1.01 0.00	16.94 -1.00 0.00	16.33 -0.99 0.00	15.68 -0.93 0.00	22.36 -1.48 0.00	28.45 -1.88 0.00	32.28 -2.02 0.00	34.32 -2.86 0.00	32.40 -3.48 0.00	32.69 -3.39 0.00	32.18 -3.77 0.00	31.22 -3.55 0.00	30.65 -3.40 0.00	29.87 -3.17 0.00	28.95 -3.15 0.01	31.18 -3.35 0.00	34.16 -3.79 0.00	35.95 -3.34 0.00	38.91 -2.93 0.01	41.51 -2.89 0.00	36.48 -2.45 0.00	31.05 -2.02 0.00	28.33 -1.24 0.00
WHAVSTOR_138KV_BK127 55557	25.33 1.39 0.00	21.48 1.18 0.00	18.98 1.04 0.00	18.30 0.99 0.00	17.58 0.96 0.00	25.15 1.31 0.00	31.58 1.24 0.00	35.95 1.65 0.00	39.08 1.90 0.00	38.00 2.12 0.00	38.14 2.06 0.00	38.04 2.09 0.00	36.82 2.05 0.00	36.10 2.04 0.00	35.02 1.98 0.00	34.06 1.96 0.01	36.71 2.18 0.00	40.27 2.32 0.00	41.49 2.20 0.00	44.19 2.34 0.01	46.93 2.53 0.00	40.96 2.02 0.00	34.62 1.55 0.00	31.02 1.45 0.00
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	25.33 1.39 0.00	21.48 1.18 0.00	18.98 1.04 0.00	18.30 0.99 0.00	17.58 0.96 0.00	25.15 1.31 0.00	31.58 1.24 0.00	35.95 1.65 0.00	39.08 1.90 0.00	38.00 2.12 0.00	38.14 2.06 0.00	38.04 2.09 0.00	36.82 2.05 0.00	36.10 2.04 0.00	35.02 1.98 0.00	34.06 1.96 0.01	36.71 2.18 0.00	40.27 2.32 0.00	41.49 2.20 0.00	44.19 2.34 0.01	46.93 2.53 0.00	40.96 2.02 0.00	34.62 1.55 0.00	31.02 1.45 0.00
WHITEHAL_115KV_TB1 80871	25.71 1.77 0.00	21.72 1.42 0.00	19.16 1.22 0.00	18.48 1.16 0.00	17.76 1.15 0.00	25.48 1.64 0.00	32.24 1.91 0.00	36.53 2.23 0.00	39.75 2.57 0.00	38.07 2.19 0.00	38.36 2.27 0.00	38.40 2.44 0.00	36.85 2.09 0.00	36.20 2.15 0.00	35.02 1.98 0.00	34.13 2.02 0.01	36.67 2.14 0.00	40.49 2.54 0.00	42.08 2.79 0.00	45.23 3.39 0.01	47.90 3.51 0.00	42.16 3.23 0.00	35.68 2.61 0.00	31.94 2.37 0.00
WHITEPLN_13_KV_LOAD 356215	25.71 1.77 0.00	21.82 1.52 0.00	19.27 1.33 0.00	18.56 1.25 0.00	17.83 1.21 0.00	25.53 1.69 0.00	32.00 1.67 0.00	36.64 2.33 0.00	39.82 2.64 0.00	38.79 2.91 0.00	39.01 2.92 0.00	38.87 2.91 0.00	37.61 2.85 0.00	36.88 2.83 0.00	35.78 2.74 0.00	34.77 2.67 0.01	37.43 2.90 0.00	41.18 3.23 0.00	42.39 3.10 0.00	45.15 3.31 0.01	47.90 3.51 0.00	41.85 2.92 0.00	35.45 2.38 0.00	31.73 2.16 0.00
WM_FLOYD_69_KV_BK2 356380	26.32 2.37 -0.01	22.23 1.93 0.00	19.85 1.90 -0.01	19.03 1.71 0.00	18.24 1.63 0.00	26.24 2.41 0.00	32.40 2.06 0.00	37.16 2.85 -0.01	40.35 3.16 -0.01	39.19 3.30 -0.01	39.54 3.07 -0.39	40.35 3.24 -1.15	39.64 3.20 -1.68	39.73 3.13 -2.55	40.39 3.04 -4.31	41.06 2.99 -5.96	41.17 3.35 -3.29	42.64 3.68 -1.00	43.89 3.65 -0.94	46.53 3.85 -0.83	49.47 4.04 -1.04	44.32 3.50 -1.88	39.65 3.01 -3.58	34.02 2.72 -1.72
WOODARD___115KV_TB2 355635	23.77 -0.17 0.00	20.18 -0.12 0.00	17.80 -0.14 0.00	17.18 -0.14 0.00	16.50 -0.12 0.00	23.62 -0.21 0.00	29.94 -0.39 0.00	33.72 -0.58 0.00	36.44 -0.74 0.00	35.02 -0.86 0.00	35.26 -0.83 0.00	35.09 -0.86 0.00	33.86 -0.90 0.00	33.17 -0.89 0.00	32.21 -0.83 0.00	31.27 -0.83 0.01	33.64 -0.90 0.00	37.00 -0.95 0.00	38.42 -0.86 0.00	41.09 -0.75 0.01	43.60 -0.80 0.00	38.19 -0.74 0.00	32.44 -0.63 0.00	29.39 -0.18 0.00
WOODMERE_69_KV_BK1 55827	26.20 2.25 -0.01	22.19 1.89 0.00	19.68 1.72 -0.01	18.89 1.58 0.00	18.13 1.51 0.00	26.03 2.19 0.00	32.49 2.15 0.00	37.17 2.85 -0.01	40.39 3.20 -0.01	39.16 3.27 -0.02	48.31 3.18 -9.05	66.59 3.27 -27.36	77.77 3.20 -39.81	95.01 3.13 -57.83	70.32 3.01 -34.27	84.05 2.95 -48.99	77.80 3.25 -40.02	65.22 3.53 -23.74	65.11 3.46 -22.36	65.36 3.68 -19.83	72.91 3.95 -24.56	87.58 3.50 -45.14	49.32 2.81 -13.44	34.76 2.54 -2.65
YORK___WARBASSE 23770	25.88 1.94 0.00	21.96 1.66 0.00	19.39 1.45 0.00	18.68 1.37 0.00	17.96 1.35 0.00	25.60 1.76 0.00	32.09 1.76 0.00	36.67 2.37 0.00	39.93 2.75 0.00	38.90 3.01 0.00	39.05 2.96 0.00	38.94 2.98 0.00	37.72 2.95 0.00	36.95 2.89 0.00	35.85 2.81 0.00	34.93 2.83 0.01	37.64 3.11 0.00	41.37 3.42 0.00	42.67 3.38 0.00	45.32 3.47 0.01	48.08 3.68 0.00	41.97 3.04 0.00	35.48 2.41 0.00	31.76 2.19 0.00