

# Day Ahead Market Generator LBMP

Generator Data		--- LBMP \$														--- Marginal Cost of Losses														--- Marginal Cost of Congestion										06/03/2025		
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	21.38	17.60	16.96	16.21	17.52	21.89	27.23	28.84	27.41	24.00	24.52	24.37	25.45	26.93	29.20	30.83	36.09	44.90	52.38	52.74	49.99	40.71	32.09	28.69																	
		1.69	1.39	1.26	1.19	1.28	1.39	1.57	1.63	1.58	1.57	1.60	1.72	1.78	1.88	2.14	2.44	2.89	3.51	3.74	3.51	3.18	2.45	2.16	2.15																	
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.07	-0.42	1.41	3.28	3.14	0.01	0.01	0.00	0.00																	
74TH STREET_GT_1	24260	21.42	17.60	16.99	16.24	17.55	21.91	27.26	28.86	27.43	24.02	24.55	24.40	25.48	26.96	29.23	30.86	36.09	44.94	52.43	52.84	50.09	40.79	32.18	28.77																	
		1.73	1.39	1.29	1.22	1.31	1.41	1.59	1.66	1.60	1.59	1.63	1.74	1.80	1.90	2.17	2.46	2.89	3.55	3.79	3.61	3.28	2.53	2.25	2.23																	
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.07	-0.42	1.41	3.28	3.14	0.01	0.01	0.00	0.00																	
74TH STREET_GT_2	24261	21.42	17.60	16.99	16.24	17.55	21.91	27.26	28.86	27.43	24.02	24.55	24.40	25.48	26.96	29.23	30.86	36.09	44.94	52.43	52.84	50.09	40.79	32.18	28.77																	
		1.73	1.39	1.29	1.22	1.31	1.41	1.59	1.66	1.60	1.59	1.63	1.74	1.80	1.90	2.17	2.46	2.89	3.55	3.79	3.61	3.28	2.53	2.25	2.23																	
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.07	-0.42	1.41	3.28	3.14	0.01	0.01	0.00	0.00																	
ADK HUDSON___FALLS	24011	20.92	17.24	16.70	15.97	17.29	21.93	27.26	28.67	27.05	23.35	23.81	23.51	24.55	26.06	28.26	29.09	33.57	42.74	50.17	50.74	48.64	39.60	31.22	28.43																	
		1.24	1.04	0.99	0.95	1.06	1.43	1.59	1.47	1.21	0.92	0.89	0.86	0.88	1.00	1.19	0.82	1.15	1.50	1.87	1.83	1.83	1.34	1.29	1.88																	
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.06	0.36	1.56	3.62	3.46	0.01	0.01	0.00	0.00																	
ADK RESOURCE___RCVRY	23798	20.96	17.28	16.74	16.00	17.32	22.01	27.33	28.75	27.12	23.42	23.88	23.58	24.63	26.13	28.37	29.15	33.67	42.87	50.38	50.94	48.73	39.80	31.31	28.51																	
		1.28	1.07	1.04	0.98	1.09	1.52	1.67	1.55	1.29	0.99	0.96	0.93	0.95	1.08	1.30	0.88	1.25	1.63	2.08	2.04	1.92	1.53	1.38	1.96																	
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.06	0.36	1.56	3.62	3.47	0.01	0.01	0.00	0.00																	
ADK S GLENS___FALLS	24028	20.92	17.24	16.70	15.97	17.29	21.93	27.26	28.67	27.05	23.35	23.81	23.51	24.55	26.06	28.26	29.09	33.57	42.74	50.17	50.74	48.64	39.60	31.22	28.43																	
		1.24	1.04	0.99	0.95	1.06	1.43	1.59	1.47	1.21	0.92	0.89	0.86	0.88	1.00	1.19	0.82	1.15	1.50	1.87	1.83	1.83	1.34	1.29	1.88																	
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.06	0.36	1.56	3.62	3.46	0.01	0.01	0.00	0.00																	
ADK_NYS___DAM	23527	21.08	17.38	16.79	16.06	17.34	21.79	27.15	28.51	26.89	23.28	23.70	23.49	24.51	25.95	28.01	29.22	33.26	42.81	50.35	51.01	48.92	39.99	31.67	28.45																	
		1.40	1.17	1.08	1.04	1.10	1.29	1.49	1.31	1.06	0.85	0.78	0.84	0.83	0.90	0.95	1.02	1.25	1.54	1.97	2.04	2.11	1.72	1.74	1.91																	
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.13	0.78	1.53	3.54	3.39	0.01	0.01	0.00	0.00																	
AIR_PRODUCTS___DRP	24190	20.39	16.84	16.29	15.56	16.80	21.09	26.08	27.45	25.96	22.52	22.99	22.77	23.77	25.18	27.23	28.48	32.75	41.37	48.45	49.10	47.00	38.42	30.44	27.31																	
		0.71	0.63	0.58	0.54	0.57	0.59	0.41	0.24	0.13	0.09	0.07	0.11	0.09	0.13	0.16	0.20	0.26	0.09	0.05	0.10	0.19	0.15	0.51	0.77																	
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.05	0.30	1.52	3.52	3.37	0.01	0.01	0.00	0.00																	
AKWESSNE_115KV_BK	355683	19.51	16.05	15.57	14.89	16.14	20.47	25.85	27.56	26.14	22.70	23.22	22.95	24.01	25.40	27.42	28.72	33.25	42.92	51.54	51.99	47.33	38.73	29.97	26.25																	
		-0.18	-0.16	-0.14	-0.14	-0.10	-0.02	0.18	0.35	0.31	0.27	0.30	0.29	0.33	0.35	0.35	0.40	0.46	0.60	0.73	0.68	0.52	0.46	0.03	-0.29																	
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.48	1.11	1.06	0.00	0.00	0.00	0.00																	
ALBANY_1_SOLAR	323833	20.59	16.99	16.45	15.72	16.97	21.31	26.38	27.67	26.09	22.56	23.01	22.77	23.75	25.15	27.23	28.49	32.95	41.73	49.11	49.98	47.79	39.10	30.92	27.68																	
		0.91	0.78	0.74	0.69	0.73	0.82	0.72	0.46	0.26	0.14	0.09	0.11	0.07	0.10	0.16	0.20	0.36	0.43	0.67	0.94	0.98	0.84	0.99	1.14																	
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.03	0.20	1.50	3.48	3.33	0.01	0.01	0.00	0.00																	
ALBANY_2_SOLAR	323834	20.57	16.99	16.45	15.72	16.97	21.31	26.38	27.67	26.09	22.56	23.01	22.77	23.75	25.15	27.20	28.49	32.92	41.73	49.11	49.98	47.79	39.07	30.92	27.68																	
		0.89	0.78	0.74	0.69	0.73	0.82	0.72	0.46	0.26	0.14	0.09	0.11	0.07	0.10	0.14	0.20	0.33	0.43	0.67	0.94	0.98	0.81	0.99	1.14																	
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.03	0.20	1.50	3.48	3.33	0.01	0.01	0.00	0.00																	
ALBANY___1	23571	20.39	16.84	16.29	15.56	16.80	21.09	26.08	27.45	25.96	22.52	22.99	22.77	23.77	25.18	27.23	28.48	32.75	41.37	48.45	49.10	47.00	38.42	30.44	27.31																	
		0.71	0.63	0.58	0.54	0.57	0.59	0.41	0.24	0.13	0.09	0.07	0.11	0.09	0.13	0.16	0.20	0.26	0.09	0.05	0.10	0.19	0.15	0.51	0.77																	
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.05	0.30	1.52	3.52	3.37	0.01	0.01	0.00	0.00																	

ALBANY___2 23572	20.39 0.71 0.00	16.84 0.63 0.00	16.29 0.58 0.00	15.56 0.54 0.00	16.80 0.57 0.00	21.09 0.59 0.00	26.08 0.41 0.00	27.45 0.24 0.00	25.96 0.13 0.00	22.52 0.09 0.00	22.99 0.07 0.00	22.77 0.11 0.00	23.77 0.09 0.00	25.18 0.13 0.00	27.23 0.16 0.00	28.48 0.20 0.05	32.75 0.26 0.30	41.37 0.09 1.52	48.45 0.05 3.52	49.10 0.10 3.37	47.00 0.19 0.01	38.42 0.15 0.01	30.44 0.51 0.00	27.31 0.77 0.00
ALBANY___3 23573	20.39 0.71 0.00	16.84 0.63 0.00	16.29 0.58 0.00	15.56 0.54 0.00	16.80 0.57 0.00	21.09 0.59 0.00	26.08 0.41 0.00	27.45 0.24 0.00	25.96 0.13 0.00	22.52 0.09 0.00	22.99 0.07 0.00	22.77 0.11 0.00	23.77 0.09 0.00	25.18 0.13 0.00	27.23 0.16 0.00	28.48 0.20 0.05	32.75 0.26 0.30	41.37 0.09 1.52	48.45 0.05 3.52	49.10 0.10 3.37	47.00 0.19 0.01	38.42 0.15 0.01	30.44 0.51 0.00	27.31 0.77 0.00
ALBANY___4 23574	20.39 0.71 0.00	16.84 0.63 0.00	16.29 0.58 0.00	15.56 0.54 0.00	16.80 0.57 0.00	21.09 0.59 0.00	26.08 0.41 0.00	27.45 0.24 0.00	25.96 0.13 0.00	22.52 0.09 0.00	22.99 0.07 0.00	22.77 0.11 0.00	23.77 0.09 0.00	25.18 0.13 0.00	27.23 0.16 0.00	28.48 0.20 0.05	32.75 0.26 0.30	41.37 0.09 1.52	48.45 0.05 3.52	49.10 0.10 3.37	47.00 0.19 0.01	38.42 0.15 0.01	30.44 0.51 0.00	27.31 0.77 0.00
ALBANY___LFGE 323615	20.53 0.85 0.00	16.94 0.73 0.00	16.40 0.69 0.00	15.67 0.65 0.00	16.92 0.68 0.00	21.25 0.76 0.00	26.31 0.64 0.00	27.67 0.46 0.00	26.17 0.33 0.00	22.70 0.27 0.00	23.17 0.25 0.00	22.95 0.29 0.00	23.96 0.29 0.00	25.38 0.32 0.00	27.47 0.41 0.00	28.70 0.43 0.05	33.02 0.56 0.33	41.83 0.55 1.53	48.94 0.57 3.55	49.60 0.63 3.40	47.46 0.66 0.01	38.80 0.54 0.01	30.74 0.81 0.00	27.55 1.01 0.00
ALCOA_PA_115KV_PL-6C 55860	19.53 -0.16 0.00	16.06 -0.15 0.00	15.60 -0.11 0.00	14.92 -0.11 0.00	16.17 -0.06 0.00	20.51 0.02 0.00	25.90 0.23 0.00	27.67 0.46 0.00	26.22 0.39 0.00	22.74 0.31 0.00	23.29 0.37 0.00	23.02 0.36 0.00	24.08 0.40 0.00	25.48 0.43 0.00	27.50 0.43 0.00	28.84 0.51 0.00	33.34 0.56 0.00	43.08 0.77 0.50	51.60 0.83 1.15	52.11 0.84 1.10	47.47 0.66 0.00	38.88 0.61 0.00	30.03 0.09 0.00	26.28 -0.27 0.00
ALCOA_RYNLDS___DRP 24188	19.53 -0.16 0.00	16.06 -0.15 0.00	15.60 -0.11 0.00	14.92 -0.11 0.00	16.17 -0.06 0.00	20.51 0.02 0.00	25.90 0.23 0.00	27.67 0.46 0.00	26.22 0.39 0.00	22.74 0.31 0.00	23.29 0.37 0.00	23.02 0.36 0.00	24.08 0.40 0.00	25.48 0.43 0.00	27.50 0.43 0.00	28.84 0.51 0.00	33.34 0.56 0.00	43.08 0.77 0.50	51.60 0.83 1.15	52.11 0.84 1.10	47.47 0.66 0.00	38.88 0.61 0.00	30.03 0.09 0.00	26.28 -0.27 0.00
ALCOA___DSASP 323711	19.53 -0.16 0.00	16.06 -0.15 0.00	15.60 -0.11 0.00	14.92 -0.10 0.00	16.15 -0.08 0.00	20.51 0.02 0.00	25.90 0.23 0.00	27.67 0.46 0.00	26.22 0.39 0.00	22.74 0.31 0.00	23.28 0.37 0.00	23.01 0.36 0.00	24.08 0.40 0.00	25.48 0.43 0.00	27.50 0.43 0.00	28.84 0.51 0.00	33.34 0.56 0.00	43.08 0.77 0.50	51.60 0.83 1.15	52.10 0.84 1.10	47.52 0.70 0.00	38.92 0.65 0.00	30.03 0.09 0.00	26.28 -0.27 0.00
ALLEGHENY___COGEN 23514	19.80 0.12 0.00	16.18 -0.03 0.00	15.74 0.03 0.00	15.08 0.06 0.00	16.23 0.00 0.00	20.31 -0.18 0.00	25.33 -0.33 0.00	26.50 -0.71 0.00	25.32 -0.52 0.00	21.69 -0.74 0.00	22.12 -0.80 0.00	21.84 -0.81 0.00	22.83 -0.85 0.00	24.05 -1.00 0.00	26.15 -0.92 0.00	27.45 -0.88 0.00	30.69 -2.10 0.00	39.21 -2.10 1.50	46.98 -1.45 3.48	48.67 -0.36 3.33	46.81 0.00 0.01	38.26 0.00 0.01	30.71 0.78 0.00	26.89 0.34 0.00
ALTAMONT_115KV_TB 2 55880	20.43 0.75 0.00	16.84 0.63 0.00	16.29 0.58 0.00	15.58 0.56 0.00	16.82 0.58 0.00	21.13 0.64 0.00	26.26 0.59 0.00	27.67 0.46 0.00	26.22 0.39 0.00	22.77 0.34 0.00	23.24 0.32 0.00	22.99 0.34 0.00	24.01 0.33 0.00	25.40 0.35 0.00	27.50 0.43 0.00	28.72 0.42 0.03	33.11 0.52 0.21	41.89 0.60 1.51	49.09 0.67 3.50	49.75 0.73 3.36	47.56 0.75 0.01	38.88 0.61 0.01	30.68 0.75 0.00	27.50 0.96 0.00
ALTONA_WT_PWR 323606	19.63 -0.06 0.00	16.14 -0.06 0.00	15.66 -0.05 0.00	14.98 -0.04 0.00	16.22 -0.02 0.00	20.58 0.08 0.00	26.00 0.33 0.00	27.75 0.54 0.00	26.35 0.52 0.00	22.88 0.45 0.00	23.42 0.50 0.00	23.15 0.50 0.00	24.25 0.57 0.00	25.63 0.58 0.00	27.66 0.59 0.00	29.01 0.68 0.00	33.54 0.75 0.00	43.36 1.03 0.47	52.08 1.24 1.09	52.48 1.15 1.04	47.75 0.94 0.00	39.00 0.73 0.00	30.12 0.18 0.00	26.33 -0.21 0.00
AMERICAN_REF_FUEL 24010	18.54 -1.14 0.00	15.12 -1.09 0.00	14.76 -0.94 0.00	14.09 -0.93 0.00	15.15 -1.09 0.00	18.71 -1.78 0.00	23.05 -2.62 0.00	23.91 -3.29 0.00	23.61 -2.22 0.00	20.52 -1.91 0.00	20.99 -1.93 0.00	20.75 -1.90 0.00	21.71 -1.97 0.00	22.77 -2.28 0.00	24.85 -2.22 0.00	25.95 -2.38 0.00	29.74 -3.05 0.00	37.42 -3.77 1.61	43.77 -4.41 3.74	44.81 -3.98 3.58	43.30 -3.51 0.01	35.43 -2.83 0.01	27.99 -1.95 0.00	24.87 -1.67 0.00
ARKWRIGHT___SUMMIT_WT_PWR 323751	18.90 -0.79 0.00	15.41 -0.79 0.00	14.97 -0.74 0.00	14.30 -0.72 0.00	15.31 -0.92 0.00	19.02 -1.48 0.00	23.61 -2.05 0.00	24.65 -2.56 0.00	24.46 -1.37 0.00	21.44 -0.99 0.00	22.00 -0.92 0.00	21.79 -0.86 0.00	22.85 -0.83 0.00	24.03 -1.03 0.00	26.20 -0.87 0.00	27.39 -0.93 0.00	31.38 -1.41 0.00	39.58 -1.63 1.59	46.51 -1.71 3.70	47.30 -1.52 3.54	44.94 -1.87 0.01	36.39 -1.87 0.01	28.44 -1.50 0.00	25.06 -1.49 0.00
ARTHUR KILL_GT_1 23520	21.37 1.67 -0.01	17.58 1.36 -0.01	16.96 1.24 -0.01	16.20 1.17 -0.01	17.51 1.27 -0.01	21.85 1.35 -0.01	27.06 1.39 -0.01	28.59 1.39 0.00	27.12 1.29 0.00	23.82 1.39 0.00	24.34 1.42 0.00	24.26 1.61 0.00	25.34 1.66 0.00	26.84 1.78 -0.01	29.08 2.00 -0.01	30.70 2.29 -0.08	35.90 2.69 -0.43	40.24 3.21 5.78	40.23 3.37 15.07	40.23 3.14 15.28	40.30 2.81 9.33	39.58 2.18 0.88	32.19 2.25 -0.01	28.81 2.26 -0.01
ARTHUR_KILL_2 23512	21.31 1.61 -0.01	17.53 1.31 -0.01	16.92 1.21 -0.01	16.17 1.14 -0.01	17.43 1.18 -0.01	21.81 1.31 -0.01	27.01 1.33 -0.01	28.54 1.33 0.00	27.05 1.21 0.00	23.78 1.35 0.00	24.29 1.38 0.00	24.19 1.54 0.00	25.27 1.59 0.00	26.74 1.68 -0.01	29.00 1.92 -0.01	30.53 2.13 -0.08	35.77 2.56 -0.43	40.02 3.00 5.78	40.02 3.17 15.07	40.02 2.93 15.28	40.02 2.53 9.33	39.27 1.87 0.88	32.10 2.16 -0.01	28.67 2.12 -0.01
ARTHUR_KILL_3 23513	21.18 1.50 0.00	17.42 1.22 0.00	16.81 1.10 0.00	16.06 1.04 0.00	17.31 1.07 0.00	21.68 1.19 0.00	26.98 1.31 0.00	28.53 1.33 0.01	27.12 1.29 0.00	23.78 1.35 0.00	24.29 1.38 0.00	24.12 1.47 0.00	25.20 1.52 0.00	26.66 1.60 0.00	28.94 1.87 0.00	30.47 2.07 -0.07	35.70 2.49 -0.42	39.98 2.95 5.77	39.92 3.06 15.06	39.98 2.88 15.27	40.03 2.53 9.32	39.26 1.87 0.89	31.82 1.89 0.00	28.40 1.86 0.00

ARTHUR_KILL_COGEN 323718	21.36 1.67 -0.01	17.58 1.36 -0.01	16.97 1.26 -0.01	16.20 1.17 -0.01	17.46 1.22 -0.01	21.85 1.35 -0.01	27.06 1.39 -0.01	28.59 1.39 0.00	27.12 1.29 0.00	23.84 1.41 0.00	24.34 1.42 0.00	24.26 1.61 0.00	25.34 1.66 0.00	26.82 1.75 -0.01	29.08 2.00 -0.01	30.62 2.21 -0.08	35.87 2.65 -0.43	40.15 3.12 5.78	40.23 3.37 15.07	40.23 3.14 15.28	40.21 2.71 9.33	39.38 1.99 0.88	32.19 2.25 -0.01	28.73 2.18 -0.01
ASHOKAN____ 23654	21.22 1.54 0.00	17.49 1.28 0.00	16.90 1.19 0.00	16.14 1.11 0.00	17.40 1.17 0.00	21.85 1.35 0.00	27.15 1.49 0.00	28.56 1.36 0.00	26.89 1.06 0.00	23.21 0.78 0.00	23.63 0.71 0.00	23.45 0.79 0.00	24.51 0.83 0.00	26.03 0.98 0.00	28.34 1.27 0.00	29.94 1.61 0.00	34.98 2.20 0.00	44.04 2.70 1.46	51.80 3.27 3.39	52.48 3.35 3.24	49.90 3.09 0.01	40.83 2.56 0.01	32.21 2.27 0.00	28.67 2.12 0.00
ASTORIA_EAST_ENERGY_CC1 323581	21.50 1.81 -0.01	17.64 1.43 -0.01	17.02 1.30 -0.01	16.26 1.23 -0.01	17.52 1.28 -0.01	22.02 1.52 -0.01	26.94 1.28 0.01	28.56 1.36 0.01	27.14 1.32 0.01	23.86 1.44 0.01	24.40 1.49 0.01	24.28 1.63 0.01	25.33 1.66 0.01	26.75 1.70 0.01	29.01 1.95 0.01	30.51 2.13 -0.06	35.72 2.52 -0.41	44.42 3.04 1.42	51.91 3.27 3.28	52.21 2.98 3.15	49.38 2.57 0.02	40.17 1.91 0.02	32.00 2.06 0.00	28.61 2.07 0.00
ASTORIA_EAST_ENERGY_CC2 323582	21.50 1.81 -0.01	17.66 1.44 -0.01	17.02 1.30 -0.01	16.26 1.23 -0.01	17.54 1.30 -0.01	22.02 1.52 -0.01	26.94 1.28 0.01	28.56 1.36 0.01	27.14 1.32 0.01	23.86 1.44 0.01	24.40 1.49 0.01	24.28 1.63 0.01	25.33 1.66 0.01	26.75 1.70 0.01	29.01 1.95 0.01	30.51 2.13 -0.06	35.72 2.52 -0.41	44.42 3.04 1.42	51.91 3.27 3.28	52.21 2.98 3.15	49.38 2.57 0.02	40.17 1.91 0.02	32.00 2.06 0.00	28.61 2.07 0.00
ASTORIA_GT2_1 24094	21.50 1.81 -0.01	17.66 1.44 -0.01	17.03 1.32 -0.01	16.26 1.23 -0.01	17.59 1.35 -0.01	22.04 1.54 -0.01	26.98 1.31 0.00	28.56 1.36 0.00	27.18 1.34 0.00	23.87 1.44 0.00	24.41 1.49 0.00	24.28 1.63 0.00	25.34 1.66 0.00	26.78 1.73 0.00	29.01 1.95 0.00	30.60 2.21 -0.07	35.80 2.59 -0.42	44.51 3.12 1.41	51.92 3.27 3.28	52.22 2.98 3.14	49.53 2.72 0.01	40.37 2.11 0.01	32.03 2.10 0.00	28.72 2.18 0.00
ASTORIA_GT2_2 24095	21.50 1.81 -0.01	17.66 1.44 -0.01	17.03 1.32 -0.01	16.26 1.23 -0.01	17.59 1.35 -0.01	22.04 1.54 -0.01	26.98 1.31 0.00	28.56 1.36 0.00	27.18 1.34 0.00	23.87 1.44 0.00	24.41 1.49 0.00	24.28 1.63 0.00	25.34 1.66 0.00	26.78 1.73 0.00	29.01 1.95 0.00	30.60 2.21 -0.07	35.80 2.59 -0.42	44.51 3.12 1.41	51.92 3.27 3.28	52.22 2.98 3.14	49.53 2.72 0.01	40.37 2.11 0.01	32.03 2.10 0.00	28.72 2.18 0.00
ASTORIA_GT2_3 24096	21.50 1.81 -0.01	17.66 1.44 -0.01	17.03 1.32 -0.01	16.26 1.23 -0.01	17.59 1.35 -0.01	22.04 1.54 -0.01	26.98 1.31 0.00	28.56 1.36 0.00	27.18 1.34 0.00	23.87 1.44 0.00	24.41 1.49 0.00	24.28 1.63 0.00	25.34 1.66 0.00	26.78 1.73 0.00	29.01 1.95 0.00	30.60 2.21 -0.07	35.80 2.59 -0.42	44.51 3.12 1.41	51.92 3.27 3.28	52.22 2.98 3.14	49.53 2.72 0.01	40.37 2.11 0.01	32.03 2.10 0.00	28.72 2.18 0.00
ASTORIA_GT2_4 24097	21.50 1.81 -0.01	17.66 1.44 -0.01	17.03 1.32 -0.01	16.26 1.23 -0.01	17.59 1.35 -0.01	22.04 1.54 -0.01	26.98 1.31 0.00	28.56 1.36 0.00	27.18 1.34 0.00	23.87 1.44 0.00	24.41 1.49 0.00	24.28 1.63 0.00	25.34 1.66 0.00	26.78 1.73 0.00	29.01 1.95 0.00	30.60 2.21 -0.07	35.80 2.59 -0.42	44.51 3.12 1.41	51.92 3.27 3.28	52.22 2.98 3.14	49.53 2.72 0.01	40.37 2.11 0.01	32.03 2.10 0.00	28.72 2.18 0.00
ASTORIA_GT3_1 24098	21.50 1.81 -0.01	17.66 1.44 -0.01	17.03 1.32 -0.01	16.26 1.23 -0.01	17.59 1.35 -0.01	22.04 1.54 -0.01	26.98 1.31 0.00	28.56 1.36 0.00	27.18 1.34 0.00	23.87 1.44 0.00	24.41 1.49 0.00	24.28 1.63 0.00	25.34 1.66 0.00	26.78 1.73 0.00	29.01 1.95 0.00	30.60 2.21 -0.07	35.80 2.59 -0.42	44.51 3.12 1.41	51.92 3.27 3.28	52.22 2.98 3.14	49.53 2.72 0.01	40.37 2.11 0.01	32.03 2.10 0.00	28.72 2.18 0.00
ASTORIA_GT3_2 24099	21.50 1.81 -0.01	17.66 1.44 -0.01	17.03 1.32 -0.01	16.26 1.23 -0.01	17.59 1.35 -0.01	22.04 1.54 -0.01	26.98 1.31 0.00	28.56 1.36 0.00	27.18 1.34 0.00	23.87 1.44 0.00	24.41 1.49 0.00	24.28 1.63 0.00	25.34 1.66 0.00	26.78 1.73 0.00	29.01 1.95 0.00	30.60 2.21 -0.07	35.80 2.59 -0.42	44.51 3.12 1.41	51.92 3.27 3.28	52.22 2.98 3.14	49.53 2.72 0.01	40.37 2.11 0.01	32.03 2.10 0.00	28.72 2.18 0.00
ASTORIA_GT3_3 24100	21.50 1.81 -0.01	17.66 1.44 -0.01	17.03 1.32 -0.01	16.26 1.23 -0.01	17.59 1.35 -0.01	22.04 1.54 -0.01	26.98 1.31 0.00	28.56 1.36 0.00	27.18 1.34 0.00	23.87 1.44 0.00	24.41 1.49 0.00	24.28 1.63 0.00	25.34 1.66 0.00	26.78 1.73 0.00	29.01 1.95 0.00	30.60 2.21 -0.07	35.80 2.59 -0.42	44.51 3.12 1.41	51.92 3.27 3.28	52.22 2.98 3.14	49.53 2.72 0.01	40.37 2.11 0.01	32.03 2.10 0.00	28.72 2.18 0.00
ASTORIA_GT3_4 24101	21.50 1.81 -0.01	17.66 1.44 -0.01	17.03 1.32 -0.01	16.26 1.23 -0.01	17.59 1.35 -0.01	22.04 1.54 -0.01	26.98 1.31 0.00	28.56 1.36 0.00	27.18 1.34 0.00	23.87 1.44 0.00	24.41 1.49 0.00	24.28 1.63 0.00	25.34 1.66 0.00	26.78 1.73 0.00	29.01 1.95 0.00	30.60 2.21 -0.07	35.80 2.59 -0.42	44.51 3.12 1.41	51.92 3.27 3.28	52.22 2.98 3.14	49.53 2.72 0.01	40.37 2.11 0.01	32.03 2.10 0.00	28.72 2.18 0.00
ASTORIA_GT4_1 24102	21.50 1.81 -0.01	17.66 1.44 -0.01	17.03 1.32 -0.01	16.26 1.23 -0.01	17.59 1.35 -0.01	22.04 1.54 -0.01	26.98 1.31 0.00	28.56 1.36 0.00	27.18 1.34 0.00	23.87 1.44 0.00	24.41 1.49 0.00	24.28 1.63 0.00	25.34 1.66 0.00	26.78 1.73 0.00	29.01 1.95 0.00	30.60 2.21 -0.07	35.80 2.59 -0.42	44.51 3.12 1.41	51.92 3.27 3.28	52.22 2.98 3.14	49.53 2.72 0.01	40.37 2.11 0.01	32.03 2.10 0.00	28.72 2.18 0.00
ASTORIA_GT4_2 24103	21.50 1.81 -0.01	17.66 1.44 -0.01	17.03 1.32 -0.01	16.26 1.23 -0.01	17.59 1.35 -0.01	22.04 1.54 -0.01	26.98 1.31 0.00	28.56 1.36 0.00	27.18 1.34 0.00	23.87 1.44 0.00	24.41 1.49 0.00	24.28 1.63 0.00	25.34 1.66 0.00	26.78 1.73 0.00	29.01 1.95 0.00	30.60 2.21 -0.07	35.80 2.59 -0.42	44.51 3.12 1.41	51.92 3.27 3.28	52.22 2.98 3.14	49.53 2.72 0.01	40.37 2.11 0.01	32.03 2.10 0.00	28.72 2.18 0.00
ASTORIA_GT4_3 24104	21.50 1.81 -0.01	17.66 1.44 -0.01	17.03 1.32 -0.01	16.26 1.23 -0.01	17.59 1.35 -0.01	22.04 1.54 -0.01	26.98 1.31 0.00	28.56 1.36 0.00	27.18 1.34 0.00	23.87 1.44 0.00	24.41 1.49 0.00	24.28 1.63 0.00	25.34 1.66 0.00	26.78 1.73 0.00	29.01 1.95 0.00	30.60 2.21 -0.07	35.80 2.59 -0.42	44.51 3.12 1.41	51.92 3.27 3.28	52.22 2.98 3.14	49.53 2.72 0.01	40.37 2.11 0.01	32.03 2.10 0.00	28.72 2.18 0.00

ASTORIA_GT4_4 24105	21.50 1.81 -0.01	17.66 1.44 -0.01	17.03 1.32 -0.01	16.26 1.23 -0.01	17.59 1.35 -0.01	22.04 1.54 -0.01	26.98 1.31 0.00	28.56 1.36 0.00	27.18 1.34 0.00	23.87 1.44 0.00	24.41 1.49 0.00	24.28 1.63 0.00	25.34 1.66 0.00	26.78 1.73 0.00	29.01 1.95 0.00	30.60 2.21 -0.07	35.80 2.59 -0.42	44.51 3.12 1.41	51.92 3.27 3.28	52.22 2.98 3.14	49.53 2.72 0.01	40.37 2.11 0.01	32.03 2.10 0.00	28.72 2.18 0.00
ASTORIA_GT_1 23523	21.54 1.85 -0.01	17.69 1.47 -0.01	17.07 1.35 -0.01	16.29 1.26 -0.01	17.61 1.36 -0.01	22.06 1.56 -0.01	27.00 1.33 0.00	28.62 1.41 0.00	27.23 1.39 0.00	23.91 1.48 0.00	24.45 1.54 0.00	24.33 1.68 0.00	25.38 1.70 0.00	26.83 1.78 0.00	29.07 2.00 0.00	30.66 2.27 -0.07	35.86 2.66 -0.42	44.60 3.21 1.41	52.02 3.37 3.28	52.37 3.14 3.14	49.62 2.81 0.01	40.45 2.18 0.01	32.09 2.16 0.00	28.74 2.20 0.00
ASTORIA_GT_10 24110	21.39 1.69 -0.01	17.59 1.38 -0.01	16.97 1.26 -0.01	16.22 1.19 -0.01	17.52 1.28 -0.01	21.89 1.39 -0.01	27.10 1.44 0.00	28.67 1.47 0.00	27.25 1.42 0.00	23.91 1.48 0.00	24.41 1.49 0.00	24.28 1.63 0.00	25.36 1.68 0.00	26.81 1.75 0.00	29.07 2.00 0.00	30.66 2.27 -0.07	35.83 2.62 -0.42	44.64 3.25 1.41	52.07 3.43 3.28	52.37 3.14 3.14	49.67 2.86 0.01	40.48 2.22 0.01	32.03 2.10 0.00	28.67 2.12 0.00
ASTORIA_GT_11 24225	21.39 1.69 -0.01	17.59 1.38 -0.01	16.97 1.26 -0.01	16.22 1.19 -0.01	17.52 1.28 -0.01	21.89 1.39 -0.01	27.10 1.44 0.00	28.67 1.47 0.00	27.25 1.42 0.00	23.91 1.48 0.00	24.41 1.49 0.00	24.28 1.63 0.00	25.36 1.68 0.00	26.81 1.75 0.00	29.07 2.00 0.00	30.66 2.27 -0.07	35.83 2.62 -0.42	44.64 3.25 1.41	52.07 3.43 3.28	52.37 3.14 3.14	49.67 2.86 0.01	40.48 2.22 0.01	32.03 2.10 0.00	28.67 2.12 0.00
ASTORIA_GT_12 24226	21.39 1.69 -0.01	17.59 1.38 -0.01	16.97 1.26 -0.01	16.22 1.19 -0.01	17.52 1.28 -0.01	21.89 1.39 -0.01	27.10 1.44 0.00	28.67 1.47 0.00	27.25 1.42 0.00	23.91 1.48 0.00	24.41 1.49 0.00	24.28 1.63 0.00	25.36 1.68 0.00	26.81 1.75 0.00	29.07 2.00 0.00	30.66 2.27 -0.07	35.83 2.62 -0.42	44.64 3.25 1.41	52.07 3.43 3.28	52.37 3.14 3.14	49.67 2.86 0.01	40.48 2.22 0.01	32.03 2.10 0.00	28.67 2.12 0.00
ASTORIA_GT_13 24227	21.39 1.69 -0.01	17.59 1.38 -0.01	16.97 1.26 -0.01	16.22 1.19 -0.01	17.52 1.28 -0.01	21.89 1.39 -0.01	27.10 1.44 0.00	28.67 1.47 0.00	27.25 1.42 0.00	23.91 1.48 0.00	24.41 1.49 0.00	24.28 1.63 0.00	25.36 1.68 0.00	26.81 1.75 0.00	29.07 2.00 0.00	30.66 2.27 -0.07	35.83 2.62 -0.42	44.64 3.25 1.41	52.07 3.43 3.28	52.37 3.14 3.14	49.67 2.86 0.01	40.48 2.22 0.01	32.03 2.10 0.00	28.67 2.12 0.00
ASTORIA_GT_5 24106	21.54 1.85 -0.01	17.69 1.47 -0.01	17.07 1.35 -0.01	16.29 1.26 -0.01	17.61 1.36 -0.01	22.06 1.56 -0.01	27.00 1.33 0.00	28.62 1.41 0.00	27.23 1.39 0.00	23.91 1.48 0.00	24.45 1.54 0.00	24.33 1.68 0.00	25.38 1.70 0.00	26.83 1.78 0.00	29.07 2.00 0.00	30.66 2.27 -0.07	35.86 2.66 -0.42	44.60 3.21 1.41	52.02 3.37 3.28	52.37 3.14 3.14	49.62 2.81 0.01	40.45 2.18 0.01	32.09 2.16 0.00	28.74 2.20 0.00
ASTORIA_GT_7 24107	21.54 1.85 -0.01	17.69 1.47 -0.01	17.07 1.35 -0.01	16.29 1.26 -0.01	17.61 1.36 -0.01	22.06 1.56 -0.01	27.00 1.33 0.00	28.62 1.41 0.00	27.23 1.39 0.00	23.91 1.48 0.00	24.45 1.54 0.00	24.33 1.68 0.00	25.38 1.70 0.00	26.83 1.78 0.00	29.07 2.00 0.00	30.66 2.27 -0.07	35.86 2.66 -0.42	44.60 3.21 1.41	52.02 3.37 3.28	52.37 3.14 3.14	49.62 2.81 0.01	40.45 2.18 0.01	32.09 2.16 0.00	28.74 2.20 0.00
ASTORIA_GT_8 24108	21.54 1.85 -0.01	17.69 1.47 -0.01	17.07 1.35 -0.01	16.29 1.26 -0.01	17.61 1.36 -0.01	22.06 1.56 -0.01	27.00 1.33 0.00	28.62 1.41 0.00	27.23 1.39 0.00	23.91 1.48 0.00	24.45 1.54 0.00	24.33 1.68 0.00	25.38 1.70 0.00	26.83 1.78 0.00	29.07 2.00 0.00	30.66 2.27 -0.07	35.86 2.66 -0.42	44.60 3.21 1.41	52.02 3.37 3.28	52.37 3.14 3.14	49.62 2.81 0.01	40.45 2.18 0.01	32.09 2.16 0.00	28.74 2.20 0.00
ASTORIA___2 24149	21.50 1.81 -0.01	17.66 1.44 -0.01	17.02 1.30 -0.01	16.26 1.23 -0.01	17.54 1.30 -0.01	22.02 1.52 -0.01	26.97 1.31 0.01	28.56 1.36 0.01	27.17 1.34 0.01	23.88 1.46 0.01	24.40 1.49 0.01	24.28 1.63 0.01	25.33 1.66 0.01	26.77 1.73 0.01	29.01 1.95 0.01	30.54 2.15 -0.06	35.76 2.56 -0.41	44.46 3.08 1.42	51.91 3.27 3.28	52.21 2.98 3.15	49.42 2.62 0.02	40.17 1.91 0.02	32.00 2.06 0.00	28.61 2.07 0.00
ASTORIA___3 23516	21.39 1.69 -0.01	17.58 1.36 -0.01	16.97 1.26 -0.01	16.22 1.19 -0.01	17.48 1.23 -0.01	21.90 1.39 -0.01	27.10 1.44 0.00	28.67 1.47 0.00	27.23 1.39 0.00	23.91 1.48 0.00	24.41 1.49 0.00	24.29 1.63 0.00	25.36 1.68 0.00	26.81 1.75 0.00	29.07 2.00 0.00	30.58 2.18 -0.07	35.83 2.62 -0.42	44.60 3.21 1.41	52.07 3.43 3.28	52.37 3.14 3.14	49.57 2.76 0.01	40.33 2.07 0.01	32.00 2.06 0.00	28.61 2.07 0.00
ASTORIA___4 23517	21.39 1.69 -0.01	17.59 1.38 -0.01	16.97 1.26 -0.01	16.22 1.19 -0.01	17.52 1.28 -0.01	21.89 1.39 -0.01	27.10 1.44 0.00	28.67 1.47 0.00	27.25 1.42 0.00	23.91 1.48 0.00	24.41 1.49 0.00	24.28 1.63 0.00	25.36 1.68 0.00	26.81 1.75 0.00	29.07 2.00 0.00	30.66 2.27 -0.07	35.83 2.62 -0.42	44.64 3.25 1.41	52.07 3.43 3.28	52.37 3.14 3.14	49.67 2.86 0.01	40.48 2.22 0.01	32.03 2.10 0.00	28.67 2.12 0.00
ASTORIA___5 23518	21.39 1.69 -0.01	17.58 1.36 -0.01	16.97 1.26 -0.01	16.22 1.19 -0.01	17.48 1.23 -0.01	21.90 1.39 -0.01	27.10 1.44 0.00	28.67 1.47 0.00	27.23 1.39 0.00	23.91 1.48 0.00	24.41 1.49 0.00	24.29 1.63 0.00	25.36 1.68 0.00	26.81 1.75 0.00	29.07 2.00 0.00	30.58 2.18 -0.07	35.83 2.62 -0.42	44.60 3.21 1.41	52.07 3.43 3.28	52.37 3.14 3.14	49.57 2.76 0.01	40.33 2.07 0.01	32.00 2.06 0.00	28.61 2.07 0.00
AST_ENERGY_2_CC3 323677	21.28 1.59 0.00	17.49 1.28 0.00	16.89 1.18 0.00	16.14 1.11 0.00	17.37 1.14 0.00	21.76 1.27 0.00	27.05 1.39 0.00	27.66 1.41 0.96	27.17 1.34 0.00	23.82 1.39 0.00	24.34 1.42 0.00	24.19 1.54 0.00	25.27 1.59 0.00	26.71 1.65 0.00	28.99 1.92 0.00	29.98 2.13 0.47	29.98 2.56 5.37	32.27 3.08 13.62	32.55 3.22 22.59	36.06 3.04 19.34	33.26 2.71 16.27	30.48 1.99 9.78	29.98 1.94 1.90	28.48 1.94 0.00
AST_ENERGY_2_CC4 323678	21.28 1.59 0.00	17.49 1.28 0.00	16.89 1.18 0.00	16.14 1.11 0.00	17.37 1.14 0.00	21.76 1.27 0.00	27.05 1.39 0.00	27.66 1.41 0.96	27.17 1.34 0.00	23.82 1.39 0.00	24.34 1.42 0.00	24.19 1.54 0.00	25.27 1.59 0.00	26.71 1.65 0.00	28.99 1.92 0.00	29.98 2.13 0.47	29.98 2.56 5.37	32.27 3.08 13.62	32.55 3.22 22.59	36.06 3.04 19.34	33.26 2.71 16.27	30.48 1.99 9.78	29.98 1.94 1.90	28.48 1.94 0.00

ATHENS_STG_1 23668	20.55 0.87 0.00	16.92 0.71 0.00	16.37 0.66 0.00	15.65 0.63 0.00	16.88 0.65 0.00	21.21 0.72 0.00	26.38 0.72 0.00	27.83 0.63 0.00	26.38 0.54 0.00	22.95 0.52 0.00	23.45 0.53 0.00	23.22 0.57 0.00	24.27 0.59 0.00	25.68 0.63 0.00	27.77 0.70 0.00	28.97 0.62 -0.02	33.66 0.75 -0.12	42.19 0.86 1.47	49.40 0.88 3.41	49.94 0.84 3.26	47.61 0.80 0.01	38.91 0.65 0.01	30.80 0.87 0.00	27.68 1.14 0.00
ATHENS_STG_2 23670	20.55 0.87 0.00	16.92 0.71 0.00	16.37 0.66 0.00	15.65 0.63 0.00	16.88 0.65 0.00	21.21 0.72 0.00	26.38 0.72 0.00	27.83 0.63 0.00	26.38 0.54 0.00	22.95 0.52 0.00	23.45 0.53 0.00	23.22 0.57 0.00	24.27 0.59 0.00	25.68 0.63 0.00	27.77 0.70 0.00	28.97 0.62 -0.02	33.66 0.75 -0.12	42.19 0.86 1.47	49.40 0.88 3.41	49.94 0.84 3.26	47.61 0.80 0.01	38.91 0.65 0.01	30.80 0.87 0.00	27.68 1.14 0.00
ATHENS_STG_3 23677	20.55 0.87 0.00	16.92 0.71 0.00	16.37 0.66 0.00	15.65 0.63 0.00	16.88 0.65 0.00	21.21 0.72 0.00	26.38 0.72 0.00	27.83 0.63 0.00	26.38 0.54 0.00	22.95 0.52 0.00	23.45 0.53 0.00	23.22 0.57 0.00	24.27 0.59 0.00	25.68 0.63 0.00	27.77 0.70 0.00	28.97 0.62 -0.02	33.66 0.75 -0.12	42.19 0.86 1.47	49.40 0.88 3.41	49.94 0.84 3.26	47.61 0.80 0.01	38.91 0.65 0.01	30.80 0.87 0.00	27.68 1.14 0.00
AUBURN___LFGE 323710	19.65 -0.04 0.00	16.16 -0.05 0.00	15.66 -0.05 0.00	14.98 -0.05 0.00	16.14 -0.10 0.00	20.31 -0.18 0.00	25.36 -0.31 0.00	26.85 -0.35 0.00	25.57 -0.26 0.00	22.16 -0.27 0.00	22.64 -0.28 0.00	22.34 -0.32 0.00	23.35 -0.33 0.00	24.73 -0.33 0.00	26.74 -0.32 0.00	27.93 -0.40 0.00	32.39 -0.39 0.00	42.07 -0.26 0.48	50.87 0.05 1.11	51.36 0.05 1.06	46.86 0.05 0.00	38.31 0.04 0.00	30.06 0.12 0.00	26.65 0.11 0.00
BABYLON_RES_REC 323704	21.59 1.89 -0.01	17.79 1.57 -0.01	17.09 1.38 0.00	16.32 1.29 0.00	17.68 1.44 0.00	22.05 1.56 0.00	27.65 1.98 -0.01	29.23 2.01 -0.01	27.51 1.68 0.00	24.19 1.75 -0.01	24.69 1.76 -0.01	24.45 1.79 -0.01	25.54 1.85 -0.01	27.02 1.96 -0.01	29.27 2.14 -0.07	36.81 2.35 -6.14	42.22 2.82 -6.61	47.03 3.21 -1.02	58.40 3.58 -2.90	55.61 3.51 0.27	54.82 3.14 -4.86	43.27 2.45 -2.54	38.88 2.46 -6.49	30.75 2.39 -1.82
BALL_HILL_WT_PWR 323825	18.96 -0.73 0.00	15.48 -0.73 0.00	15.06 -0.64 0.00	14.38 -0.65 0.00	15.42 -0.81 0.00	19.16 -1.33 0.00	23.77 -1.90 0.00	24.78 -2.42 0.00	24.46 -1.37 0.00	21.33 -1.10 0.00	21.84 -1.08 0.00	21.59 -1.06 0.00	22.61 -1.07 0.00	23.78 -1.28 0.00	25.93 -1.14 0.00	27.08 -1.25 0.00	31.08 -1.71 0.00	39.23 -1.97 1.60	46.07 -2.13 3.72	47.08 -1.73 3.56	45.08 -1.73 0.01	36.73 -1.53 0.01	28.86 -1.08 0.00	25.45 -1.09 0.00
BARON_WINDS___WT_PWR 323822	19.49 -0.20 0.00	15.95 -0.26 0.00	15.50 -0.20 0.00	14.83 -0.20 0.00	15.96 -0.28 0.00	19.92 -0.57 0.00	24.74 -0.92 0.00	25.93 -1.28 0.00	25.00 -0.83 0.00	21.69 -0.74 0.00	22.16 -0.76 0.00	21.91 -0.75 0.00	22.92 -0.76 0.00	24.23 -0.83 0.00	26.28 -0.79 0.00	27.45 -0.88 0.00	31.61 -1.18 0.00	40.17 -1.15 1.48	47.54 -0.93 3.45	48.59 -0.47 3.30	46.34 -0.47 0.01	37.84 -0.42 0.01	29.67 -0.27 0.00	25.98 -0.56 0.00
BARRETT_IC_1 23704	21.43 1.73 -0.02	17.70 1.47 -0.02	17.03 1.32 0.00	16.26 1.23 0.00	17.60 1.36 0.00	21.97 1.48 0.00	27.47 1.80 -0.01	28.96 1.74 -0.02	27.41 1.58 0.00	24.05 1.62 -0.01	24.56 1.63 -0.01	24.32 1.65 -0.01	25.37 1.68 -0.01	26.84 1.78 -0.01	29.59 1.97 -0.55	90.18 2.21 -59.64	72.49 2.59 -37.11	68.23 3.00 -22.43	69.41 3.12 -14.37	67.81 3.19 -12.25	97.50 2.86 -47.83	65.62 2.34 -25.01	72.49 2.16 -40.40	46.54 2.18 -17.82
BARRETT_IC_10 23701	21.43 1.73 -0.02	17.70 1.47 -0.02	17.03 1.32 0.00	16.26 1.23 0.00	17.60 1.36 0.00	21.97 1.48 0.00	27.47 1.80 -0.01	28.96 1.74 -0.02	27.41 1.58 0.00	24.05 1.62 -0.01	24.56 1.63 -0.01	24.32 1.65 -0.01	25.37 1.68 -0.01	26.84 1.78 -0.01	29.59 1.97 -0.55	90.18 2.21 -59.64	72.49 2.59 -37.11	68.23 3.00 -22.43	69.41 3.12 -14.37	67.81 3.19 -12.25	97.50 2.86 -47.83	65.62 2.34 -25.01	72.49 2.16 -40.40	46.54 2.18 -17.82
BARRETT_IC_11 23702	21.43 1.73 -0.02	17.70 1.47 -0.02	17.03 1.32 0.00	16.26 1.23 0.00	17.60 1.36 0.00	21.97 1.48 0.00	27.47 1.80 -0.01	28.96 1.74 -0.02	27.41 1.58 0.00	24.05 1.62 -0.01	24.56 1.63 -0.01	24.32 1.65 -0.01	25.37 1.68 -0.01	26.84 1.78 -0.01	29.59 1.97 -0.55	90.18 2.21 -59.64	72.49 2.59 -37.11	68.23 3.00 -22.43	69.41 3.12 -14.37	67.81 3.19 -12.25	97.50 2.86 -47.83	65.62 2.34 -25.01	72.49 2.16 -40.40	46.54 2.18 -17.82
BARRETT_IC_12 23703	21.43 1.73 -0.02	17.70 1.47 -0.02	17.03 1.32 0.00	16.26 1.23 0.00	17.60 1.36 0.00	21.97 1.48 0.00	27.47 1.80 -0.01	28.96 1.74 -0.02	27.41 1.58 0.00	24.05 1.62 -0.01	24.56 1.63 -0.01	24.32 1.65 -0.01	25.37 1.68 -0.01	26.84 1.78 -0.01	29.59 1.97 -0.55	90.18 2.21 -59.64	72.49 2.59 -37.11	68.23 3.00 -22.43	69.41 3.12 -14.37	67.81 3.19 -12.25	97.50 2.86 -47.83	65.62 2.34 -25.01	72.49 2.16 -40.40	46.54 2.18 -17.82
BARRETT_IC_2 23705	21.43 1.73 -0.02	17.70 1.47 -0.02	17.03 1.32 0.00	16.26 1.23 0.00	17.60 1.36 0.00	21.97 1.48 0.00	27.47 1.80 -0.01	28.96 1.74 -0.02	27.41 1.58 0.00	24.05 1.62 -0.01	24.56 1.63 -0.01	24.32 1.65 -0.01	25.37 1.68 -0.01	26.84 1.78 -0.01	29.59 1.97 -0.55	90.18 2.21 -59.64	72.49 2.59 -37.11	68.23 3.00 -22.43	69.41 3.12 -14.37	67.81 3.19 -12.25	97.50 2.86 -47.83	65.62 2.34 -25.01	72.49 2.16 -40.40	46.54 2.18 -17.82
BARRETT_IC_3 23706	21.43 1.73 -0.02	17.70 1.47 -0.02	17.03 1.32 0.00	16.26 1.23 0.00	17.60 1.36 0.00	21.97 1.48 0.00	27.47 1.80 -0.01	28.96 1.74 -0.02	27.41 1.58 0.00	24.05 1.62 -0.01	24.56 1.63 -0.01	24.32 1.65 -0.01	25.37 1.68 -0.01	26.84 1.78 -0.01	29.59 1.97 -0.55	90.18 2.21 -59.64	72.49 2.59 -37.11	68.23 3.00 -22.43	69.41 3.12 -14.37	67.81 3.19 -12.25	97.50 2.86 -47.83	65.62 2.34 -25.01	72.49 2.16 -40.40	46.54 2.18 -17.82
BARRETT_IC_4 23707	21.43 1.73 -0.02	17.70 1.47 -0.02	17.03 1.32 0.00	16.26 1.23 0.00	17.60 1.36 0.00	21.97 1.48 0.00	27.47 1.80 -0.01	28.96 1.74 -0.02	27.41 1.58 0.00	24.05 1.62 -0.01	24.56 1.63 -0.01	24.32 1.65 -0.01	25.37 1.68 -0.01	26.84 1.78 -0.01	29.59 1.97 -0.55	90.18 2.21 -59.64	72.49 2.59 -37.11	68.23 3.00 -22.43	69.41 3.12 -14.37	67.81 3.19 -12.25	97.50 2.86 -47.83	65.62 2.34 -25.01	72.49 2.16 -40.40	46.54 2.18 -17.82
BARRETT_IC_5 23708	21.43 1.73 -0.02	17.70 1.47 -0.02	17.03 1.32 0.00	16.26 1.23 0.00	17.60 1.36 0.00	21.97 1.48 0.00	27.47 1.80 -0.01	28.96 1.74 -0.02	27.41 1.58 0.00	24.05 1.62 -0.01	24.56 1.63 -0.01	24.32 1.65 -0.01	25.37 1.68 -0.01	26.84 1.78 -0.01	29.59 1.97 -0.55	90.18 2.21 -59.64	72.49 2.59 -37.11	68.23 3.00 -22.43	69.41 3.12 -14.37	67.81 3.19 -12.25	97.50 2.86 -47.83	65.62 2.34 -25.01	72.49 2.16 -40.40	46.54 2.18 -17.82

BARRETT_IC_6 23709	21.43 1.73 -0.02	17.70 1.47 -0.02	17.03 1.32 0.00	16.26 1.23 0.00	17.60 1.36 0.00	21.97 1.48 0.00	27.47 1.80 -0.01	28.96 1.74 -0.02	27.41 1.58 0.00	24.05 1.62 -0.01	24.56 1.63 -0.01	24.32 1.65 -0.01	25.37 1.68 -0.01	26.84 1.78 -0.01	29.59 1.97 -0.55	90.18 2.21 -59.64	72.49 2.59 -37.11	68.23 3.00 -22.43	69.41 3.12 -14.37	67.81 3.19 -12.25	97.50 2.86 -47.83	65.62 2.34 -25.01	72.49 2.16 -40.40	46.54 2.18 -17.82
BARRETT_IC_7 23710	21.43 1.73 -0.01	17.69 1.47 -0.01	17.03 1.32 0.00	16.26 1.23 0.00	17.65 1.41 0.00	21.99 1.50 0.00	27.47 1.80 -0.01	28.96 1.74 -0.01	27.41 1.58 0.00	24.05 1.61 -0.01	24.55 1.63 -0.01	24.32 1.65 -0.01	25.37 1.68 -0.01	26.84 1.78 -0.01	29.59 1.98 -0.55	90.29 2.32 -59.64	72.43 2.52 -37.11	68.27 3.04 -22.43	69.36 3.06 -14.37	67.70 3.09 -12.25	97.60 2.95 -47.83	65.62 2.33 -25.01	72.61 2.28 -40.40	46.59 2.23 -17.82
BARRETT_IC_8 23711	21.43 1.73 -0.02	17.70 1.47 -0.02	17.03 1.32 0.00	16.26 1.23 0.00	17.60 1.36 0.00	21.97 1.48 0.00	27.47 1.80 -0.01	28.96 1.74 -0.02	27.41 1.58 0.00	24.05 1.62 -0.01	24.56 1.63 -0.01	24.32 1.65 -0.01	25.37 1.68 -0.01	26.84 1.78 -0.01	29.59 1.97 -0.55	90.18 2.21 -59.64	72.49 2.59 -37.11	68.23 3.00 -22.43	69.41 3.12 -14.37	67.81 3.19 -12.25	97.50 2.86 -47.83	65.62 2.34 -25.01	72.49 2.16 -40.40	46.54 2.18 -17.82
BARRETT_IC_9 23700	21.43 1.73 -0.02	17.70 1.47 -0.02	17.03 1.32 0.00	16.26 1.23 0.00	17.60 1.36 0.00	21.97 1.48 0.00	27.47 1.80 -0.01	28.96 1.74 -0.02	27.41 1.58 0.00	24.05 1.62 -0.01	24.56 1.63 -0.01	24.32 1.65 -0.01	25.37 1.68 -0.01	26.84 1.78 -0.01	29.59 1.97 -0.55	90.18 2.21 -59.64	72.49 2.59 -37.11	68.23 3.00 -22.43	69.41 3.12 -14.37	67.81 3.19 -12.25	97.50 2.86 -47.83	65.62 2.34 -25.01	72.49 2.16 -40.40	46.54 2.18 -17.82
BARRETT___1 23545	21.43 1.73 -0.02	17.70 1.47 -0.02	17.03 1.32 0.00	16.26 1.23 0.00	17.60 1.36 0.00	21.97 1.48 0.00	27.47 1.80 -0.01	28.96 1.74 -0.02	27.41 1.58 0.00	24.05 1.62 -0.01	24.56 1.63 -0.01	24.32 1.65 -0.01	25.37 1.68 -0.01	26.84 1.78 -0.01	29.59 1.97 -0.55	90.18 2.21 -59.64	72.49 2.59 -37.11	68.23 3.00 -22.43	69.41 3.12 -14.37	67.81 3.19 -12.25	97.50 2.86 -47.83	65.62 2.34 -25.01	72.49 2.16 -40.40	46.54 2.18 -17.82
BARRETT___2 23546	21.43 1.73 -0.02	17.70 1.47 -0.02	17.03 1.32 0.00	16.26 1.23 0.00	17.60 1.36 0.00	21.97 1.48 0.00	27.47 1.80 -0.01	28.96 1.74 -0.02	27.41 1.58 0.00	24.05 1.62 -0.01	24.56 1.63 -0.01	24.32 1.65 -0.01	25.37 1.68 -0.01	26.84 1.78 -0.01	29.59 1.97 -0.55	90.18 2.21 -59.64	72.49 2.59 -37.11	68.23 3.00 -22.43	69.41 3.12 -14.37	67.81 3.19 -12.25	97.50 2.86 -47.83	65.62 2.34 -25.01	72.49 2.16 -40.40	46.54 2.18 -17.82
BATAVIA___115KV_TB1 55881	19.27 -0.41 0.00	15.69 -0.52 0.00	15.31 -0.39 0.00	14.66 -0.36 0.00	15.54 -0.70 0.00	19.51 -0.98 0.00	24.38 -1.28 0.00	25.49 -1.71 0.00	24.88 -0.96 0.00	21.47 -0.96 0.00	21.93 -0.99 0.00	21.77 -0.88 0.00	22.83 -0.85 0.00	23.98 -1.08 0.00	26.20 -0.87 0.00	27.14 -1.19 0.00	31.41 -1.38 0.00	39.80 -1.41 1.59	47.14 -1.09 3.69	48.15 -0.68 3.54	46.20 -0.61 0.01	37.65 -0.61 0.01	29.67 -0.27 0.00	26.04 -0.50 0.00
BAYONEEC___CTG1 323682	21.28 1.59 0.00	17.49 1.28 0.00	16.89 1.18 0.00	16.14 1.11 0.00	17.37 1.14 0.00	21.79 1.29 0.00	27.08 1.41 0.00	28.67 1.47 0.00	27.23 1.39 0.00	23.87 1.44 0.00	24.39 1.47 0.00	24.24 1.59 0.00	25.29 1.61 0.00	26.78 1.73 0.00	29.04 1.97 0.00	30.58 2.18 -0.07	35.83 2.62 -0.42	44.56 3.17 1.41	51.97 3.33 3.28	52.37 3.14 3.14	49.57 2.76 0.01	40.33 2.07 0.01	31.91 1.98 0.00	28.51 1.96 0.00
BAYONEEC___CTG10 323750	21.28 1.59 0.00	17.49 1.28 0.00	16.89 1.18 0.00	16.14 1.11 0.00	17.37 1.14 0.00	21.79 1.29 0.00	27.08 1.41 0.00	28.67 1.47 0.00	27.23 1.39 0.00	23.87 1.44 0.00	24.39 1.47 0.00	24.24 1.59 0.00	25.29 1.61 0.00	26.78 1.73 0.00	29.04 1.97 0.00	30.58 2.18 -0.07	35.83 2.62 -0.42	44.56 3.17 1.41	51.97 3.33 3.28	52.37 3.14 3.14	49.57 2.76 0.01	40.33 2.07 0.01	31.91 1.98 0.00	28.51 1.96 0.00
BAYONEEC___CTG2 323683	21.28 1.59 0.00	17.49 1.28 0.00	16.89 1.18 0.00	16.14 1.11 0.00	17.37 1.14 0.00	21.79 1.29 0.00	27.08 1.41 0.00	28.67 1.47 0.00	27.23 1.39 0.00	23.87 1.44 0.00	24.39 1.47 0.00	24.24 1.59 0.00	25.29 1.61 0.00	26.78 1.73 0.00	29.04 1.97 0.00	30.58 2.18 -0.07	35.83 2.62 -0.42	44.56 3.17 1.41	51.97 3.33 3.28	52.37 3.14 3.14	49.57 2.76 0.01	40.33 2.07 0.01	31.91 1.98 0.00	28.51 1.96 0.00
BAYONEEC___CTG3 323684	21.28 1.59 0.00	17.49 1.28 0.00	16.89 1.18 0.00	16.14 1.11 0.00	17.37 1.14 0.00	21.79 1.29 0.00	27.08 1.41 0.00	28.67 1.47 0.00	27.23 1.39 0.00	23.87 1.44 0.00	24.39 1.47 0.00	24.24 1.59 0.00	25.29 1.61 0.00	26.78 1.73 0.00	29.04 1.97 0.00	30.58 2.18 -0.07	35.83 2.62 -0.42	44.56 3.17 1.41	51.97 3.33 3.28	52.37 3.14 3.14	49.57 2.76 0.01	40.33 2.07 0.01	31.91 1.98 0.00	28.51 1.96 0.00
BAYONEEC___CTG4 323685	21.28 1.59 0.00	17.49 1.28 0.00	16.89 1.18 0.00	16.14 1.11 0.00	17.37 1.14 0.00	21.79 1.29 0.00	27.08 1.41 0.00	28.67 1.47 0.00	27.23 1.39 0.00	23.87 1.44 0.00	24.39 1.47 0.00	24.24 1.59 0.00	25.29 1.61 0.00	26.78 1.73 0.00	29.04 1.97 0.00	30.58 2.18 -0.07	35.83 2.62 -0.42	44.56 3.17 1.41	51.97 3.33 3.28	52.37 3.14 3.14	49.57 2.76 0.01	40.33 2.07 0.01	31.91 1.98 0.00	28.51 1.96 0.00
BAYONEEC___CTG5 323686	21.28 1.59 0.00	17.49 1.28 0.00	16.89 1.18 0.00	16.14 1.11 0.00	17.37 1.14 0.00	21.79 1.29 0.00	27.08 1.41 0.00	28.67 1.47 0.00	27.23 1.39 0.00	23.87 1.44 0.00	24.39 1.47 0.00	24.24 1.59 0.00	25.29 1.61 0.00	26.78 1.73 0.00	29.04 1.97 0.00	30.58 2.18 -0.07	35.83 2.62 -0.42	44.56 3.17 1.41	51.97 3.33 3.28	52.37 3.14 3.14	49.57 2.76 0.01	40.33 2.07 0.01	31.91 1.98 0.00	28.51 1.96 0.00
BAYONEEC___CTG6 323687	21.28 1.59 0.00	17.49 1.28 0.00	16.89 1.18 0.00	16.14 1.11 0.00	17.37 1.14 0.00	21.79 1.29 0.00	27.08 1.41 0.00	28.67 1.47 0.00	27.23 1.39 0.00	23.87 1.44 0.00	24.39 1.47 0.00	24.24 1.59 0.00	25.29 1.61 0.00	26.78 1.73 0.00	29.04 1.97 0.00	30.58 2.18 -0.07	35.83 2.62 -0.42	44.56 3.17 1.41	51.97 3.33 3.28	52.37 3.14 3.14	49.57 2.76 0.01	40.33 2.07 0.01	31.91 1.98 0.00	28.51 1.96 0.00
BAYONEEC___CTG7 323688	21.28 1.59 0.00	17.49 1.28 0.00	16.89 1.18 0.00	16.14 1.11 0.00	17.37 1.14 0.00	21.79 1.29 0.00	27.08 1.41 0.00	28.67 1.47 0.00	27.23 1.39 0.00	23.87 1.44 0.00	24.39 1.47 0.00	24.24 1.59 0.00	25.29 1.61 0.00	26.78 1.73 0.00	29.04 1.97 0.00	30.58 2.18 -0.07	35.83 2.62 -0.42	44.56 3.17 1.41	51.97 3.33 3.28	52.37 3.14 3.14	49.57 2.76 0.01	40.33 2.07 0.01	31.91 1.98 0.00	28.51 1.96 0.00

BAYONEEC___CTG8 323689	21.28 1.59 0.00	17.49 1.28 0.00	16.89 1.18 0.00	16.14 1.11 0.00	17.37 1.14 0.00	21.79 1.29 0.00	27.08 1.41 0.00	28.67 1.47 0.00	27.23 1.39 0.00	23.87 1.44 0.00	24.39 1.47 0.00	24.24 1.59 0.00	25.29 1.61 0.00	26.78 1.73 0.00	29.04 1.97 0.00	30.58 2.18 -0.07	35.83 2.62 -0.42	44.56 3.17 1.41	51.97 3.33 3.28	52.37 3.14 3.14	49.57 2.76 0.01	40.33 2.07 0.01	31.91 1.98 0.00	28.51 1.96 0.00
BAYONEEC___CTG9 323749	21.28 1.59 0.00	17.49 1.28 0.00	16.89 1.18 0.00	16.14 1.11 0.00	17.37 1.14 0.00	21.79 1.29 0.00	27.08 1.41 0.00	28.67 1.47 0.00	27.23 1.39 0.00	23.87 1.44 0.00	24.39 1.47 0.00	24.24 1.59 0.00	25.29 1.61 0.00	26.78 1.73 0.00	29.04 1.97 0.00	30.58 2.18 -0.07	35.83 2.62 -0.42	44.56 3.17 1.41	51.97 3.33 3.28	52.37 3.14 3.14	49.57 2.76 0.01	40.33 2.07 0.01	31.91 1.98 0.00	28.51 1.96 0.00
BEACON___LESR 323632	20.61 0.93 0.00	17.00 0.79 0.00	16.45 0.74 0.00	15.73 0.71 0.00	16.97 0.73 0.00	21.33 0.84 0.00	26.41 0.74 0.00	27.78 0.57 0.00	26.27 0.44 0.00	22.77 0.34 0.00	23.22 0.30 0.00	22.99 0.34 0.00	24.03 0.36 0.00	25.45 0.40 0.00	27.58 0.51 0.00	28.84 0.57 0.05	33.22 0.75 0.32	42.09 0.81 1.52	49.34 0.94 3.52	50.04 1.05 3.37	47.79 0.98 0.01	39.07 0.81 0.01	30.95 1.02 0.00	27.68 1.14 0.00
BEAVER RIVER___HYD 24048	19.47 -0.22 0.00	16.06 -0.15 0.00	15.57 -0.14 0.00	14.93 -0.09 0.00	16.23 0.00 0.00	20.55 0.06 0.00	25.51 -0.15 0.00	27.04 -0.16 0.00	25.70 -0.13 0.00	22.16 -0.27 0.00	22.37 -0.55 0.00	22.09 -0.57 0.00	23.06 -0.62 0.00	24.45 -0.60 0.00	26.36 -0.70 0.00	27.70 -0.62 0.00	32.20 -0.59 0.00	41.42 -0.43 0.96	49.96 0.26 2.22	50.87 0.63 2.13	47.05 0.24 0.01	38.42 0.15 0.01	29.85 -0.09 0.00	26.38 -0.16 0.00
BEEBEE_GT_13 23619	19.19 -0.49 0.00	15.69 -0.52 0.00	15.27 -0.44 0.00	14.60 -0.42 0.00	15.58 -0.65 0.00	19.63 -0.86 0.00	24.51 -1.16 0.00	25.76 -1.44 0.00	24.93 -0.90 0.00	21.55 -0.87 0.00	22.05 -0.87 0.00	21.84 -0.82 0.00	22.87 -0.81 0.00	24.10 -0.95 0.00	26.20 -0.87 0.00	27.22 -1.10 0.00	31.51 -1.28 1.59	39.76 -1.46 3.68	46.89 -1.35 3.53	47.74 -1.10 3.53	45.78 -1.03 0.01	37.34 -0.92 0.01	29.46 -0.48 0.00	26.01 -0.53 0.00
BENSHRST_27_KV_BENSHRST_1 355998	21.50 1.81 -0.01	17.71 1.49 -0.01	17.08 1.37 -0.01	16.32 1.29 -0.01	17.64 1.40 -0.01	22.02 1.52 -0.01	27.29 1.62 -0.01	28.84 1.63 0.00	27.36 1.52 0.00	24.02 1.59 0.00	24.55 1.63 0.00	24.44 1.79 0.00	25.53 1.85 0.00	27.02 1.95 -0.01	29.27 2.19 -0.01	30.87 2.46 -0.08	36.10 2.89 -0.43	44.99 3.60 1.40	52.55 3.89 3.27	52.90 3.67 3.14	50.04 3.23 0.01	40.84 2.56 0.00	32.37 2.42 -0.01	28.97 2.42 -0.01
BETHLEHEM___GRP 23843	20.39 0.71 0.00	16.84 0.63 0.00	16.29 0.58 0.00	15.56 0.54 0.00	16.80 0.57 0.00	21.09 0.59 0.00	26.08 0.41 0.00	27.45 0.24 0.00	25.96 0.13 0.00	22.52 0.09 0.00	22.99 0.07 0.00	22.77 0.11 0.00	23.77 0.09 0.00	25.18 0.13 0.00	27.23 0.16 0.00	28.48 0.20 0.05	32.75 0.26 0.30	41.37 0.09 1.52	48.45 0.05 3.52	49.10 0.10 3.37	47.00 0.19 0.01	38.42 0.15 0.01	30.44 0.51 0.00	27.31 0.77 0.00
BETHLEHEM___GS1 323560	20.39 0.71 0.00	16.82 0.62 0.00	16.29 0.58 0.00	15.56 0.54 0.00	16.79 0.55 0.00	21.09 0.59 0.00	26.08 0.41 0.00	27.45 0.24 0.00	25.96 0.13 0.00	22.52 0.09 0.00	22.99 0.07 0.00	22.77 0.11 0.00	23.77 0.10 0.00	25.18 0.13 0.00	27.23 0.16 0.00	28.45 0.17 0.05	32.75 0.26 0.30	41.37 0.09 1.52	48.45 0.05 3.52	49.10 0.10 3.37	46.95 0.14 0.01	38.42 0.15 0.01	30.48 0.54 0.00	27.28 0.74 0.00
BETHLEHEM___GS2 323561	20.39 0.71 0.00	16.82 0.62 0.00	16.29 0.58 0.00	15.56 0.54 0.00	16.79 0.55 0.00	21.09 0.59 0.00	26.08 0.41 0.00	27.45 0.24 0.00	25.96 0.13 0.00	22.52 0.09 0.00	22.99 0.07 0.00	22.77 0.11 0.00	23.77 0.10 0.00	25.18 0.13 0.00	27.23 0.16 0.00	28.45 0.17 0.05	32.75 0.26 0.30	41.37 0.09 1.52	48.45 0.05 3.52	49.10 0.10 3.37	46.95 0.14 0.01	38.42 0.15 0.01	30.48 0.54 0.00	27.28 0.74 0.00
BETHLEHEM___GS3 323562	20.39 0.71 0.00	16.82 0.62 0.00	16.29 0.58 0.00	15.56 0.54 0.00	16.79 0.55 0.00	21.09 0.59 0.00	26.08 0.41 0.00	27.45 0.24 0.00	25.96 0.13 0.00	22.52 0.09 0.00	22.99 0.07 0.00	22.77 0.11 0.00	23.77 0.10 0.00	25.18 0.13 0.00	27.23 0.16 0.00	28.45 0.17 0.05	32.75 0.26 0.30	41.37 0.09 1.52	48.45 0.05 3.52	49.10 0.10 3.37	46.95 0.14 0.01	38.42 0.15 0.01	30.48 0.54 0.00	27.28 0.74 0.00
BETHLEHEM___STEEL 23779	18.92 -0.77 0.00	15.41 -0.79 0.00	15.03 -0.68 0.00	14.35 -0.68 0.00	15.20 -1.04 0.00	19.08 -1.41 0.00	23.74 -1.93 0.00	24.70 -2.50 0.00	24.33 -1.50 0.00	21.22 -1.21 0.00	21.68 -1.24 0.00	21.48 -1.18 0.00	22.47 -1.21 0.00	23.63 -1.43 0.00	25.79 -1.27 0.00	26.66 -1.67 0.00	30.85 -1.93 0.00	38.89 -2.31 1.60	45.87 -2.34 3.72	46.72 -2.09 3.56	44.80 -2.01 0.01	36.43 -1.84 0.01	28.86 -1.08 0.00	25.32 -1.22 0.00
BETHLHEM_115KV_TB1 79974	20.39 0.71 0.00	16.84 0.63 0.00	16.29 0.58 0.00	15.56 0.54 0.00	16.80 0.57 0.00	21.09 0.59 0.00	26.10 0.44 0.00	27.48 0.27 0.00	26.01 0.18 0.00	22.59 0.16 0.00	23.06 0.14 0.00	22.81 0.16 0.00	23.84 0.17 0.00	25.23 0.18 0.00	27.28 0.22 0.00	28.54 0.25 0.05	32.83 0.33 0.29	41.50 0.21 1.52	48.56 0.16 3.52	49.21 0.21 3.37	47.14 0.33 0.01	38.49 0.23 0.01	30.50 0.57 0.00	27.34 0.80 0.00
BETHPAGE_CC_5 323564	21.57 1.87 -0.01	17.78 1.56 -0.01	17.09 1.38 0.00	16.30 1.28 0.00	17.66 1.43 0.00	22.05 1.56 0.00	27.58 1.90 -0.01	29.12 1.90 -0.01	27.49 1.65 0.00	24.17 1.73 -0.01	24.67 1.74 -0.01	24.43 1.77 -0.01	25.51 1.82 -0.01	26.99 1.93 -0.01	29.29 2.14 -0.09	38.98 2.32 -8.33	43.60 2.79 -8.03	47.91 3.21 -1.90	59.13 3.53 -3.67	56.15 3.46 -0.33	56.58 3.14 -6.62	44.19 2.45 -3.46	40.32 2.34 -8.04	31.38 2.36 -2.48
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	18.96 -0.73 0.00	15.45 -0.76 0.00	15.06 -0.64 0.00	14.38 -0.65 0.00	15.23 -1.01 0.00	19.12 -1.37 0.00	23.79 -1.87 0.00	24.78 -2.42 0.00	24.44 -1.39 0.00	21.31 -1.12 0.00	21.75 -1.17 0.00	21.54 -1.11 0.00	22.57 -1.11 0.00	23.73 -1.33 0.00	25.90 -1.16 0.00	26.80 -1.53 0.00	31.02 -1.77 0.00	39.11 -2.10 1.60	46.08 -2.13 3.71	46.98 -1.83 3.55	44.98 -1.83 0.01	36.58 -1.68 0.01	28.95 -0.99 0.00	25.40 -1.14 0.00
BINGHAMTON___COGEN 23790	19.82 0.14 0.00	16.29 0.08 0.00	15.80 0.09 0.00	15.11 0.09 0.00	16.27 0.03 0.00	20.43 -0.06 0.00	25.46 -0.21 0.00	26.85 -0.35 0.00	25.60 -0.23 0.00	22.23 -0.20 0.00	22.69 -0.23 0.00	22.43 -0.23 0.00	23.44 -0.24 0.00	24.78 -0.28 0.00	26.85 -0.22 0.00	28.10 -0.23 0.00	32.56 -0.23 0.00	41.10 -0.13 1.57	48.35 0.05 3.62	49.01 0.10 3.46	46.90 0.09 0.01	38.30 0.04 0.01	30.12 0.18 0.00	26.73 0.19 0.00

BIXINCNT_115KV_LOAD 355685	19.09 -0.59 0.00	15.56 -0.65 0.00	15.17 -0.53 0.00	14.48 -0.54 0.00	15.36 -0.88 0.00	19.28 -1.21 0.00	24.00 -1.67 0.00	25.08 -2.12 0.00	24.72 -1.11 0.00	21.58 -0.85 0.00	22.02 -0.89 0.00	21.77 -0.88 0.00	22.80 -0.88 0.00	23.98 -1.08 0.00	26.20 -0.87 0.00	27.14 -1.19 0.00	31.41 -1.38 0.00	39.63 -1.58 1.59	46.78 -1.45 3.69	47.63 -1.20 3.53	45.55 -1.26 0.01	37.04 -1.22 0.01	29.22 -0.72 0.00	25.61 -0.93 0.00
BLACK RIVER___HYD 24047	19.68 0.00 0.00	16.26 0.05 0.00	15.74 0.03 0.00	15.10 0.08 0.00	16.41 0.18 0.00	20.76 0.27 0.00	25.69 0.03 0.00	27.20 0.00 0.00	25.75 -0.08 0.00	22.16 -0.27 0.00	22.41 -0.50 0.00	22.13 -0.52 0.00	23.11 -0.57 0.00	24.53 -0.53 0.00	26.42 -0.65 0.00	27.76 -0.57 0.00	32.26 -0.53 0.00	41.85 -0.26 0.70	51.02 0.73 1.63	52.12 1.31 1.56	47.70 0.89 0.00	39.07 0.81 0.00	30.32 0.39 0.00	26.81 0.27 0.00
BLACKRVR_115KV_TB2 79977	19.68 0.00 0.00	16.26 0.05 0.00	15.74 0.03 0.00	15.10 0.08 0.00	16.40 0.16 0.00	20.76 0.27 0.00	25.69 0.03 0.00	27.20 0.00 0.00	25.75 -0.08 0.00	22.16 -0.27 0.00	22.39 -0.53 0.00	22.13 -0.52 0.00	23.11 -0.57 0.00	24.53 -0.53 0.00	26.42 -0.65 0.00	27.73 -0.59 0.00	32.26 -0.52 0.00	41.84 -0.26 0.70	51.02 0.73 1.63	52.12 1.31 1.56	47.71 0.89 0.00	39.03 0.77 0.00	30.33 0.39 0.00	26.81 0.27 0.00
BLDWN_LI_69_KV_BK4 356085	21.57 1.87 -0.01	17.79 1.57 -0.01	17.10 1.40 0.00	16.33 1.31 0.00	17.73 1.49 0.00	22.07 1.58 0.00	27.58 1.90 -0.01	29.09 1.88 -0.01	27.54 1.70 0.00	24.17 1.73 -0.01	24.70 1.76 -0.01	24.45 1.79 -0.01	25.51 1.82 -0.01	27.02 1.95 -0.01	29.48 2.19 -0.22	53.66 2.55 -22.79	52.31 2.85 -16.67	53.95 3.47 -7.69	63.14 3.74 -7.48	59.96 3.67 -3.92	68.52 3.46 -18.24	50.57 2.76 -9.54	50.07 2.54 -17.59	35.78 2.44 -6.80
BLISS_WT_PWR 323608	19.09 -0.59 0.00	15.58 -0.63 0.00	15.16 -0.55 0.00	14.48 -0.54 0.00	15.54 -0.70 0.00	19.33 -1.17 0.00	24.00 -1.67 0.00	25.11 -2.09 0.00	24.75 -1.08 0.00	21.58 -0.85 0.00	22.05 -0.87 0.00	21.79 -0.86 0.00	22.83 -0.85 0.00	24.00 -1.05 0.00	26.20 -0.87 0.00	27.36 -0.96 0.00	31.44 -1.35 0.00	39.76 -1.46 1.59	46.78 -1.45 3.69	47.73 -1.10 3.53	45.69 -1.12 0.01	37.27 -1.00 0.01	29.25 -0.69 0.00	25.75 -0.80 0.00
BLUESTONE___WT_PWR 323821	20.53 0.85 0.00	16.94 0.73 0.00	16.38 0.67 0.00	15.68 0.66 0.00	16.97 0.73 0.00	21.37 0.88 0.00	26.51 0.85 0.00	27.99 0.79 0.00	26.35 0.52 0.00	22.77 0.34 0.00	23.15 0.23 0.00	22.88 0.23 0.00	23.92 0.24 0.00	25.36 0.30 0.00	27.55 0.49 0.00	28.98 0.65 0.00	33.67 0.89 0.00	42.82 1.54 1.51	50.96 2.54 3.51	51.84 2.83 3.36	49.06 2.25 0.01	40.06 1.80 0.01	31.28 1.35 0.00	27.68 1.14 0.00
BLUE_CIRC_CHEM_DRP 24182	20.47 0.79 0.00	16.89 0.68 0.00	16.35 0.64 0.00	15.62 0.60 0.00	16.88 0.65 0.00	21.19 0.70 0.00	26.26 0.59 0.00	27.59 0.38 0.00	26.09 0.26 0.00	22.61 0.18 0.00	23.08 0.16 0.00	22.83 0.18 0.00	23.82 0.14 0.00	25.20 0.15 0.00	27.26 0.19 0.00	28.52 0.23 0.03	32.92 0.33 0.20	41.64 0.34 1.50	48.85 0.42 3.48	49.66 0.63 3.34	47.51 0.70 0.01	38.84 0.57 0.01	30.71 0.78 0.00	27.52 0.98 0.00
BOC_GAS_DRP 24189	20.37 0.69 0.00	16.79 0.58 0.00	16.26 0.55 0.00	15.53 0.51 0.00	16.79 0.55 0.00	21.07 0.57 0.00	26.18 0.51 0.00	27.59 0.38 0.00	26.14 0.31 0.00	22.72 0.29 0.00	23.19 0.28 0.00	22.97 0.32 0.00	23.99 0.31 0.00	25.38 0.33 0.00	27.45 0.38 0.00	28.66 0.37 0.03	33.05 0.46 0.20	41.77 0.47 1.51	48.90 0.47 3.49	49.50 0.47 3.34	47.37 0.56 0.01	38.68 0.42 0.01	30.56 0.63 0.00	27.39 0.85 0.00
BOONVILLE_115KV_TB1 79983	19.94 0.26 0.00	16.45 0.24 0.00	15.93 0.22 0.00	15.26 0.24 0.00	16.54 0.31 0.00	20.88 0.39 0.00	25.92 0.26 0.00	27.42 0.22 0.00	26.06 0.23 0.00	22.52 0.09 0.00	22.80 -0.11 0.00	22.56 -0.09 0.00	23.56 -0.12 0.00	24.98 -0.08 0.00	26.96 -0.11 0.00	28.27 -0.06 0.00	32.85 0.07 0.00	41.67 0.30 1.43	49.48 0.88 3.32	50.29 1.10 3.18	47.56 0.75 0.01	38.88 0.61 0.01	30.41 0.48 0.00	26.99 0.45 0.00
BORALEX_4TH_BRANCH 23824	21.08 1.40 0.00	17.37 1.17 0.00	16.79 1.08 0.00	16.06 1.04 0.00	17.35 1.12 0.00	21.78 1.29 0.00	27.16 1.49 0.00	28.51 1.31 0.00	26.89 1.06 0.00	23.28 0.85 0.00	23.72 0.80 0.00	23.49 0.84 0.00	24.51 0.83 0.00	25.96 0.90 0.00	28.01 0.95 0.00	29.25 1.05 0.13	33.26 1.25 0.78	42.81 1.54 1.53	50.35 1.97 3.54	51.07 2.09 3.39	48.96 2.15 0.01	39.99 1.72 0.01	31.64 1.71 0.00	28.45 1.91 0.00
BOWLINE___1 23526	21.02 1.34 0.00	17.31 1.10 0.00	16.71 1.01 0.00	15.97 0.95 0.00	17.21 0.97 0.00	21.58 1.09 0.00	26.85 1.18 0.00	28.40 1.20 0.00	26.94 1.11 0.00	23.55 1.12 0.00	24.04 1.12 0.00	23.88 1.22 0.00	24.93 1.25 0.00	26.41 1.35 0.00	28.61 1.54 0.00	30.06 1.67 -0.07	35.22 2.03 -0.40	43.88 2.48 1.40	51.37 2.70 3.25	51.82 2.57 3.11	49.10 2.29 0.01	39.99 1.72 0.01	31.67 1.74 0.00	28.29 1.75 0.00
BOWLINE___2 23595	21.02 1.34 0.00	17.31 1.10 0.00	16.71 1.01 0.00	15.99 0.96 0.00	17.22 0.99 0.00	21.58 1.09 0.00	26.87 1.21 0.00	28.40 1.20 0.00	26.94 1.11 0.00	23.55 1.12 0.00	24.06 1.15 0.00	23.88 1.22 0.00	24.93 1.25 0.00	26.41 1.35 0.00	28.64 1.57 0.00	30.09 1.70 -0.07	35.25 2.07 -0.40	43.92 2.52 1.40	51.42 2.75 3.25	51.82 2.57 3.11	49.15 2.34 0.01	39.99 1.72 0.01	31.67 1.74 0.00	28.29 1.75 0.00
BRADY___115KV_TB2 356060	19.63 -0.06 0.00	16.14 -0.06 0.00	15.66 -0.05 0.00	14.99 -0.03 0.00	16.27 0.03 0.00	20.72 0.23 0.00	26.10 0.44 0.00	27.88 0.68 0.00	26.35 0.52 0.00	22.83 0.40 0.00	23.33 0.41 0.00	23.04 0.39 0.00	24.13 0.45 0.00	25.53 0.48 0.00	27.55 0.49 0.00	28.89 0.57 0.00	33.48 0.69 0.00	43.30 1.03 0.53	52.09 1.40 1.24	52.70 1.52 1.18	48.03 1.22 0.00	39.42 1.15 0.00	30.30 0.36 0.00	26.44 -0.11 0.00
BRANSCOMB___SOLAR 323811	20.85 1.16 0.00	17.18 0.97 0.00	16.63 0.93 0.00	15.91 0.89 0.00	17.19 0.96 0.00	21.72 1.23 0.00	27.00 1.33 0.00	28.35 1.14 0.00	26.71 0.88 0.00	23.08 0.65 0.00	23.51 0.59 0.00	23.27 0.61 0.00	24.29 0.61 0.00	25.75 0.70 0.00	27.91 0.84 0.00	28.94 0.68 0.07	33.30 0.92 0.40	42.49 1.24 1.56	49.87 1.56 3.61	50.59 1.68 3.45	48.49 1.68 0.01	39.68 1.42 0.01	31.28 1.35 0.00	28.21 1.67 0.00
BRDGHMPT_69_KV_BK1 55812	21.66 1.97 -0.01	17.87 1.65 -0.01	17.12 1.41 0.00	16.38 1.35 0.00	17.87 1.64 0.00	22.21 1.72 0.00	28.11 2.44 -0.01	29.83 2.61 -0.01	27.74 1.91 0.00	24.59 2.15 -0.01	25.08 2.15 -0.01	24.77 2.11 -0.01	25.89 2.20 -0.01	27.37 2.30 -0.01	29.65 2.54 -0.04	34.67 2.97 -3.36	41.13 3.57 -4.77	47.10 4.32 0.02	58.69 4.88 -1.89	56.22 4.87 1.02	53.71 4.12 -2.77	42.98 3.33 -1.38	37.36 2.93 -4.49	30.16 2.63 -0.99



BRENTWOD_69_KV_W. BRTWOOD 56703	21.68 1.99 -0.01	17.89 1.67 -0.01	17.15 1.45 0.00	16.36 1.34 0.00	17.79 1.56 0.00	22.13 1.64 0.00	27.81 2.13 -0.01	29.45 2.23 -0.01	27.61 1.78 0.00	24.30 1.86 -0.01	24.78 1.86 -0.01	24.54 1.88 -0.01	25.63 1.94 -0.01	27.12 2.05 -0.01	29.44 2.33 -0.04	34.82 2.75 -3.74	40.87 3.05 -5.04	46.36 3.55 0.00	57.79 3.89 -1.98	55.37 3.98 0.98	53.20 3.56 -2.82	42.84 3.02 -1.54	37.55 2.84 -4.77	30.27 2.63 -1.10
BRISTLHL_115KV_TB1 79998	19.33 -0.35 0.00	15.92 -0.29 0.00	15.42 -0.28 0.00	14.77 -0.26 0.00	15.91 -0.32 0.00	20.02 -0.47 0.00	24.97 -0.69 0.00	26.39 -0.82 0.00	25.11 -0.72 0.00	21.78 -0.65 0.00	22.23 -0.69 0.00	21.93 -0.72 0.00	22.92 -0.76 0.00	24.25 -0.80 0.00	26.17 -0.89 0.00	27.36 -0.96 0.00	31.71 -1.08 0.00	41.66 -1.28 -0.14	50.89 -1.35 -0.32	51.36 -1.31 -0.31	45.65 -1.17 0.00	37.32 -0.96 0.00	29.34 -0.60 0.00	26.14 -0.40 0.00
BROOKHAVEN___DRP 24191	21.45 1.75 -0.01	17.69 1.47 -0.01	16.95 1.24 0.00	16.18 1.16 0.00	17.61 1.38 0.00	21.91 1.41 0.00	27.65 1.98 -0.01	29.28 2.07 -0.01	27.30 1.47 0.00	24.12 1.68 -0.01	24.55 1.63 -0.01	24.25 1.59 -0.01	25.35 1.66 -0.01	26.82 1.75 -0.01	29.05 1.95 -0.04	34.02 2.35 -3.34	40.30 2.75 -4.76	45.93 3.17 0.04	57.22 3.43 -1.88	54.90 3.56 1.03	52.61 3.04 -2.74	42.17 2.53 -1.37	36.80 2.39 -4.47	29.73 2.20 -0.98
BROOKLYN_NAVY_YARD 23515	21.22 1.54 0.00	17.47 1.27 0.00	16.87 1.16 0.00	16.12 1.10 0.00	17.35 1.12 0.00	21.76 1.27 0.00	27.08 1.41 0.00	28.67 1.47 0.00	27.23 1.39 0.00	23.87 1.44 0.00	24.39 1.47 0.00	24.24 1.59 0.00	25.31 1.63 0.00	26.78 1.73 0.00	29.04 1.97 0.00	30.58 2.18 -0.07	35.83 2.62 -0.42	44.55 3.17 1.41	52.02 3.37 3.28	52.37 3.14 3.14	49.57 2.76 0.01	40.33 2.07 0.01	31.94 2.01 0.00	28.48 1.94 0.00
BROOKLYN___ARMY_DRP 323595	21.44 1.75 -0.01	17.64 1.43 -0.01	17.03 1.32 -0.01	16.28 1.25 -0.01	17.59 1.35 -0.01	21.96 1.46 -0.01	27.19 1.51 -0.01	28.73 1.52 0.00	27.25 1.42 0.00	23.93 1.50 0.00	24.45 1.54 0.00	24.33 1.68 0.00	25.41 1.73 0.00	26.92 1.85 -0.01	29.13 2.06 -0.01	30.73 2.32 -0.08	35.94 2.72 -0.43	44.78 3.38 1.40	52.29 3.63 3.27	52.58 3.35 3.14	49.81 3.00 0.01	40.69 2.41 0.00	32.25 2.31 -0.01	28.86 2.31 -0.01
BROOME_2_LFGE 323671	19.82 0.14 0.00	16.31 0.10 0.00	15.80 0.09 0.00	15.11 0.09 0.00	16.30 0.07 0.00	20.45 -0.04 0.00	25.46 -0.21 0.00	26.85 -0.35 0.00	25.60 -0.23 0.00	22.23 -0.20 0.00	22.71 -0.21 0.00	22.43 -0.23 0.00	23.44 -0.24 0.00	24.78 -0.28 0.00	26.85 -0.22 0.00	28.13 -0.20 0.00	32.56 -0.23 0.00	41.11 -0.13 1.57	48.35 0.05 3.62	49.06 0.16 3.46	46.90 0.09 0.01	38.34 0.08 0.01	30.15 0.21 0.00	26.75 0.21 0.00
BROOME___LFGE 323600	19.82 0.14 0.00	16.31 0.10 0.00	15.80 0.09 0.00	15.11 0.09 0.00	16.30 0.07 0.00	20.45 -0.04 0.00	25.46 -0.21 0.00	26.85 -0.35 0.00	25.60 -0.23 0.00	22.23 -0.20 0.00	22.71 -0.21 0.00	22.43 -0.23 0.00	23.44 -0.24 0.00	24.78 -0.28 0.00	26.85 -0.22 0.00	28.13 -0.20 0.00	32.56 -0.23 0.00	41.11 -0.13 1.57	48.35 0.05 3.62	49.06 0.16 3.46	46.90 0.09 0.01	38.34 0.08 0.01	30.15 0.21 0.00	26.75 0.21 0.00
BROWNFLS_115KV_TB 3_5 80003	19.25 -0.43 0.00	15.88 -0.32 0.00	15.38 -0.33 0.00	14.75 -0.27 0.00	16.02 -0.21 0.00	20.33 -0.16 0.00	25.33 -0.33 0.00	26.93 -0.27 0.00	25.55 -0.28 0.00	22.05 -0.38 0.00	22.35 -0.57 0.00	22.06 -0.59 0.00	23.06 -0.62 0.00	24.45 -0.60 0.00	26.36 -0.70 0.00	27.70 -0.62 0.00	32.20 -0.59 0.00	41.43 -0.51 0.86	49.88 -0.05 1.99	50.68 0.21 1.90	46.72 -0.09 0.01	38.19 -0.08 0.01	29.58 -0.36 0.00	26.04 -0.50 0.00
BROWNSV1_27_KV_LOAD 356125	21.42 1.73 0.00	17.62 1.41 0.00	16.99 1.29 0.00	16.24 1.22 0.00	17.55 1.31 0.00	21.93 1.43 0.00	27.26 1.59 0.00	28.86 1.66 0.00	27.43 1.60 0.00	24.02 1.59 0.00	24.57 1.65 0.00	24.42 1.77 0.00	25.50 1.82 0.00	26.98 1.93 0.00	29.26 2.19 0.00	30.89 2.49 -0.07	36.12 2.92 -0.42	44.98 3.60 1.41	52.49 3.84 3.28	52.90 3.67 3.14	50.13 3.32 0.01	40.87 2.60 0.01	32.18 2.25 0.00	28.77 2.23 0.00
BURROWS___LYONSDAL 23803	19.80 0.12 0.00	16.34 0.13 0.00	15.83 0.13 0.00	15.17 0.15 0.00	16.45 0.21 0.00	20.80 0.31 0.00	25.82 0.15 0.00	27.31 0.11 0.00	25.96 0.13 0.00	22.43 0.00 0.00	22.69 -0.23 0.00	22.43 -0.23 0.00	23.42 -0.26 0.00	24.83 -0.23 0.00	26.77 -0.30 0.00	28.10 -0.23 0.00	32.66 -0.13 0.00	41.55 0.09 1.34	49.49 0.67 3.10	50.34 0.94 2.97	47.37 0.56 0.01	38.69 0.42 0.01	30.21 0.27 0.00	26.81 0.27 0.00
CAITHNESS_CC_1 323624	21.45 1.75 -0.01	17.68 1.46 -0.01	16.96 1.26 0.00	16.18 1.16 0.00	17.57 1.33 0.00	21.91 1.41 0.00	27.60 1.93 -0.01	29.26 2.04 -0.01	27.28 1.45 0.00	24.12 1.68 -0.01	24.55 1.63 -0.01	24.25 1.59 -0.01	25.34 1.66 -0.01	26.82 1.75 -0.01	29.08 1.97 -0.04	33.68 2.04 -3.31	40.02 2.49 -4.74	45.40 2.65 0.05	56.80 3.01 -1.87	54.21 2.88 1.04	52.06 2.53 -2.72	41.51 1.87 -1.36	36.63 2.25 -4.45	29.69 2.18 -0.97
CALPINE BETH_PAGE_GT4 24209	21.57 1.87 -0.01	17.78 1.56 -0.01	17.09 1.38 0.00	16.32 1.29 0.00	17.71 1.48 0.00	22.07 1.58 0.00	27.53 1.85 -0.01	29.04 1.82 -0.01	27.46 1.63 0.00	24.12 1.68 -0.01	24.63 1.70 -0.01	24.41 1.74 -0.01	25.47 1.78 -0.01	26.97 1.90 -0.01	29.26 2.08 -0.11	41.39 2.35 -10.71	44.99 2.62 -9.59	48.74 3.08 -2.85	59.72 3.27 -4.53	56.61 3.25 -0.99	58.40 3.04 -8.54	45.19 2.45 -4.47	42.02 2.33 -9.74	32.12 2.39 -3.19
CALPINE_BETH_PAGE_GT_4 323586	21.57 1.87 -0.01	17.78 1.56 -0.01	17.09 1.38 0.00	16.32 1.29 0.00	17.66 1.43 0.00	22.05 1.56 0.00	27.53 1.85 -0.01	29.04 1.82 -0.01	27.43 1.60 0.00	24.12 1.68 -0.01	24.63 1.70 -0.01	24.41 1.74 -0.01	25.47 1.78 -0.01	26.97 1.90 -0.01	29.29 2.11 -0.11	41.31 2.27 -10.71	45.06 2.69 -9.59	48.78 3.12 -2.85	59.88 3.43 -4.53	56.72 3.35 -0.99	58.40 3.04 -8.54	45.11 2.37 -4.47	41.95 2.27 -9.74	32.07 2.34 -3.19
CALPINE_BP_GT1 23823	21.57 1.87 -0.01	17.78 1.56 -0.01	17.09 1.38 0.00	16.32 1.29 0.00	17.66 1.43 0.00	22.05 1.56 0.00	27.53 1.85 -0.01	29.04 1.82 -0.01	27.43 1.60 0.00	24.12 1.68 -0.01	24.63 1.70 -0.01	24.41 1.74 -0.01	25.47 1.78 -0.01	26.97 1.90 -0.01	29.29 2.11 -0.11	41.31 2.27 -10.71	45.06 2.69 -9.59	48.78 3.12 -2.85	59.88 3.43 -4.53	56.72 3.35 -0.99	58.40 3.04 -8.54	45.11 2.37 -4.47	41.95 2.27 -9.74	32.07 2.34 -3.19
CALSPAN___DRP 24200	18.92 -0.77 0.00	15.41 -0.79 0.00	15.03 -0.68 0.00	14.35 -0.68 0.00	15.20 -1.04 0.00	19.08 -1.41 0.00	23.74 -1.93 0.00	24.70 -2.50 0.00	24.33 -1.50 0.00	21.22 -1.21 0.00	21.68 -1.24 0.00	21.48 -1.18 0.00	22.47 -1.21 0.00	23.63 -1.43 0.00	25.79 -1.27 0.00	26.66 -1.67 0.00	30.85 -1.93 0.00	38.89 -2.31 1.60	45.87 -2.34 3.72	46.72 -2.09 3.56	44.80 -2.01 0.01	36.43 -1.84 0.01	28.86 -1.08 0.00	25.32 -1.22 0.00

CALVERTON___SOLAR 323806	21.47 1.77 -0.01	17.68 1.46 -0.01	16.95 1.24 0.00	16.18 1.16 0.00	17.58 1.35 0.00	21.91 1.41 0.00	27.70 2.03 -0.01	29.34 2.12 -0.01	27.30 1.47 0.00	24.17 1.73 -0.01	24.60 1.67 -0.01	24.27 1.61 -0.01	25.37 1.68 -0.01	26.84 1.78 -0.01	29.11 2.00 -0.04	33.74 2.07 -3.35	40.14 2.59 -4.76	45.55 2.78 0.03	57.02 3.22 -1.88	54.43 3.09 1.02	52.29 2.71 -2.75	41.63 1.99 -1.37	36.72 2.31 -4.47	29.76 2.23 -0.99
CANDIGU_WT_PWR 323617	19.49 -0.20 0.00	15.95 -0.26 0.00	15.50 -0.20 0.00	14.83 -0.20 0.00	15.96 -0.28 0.00	19.92 -0.57 0.00	24.74 -0.92 0.00	25.93 -1.28 0.00	25.00 -0.83 0.00	21.69 -0.74 0.00	22.16 -0.76 0.00	21.91 -0.75 0.00	22.92 -0.76 0.00	24.23 -0.83 0.00	26.28 -0.79 0.00	27.45 -0.88 0.00	31.61 -1.18 0.00	40.17 -1.15 1.48	47.54 -0.93 3.45	48.59 -0.47 3.30	46.34 -0.47 0.01	37.84 -0.42 0.01	29.67 -0.27 0.00	25.98 -0.56 0.00
CARR STREET_E__SYR 24060	19.61 -0.08 0.00	16.14 -0.06 0.00	15.64 -0.06 0.00	14.96 -0.06 0.00	16.15 -0.08 0.00	20.23 -0.27 0.00	25.21 -0.46 0.00	26.66 -0.54 0.00	25.39 -0.44 0.00	22.03 -0.40 0.00	22.48 -0.44 0.00	22.20 -0.45 0.00	23.18 -0.50 0.00	24.55 -0.50 0.00	26.50 -0.57 0.00	27.73 -0.60 0.00	32.10 -0.69 0.00	40.91 -0.86 1.03	48.69 -0.83 2.40	49.23 -0.84 2.30	46.06 -0.75 0.01	37.69 -0.57 0.01	29.70 -0.24 0.00	26.54 0.00 0.00
CARTHAGE___PAPER 23857	19.57 -0.12 0.00	16.14 -0.06 0.00	15.63 -0.08 0.00	14.99 -0.03 0.00	16.32 0.08 0.00	20.66 0.16 0.00	25.62 -0.05 0.00	27.15 -0.05 0.00	25.73 -0.10 0.00	22.16 -0.27 0.00	22.39 -0.53 0.00	22.13 -0.52 0.00	23.09 -0.59 0.00	24.50 -0.55 0.00	26.39 -0.68 0.00	27.73 -0.60 0.00	32.23 -0.56 0.00	41.66 -0.34 0.80	50.53 0.47 1.86	51.53 0.94 1.78	47.33 0.52 0.01	38.73 0.46 0.01	30.06 0.12 0.00	26.54 0.00 0.00
CASSADAGA_WT_PWR 323784	18.96 -0.73 0.00	15.46 -0.75 0.00	15.02 -0.69 0.00	14.33 -0.69 0.00	15.34 -0.89 0.00	19.08 -1.41 0.00	23.72 -1.95 0.00	24.78 -2.42 0.00	24.62 -1.21 0.00	21.60 -0.83 0.00	22.14 -0.78 0.00	21.91 -0.75 0.00	22.99 -0.69 0.00	24.15 -0.90 0.00	26.34 -0.73 0.00	27.53 -0.79 0.00	31.57 -1.21 0.00	39.84 -1.37 1.59	46.82 -1.40 3.70	47.62 -1.20 3.54	45.22 -1.59 0.01	36.54 -1.72 0.01	28.50 -1.44 0.00	25.06 -1.49 0.00
CE_DUNWOOD___DRP 24194	21.16 1.48 0.00	17.42 1.22 0.00	16.81 1.10 0.00	16.06 1.04 0.00	17.35 1.12 0.00	21.70 1.21 0.00	27.00 1.33 0.00	28.56 1.36 0.00	27.10 1.27 0.00	23.69 1.26 0.00	24.20 1.28 0.00	24.04 1.38 0.00	25.10 1.42 0.00	26.58 1.53 0.00	28.80 1.73 0.00	30.35 1.95 -0.07	35.50 2.30 -0.42	44.21 2.82 1.41	51.66 3.01 3.27	52.11 2.88 3.14	49.48 2.67 0.01	40.33 2.07 0.01	31.82 1.89 0.00	28.48 1.94 0.00
CE_MILLWOOD___DRP 24193	21.10 1.42 0.00	17.37 1.17 0.00	16.78 1.07 0.00	16.03 1.01 0.00	17.34 1.10 0.00	21.66 1.17 0.00	26.95 1.28 0.00	28.51 1.31 0.00	27.05 1.21 0.00	23.62 1.19 0.00	24.13 1.21 0.00	23.97 1.31 0.00	25.03 1.35 0.00	26.51 1.45 0.00	28.72 1.65 0.00	30.26 1.87 -0.07	35.40 2.20 -0.41	44.09 2.70 1.41	51.56 2.91 3.27	52.01 2.78 3.13	49.39 2.58 0.01	40.29 2.03 0.01	31.76 1.83 0.00	28.43 1.88 0.00
CE_NYC2_DRP 24202	21.39 1.69 -0.01	17.59 1.38 -0.01	16.97 1.26 -0.01	16.22 1.19 -0.01	17.52 1.28 -0.01	21.89 1.39 -0.01	27.10 1.44 0.00	28.70 1.50 0.00	27.25 1.42 0.00	23.91 1.48 0.00	24.43 1.51 0.00	24.31 1.65 0.00	25.36 1.68 0.00	26.83 1.78 0.00	29.07 2.00 0.00	30.66 2.27 -0.07	35.86 2.66 -0.42	44.64 3.25 1.41	52.07 3.43 3.28	52.43 3.19 3.14	49.71 2.90 0.01	40.52 2.26 0.01	32.03 2.10 0.00	28.69 2.15 0.00
CE_NYC_DRP 24195	21.30 1.61 0.00	17.52 1.31 0.00	16.92 1.21 0.00	16.17 1.14 0.00	17.47 1.23 0.00	21.80 1.31 0.00	27.12 1.46 0.01	28.70 1.50 0.00	27.28 1.45 0.00	23.89 1.46 0.00	24.41 1.49 0.00	24.26 1.61 0.00	25.34 1.66 0.00	26.80 1.75 0.01	29.06 2.00 0.01	30.68 2.29 -0.06	35.89 2.69 -0.41	44.68 3.30 1.42	52.07 3.43 3.28	52.43 3.19 3.14	49.76 2.95 0.01	40.56 2.30 0.02	31.97 2.04 0.00	28.59 2.04 0.00
CHAFFEE___LFGE 323603	18.94 -0.75 0.00	15.45 -0.76 0.00	15.03 -0.67 0.00	14.36 -0.66 0.00	15.41 -0.83 0.00	19.14 -1.35 0.00	23.74 -1.93 0.00	24.73 -2.48 0.00	24.41 -1.42 0.00	21.26 -1.17 0.00	21.75 -1.17 0.00	21.50 -1.15 0.00	22.52 -1.16 0.00	23.68 -1.38 0.00	25.85 -1.22 0.00	27.02 -1.30 0.00	31.02 -1.77 0.00	39.20 -2.01 1.59	46.09 -2.13 3.70	47.10 -1.73 3.55	45.13 -1.68 0.01	36.85 -1.42 0.01	28.95 -0.99 0.00	25.53 -1.01 0.00
CHATEAUG_35_KV_LOAD 355732	19.55 -0.14 0.00	16.08 -0.13 0.00	15.60 -0.11 0.00	14.92 -0.11 0.00	16.17 -0.06 0.00	20.51 0.02 0.00	25.90 0.23 0.00	27.61 0.41 0.00	26.22 0.39 0.00	22.77 0.34 0.00	23.31 0.39 0.00	23.04 0.39 0.00	24.10 0.43 0.00	25.48 0.43 0.00	27.53 0.46 0.00	28.84 0.51 0.00	33.34 0.56 0.00	43.15 0.81 0.47	51.87 1.04 1.09	52.32 0.99 1.04	47.57 0.75 0.00	38.85 0.57 0.00	30.00 0.06 0.00	26.25 -0.29 0.00
CHATEAUG_WT_PWR 323614	19.53 -0.16 0.00	16.08 -0.13 0.00	15.60 -0.11 0.00	14.92 -0.10 0.00	16.15 -0.08 0.00	20.49 0.00 0.00	25.87 0.20 0.00	27.61 0.41 0.00	26.22 0.39 0.00	22.77 0.34 0.00	23.31 0.39 0.00	23.04 0.38 0.00	24.11 0.43 0.00	25.51 0.45 0.00	27.53 0.46 0.00	28.86 0.54 0.00	33.34 0.56 0.00	43.10 0.77 0.47	51.77 0.94 1.09	52.22 0.89 1.04	47.52 0.70 0.00	38.81 0.54 0.00	30.00 0.06 0.00	26.25 -0.29 0.00
CHAT_HIGH_FALL_HYD 323578	19.55 -0.14 0.00	16.08 -0.13 0.00	15.60 -0.11 0.00	14.92 -0.11 0.00	16.17 -0.06 0.00	20.51 0.02 0.00	25.90 0.23 0.00	27.61 0.41 0.00	26.22 0.39 0.00	22.77 0.34 0.00	23.31 0.39 0.00	23.04 0.39 0.00	24.10 0.43 0.00	25.48 0.43 0.00	27.53 0.46 0.00	28.84 0.51 0.00	33.34 0.56 0.00	43.15 0.81 0.47	51.87 1.04 1.09	52.32 0.99 1.04	47.57 0.75 0.00	38.85 0.57 0.00	30.00 0.06 0.00	26.25 -0.29 0.00
CHAUTAUQUA___LFGE 323629	19.04 -0.65 0.00	15.53 -0.68 0.00	15.09 -0.61 0.00	14.42 -0.60 0.00	15.46 -0.78 0.00	19.20 -1.29 0.00	23.85 -1.82 0.00	24.86 -2.34 0.00	24.59 -1.24 0.00	21.51 -0.92 0.00	22.02 -0.89 0.00	21.79 -0.86 0.00	22.85 -0.83 0.00	24.03 -1.03 0.00	26.20 -0.87 0.00	27.36 -0.96 0.00	31.41 -1.38 0.00	39.66 -1.54 1.60	46.60 -1.61 3.71	47.51 -1.31 3.55	45.31 -1.50 0.01	36.81 -1.45 0.01	28.86 -1.08 0.00	25.43 -1.11 0.00
CHERRYST_13_KV_LD 356241	21.34 1.65 0.00	17.57 1.36 0.00	16.95 1.24 0.00	16.20 1.17 0.00	17.50 1.27 0.00	21.87 1.37 0.00	27.21 1.54 0.00	28.78 1.58 0.00	27.36 1.52 0.00	23.98 1.55 0.00	24.50 1.58 0.00	24.35 1.70 0.00	25.43 1.75 0.00	26.91 1.85 0.00	29.18 2.11 0.00	30.80 2.41 -0.07	36.02 2.82 -0.42	44.85 3.47 1.41	52.28 3.63 3.28	52.63 3.40 3.14	49.90 3.09 0.01	40.68 2.41 0.01	32.06 2.13 0.00	28.67 2.12 0.00

CHESTROR_138KV_BK263 355645	20.87 1.18 0.00	17.18 0.97 0.00	16.60 0.90 0.00	15.87 0.84 0.00	17.14 0.91 0.00	21.46 0.96 0.00	26.69 1.03 0.00	28.21 1.01 0.00	26.76 0.93 0.00	23.33 0.90 0.00	23.84 0.92 0.00	23.65 1.00 0.00	24.70 1.02 0.00	26.16 1.10 0.00	28.34 1.27 0.00	29.83 1.44 -0.06	34.86 1.70 -0.37	43.56 2.14 1.38	51.06 2.34 3.20	51.56 2.25 3.06	48.87 2.06 0.01	39.91 1.65 0.01	31.46 1.53 0.00	28.13 1.59 0.00
CH_MIDHUDSON___DRP 24192	21.08 1.40 0.00	17.36 1.15 0.00	16.76 1.05 0.00	16.02 0.99 0.00	17.31 1.07 0.00	21.66 1.17 0.00	26.98 1.31 0.00	28.48 1.28 0.00	26.99 1.16 0.00	23.51 1.08 0.00	24.00 1.08 0.00	23.81 1.16 0.00	24.89 1.21 0.00	26.36 1.30 0.00	28.58 1.52 0.00	30.06 1.67 -0.07	35.19 2.00 -0.40	43.91 2.53 1.42	51.44 2.80 3.28	51.95 2.72 3.14	49.34 2.53 0.01	40.29 2.03 0.01	31.79 1.86 0.00	28.45 1.91 0.00
CH_MISC_IPPS 23765	21.12 1.44 0.00	17.41 1.20 0.00	16.81 1.10 0.00	16.06 1.04 0.00	17.31 1.07 0.00	21.72 1.23 0.00	27.05 1.39 0.00	28.59 1.39 0.00	27.07 1.24 0.00	23.55 1.12 0.00	24.04 1.12 0.00	23.88 1.22 0.00	24.93 1.25 0.00	26.43 1.38 0.00	28.69 1.62 0.00	30.09 1.70 -0.06	35.31 2.13 -0.40	44.17 2.78 1.41	51.77 3.12 3.27	52.28 3.04 3.13	49.57 2.76 0.01	40.41 2.14 0.01	31.94 2.01 0.00	28.51 1.96 0.00
CH_RES_BVR_FALLS 23983	19.55 -0.14 0.00	16.11 -0.10 0.00	15.61 -0.09 0.00	14.95 -0.07 0.00	16.17 -0.06 0.00	20.43 -0.06 0.00	25.59 -0.08 0.00	27.12 -0.08 0.00	25.78 -0.05 0.00	22.41 -0.02 0.00	22.90 -0.02 0.00	22.63 -0.02 0.00	23.66 -0.02 0.00	25.03 -0.03 0.00	27.04 -0.03 0.00	28.30 -0.03 0.00	32.75 -0.03 0.00	41.57 0.00 1.23	49.08 0.00 2.85	49.59 -0.05 2.72	46.58 -0.23 0.01	38.00 -0.27 0.01	29.61 -0.33 0.00	26.20 -0.35 0.00
CH_RES_NIAGARA 23895	18.31 -1.38 0.00	14.89 -1.31 0.00	14.53 -1.18 0.00	13.88 -1.14 0.00	14.69 -1.54 0.00	18.63 -1.86 0.00	22.95 -2.72 0.00	23.78 -3.43 0.00	23.46 -2.38 0.00	20.43 -2.00 0.00	20.88 -2.04 0.00	20.66 -1.99 0.00	21.59 -2.08 0.00	22.65 -2.41 0.00	24.74 -2.33 0.00	25.49 -2.83 0.00	29.48 -3.31 0.00	36.99 -4.19 1.62	43.55 -4.62 3.75	44.37 -4.40 3.59	42.83 -3.98 0.01	34.86 -3.41 0.01	27.78 -2.16 0.00	24.50 -2.04 0.00
CH_RES_SYRACUSE 23985	19.61 -0.08 0.00	16.16 -0.05 0.00	15.64 -0.06 0.00	14.98 -0.04 0.00	16.17 -0.06 0.00	20.31 -0.18 0.00	25.33 -0.33 0.00	26.80 -0.41 0.00	25.50 -0.34 0.00	22.12 -0.31 0.00	22.58 -0.34 0.00	22.27 -0.39 0.00	23.28 -0.40 0.00	24.65 -0.40 0.00	26.61 -0.46 0.00	27.85 -0.48 0.00	32.26 -0.53 0.00	41.98 -0.51 0.31	50.77 -0.42 0.73	51.25 -0.42 0.70	46.44 -0.38 0.00	38.01 -0.27 0.00	29.82 -0.12 0.00	26.57 0.03 0.00
CLINTON_WT_PWR 323605	19.53 -0.16 0.00	16.08 -0.13 0.00	15.60 -0.11 0.00	14.92 -0.10 0.00	16.15 -0.08 0.00	20.49 0.00 0.00	25.87 0.20 0.00	27.61 0.41 0.00	26.22 0.39 0.00	22.77 0.34 0.00	23.31 0.39 0.00	23.04 0.38 0.00	24.11 0.43 0.00	25.51 0.45 0.00	27.53 0.46 0.00	28.86 0.54 0.00	33.34 0.56 0.00	43.10 0.77 0.47	51.77 0.94 1.09	52.22 0.89 1.04	47.52 0.70 0.00	38.81 0.54 0.00	30.00 0.06 0.00	26.25 -0.29 0.00
CLINTON___LFGE 323618	19.88 0.20 0.00	16.31 0.10 0.00	15.85 0.14 0.00	15.14 0.12 0.00	16.36 0.13 0.00	20.74 0.25 0.00	26.28 0.61 0.00	28.10 0.90 0.00	26.66 0.83 0.00	23.10 0.67 0.00	23.67 0.76 0.00	23.40 0.75 0.00	24.51 0.83 0.00	25.93 0.88 0.00	27.96 0.89 0.00	29.38 1.05 0.00	33.97 1.18 0.00	44.05 1.71 0.47	53.01 2.18 1.09	53.37 2.04 1.04	48.55 1.73 0.00	39.61 1.34 0.00	30.48 0.54 0.00	26.57 0.03 0.00
COBBLENY_34_KV_TB1 80064	18.94 -0.75 0.00	15.41 -0.79 0.00	15.03 -0.68 0.00	14.36 -0.66 0.00	15.21 -1.02 0.00	19.10 -1.39 0.00	23.74 -1.93 0.00	24.73 -2.48 0.00	24.39 -1.45 0.00	21.26 -1.17 0.00	21.70 -1.21 0.00	21.50 -1.16 0.00	22.52 -1.16 0.00	23.68 -1.38 0.00	25.88 -1.19 0.00	26.74 -1.59 0.00	30.98 -1.80 0.00	39.07 -2.14 1.59	46.09 -2.13 3.70	46.94 -1.89 3.55	44.94 -1.87 0.01	36.54 -1.72 0.01	28.92 -1.02 0.00	25.37 -1.17 0.00
COFFEEN___115KV_TB3 355620	19.78 0.10 0.00	16.34 0.13 0.00	15.80 0.09 0.00	15.17 0.15 0.00	16.48 0.24 0.00	20.86 0.37 0.00	25.80 0.13 0.00	27.31 0.11 0.00	25.83 0.00 0.00	22.23 -0.20 0.00	22.46 -0.46 0.00	22.20 -0.45 0.00	23.16 -0.52 0.00	24.58 -0.48 0.00	26.44 -0.62 0.00	27.79 -0.54 0.00	32.36 -0.43 0.00	41.99 -0.13 0.68	51.32 0.99 1.58	52.53 1.68 1.52	48.03 1.22 0.00	39.30 1.03 0.00	30.53 0.60 0.00	26.97 0.42 0.00
COLDSPRG_115KV_BK1 355956	19.15 -0.53 0.00	15.61 -0.60 0.00	15.20 -0.50 0.00	14.51 -0.51 0.00	15.39 -0.84 0.00	19.33 -1.17 0.00	24.08 -1.59 0.00	25.19 -2.01 0.00	24.93 -0.90 0.00	21.82 -0.61 0.00	22.30 -0.62 0.00	22.06 -0.59 0.00	23.13 -0.54 0.00	24.35 -0.70 0.00	26.58 -0.49 0.00	27.53 -0.79 0.00	31.80 -0.98 0.00	40.15 -1.07 1.58	47.41 -0.83 3.68	48.22 -0.63 3.52	45.87 -0.94 0.01	37.12 -1.15 0.01	29.16 -0.78 0.00	25.53 -1.01 0.00
COLONIE_LFGE___ 323577	20.75 1.06 0.00	17.10 0.89 0.00	16.54 0.83 0.00	15.82 0.80 0.00	17.08 0.84 0.00	21.48 0.98 0.00	26.72 1.05 0.00	28.10 0.90 0.00	26.55 0.72 0.00	22.99 0.56 0.00	23.45 0.53 0.00	23.22 0.57 0.00	24.25 0.57 0.00	25.65 0.60 0.00	27.77 0.70 0.00	28.96 0.71 0.08	33.20 0.89 0.47	42.37 1.11 1.54	49.69 1.35 3.58	50.36 1.41 3.43	48.21 1.40 0.01	39.45 1.19 0.01	31.19 1.26 0.00	28.00 1.46 0.00
COOPERNY_115KV_TB1 80082	20.28 0.59 0.00	16.69 0.49 0.00	16.19 0.49 0.00	15.47 0.45 0.00	16.71 0.47 0.00	20.92 0.43 0.00	26.08 0.41 0.00	27.56 0.35 0.00	26.17 0.34 0.00	22.77 0.34 0.00	23.26 0.34 0.00	23.04 0.39 0.00	24.06 0.38 0.00	25.48 0.43 0.00	27.58 0.51 0.00	28.95 0.59 -0.03	33.64 0.66 -0.20	42.36 0.81 1.25	49.90 0.88 2.90	50.43 0.84 2.78	47.61 0.80 0.01	38.88 0.61 0.01	30.62 0.69 0.00	27.31 0.77 0.00
COPENHAGEN_WT_PWR 323753	19.66 -0.02 0.00	16.24 0.03 0.00	15.71 0.00 0.00	15.07 0.05 0.00	16.38 0.15 0.00	20.70 0.20 0.00	25.62 -0.05 0.00	27.12 -0.08 0.00	25.70 -0.13 0.00	22.14 -0.29 0.00	22.39 -0.53 0.00	22.13 -0.52 0.00	23.11 -0.57 0.00	24.50 -0.55 0.00	26.39 -0.68 0.00	27.73 -0.60 0.00	32.23 -0.56 0.00	41.81 -0.34 0.65	50.93 0.52 1.51	51.97 1.05 1.45	47.52 0.70 0.00	38.92 0.65 0.00	30.24 0.30 0.00	26.75 0.21 0.00
CORNELL_____ 23752	20.02 0.33 0.00	16.47 0.26 0.00	15.96 0.25 0.00	15.28 0.26 0.00	16.46 0.23 0.00	20.72 0.23 0.00	25.82 0.15 0.00	27.31 0.11 0.00	25.96 0.13 0.00	22.47 0.04 0.00	22.92 0.00 0.00	22.61 -0.05 0.00	23.61 -0.07 0.00	25.00 -0.05 0.00	27.07 0.00 0.00	28.27 -0.06 0.00	32.85 0.07 0.00	41.86 0.39 1.33	49.77 0.93 3.08	50.46 1.05 2.95	47.70 0.89 0.01	38.99 0.73 0.01	30.59 0.66 0.00	27.07 0.53 0.00

CORONAAV_69_KV_TB1 355595	21.55 1.85 -0.02	17.78 1.56 -0.02	17.10 1.40 0.00	16.33 1.31 0.00	17.73 1.49 0.00	22.07 1.58 0.00	27.58 1.90 -0.02	29.07 1.85 -0.02	27.54 1.70 0.00	24.17 1.73 -0.02	24.65 1.72 -0.02	24.44 1.77 -0.02	25.49 1.80 -0.02	27.00 1.93 -0.02	29.63 2.17 -0.40	73.18 2.52 -42.33	64.71 2.85 -29.07	61.78 3.47 -15.51	69.58 3.74 -13.92	65.20 3.67 -9.16	84.22 3.46 -33.93	58.74 2.72 -17.75	63.65 2.51 -31.20	41.60 2.42 -12.65
CORTLAND_115KV_TB3 80093	19.90 0.22 0.00	16.37 0.16 0.00	15.86 0.16 0.00	15.19 0.17 0.00	16.35 0.11 0.00	20.58 0.08 0.00	25.64 -0.03 0.00	27.07 -0.14 0.00	25.78 -0.05 0.00	22.34 -0.09 0.00	22.80 -0.11 0.00	22.52 -0.14 0.00	23.51 -0.17 0.00	24.88 -0.18 0.00	26.93 -0.14 0.00	28.13 -0.20 0.00	32.66 -0.13 0.00	41.37 0.04 1.47	48.82 0.31 3.41	49.52 0.42 3.27	47.18 0.37 0.01	38.53 0.27 0.01	30.30 0.36 0.00	26.89 0.35 0.00
COXSACKIE___GT 23611	20.93 1.24 0.00	17.28 1.07 0.00	16.73 1.02 0.00	15.99 0.96 0.00	17.26 1.02 0.00	21.72 1.23 0.00	26.95 1.28 0.00	28.26 1.06 0.00	26.58 0.75 0.00	22.83 0.40 0.00	23.22 0.30 0.00	22.97 0.32 0.00	23.99 0.31 0.00	25.43 0.38 0.00	27.64 0.57 0.00	28.96 0.65 0.02	33.68 1.02 0.12	42.77 1.46 1.49	50.45 1.97 3.44	51.37 2.30 3.30	49.06 2.25 0.01	40.18 1.91 0.01	31.67 1.74 0.00	28.24 1.70 0.00
CPV_VALLEY___CC1 323721	20.10 0.41 0.00	16.55 0.34 0.00	16.11 0.41 0.00	15.40 0.38 0.00	16.51 0.28 0.00	20.74 0.25 0.00	25.85 0.18 0.00	27.34 0.14 0.00	25.94 0.10 0.00	22.56 0.14 0.00	23.06 0.14 0.00	22.83 0.18 0.00	23.85 0.17 0.00	25.25 0.20 0.00	27.34 0.27 0.00	28.67 0.31 -0.03	33.34 0.36 -0.19	41.94 0.38 1.24	49.41 0.37 2.88	49.87 0.26 2.76	47.09 0.28 0.01	38.42 0.15 0.01	30.35 0.42 0.00	27.07 0.53 0.00
CPV_VALLEY___CC2 323722	20.10 0.41 0.00	16.55 0.34 0.00	16.11 0.41 0.00	15.40 0.38 0.00	16.51 0.28 0.00	20.74 0.25 0.00	25.85 0.18 0.00	27.34 0.14 0.00	25.94 0.10 0.00	22.56 0.14 0.00	23.06 0.14 0.00	22.83 0.18 0.00	23.85 0.17 0.00	25.25 0.20 0.00	27.34 0.27 0.00	28.67 0.31 -0.03	33.34 0.36 -0.19	41.94 0.38 1.24	49.41 0.37 2.88	49.87 0.26 2.76	47.09 0.28 0.01	38.42 0.15 0.01	30.35 0.42 0.00	27.07 0.53 0.00
CRESCENT___HYD 24018	20.75 1.06 0.00	17.10 0.89 0.00	16.54 0.83 0.00	15.82 0.80 0.00	17.08 0.84 0.00	21.48 0.98 0.00	26.72 1.05 0.00	28.10 0.90 0.00	26.55 0.72 0.00	22.99 0.56 0.00	23.45 0.53 0.00	23.22 0.57 0.00	24.25 0.57 0.00	25.65 0.60 0.00	27.77 0.70 0.00	28.96 0.71 0.08	33.20 0.89 0.47	42.37 1.11 1.54	49.69 1.35 3.58	50.36 1.41 3.43	48.21 1.40 0.01	39.45 1.19 0.01	31.19 1.26 0.00	28.00 1.46 0.00
CRICKET___VALLEY_CC1 323756	20.93 1.24 0.00	17.23 1.02 0.00	16.65 0.94 0.00	15.91 0.89 0.00	17.16 0.92 0.00	21.54 1.04 0.00	26.79 1.13 0.00	28.24 1.03 0.00	26.71 0.88 0.00	23.26 0.83 0.00	23.77 0.85 0.00	23.58 0.93 0.00	24.63 0.95 0.00	26.06 1.00 0.00	28.15 1.08 0.00	28.66 1.13 0.80	29.28 1.41 4.92	43.03 1.67 1.44	50.41 1.82 3.33	50.96 1.78 3.19	48.49 1.68 0.01	39.53 1.26 0.01	31.40 1.47 0.00	28.19 1.65 0.00
CRICKET___VALLEY_CC2 323757	20.93 1.24 0.00	17.23 1.02 0.00	16.65 0.94 0.00	15.91 0.89 0.00	17.16 0.92 0.00	21.54 1.04 0.00	26.79 1.13 0.00	28.24 1.03 0.00	26.71 0.88 0.00	23.26 0.83 0.00	23.77 0.85 0.00	23.58 0.93 0.00	24.63 0.95 0.00	26.06 1.00 0.00	28.15 1.08 0.00	28.66 1.13 0.80	29.28 1.41 4.92	43.03 1.67 1.44	50.41 1.82 3.33	50.96 1.78 3.19	48.49 1.68 0.01	39.53 1.26 0.01	31.40 1.47 0.00	28.19 1.65 0.00
CRICKET___VALLEY_CC3 323758	20.93 1.24 0.00	17.23 1.02 0.00	16.65 0.94 0.00	15.91 0.89 0.00	17.16 0.92 0.00	21.54 1.04 0.00	26.79 1.13 0.00	28.24 1.03 0.00	26.71 0.88 0.00	23.26 0.83 0.00	23.77 0.85 0.00	23.58 0.93 0.00	24.63 0.95 0.00	26.06 1.00 0.00	28.15 1.08 0.00	28.66 1.13 0.80	29.28 1.41 4.92	43.03 1.67 1.44	50.41 1.82 3.33	50.96 1.78 3.19	48.49 1.68 0.01	39.53 1.26 0.01	31.40 1.47 0.00	28.19 1.65 0.00
CRUCIBLE_METL_DRP 24180	19.61 -0.08 0.00	16.14 -0.06 0.00	15.64 -0.06 0.00	14.98 -0.05 0.00	16.14 -0.10 0.00	20.31 -0.18 0.00	25.33 -0.33 0.00	26.80 -0.41 0.00	25.50 -0.34 0.00	22.12 -0.31 0.00	22.57 -0.34 0.00	22.27 -0.39 0.00	23.28 -0.40 0.00	24.63 -0.43 0.00	26.61 -0.46 0.00	27.82 -0.51 0.00	32.23 -0.56 0.00	41.93 -0.56 0.31	50.78 -0.42 0.73	51.25 -0.42 0.70	46.44 -0.37 0.00	37.97 -0.31 0.00	29.85 -0.09 0.00	26.54 0.00 0.00
DAHOWA___HYDRO 323763	20.91 1.22 0.00	17.23 1.02 0.00	16.68 0.97 0.00	15.94 0.92 0.00	17.24 1.01 0.00	21.81 1.31 0.00	27.10 1.44 0.00	28.46 1.25 0.00	26.81 0.98 0.00	23.19 0.76 0.00	23.63 0.71 0.00	23.36 0.70 0.00	24.39 0.71 0.00	25.86 0.80 0.00	28.01 0.95 0.00	29.00 0.74 0.06	33.42 1.02 0.39	42.61 1.37 1.56	50.02 1.71 3.61	50.74 1.83 3.46	48.59 1.78 0.01	39.72 1.45 0.01	31.34 1.41 0.00	28.32 1.78 0.00
DANC___LFGE 323619	19.59 -0.10 0.00	16.14 -0.06 0.00	15.63 -0.08 0.00	14.98 -0.04 0.00	16.25 0.02 0.00	20.47 -0.02 0.00	25.39 -0.28 0.00	26.85 -0.35 0.00	25.47 -0.36 0.00	22.00 -0.43 0.00	22.35 -0.57 0.00	22.09 -0.57 0.00	23.06 -0.62 0.00	24.45 -0.60 0.00	26.34 -0.73 0.00	27.62 -0.71 0.00	32.03 -0.75 0.00	41.63 -0.69 0.48	50.65 -0.16 1.11	51.51 0.21 1.07	46.91 0.09 0.00	38.39 0.12 0.00	29.97 0.03 0.00	26.59 0.05 0.00
DANSKAMMER___1 23586	21.12 1.44 0.00	17.41 1.20 0.00	16.81 1.10 0.00	16.06 1.04 0.00	17.31 1.07 0.00	21.72 1.23 0.00	27.05 1.39 0.00	28.59 1.39 0.00	27.07 1.24 0.00	23.55 1.12 0.00	24.04 1.12 0.00	23.88 1.22 0.00	24.93 1.25 0.00	26.43 1.38 0.00	28.69 1.62 0.00	30.09 1.70 -0.06	35.31 2.13 -0.40	44.17 2.78 1.41	51.77 3.12 3.27	52.28 3.04 3.13	49.57 2.76 0.01	40.41 2.14 0.01	31.94 2.01 0.00	28.51 1.96 0.00
DANSKAMMER___2 23589	21.12 1.44 0.00	17.41 1.20 0.00	16.81 1.10 0.00	16.06 1.04 0.00	17.31 1.07 0.00	21.72 1.23 0.00	27.05 1.39 0.00	28.59 1.39 0.00	27.07 1.24 0.00	23.55 1.12 0.00	24.04 1.12 0.00	23.88 1.22 0.00	24.93 1.25 0.00	26.43 1.38 0.00	28.69 1.62 0.00	30.09 1.70 -0.06	35.31 2.13 -0.40	44.17 2.78 1.41	51.77 3.12 3.27	52.28 3.04 3.13	49.57 2.76 0.01	40.41 2.14 0.01	31.94 2.01 0.00	28.51 1.96 0.00
DANSKAMMER___3 23590	21.12 1.44 0.00	17.41 1.20 0.00	16.81 1.10 0.00	16.06 1.04 0.00	17.31 1.07 0.00	21.72 1.23 0.00	27.05 1.39 0.00	28.59 1.39 0.00	27.07 1.24 0.00	23.55 1.12 0.00	24.04 1.12 0.00	23.88 1.22 0.00	24.93 1.25 0.00	26.43 1.38 0.00	28.69 1.62 0.00	30.09 1.70 -0.06	35.31 2.13 -0.40	44.17 2.78 1.41	51.77 3.12 3.27	52.28 3.04 3.13	49.57 2.76 0.01	40.41 2.14 0.01	31.94 2.01 0.00	28.51 1.96 0.00

DANSKAMMER___4 23591	21.12 1.44 0.00	17.41 1.20 0.00	16.81 1.10 0.00	16.06 1.04 0.00	17.31 1.07 0.00	21.72 1.23 0.00	27.05 1.39 0.00	28.59 1.39 0.00	27.07 1.24 0.00	23.55 1.12 0.00	24.04 1.12 0.00	23.88 1.22 0.00	24.93 1.25 0.00	26.43 1.38 0.00	28.69 1.62 0.00	30.09 1.70 -0.06	35.31 2.13 -0.40	44.17 2.78 1.41	51.77 3.12 3.27	52.28 3.04 3.13	49.57 2.76 0.01	40.41 2.14 0.01	31.94 2.01 0.00	28.51 1.96 0.00
DANSKAMMER___DIESEL 23592	21.12 1.44 0.00	17.41 1.20 0.00	16.81 1.10 0.00	16.06 1.04 0.00	17.35 1.12 0.00	21.72 1.23 0.00	27.05 1.39 0.00	28.59 1.39 0.00	27.07 1.24 0.00	23.55 1.12 0.00	24.04 1.12 0.00	23.88 1.22 0.00	24.93 1.25 0.00	26.43 1.38 0.00	28.69 1.62 0.00	30.20 1.81 -0.06	35.35 2.16 -0.40	44.22 2.82 1.41	51.77 3.12 3.27	52.28 3.04 3.13	49.67 2.86 0.01	40.52 2.26 0.01	31.94 2.01 0.00	28.53 1.99 0.00
DARBY___SOLAR 323810	20.85 1.16 0.00	17.18 0.97 0.00	16.63 0.93 0.00	15.90 0.87 0.00	17.19 0.96 0.00	21.72 1.23 0.00	27.00 1.33 0.00	28.37 1.17 0.00	26.74 0.90 0.00	23.10 0.67 0.00	23.54 0.62 0.00	23.27 0.61 0.00	24.32 0.64 0.00	25.75 0.70 0.00	27.91 0.84 0.00	28.94 0.68 0.07	33.34 0.95 0.40	42.53 1.28 1.56	49.92 1.61 3.61	50.64 1.73 3.45	48.49 1.68 0.01	39.64 1.38 0.01	31.28 1.35 0.00	28.21 1.67 0.00
DASHVILLE___HYD 23610	21.24 1.56 0.00	17.50 1.30 0.00	16.90 1.19 0.00	16.14 1.11 0.00	17.44 1.20 0.00	21.83 1.33 0.00	27.21 1.54 0.00	28.73 1.52 0.00	27.18 1.34 0.00	23.64 1.21 0.00	24.11 1.19 0.00	23.94 1.29 0.00	25.03 1.35 0.00	26.56 1.50 0.00	28.85 1.79 0.00	30.41 2.04 -0.04	35.53 2.49 -0.25	44.64 3.25 1.42	52.33 3.69 3.28	52.84 3.61 3.14	50.13 3.32 0.01	40.94 2.68 0.01	32.24 2.31 0.00	28.74 2.20 0.00
DELAWARE___LFGE 323621	20.31 0.63 0.00	16.73 0.52 0.00	16.19 0.49 0.00	15.49 0.47 0.00	16.72 0.49 0.00	21.03 0.53 0.00	26.13 0.46 0.00	27.59 0.38 0.00	26.17 0.34 0.00	22.72 0.29 0.00	23.17 0.25 0.00	22.93 0.27 0.00	23.96 0.28 0.00	25.38 0.33 0.00	27.45 0.38 0.00	28.75 0.42 0.00	33.31 0.52 0.00	42.02 0.77 1.55	49.32 0.99 3.58	50.04 1.10 3.43	47.79 0.98 0.01	39.11 0.84 0.01	30.74 0.81 0.00	27.42 0.88 0.00
DERFIELD_115KV_TB7 355931	19.94 0.26 0.00	16.43 0.23 0.00	15.91 0.20 0.00	15.22 0.20 0.00	16.43 0.19 0.00	20.68 0.18 0.00	25.72 0.05 0.00	27.15 -0.05 0.00	25.78 -0.05 0.00	22.36 -0.07 0.00	22.83 -0.09 0.00	22.56 -0.09 0.00	23.58 -0.13 0.00	24.93 -0.11 0.00	26.96 -0.11 0.00	28.19 -0.14 0.00	32.66 -0.13 0.00	40.84 -0.13 1.83	47.56 -0.10 4.25	48.24 -0.05 4.07	46.76 -0.05 0.01	38.19 -0.08 0.01	30.09 0.15 0.00	26.89 0.35 0.00
DOGLEVILLE___HYD 23807	19.94 0.26 0.00	16.43 0.23 0.00	15.91 0.20 0.00	15.22 0.20 0.00	16.45 0.21 0.00	20.72 0.23 0.00	25.77 0.10 0.00	27.15 -0.05 0.00	25.75 -0.08 0.00	22.34 -0.09 0.00	22.78 -0.14 0.00	22.52 -0.14 0.00	23.54 -0.14 0.00	24.90 -0.15 0.00	26.90 -0.16 0.00	28.13 -0.20 0.00	32.62 -0.16 0.00	40.84 -0.13 1.83	47.62 -0.05 4.25	48.35 0.05 4.07	46.76 -0.05 0.01	38.26 0.00 0.01	30.09 0.15 0.00	26.86 0.32 0.00
DUNKIRK___115KV_TB_200 55889	19.04 -0.65 0.00	15.51 -0.70 0.00	15.11 -0.60 0.00	14.42 -0.60 0.00	15.29 -0.94 0.00	19.18 -1.31 0.00	23.87 -1.80 0.00	24.86 -2.34 0.00	24.59 -1.24 0.00	21.49 -0.94 0.00	21.98 -0.94 0.00	21.77 -0.88 0.00	22.80 -0.88 0.00	23.98 -1.08 0.00	26.17 -0.89 0.00	27.08 -1.25 0.00	31.31 -1.48 0.00	39.49 -1.71 1.60	46.55 -1.66 3.71	47.35 -1.47 3.55	45.17 -1.64 0.01	36.58 -1.68 0.01	28.86 -1.08 0.00	25.35 -1.19 0.00
DUNKIRK___1 23563	19.04 -0.65 0.00	15.51 -0.70 0.00	15.11 -0.60 0.00	14.42 -0.60 0.00	15.29 -0.94 0.00	19.18 -1.31 0.00	23.87 -1.80 0.00	24.86 -2.34 0.00	24.59 -1.24 0.00	21.49 -0.94 0.00	21.98 -0.94 0.00	21.77 -0.88 0.00	22.80 -0.88 0.00	23.98 -1.08 0.00	26.17 -0.89 0.00	27.08 -1.25 0.00	31.31 -1.48 0.00	39.49 -1.71 1.60	46.55 -1.66 3.71	47.35 -1.47 3.55	45.17 -1.64 0.01	36.58 -1.68 0.01	28.86 -1.08 0.00	25.35 -1.19 0.00
DUNKIRK___2 23564	19.04 -0.65 0.00	15.51 -0.70 0.00	15.11 -0.60 0.00	14.42 -0.60 0.00	15.29 -0.94 0.00	19.18 -1.31 0.00	23.87 -1.80 0.00	24.86 -2.34 0.00	24.59 -1.24 0.00	21.49 -0.94 0.00	21.98 -0.94 0.00	21.77 -0.88 0.00	22.80 -0.88 0.00	23.98 -1.08 0.00	26.17 -0.89 0.00	27.08 -1.25 0.00	31.31 -1.48 0.00	39.49 -1.71 1.60	46.55 -1.66 3.71	47.35 -1.47 3.55	45.17 -1.64 0.01	36.58 -1.68 0.01	28.86 -1.08 0.00	25.35 -1.19 0.00
DUNKIRK___3 23565	19.00 -0.69 0.00	15.48 -0.73 0.00	15.08 -0.63 0.00	14.41 -0.62 0.00	15.28 -0.96 0.00	19.16 -1.33 0.00	23.82 -1.85 0.00	24.84 -2.37 0.00	24.51 -1.32 0.00	21.40 -1.03 0.00	21.86 -1.05 0.00	21.66 -1.00 0.00	22.68 -0.99 0.00	23.85 -1.20 0.00	26.04 -1.03 0.00	26.94 -1.39 0.00	31.15 -1.64 0.00	39.27 -1.93 1.60	46.28 -1.92 3.72	47.13 -1.68 3.56	45.03 -1.78 0.01	36.54 -1.72 0.01	28.86 -1.08 0.00	25.35 -1.19 0.00
DUNKIRK___4 23566	19.00 -0.69 0.00	15.48 -0.73 0.00	15.08 -0.63 0.00	14.41 -0.62 0.00	15.28 -0.96 0.00	19.16 -1.33 0.00	23.82 -1.85 0.00	24.84 -2.37 0.00	24.51 -1.32 0.00	21.40 -1.03 0.00	21.86 -1.05 0.00	21.66 -1.00 0.00	22.68 -0.99 0.00	23.85 -1.20 0.00	26.04 -1.03 0.00	26.94 -1.39 0.00	31.15 -1.64 0.00	39.27 -1.93 1.60	46.28 -1.92 3.72	47.13 -1.68 3.56	45.03 -1.78 0.01	36.54 -1.72 0.01	28.86 -1.08 0.00	25.35 -1.19 0.00
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	21.20 1.52 0.00	17.46 1.25 0.00	16.84 1.13 0.00	16.09 1.07 0.00	17.40 1.17 0.00	21.74 1.25 0.00	27.05 1.39 0.00	28.62 1.41 0.00	27.18 1.34 0.00	23.75 1.32 0.00	24.27 1.35 0.00	24.10 1.45 0.00	25.17 1.49 0.00	26.66 1.60 0.00	28.88 1.81 0.00	30.46 2.07 -0.07	35.63 2.43 -0.42	44.34 2.95 1.41	51.81 3.17 3.28	52.27 3.04 3.14	49.57 2.76 0.01	40.45 2.18 0.01	31.91 1.98 0.00	28.53 1.99 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	21.02 1.34 0.00	17.33 1.12 0.00	16.73 1.02 0.00	15.99 0.96 0.00	17.27 1.04 0.00	21.62 1.13 0.00	26.92 1.26 0.00	28.46 1.25 0.00	26.97 1.14 0.00	23.51 1.08 0.00	24.00 1.08 0.00	23.81 1.16 0.00	24.89 1.21 0.00	26.36 1.30 0.00	28.58 1.52 0.00	30.09 1.70 -0.06	35.20 2.03 -0.38	44.01 2.61 1.40	51.54 2.86 3.24	52.04 2.78 3.10	49.39 2.58 0.01	40.33 2.07 0.01	31.76 1.83 0.00	28.40 1.86 0.00
E179THST_138_KV_TB4_REV_LBMP_J 345001	21.46 1.77 -0.01	17.63 1.41 -0.01	17.00 1.29 -0.01	16.25 1.22 -0.01	17.56 1.31 -0.01	21.96 1.46 -0.01	27.00 1.33 0.00	28.59 1.39 0.00	27.15 1.32 0.00	23.82 1.39 0.00	24.34 1.42 0.00	24.22 1.56 0.00	25.27 1.59 0.00	26.73 1.68 0.00	28.96 1.89 0.00	30.55 2.15 -0.07	35.73 2.52 -0.42	44.47 3.08 1.41	51.86 3.22 3.28	52.22 2.98 3.14	49.53 2.72 0.01	40.37 2.11 0.01	32.00 2.07 0.00	28.72 2.18 0.00

E179THST_13_KV_LOAD 356214	21.54 1.85 -0.01	17.69 1.47 -0.01	17.07 1.35 -0.01	16.31 1.28 -0.01	17.62 1.38 -0.01	22.04 1.54 -0.01	27.10 1.44 0.00	28.70 1.50 0.00	27.28 1.45 0.00	23.93 1.50 0.00	24.43 1.51 0.00	24.31 1.65 0.00	25.38 1.70 0.00	26.86 1.80 0.00	29.10 2.03 0.00	30.69 2.29 -0.07	35.89 2.69 -0.42	44.73 3.34 1.41	52.17 3.53 3.28	52.48 3.25 3.14	49.76 2.95 0.01	40.56 2.30 0.01	32.15 2.22 0.00	28.82 2.28 0.00
EAST HAMPTON___GT 23717	21.66 1.97 -0.01	17.87 1.65 -0.01	17.15 1.44 0.00	16.42 1.40 0.00	17.92 1.69 0.00	22.32 1.82 0.00	28.29 2.62 -0.01	30.04 2.83 -0.01	27.92 2.09 0.00	24.81 2.38 -0.01	25.31 2.38 -0.01	25.02 2.36 -0.01	26.15 2.46 -0.01	27.62 2.56 -0.01	29.89 2.79 -0.04	34.61 2.92 -3.36	41.14 3.57 -4.77	46.97 4.20 0.02	58.74 4.94 -1.89	55.96 4.61 1.02	53.57 3.98 -2.77	42.53 2.87 -1.38	37.33 2.90 -4.49	30.32 2.79 -0.99
EAST RIVER___6 23660	21.28 1.59 0.00	17.50 1.30 0.00	16.90 1.19 0.00	16.15 1.13 0.00	17.40 1.17 0.00	21.81 1.31 0.00	27.13 1.46 0.00	28.67 1.47 0.00	27.23 1.39 0.00	23.87 1.44 0.00	24.39 1.47 0.00	24.24 1.59 0.00	25.31 1.63 0.00	26.78 1.73 0.00	29.04 1.97 0.00	30.61 2.21 -0.07	35.86 2.65 -0.42	44.60 3.21 1.41	52.02 3.37 3.28	52.37 3.14 3.14	49.62 2.81 0.01	40.37 2.10 0.01	31.97 2.04 0.00	28.53 1.99 0.00
EAST RIVER___7 23524	21.28 1.59 0.00	17.50 1.30 0.00	16.90 1.19 0.00	16.15 1.13 0.00	17.40 1.17 0.00	21.81 1.31 0.00	27.13 1.46 0.00	28.67 1.47 0.00	27.23 1.39 0.00	23.87 1.44 0.00	24.39 1.47 0.00	24.24 1.59 0.00	25.31 1.63 0.00	26.78 1.73 0.00	29.04 1.97 0.00	30.61 2.21 -0.07	35.86 2.65 -0.42	44.60 3.21 1.41	52.02 3.37 3.28	52.37 3.14 3.14	49.62 2.81 0.01	40.37 2.10 0.01	31.97 2.04 0.00	28.53 1.99 0.00
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	21.16 1.48 0.00	17.42 1.22 0.00	16.81 1.10 0.00	16.06 1.04 0.00	17.35 1.12 0.00	21.70 1.21 0.00	27.00 1.33 0.00	28.56 1.36 0.00	27.10 1.27 0.00	23.69 1.26 0.00	24.20 1.28 0.00	24.04 1.38 0.00	25.10 1.42 0.00	26.58 1.53 0.00	28.80 1.73 0.00	30.35 1.95 -0.07	35.50 2.30 -0.42	44.21 2.82 1.41	51.66 3.01 3.27	52.11 2.88 3.14	49.48 2.67 0.01	40.33 2.07 0.01	31.82 1.89 0.00	28.48 1.94 0.00
EAST_HAMPTON___DIESEL 23722	21.64 1.95 -0.01	17.85 1.64 -0.01	17.14 1.43 0.00	16.42 1.40 0.00	17.91 1.67 0.00	22.32 1.82 0.00	28.29 2.62 -0.01	30.04 2.83 -0.01	27.92 2.09 0.00	24.81 2.38 -0.01	25.31 2.38 -0.01	25.02 2.36 -0.01	26.15 2.46 -0.01	27.59 2.53 -0.01	29.89 2.79 -0.04	34.58 2.89 -3.36	41.10 3.54 -4.77	46.93 4.15 0.02	58.68 4.55 -1.89	55.90 4.55 1.02	53.53 3.93 -2.77	42.49 2.83 -1.38	37.30 2.87 -4.49	30.32 2.79 -0.99
EAST_POINT___SOLAR 323840	21.12 1.44 0.00	17.41 1.20 0.00	16.85 1.15 0.00	16.12 1.10 0.00	17.47 1.23 0.00	22.05 1.56 0.00	26.92 1.26 0.00	27.64 0.43 0.00	25.70 -0.13 0.00	22.16 -0.27 0.00	22.64 -0.27 0.00	22.13 -0.52 0.00	23.18 -0.50 0.00	24.58 -0.48 0.00	26.66 -0.41 0.00	27.95 -0.34 0.04	32.45 -0.10 0.24	41.57 0.34 1.57	49.43 1.14 3.63	51.87 2.98 3.48	50.13 3.32 0.01	41.10 2.83 0.01	32.24 2.31 0.00	28.69 2.15 0.00
EAST_PULASKI___ESR 323781	19.51 -0.18 0.00	16.08 -0.13 0.00	15.57 -0.14 0.00	14.90 -0.12 0.00	16.12 -0.11 0.00	20.25 -0.25 0.00	25.18 -0.49 0.00	26.63 -0.57 0.00	25.32 -0.52 0.00	21.89 -0.54 0.00	22.32 -0.60 0.00	22.06 -0.59 0.00	23.04 -0.64 0.00	24.40 -0.65 0.00	26.31 -0.76 0.00	27.56 -0.76 0.00	31.90 -0.88 0.00	41.86 -0.94 0.00	51.19 -0.73 0.00	51.79 -0.57 0.00	46.31 -0.51 0.00	37.89 -0.38 0.00	29.70 -0.24 0.00	26.41 -0.13 0.00
EAST_RIVER___1 323558	21.30 1.61 0.00	17.52 1.31 0.00	16.90 1.19 0.00	16.17 1.14 0.00	17.40 1.17 0.00	21.81 1.31 0.00	27.13 1.46 0.00	28.70 1.50 0.00	27.25 1.42 0.00	23.89 1.46 0.00	24.41 1.49 0.00	24.26 1.61 0.00	25.34 1.66 0.00	26.81 1.75 0.00	29.07 2.00 0.00	30.63 2.24 -0.07	35.89 2.69 -0.42	44.64 3.25 1.41	52.07 3.43 3.28	52.43 3.19 3.14	49.67 2.86 0.01	40.41 2.14 0.01	31.97 2.04 0.00	28.53 1.99 0.00
EAST_RIVER___2 323559	21.28 1.59 0.00	17.50 1.30 0.00	16.90 1.19 0.00	16.15 1.13 0.00	17.40 1.17 0.00	21.81 1.31 0.00	27.13 1.46 0.00	28.67 1.47 0.00	27.23 1.39 0.00	23.87 1.44 0.00	24.39 1.47 0.00	24.24 1.59 0.00	25.31 1.63 0.00	26.78 1.73 0.00	29.04 1.97 0.00	30.61 2.21 -0.07	35.86 2.65 -0.42	44.60 3.21 1.41	52.02 3.37 3.28	52.37 3.14 3.14	49.62 2.81 0.01	40.37 2.10 0.01	31.97 2.04 0.00	28.53 1.99 0.00
EAST___DELAWARE_HYD 23607	20.93 1.24 0.00	17.23 1.02 0.00	16.68 0.97 0.00	15.93 0.90 0.00	17.16 0.92 0.00	21.56 1.06 0.00	26.87 1.21 0.00	28.40 1.20 0.00	26.89 1.06 0.00	23.37 0.94 0.00	23.84 0.92 0.00	23.65 1.00 0.00	24.79 1.11 0.00	26.31 1.25 0.00	28.55 1.49 0.00	29.96 1.59 -0.05	35.11 2.03 -0.29	44.22 2.78 1.36	52.12 3.33 3.13	52.67 3.30 3.00	49.76 2.95 0.01	40.56 2.30 0.01	31.97 2.04 0.00	28.43 1.88 0.00
EIGHT_POINT___WT_PWR 323820	19.47 -0.22 0.00	15.93 -0.28 0.00	15.49 -0.22 0.00	14.83 -0.20 0.00	15.97 -0.26 0.00	19.96 -0.53 0.00	24.79 -0.87 0.00	26.04 -1.17 0.00	25.11 -0.72 0.00	21.78 -0.65 0.00	22.28 -0.64 0.00	22.02 -0.63 0.00	23.04 -0.64 0.00	24.35 -0.70 0.00	26.42 -0.65 0.00	27.59 -0.74 0.00	31.67 -1.11 0.00	40.37 -0.98 1.45	47.86 -0.68 3.38	48.82 -0.31 3.24	46.39 -0.42 0.01	37.81 -0.46 0.01	29.55 -0.39 0.00	25.75 -0.80 0.00
ELBRIDGE_115KV_TB2 80188	19.47 -0.22 0.00	16.03 -0.18 0.00	15.53 -0.17 0.00	14.87 -0.15 0.00	16.01 -0.23 0.00	20.14 -0.35 0.00	25.13 -0.54 0.00	26.61 -0.60 0.00	25.34 -0.49 0.00	21.96 -0.47 0.00	22.44 -0.48 0.00	22.13 -0.52 0.00	23.11 -0.57 0.00	24.48 -0.58 0.00	26.42 -0.65 0.00	27.62 -0.71 0.00	32.00 -0.79 0.00	41.79 -0.86 0.15	50.74 -0.83 0.35	51.19 -0.84 0.34	46.07 -0.75 0.00	37.66 -0.61 0.00	29.61 -0.33 0.00	26.36 -0.19 0.00
ELEC_TRO_TEK 24086	21.42 1.71 -0.02	17.67 1.44 -0.02	16.99 1.29 0.00	16.23 1.20 0.00	17.61 1.38 0.00	21.95 1.46 0.00	27.40 1.72 -0.02	28.91 1.69 -0.02	27.38 1.55 0.00	24.04 1.59 -0.02	24.54 1.60 -0.02	24.30 1.63 -0.02	25.35 1.66 -0.02	26.85 1.78 -0.02	29.26 1.98 -0.22	53.19 2.32 -22.54	53.03 2.59 -17.65	53.47 3.08 -7.59	64.57 3.22 -9.43	60.02 3.19 -4.46	67.90 3.04 -18.04	50.12 2.41 -9.44	50.73 2.28 -18.52	35.50 2.23 -6.73
ELLENBURG_WT_PWR 323604	19.53 -0.16 0.00	16.08 -0.13 0.00	15.60 -0.11 0.00	14.92 -0.10 0.00	16.15 -0.08 0.00	20.49 0.00 0.00	25.87 0.20 0.00	27.61 0.41 0.00	26.22 0.39 0.00	22.77 0.34 0.00	23.31 0.39 0.00	23.04 0.38 0.00	24.11 0.43 0.00	25.51 0.45 0.00	27.53 0.46 0.00	28.86 0.54 0.00	33.34 0.56 0.00	43.10 0.77 0.47	51.77 0.94 1.09	52.22 0.89 1.04	47.52 0.70 0.00	38.81 0.54 0.00	30.00 0.06 0.00	26.25 -0.29 0.00

ELM_ST_23_KV_LD_REV_LBMP_A 345012	18.84 -0.85 0.00	15.33 -0.88 0.00	14.95 -0.75 0.00	14.29 -0.74 0.00	15.13 -1.10 0.00	19.00 -1.50 0.00	23.61 -2.05 0.00	24.57 -2.64 0.00	24.20 -1.63 0.00	21.11 -1.32 0.00	21.57 -1.35 0.00	21.34 -1.31 0.00	22.35 -1.33 0.00	23.48 -1.58 0.00	25.63 -1.43 0.00	26.46 -1.87 0.00	30.62 -2.16 0.00	38.54 -2.65 1.61	45.43 -2.75 3.74	46.28 -2.51 3.58	44.42 -2.39 0.01	36.12 -2.14 0.01	28.65 -1.29 0.00	25.19 -1.35 0.00
EMPIRE_CC_1 323656	20.57 0.89 0.00	16.97 0.76 0.00	16.41 0.71 0.00	15.68 0.66 0.00	16.93 0.70 0.00	21.27 0.78 0.00	26.41 0.74 0.00	27.75 0.54 0.00	26.22 0.39 0.00	22.79 0.36 0.00	23.24 0.32 0.00	23.04 0.38 0.00	24.06 0.38 0.00	25.40 0.35 0.00	27.44 0.38 0.00	28.63 0.40 0.10	32.72 0.52 0.59	41.78 0.47 1.49	48.99 0.52 3.45	49.64 0.58 3.30	47.47 0.66 0.01	38.87 0.61 0.01	30.83 0.90 0.00	27.66 1.11 0.00
EMPIRE_CC_2 323658	20.57 0.89 0.00	16.97 0.76 0.00	16.41 0.71 0.00	15.68 0.66 0.00	16.93 0.70 0.00	21.27 0.78 0.00	26.41 0.74 0.00	27.75 0.54 0.00	26.22 0.39 0.00	22.79 0.36 0.00	23.24 0.32 0.00	23.04 0.38 0.00	24.06 0.38 0.00	25.40 0.35 0.00	27.44 0.38 0.00	28.63 0.40 0.10	32.72 0.52 0.59	41.78 0.47 1.49	48.99 0.52 3.45	49.64 0.58 3.30	47.47 0.66 0.01	38.87 0.61 0.01	30.83 0.90 0.00	27.66 1.11 0.00
ENORWICH_115KV_TB1 80156	20.77 1.08 0.00	17.13 0.92 0.00	16.56 0.85 0.00	15.88 0.86 0.00	17.18 0.94 0.00	21.70 1.21 0.00	26.87 1.21 0.00	28.37 1.17 0.00	26.30 0.46 0.00	22.70 0.27 0.00	23.03 0.11 0.00	22.74 0.09 0.00	23.75 0.07 0.00	25.20 0.15 0.00	27.63 0.57 0.00	29.04 0.71 0.00	33.90 1.11 0.00	43.36 2.01 1.46	52.03 3.48 3.37	53.07 3.93 3.23	50.04 3.23 0.01	40.91 2.64 0.01	31.88 1.95 0.00	28.05 1.51 0.00
ERIE_ST__34_KV_TB1-2 80199	19.00 -0.69 0.00	15.46 -0.75 0.00	15.08 -0.63 0.00	14.39 -0.63 0.00	15.26 -0.97 0.00	19.14 -1.35 0.00	23.87 -1.80 0.00	24.86 -2.34 0.00	24.51 -1.32 0.00	21.40 -1.03 0.00	21.86 -1.05 0.00	21.66 -1.00 0.00	22.68 -0.99 0.00	23.85 -1.20 0.00	26.09 -0.97 0.00	27.00 -1.33 0.00	31.25 -1.25 1.60	39.45 -1.75 3.72	46.49 -1.71 3.56	47.34 -1.47 3.35	45.26 -1.55 0.01	36.81 -1.45 0.01	29.07 -0.87 0.00	25.45 -1.09 0.00
ERIE_WT_PWR 323693	18.94 -0.75 0.00	15.45 -0.76 0.00	15.03 -0.67 0.00	14.36 -0.66 0.00	15.41 -0.83 0.00	19.12 -1.37 0.00	23.74 -1.93 0.00	24.70 -2.50 0.00	24.36 -1.47 0.00	21.22 -1.21 0.00	21.70 -1.22 0.00	21.47 -1.18 0.00	22.47 -1.21 0.00	23.63 -1.43 0.00	25.79 -1.27 0.00	26.97 -1.36 0.00	30.92 -1.87 0.00	39.06 -2.14 1.60	45.87 -1.94 3.72	46.87 -1.94 3.56	44.98 -1.83 0.01	36.73 -1.53 0.01	28.89 -1.05 0.00	25.51 -1.04 0.00
ESPRGFLD_115KV_TB1 80157	20.67 0.98 0.00	17.02 0.81 0.00	16.48 0.77 0.00	15.78 0.75 0.00	17.06 0.83 0.00	21.50 1.00 0.00	26.67 1.00 0.00	27.94 0.73 0.00	26.37 0.54 0.00	22.81 0.38 0.00	23.24 0.32 0.00	22.93 0.27 0.00	24.01 0.33 0.00	25.45 0.40 0.00	27.55 0.49 0.00	28.90 0.59 0.03	33.42 0.79 0.16	42.52 1.28 1.56	50.28 1.97 3.62	51.47 2.57 3.46	49.15 2.34 0.01	40.25 1.99 0.01	31.55 1.62 0.00	28.05 1.51 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	20.00 0.31 0.00	16.45 0.24 0.00	15.94 0.24 0.00	15.26 0.24 0.00	16.45 0.21 0.00	20.70 0.20 0.00	25.80 0.13 0.00	27.26 0.05 0.00	25.91 0.08 0.00	22.43 0.00 0.00	22.87 -0.05 0.00	22.56 -0.09 0.00	23.58 -0.09 0.00	24.95 -0.10 0.00	27.01 -0.05 0.00	28.24 -0.08 0.00	32.82 0.03 0.00	41.82 0.34 1.32	49.68 0.83 3.08	50.37 0.94 2.94	47.61 0.80 0.01	38.92 0.65 0.01	30.53 0.60 0.00	27.05 0.50 0.00
ETNA____115KV_TB2 80207	20.00 0.31 0.00	16.45 0.24 0.00	15.94 0.24 0.00	15.26 0.24 0.00	16.45 0.21 0.00	20.70 0.20 0.00	25.80 0.13 0.00	27.26 0.05 0.00	25.91 0.08 0.00	22.43 0.00 0.00	22.87 -0.05 0.00	22.56 -0.09 0.00	23.58 -0.09 0.00	24.95 -0.10 0.00	27.01 -0.05 0.00	28.24 -0.08 0.00	32.82 0.03 0.00	41.82 0.34 1.32	49.68 0.83 3.08	50.37 0.94 2.94	47.61 0.80 0.01	38.92 0.65 0.01	30.53 0.60 0.00	27.05 0.50 0.00
EUCLID____115KV_TB2 356179	19.55 -0.14 0.00	16.09 -0.11 0.00	15.60 -0.11 0.00	14.93 -0.09 0.00	16.07 -0.16 0.00	20.21 -0.29 0.00	25.20 -0.46 0.00	26.63 -0.57 0.00	25.37 -0.46 0.00	22.00 -0.43 0.00	22.46 -0.46 0.00	22.15 -0.50 0.00	23.16 -0.52 0.00	24.50 -0.55 0.00	26.47 -0.60 0.00	27.65 -0.68 0.00	32.03 -0.75 0.00	41.02 -0.86 0.93	48.94 -0.83 2.15	49.47 -0.84 2.06	46.06 -0.75 0.01	37.66 -0.61 0.01	29.64 -0.30 0.00	26.44 -0.11 0.00
E_CANADA_CAP_HY 24051	21.00 1.32 0.00	17.29 1.09 0.00	16.76 1.05 0.00	16.03 1.01 0.00	17.35 1.12 0.00	21.89 1.39 0.00	27.03 1.36 0.00	28.07 0.87 0.00	26.35 0.52 0.00	22.74 0.31 0.00	23.19 0.28 0.00	22.81 0.16 0.00	23.94 0.26 0.00	25.38 0.32 0.00	27.53 0.46 0.00	28.83 0.54 0.04	33.29 0.72 0.22	42.52 1.28 1.57	50.26 1.97 3.63	51.88 2.98 3.48	49.71 2.90 0.01	40.79 2.53 0.01	32.00 2.06 0.00	28.51 1.96 0.00
E_CANADA_MHWK_HY 24050	19.94 0.26 0.00	16.43 0.23 0.00	15.91 0.20 0.00	15.22 0.19 0.00	16.44 0.21 0.00	20.72 0.23 0.00	25.77 0.10 0.00	27.15 -0.05 0.00	25.75 -0.08 0.00	22.34 -0.09 0.00	22.78 -0.14 0.00	22.52 -0.14 0.00	23.54 -0.14 0.00	24.90 -0.15 0.00	26.90 -0.16 0.00	28.13 -0.20 0.00	32.62 -0.16 0.00	40.84 -0.13 1.83	47.62 -0.05 4.25	48.35 0.05 4.07	46.76 -0.05 0.01	38.26 0.00 0.01	30.09 0.15 0.00	26.86 0.32 0.00
E_FISHKILL___LBMP 23776	21.00 1.32 0.00	17.29 1.09 0.00	16.70 0.99 0.00	15.97 0.95 0.00	17.26 1.02 0.00	21.58 1.09 0.00	26.85 1.18 0.00	28.37 1.17 0.00	26.89 1.06 0.00	23.46 1.03 0.00	23.97 1.05 0.00	23.79 1.13 0.00	24.86 1.18 0.00	26.31 1.25 0.00	28.50 1.43 0.00	29.98 1.59 -0.07	35.08 1.87 -0.43	43.65 2.27 1.42	51.07 2.44 3.29	51.57 2.36 3.15	49.01 2.20 0.01	39.99 1.72 0.01	31.58 1.65 0.00	28.29 1.75 0.00
FALCON___SEABRD_CC1 323796	19.72 0.04 0.00	16.21 0.00 0.00	15.74 0.03 0.00	15.05 0.03 0.00	16.28 0.05 0.00	20.66 0.16 0.00	26.10 0.44 0.00	27.88 0.68 0.00	26.48 0.65 0.00	22.99 0.56 0.00	23.54 0.62 0.00	23.27 0.61 0.00	24.37 0.69 0.00	25.75 0.70 0.00	27.80 0.73 0.00	29.15 0.82 0.00	33.70 0.92 0.00	43.57 1.24 0.47	52.39 1.56 1.09	52.79 1.46 1.04	48.03 1.22 0.00	39.23 0.96 0.00	30.27 0.33 0.00	26.46 -0.08 0.00
FALCON___SEABRD_CC2 323797	19.72 0.04 0.00	16.21 0.00 0.00	15.74 0.03 0.00	15.05 0.03 0.00	16.28 0.05 0.00	20.66 0.16 0.00	26.10 0.44 0.00	27.88 0.68 0.00	26.48 0.65 0.00	22.99 0.56 0.00	23.54 0.62 0.00	23.27 0.61 0.00	24.37 0.69 0.00	25.75 0.70 0.00	27.80 0.73 0.00	29.15 0.82 0.00	33.70 0.92 0.00	43.57 1.24 0.47	52.39 1.56 1.09	52.79 1.46 1.04	48.03 1.22 0.00	39.23 0.96 0.00	30.27 0.33 0.00	26.46 -0.08 0.00

FAR ROCKAWAY___4 23548	21.83 2.13 -0.02	17.99 1.77 -0.02	17.28 1.57 0.00	16.50 1.47 0.00	17.92 1.69 0.00	22.32 1.82 0.00	27.89 2.21 -0.01	29.40 2.18 -0.02	27.85 2.01 0.00	24.44 2.00 -0.01	24.95 2.02 -0.01	24.75 2.08 -0.01	25.82 2.13 -0.01	27.32 2.25 -0.01	29.99 2.52 -0.41	74.87 2.95 -43.60	65.54 3.38 -29.37	63.01 4.19 -16.02	69.98 4.62 -13.44	66.16 4.56 -9.24	86.03 4.26 -34.95	59.92 3.37 -18.28	64.52 2.99 -31.59	42.35 2.79 -13.02
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	21.30 1.61 0.00	17.52 1.31 0.00	16.90 1.19 0.00	16.15 1.13 0.00	17.47 1.23 0.00	21.80 1.31 0.00	27.13 1.46 0.00	28.70 1.50 0.00	27.28 1.45 0.00	23.89 1.46 0.00	24.41 1.49 0.00	24.26 1.61 0.00	25.34 1.66 0.00	26.81 1.75 0.00	29.07 2.00 0.00	30.69 2.29 -0.07	35.89 2.69 -0.42	44.68 3.30 1.41	52.07 3.43 3.28	52.48 3.25 3.14	49.76 2.95 0.01	40.56 2.30 0.01	31.97 2.04 0.00	28.61 2.07 0.00
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	21.32 1.63 0.00	17.54 1.33 0.00	16.92 1.21 0.00	16.17 1.14 0.00	17.47 1.23 0.00	21.83 1.33 0.00	27.13 1.46 0.00	28.70 1.50 0.00	27.28 1.45 0.00	23.89 1.46 0.00	24.41 1.49 0.00	24.26 1.61 0.00	25.34 1.66 0.00	26.81 1.75 0.00	29.07 2.00 0.00	30.69 2.29 -0.07	35.93 2.72 -0.42	44.68 3.30 1.41	52.07 3.43 3.28	52.48 3.25 3.14	49.81 3.00 0.01	40.60 2.33 0.01	32.00 2.07 0.00	28.61 2.07 0.00
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	21.30 1.61 0.00	17.52 1.31 0.00	16.90 1.19 0.00	16.15 1.13 0.00	17.45 1.22 0.00	21.80 1.31 0.00	27.13 1.46 0.00	28.70 1.50 0.00	27.25 1.42 0.00	23.89 1.46 0.00	24.41 1.49 0.00	24.26 1.61 0.00	25.31 1.63 0.00	26.81 1.75 0.00	29.07 2.00 0.00	30.66 2.27 -0.07	35.89 2.69 -0.42	44.64 3.25 1.41	52.07 3.43 3.28	52.43 3.19 3.14	49.76 2.95 0.01	40.56 2.30 0.01	31.97 2.04 0.00	28.59 2.04 0.00
FARRAGUT___LBMP 323566	21.28 1.59 0.00	17.50 1.30 0.00	16.90 1.19 0.00	16.15 1.13 0.00	17.45 1.22 0.00	21.80 1.31 0.00	27.10 1.44 0.00	28.67 1.47 0.00	27.25 1.42 0.00	23.87 1.44 0.00	24.39 1.47 0.00	24.24 1.59 0.00	25.31 1.63 0.00	26.78 1.73 0.00	29.04 1.98 0.00	30.66 2.27 -0.07	35.86 2.66 -0.42	44.60 3.21 1.41	52.02 3.37 3.28	52.37 3.14 3.14	49.71 2.90 0.01	40.52 2.26 0.01	31.94 2.01 0.00	28.59 2.04 0.00
FENNER___WINDPWR 24204	20.23 0.55 0.00	16.69 0.49 0.00	16.15 0.44 0.00	15.46 0.44 0.00	16.74 0.50 0.00	21.09 0.59 0.00	26.21 0.54 0.00	27.69 0.49 0.00	26.27 0.44 0.00	22.72 0.29 0.00	23.08 0.16 0.00	22.81 0.16 0.00	23.85 0.17 0.00	25.28 0.22 0.00	27.28 0.22 0.00	28.61 0.28 0.00	33.21 0.43 0.00	42.19 0.77 1.39	50.16 1.45 3.21	50.97 1.68 3.08	48.12 1.31 0.01	39.38 1.11 0.01	30.83 0.90 0.00	27.44 0.90 0.00
FIBERTEK___ENERGY 23856	19.61 -0.08 0.00	16.14 -0.06 0.00	15.64 -0.06 0.00	14.98 -0.05 0.00	16.14 -0.10 0.00	20.31 -0.18 0.00	25.33 -0.33 0.00	26.80 -0.41 0.00	25.50 -0.34 0.00	22.12 -0.31 0.00	22.57 -0.34 0.00	22.27 -0.39 0.00	23.28 -0.40 0.00	24.63 -0.43 0.00	26.61 -0.46 0.00	27.82 -0.51 0.00	32.23 -0.56 0.00	41.93 -0.56 0.31	50.78 -0.42 0.73	51.25 -0.42 0.70	46.44 -0.37 0.00	37.97 -0.31 0.00	29.85 -0.09 0.00	26.54 0.00 0.00
FITZPATRICK___ 23598	19.21 -0.47 0.00	15.84 -0.37 0.00	15.35 -0.36 0.00	14.68 -0.34 0.00	15.84 -0.39 0.00	19.90 -0.59 0.00	24.82 -0.85 0.00	26.23 -0.98 0.00	24.98 -0.85 0.00	21.67 -0.76 0.00	22.14 -0.78 0.00	21.82 -0.84 0.00	22.80 -0.88 0.00	24.13 -0.93 0.00	26.04 -1.03 0.00	27.25 -1.08 0.00	31.51 -1.28 0.00	36.00 -1.58 5.22	38.00 -1.82 12.10	39.00 -1.78 11.59	45.19 -1.59 0.04	36.94 -1.30 0.04	29.07 -0.87 0.00	25.96 -0.58 0.00
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	21.14 1.46 0.00	17.42 1.22 0.00	16.82 1.12 0.00	16.08 1.05 0.00	17.37 1.14 0.00	21.74 1.25 0.00	27.08 1.41 0.00	28.62 1.41 0.00	27.10 1.27 0.00	23.57 1.14 0.00	24.06 1.15 0.00	23.88 1.22 0.00	24.96 1.28 0.00	26.46 1.40 0.00	28.72 1.65 0.00	30.21 1.81 -0.07	35.38 2.20 -0.40	44.26 2.87 1.41	51.82 3.17 3.27	52.32 3.09 3.13	49.71 2.90 0.01	40.60 2.33 0.01	31.97 2.04 0.00	28.59 2.04 0.00
FORT ORANGE___ 23900	20.53 0.85 0.00	16.94 0.73 0.00	16.40 0.69 0.00	15.67 0.65 0.00	16.90 0.67 0.00	21.23 0.74 0.00	26.31 0.64 0.00	27.67 0.46 0.00	26.14 0.31 0.00	22.65 0.22 0.00	23.10 0.18 0.00	22.88 0.23 0.00	23.92 0.24 0.00	25.30 0.25 0.00	27.39 0.33 0.00	28.62 0.34 0.05	32.98 0.49 0.30	41.76 0.47 1.52	48.98 0.57 3.51	49.68 0.68 3.36	47.51 0.70 0.01	38.84 0.57 0.01	30.77 0.84 0.00	27.55 1.01 0.00
FORT_DRUM_COGEN 23780	19.66 -0.02 0.00	16.24 0.03 0.00	15.71 0.00 0.00	15.08 0.06 0.00	16.38 0.15 0.00	20.74 0.25 0.00	25.67 0.00 0.00	27.20 0.00 0.00	25.75 -0.08 0.00	22.16 -0.27 0.00	22.39 -0.53 0.00	22.13 -0.52 0.00	23.11 -0.57 0.00	24.50 -0.55 0.00	26.39 -0.68 0.00	27.73 -0.59 0.00	32.26 -0.52 0.00	41.78 -0.30 0.72	50.88 0.62 1.67	51.98 1.20 1.60	47.61 0.80 0.00	38.96 0.69 0.00	30.30 0.36 0.00	26.75 0.21 0.00
FOX_HILLS___ESR 323835	21.39 1.69 -0.01	17.61 1.39 -0.01	16.99 1.27 -0.01	16.23 1.20 -0.01	17.54 1.30 -0.01	21.89 1.39 -0.01	27.11 1.44 -0.01	28.65 1.44 0.00	27.18 1.34 0.00	23.87 1.44 0.00	24.39 1.47 0.00	24.28 1.63 0.00	25.36 1.68 0.00	26.87 1.80 -0.01	29.11 2.03 -0.01	30.70 2.29 -0.08	35.90 2.69 -0.43	44.65 3.25 1.40	52.13 3.48 3.27	52.43 3.19 3.14	49.67 2.86 0.01	40.53 2.26 0.00	32.22 2.28 -0.01	28.81 2.26 -0.01
FPL_FAR_ROCK_GT1 24212	21.83 2.13 -0.02	17.98 1.75 -0.02	17.28 1.57 0.00	16.50 1.47 0.00	17.87 1.64 0.00	22.30 1.80 0.00	27.89 2.21 -0.01	29.40 2.18 -0.02	27.82 1.99 0.00	24.44 2.00 -0.01	24.95 2.02 -0.01	24.75 2.08 -0.01	25.82 2.13 -0.01	27.32 2.26 -0.01	30.02 2.54 -0.41	74.76 2.83 -43.60	65.54 3.38 -29.37	62.97 4.15 -16.02	69.98 4.62 -13.44	66.22 4.61 -9.24	85.93 4.17 -34.95	59.88 3.33 -18.28	64.40 2.87 -31.59	42.30 2.73 -13.02
FPL_FAR_ROCK_GT2 23815	21.83 2.13 -0.02	17.98 1.75 -0.02	17.28 1.57 0.00	16.50 1.47 0.00	17.87 1.64 0.00	22.30 1.80 0.00	27.89 2.21 -0.01	29.40 2.18 -0.02	27.82 1.99 0.00	24.44 2.00 -0.01	24.95 2.02 -0.01	24.75 2.08 -0.01	25.82 2.13 -0.01	27.32 2.26 -0.01	30.02 2.54 -0.41	74.76 2.83 -43.60	65.54 3.38 -29.37	62.97 4.15 -16.02	69.98 4.62 -13.44	66.22 4.61 -9.24	85.93 4.17 -34.95	59.88 3.33 -18.28	64.40 2.87 -31.59	42.30 2.73 -13.02
FRANKLIN_FALL_HYD 24054	19.76 0.08 0.00	16.22 0.02 0.00	15.75 0.05 0.00	15.07 0.05 0.00	16.28 0.05 0.00	20.66 0.16 0.00	26.18 0.51 0.00	27.97 0.76 0.00	26.56 0.72 0.00	23.06 0.63 0.00	23.63 0.71 0.00	23.36 0.70 0.00	24.46 0.78 0.00	25.86 0.80 0.00	27.91 0.84 0.00	29.29 0.96 0.00	33.84 1.05 0.00	43.83 1.50 0.47	52.76 1.92 1.09	53.16 1.83 1.04	48.27 1.45 0.00	39.42 1.15 0.00	30.35 0.42 0.00	26.49 -0.05 0.00



FREEPORT_EQUS_GT1 23764	21.57 1.87 -0.01	17.78 1.56 -0.01	17.09 1.38 0.00	16.32 1.29 0.00	17.68 1.44 0.00	22.07 1.58 0.00	27.58 1.90 -0.01	29.12 1.90 -0.01	27.51 1.68 0.00	24.17 1.73 -0.01	24.70 1.76 -0.01	24.45 1.79 -0.01	25.54 1.85 -0.01	27.02 1.96 -0.01	29.43 2.19 -0.18	49.00 2.44 -18.24	49.82 2.89 -14.14	52.09 3.43 -5.87	62.34 3.79 -6.63	58.98 3.72 -2.90	64.77 3.37 -14.58	48.54 2.64 -7.63	47.13 2.42 -14.77	34.40 2.41 -5.44
FREEPORT___CT2 23818	21.57 1.87 -0.01	17.78 1.56 -0.01	17.09 1.38 0.00	16.32 1.29 0.00	17.68 1.44 0.00	22.07 1.58 0.00	27.58 1.90 -0.01	29.12 1.90 -0.01	27.51 1.68 0.00	24.17 1.73 -0.01	24.70 1.76 -0.01	24.45 1.79 -0.01	25.54 1.85 -0.01	27.02 1.96 -0.01	29.43 2.19 -0.18	49.00 2.44 -18.24	49.82 2.89 -14.14	52.09 3.43 -5.87	62.34 3.79 -6.63	58.98 3.72 -2.90	64.77 3.37 -14.58	48.54 2.64 -7.63	47.13 2.42 -14.77	34.40 2.41 -5.44
FRESHKLS_33_KV_LOAD 356253	21.37 1.67 -0.01	17.58 1.36 -0.01	16.96 1.24 -0.01	16.20 1.17 -0.01	17.51 1.27 -0.01	21.85 1.35 -0.01	27.06 1.39 -0.01	28.59 1.39 0.00	27.12 1.29 0.00	23.82 1.39 0.00	24.34 1.42 0.00	24.26 1.61 0.00	25.34 1.66 0.00	26.84 1.78 -0.01	29.08 2.00 -0.01	30.70 2.29 -0.08	35.90 2.69 -0.43	40.24 3.21 5.78	40.23 3.37 15.07	40.23 3.14 15.28	40.30 2.81 9.33	39.58 2.18 0.88	32.19 2.25 -0.01	28.81 2.26 -0.01
FULTON COGEN____ 23766	19.33 -0.35 0.00	15.92 -0.29 0.00	15.42 -0.28 0.00	14.77 -0.26 0.00	15.91 -0.32 0.00	20.02 -0.47 0.00	24.97 -0.69 0.00	26.39 -0.82 0.00	25.11 -0.72 0.00	21.78 -0.65 0.00	22.23 -0.69 0.00	21.93 -0.72 0.00	22.92 -0.76 0.00	24.25 -0.80 0.00	26.17 -0.89 0.00	27.36 -0.96 0.00	31.71 -1.08 0.00	41.66 -1.28 -0.14	50.89 -1.35 -0.32	51.36 -1.31 -0.31	45.65 -1.17 0.00	37.32 -0.96 0.00	29.34 -0.60 0.00	26.14 -0.40 0.00
FULTON___LFGE 323630	21.02 1.34 0.00	17.33 1.12 0.00	16.79 1.08 0.00	16.06 1.04 0.00	17.39 1.15 0.00	21.93 1.43 0.00	27.13 1.46 0.00	28.26 1.06 0.00	26.55 0.72 0.00	22.90 0.47 0.00	23.35 0.43 0.00	22.99 0.34 0.00	24.08 0.40 0.00	25.51 0.45 0.00	27.66 0.59 0.00	28.97 0.68 0.04	33.49 0.95 0.25	42.77 1.54 1.57	50.52 2.23 3.64	51.98 3.09 3.48	49.76 2.95 0.01	40.79 2.53 0.01	32.03 2.09 0.00	28.53 1.99 0.00
G.F.CEMENT___DRP 24184	20.92 1.24 0.00	17.24 1.04 0.00	16.70 0.99 0.00	15.97 0.95 0.00	17.29 1.06 0.00	21.93 1.43 0.00	27.26 1.59 0.00	28.67 1.47 0.00	27.05 1.21 0.00	23.35 0.92 0.00	23.81 0.89 0.00	23.51 0.86 0.00	24.55 0.88 0.00	26.06 1.00 0.00	28.26 1.19 0.00	29.09 0.82 0.06	33.57 1.15 0.36	42.74 1.50 1.56	50.17 1.87 3.62	50.74 1.83 3.46	48.64 1.83 0.01	39.60 1.34 0.01	31.22 1.29 0.00	28.43 1.88 0.00
GARDENVILLE___LBMP 24039	18.92 -0.77 0.00	15.40 -0.81 0.00	15.03 -0.68 0.00	14.35 -0.68 0.00	15.21 -1.02 0.00	19.08 -1.41 0.00	23.72 -1.95 0.00	24.70 -2.50 0.00	24.28 -1.55 0.00	21.15 -1.28 0.00	21.61 -1.31 0.00	21.41 -1.25 0.00	22.40 -1.28 0.00	23.55 -1.50 0.00	25.71 -1.35 0.00	26.57 -1.76 0.00	30.75 -2.03 0.00	38.78 -2.44 1.58	45.75 -2.49 3.67	46.65 -2.20 3.52	44.70 -2.11 0.01	36.35 -1.91 0.01	28.80 -1.14 0.00	25.24 -1.30 0.00
GARDNVLA_35_KV_LD 355827	18.96 -0.73 0.00	15.43 -0.78 0.00	15.05 -0.66 0.00	14.38 -0.65 0.00	15.23 -1.01 0.00	19.12 -1.37 0.00	23.77 -1.90 0.00	24.76 -2.45 0.00	24.39 -1.45 0.00	21.26 -1.17 0.00	21.70 -1.21 0.00	21.52 -1.13 0.00	22.52 -1.16 0.00	23.68 -1.38 0.00	25.88 -1.19 0.00	26.74 -1.59 0.00	30.95 -1.84 0.00	39.02 -2.18 1.60	45.97 -2.23 3.71	46.87 -1.94 3.56	44.89 -1.92 0.01	36.50 -1.76 0.01	28.92 -1.02 0.00	25.37 -1.17 0.00
GELCKHM___115KV_LOAD 80723	19.57 -0.12 0.00	16.11 -0.10 0.00	15.61 -0.09 0.00	14.95 -0.08 0.00	16.09 -0.15 0.00	20.25 -0.25 0.00	25.23 -0.44 0.00	26.69 -0.52 0.00	25.42 -0.41 0.00	22.05 -0.38 0.00	22.51 -0.41 0.00	22.20 -0.45 0.00	23.21 -0.47 0.00	24.55 -0.50 0.00	26.52 -0.54 0.00	27.70 -0.62 0.00	32.13 -0.66 0.00	41.39 -0.73 0.68	49.67 -0.67 1.58	50.18 -0.68 1.51	46.21 -0.61 0.00	37.77 -0.50 0.00	29.70 -0.24 0.00	26.46 -0.08 0.00
GENERAL___MILLS 23808	18.92 -0.77 0.00	15.41 -0.79 0.00	15.03 -0.68 0.00	14.35 -0.68 0.00	15.20 -1.04 0.00	19.08 -1.41 0.00	23.74 -1.93 0.00	24.70 -2.50 0.00	24.33 -1.50 0.00	21.22 -1.21 0.00	21.68 -1.24 0.00	21.48 -1.18 0.00	22.47 -1.21 0.00	23.63 -1.43 0.00	25.79 -1.27 0.00	26.66 -1.67 0.00	30.85 -1.93 0.00	38.89 -2.31 1.60	45.87 -2.34 3.72	46.72 -2.09 3.56	44.80 -2.01 0.01	36.43 -1.84 0.01	28.86 -1.08 0.00	25.32 -1.22 0.00
GE_PLASTICS___DRP 24183	20.43 0.75 0.00	16.84 0.63 0.00	16.30 0.60 0.00	15.58 0.56 0.00	16.83 0.60 0.00	21.13 0.64 0.00	26.21 0.54 0.00	27.61 0.41 0.00	26.17 0.34 0.00	22.72 0.29 0.00	23.19 0.28 0.00	22.95 0.29 0.00	23.94 0.26 0.00	25.33 0.28 0.00	27.42 0.35 0.00	28.66 0.37 0.04	33.01 0.46 0.24	41.72 0.43 1.51	48.89 0.47 3.50	49.54 0.52 3.35	47.37 0.56 0.01	38.72 0.46 0.01	30.62 0.69 0.00	27.44 0.90 0.00
GILBOA___1 23756	20.39 0.71 0.00	16.79 0.58 0.00	16.26 0.55 0.00	15.54 0.51 0.00	16.75 0.52 0.00	21.05 0.55 0.00	26.21 0.54 0.00	27.64 0.43 0.00	26.22 0.39 0.00	22.79 0.36 0.00	23.26 0.34 0.00	23.04 0.38 0.00	24.06 0.38 0.00	25.48 0.43 0.00	27.55 0.49 0.00	28.78 0.45 0.00	33.34 0.56 0.00	41.94 0.64 1.50	49.06 0.63 3.48	49.66 0.63 3.33	47.37 0.56 0.01	38.80 0.54 0.01	30.65 0.72 0.00	27.47 0.93 0.00
GILBOA___2 23757	20.39 0.71 0.00	16.79 0.58 0.00	16.26 0.55 0.00	15.54 0.51 0.00	16.75 0.52 0.00	21.05 0.55 0.00	26.21 0.54 0.00	27.64 0.43 0.00	26.22 0.39 0.00	22.79 0.36 0.00	23.26 0.34 0.00	23.04 0.38 0.00	24.06 0.38 0.00	25.48 0.43 0.00	27.55 0.49 0.00	28.78 0.45 0.00	33.34 0.56 0.00	41.94 0.64 1.50	49.06 0.63 3.48	49.66 0.63 3.33	47.37 0.56 0.01	38.80 0.54 0.01	30.65 0.72 0.00	27.47 0.93 0.00
GILBOA___3 23758	20.39 0.71 0.00	16.79 0.58 0.00	16.26 0.55 0.00	15.54 0.51 0.00	16.75 0.52 0.00	21.05 0.55 0.00	26.21 0.54 0.00	27.64 0.43 0.00	26.22 0.39 0.00	22.79 0.36 0.00	23.26 0.34 0.00	23.04 0.38 0.00	24.06 0.38 0.00	25.48 0.43 0.00	27.55 0.49 0.00	28.78 0.45 0.00	33.34 0.56 0.00	41.94 0.64 1.50	49.06 0.63 3.48	49.66 0.63 3.33	47.37 0.56 0.01	38.80 0.54 0.01	30.65 0.72 0.00	27.47 0.93 0.00
GILBOA___4 23759	20.39 0.71 0.00	16.79 0.58 0.00	16.26 0.55 0.00	15.54 0.51 0.00	16.75 0.52 0.00	21.05 0.55 0.00	26.21 0.54 0.00	27.64 0.43 0.00	26.22 0.39 0.00	22.79 0.36 0.00	23.26 0.34 0.00	23.04 0.38 0.00	24.06 0.38 0.00	25.48 0.43 0.00	27.55 0.49 0.00	28.78 0.45 0.00	33.34 0.56 0.00	41.94 0.64 1.50	49.06 0.63 3.48	49.66 0.63 3.33	47.37 0.56 0.01	38.80 0.54 0.01	30.65 0.72 0.00	27.47 0.93 0.00

GILBOA____ 23599	20.39 0.71 0.00	16.79 0.58 0.00	16.26 0.55 0.00	15.53 0.51 0.00	16.77 0.54 0.00	21.05 0.55 0.00	26.21 0.54 0.00	27.64 0.44 0.00	26.22 0.39 0.00	22.79 0.36 0.00	23.26 0.34 0.00	23.04 0.39 0.00	24.06 0.38 0.00	25.48 0.43 0.00	27.55 0.49 0.00	28.81 0.48 0.00	33.34 0.56 0.00	41.98 0.68 1.50	49.06 0.62 3.48	49.66 0.63 3.33	47.42 0.61 0.01	38.84 0.57 0.01	30.65 0.72 0.00	27.47 0.93 0.00
GINNA____ 23603	18.37 -1.32 0.00	15.04 -1.17 0.00	14.61 -1.10 0.00	13.99 -1.04 0.00	15.08 -1.15 0.00	18.85 -1.64 0.00	23.56 -2.10 0.00	24.81 -2.39 0.00	23.89 -1.94 0.00	20.61 -1.82 0.00	21.11 -1.81 0.00	20.91 -1.74 0.00	21.90 -1.78 0.00	23.10 -1.95 0.00	25.06 -2.00 0.00	26.26 -2.07 0.00	30.26 -2.52 0.00	38.22 -3.00 1.59	44.86 -3.37 3.68	45.70 -3.14 3.53	44.00 -2.81 0.01	36.01 -2.26 0.01	28.20 -1.74 0.00	25.03 -1.51 0.00
GLEN PARK____ 23778	19.74 0.06 0.00	16.31 0.10 0.00	15.77 0.06 0.00	15.14 0.12 0.00	16.46 0.23 0.00	20.82 0.33 0.00	25.74 0.08 0.00	27.26 0.05 0.00	25.78 -0.05 0.00	22.18 -0.25 0.00	22.41 -0.50 0.00	22.15 -0.50 0.00	23.14 -0.54 0.00	24.55 -0.50 0.00	26.42 -0.65 0.00	27.76 -0.57 0.00	32.30 -0.49 0.00	41.94 -0.17 0.69	51.21 0.88 1.59	52.36 1.52 1.53	47.94 1.12 0.00	39.23 0.96 0.00	30.44 0.51 0.00	26.91 0.37 0.00
GLENDALE_27_KV_LOAD 356172	21.44 1.75 -0.01	17.64 1.43 -0.01	17.02 1.30 -0.01	16.26 1.23 -0.01	17.57 1.33 -0.01	21.96 1.46 -0.01	27.21 1.54 0.00	28.81 1.61 0.00	27.38 1.55 0.00	24.02 1.59 0.00	24.52 1.60 0.00	24.40 1.74 0.00	25.48 1.80 0.00	26.96 1.90 0.00	29.20 2.14 0.00	30.80 2.41 -0.07	36.02 2.82 -0.42	44.90 3.51 1.41	52.38 3.74 3.28	52.74 3.51 3.14	49.95 3.14 0.01	40.71 2.45 0.01	32.18 2.25 0.00	28.80 2.26 0.00
GLENWOOD_IC_1_G5 23712	21.43 1.73 -0.02	17.67 1.44 -0.02	16.99 1.29 0.00	16.24 1.22 0.00	17.60 1.36 0.00	21.95 1.46 0.00	27.38 1.69 -0.02	28.94 1.71 -0.02	27.41 1.58 0.00	24.04 1.59 -0.02	24.54 1.60 -0.02	24.34 1.68 -0.02	25.42 1.73 -0.02	26.92 1.85 -0.02	29.30 2.08 -0.15	45.87 2.21 -15.33	48.74 2.52 -13.43	50.54 3.04 -4.70	62.87 3.27 -7.68	58.22 3.14 -2.71	61.97 2.90 -12.25	46.98 2.30 -6.41	45.87 2.10 -13.84	33.40 2.28 -4.57
GLENWOOD_IC_2_G1 23688	21.30 1.61 0.00	17.54 1.33 0.00	16.92 1.21 0.00	16.17 1.14 0.00	17.45 1.22 0.00	21.82 1.33 0.00	27.21 1.54 0.00	28.76 1.55 0.00	27.25 1.42 0.00	23.89 1.46 0.00	24.39 1.47 0.00	24.20 1.54 0.00	25.27 1.59 0.00	26.73 1.68 0.00	28.99 1.92 0.00	30.90 2.10 -0.48	36.11 2.49 -0.84	44.55 3.00 1.25	52.28 3.22 2.86	52.57 3.14 2.94	49.95 2.81 -0.32	40.58 2.14 -0.16	32.44 2.06 -0.44	28.74 2.07 -0.12
GLENWOOD_IC_3_G1 23689	21.30 1.61 0.00	17.54 1.33 0.00	16.92 1.21 0.00	16.17 1.14 0.00	17.45 1.22 0.00	21.82 1.33 0.00	27.21 1.54 0.00	28.76 1.55 0.00	27.25 1.42 0.00	23.89 1.46 0.00	24.39 1.47 0.00	24.20 1.54 0.00	25.27 1.59 0.00	26.73 1.68 0.00	28.99 1.92 0.00	30.90 2.10 -0.48	36.11 2.49 -0.84	44.55 3.00 1.25	52.28 3.22 2.86	52.57 3.14 2.94	49.95 2.81 -0.32	40.58 2.14 -0.16	32.44 2.06 -0.44	28.74 2.07 -0.12
GLENWOOD____4 23550	21.43 1.73 -0.02	17.67 1.44 -0.02	16.99 1.29 0.00	16.24 1.22 0.00	17.60 1.36 0.00	21.95 1.46 0.00	27.38 1.69 -0.02	28.94 1.71 -0.02	27.41 1.58 0.00	24.04 1.59 -0.02	24.54 1.60 -0.02	24.34 1.68 -0.02	25.42 1.73 -0.02	26.92 1.85 -0.02	29.30 2.08 -0.15	45.93 2.27 -15.33	48.84 2.62 -13.43	50.67 3.17 -4.70	62.97 3.37 -7.68	58.33 3.25 -2.71	62.11 3.04 -12.25	47.06 2.37 -6.41	45.96 2.19 -13.84	33.40 2.28 -4.57
GLENWOOD____5 23614	21.43 1.73 -0.02	17.67 1.44 -0.02	16.99 1.29 0.00	16.24 1.22 0.00	17.60 1.36 0.00	21.95 1.46 0.00	27.38 1.69 -0.02	28.94 1.71 -0.02	27.41 1.58 0.00	24.04 1.59 -0.02	24.54 1.60 -0.02	24.34 1.68 -0.02	25.42 1.73 -0.02	26.92 1.85 -0.02	29.30 2.08 -0.15	45.93 2.27 -15.33	48.84 2.62 -13.43	50.67 3.17 -4.70	62.97 3.37 -7.68	58.33 3.25 -2.71	62.11 3.04 -12.25	47.06 2.37 -6.41	45.96 2.19 -13.84	33.40 2.28 -4.57
GLOBAL GREEN_PORT_GT1 23814	21.74 2.05 -0.01	17.92 1.70 -0.01	17.18 1.48 0.00	16.45 1.43 0.00	17.92 1.69 0.00	22.32 1.82 0.00	28.29 2.62 -0.01	30.04 2.83 -0.01	27.92 2.09 0.00	24.79 2.35 -0.01	25.29 2.36 -0.01	24.97 2.31 -0.01	26.10 2.42 -0.01	27.57 2.51 -0.01	29.89 2.79 -0.04	34.58 2.89 -3.37	41.14 3.57 -4.78	46.98 4.20 0.02	58.79 4.98 -1.89	56.01 4.66 1.02	53.62 4.03 -2.77	42.60 2.95 -1.38	37.39 2.96 -4.49	30.35 2.81 -0.99
GLOBE____DSASP 323697	18.27 -1.42 0.00	14.86 -1.35 0.00	14.50 -1.21 0.00	13.85 -1.17 0.00	14.66 -1.57 0.00	18.61 -1.89 0.00	22.87 -2.80 0.00	23.75 -3.45 0.00	23.40 -2.43 0.00	20.39 -2.04 0.00	20.81 -2.11 0.00	20.61 -2.04 0.00	21.55 -2.13 0.00	22.60 -2.46 0.00	24.68 -2.38 0.00	25.41 -2.92 0.00	29.41 -3.38 0.00	36.90 -4.28 1.62	43.39 -4.78 3.76	44.27 -4.50 3.60	42.69 -4.12 0.01	34.78 -3.48 0.01	27.72 -2.22 0.00	24.44 -2.10 0.00
GOETHSLN____LBMP 323567	21.18 1.50 0.00	17.42 1.22 0.00	16.81 1.10 0.00	16.06 1.04 0.00	17.35 1.12 0.00	21.68 1.19 0.00	26.95 1.28 0.00	28.54 1.33 0.00	27.12 1.29 0.00	23.75 1.32 0.00	24.27 1.35 0.00	24.13 1.47 0.00	25.19 1.52 0.00	26.66 1.60 0.00	28.91 1.84 0.00	30.52 2.12 -0.07	35.73 2.52 -0.42	40.03 3.00 5.77	39.92 3.06 15.06	39.98 2.88 15.27	40.12 2.62 9.32	39.45 2.07 0.89	31.82 1.89 0.00	28.45 1.91 0.00
GOLAH____69_KV_TB 1_2 80279	19.21 -0.47 0.00	15.69 -0.52 0.00	15.25 -0.46 0.00	14.59 -0.44 0.00	15.55 -0.68 0.00	19.59 -0.90 0.00	24.49 -1.18 0.00	25.68 -1.52 0.00	24.88 -0.96 0.00	21.51 -0.92 0.00	21.98 -0.94 0.00	21.79 -0.86 0.00	22.80 -0.88 0.00	24.05 -1.00 0.00	26.17 -0.89 0.00	27.19 -1.13 0.00	31.41 -1.38 0.00	39.69 -1.54 1.57	46.93 -1.35 3.64	47.83 -1.05 3.49	45.87 -0.94 0.01	37.46 -0.80 0.01	29.52 -0.42 0.00	26.12 -0.42 0.00
GOODYEAR_LAKE_HYD 323669	20.43 0.75 0.00	16.82 0.62 0.00	16.29 0.58 0.00	15.59 0.57 0.00	16.85 0.62 0.00	21.19 0.70 0.00	26.33 0.67 0.00	27.78 0.57 0.00	26.30 0.46 0.00	22.81 0.38 0.00	23.26 0.34 0.00	22.99 0.34 0.00	24.03 0.36 0.00	25.48 0.43 0.00	27.55 0.49 0.00	28.89 0.57 0.00	33.51 0.72 0.00	42.32 1.07 1.55	49.88 1.56 3.59	50.71 1.78 3.44	48.40 1.59 0.01	39.60 1.34 0.01	31.07 1.14 0.00	27.66 1.11 0.00
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	19.82 0.14 0.00	16.30 0.10 0.00	15.80 0.09 0.00	15.11 0.09 0.00	16.27 0.03 0.00	20.43 -0.06 0.00	25.44 -0.23 0.00	26.85 -0.35 0.00	25.60 -0.23 0.00	22.23 -0.20 0.00	22.69 -0.23 0.00	22.43 -0.23 0.00	23.42 -0.26 0.00	24.78 -0.28 0.00	26.85 -0.22 0.00	28.07 -0.25 0.00	32.56 -0.23 0.00	41.06 -0.17 1.57	48.36 0.05 3.62	49.01 0.10 3.46	46.90 0.09 0.01	38.30 0.04 0.01	30.15 0.21 0.00	26.73 0.19 0.00

GOUDEY___7 23579	19.82 0.14 0.00	16.30 0.10 0.00	15.80 0.09 0.00	15.11 0.09 0.00	16.27 0.03 0.00	20.43 -0.06 0.00	25.44 -0.23 0.00	26.85 -0.35 0.00	25.60 -0.23 0.00	22.23 -0.20 0.00	22.69 -0.23 0.00	22.43 -0.23 0.00	23.42 -0.26 0.00	24.78 -0.28 0.00	26.85 -0.22 0.00	28.07 -0.25 0.00	32.56 -0.23 0.00	41.06 -0.17 1.57	48.36 0.05 3.62	49.01 0.10 3.46	46.90 0.09 0.01	38.30 0.04 0.01	30.15 0.21 0.00	26.73 0.19 0.00
GOUDEY___8 23580	19.82 0.14 0.00	16.30 0.10 0.00	15.80 0.09 0.00	15.11 0.09 0.00	16.27 0.03 0.00	20.43 -0.06 0.00	25.44 -0.23 0.00	26.85 -0.35 0.00	25.60 -0.23 0.00	22.23 -0.20 0.00	22.69 -0.23 0.00	22.43 -0.23 0.00	23.42 -0.26 0.00	24.78 -0.28 0.00	26.85 -0.22 0.00	28.07 -0.25 0.00	32.56 -0.23 0.00	41.06 -0.17 1.57	48.36 0.05 3.62	49.01 0.10 3.46	46.90 0.09 0.01	38.30 0.04 0.01	30.15 0.21 0.00	26.73 0.19 0.00
GOWANUS_GT1_1 24077	21.44 1.75 -0.01	17.64 1.43 -0.01	17.03 1.32 -0.01	16.28 1.25 -0.01	17.59 1.35 -0.01	21.96 1.46 -0.01	27.19 1.51 -0.01	28.73 1.52 0.00	27.25 1.42 0.00	23.93 1.50 0.00	24.45 1.54 0.00	24.33 1.68 0.00	25.41 1.73 0.00	26.92 1.85 -0.01	29.13 2.06 -0.01	30.73 2.32 -0.08	35.94 2.72 -0.43	44.78 3.38 1.40	52.29 3.63 3.27	52.58 3.35 3.14	49.81 3.00 0.01	40.69 2.41 0.00	32.25 2.31 -0.01	28.86 2.31 -0.01
GOWANUS_GT1_2 24078	21.44 1.75 -0.01	17.64 1.43 -0.01	17.03 1.32 -0.01	16.28 1.25 -0.01	17.59 1.35 -0.01	21.96 1.46 -0.01	27.19 1.51 -0.01	28.73 1.52 0.00	27.25 1.42 0.00	23.93 1.50 0.00	24.45 1.54 0.00	24.33 1.68 0.00	25.41 1.73 0.00	26.92 1.85 -0.01	29.13 2.06 -0.01	30.73 2.32 -0.08	35.94 2.72 -0.43	44.78 3.38 1.40	52.29 3.63 3.27	52.58 3.35 3.14	49.81 3.00 0.01	40.69 2.41 0.00	32.25 2.31 -0.01	28.86 2.31 -0.01
GOWANUS_GT1_3 24079	21.44 1.75 -0.01	17.64 1.43 -0.01	17.03 1.32 -0.01	16.28 1.25 -0.01	17.59 1.35 -0.01	21.96 1.46 -0.01	27.19 1.51 -0.01	28.73 1.52 0.00	27.25 1.42 0.00	23.93 1.50 0.00	24.45 1.54 0.00	24.33 1.68 0.00	25.41 1.73 0.00	26.92 1.85 -0.01	29.13 2.06 -0.01	30.73 2.32 -0.08	35.94 2.72 -0.43	44.78 3.38 1.40	52.29 3.63 3.27	52.58 3.35 3.14	49.81 3.00 0.01	40.69 2.41 0.00	32.25 2.31 -0.01	28.86 2.31 -0.01
GOWANUS_GT1_4 24080	21.44 1.75 -0.01	17.64 1.43 -0.01	17.03 1.32 -0.01	16.28 1.25 -0.01	17.59 1.35 -0.01	21.96 1.46 -0.01	27.19 1.51 -0.01	28.73 1.52 0.00	27.25 1.42 0.00	23.93 1.50 0.00	24.45 1.54 0.00	24.33 1.68 0.00	25.41 1.73 0.00	26.92 1.85 -0.01	29.13 2.06 -0.01	30.73 2.32 -0.08	35.94 2.72 -0.43	44.78 3.38 1.40	52.29 3.63 3.27	52.58 3.35 3.14	49.81 3.00 0.01	40.69 2.41 0.00	32.25 2.31 -0.01	28.86 2.31 -0.01
GOWANUS_GT1_5 24084	21.44 1.75 -0.01	17.64 1.43 -0.01	17.03 1.32 -0.01	16.28 1.25 -0.01	17.59 1.35 -0.01	21.96 1.46 -0.01	27.19 1.51 -0.01	28.73 1.52 0.00	27.25 1.42 0.00	23.93 1.50 0.00	24.45 1.54 0.00	24.33 1.68 0.00	25.41 1.73 0.00	26.92 1.85 -0.01	29.13 2.06 -0.01	30.73 2.32 -0.08	35.94 2.72 -0.43	44.78 3.38 1.40	52.29 3.63 3.27	52.58 3.35 3.14	49.81 3.00 0.01	40.69 2.41 0.00	32.25 2.31 -0.01	28.86 2.31 -0.01
GOWANUS_GT1_6 24111	21.44 1.75 -0.01	17.64 1.43 -0.01	17.03 1.32 -0.01	16.28 1.25 -0.01	17.59 1.35 -0.01	21.96 1.46 -0.01	27.19 1.51 -0.01	28.73 1.52 0.00	27.25 1.42 0.00	23.93 1.50 0.00	24.45 1.54 0.00	24.33 1.68 0.00	25.41 1.73 0.00	26.92 1.85 -0.01	29.13 2.06 -0.01	30.73 2.32 -0.08	35.94 2.72 -0.43	44.78 3.38 1.40	52.29 3.63 3.27	52.58 3.35 3.14	49.81 3.00 0.01	40.69 2.41 0.00	32.25 2.31 -0.01	28.86 2.31 -0.01
GOWANUS_GT1_7 24112	21.44 1.75 -0.01	17.64 1.43 -0.01	17.03 1.32 -0.01	16.28 1.25 -0.01	17.59 1.35 -0.01	21.96 1.46 -0.01	27.19 1.51 -0.01	28.73 1.52 0.00	27.25 1.42 0.00	23.93 1.50 0.00	24.45 1.54 0.00	24.33 1.68 0.00	25.41 1.73 0.00	26.92 1.85 -0.01	29.13 2.06 -0.01	30.73 2.32 -0.08	35.94 2.72 -0.43	44.78 3.38 1.40	52.29 3.63 3.27	52.58 3.35 3.14	49.81 3.00 0.01	40.69 2.41 0.00	32.25 2.31 -0.01	28.86 2.31 -0.01
GOWANUS_GT1_8 24113	21.44 1.75 -0.01	17.64 1.43 -0.01	17.03 1.32 -0.01	16.28 1.25 -0.01	17.59 1.35 -0.01	21.96 1.46 -0.01	27.19 1.51 -0.01	28.73 1.52 0.00	27.25 1.42 0.00	23.93 1.50 0.00	24.45 1.54 0.00	24.33 1.68 0.00	25.41 1.73 0.00	26.92 1.85 -0.01	29.13 2.06 -0.01	30.73 2.32 -0.08	35.94 2.72 -0.43	44.78 3.38 1.40	52.29 3.63 3.27	52.58 3.35 3.14	49.81 3.00 0.01	40.69 2.41 0.00	32.25 2.31 -0.01	28.86 2.31 -0.01
GOWANUS_GT2_1 24114	21.44 1.75 -0.01	17.64 1.43 -0.01	17.03 1.32 -0.01	16.28 1.25 -0.01	17.54 1.30 -0.01	21.96 1.46 -0.01	27.19 1.51 -0.01	28.73 1.52 0.00	27.25 1.42 0.00	23.93 1.50 0.00	24.45 1.54 0.00	24.33 1.68 0.00	25.41 1.73 0.00	26.89 1.83 -0.01	29.13 2.06 -0.01	30.67 2.27 -0.08	35.90 2.69 -0.43	44.74 3.34 1.40	52.29 3.63 3.27	52.59 3.35 3.14	49.71 2.90 0.01	40.49 2.22 0.00	32.22 2.27 -0.01	28.78 2.23 -0.01
GOWANUS_GT2_2 24115	21.44 1.75 -0.01	17.64 1.43 -0.01	17.03 1.32 -0.01	16.28 1.25 -0.01	17.54 1.30 -0.01	21.96 1.46 -0.01	27.19 1.51 -0.01	28.73 1.52 0.00	27.25 1.42 0.00	23.93 1.50 0.00	24.45 1.54 0.00	24.33 1.68 0.00	25.41 1.73 0.00	26.89 1.83 -0.01	29.13 2.06 -0.01	30.67 2.27 -0.08	35.90 2.69 -0.43	44.74 3.34 1.40	52.29 3.63 3.27	52.59 3.35 3.14	49.71 2.90 0.01	40.49 2.22 0.00	32.22 2.27 -0.01	28.78 2.23 -0.01
GOWANUS_GT2_3 24116	21.44 1.75 -0.01	17.64 1.43 -0.01	17.03 1.32 -0.01	16.28 1.25 -0.01	17.54 1.30 -0.01	21.96 1.46 -0.01	27.19 1.51 -0.01	28.73 1.52 0.00	27.25 1.42 0.00	23.93 1.50 0.00	24.45 1.54 0.00	24.33 1.68 0.00	25.41 1.73 0.00	26.89 1.83 -0.01	29.13 2.06 -0.01	30.67 2.27 -0.08	35.90 2.69 -0.43	44.74 3.34 1.40	52.29 3.63 3.27	52.59 3.35 3.14	49.71 2.90 0.01	40.49 2.22 0.00	32.22 2.27 -0.01	28.78 2.23 -0.01
GOWANUS_GT2_4 24117	21.44 1.75 -0.01	17.64 1.43 -0.01	17.03 1.32 -0.01	16.28 1.25 -0.01	17.54 1.30 -0.01	21.96 1.46 -0.01	27.19 1.51 -0.01	28.73 1.52 0.00	27.25 1.42 0.00	23.93 1.50 0.00	24.45 1.54 0.00	24.33 1.68 0.00	25.41 1.73 0.00	26.89 1.83 -0.01	29.13 2.06 -0.01	30.67 2.27 -0.08	35.90 2.69 -0.43	44.74 3.34 1.40	52.29 3.63 3.27	52.59 3.35 3.14	49.71 2.90 0.01	40.49 2.22 0.00	32.22 2.27 -0.01	28.78 2.23 -0.01
GOWANUS_GT2_5 24118	21.44 1.75 -0.01	17.64 1.43 -0.01	17.03 1.32 -0.01	16.28 1.25 -0.01	17.54 1.30 -0.01	21.96 1.46 -0.01	27.19 1.51 -0.01	28.73 1.52 0.00	27.25 1.42 0.00	23.93 1.50 0.00	24.45 1.54 0.00	24.33 1.68 0.00	25.41 1.73 0.00	26.89 1.83 -0.01	29.13 2.06 -0.01	30.67 2.27 -0.08	35.90 2.69 -0.43	44.74 3.34 1.40	52.29 3.63 3.27	52.59 3.35 3.14	49.71 2.90 0.01	40.49 2.22 0.00	32.22 2.27 -0.01	28.78 2.23 -0.01

GOWANUS_GT2_6 24119	21.44 1.75 -0.01	17.64 1.43 -0.01	17.03 1.32 -0.01	16.28 1.25 -0.01	17.54 1.30 -0.01	21.96 1.46 -0.01	27.19 1.51 -0.01	28.73 1.52 0.00	27.25 1.42 0.00	23.93 1.50 0.00	24.45 1.54 0.00	24.33 1.68 0.00	25.41 1.73 0.00	26.89 1.83 -0.01	29.13 2.06 -0.01	30.67 2.27 -0.08	35.90 2.69 -0.43	44.74 3.34 1.40	52.29 3.63 3.27	52.59 3.35 3.14	49.71 2.90 0.01	40.49 2.22 0.00	32.22 2.27 -0.01	28.78 2.23 -0.01
GOWANUS_GT2_7 24120	21.44 1.75 -0.01	17.64 1.43 -0.01	17.03 1.32 -0.01	16.28 1.25 -0.01	17.54 1.30 -0.01	21.96 1.46 -0.01	27.19 1.51 -0.01	28.73 1.52 0.00	27.25 1.42 0.00	23.93 1.50 0.00	24.45 1.54 0.00	24.33 1.68 0.00	25.41 1.73 0.00	26.89 1.83 -0.01	29.13 2.06 -0.01	30.67 2.27 -0.08	35.90 2.69 -0.43	44.74 3.34 1.40	52.29 3.63 3.27	52.59 3.35 3.14	49.71 2.90 0.01	40.49 2.22 0.00	32.22 2.27 -0.01	28.78 2.23 -0.01
GOWANUS_GT2_8 24121	21.44 1.75 -0.01	17.64 1.43 -0.01	17.03 1.32 -0.01	16.28 1.25 -0.01	17.54 1.30 -0.01	21.96 1.46 -0.01	27.19 1.51 -0.01	28.73 1.52 0.00	27.25 1.42 0.00	23.93 1.50 0.00	24.45 1.54 0.00	24.33 1.68 0.00	25.41 1.73 0.00	26.89 1.83 -0.01	29.13 2.06 -0.01	30.67 2.27 -0.08	35.90 2.69 -0.43	44.74 3.34 1.40	52.29 3.63 3.27	52.59 3.35 3.14	49.71 2.90 0.01	40.49 2.22 0.00	32.22 2.27 -0.01	28.78 2.23 -0.01
GOWANUS_GT3_1 24122	21.44 1.75 -0.01	17.64 1.43 -0.01	17.03 1.32 -0.01	16.28 1.25 -0.01	17.54 1.30 -0.01	21.96 1.46 -0.01	27.19 1.51 -0.01	28.73 1.52 0.00	27.25 1.42 0.00	23.93 1.50 0.00	24.45 1.54 0.00	24.33 1.68 0.00	25.41 1.73 0.00	26.89 1.83 -0.01	29.13 2.06 -0.01	30.67 2.27 -0.08	35.90 2.69 -0.43	44.74 3.34 1.40	52.29 3.63 3.27	52.59 3.35 3.14	49.71 2.90 0.01	40.49 2.22 0.00	32.22 2.27 -0.01	28.78 2.23 -0.01
GOWANUS_GT3_2 24123	21.44 1.75 -0.01	17.64 1.43 -0.01	17.03 1.32 -0.01	16.28 1.25 -0.01	17.54 1.30 -0.01	21.96 1.46 -0.01	27.19 1.51 -0.01	28.73 1.52 0.00	27.25 1.42 0.00	23.93 1.50 0.00	24.45 1.54 0.00	24.33 1.68 0.00	25.41 1.73 0.00	26.89 1.83 -0.01	29.13 2.06 -0.01	30.67 2.27 -0.08	35.90 2.69 -0.43	44.74 3.34 1.40	52.29 3.63 3.27	52.59 3.35 3.14	49.71 2.90 0.01	40.49 2.22 0.00	32.22 2.27 -0.01	28.78 2.23 -0.01
GOWANUS_GT3_3 24124	21.44 1.75 -0.01	17.64 1.43 -0.01	17.03 1.32 -0.01	16.28 1.25 -0.01	17.54 1.30 -0.01	21.96 1.46 -0.01	27.19 1.51 -0.01	28.73 1.52 0.00	27.25 1.42 0.00	23.93 1.50 0.00	24.45 1.54 0.00	24.33 1.68 0.00	25.41 1.73 0.00	26.89 1.83 -0.01	29.13 2.06 -0.01	30.67 2.27 -0.08	35.90 2.69 -0.43	44.74 3.34 1.40	52.29 3.63 3.27	52.59 3.35 3.14	49.71 2.90 0.01	40.49 2.22 0.00	32.22 2.27 -0.01	28.78 2.23 -0.01
GOWANUS_GT3_4 24125	21.44 1.75 -0.01	17.64 1.43 -0.01	17.03 1.32 -0.01	16.28 1.25 -0.01	17.54 1.30 -0.01	21.96 1.46 -0.01	27.19 1.51 -0.01	28.73 1.52 0.00	27.25 1.42 0.00	23.93 1.50 0.00	24.45 1.54 0.00	24.33 1.68 0.00	25.41 1.73 0.00	26.89 1.83 -0.01	29.13 2.06 -0.01	30.67 2.27 -0.08	35.90 2.69 -0.43	44.74 3.34 1.40	52.29 3.63 3.27	52.59 3.35 3.14	49.71 2.90 0.01	40.49 2.22 0.00	32.22 2.27 -0.01	28.78 2.23 -0.01
GOWANUS_GT3_5 24126	21.44 1.75 -0.01	17.64 1.43 -0.01	17.03 1.32 -0.01	16.28 1.25 -0.01	17.54 1.30 -0.01	21.96 1.46 -0.01	27.19 1.51 -0.01	28.73 1.52 0.00	27.25 1.42 0.00	23.93 1.50 0.00	24.45 1.54 0.00	24.33 1.68 0.00	25.41 1.73 0.00	26.89 1.83 -0.01	29.13 2.06 -0.01	30.67 2.27 -0.08	35.90 2.69 -0.43	44.74 3.34 1.40	52.29 3.63 3.27	52.59 3.35 3.14	49.71 2.90 0.01	40.49 2.22 0.00	32.22 2.27 -0.01	28.78 2.23 -0.01
GOWANUS_GT3_6 24127	21.44 1.75 -0.01	17.64 1.43 -0.01	17.03 1.32 -0.01	16.28 1.25 -0.01	17.54 1.30 -0.01	21.96 1.46 -0.01	27.19 1.51 -0.01	28.73 1.52 0.00	27.25 1.42 0.00	23.93 1.50 0.00	24.45 1.54 0.00	24.33 1.68 0.00	25.41 1.73 0.00	26.89 1.83 -0.01	29.13 2.06 -0.01	30.67 2.27 -0.08	35.90 2.69 -0.43	44.74 3.34 1.40	52.29 3.63 3.27	52.59 3.35 3.14	49.71 2.90 0.01	40.49 2.22 0.00	32.22 2.27 -0.01	28.78 2.23 -0.01
GOWANUS_GT3_7 24128	21.44 1.75 -0.01	17.64 1.43 -0.01	17.03 1.32 -0.01	16.28 1.25 -0.01	17.54 1.30 -0.01	21.96 1.46 -0.01	27.19 1.51 -0.01	28.73 1.52 0.00	27.25 1.42 0.00	23.93 1.50 0.00	24.45 1.54 0.00	24.33 1.68 0.00	25.41 1.73 0.00	26.89 1.83 -0.01	29.13 2.06 -0.01	30.67 2.27 -0.08	35.90 2.69 -0.43	44.74 3.34 1.40	52.29 3.63 3.27	52.59 3.35 3.14	49.71 2.90 0.01	40.49 2.22 0.00	32.22 2.27 -0.01	28.78 2.23 -0.01
GOWANUS_GT3_8 24129	21.44 1.75 -0.01	17.64 1.43 -0.01	17.03 1.32 -0.01	16.28 1.25 -0.01	17.54 1.30 -0.01	21.96 1.46 -0.01	27.19 1.51 -0.01	28.73 1.52 0.00	27.25 1.42 0.00	23.93 1.50 0.00	24.45 1.54 0.00	24.33 1.68 0.00	25.41 1.73 0.00	26.89 1.83 -0.01	29.13 2.06 -0.01	30.67 2.27 -0.08	35.90 2.69 -0.43	44.74 3.34 1.40	52.29 3.63 3.27	52.59 3.35 3.14	49.71 2.90 0.01	40.49 2.22 0.00	32.22 2.27 -0.01	28.78 2.23 -0.01
GOWANUS_GT4_1 24130	21.44 1.75 -0.01	17.64 1.43 -0.01	17.03 1.32 -0.01	16.28 1.25 -0.01	17.59 1.35 -0.01	21.96 1.46 -0.01	27.19 1.51 -0.01	28.73 1.52 0.00	27.25 1.42 0.00	23.93 1.50 0.00	24.45 1.54 0.00	24.33 1.68 0.00	25.41 1.73 0.00	26.92 1.85 -0.01	29.13 2.06 -0.01	30.73 2.32 -0.08	35.94 2.72 -0.43	44.78 3.38 1.40	52.29 3.63 3.27	52.58 3.35 3.14	49.81 3.00 0.01	40.69 2.41 0.00	32.25 2.31 -0.01	28.86 2.31 -0.01
GOWANUS_GT4_2 24131	21.44 1.75 -0.01	17.64 1.43 -0.01	17.03 1.32 -0.01	16.28 1.25 -0.01	17.59 1.35 -0.01	21.96 1.46 -0.01	27.19 1.51 -0.01	28.73 1.52 0.00	27.25 1.42 0.00	23.93 1.50 0.00	24.45 1.54 0.00	24.33 1.68 0.00	25.41 1.73 0.00	26.92 1.85 -0.01	29.13 2.06 -0.01	30.73 2.32 -0.08	35.94 2.72 -0.43	44.78 3.38 1.40	52.29 3.63 3.27	52.58 3.35 3.14	49.81 3.00 0.01	40.69 2.41 0.00	32.25 2.31 -0.01	28.86 2.31 -0.01
GOWANUS_GT4_3 24132	21.44 1.75 -0.01	17.64 1.43 -0.01	17.03 1.32 -0.01	16.28 1.25 -0.01	17.59 1.35 -0.01	21.96 1.46 -0.01	27.19 1.51 -0.01	28.73 1.52 0.00	27.25 1.42 0.00	23.93 1.50 0.00	24.45 1.54 0.00	24.33 1.68 0.00	25.41 1.73 0.00	26.92 1.85 -0.01	29.13 2.06 -0.01	30.73 2.32 -0.08	35.94 2.72 -0.43	44.78 3.38 1.40	52.29 3.63 3.27	52.58 3.35 3.14	49.81 3.00 0.01	40.69 2.41 0.00	32.25 2.31 -0.01	28.86 2.31 -0.01
GOWANUS_GT4_4 24133	21.44 1.75 -0.01	17.64 1.43 -0.01	17.03 1.32 -0.01	16.28 1.25 -0.01	17.59 1.35 -0.01	21.96 1.46 -0.01	27.19 1.51 -0.01	28.73 1.52 0.00	27.25 1.42 0.00	23.93 1.50 0.00	24.45 1.54 0.00	24.33 1.68 0.00	25.41 1.73 0.00	26.92 1.85 -0.01	29.13 2.06 -0.01	30.73 2.32 -0.08	35.94 2.72 -0.43	44.78 3.38 1.40	52.29 3.63 3.27	52.58 3.35 3.14	49.81 3.00 0.01	40.69 2.41 0.00	32.25 2.31 -0.01	28.86 2.31 -0.01

GOWANUS_GT4_5 24134	21.44 1.75 -0.01	17.64 1.43 -0.01	17.03 1.32 -0.01	16.28 1.25 -0.01	17.59 1.35 -0.01	21.96 1.46 -0.01	27.19 1.51 -0.01	28.73 1.52 0.00	27.25 1.42 0.00	23.93 1.50 0.00	24.45 1.54 0.00	24.33 1.68 0.00	25.41 1.73 0.00	26.92 1.85 -0.01	29.13 2.06 -0.01	30.73 2.32 -0.08	35.94 2.72 -0.43	44.78 3.38 1.40	52.29 3.63 3.27	52.58 3.35 3.14	49.81 3.00 0.01	40.69 2.41 0.00	32.25 2.31 -0.01	28.86 2.31 -0.01
GOWANUS_GT4_6 24135	21.44 1.75 -0.01	17.64 1.43 -0.01	17.03 1.32 -0.01	16.28 1.25 -0.01	17.59 1.35 -0.01	21.96 1.46 -0.01	27.19 1.51 -0.01	28.73 1.52 0.00	27.25 1.42 0.00	23.93 1.50 0.00	24.45 1.54 0.00	24.33 1.68 0.00	25.41 1.73 0.00	26.92 1.85 -0.01	29.13 2.06 -0.01	30.73 2.32 -0.08	35.94 2.72 -0.43	44.78 3.38 1.40	52.29 3.63 3.27	52.58 3.35 3.14	49.81 3.00 0.01	40.69 2.41 0.00	32.25 2.31 -0.01	28.86 2.31 -0.01
GOWANUS_GT4_7 24136	21.44 1.75 -0.01	17.64 1.43 -0.01	17.03 1.32 -0.01	16.28 1.25 -0.01	17.59 1.35 -0.01	21.96 1.46 -0.01	27.19 1.51 -0.01	28.73 1.52 0.00	27.25 1.42 0.00	23.93 1.50 0.00	24.45 1.54 0.00	24.33 1.68 0.00	25.41 1.73 0.00	26.92 1.85 -0.01	29.13 2.06 -0.01	30.73 2.32 -0.08	35.94 2.72 -0.43	44.78 3.38 1.40	52.29 3.63 3.27	52.58 3.35 3.14	49.81 3.00 0.01	40.69 2.41 0.00	32.25 2.31 -0.01	28.86 2.31 -0.01
GOWANUS_GT4_8 24137	21.44 1.75 -0.01	17.64 1.43 -0.01	17.03 1.32 -0.01	16.28 1.25 -0.01	17.59 1.35 -0.01	21.96 1.46 -0.01	27.19 1.51 -0.01	28.73 1.52 0.00	27.25 1.42 0.00	23.93 1.50 0.00	24.45 1.54 0.00	24.33 1.68 0.00	25.41 1.73 0.00	26.92 1.85 -0.01	29.13 2.06 -0.01	30.73 2.32 -0.08	35.94 2.72 -0.43	44.78 3.38 1.40	52.29 3.63 3.27	52.58 3.35 3.14	49.81 3.00 0.01	40.69 2.41 0.00	32.25 2.31 -0.01	28.86 2.31 -0.01
GREATVRV_69_KV_BK1 356245	21.82 2.13 -0.01	17.98 1.77 -0.01	17.23 1.52 0.00	16.44 1.41 0.00	17.89 1.66 0.00	22.26 1.76 0.00	27.96 2.28 -0.01	29.64 2.42 -0.01	27.77 1.94 0.00	24.46 2.02 -0.01	24.94 2.02 -0.01	24.70 2.04 -0.01	25.82 2.13 -0.01	27.32 2.25 -0.01	29.63 2.52 -0.05	35.49 2.92 -4.24	41.51 3.38 -5.35	47.16 4.07 -0.29	58.62 4.52 -2.18	56.18 4.61 0.79	54.25 4.03 -3.40	43.35 3.33 -1.75	38.07 3.02 -5.11	30.53 2.73 -1.25
GREENBSH_115KV_TB3 55895	20.45 0.77 0.00	16.87 0.66 0.00	16.34 0.63 0.00	15.61 0.59 0.00	16.85 0.62 0.00	21.15 0.66 0.00	26.18 0.51 0.00	27.56 0.35 0.00	26.06 0.23 0.00	22.61 0.18 0.00	23.08 0.16 0.00	22.83 0.18 0.00	23.87 0.19 0.00	25.25 0.20 0.00	27.34 0.27 0.00	28.59 0.31 0.05	32.86 0.39 0.32	41.58 0.30 1.52	48.66 0.26 3.52	49.36 0.37 3.37	47.23 0.42 0.01	38.61 0.34 0.01	30.59 0.66 0.00	27.42 0.88 0.00
GREENDGE_115KV_TB5 80291	19.68 0.00 0.00	16.14 -0.06 0.00	15.68 -0.03 0.00	15.01 -0.02 0.00	16.09 -0.15 0.00	20.27 -0.23 0.00	25.28 -0.39 0.00	27.07 -0.14 0.00	25.88 0.05 0.00	22.41 -0.02 0.00	22.85 -0.07 0.00	22.56 -0.09 0.00	23.58 -0.09 0.00	24.98 -0.08 0.00	27.07 0.00 0.00	28.19 -0.14 0.00	32.72 -0.07 0.00	41.84 0.21 1.18	49.84 0.67 2.75	50.57 0.84 2.63	47.47 0.66 0.01	39.07 0.80 0.01	30.62 0.69 0.00	26.83 0.29 0.00
GREENIDGE___3 23582	19.68 0.00 0.00	16.14 -0.06 0.00	15.68 -0.03 0.00	15.01 -0.02 0.00	16.09 -0.15 0.00	20.27 -0.23 0.00	25.28 -0.39 0.00	27.07 -0.14 0.00	25.88 0.05 0.00	22.41 -0.02 0.00	22.85 -0.07 0.00	22.56 -0.09 0.00	23.58 -0.09 0.00	24.98 -0.08 0.00	27.07 0.00 0.00	28.19 -0.14 0.00	32.72 -0.07 0.00	41.84 0.21 1.18	49.84 0.67 2.75	50.57 0.84 2.63	47.47 0.66 0.01	39.07 0.80 0.01	30.62 0.69 0.00	26.83 0.29 0.00
GREENIDGE___4 23583	19.68 0.00 0.00	16.14 -0.06 0.00	15.68 -0.03 0.00	15.01 -0.02 0.00	16.19 -0.05 0.00	20.29 -0.20 0.00	25.28 -0.38 0.00	27.07 -0.14 0.00	25.88 0.05 0.00	22.41 -0.02 0.00	22.87 -0.05 0.00	22.56 -0.09 0.00	23.58 -0.09 0.00	24.98 -0.07 0.00	27.04 -0.03 0.00	28.30 -0.03 0.00	32.75 -0.03 0.00	42.14 0.52 1.18	49.84 0.67 2.75	50.57 0.84 2.63	47.52 0.70 0.01	39.18 0.92 0.01	30.62 0.69 0.00	26.89 0.34 0.00
GREENLWN_69_KV_BK 3 55738	21.66 1.97 -0.01	17.85 1.64 -0.01	17.10 1.40 0.00	16.33 1.31 0.00	17.78 1.54 0.00	22.09 1.60 0.00	27.73 2.05 -0.01	29.39 2.18 -0.01	27.59 1.76 0.00	24.30 1.86 -0.01	24.83 1.90 -0.01	24.61 1.95 -0.01	25.72 2.04 -0.01	27.22 2.15 -0.01	27.95 0.84 -0.05	32.79 1.19 -3.27	39.16 1.54 -4.83	44.60 1.93 0.13	55.60 1.66 -2.02	53.13 1.78 1.02	50.50 1.12 -2.55	40.58 0.96 -1.35	35.55 1.08 -4.53	28.52 1.01 -0.97
GREENWD_138_KV_38B11_REV_LBMP_J 345004	21.44 1.75 -0.01	17.64 1.43 -0.01	17.03 1.32 -0.01	16.28 1.25 -0.01	17.59 1.35 -0.01	21.96 1.46 -0.01	27.19 1.51 -0.01	28.73 1.52 0.00	27.25 1.42 0.00	23.93 1.50 0.00	24.45 1.54 0.00	24.33 1.68 0.00	25.41 1.73 0.00	26.92 1.85 -0.01	29.13 2.06 -0.01	30.73 2.32 -0.08	35.94 2.72 -0.43	44.78 3.38 1.40	52.29 3.63 3.27	52.58 3.35 3.14	49.81 3.00 0.01	40.69 2.41 0.00	32.25 2.31 -0.01	28.86 2.31 -0.01
GRISSOM___SOLAR 323813	20.98 1.30 0.00	17.28 1.07 0.00	16.74 1.04 0.00	16.02 0.99 0.00	17.34 1.10 0.00	21.87 1.37 0.00	27.08 1.41 0.00	28.26 1.06 0.00	26.58 0.75 0.00	22.95 0.52 0.00	23.40 0.48 0.00	23.06 0.41 0.00	24.13 0.45 0.00	25.55 0.50 0.00	27.71 0.65 0.00	28.99 0.71 0.04	33.52 0.98 0.25	42.77 1.54 1.57	50.41 2.13 3.64	51.76 2.88 3.48	49.57 2.76 0.01	40.56 2.30 0.01	31.88 1.94 0.00	28.45 1.91 0.00
GROVEVILLE___HYD 323602	21.14 1.46 0.00	17.42 1.22 0.00	16.82 1.12 0.00	16.08 1.05 0.00	17.37 1.14 0.00	21.74 1.25 0.00	27.08 1.41 0.00	28.62 1.41 0.00	27.10 1.27 0.00	23.57 1.14 0.00	24.06 1.15 0.00	23.88 1.22 0.00	24.96 1.28 0.00	26.46 1.40 0.00	28.72 1.65 0.00	30.21 1.81 -0.07	35.38 2.20 -0.40	44.26 2.87 1.41	51.82 3.17 3.27	52.32 3.09 3.13	49.71 2.90 0.01	40.60 2.33 0.01	31.97 2.04 0.00	28.59 2.04 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	19.61 -0.08 0.00	16.14 -0.06 0.00	15.64 -0.06 0.00	14.98 -0.05 0.00	16.14 -0.10 0.00	20.31 -0.18 0.00	25.33 -0.33 0.00	26.80 -0.41 0.00	25.50 -0.34 0.00	22.12 -0.31 0.00	22.57 -0.34 0.00	22.27 -0.39 0.00	23.28 -0.40 0.00	24.63 -0.43 0.00	26.61 -0.46 0.00	27.82 -0.51 0.00	32.23 -0.56 0.00	41.93 -0.56 0.31	50.78 -0.42 0.73	51.25 -0.42 0.70	46.44 -0.37 0.00	37.97 -0.31 0.00	29.85 -0.09 0.00	26.54 0.00 0.00
HAMLTNNY_34_KV_TB 80303	19.55 -0.14 0.00	16.08 -0.13 0.00	15.60 -0.11 0.00	14.93 -0.09 0.00	16.06 -0.18 0.00	20.23 -0.27 0.00	25.23 -0.44 0.00	26.74 -0.46 0.00	25.50 -0.34 0.00	22.09 -0.34 0.00	22.55 -0.37 0.00	22.27 -0.39 0.00	23.28 -0.40 0.00	24.63 -0.43 0.00	26.61 -0.46 0.00	27.79 -0.54 0.00	32.23 -0.56 0.00	42.01 -0.51 0.28	50.91 -0.36 0.65	51.43 -0.31 0.62	46.54 -0.28 0.00	38.04 -0.23 0.00	29.88 -0.06 0.00	26.52 -0.03 0.00

HAMPSHIRE___PAPER_HYD 323593	19.25 -0.43 0.00	15.88 -0.32 0.00	15.38 -0.33 0.00	14.75 -0.27 0.00	16.04 -0.19 0.00	20.33 -0.16 0.00	25.33 -0.33 0.00	26.93 -0.27 0.00	25.55 -0.28 0.00	22.05 -0.38 0.00	22.35 -0.57 0.00	22.06 -0.59 0.00	23.06 -0.62 0.00	24.45 -0.60 0.00	26.36 -0.70 0.00	27.70 -0.62 0.00	32.20 -0.59 0.00	41.43 -0.51 0.86	49.88 -0.05 1.99	50.68 0.21 1.90	46.72 -0.09 0.01	38.23 -0.04 0.01	29.58 -0.36 0.00	26.04 -0.51 0.00
HARDSCRABBLE_WT_PWR 323673	19.96 0.28 0.00	16.45 0.24 0.00	15.91 0.20 0.00	15.22 0.19 0.00	16.46 0.23 0.00	20.72 0.23 0.00	25.80 0.13 0.00	27.18 -0.03 0.00	25.78 -0.05 0.00	22.36 -0.07 0.00	22.80 -0.11 0.00	22.54 -0.11 0.00	23.56 -0.12 0.00	24.93 -0.12 0.00	26.93 -0.13 0.00	28.19 -0.14 0.00	32.69 -0.10 0.00	40.88 -0.09 1.83	47.72 0.05 4.25	48.40 0.10 4.07	46.76 -0.05 0.01	38.26 0.00 0.01	30.09 0.15 0.00	26.86 0.32 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	21.00 1.32 0.00	17.31 1.10 0.00	16.71 1.01 0.00	15.97 0.95 0.00	17.26 1.02 0.00	21.60 1.11 0.00	26.87 1.21 0.00	28.43 1.22 0.00	26.97 1.14 0.00	23.51 1.08 0.00	24.00 1.08 0.00	23.81 1.16 0.00	24.89 1.21 0.00	26.38 1.33 0.00	28.61 1.54 0.00	30.12 1.73 -0.06	35.23 2.07 -0.38	44.07 2.65 1.39	51.62 2.91 3.21	52.07 2.78 3.07	49.39 2.58 0.01	40.29 2.03 0.01	31.76 1.83 0.00	28.35 1.80 0.00
HARSNRAD_115KV_TB1 81005	18.72 -0.96 0.00	15.24 -0.97 0.00	14.89 -0.82 0.00	14.23 -0.80 0.00	15.03 -1.20 0.00	18.81 -1.68 0.00	23.41 -2.26 0.00	24.29 -2.91 0.00	23.92 -1.91 0.00	20.79 -1.64 0.00	21.25 -1.67 0.00	21.04 -1.61 0.00	22.02 -1.66 0.00	23.12 -1.93 0.00	25.25 -1.81 0.00	26.06 -2.27 0.00	30.13 -2.66 0.00	37.95 -3.25 1.60	44.67 -3.53 3.72	45.56 -3.25 3.56	43.91 -2.90 0.01	35.74 -2.53 0.01	28.38 -1.56 0.00	24.98 -1.57 0.00
HARZA MOOSE___RIVER 24016	19.80 0.12 0.00	16.34 0.13 0.00	15.83 0.13 0.00	15.17 0.15 0.00	16.45 0.21 0.00	20.80 0.31 0.00	25.82 0.15 0.00	27.31 0.11 0.00	25.96 0.13 0.00	22.43 0.00 0.00	22.69 -0.23 0.00	22.43 -0.23 0.00	23.42 -0.26 0.00	24.83 -0.23 0.00	26.77 -0.30 0.00	28.10 -0.23 0.00	32.66 -0.13 0.00	41.55 0.09 1.34	49.49 0.67 3.10	50.34 0.94 2.97	47.37 0.56 0.01	38.69 0.42 0.01	30.21 0.27 0.00	26.81 0.27 0.00
HDSNBRDG_115KV_BRDG_TB1 355580	19.61 -0.08 0.00	16.14 -0.06 0.00	15.64 -0.06 0.00	14.96 -0.06 0.00	16.12 -0.11 0.00	20.25 -0.25 0.00	25.23 -0.44 0.00	26.66 -0.54 0.00	25.42 -0.41 0.00	22.05 -0.38 0.00	22.51 -0.41 0.00	22.22 -0.43 0.00	23.21 -0.47 0.00	24.58 -0.48 0.00	26.52 -0.54 0.00	27.73 -0.59 0.00	32.13 -0.66 0.00	40.98 -0.77 1.05	48.75 -0.73 2.45	49.29 -0.73 2.34	46.16 -0.66 0.01	37.73 -0.54 0.01	29.73 -0.21 0.00	26.49 -0.05 0.00
HELLGATE_13_KV_LD 55870	21.48 1.79 -0.01	17.66 1.44 -0.01	17.05 1.34 -0.01	16.28 1.25 -0.01	17.59 1.35 -0.01	21.98 1.48 -0.01	27.21 1.54 0.00	28.78 1.58 0.00	27.36 1.52 0.00	24.02 1.59 0.00	24.52 1.60 0.00	24.40 1.74 0.00	25.48 1.80 0.00	26.96 1.90 0.00	29.20 2.14 0.00	30.80 2.41 -0.07	36.02 2.82 -0.42	44.85 3.47 1.41	52.33 3.69 3.28	52.69 3.46 3.14	49.90 3.09 0.01	40.68 2.41 0.01	32.18 2.25 0.00	28.80 2.26 0.00
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	21.48 1.79 -0.01	17.66 1.44 -0.01	17.05 1.34 -0.01	16.28 1.25 -0.01	17.59 1.35 -0.01	21.98 1.48 -0.01	27.21 1.54 0.00	28.78 1.58 0.00	27.36 1.52 0.00	24.02 1.59 0.00	24.52 1.60 0.00	24.40 1.74 0.00	25.48 1.80 0.00	26.96 1.90 0.00	29.20 2.14 0.00	30.80 2.41 -0.07	36.02 2.82 -0.42	44.85 3.47 1.41	52.33 3.69 3.28	52.69 3.46 3.14	49.90 3.09 0.01	40.68 2.41 0.01	32.18 2.25 0.00	28.80 2.26 0.00
HEMPSTEAD___ 23647	21.41 1.71 -0.02	17.63 1.41 -0.01	16.98 1.27 0.00	16.21 1.19 0.00	17.53 1.30 0.00	21.91 1.41 0.00	27.37 1.69 -0.01	28.91 1.69 -0.02	27.33 1.50 0.00	24.01 1.57 -0.01	24.51 1.58 -0.01	24.30 1.63 -0.01	25.35 1.66 -0.01	26.85 1.78 -0.01	29.22 2.00 -0.16	46.21 2.18 -15.70	48.43 2.59 -13.05	50.69 3.04 -4.85	61.91 3.27 -6.72	58.05 3.19 -2.49	62.27 2.90 -12.55	47.09 2.26 -6.56	45.60 2.16 -13.51	33.40 2.18 -4.68
HICKLING___1 23621	19.86 0.18 0.00	16.27 0.06 0.00	15.82 0.11 0.00	15.14 0.12 0.00	16.20 -0.03 0.00	20.39 -0.10 0.00	25.38 -0.28 0.00	26.71 -0.49 0.00	25.70 -0.13 0.00	22.30 -0.13 0.00	22.76 -0.16 0.00	22.49 -0.16 0.00	23.51 -0.17 0.00	24.88 -0.18 0.00	26.99 -0.08 0.00	28.02 -0.31 0.00	32.49 -0.30 0.00	41.37 0.00 1.43	49.19 0.62 3.35	50.05 0.89 3.21	47.51 0.70 0.01	38.80 0.54 0.01	30.44 0.51 0.00	26.62 0.08 0.00
HICKLING___2 23622	19.86 0.18 0.00	16.27 0.06 0.00	15.82 0.11 0.00	15.14 0.12 0.00	16.20 -0.03 0.00	20.39 -0.10 0.00	25.38 -0.28 0.00	26.71 -0.49 0.00	25.70 -0.13 0.00	22.30 -0.13 0.00	22.76 -0.16 0.00	22.49 -0.16 0.00	23.51 -0.17 0.00	24.88 -0.18 0.00	26.99 -0.08 0.00	28.02 -0.31 0.00	32.49 -0.30 0.00	41.37 0.00 1.43	49.19 0.62 3.35	50.05 0.89 3.21	47.51 0.70 0.01	38.80 0.54 0.01	30.44 0.51 0.00	26.62 0.08 0.00
HIGH FALLS___HY 23754	21.14 1.46 0.00	17.41 1.20 0.00	16.82 1.12 0.00	16.06 1.04 0.00	17.35 1.12 0.00	21.72 1.23 0.00	27.13 1.46 0.00	28.70 1.50 0.00	27.20 1.37 0.00	23.64 1.21 0.00	24.13 1.21 0.00	23.97 1.31 0.00	25.08 1.40 0.00	26.61 1.55 0.00	28.91 1.84 0.00	30.41 2.04 -0.05	35.55 2.49 -0.28	44.82 3.42 1.40	52.57 3.89 3.24	53.09 3.82 3.11	50.32 3.51 0.01	41.06 2.79 0.01	32.27 2.33 0.00	28.69 2.15 0.00
HIGH_RIVER___SOLAR 323847	20.67 0.98 0.00	17.02 0.81 0.00	16.48 0.77 0.00	15.76 0.74 0.00	17.05 0.81 0.00	21.46 0.96 0.00	26.62 0.95 0.00	27.83 0.63 0.00	26.14 0.31 0.00	22.56 0.14 0.00	22.99 0.07 0.00	22.70 0.05 0.00	23.73 0.05 0.00	25.13 0.08 0.00	27.23 0.16 0.00	28.43 0.14 0.04	32.84 0.33 0.27	41.87 0.64 1.57	49.42 1.14 3.64	50.61 1.73 3.48	48.54 1.73 0.01	39.68 1.42 0.01	31.25 1.32 0.00	27.95 1.41 0.00
HILLBURN___GT 23639	21.06 1.38 0.00	17.34 1.13 0.00	16.74 1.04 0.00	16.00 0.98 0.00	17.24 1.01 0.00	21.62 1.13 0.00	26.92 1.26 0.00	28.46 1.25 0.00	27.02 1.19 0.00	23.60 1.17 0.00	24.11 1.19 0.00	23.92 1.27 0.00	25.00 1.33 0.00	26.48 1.43 0.00	28.72 1.65 0.00	30.18 1.79 -0.06	35.34 2.16 -0.39	44.06 2.65 1.39	51.60 2.91 3.23	52.05 2.77 3.09	49.29 2.48 0.01	40.10 1.84 0.01	31.76 1.83 0.00	28.35 1.81 0.00
HILLSIDE_115KV_TB1 80332	19.66 -0.02 0.00	16.13 -0.08 0.00	15.68 -0.03 0.00	14.99 -0.03 0.00	16.09 -0.15 0.00	20.21 -0.29 0.00	25.15 -0.51 0.00	26.50 -0.71 0.00	25.47 -0.36 0.00	22.12 -0.31 0.00	22.57 -0.34 0.00	22.31 -0.34 0.00	23.32 -0.36 0.00	24.68 -0.38 0.00	26.74 -0.32 0.00	27.79 -0.54 0.00	32.20 -0.59 0.00	40.88 -0.47 1.45	48.36 -0.16 3.40	49.11 0.00 3.26	46.76 -0.05 0.01	38.19 -0.08 0.01	30.03 0.09 0.00	26.44 -0.11 0.00

HISHELDN_WT_PWR 323625	19.02 -0.67 0.00	15.53 -0.68 0.00	15.11 -0.60 0.00	14.44 -0.59 0.00	15.52 -0.71 0.00	19.28 -1.21 0.00	23.90 -1.77 0.00	24.89 -2.31 0.00	24.33 -1.50 0.00	21.15 -1.28 0.00	21.64 -1.28 0.00	21.39 -1.27 0.00	22.40 -1.28 0.00	23.58 -1.48 0.00	25.69 -1.38 0.00	26.82 -1.50 0.00	30.79 -2.00 0.00	38.98 -2.27 1.55	45.92 -2.39 3.61	47.03 -1.88 3.46	45.08 -1.73 0.01	36.81 -1.45 0.01	28.92 -1.02 0.00	25.35 -1.19 0.00
HOLTSVILLE_IC_1 23690	21.52 1.83 -0.01	17.72 1.51 -0.01	17.01 1.30 0.00	16.24 1.22 0.00	17.63 1.40 0.00	21.97 1.48 0.00	27.65 1.98 -0.01	29.28 2.07 -0.01	27.38 1.55 0.00	24.17 1.73 -0.01	24.62 1.70 -0.01	24.34 1.68 -0.01	25.44 1.75 -0.01	26.92 1.85 -0.01	29.16 2.06 -0.04	33.72 2.13 -3.26	40.09 2.59 -4.71	45.47 2.74 0.08	56.88 3.12 -1.85	54.30 2.98 1.05	52.15 2.67 -2.67	41.60 1.99 -1.34	36.66 2.31 -4.42	29.73 2.23 -0.96
HOLTSVILLE_IC_10 23699	21.62 1.93 -0.01	17.81 1.59 -0.01	17.07 1.37 0.00	16.30 1.28 0.00	17.70 1.46 0.00	22.05 1.56 0.00	27.78 2.11 -0.01	29.42 2.20 -0.01	27.49 1.65 0.00	24.28 1.84 -0.01	24.74 1.81 -0.01	24.45 1.79 -0.01	25.56 1.87 -0.01	27.07 2.01 -0.01	29.27 2.17 -0.04	34.27 2.24 -3.71	40.53 2.75 -4.99	45.95 3.00 -0.15	57.36 3.43 -2.01	54.76 3.30 0.90	52.85 2.90 -3.13	41.98 2.18 -1.52	37.11 2.46 -4.72	29.94 2.31 -1.09
HOLTSVILLE_IC_2 23691	21.52 1.83 -0.01	17.72 1.51 -0.01	17.01 1.30 0.00	16.24 1.22 0.00	17.63 1.40 0.00	21.97 1.48 0.00	27.65 1.98 -0.01	29.28 2.07 -0.01	27.38 1.55 0.00	24.17 1.73 -0.01	24.62 1.70 -0.01	24.34 1.68 -0.01	25.44 1.75 -0.01	26.92 1.85 -0.01	29.16 2.06 -0.04	33.72 2.13 -3.26	40.09 2.59 -4.71	45.47 2.74 0.08	56.88 3.12 -1.85	54.30 2.98 1.05	52.15 2.67 -2.67	41.60 1.99 -1.34	36.66 2.31 -4.42	29.73 2.23 -0.96
HOLTSVILLE_IC_3 23692	21.52 1.83 -0.01	17.72 1.51 -0.01	17.01 1.30 0.00	16.24 1.22 0.00	17.63 1.40 0.00	21.97 1.48 0.00	27.65 1.98 -0.01	29.28 2.07 -0.01	27.38 1.55 0.00	24.17 1.73 -0.01	24.62 1.70 -0.01	24.34 1.68 -0.01	25.44 1.75 -0.01	26.92 1.85 -0.01	29.16 2.06 -0.04	33.72 2.13 -3.26	40.09 2.59 -4.71	45.47 2.74 0.08	56.88 3.12 -1.85	54.30 2.98 1.05	52.15 2.67 -2.67	41.60 1.99 -1.34	36.66 2.31 -4.42	29.73 2.23 -0.96
HOLTSVILLE_IC_4 23693	21.52 1.83 -0.01	17.72 1.51 -0.01	17.01 1.30 0.00	16.24 1.22 0.00	17.63 1.40 0.00	21.97 1.48 0.00	27.65 1.98 -0.01	29.28 2.07 -0.01	27.38 1.55 0.00	24.17 1.73 -0.01	24.62 1.70 -0.01	24.34 1.68 -0.01	25.44 1.75 -0.01	26.92 1.85 -0.01	29.16 2.06 -0.04	33.72 2.13 -3.26	40.09 2.59 -4.71	45.47 2.74 0.08	56.88 3.12 -1.85	54.30 2.98 1.05	52.15 2.67 -2.67	41.60 1.99 -1.34	36.66 2.31 -4.42	29.73 2.23 -0.96
HOLTSVILLE_IC_5 23694	21.52 1.83 -0.01	17.72 1.51 -0.01	17.01 1.30 0.00	16.24 1.22 0.00	17.63 1.40 0.00	21.97 1.48 0.00	27.65 1.98 -0.01	29.28 2.07 -0.01	27.38 1.55 0.00	24.17 1.73 -0.01	24.62 1.70 -0.01	24.34 1.68 -0.01	25.44 1.75 -0.01	26.92 1.85 -0.01	29.16 2.06 -0.04	33.72 2.13 -3.26	40.09 2.59 -4.71	45.47 2.74 0.08	56.88 3.12 -1.85	54.30 2.98 1.05	52.15 2.67 -2.67	41.60 1.99 -1.34	36.66 2.31 -4.42	29.73 2.23 -0.96
HOLTSVILLE_IC_6 23695	21.62 1.93 -0.01	17.81 1.59 -0.01	17.07 1.37 0.00	16.30 1.28 0.00	17.70 1.46 0.00	22.05 1.56 0.00	27.78 2.11 -0.01	29.42 2.20 -0.01	27.49 1.65 0.00	24.28 1.84 -0.01	24.74 1.81 -0.01	24.45 1.79 -0.01	25.56 1.87 -0.01	27.07 2.01 -0.01	29.27 2.17 -0.04	34.27 2.24 -3.71	40.53 2.75 -4.99	45.95 3.00 -0.15	57.36 3.43 -2.01	54.76 3.30 0.90	52.85 2.90 -3.13	41.98 2.18 -1.52	37.11 2.46 -4.72	29.94 2.31 -1.09
HOLTSVILLE_IC_7 23696	21.62 1.93 -0.01	17.81 1.59 -0.01	17.07 1.37 0.00	16.30 1.28 0.00	17.70 1.46 0.00	22.05 1.56 0.00	27.78 2.11 -0.01	29.42 2.20 -0.01	27.49 1.65 0.00	24.28 1.84 -0.01	24.74 1.81 -0.01	24.45 1.79 -0.01	25.56 1.87 -0.01	27.07 2.01 -0.01	29.27 2.17 -0.04	34.27 2.24 -3.71	40.53 2.75 -4.99	45.95 3.00 -0.15	57.36 3.43 -2.01	54.76 3.30 0.90	52.85 2.90 -3.13	41.98 2.18 -1.52	37.11 2.46 -4.72	29.94 2.31 -1.09
HOLTSVILLE_IC_8 23697	21.62 1.93 -0.01	17.81 1.59 -0.01	17.07 1.37 0.00	16.30 1.28 0.00	17.70 1.46 0.00	22.05 1.56 0.00	27.78 2.11 -0.01	29.42 2.20 -0.01	27.49 1.65 0.00	24.28 1.84 -0.01	24.74 1.81 -0.01	24.45 1.79 -0.01	25.56 1.87 -0.01	27.07 2.01 -0.01	29.27 2.17 -0.04	34.27 2.24 -3.71	40.53 2.75 -4.99	45.95 3.00 -0.15	57.36 3.43 -2.01	54.76 3.30 0.90	52.85 2.90 -3.13	41.98 2.18 -1.52	37.11 2.46 -4.72	29.94 2.31 -1.09
HOLTSVILLE_IC_9 23698	21.62 1.93 -0.01	17.81 1.59 -0.01	17.07 1.37 0.00	16.30 1.28 0.00	17.70 1.46 0.00	22.05 1.56 0.00	27.78 2.11 -0.01	29.42 2.20 -0.01	27.49 1.65 0.00	24.28 1.84 -0.01	24.74 1.81 -0.01	24.45 1.79 -0.01	25.56 1.87 -0.01	27.07 2.01 -0.01	29.27 2.17 -0.04	34.27 2.24 -3.71	40.53 2.75 -4.99	45.95 3.00 -0.15	57.36 3.43 -2.01	54.76 3.30 0.90	52.85 2.90 -3.13	41.98 2.18 -1.52	37.11 2.46 -4.72	29.94 2.31 -1.09
HOMER_HL_115KV_TB2 355744	19.02 -0.67 0.00	15.53 -0.68 0.00	15.13 -0.58 0.00	14.45 -0.57 0.00	15.37 -0.86 0.00	19.26 -1.23 0.00	23.95 -1.72 0.00	25.14 -2.07 0.00	24.75 -1.08 0.00	21.60 -0.83 0.00	22.05 -0.87 0.00	21.79 -0.86 0.00	22.80 -0.88 0.00	24.03 -1.03 0.00	26.20 -0.87 0.00	27.17 -1.16 0.00	31.44 -1.34 0.00	39.64 -1.58 1.58	46.80 -1.45 3.66	47.71 -1.15 3.51	45.59 -1.22 0.01	37.00 -1.26 0.01	29.16 -0.78 0.00	25.51 -1.04 0.00
HOWARD_WT_PWR 323690	19.47 -0.22 0.00	15.93 -0.28 0.00	15.49 -0.22 0.00	14.83 -0.20 0.00	15.97 -0.26 0.00	19.96 -0.53 0.00	24.79 -0.87 0.00	26.04 -1.17 0.00	25.16 -0.67 0.00	21.83 -0.60 0.00	22.30 -0.62 0.00	22.04 -0.61 0.00	23.09 -0.59 0.00	24.38 -0.68 0.00	26.47 -0.60 0.00	27.62 -0.71 0.00	31.74 -1.05 0.00	40.46 -0.90 1.44	47.95 -0.62 3.35	48.90 -0.26 3.21	46.43 -0.38 0.01	37.84 -0.42 0.01	29.55 -0.39 0.00	25.75 -0.80 0.00
HQ_GEN_CEDARS 23644	19.51 -0.18 0.00	16.05 -0.16 0.00	15.57 -0.14 0.00	14.89 -0.14 0.00	16.14 -0.10 0.00	20.49 0.00 0.00	25.87 0.21 0.00	27.67 0.46 0.00	26.22 0.39 0.00	22.74 0.31 0.00	23.29 0.37 0.00	22.99 0.34 0.00	24.08 0.40 0.00	25.48 0.43 0.00	27.50 0.43 0.00	28.84 0.51 0.00	33.31 0.52 0.00	43.06 0.77 0.51	51.58 0.83 1.17	52.03 0.79 1.12	47.43 0.61 0.00	38.88 0.61 0.00	29.97 0.03 0.00	26.22 -0.32 0.00
HQ_GEN_CEDARS_PROXY 323590	19.51 -0.18 0.00	16.05 -0.16 0.00	15.57 -0.14 0.00	14.89 -0.14 0.00	16.14 -0.10 0.00	20.49 0.00 0.00	25.87 0.20 0.00	27.67 0.46 0.00	26.22 0.39 0.00	22.74 0.31 0.00	23.28 0.37 0.00	22.99 0.34 0.00	24.08 0.40 0.00	25.48 0.43 0.00	27.50 0.43 0.00	28.81 0.48 0.00	33.31 0.52 0.00	43.02 0.73 0.51	51.57 0.83 1.17	52.03 0.79 1.12	47.47 0.66 0.00	41.45 0.65 -2.53	29.59 0.03 0.37	24.06 -0.32 2.16

HQ_GEN_IMPORT 323601	19.47 -0.22 0.00	16.03 -0.18 0.00	15.55 -0.16 0.00	14.87 -0.15 0.00	16.09 -0.15 0.00	20.41 -0.08 0.00	25.72 0.05 0.00	27.37 0.16 0.00	25.96 0.13 0.00	22.54 0.11 0.00	23.06 0.14 0.00	22.79 0.14 0.00	23.82 0.14 0.00	25.21 0.15 0.00	27.23 0.16 0.00	28.50 0.17 0.00	32.98 0.20 0.00	42.78 0.26 0.27	51.60 0.31 0.64	52.02 0.26 0.61	47.05 0.24 0.00	41.00 0.19 -2.53	29.47 -0.09 0.37	24.09 -0.29 2.16
HQ_GEN_WHEEL 23651	19.47 -0.22 0.00	16.03 -0.18 0.00	15.55 -0.16 0.00	14.87 -0.15 0.00	16.09 -0.15 0.00	20.41 -0.08 0.00	25.72 0.05 0.00	27.37 0.16 0.00	25.96 0.13 0.00	22.54 0.11 0.00	23.06 0.14 0.00	22.79 0.14 0.00	23.82 0.14 0.00	25.21 0.15 0.00	27.23 0.16 0.00	28.50 0.17 0.00	32.98 0.20 0.00	42.78 0.26 0.27	51.60 0.31 0.64	52.02 0.26 0.61	47.05 0.24 0.00	41.00 0.19 -2.53	29.47 -0.09 0.37	24.09 -0.29 2.16
HUDSON AVE_GT_3 23810	21.32 1.63 0.00	17.57 1.36 0.00	16.92 1.21 0.00	16.17 1.14 0.00	17.47 1.23 0.00	21.83 1.33 0.00	27.13 1.46 0.00	28.73 1.52 0.00	27.28 1.45 0.00	23.89 1.46 0.00	24.43 1.51 0.00	24.26 1.61 0.00	25.34 1.66 0.00	26.83 1.78 0.00	29.10 2.03 0.00	30.69 2.29 -0.07	35.93 2.72 -0.42	44.68 3.30 1.41	52.12 3.48 3.28	52.48 3.25 3.14	49.95 3.14 0.01	40.60 2.33 0.01	32.00 2.07 0.00	28.61 2.07 0.00
HUDSON AVE_GT_4 23540	21.32 1.63 0.00	17.57 1.36 0.00	16.92 1.21 0.00	16.17 1.14 0.00	17.47 1.23 0.00	21.83 1.33 0.00	27.13 1.46 0.00	28.73 1.52 0.00	27.28 1.45 0.00	23.89 1.46 0.00	24.43 1.51 0.00	24.26 1.61 0.00	25.34 1.66 0.00	26.83 1.78 0.00	29.10 2.03 0.00	30.69 2.29 -0.07	35.93 2.72 -0.42	44.68 3.30 1.41	52.12 3.48 3.28	52.48 3.25 3.14	49.95 3.14 0.01	40.60 2.33 0.01	32.00 2.07 0.00	28.61 2.07 0.00
HUDSON AVE_GT_5 23657	21.32 1.63 0.00	17.57 1.36 0.00	16.92 1.21 0.00	16.17 1.14 0.00	17.47 1.23 0.00	21.83 1.33 0.00	27.13 1.46 0.00	28.73 1.52 0.00	27.28 1.45 0.00	23.89 1.46 0.00	24.43 1.51 0.00	24.26 1.61 0.00	25.34 1.66 0.00	26.83 1.78 0.00	29.10 2.03 0.00	30.69 2.29 -0.07	35.93 2.72 -0.42	44.68 3.30 1.41	52.12 3.48 3.28	52.48 3.25 3.14	49.95 3.14 0.01	40.60 2.33 0.01	32.00 2.07 0.00	28.61 2.07 0.00
HUDSON_AVE_10 24168	21.22 1.54 0.00	17.49 1.28 0.00	16.87 1.16 0.00	16.12 1.10 0.00	17.42 1.19 0.00	21.76 1.27 0.00	27.08 1.41 0.00	28.67 1.47 0.00	27.23 1.39 0.00	23.87 1.44 0.00	24.39 1.47 0.00	24.24 1.59 0.00	25.31 1.63 0.00	26.78 1.73 0.00	29.04 1.98 0.00	30.63 2.24 -0.07	35.86 2.66 -0.42	44.60 3.21 1.41	52.02 3.37 3.28	52.37 3.14 3.14	49.67 2.86 0.01	40.52 2.26 0.01	31.94 2.01 0.00	28.56 2.02 0.00
HUDSON___115KV_TB 4 355613	20.71 1.02 0.00	17.10 0.89 0.00	16.54 0.83 0.00	15.82 0.80 0.00	17.08 0.84 0.00	21.46 0.96 0.00	26.59 0.92 0.00	27.91 0.71 0.00	26.35 0.52 0.00	22.77 0.34 0.00	23.19 0.28 0.00	22.95 0.29 0.00	23.99 0.31 0.00	25.40 0.35 0.00	27.53 0.46 0.00	28.86 0.57 0.03	33.36 0.79 0.21	42.24 0.94 1.50	49.69 1.25 3.48	50.50 1.47 3.33	48.26 1.45 0.01	39.41 1.15 0.01	31.16 1.23 0.00	27.87 1.33 0.00
HUNTER MOUNT___DRP 323613	20.75 1.06 0.00	17.13 0.92 0.00	16.59 0.88 0.00	15.85 0.83 0.00	17.11 0.88 0.00	21.52 1.02 0.00	26.67 1.00 0.00	27.99 0.79 0.00	26.37 0.54 0.00	22.74 0.31 0.00	23.17 0.25 0.00	22.90 0.25 0.00	23.92 0.24 0.00	25.35 0.30 0.00	27.50 0.43 0.00	28.87 0.57 0.02	33.48 0.82 0.12	42.30 0.98 1.49	49.83 1.35 3.44	50.69 1.62 3.30	48.40 1.59 0.01	39.57 1.30 0.01	31.28 1.35 0.00	27.95 1.41 0.00
HUNTINGTON_RES_REC 323705	21.66 1.97 -0.01	17.84 1.62 -0.01	17.10 1.40 0.00	16.32 1.29 0.00	17.71 1.48 0.00	22.07 1.58 0.00	27.75 2.08 -0.01	29.42 2.20 -0.01	27.54 1.70 0.00	24.30 1.86 -0.01	24.81 1.88 -0.01	24.57 1.90 -0.01	25.68 1.99 -0.01	27.19 2.13 -0.01	28.43 1.33 -0.04	31.80 1.47 -2.00	40.87 1.90 -6.18	46.19 1.88 -1.51	56.92 2.18 -2.82	54.11 1.83 0.09	54.32 1.64 -5.87	40.16 1.07 -0.81	35.56 1.94 -3.68	28.67 1.54 -0.59
HUNTLEY___63 23557	18.76 -0.93 0.00	15.25 -0.96 0.00	14.89 -0.82 0.00	14.23 -0.80 0.00	15.03 -1.20 0.00	18.94 -1.56 0.00	23.46 -2.21 0.00	24.38 -2.83 0.00	24.02 -1.81 0.00	20.93 -1.50 0.00	21.38 -1.54 0.00	21.18 -1.47 0.00	22.19 -1.49 0.00	23.28 -1.78 0.00	25.44 -1.62 0.00	26.26 -2.07 0.00	30.39 -2.39 0.00	38.28 -2.91 1.61	45.07 -3.12 3.73	45.97 -2.83 3.57	44.14 -2.67 0.01	35.93 -2.33 0.01	28.53 -1.41 0.00	25.11 -1.43 0.00
HUNTLEY___64 23558	18.76 -0.93 0.00	15.25 -0.96 0.00	14.89 -0.82 0.00	14.23 -0.80 0.00	15.03 -1.20 0.00	18.94 -1.56 0.00	23.46 -2.21 0.00	24.38 -2.83 0.00	24.02 -1.81 0.00	20.93 -1.50 0.00	21.38 -1.54 0.00	21.18 -1.47 0.00	22.19 -1.49 0.00	23.28 -1.78 0.00	25.44 -1.62 0.00	26.26 -2.07 0.00	30.39 -2.39 0.00	38.28 -2.91 1.61	45.07 -3.12 3.73	45.97 -2.83 3.57	44.14 -2.67 0.01	35.93 -2.33 0.01	28.53 -1.41 0.00	25.11 -1.43 0.00
HUNTLEY___65 23559	18.76 -0.93 0.00	15.25 -0.96 0.00	14.89 -0.82 0.00	14.23 -0.80 0.00	15.03 -1.20 0.00	18.94 -1.56 0.00	23.46 -2.21 0.00	24.38 -2.83 0.00	24.02 -1.81 0.00	20.93 -1.50 0.00	21.38 -1.54 0.00	21.18 -1.47 0.00	22.19 -1.49 0.00	23.28 -1.78 0.00	25.44 -1.62 0.00	26.26 -2.07 0.00	30.39 -2.39 0.00	38.28 -2.91 1.61	45.07 -3.12 3.73	45.97 -2.83 3.57	44.14 -2.67 0.01	35.93 -2.33 0.01	28.53 -1.41 0.00	25.11 -1.43 0.00
HUNTLEY___66 23560	18.76 -0.93 0.00	15.25 -0.96 0.00	14.89 -0.82 0.00	14.23 -0.80 0.00	15.03 -1.20 0.00	18.94 -1.56 0.00	23.46 -2.21 0.00	24.38 -2.83 0.00	24.02 -1.81 0.00	20.93 -1.50 0.00	21.38 -1.54 0.00	21.18 -1.47 0.00	22.19 -1.49 0.00	23.28 -1.78 0.00	25.44 -1.62 0.00	26.26 -2.07 0.00	30.39 -2.39 0.00	38.28 -2.91 1.61	45.07 -3.12 3.73	45.97 -2.83 3.57	44.14 -2.67 0.01	35.93 -2.33 0.01	28.53 -1.41 0.00	25.11 -1.43 0.00
HUNTLEY___67 23561	18.74 -0.94 0.00	15.25 -0.96 0.00	14.87 -0.83 0.00	14.21 -0.81 0.00	15.05 -1.19 0.00	18.89 -1.60 0.00	23.49 -2.18 0.00	24.40 -2.80 0.00	24.05 -1.78 0.00	20.95 -1.48 0.00	21.41 -1.51 0.00	21.20 -1.45 0.00	22.19 -1.49 0.00	23.28 -1.78 0.00	25.42 -1.65 0.00	26.23 -2.10 0.00	30.36 -2.43 0.00	38.19 -3.00 1.61	44.96 -3.22 3.74	45.85 -2.93 3.59	44.05 -2.76 0.01	35.85 -2.41 0.01	28.47 -1.47 0.00	25.06 -1.49 0.00
HUNTLEY___68 23562	18.74 -0.94 0.00	15.25 -0.96 0.00	14.87 -0.83 0.00	14.21 -0.81 0.00	15.05 -1.19 0.00	18.89 -1.60 0.00	23.49 -2.18 0.00	24.40 -2.80 0.00	24.05 -1.78 0.00	20.95 -1.48 0.00	21.41 -1.51 0.00	21.20 -1.45 0.00	22.19 -1.49 0.00	23.28 -1.78 0.00	25.42 -1.65 0.00	26.23 -2.10 0.00	30.36 -2.43 0.00	38.19 -3.00 1.61	44.96 -3.22 3.74	45.85 -2.93 3.59	44.05 -2.76 0.01	35.85 -2.41 0.01	28.47 -1.47 0.00	25.06 -1.49 0.00



HYLAND___LFGE 323620	19.84 0.16 0.00	16.21 0.00 0.00	15.77 0.06 0.00	15.11 0.09 0.00	16.27 0.03 0.00	20.37 -0.12 0.00	25.41 -0.26 0.00	26.55 -0.65 0.00	25.32 -0.52 0.00	21.64 -0.79 0.00	22.05 -0.87 0.00	21.77 -0.88 0.00	22.73 -0.95 0.00	23.95 -1.10 0.00	26.04 -1.03 0.00	27.33 -0.99 0.00	30.59 -2.20 0.00	39.17 -2.14 1.50	47.04 -1.40 3.48	48.88 -0.16 3.33	47.05 0.24 0.01	38.49 0.23 0.01	30.86 0.93 0.00	26.97 0.42 0.00
INDECK___CORINTH 23802	20.83 1.14 0.00	17.16 0.96 0.00	16.62 0.91 0.00	15.90 0.87 0.00	17.19 0.96 0.00	21.87 1.37 0.00	27.18 1.51 0.00	28.62 1.41 0.00	27.02 1.19 0.00	23.35 0.92 0.00	23.79 0.87 0.00	23.51 0.86 0.00	24.56 0.88 0.00	26.06 1.00 0.00	28.29 1.22 0.00	28.81 0.54 0.06	33.22 0.79 0.35	42.22 0.99 1.56	49.54 1.24 3.62	50.00 1.10 3.47	47.89 1.08 0.01	39.07 0.81 0.01	30.80 0.87 0.00	28.29 1.75 0.00
INDECK___ILION 23567	19.98 0.30 0.00	16.45 0.24 0.00	15.93 0.22 0.00	15.23 0.21 0.00	16.46 0.23 0.00	20.72 0.23 0.00	25.80 0.13 0.00	27.20 0.00 0.00	25.81 -0.03 0.00	22.38 -0.04 0.00	22.83 -0.09 0.00	22.59 -0.07 0.00	23.58 -0.09 0.00	24.95 -0.10 0.00	26.96 -0.11 0.00	28.21 -0.11 0.00	32.72 -0.07 0.00	40.92 -0.04 1.83	47.72 0.05 4.25	48.40 0.10 4.07	46.85 0.05 0.01	38.30 0.04 0.01	30.12 0.18 0.00	26.91 0.37 0.00
INDECK___OLEAN 23982	19.02 -0.67 0.00	15.56 -0.65 0.00	15.13 -0.58 0.00	14.45 -0.57 0.00	15.49 -0.75 0.00	19.28 -1.21 0.00	23.95 -1.72 0.00	25.14 -2.07 0.00	24.77 -1.06 0.00	21.60 -0.83 0.00	22.09 -0.82 0.00	21.79 -0.86 0.00	22.83 -0.85 0.00	24.03 -1.03 0.00	26.20 -0.87 0.00	27.36 -0.96 0.00	31.47 -1.31 0.00	39.77 -1.46 1.58	46.80 -1.45 3.66	47.81 -1.05 3.51	45.69 -1.12 0.01	37.19 -1.07 0.01	29.19 -0.75 0.00	25.61 -0.93 0.00
INDECK___OSWEGO 23783	19.31 -0.37 0.00	15.90 -0.31 0.00	15.41 -0.30 0.00	14.75 -0.27 0.00	15.93 -0.31 0.00	20.00 -0.49 0.00	24.95 -0.72 0.00	26.36 -0.84 0.00	25.08 -0.75 0.00	21.73 -0.70 0.00	22.21 -0.71 0.00	21.91 -0.75 0.00	22.87 -0.81 0.00	24.23 -0.83 0.00	26.12 -0.95 0.00	27.33 -0.99 0.00	31.64 -1.15 0.00	42.01 -1.37 -0.58	51.75 -1.51 -1.34	52.18 -1.47 -1.28	45.51 -1.31 0.00	37.25 -1.03 0.00	29.25 -0.69 0.00	26.09 -0.45 0.00
INDECK___YERKES 23781	18.76 -0.92 0.00	15.30 -0.91 0.00	14.91 -0.80 0.00	14.23 -0.80 0.00	15.28 -0.96 0.00	18.93 -1.56 0.00	23.49 -2.18 0.00	24.37 -2.83 0.00	24.07 -1.76 0.00	20.95 -1.48 0.00	21.43 -1.49 0.00	21.20 -1.45 0.00	22.19 -1.49 0.00	23.30 -1.75 0.00	25.44 -1.62 0.00	26.60 -1.73 0.00	30.49 -2.30 0.00	38.45 -2.74 1.61	45.13 -3.06 3.73	46.13 -2.67 3.57	44.37 -2.44 0.01	36.27 -1.99 0.01	28.56 -1.38 0.00	25.32 -1.22 0.00
INDIAN POINT_GT_1 24139	21.10 1.42 0.00	17.37 1.17 0.00	16.76 1.05 0.00	16.02 0.99 0.00	17.32 1.09 0.00	21.64 1.15 0.00	26.92 1.26 0.00	28.48 1.28 0.00	27.02 1.19 0.00	23.62 1.19 0.00	24.11 1.19 0.00	23.94 1.29 0.00	25.00 1.33 0.00	26.48 1.43 0.00	28.72 1.65 0.00	30.24 1.84 -0.07	35.40 2.20 -0.41	44.09 2.70 1.41	51.51 2.86 3.27	51.96 2.72 3.13	49.34 2.53 0.01	40.25 1.99 0.01	31.76 1.83 0.00	28.40 1.86 0.00
INDIAN POINT_GT_2 23659	21.10 1.42 0.00	17.37 1.17 0.00	16.76 1.05 0.00	16.02 0.99 0.00	17.32 1.09 0.00	21.64 1.15 0.00	26.92 1.26 0.00	28.48 1.28 0.00	27.02 1.19 0.00	23.62 1.19 0.00	24.11 1.19 0.00	23.94 1.29 0.00	25.00 1.33 0.00	26.48 1.43 0.00	28.72 1.65 0.00	30.24 1.84 -0.07	35.40 2.20 -0.41	44.09 2.70 1.41	51.51 2.86 3.27	51.96 2.72 3.13	49.34 2.53 0.01	40.25 1.99 0.01	31.76 1.83 0.00	28.40 1.86 0.00
INDIAN POINT_GT_3 24019	21.10 1.42 0.00	17.37 1.17 0.00	16.76 1.05 0.00	16.02 0.99 0.00	17.32 1.09 0.00	21.64 1.15 0.00	26.92 1.26 0.00	28.48 1.28 0.00	27.02 1.19 0.00	23.62 1.19 0.00	24.11 1.19 0.00	23.94 1.29 0.00	25.00 1.33 0.00	26.48 1.43 0.00	28.72 1.65 0.00	30.24 1.84 -0.07	35.40 2.20 -0.41	44.09 2.70 1.41	51.51 2.86 3.27	51.96 2.72 3.13	49.34 2.53 0.01	40.25 1.99 0.01	31.76 1.83 0.00	28.40 1.86 0.00
INDIAN POINT___2 23530	21.06 1.38 0.00	17.34 1.13 0.00	16.74 1.04 0.00	16.00 0.98 0.00	17.24 1.01 0.00	21.62 1.13 0.00	26.90 1.23 0.00	28.46 1.25 0.00	27.00 1.16 0.00	23.60 1.17 0.00	24.11 1.19 0.00	23.92 1.27 0.00	24.98 1.30 0.00	26.46 1.40 0.00	28.69 1.62 0.00	30.15 1.76 -0.07	35.32 2.13 -0.40	44.01 2.61 1.40	51.47 2.80 3.25	51.92 2.67 3.12	49.20 2.39 0.01	40.06 1.80 0.01	31.70 1.77 0.00	28.32 1.78 0.00
INDIAN POINT___3 23531	21.08 1.40 0.00	17.36 1.15 0.00	16.74 1.04 0.00	16.00 0.98 0.00	17.31 1.07 0.00	21.62 1.13 0.00	26.92 1.26 0.00	28.46 1.25 0.00	26.99 1.16 0.00	23.60 1.17 0.00	24.09 1.17 0.00	23.92 1.27 0.00	24.98 1.30 0.00	26.46 1.40 0.00	28.66 1.60 0.00	30.21 1.81 -0.07	35.33 2.13 -0.41	44.00 2.61 1.41	51.46 2.80 3.27	51.91 2.67 3.13	49.29 2.48 0.01	40.22 1.95 0.01	31.70 1.77 0.00	28.37 1.83 0.00
INGHAM_C_115KV_TB7 356103	19.94 0.26 0.00	16.43 0.23 0.00	15.91 0.20 0.00	15.22 0.20 0.00	16.45 0.21 0.00	20.72 0.23 0.00	25.77 0.10 0.00	27.15 -0.05 0.00	25.75 -0.08 0.00	22.34 -0.09 0.00	22.78 -0.14 0.00	22.52 -0.14 0.00	23.54 -0.14 0.00	24.90 -0.15 0.00	26.90 -0.16 0.00	28.13 -0.20 0.00	32.62 -0.16 0.00	40.84 -0.13 1.83	47.62 -0.05 4.25	48.35 0.05 4.07	46.76 -0.05 0.01	38.26 0.00 0.01	30.09 0.15 0.00	26.86 0.32 0.00
IP CORINTH___1 23988	20.83 1.14 0.00	17.16 0.96 0.00	16.62 0.91 0.00	15.90 0.87 0.00	17.21 0.97 0.00	21.87 1.37 0.00	27.18 1.51 0.00	28.62 1.41 0.00	27.02 1.19 0.00	23.35 0.92 0.00	23.81 0.89 0.00	23.51 0.86 0.00	24.55 0.88 0.00	26.06 1.00 0.00	28.26 1.19 0.00	28.95 0.68 0.06	33.42 0.98 0.35	42.48 1.24 1.56	49.86 1.56 3.62	50.26 1.36 3.47	48.17 1.36 0.01	39.22 0.96 0.01	30.92 0.99 0.00	28.29 1.75 0.00
IP___TICONDEROGA 23804	21.36 1.67 0.00	17.62 1.41 0.00	17.07 1.37 0.00	16.33 1.31 0.00	17.73 1.49 0.00	22.56 2.07 0.00	27.93 2.26 0.00	29.30 2.09 0.00	27.59 1.76 0.00	23.73 1.30 0.00	24.18 1.26 0.00	23.83 1.18 0.00	24.91 1.23 0.00	26.43 1.38 0.00	28.80 1.73 0.00	29.66 1.39 0.06	34.33 1.90 0.36	43.94 2.70 1.56	51.78 3.48 3.62	52.67 3.77 3.47	50.32 3.51 0.01	40.94 2.68 0.01	32.18 2.25 0.00	29.22 2.68 0.00
ISLIP_RES_REC 323679	21.70 2.01 -0.01	17.87 1.65 -0.01	17.14 1.43 0.00	16.35 1.32 0.00	17.76 1.53 0.00	22.11 1.62 0.00	27.88 2.21 -0.01	29.55 2.34 -0.01	27.59 1.76 0.00	24.37 1.93 -0.01	24.85 1.93 -0.01	24.57 1.90 -0.01	25.68 1.99 -0.01	27.19 2.13 -0.01	29.44 2.33 -0.04	34.55 2.41 -3.82	40.80 2.95 -5.06	46.28 3.30 -0.18	57.76 3.79 -2.05	55.10 3.61 0.88	53.24 3.23 -3.19	42.22 2.37 -1.57	37.37 2.63 -4.80	30.11 2.44 -1.13

JAMAICA__27_KV_LOAD 355505	21.30 1.61 0.00	17.54 1.33 0.00	16.92 1.21 0.00	16.17 1.14 0.00	17.47 1.23 0.00	21.83 1.33 0.00	27.18 1.51 0.00	28.81 1.61 0.00	27.36 1.52 0.00	24.00 1.57 0.00	24.55 1.63 0.00	24.42 1.77 0.00	25.45 1.78 0.00	26.93 1.88 0.00	29.23 2.17 0.00	30.77 2.38 -0.07	36.02 2.82 -0.42	44.85 3.47 1.41	52.33 3.69 3.28	52.69 3.46 3.14	49.95 3.14 0.01	40.75 2.49 0.01	32.15 2.22 0.00	28.69 2.15 0.00
JANIS__SOLAR 323808	20.35 0.67 0.00	16.77 0.57 0.00	16.22 0.52 0.00	15.55 0.53 0.00	16.82 0.58 0.00	21.17 0.68 0.00	26.31 0.64 0.00	27.78 0.57 0.00	26.04 0.21 0.00	22.45 0.02 0.00	22.80 -0.11 0.00	22.50 -0.16 0.00	23.49 -0.19 0.00	24.88 -0.17 0.00	27.09 0.03 0.00	28.47 0.14 0.00	33.15 0.36 0.00	42.43 1.03 1.40	50.81 2.13 3.24	51.78 2.51 3.10	48.92 2.11 0.01	39.99 1.72 0.01	31.22 1.29 0.00	27.58 1.03 0.00
JARVIS____ 23743	19.94 0.26 0.00	16.43 0.23 0.00	15.91 0.20 0.00	15.22 0.19 0.00	16.44 0.21 0.00	20.68 0.18 0.00	25.72 0.05 0.00	27.15 -0.05 0.00	25.78 -0.05 0.00	22.36 -0.07 0.00	22.83 -0.09 0.00	22.56 -0.09 0.00	23.58 -0.09 0.00	24.93 -0.12 0.00	26.96 -0.11 0.00	28.19 -0.14 0.00	32.66 -0.13 0.00	40.84 -0.13 1.83	47.56 -0.10 4.25	48.24 -0.05 4.07	46.71 -0.09 0.01	38.19 -0.08 0.01	30.09 0.15 0.00	26.89 0.34 0.00
JENNISON____1 23625	20.47 0.79 0.00	16.87 0.66 0.00	16.32 0.61 0.00	15.64 0.62 0.00	16.88 0.65 0.00	21.29 0.80 0.00	26.41 0.74 0.00	27.88 0.68 0.00	26.25 0.41 0.00	22.70 0.27 0.00	23.08 0.16 0.00	22.81 0.16 0.00	23.82 0.14 0.00	25.25 0.20 0.00	27.47 0.41 0.00	28.84 0.51 0.00	33.54 0.75 0.00	42.61 1.33 1.51	50.70 2.28 3.51	51.58 2.57 3.36	48.87 2.06 0.01	39.95 1.68 0.01	31.22 1.29 0.00	27.63 1.09 0.00
JENNISON____2 23626	20.47 0.79 0.00	16.87 0.66 0.00	16.32 0.61 0.00	15.64 0.62 0.00	16.88 0.65 0.00	21.29 0.80 0.00	26.41 0.74 0.00	27.88 0.68 0.00	26.25 0.41 0.00	22.70 0.27 0.00	23.08 0.16 0.00	22.81 0.16 0.00	23.82 0.14 0.00	25.25 0.20 0.00	27.47 0.41 0.00	28.84 0.51 0.00	33.54 0.75 0.00	42.61 1.33 1.51	50.70 2.28 3.51	51.58 2.57 3.36	48.87 2.06 0.01	39.95 1.68 0.01	31.22 1.29 0.00	27.63 1.09 0.00
JERICOHO_RISE_WT_PWR 323719	19.51 -0.18 0.00	16.05 -0.16 0.00	15.58 -0.13 0.00	14.90 -0.12 0.00	16.14 -0.10 0.00	20.47 -0.02 0.00	25.85 0.18 0.00	27.59 0.38 0.00	26.19 0.36 0.00	22.74 0.31 0.00	23.28 0.37 0.00	23.01 0.36 0.00	24.08 0.40 0.00	25.48 0.43 0.00	27.50 0.43 0.00	28.81 0.48 0.00	33.31 0.52 0.00	43.06 0.73 0.47	51.72 0.88 1.09	52.16 0.84 1.04	47.47 0.66 0.00	38.77 0.50 0.00	29.94 0.00 0.00	26.20 -0.35 0.00
KATONAH__115KV_46KV_TB4 355592	21.16 1.48 0.00	17.42 1.22 0.00	16.81 1.10 0.00	16.08 1.05 0.00	17.39 1.15 0.00	21.74 1.25 0.00	27.05 1.39 0.00	28.59 1.39 0.00	27.10 1.27 0.00	23.66 1.23 0.00	24.18 1.26 0.00	23.99 1.34 0.00	25.08 1.40 0.00	26.56 1.50 0.00	28.83 1.76 0.00	30.35 1.95 -0.07	35.51 2.30 -0.42	44.25 2.87 1.42	51.75 3.12 3.29	52.15 2.93 3.15	49.57 2.76 0.01	40.45 2.18 0.01	31.91 1.98 0.00	28.53 1.99 0.00
KCE_NY_1 323755	20.87 1.18 0.00	17.18 0.97 0.00	16.63 0.93 0.00	15.91 0.89 0.00	17.19 0.96 0.00	21.70 1.21 0.00	26.98 1.31 0.00	28.35 1.14 0.00	26.76 0.93 0.00	23.17 0.74 0.00	23.61 0.69 0.00	23.33 0.68 0.00	24.39 0.71 0.00	25.83 0.78 0.00	28.01 0.95 0.00	29.09 0.82 0.06	33.53 1.12 0.37	42.70 1.46 1.56	50.12 1.82 3.62	50.84 1.94 3.46	48.68 1.87 0.01	39.75 1.49 0.01	31.37 1.44 0.00	28.24 1.70 0.00
KCE_NY_6_ESR 323823	18.94 -0.75 0.00	15.45 -0.76 0.00	15.03 -0.67 0.00	14.36 -0.66 0.00	15.41 -0.83 0.00	19.12 -1.37 0.00	23.74 -1.93 0.00	24.70 -2.50 0.00	24.36 -1.47 0.00	21.22 -1.21 0.00	21.70 -1.22 0.00	21.47 -1.18 0.00	22.47 -1.21 0.00	23.63 -1.43 0.00	25.79 -1.27 0.00	26.97 -1.36 0.00	30.92 -1.87 0.00	39.06 -2.14 1.60	45.87 -2.34 3.72	46.87 -1.94 3.56	44.98 -1.83 0.01	36.73 -1.53 0.01	28.89 -1.05 0.00	25.51 -1.04 0.00
KEDC_PORT_JEFF_GT2 24210	21.60 1.91 -0.01	17.79 1.57 -0.01	17.07 1.37 0.00	16.29 1.26 0.00	17.68 1.44 0.00	22.03 1.54 0.00	27.75 2.08 -0.01	29.39 2.18 -0.01	27.49 1.65 0.00	24.25 1.82 -0.01	24.72 1.79 -0.01	24.45 1.79 -0.01	25.56 1.87 -0.01	27.04 1.98 -0.01	29.19 2.08 -0.04	34.26 2.18 -3.75	40.48 2.69 -5.01	45.88 2.87 -0.21	57.28 3.33 -2.03	54.63 3.14 0.88	52.82 2.76 -3.24	41.88 2.07 -1.54	37.07 2.40 -4.74	29.88 2.23 -1.10
KEDC_PORT_JEFF_GT3 24211	21.60 1.91 -0.01	17.79 1.57 -0.01	17.07 1.37 0.00	16.29 1.26 0.00	17.68 1.44 0.00	22.03 1.54 0.00	27.75 2.08 -0.01	29.39 2.18 -0.01	27.49 1.65 0.00	24.25 1.82 -0.01	24.72 1.79 -0.01	24.45 1.79 -0.01	25.56 1.87 -0.01	27.04 1.98 -0.01	29.19 2.08 -0.04	34.26 2.18 -3.75	40.48 2.69 -5.01	45.88 2.87 -0.21	57.28 3.33 -2.03	54.63 3.14 0.88	52.82 2.76 -3.24	41.88 2.07 -1.54	37.07 2.40 -4.74	29.88 2.23 -1.10
KEDC_GLWD_GT4 24219	21.44 1.73 -0.02	17.65 1.43 -0.02	17.00 1.29 0.00	16.24 1.22 0.00	17.55 1.31 0.00	21.95 1.46 0.00	27.38 1.69 -0.02	28.94 1.71 -0.02	27.41 1.58 0.00	24.04 1.59 -0.02	24.56 1.63 -0.02	24.34 1.68 -0.02	25.42 1.73 -0.02	26.92 1.85 -0.02	29.30 2.08 -0.15	45.87 2.21 -15.33	48.74 2.52 -13.43	50.54 3.04 -4.70	62.87 3.27 -7.68	58.22 3.14 -2.71	61.88 2.81 -12.25	46.86 2.18 -6.41	45.93 2.16 -13.84	33.35 2.23 -4.57
KEDC_GLWD_GT5 24220	21.44 1.73 -0.02	17.65 1.43 -0.02	17.00 1.29 0.00	16.24 1.22 0.00	17.55 1.31 0.00	21.95 1.46 0.00	27.38 1.69 -0.02	28.94 1.71 -0.02	27.41 1.58 0.00	24.04 1.59 -0.02	24.56 1.63 -0.02	24.34 1.68 -0.02	25.42 1.73 -0.02	26.92 1.85 -0.02	29.30 2.08 -0.15	45.87 2.21 -15.33	48.74 2.52 -13.43	50.54 3.04 -4.70	62.87 3.27 -7.68	58.22 3.14 -2.71	61.88 2.81 -12.25	46.86 2.18 -6.41	45.93 2.16 -13.84	33.35 2.23 -4.57
KENSICO____ 23655	21.16 1.48 0.00	17.42 1.22 0.00	16.81 1.10 0.00	16.06 1.04 0.00	17.35 1.12 0.00	21.70 1.21 0.00	27.00 1.33 0.00	28.56 1.36 0.00	27.10 1.27 0.00	23.69 1.26 0.00	24.20 1.28 0.00	24.04 1.38 0.00	25.10 1.42 0.00	26.58 1.53 0.00	28.80 1.73 0.00	30.35 1.95 -0.07	35.50 2.30 -0.42	44.21 2.82 1.41	51.66 3.01 3.27	52.11 2.88 3.14	49.48 2.67 0.01	40.33 2.07 0.01	31.82 1.89 0.00	28.48 1.94 0.00
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	21.10 1.42 0.00	17.39 1.18 0.00	16.81 1.10 0.00	16.05 1.02 0.00	17.34 1.10 0.00	21.70 1.21 0.00	27.08 1.41 0.00	28.62 1.41 0.00	27.10 1.27 0.00	23.55 1.12 0.00	24.02 1.10 0.00	23.85 1.20 0.00	24.98 1.30 0.00	26.51 1.45 0.00	28.77 1.71 0.00	30.30 1.93 -0.05	35.44 2.36 -0.29	44.63 3.21 1.38	52.41 3.69 3.19	52.98 3.67 3.06	50.18 3.37 0.01	40.98 2.72 0.01	32.18 2.25 0.00	28.67 2.12 0.00

KIAC_JFK_GT1 23816	21.20 1.52 0.00	17.46 1.25 0.00	16.84 1.13 0.00	16.09 1.07 0.00	17.39 1.15 0.00	21.72 1.23 0.00	27.05 1.39 0.00	28.67 1.47 0.00	27.23 1.39 0.00	23.89 1.46 0.00	24.43 1.51 0.00	24.28 1.63 0.00	25.34 1.66 0.00	26.81 1.75 0.00	29.07 2.00 0.00	30.52 2.12 -0.07	35.73 2.52 -0.42	44.43 3.04 1.41	51.81 3.17 3.28	52.16 2.93 3.14	49.48 2.67 0.01	40.37 2.11 0.01	31.97 2.04 0.00	28.53 1.99 0.00
KIAC_JFK_GT2 23817	21.20 1.52 0.00	17.46 1.25 0.00	16.84 1.13 0.00	16.09 1.07 0.00	17.39 1.15 0.00	21.72 1.23 0.00	27.05 1.39 0.00	28.67 1.47 0.00	27.23 1.39 0.00	23.89 1.46 0.00	24.43 1.51 0.00	24.28 1.63 0.00	25.34 1.66 0.00	26.81 1.75 0.00	29.07 2.00 0.00	30.52 2.12 -0.07	35.73 2.52 -0.42	44.43 3.04 1.41	51.81 3.17 3.28	52.16 2.93 3.14	49.48 2.67 0.01	40.37 2.11 0.01	31.97 2.04 0.00	28.53 1.99 0.00
KIAC_JFK____ 323774	21.20 1.52 0.00	17.44 1.23 0.00	16.84 1.13 0.00	16.09 1.07 0.00	17.32 1.09 0.00	21.72 1.23 0.00	27.05 1.39 0.00	28.67 1.47 0.00	27.23 1.39 0.00	23.89 1.46 0.00	24.43 1.51 0.00	24.29 1.63 0.00	25.34 1.66 0.00	26.81 1.75 0.00	29.07 2.00 0.00	30.44 2.04 -0.07	35.70 2.49 -0.42	44.38 3.00 1.41	51.81 3.17 3.28	52.16 2.93 3.14	49.38 2.57 0.01	40.22 1.95 0.01	31.94 2.01 0.00	28.48 1.94 0.00
KINTIGH__24_KV_GSU 356498	18.78 -0.91 0.00	15.33 -0.88 0.00	14.91 -0.80 0.00	14.26 -0.77 0.00	15.34 -0.89 0.00	19.04 -1.45 0.00	23.69 -1.98 0.00	24.68 -2.53 0.00	24.15 -1.68 0.00	20.97 -1.46 0.00	21.45 -1.47 0.00	21.23 -1.43 0.00	22.19 -1.49 0.00	23.33 -1.73 0.00	25.39 -1.68 0.00	26.51 -1.81 0.00	30.43 -2.36 0.00	38.29 -2.87 1.64	44.88 -3.22 3.82	45.83 -2.88 3.66	44.23 -2.58 0.01	36.20 -2.07 0.01	28.56 -1.38 0.00	25.35 -1.19 0.00
KINTIGH____ 23543	18.78 -0.91 0.00	15.30 -0.91 0.00	14.91 -0.80 0.00	14.26 -0.77 0.00	15.15 -1.09 0.00	19.04 -1.46 0.00	23.69 -1.98 0.00	24.67 -2.53 0.00	24.15 -1.68 0.00	20.97 -1.46 0.00	21.43 -1.49 0.00	21.23 -1.43 0.00	22.19 -1.49 0.00	23.30 -1.75 0.00	25.39 -1.68 0.00	26.26 -2.07 0.00	30.39 -2.39 0.00	38.16 -3.00 1.64	44.88 -3.22 3.82	45.73 -2.98 3.66	44.09 -2.72 0.01	35.93 -2.33 0.01	28.53 -1.41 0.00	25.21 -1.33 0.00
KNTFSRNC_46_KV_46KV_LOAD 80397	19.88 0.20 0.00	16.30 0.10 0.00	15.85 0.14 0.00	15.14 0.12 0.00	16.36 0.13 0.00	20.74 0.25 0.00	26.28 0.62 0.00	28.10 0.90 0.00	26.66 0.83 0.00	23.10 0.67 0.00	23.68 0.76 0.00	23.40 0.75 0.00	24.51 0.83 0.00	25.93 0.88 0.00	27.96 0.89 0.00	29.38 1.05 0.00	33.97 1.18 0.00	44.04 1.71 0.47	53.01 2.18 1.09	53.37 2.04 1.04	48.50 1.69 0.00	39.57 1.30 0.00	30.47 0.54 0.00	26.59 0.05 0.00
LACHUTE____HYDRO 323717	21.36 1.67 0.00	17.62 1.41 0.00	17.07 1.37 0.00	16.33 1.31 0.00	17.71 1.48 0.00	22.56 2.07 0.00	27.93 2.26 0.00	29.30 2.09 0.00	27.59 1.76 0.00	23.73 1.30 0.00	24.18 1.26 0.00	23.83 1.18 0.00	24.91 1.23 0.00	26.43 1.38 0.00	28.80 1.73 0.00	29.66 1.39 0.06	34.33 1.90 0.36	43.94 2.70 1.56	51.78 3.48 3.62	52.67 3.77 3.47	50.27 3.46 0.01	41.06 2.79 0.01	32.21 2.27 0.00	29.22 2.68 0.00
LAWRNCV_115KV_TB1 80681	19.15 -0.53 0.00	15.77 -0.44 0.00	15.30 -0.41 0.00	14.65 -0.38 0.00	15.89 -0.34 0.00	20.23 -0.27 0.00	25.46 -0.21 0.00	27.23 0.03 0.00	25.78 -0.05 0.00	22.34 -0.09 0.00	22.80 -0.11 0.00	22.54 -0.11 0.00	23.58 -0.09 0.00	24.98 -0.08 0.00	26.93 -0.14 0.00	28.30 -0.03 0.00	32.72 -0.07 0.00	42.24 0.04 0.61	50.61 0.10 1.41	51.17 0.16 1.35	46.77 -0.05 0.00	38.38 0.11 0.00	29.49 -0.45 0.00	25.75 -0.80 0.00
LEDERLE____ 23769	21.12 1.44 0.00	17.39 1.18 0.00	16.79 1.08 0.00	16.05 1.02 0.00	17.34 1.10 0.00	21.68 1.19 0.00	27.00 1.33 0.00	28.54 1.33 0.00	27.10 1.27 0.00	23.66 1.23 0.00	24.16 1.24 0.00	23.99 1.34 0.00	25.05 1.37 0.00	26.56 1.50 0.00	28.80 1.73 0.00	30.35 1.95 -0.06	35.48 2.30 -0.40	44.27 2.87 1.40	51.79 3.12 3.24	52.25 2.98 3.10	49.57 2.76 0.01	40.41 2.14 0.01	31.85 1.92 0.00	28.45 1.91 0.00
LIGHTHSE_115KV_TB6 355974	19.55 -0.14 0.00	16.09 -0.11 0.00	15.60 -0.11 0.00	14.93 -0.09 0.00	16.14 -0.10 0.00	20.31 -0.18 0.00	25.23 -0.44 0.00	26.69 -0.52 0.00	25.34 -0.49 0.00	21.91 -0.52 0.00	22.35 -0.57 0.00	22.09 -0.57 0.00	23.06 -0.62 0.00	24.43 -0.63 0.00	26.36 -0.70 0.00	27.56 -0.76 0.00	31.93 -0.85 0.00	41.56 -0.90 0.35	50.49 -0.62 0.80	51.18 -0.42 0.77	46.44 -0.37 0.00	38.00 -0.27 0.00	29.79 -0.15 0.00	26.46 -0.08 0.00
LINDEN COGEN____ 23786	16.54 1.48 4.62	15.93 1.20 1.48	15.77 1.08 1.02	14.86 1.02 1.19	14.73 1.05 2.56	17.03 1.17 4.63	18.54 1.28 8.41	19.71 1.31 8.80	20.63 1.27 6.47	19.61 1.32 4.14	19.37 1.35 4.90	19.29 1.45 4.81	21.45 1.49 3.72	21.63 1.58 5.00	22.90 1.84 6.01	24.62 2.04 5.75	24.87 2.46 10.38	27.66 2.91 18.05	27.94 3.01 26.99	31.45 2.83 23.74	28.65 2.48 20.65	25.87 1.84 14.24	31.79 1.86 0.00	28.37 1.83 0.00
LINDHRST_69_KV_BK1 356055	21.70 2.01 -0.01	17.89 1.67 -0.01	17.17 1.46 0.00	16.39 1.37 0.00	17.83 1.59 0.00	22.17 1.68 0.00	27.78 2.10 -0.01	29.39 2.18 -0.01	27.67 1.83 0.00	24.32 1.88 -0.01	24.83 1.90 -0.01	24.59 1.93 -0.01	25.68 1.99 -0.01	27.17 2.10 -0.01	29.49 2.35 -0.07	37.37 2.75 -6.29	42.65 3.11 -6.75	47.61 3.72 -1.08	59.04 4.10 -3.02	56.24 4.08 0.21	55.56 3.75 -4.99	43.95 3.06 -2.61	39.38 2.81 -6.63	31.04 2.63 -1.87
LIPA_MISC_IPP 23656	21.45 1.75 -0.01	17.69 1.47 -0.01	16.95 1.24 0.00	16.18 1.16 0.00	17.61 1.38 0.00	21.91 1.41 0.00	27.65 1.98 -0.01	29.28 2.07 -0.01	27.30 1.47 0.00	24.12 1.68 -0.01	24.55 1.63 -0.01	24.25 1.59 -0.01	25.35 1.66 -0.01	26.82 1.75 -0.01	29.05 1.95 -0.04	34.02 2.35 -3.34	40.30 2.75 -4.76	45.93 3.17 0.04	57.22 3.43 -1.88	54.90 3.56 1.03	52.61 3.04 -2.74	42.17 2.53 -1.37	36.80 2.39 -4.47	29.73 2.20 -0.98
LISF____SOLAR 323691	21.49 1.79 -0.01	17.69 1.47 -0.01	16.96 1.26 0.00	16.20 1.17 0.00	17.60 1.36 0.00	21.93 1.43 0.00	27.68 2.00 -0.01	29.34 2.12 -0.01	27.30 1.47 0.00	24.14 1.70 -0.01	24.58 1.65 -0.01	24.27 1.61 -0.01	25.37 1.68 -0.01	26.84 1.78 -0.01	29.08 1.97 -0.04	33.81 2.07 -3.42	40.15 2.56 -4.81	45.55 2.74 0.00	56.99 3.17 -1.91	54.40 3.04 1.00	52.32 2.67 -2.83	41.66 1.99 -1.40	36.76 2.31 -4.52	29.78 2.23 -1.01
LITTLE FALLS____HYD 24013	19.94 0.26 0.00	16.43 0.23 0.00	15.91 0.20 0.00	15.22 0.20 0.00	16.45 0.21 0.00	20.72 0.23 0.00	25.77 0.10 0.00	27.15 -0.05 0.00	25.75 -0.08 0.00	22.34 -0.09 0.00	22.78 -0.14 0.00	22.52 -0.14 0.00	23.54 -0.14 0.00	24.90 -0.15 0.00	26.90 -0.16 0.00	28.13 -0.20 0.00	32.62 -0.16 0.00	40.84 -0.13 1.83	47.62 -0.05 4.25	48.35 0.05 4.07	46.76 -0.05 0.01	38.26 0.00 0.01	30.09 0.15 0.00	26.86 0.32 0.00

LITTLRIV_115KV_TB1 356100	19.37 -0.31 0.00	15.96 -0.24 0.00	15.47 -0.24 0.00	14.83 -0.20 0.00	16.12 -0.11 0.00	20.58 0.08 0.00	25.85 0.18 0.00	27.67 0.46 0.00	26.12 0.28 0.00	22.59 0.16 0.00	23.06 0.14 0.00	22.77 0.11 0.00	23.82 0.14 0.00	25.25 0.20 0.00	27.23 0.16 0.00	28.61 0.28 0.00	33.15 0.36 0.00	42.87 0.68 0.62	51.57 1.09 1.44	52.25 1.26 1.38	47.75 0.94 0.00	39.15 0.88 0.00	30.00 0.06 0.00	26.09 -0.45 0.00
LI_NEWBRDGE___DRP 323616	21.35 1.65 -0.01	17.63 1.41 -0.01	16.95 1.24 0.00	16.18 1.16 0.00	17.57 1.33 0.00	21.89 1.39 0.00	27.37 1.69 -0.01	28.85 1.63 -0.01	27.30 1.47 0.00	23.99 1.55 -0.01	24.46 1.54 -0.01	24.22 1.56 -0.01	25.27 1.59 -0.01	26.77 1.70 -0.01	28.97 1.89 -0.01	31.25 2.27 -0.65	38.31 2.49 -3.04	44.54 2.91 1.17	55.91 3.06 -0.92	53.61 3.04 1.79	50.14 2.86 -0.46	40.81 2.30 -0.24	34.73 2.22 -2.58	28.90 2.18 -0.18
LOCKPORT_115KV_TB60_63_64 80432	18.72 -0.96 0.00	15.24 -0.97 0.00	14.89 -0.82 0.00	14.23 -0.80 0.00	15.03 -1.20 0.00	18.79 -1.70 0.00	23.41 -2.26 0.00	24.27 -2.94 0.00	23.89 -1.94 0.00	20.79 -1.64 0.00	21.22 -1.70 0.00	21.02 -1.63 0.00	22.02 -1.66 0.00	23.10 -1.95 0.00	25.23 -1.84 0.00	26.03 -2.29 0.00	30.13 -2.66 0.00	37.95 -3.25 1.60	44.67 -3.53 3.72	45.56 -3.25 3.56	43.91 -2.90 0.01	35.74 -2.53 0.01	28.38 -1.56 0.00	24.98 -1.57 0.00
LOCKPORT___CC1 323769	18.72 -0.96 0.00	15.27 -0.94 0.00	14.89 -0.82 0.00	14.23 -0.80 0.00	15.28 -0.96 0.00	18.92 -1.58 0.00	23.36 -2.31 0.00	24.29 -2.91 0.00	23.95 -1.88 0.00	20.79 -1.64 0.00	21.27 -1.65 0.00	21.05 -1.61 0.00	22.02 -1.66 0.00	23.13 -1.93 0.00	25.22 -1.84 0.00	26.37 -1.95 0.00	30.20 -2.59 0.00	38.12 -3.08 1.60	44.67 -3.53 3.72	45.72 -3.09 3.56	44.05 -2.76 0.01	36.04 -2.22 0.01	28.41 -1.53 0.00	25.19 -1.35 0.00
LOCKPORT___CC2 323770	18.72 -0.96 0.00	15.27 -0.94 0.00	14.89 -0.82 0.00	14.23 -0.80 0.00	15.28 -0.96 0.00	18.92 -1.58 0.00	23.36 -2.31 0.00	24.29 -2.91 0.00	23.95 -1.88 0.00	20.79 -1.64 0.00	21.27 -1.65 0.00	21.05 -1.61 0.00	22.02 -1.66 0.00	23.13 -1.93 0.00	25.22 -1.84 0.00	26.37 -1.95 0.00	30.20 -2.59 0.00	38.12 -3.08 1.60	44.67 -3.53 3.72	45.72 -3.09 3.56	44.05 -2.76 0.01	36.04 -2.22 0.01	28.41 -1.53 0.00	25.19 -1.35 0.00
LOCKPORT___CC3 323771	18.72 -0.96 0.00	15.27 -0.94 0.00	14.89 -0.82 0.00	14.23 -0.80 0.00	15.28 -0.96 0.00	18.92 -1.58 0.00	23.36 -2.31 0.00	24.29 -2.91 0.00	23.95 -1.88 0.00	20.79 -1.64 0.00	21.27 -1.65 0.00	21.05 -1.61 0.00	22.02 -1.66 0.00	23.13 -1.93 0.00	25.22 -1.84 0.00	26.37 -1.95 0.00	30.20 -2.59 0.00	38.12 -3.08 1.60	44.67 -3.53 3.72	45.72 -3.09 3.56	44.05 -2.76 0.01	36.04 -2.22 0.01	28.41 -1.53 0.00	25.19 -1.35 0.00
LOCUSVLY_69_KV_BK2 55797	21.53 1.83 -0.02	17.75 1.52 -0.01	17.06 1.35 0.00	16.30 1.28 0.00	17.68 1.44 0.00	22.03 1.54 0.00	27.50 1.82 -0.01	29.07 1.85 -0.02	27.51 1.68 0.00	24.15 1.70 -0.01	24.67 1.74 -0.01	24.46 1.79 -0.01	25.54 1.85 -0.01	27.05 1.98 -0.01	29.41 2.22 -0.13	43.15 2.49 -12.33	46.86 2.85 -11.22	49.73 3.42 -3.50	61.76 3.69 -6.16	57.73 3.61 -1.75	60.03 3.37 -9.84	46.06 2.64 -5.15	43.82 2.42 -11.46	32.63 2.42 -3.68
LONG_LAKE_PHOENIX 24014	19.33 -0.35 0.00	15.92 -0.29 0.00	15.42 -0.28 0.00	14.77 -0.26 0.00	15.91 -0.32 0.00	20.02 -0.47 0.00	24.97 -0.69 0.00	26.39 -0.82 0.00	25.11 -0.72 0.00	21.78 -0.65 0.00	22.23 -0.69 0.00	21.93 -0.72 0.00	22.92 -0.76 0.00	24.25 -0.80 0.00	26.17 -0.89 0.00	27.36 -0.96 0.00	31.71 -1.08 0.00	41.66 -1.28 -0.14	50.89 -1.35 -0.32	51.36 -1.31 -0.31	45.65 -1.17 0.00	37.32 -0.96 0.00	29.34 -0.60 0.00	26.14 -0.40 0.00
LOVETT___3 23632	21.06 1.38 0.00	17.36 1.15 0.00	16.74 1.04 0.00	16.00 0.98 0.00	17.31 1.07 0.00	21.62 1.13 0.00	26.90 1.23 0.00	28.46 1.25 0.00	26.99 1.16 0.00	23.60 1.17 0.00	24.11 1.19 0.00	23.92 1.27 0.00	24.98 1.30 0.00	26.46 1.40 0.00	28.69 1.62 0.00	30.21 1.81 -0.07	35.35 2.16 -0.40	44.05 2.65 1.40	51.53 2.86 3.25	51.98 2.72 3.11	49.34 2.53 0.01	40.18 1.91 0.01	31.70 1.77 0.00	28.35 1.80 0.00
LOVETT___4 23642	21.06 1.38 0.00	17.36 1.15 0.00	16.74 1.04 0.00	16.00 0.98 0.00	17.31 1.07 0.00	21.62 1.13 0.00	26.90 1.23 0.00	28.46 1.25 0.00	26.99 1.16 0.00	23.60 1.17 0.00	24.11 1.19 0.00	23.92 1.27 0.00	24.98 1.30 0.00	26.46 1.40 0.00	28.69 1.62 0.00	30.21 1.81 -0.07	35.35 2.16 -0.40	44.05 2.65 1.40	51.53 2.86 3.25	51.98 2.72 3.11	49.34 2.53 0.01	40.18 1.91 0.01	31.70 1.77 0.00	28.35 1.80 0.00
LOVETT___5 23593	21.06 1.38 0.00	17.36 1.15 0.00	16.74 1.04 0.00	16.00 0.98 0.00	17.31 1.07 0.00	21.62 1.13 0.00	26.90 1.23 0.00	28.46 1.25 0.00	26.99 1.16 0.00	23.60 1.17 0.00	24.11 1.19 0.00	23.92 1.27 0.00	24.98 1.30 0.00	26.46 1.40 0.00	28.69 1.62 0.00	30.21 1.81 -0.07	35.35 2.16 -0.40	44.05 2.65 1.40	51.53 2.86 3.25	51.98 2.72 3.11	49.34 2.53 0.01	40.18 1.91 0.01	31.70 1.77 0.00	28.35 1.80 0.00
LOWER RAQUET___HYD 24057	19.05 -0.63 0.00	15.67 -0.53 0.00	15.20 -0.50 0.00	14.56 -0.47 0.00	15.81 -0.42 0.00	20.14 -0.35 0.00	25.31 -0.36 0.00	27.12 -0.08 0.00	25.65 -0.18 0.00	22.21 -0.22 0.00	22.67 -0.25 0.00	22.38 -0.27 0.00	23.44 -0.24 0.00	24.83 -0.23 0.00	26.77 -0.30 0.00	28.10 -0.23 0.00	32.52 -0.26 0.00	41.99 -0.17 0.64	50.33 -0.10 1.49	50.94 0.00 1.42	46.63 -0.19 0.00	38.23 -0.04 0.00	29.34 -0.60 0.00	25.59 -0.95 0.00
LOWER___HUDSON 24059	20.75 1.06 0.00	17.10 0.89 0.00	16.54 0.83 0.00	15.82 0.80 0.00	17.08 0.84 0.00	21.48 0.98 0.00	26.72 1.05 0.00	28.10 0.90 0.00	26.55 0.72 0.00	22.99 0.56 0.00	23.45 0.53 0.00	23.22 0.57 0.00	24.25 0.57 0.00	25.65 0.60 0.00	27.77 0.70 0.00	28.96 0.71 0.08	33.20 0.89 0.47	42.37 1.11 1.54	49.69 1.35 3.58	50.36 1.41 3.43	48.21 1.40 0.01	39.45 1.19 0.01	31.19 1.26 0.00	28.00 1.46 0.00
LOWVILLE_115KV_TB2 356335	19.59 -0.10 0.00	16.18 -0.03 0.00	15.68 -0.03 0.00	15.04 0.02 0.00	16.33 0.10 0.00	20.68 0.18 0.00	25.67 0.00 0.00	27.18 -0.03 0.00	25.88 0.05 0.00	22.32 -0.11 0.00	22.48 -0.44 0.00	22.22 -0.43 0.00	23.21 -0.47 0.00	24.60 -0.45 0.00	26.52 -0.54 0.00	27.87 -0.45 0.00	32.39 -0.39 0.00	41.49 -0.17 1.14	49.73 0.47 2.65	50.61 0.79 2.54	47.14 0.33 0.01	38.46 0.19 0.01	29.97 0.03 0.00	26.52 -0.03 0.00
LUTHERFT_115KV_GLOB_FND_222 355753	20.85 1.16 0.00	17.18 0.97 0.00	16.63 0.93 0.00	15.90 0.87 0.00	17.19 0.96 0.00	21.68 1.19 0.00	26.98 1.31 0.00	28.35 1.14 0.00	26.76 0.93 0.00	23.15 0.72 0.00	23.61 0.69 0.00	23.33 0.68 0.00	24.39 0.71 0.00	25.83 0.78 0.00	27.99 0.92 0.00	29.12 0.85 0.06	33.50 1.08 0.37	42.70 1.46 1.56	50.07 1.77 3.62	50.79 1.89 3.46	48.68 1.87 0.01	39.72 1.45 0.01	31.34 1.41 0.00	28.21 1.67 0.00

LUTHERNY_35_KV_BK2 355980	20.87 1.18 0.00	17.20 0.99 0.00	16.63 0.93 0.00	15.91 0.89 0.00	17.21 0.97 0.00	21.70 1.21 0.00	26.98 1.31 0.00	28.35 1.14 0.00	26.76 0.93 0.00	23.17 0.74 0.00	23.61 0.69 0.00	23.33 0.68 0.00	24.39 0.71 0.00	25.83 0.78 0.00	28.01 0.95 0.00	29.12 0.85 0.06	33.53 1.11 0.37	42.70 1.46 1.56	50.12 1.82 3.62	50.84 1.94 3.46	48.68 1.87 0.01	39.76 1.49 0.01	31.34 1.41 0.00	28.24 1.70 0.00
LWR___OSWEGATCHIE_HYD 23850	19.25 -0.43 0.00	15.88 -0.32 0.00	15.38 -0.33 0.00	14.75 -0.27 0.00	16.02 -0.21 0.00	20.33 -0.16 0.00	25.33 -0.33 0.00	26.93 -0.27 0.00	25.55 -0.28 0.00	22.05 -0.38 0.00	22.35 -0.57 0.00	22.06 -0.59 0.00	23.06 -0.62 0.00	24.45 -0.60 0.00	26.36 -0.70 0.00	27.70 -0.62 0.00	32.20 -0.59 0.00	41.43 -0.51 0.86	49.88 -0.05 1.99	50.68 0.21 1.90	46.72 -0.09 0.01	38.19 -0.08 0.01	29.58 -0.36 0.00	26.04 -0.50 0.00
LYONS_FALL_HYD 23570	19.80 0.12 0.00	16.34 0.13 0.00	15.83 0.13 0.00	15.17 0.15 0.00	16.46 0.23 0.00	20.80 0.31 0.00	25.82 0.15 0.00	27.31 0.11 0.00	25.96 0.13 0.00	22.43 0.00 0.00	22.69 -0.23 0.00	22.43 -0.23 0.00	23.42 -0.26 0.00	24.83 -0.23 0.00	26.77 -0.30 0.00	28.10 -0.23 0.00	32.66 -0.13 0.00	41.55 0.09 1.34	49.49 0.67 3.10	50.34 0.94 2.97	47.37 0.56 0.01	38.69 0.42 0.01	30.20 0.27 0.00	26.81 0.27 0.00
MADISON___COUNTY_LFGE 323628	20.22 0.53 0.00	16.66 0.45 0.00	16.13 0.42 0.00	15.44 0.42 0.00	16.71 0.47 0.00	21.07 0.57 0.00	26.15 0.49 0.00	27.64 0.44 0.00	26.22 0.39 0.00	22.68 0.25 0.00	23.06 0.14 0.00	22.79 0.14 0.00	23.80 0.12 0.00	25.23 0.18 0.00	27.23 0.16 0.00	28.55 0.23 0.00	33.18 0.39 0.00	42.14 0.73 1.39	50.06 1.35 3.21	50.86 1.57 3.08	48.07 1.26 0.01	39.30 1.03 0.01	30.80 0.87 0.00	27.39 0.85 0.00
MALONE___115KV_TB1 356076	19.76 0.08 0.00	16.22 0.02 0.00	15.75 0.05 0.00	15.07 0.05 0.00	16.28 0.05 0.00	20.66 0.16 0.00	26.18 0.51 0.00	27.97 0.76 0.00	26.56 0.72 0.00	23.06 0.63 0.00	23.63 0.71 0.00	23.36 0.70 0.00	24.46 0.78 0.00	25.86 0.80 0.00	27.91 0.84 0.00	29.29 0.96 0.00	33.84 1.05 0.00	43.83 1.50 0.47	52.76 1.92 1.09	53.16 1.83 1.04	48.27 1.45 0.00	39.42 1.15 0.00	30.35 0.42 0.00	26.49 -0.05 0.00
MAPLEWOD_115KV_TB3 80458	20.63 0.94 0.00	17.02 0.81 0.00	16.46 0.75 0.00	15.75 0.72 0.00	17.00 0.76 0.00	21.35 0.86 0.00	26.49 0.82 0.00	27.86 0.65 0.00	26.35 0.52 0.00	22.86 0.43 0.00	23.31 0.39 0.00	23.08 0.43 0.00	24.10 0.43 0.00	25.53 0.48 0.00	27.63 0.57 0.00	28.89 0.62 0.06	33.19 0.75 0.36	42.13 0.86 1.53	49.36 0.99 3.55	50.07 1.10 3.40	47.89 1.08 0.01	39.14 0.88 0.01	30.95 1.02 0.00	27.76 1.22 0.00
MAPLE_RIDGE_WT_1 323574	19.53 -0.16 0.00	16.09 -0.11 0.00	15.61 -0.09 0.00	14.95 -0.07 0.00	16.17 -0.06 0.00	20.41 -0.08 0.00	25.51 -0.15 0.00	27.02 -0.19 0.00	25.70 -0.13 0.00	22.34 -0.09 0.00	22.83 -0.09 0.00	22.56 -0.09 0.00	23.58 -0.09 0.00	24.95 -0.10 0.00	26.96 -0.11 0.00	28.21 -0.11 0.00	32.69 -0.10 0.00	41.32 -0.13 1.35	48.64 -0.16 3.13	49.11 -0.26 2.99	46.34 -0.47 0.01	37.69 -0.57 0.01	29.40 -0.54 0.00	26.06 -0.48 0.00
MAPLE_RIDGE_WT_2 323611	19.53 -0.16 0.00	16.09 -0.11 0.00	15.61 -0.09 0.00	14.95 -0.07 0.00	16.17 -0.06 0.00	20.41 -0.08 0.00	25.51 -0.15 0.00	27.02 -0.19 0.00	25.70 -0.13 0.00	22.34 -0.09 0.00	22.83 -0.09 0.00	22.56 -0.09 0.00	23.58 -0.09 0.00	24.95 -0.10 0.00	26.96 -0.11 0.00	28.21 -0.11 0.00	32.69 -0.10 0.00	41.32 -0.13 1.35	48.64 -0.16 3.13	49.11 -0.26 2.99	46.34 -0.47 0.01	37.69 -0.57 0.01	29.40 -0.54 0.00	26.06 -0.48 0.00
MARBLE_RIVER_WT_PWR 323696	19.53 -0.16 0.00	16.06 -0.15 0.00	15.60 -0.11 0.00	14.92 -0.10 0.00	16.15 -0.08 0.00	20.49 0.00 0.00	25.87 0.20 0.00	27.61 0.41 0.00	26.22 0.39 0.00	22.77 0.34 0.00	23.31 0.39 0.00	23.04 0.38 0.00	24.13 0.45 0.00	25.51 0.45 0.00	27.53 0.46 0.00	28.86 0.54 0.00	33.38 0.59 0.00	43.10 0.77 0.47	51.77 0.94 1.09	52.22 0.89 1.04	47.52 0.70 0.00	38.81 0.54 0.00	29.97 0.03 0.00	26.22 -0.32 0.00
MARSHVLE_115KV_TB1 80742	21.04 1.36 0.00	17.33 1.12 0.00	16.79 1.08 0.00	16.06 1.04 0.00	17.39 1.15 0.00	21.93 1.43 0.00	27.05 1.39 0.00	28.10 0.90 0.00	26.35 0.52 0.00	22.72 0.29 0.00	23.17 0.25 0.00	22.79 0.14 0.00	23.89 0.21 0.00	25.33 0.28 0.00	27.47 0.41 0.00	28.80 0.51 0.04	33.28 0.72 0.23	42.52 1.28 1.57	50.31 2.02 3.63	51.98 3.09 3.48	49.85 3.04 0.01	40.83 2.56 0.01	32.06 2.13 0.00	28.56 2.02 0.00
MARSH_HILL_WT_PWR 323713	19.47 -0.22 0.00	15.93 -0.28 0.00	15.49 -0.22 0.00	14.83 -0.20 0.00	15.97 -0.26 0.00	19.96 -0.53 0.00	24.79 -0.87 0.00	26.04 -1.17 0.00	25.11 -0.72 0.00	21.78 -0.65 0.00	22.28 -0.64 0.00	22.02 -0.63 0.00	23.04 -0.64 0.00	24.35 -0.70 0.00	26.42 -0.65 0.00	27.59 -0.74 0.00	31.67 -1.11 0.00	40.37 -0.98 1.45	47.86 -0.68 3.38	48.82 -0.31 3.24	46.39 -0.42 0.01	37.81 -0.46 0.01	29.55 -0.39 0.00	25.75 -0.80 0.00
MCINTYRE_115KV_TB2 80467	19.66 -0.02 0.00	16.19 -0.02 0.00	15.71 0.00 0.00	15.04 0.02 0.00	16.36 0.13 0.00	20.88 0.39 0.00	26.31 0.64 0.00	28.13 0.92 0.00	26.53 0.70 0.00	22.95 0.52 0.00	23.42 0.50 0.00	23.13 0.48 0.00	24.22 0.54 0.00	25.63 0.58 0.00	27.66 0.60 0.00	29.04 0.71 0.00	33.67 0.89 0.00	43.59 1.37 0.58	52.50 1.92 1.34	53.29 2.20 1.28	48.60 1.78 0.00	39.88 1.61 0.00	30.53 0.60 0.00	26.54 0.00 0.00
MECO_____69_KV_BK1 80468	21.24 1.56 0.00	17.50 1.30 0.00	16.96 1.26 0.00	16.23 1.20 0.00	17.58 1.35 0.00	22.19 1.70 0.00	27.46 1.80 0.00	28.67 1.47 0.00	26.92 1.08 0.00	23.19 0.76 0.00	23.63 0.71 0.00	23.26 0.61 0.00	24.34 0.66 0.00	25.81 0.75 0.00	28.01 0.95 0.00	29.36 1.08 0.04	33.98 1.44 0.25	43.42 2.18 1.57	51.30 3.01 3.64	52.71 3.82 3.48	50.46 3.65 0.01	41.21 2.95 0.01	32.39 2.45 0.00	28.85 2.31 0.00
MENANDS___115KV_TB5 355628	20.57 0.89 0.00	16.97 0.76 0.00	16.41 0.71 0.00	15.70 0.68 0.00	16.95 0.71 0.00	21.27 0.78 0.00	26.36 0.69 0.00	27.75 0.54 0.00	26.25 0.41 0.00	22.77 0.34 0.00	23.24 0.32 0.00	22.99 0.34 0.00	24.03 0.36 0.00	25.43 0.38 0.00	27.50 0.43 0.00	28.75 0.48 0.06	33.06 0.62 0.35	41.87 0.60 1.53	49.05 0.67 3.54	49.71 0.73 3.39	47.61 0.80 0.01	38.88 0.61 0.01	30.80 0.87 0.00	27.63 1.09 0.00
MG INDUSTRY___DRP 24185	20.47 0.79 0.00	16.89 0.68 0.00	16.35 0.64 0.00	15.62 0.60 0.00	16.88 0.65 0.00	21.19 0.70 0.00	26.26 0.59 0.00	27.59 0.38 0.00	26.09 0.26 0.00	22.61 0.18 0.00	23.08 0.16 0.00	22.83 0.18 0.00	23.82 0.14 0.00	25.20 0.15 0.00	27.26 0.19 0.00	28.52 0.23 0.03	32.92 0.33 0.20	41.64 0.34 1.50	48.85 0.42 3.48	49.66 0.63 3.34	47.51 0.70 0.01	38.84 0.57 0.01	30.71 0.78 0.00	27.52 0.98 0.00

MID___OSWEGATCHIE_HYD 23849	19.25 -0.43 0.00	15.88 -0.32 0.00	15.38 -0.33 0.00	14.75 -0.27 0.00	16.02 -0.21 0.00	20.33 -0.16 0.00	25.33 -0.33 0.00	26.93 -0.27 0.00	25.55 -0.28 0.00	22.05 -0.38 0.00	22.35 -0.57 0.00	22.06 -0.59 0.00	23.06 -0.62 0.00	24.45 -0.60 0.00	26.36 -0.70 0.00	27.70 -0.62 0.00	32.20 -0.59 0.00	41.43 -0.51 0.86	49.88 -0.05 1.99	50.68 0.21 1.90	46.72 -0.09 0.01	38.19 -0.08 0.01	29.58 -0.36 0.00	26.04 -0.50 0.00
MID___RAQUETTE_HYD 23851	19.05 -0.63 0.00	15.67 -0.53 0.00	15.20 -0.50 0.00	14.56 -0.47 0.00	15.83 -0.41 0.00	20.14 -0.35 0.00	25.31 -0.36 0.00	27.12 -0.08 0.00	25.65 -0.18 0.00	22.21 -0.22 0.00	22.67 -0.25 0.00	22.38 -0.27 0.00	23.44 -0.24 0.00	24.83 -0.23 0.00	26.77 -0.30 0.00	28.10 -0.23 0.00	32.56 -0.23 0.00	41.99 -0.17 0.64	50.33 -0.10 1.49	50.94 0.00 1.42	46.58 -0.23 0.00	38.23 -0.04 0.00	29.34 -0.60 0.00	25.59 -0.96 0.00
MILLIKEN___1 23584	19.96 0.28 0.00	16.43 0.23 0.00	15.93 0.22 0.00	15.25 0.23 0.00	16.43 0.19 0.00	20.68 0.18 0.00	25.77 0.10 0.00	27.26 0.05 0.00	25.91 0.08 0.00	22.43 0.00 0.00	22.87 -0.05 0.00	22.56 -0.09 0.00	23.56 -0.12 0.00	24.95 -0.10 0.00	27.01 -0.05 0.00	28.21 -0.11 0.00	32.79 0.00 0.00	41.97 0.30 1.13	50.07 0.78 2.62	50.75 0.89 2.51	47.61 0.80 0.01	38.88 0.61 0.01	30.50 0.57 0.00	27.02 0.48 0.00
MILLIKEN___2 23585	19.96 0.28 0.00	16.43 0.23 0.00	15.93 0.22 0.00	15.25 0.23 0.00	16.43 0.19 0.00	20.68 0.18 0.00	25.77 0.10 0.00	27.26 0.05 0.00	25.91 0.08 0.00	22.43 0.00 0.00	22.87 -0.05 0.00	22.56 -0.09 0.00	23.56 -0.12 0.00	24.95 -0.10 0.00	27.01 -0.05 0.00	28.21 -0.11 0.00	32.79 0.00 0.00	41.97 0.30 1.13	50.07 0.78 2.62	50.75 0.89 2.51	47.61 0.80 0.01	38.88 0.61 0.01	30.50 0.57 0.00	27.02 0.48 0.00
MILLIKEN___DIESEL 23629	19.96 0.28 0.00	16.43 0.23 0.00	15.93 0.22 0.00	15.25 0.23 0.00	16.43 0.19 0.00	20.68 0.18 0.00	25.77 0.10 0.00	27.26 0.05 0.00	25.91 0.08 0.00	22.43 0.00 0.00	22.87 -0.05 0.00	22.56 -0.09 0.00	23.56 -0.12 0.00	24.95 -0.10 0.00	27.01 -0.05 0.00	28.21 -0.11 0.00	32.79 0.00 0.00	41.97 0.30 1.13	50.07 0.78 2.62	50.75 0.89 2.51	47.61 0.80 0.01	38.88 0.61 0.01	30.50 0.57 0.00	27.02 0.48 0.00
MILLSEAT___LFGE 323607	19.11 -0.57 0.00	15.58 -0.63 0.00	15.19 -0.52 0.00	14.53 -0.50 0.00	15.62 -0.62 0.00	19.39 -1.11 0.00	24.05 -1.62 0.00	25.14 -2.07 0.00	24.59 -1.24 0.00	21.24 -1.19 0.00	21.73 -1.19 0.00	21.54 -1.11 0.00	22.59 -1.09 0.00	23.73 -1.33 0.00	25.90 -1.16 0.00	27.11 -1.22 0.00	31.08 -1.71 0.00	39.41 -1.80 1.59	46.40 -1.82 3.70	47.52 -1.31 3.54	45.69 -1.12 0.01	37.38 -0.88 0.01	29.31 -0.63 0.00	25.93 -0.61 0.00
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	21.10 1.42 0.00	17.37 1.17 0.00	16.78 1.07 0.00	16.03 1.01 0.00	17.34 1.10 0.00	21.66 1.17 0.00	26.95 1.28 0.00	28.51 1.31 0.00	27.05 1.21 0.00	23.62 1.19 0.00	24.13 1.21 0.00	23.97 1.31 0.00	25.03 1.35 0.00	26.51 1.45 0.00	28.72 1.65 0.00	30.26 1.87 -0.07	35.40 2.20 -0.41	44.09 2.70 1.41	51.56 2.91 3.27	52.01 2.78 3.13	49.39 2.58 0.01	40.29 2.03 0.01	31.76 1.83 0.00	28.43 1.88 0.00
MILLWOOD_13_KV_LOAD 356217	21.16 1.48 0.00	17.41 1.20 0.00	16.79 1.08 0.00	16.06 1.04 0.00	17.37 1.14 0.00	21.72 1.23 0.00	27.00 1.33 0.00	28.56 1.36 0.00	27.10 1.27 0.00	23.66 1.23 0.00	24.18 1.26 0.00	23.99 1.34 0.00	25.08 1.40 0.00	26.56 1.50 0.00	28.80 1.73 0.00	30.35 1.95 -0.07	35.50 2.30 -0.41	44.21 2.82 1.41	51.71 3.06 3.27	52.12 2.88 3.13	49.53 2.72 0.01	40.41 2.14 0.01	31.85 1.92 0.00	28.51 1.96 0.00
MODEL_CITY_ENERGY 24167	18.60 -1.08 0.00	15.17 -1.04 0.00	14.80 -0.91 0.00	14.14 -0.89 0.00	15.19 -1.04 0.00	18.77 -1.72 0.00	23.13 -2.54 0.00	24.02 -3.18 0.00	23.69 -2.14 0.00	20.59 -1.84 0.00	21.06 -1.86 0.00	20.82 -1.83 0.00	21.78 -1.90 0.00	22.87 -2.18 0.00	24.96 -2.11 0.00	26.06 -2.27 0.00	29.87 -2.92 0.00	37.60 -3.60 1.61	44.03 -4.16 3.73	45.08 -3.72 3.57	43.53 -3.28 0.01	35.62 -2.64 0.01	28.11 -1.83 0.00	24.98 -1.57 0.00
MODERN_LFGE___ 323580	18.60 -1.08 0.00	15.17 -1.04 0.00	14.80 -0.91 0.00	14.14 -0.89 0.00	15.19 -1.04 0.00	18.77 -1.72 0.00	23.13 -2.54 0.00	24.02 -3.18 0.00	23.69 -2.14 0.00	20.59 -1.84 0.00	21.06 -1.86 0.00	20.82 -1.83 0.00	21.78 -1.90 0.00	22.87 -2.18 0.00	24.96 -2.11 0.00	26.06 -2.27 0.00	29.87 -2.92 0.00	37.60 -3.60 1.61	44.03 -4.16 3.73	45.08 -3.72 3.57	43.53 -3.28 0.01	35.62 -2.64 0.01	28.11 -1.83 0.00	24.98 -1.57 0.00
MOHAWK_PAPER___DRP 24187	20.63 0.94 0.00	17.02 0.81 0.00	16.46 0.75 0.00	15.75 0.72 0.00	17.00 0.76 0.00	21.35 0.86 0.00	26.49 0.82 0.00	27.86 0.65 0.00	26.35 0.52 0.00	22.86 0.43 0.00	23.31 0.39 0.00	23.08 0.43 0.00	24.10 0.43 0.00	25.53 0.48 0.00	27.63 0.57 0.00	28.89 0.62 0.06	33.19 0.75 0.36	42.13 0.86 1.53	49.36 0.99 3.55	50.07 1.10 3.40	47.89 1.08 0.01	39.14 0.88 0.01	30.95 1.02 0.00	27.76 1.22 0.00
MOHICAN___35_KV_115KV_LD 80490	20.92 1.24 0.00	17.24 1.04 0.00	16.70 0.99 0.00	15.97 0.95 0.00	17.29 1.06 0.00	21.93 1.43 0.00	27.26 1.59 0.00	28.67 1.47 0.00	27.05 1.21 0.00	23.35 0.92 0.00	23.81 0.89 0.00	23.51 0.86 0.00	24.55 0.88 0.00	26.06 1.00 0.00	28.26 1.19 0.00	29.09 0.82 0.06	33.57 1.15 0.36	42.74 1.50 1.56	50.17 1.87 3.62	50.74 1.83 3.46	48.64 1.83 0.01	39.60 1.34 0.01	31.22 1.29 0.00	28.43 1.88 0.00
MONGAUP___HYD 23641	20.69 1.00 0.00	17.15 0.94 0.00	16.59 0.88 0.00	15.85 0.83 0.00	17.06 0.83 0.00	21.31 0.82 0.00	26.54 0.87 0.00	28.05 0.84 0.00	26.53 0.70 0.00	23.06 0.63 0.00	23.54 0.62 0.00	23.33 0.68 0.00	24.39 0.71 0.00	25.83 0.78 0.00	28.01 0.95 0.00	29.40 1.02 -0.06	34.49 1.34 -0.36	42.84 1.41 1.37	50.36 1.61 3.17	50.95 1.63 3.04	48.31 1.50 0.01	39.41 1.15 0.01	31.37 1.44 0.00	28.11 1.57 0.00
MONTAUK___DIESEL 23721	21.66 1.97 -0.01	17.89 1.67 -0.01	17.15 1.45 0.00	16.42 1.40 0.00	17.96 1.72 0.00	22.34 1.84 0.00	28.29 2.62 -0.01	30.04 2.83 -0.01	27.95 2.12 0.00	24.82 2.38 -0.01	25.31 2.38 -0.01	25.02 2.36 -0.01	26.15 2.46 -0.01	27.62 2.56 -0.01	29.89 2.79 -0.04	34.92 3.23 -3.36	41.43 3.87 -4.77	47.49 4.71 0.02	59.15 5.35 -1.89	56.64 5.29 1.02	53.99 4.40 -2.77	43.25 3.60 -1.38	37.48 3.05 -4.49	30.32 2.79 -0.99
MOONROAD_115KV_HARTFLD_TB1-2 355988	18.96 -0.73 0.00	15.43 -0.78 0.00	15.02 -0.69 0.00	14.33 -0.69 0.00	15.16 -1.07 0.00	19.04 -1.46 0.00	23.72 -1.95 0.00	24.78 -2.42 0.00	24.62 -1.21 0.00	21.60 -0.83 0.00	22.09 -0.83 0.00	21.91 -0.75 0.00	22.97 -0.71 0.00	24.15 -0.90 0.00	26.36 -0.70 0.00	27.28 -1.05 0.00	31.51 -1.28 0.00	39.71 -1.50 1.59	46.82 -1.40 3.70	47.52 -1.31 3.54	45.08 -1.73 0.01	36.27 -1.99 0.01	28.47 -1.47 0.00	24.90 -1.65 0.00

MORRIS_RIDGE___SOLAR 323848	19.29 -0.39 0.00	15.79 -0.42 0.00	15.35 -0.36 0.00	14.68 -0.34 0.00	15.78 -0.45 0.00	19.67 -0.82 0.00	24.38 -1.28 0.00	25.46 -1.74 0.00	24.62 -1.21 0.00	21.35 -1.08 0.00	21.82 -1.10 0.00	21.57 -1.09 0.00	22.59 -1.09 0.00	23.83 -1.23 0.00	25.90 -1.16 0.00	27.05 -1.27 0.00	31.08 -1.71 0.00	39.50 -1.80 1.50	46.75 -1.66 3.51	47.91 -1.10 3.36	45.82 -0.99 0.01	37.46 -0.81 0.01	29.37 -0.57 0.00	25.72 -0.82 0.00
MORTIMER_115KV_TB3 55949	19.17 -0.51 0.00	15.67 -0.53 0.00	15.24 -0.47 0.00	14.59 -0.44 0.00	15.57 -0.67 0.00	19.59 -0.90 0.00	24.46 -1.21 0.00	25.74 -1.47 0.00	24.88 -0.96 0.00	21.51 -0.92 0.00	22.00 -0.92 0.00	21.82 -0.84 0.00	22.83 -0.85 0.00	24.05 -1.00 0.00	26.15 -0.92 0.00	27.17 -1.16 0.00	31.41 -1.38 0.00	39.69 -1.54 1.57	46.83 -1.45 3.64	47.63 -1.26 3.49	45.69 -1.12 0.01	37.27 -1.00 0.01	29.40 -0.54 0.00	25.98 -0.56 0.00
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	21.26 1.57 0.00	17.50 1.30 0.00	16.89 1.18 0.00	16.14 1.11 0.00	17.44 1.20 0.00	21.78 1.29 0.00	27.08 1.41 0.00	28.67 1.47 0.00	27.23 1.39 0.00	23.82 1.39 0.00	24.34 1.42 0.00	24.19 1.54 0.00	25.27 1.59 0.00	26.73 1.68 0.00	28.99 1.92 0.00	30.58 2.18 -0.07	35.76 2.56 -0.42	44.51 3.12 1.41	51.97 3.32 3.28	52.37 3.14 3.14	49.67 2.86 0.01	40.52 2.26 0.01	31.94 2.01 0.00	28.59 2.04 0.00
MUNSVILLE_WIND_PWR 323609	20.85 1.16 0.00	17.21 1.01 0.00	16.63 0.93 0.00	15.94 0.92 0.00	17.29 1.05 0.00	21.82 1.33 0.00	27.00 1.33 0.00	28.51 1.31 0.00	26.30 0.47 0.00	22.68 0.25 0.00	23.03 0.12 0.00	22.72 0.07 0.00	23.75 0.07 0.00	25.18 0.13 0.00	27.74 0.68 0.00	29.21 0.88 0.00	34.06 1.28 0.00	43.61 2.27 1.46	52.34 3.79 3.37	53.48 4.34 3.23	50.37 3.56 0.01	41.17 2.91 0.01	32.03 2.09 0.00	28.19 1.65 0.00
N SALMON___HYD 24042	19.76 0.08 0.00	16.22 0.02 0.00	15.75 0.05 0.00	15.07 0.05 0.00	16.28 0.05 0.00	20.66 0.16 0.00	26.18 0.51 0.00	27.97 0.76 0.00	26.55 0.72 0.00	23.06 0.63 0.00	23.63 0.71 0.00	23.36 0.70 0.00	24.46 0.78 0.00	25.86 0.80 0.00	27.91 0.84 0.00	29.29 0.96 0.00	33.84 1.05 0.00	43.83 1.50 0.47	52.76 1.92 1.09	53.16 1.83 1.04	48.32 1.50 0.00	39.42 1.15 0.00	30.35 0.42 0.00	26.49 -0.05 0.00
N.AKRON__115KV_KNAPP 355671	19.07 -0.61 0.00	15.51 -0.70 0.00	15.16 -0.55 0.00	14.50 -0.53 0.00	15.34 -0.89 0.00	19.22 -1.27 0.00	24.00 -1.67 0.00	25.00 -2.20 0.00	24.49 -1.34 0.00	21.20 -1.23 0.00	21.66 -1.26 0.00	21.48 -1.18 0.00	22.52 -1.16 0.00	23.65 -1.40 0.00	25.82 -1.25 0.00	26.71 -1.61 0.00	30.92 -1.87 0.00	39.11 -2.10 1.60	46.19 -2.02 3.71	47.14 -1.68 3.55	45.31 -1.50 0.01	36.92 -1.34 0.01	29.19 -0.75 0.00	25.61 -0.93 0.00
N.E_GEN_SANDY PD 24062	20.91 1.22 0.00	17.23 1.02 0.00	16.65 0.94 0.00	15.93 0.90 0.00	17.18 0.94 0.00	21.56 1.06 0.00	26.85 1.18 0.00	28.24 1.03 0.00	26.68 0.85 0.00	23.17 0.74 0.00	23.63 0.71 0.00	23.42 0.77 0.00	24.46 0.78 0.00	25.91 0.85 0.00	27.96 0.89 0.00	28.85 0.93 0.41	31.44 1.15 2.49	42.70 1.37 1.47	50.12 1.61 3.41	50.73 1.63 3.27	48.45 1.64 0.01	42.10 1.30 -2.52	31.00 1.44 0.37	26.00 1.62 2.16
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	21.10 1.42 0.00	17.37 1.17 0.00	16.78 1.07 0.00	16.03 1.01 0.00	17.32 1.09 0.00	21.66 1.17 0.00	26.95 1.28 0.00	28.48 1.28 0.00	27.05 1.21 0.00	23.62 1.19 0.00	24.11 1.19 0.00	23.94 1.29 0.00	25.03 1.35 0.00	26.51 1.45 0.00	28.74 1.68 0.00	30.26 1.87 -0.07	35.42 2.23 -0.40	44.18 3.01 1.40	51.69 3.28 3.24	52.14 2.88 3.11	49.43 2.62 0.01	40.25 1.99 0.01	31.73 1.80 0.00	28.40 1.86 0.00
N.QUEENS_27_KV_LOAD 356247	21.54 1.85 -0.01	17.69 1.47 -0.01	17.07 1.35 -0.01	16.29 1.26 -0.01	17.61 1.36 -0.01	22.06 1.56 -0.01	27.00 1.33 0.00	28.62 1.41 0.00	27.23 1.39 0.00	23.91 1.48 0.00	24.45 1.54 0.00	24.33 1.68 0.00	25.38 1.70 0.00	26.83 1.78 0.00	29.07 2.00 0.00	30.66 2.27 -0.07	35.86 2.66 -0.42	44.60 3.21 1.41	52.02 3.37 3.28	52.37 3.14 3.14	49.62 2.81 0.01	40.45 2.18 0.01	32.09 2.16 0.00	28.74 2.20 0.00
N.TROY___115KV_TB1 355778	20.75 1.06 0.00	17.10 0.89 0.00	16.54 0.83 0.00	15.82 0.80 0.00	17.09 0.86 0.00	21.48 0.98 0.00	26.72 1.05 0.00	28.10 0.90 0.00	26.56 0.72 0.00	22.99 0.56 0.00	23.45 0.53 0.00	23.22 0.57 0.00	24.25 0.57 0.00	25.68 0.63 0.00	27.77 0.70 0.00	28.99 0.74 0.08	33.23 0.92 0.47	42.37 1.11 1.54	49.69 1.35 3.58	50.41 1.47 3.43	48.26 1.45 0.01	39.41 1.15 0.01	31.16 1.23 0.00	28.00 1.46 0.00
NARROWS_GT1_1 24228	21.44 1.75 -0.01	17.64 1.43 -0.01	17.03 1.32 -0.01	16.28 1.25 -0.01	17.54 1.30 -0.01	21.96 1.46 -0.01	27.19 1.51 -0.01	28.73 1.52 0.00	27.25 1.42 0.00	23.93 1.50 0.00	24.45 1.54 0.00	24.33 1.68 0.00	25.41 1.73 0.00	26.89 1.83 -0.01	29.13 2.06 -0.01	30.67 2.27 -0.08	35.90 2.69 -0.43	44.74 3.34 1.40	52.29 3.63 3.27	52.59 3.35 3.14	49.71 2.90 0.01	40.49 2.22 0.00	32.22 2.27 -0.01	28.78 2.23 -0.01
NARROWS_GT1_2 24229	21.44 1.75 -0.01	17.64 1.43 -0.01	17.03 1.32 -0.01	16.28 1.25 -0.01	17.54 1.30 -0.01	21.96 1.46 -0.01	27.19 1.51 -0.01	28.73 1.52 0.00	27.25 1.42 0.00	23.93 1.50 0.00	24.45 1.54 0.00	24.33 1.68 0.00	25.41 1.73 0.00	26.89 1.83 -0.01	29.13 2.06 -0.01	30.67 2.27 -0.08	35.90 2.69 -0.43	44.74 3.34 1.40	52.29 3.63 3.27	52.59 3.35 3.14	49.71 2.90 0.01	40.49 2.22 0.00	32.22 2.27 -0.01	28.78 2.23 -0.01
NARROWS_GT1_3 24230	21.44 1.75 -0.01	17.64 1.43 -0.01	17.03 1.32 -0.01	16.28 1.25 -0.01	17.54 1.30 -0.01	21.96 1.46 -0.01	27.19 1.51 -0.01	28.73 1.52 0.00	27.25 1.42 0.00	23.93 1.50 0.00	24.45 1.54 0.00	24.33 1.68 0.00	25.41 1.73 0.00	26.89 1.83 -0.01	29.13 2.06 -0.01	30.67 2.27 -0.08	35.90 2.69 -0.43	44.74 3.34 1.40	52.29 3.63 3.27	52.59 3.35 3.14	49.71 2.90 0.01	40.49 2.22 0.00	32.22 2.27 -0.01	28.78 2.23 -0.01
NARROWS_GT1_4 24231	21.44 1.75 -0.01	17.64 1.43 -0.01	17.03 1.32 -0.01	16.28 1.25 -0.01	17.54 1.30 -0.01	21.96 1.46 -0.01	27.19 1.51 -0.01	28.73 1.52 0.00	27.25 1.42 0.00	23.93 1.50 0.00	24.45 1.54 0.00	24.33 1.68 0.00	25.41 1.73 0.00	26.89 1.83 -0.01	29.13 2.06 -0.01	30.67 2.27 -0.08	35.90 2.69 -0.43	44.74 3.34 1.40	52.29 3.63 3.27	52.59 3.35 3.14	49.71 2.90 0.01	40.49 2.22 0.00	32.22 2.27 -0.01	28.78 2.23 -0.01
NARROWS_GT1_5 24232	21.44 1.75 -0.01	17.64 1.43 -0.01	17.03 1.32 -0.01	16.28 1.25 -0.01	17.54 1.30 -0.01	21.96 1.46 -0.01	27.19 1.51 -0.01	28.73 1.52 0.00	27.25 1.42 0.00	23.93 1.50 0.00	24.45 1.54 0.00	24.33 1.68 0.00	25.41 1.73 0.00	26.89 1.83 -0.01	29.13 2.06 -0.01	30.67 2.27 -0.08	35.90 2.69 -0.43	44.74 3.34 1.40	52.29 3.63 3.27	52.59 3.35 3.14	49.71 2.90 0.01	40.49 2.22 0.00	32.22 2.27 -0.01	28.78 2.23 -0.01

NARROWS_GT1_6 24233	21.44 1.75 -0.01	17.64 1.43 -0.01	17.03 1.32 -0.01	16.28 1.25 -0.01	17.54 1.30 -0.01	21.96 1.46 -0.01	27.19 1.51 -0.01	28.73 1.52 0.00	27.25 1.42 0.00	23.93 1.50 0.00	24.45 1.54 0.00	24.33 1.68 0.00	25.41 1.73 0.00	26.89 1.83 -0.01	29.13 2.06 -0.01	30.67 2.27 -0.08	35.90 2.69 -0.43	44.74 3.34 1.40	52.29 3.63 3.27	52.59 3.35 3.14	49.71 2.90 0.01	40.49 2.22 0.00	32.22 2.27 -0.01	28.78 2.23 -0.01
NARROWS_GT1_7 24234	21.44 1.75 -0.01	17.64 1.43 -0.01	17.03 1.32 -0.01	16.28 1.25 -0.01	17.54 1.30 -0.01	21.96 1.46 -0.01	27.19 1.51 -0.01	28.73 1.52 0.00	27.25 1.42 0.00	23.93 1.50 0.00	24.45 1.54 0.00	24.33 1.68 0.00	25.41 1.73 0.00	26.89 1.83 -0.01	29.13 2.06 -0.01	30.67 2.27 -0.08	35.90 2.69 -0.43	44.74 3.34 1.40	52.29 3.63 3.27	52.59 3.35 3.14	49.71 2.90 0.01	40.49 2.22 0.00	32.22 2.27 -0.01	28.78 2.23 -0.01
NARROWS_GT1_8 24235	21.44 1.75 -0.01	17.64 1.43 -0.01	17.03 1.32 -0.01	16.28 1.25 -0.01	17.54 1.30 -0.01	21.96 1.46 -0.01	27.19 1.51 -0.01	28.73 1.52 0.00	27.25 1.42 0.00	23.93 1.50 0.00	24.45 1.54 0.00	24.33 1.68 0.00	25.41 1.73 0.00	26.89 1.83 -0.01	29.13 2.06 -0.01	30.67 2.27 -0.08	35.90 2.69 -0.43	44.74 3.34 1.40	52.29 3.63 3.27	52.59 3.35 3.14	49.71 2.90 0.01	40.49 2.22 0.00	32.22 2.27 -0.01	28.78 2.23 -0.01
NARROWS_GT2_1 24236	21.44 1.75 -0.01	17.64 1.43 -0.01	17.03 1.32 -0.01	16.28 1.25 -0.01	17.54 1.30 -0.01	21.96 1.46 -0.01	27.19 1.51 -0.01	28.73 1.52 0.00	27.25 1.42 0.00	23.93 1.50 0.00	24.45 1.54 0.00	24.33 1.68 0.00	25.41 1.73 0.00	26.89 1.83 -0.01	29.13 2.06 -0.01	30.67 2.27 -0.08	35.90 2.69 -0.43	44.74 3.34 1.40	52.29 3.63 3.27	52.59 3.35 3.14	49.71 2.90 0.01	40.49 2.22 0.00	32.22 2.27 -0.01	28.78 2.23 -0.01
NARROWS_GT2_2 24237	21.44 1.75 -0.01	17.64 1.43 -0.01	17.03 1.32 -0.01	16.28 1.25 -0.01	17.54 1.30 -0.01	21.96 1.46 -0.01	27.19 1.51 -0.01	28.73 1.52 0.00	27.25 1.42 0.00	23.93 1.50 0.00	24.45 1.54 0.00	24.33 1.68 0.00	25.41 1.73 0.00	26.89 1.83 -0.01	29.13 2.06 -0.01	30.67 2.27 -0.08	35.90 2.69 -0.43	44.74 3.34 1.40	52.29 3.63 3.27	52.59 3.35 3.14	49.71 2.90 0.01	40.49 2.22 0.00	32.22 2.27 -0.01	28.78 2.23 -0.01
NARROWS_GT2_3 24238	21.44 1.75 -0.01	17.64 1.43 -0.01	17.03 1.32 -0.01	16.28 1.25 -0.01	17.54 1.30 -0.01	21.96 1.46 -0.01	27.19 1.51 -0.01	28.73 1.52 0.00	27.25 1.42 0.00	23.93 1.50 0.00	24.45 1.54 0.00	24.33 1.68 0.00	25.41 1.73 0.00	26.89 1.83 -0.01	29.13 2.06 -0.01	30.67 2.27 -0.08	35.90 2.69 -0.43	44.74 3.34 1.40	52.29 3.63 3.27	52.59 3.35 3.14	49.71 2.90 0.01	40.49 2.22 0.00	32.22 2.27 -0.01	28.78 2.23 -0.01
NARROWS_GT2_4 24239	21.44 1.75 -0.01	17.64 1.43 -0.01	17.03 1.32 -0.01	16.28 1.25 -0.01	17.54 1.30 -0.01	21.96 1.46 -0.01	27.19 1.51 -0.01	28.73 1.52 0.00	27.25 1.42 0.00	23.93 1.50 0.00	24.45 1.54 0.00	24.33 1.68 0.00	25.41 1.73 0.00	26.89 1.83 -0.01	29.13 2.06 -0.01	30.67 2.27 -0.08	35.90 2.69 -0.43	44.74 3.34 1.40	52.29 3.63 3.27	52.59 3.35 3.14	49.71 2.90 0.01	40.49 2.22 0.00	32.22 2.27 -0.01	28.78 2.23 -0.01
NARROWS_GT2_5 24240	21.44 1.75 -0.01	17.64 1.43 -0.01	17.03 1.32 -0.01	16.28 1.25 -0.01	17.54 1.30 -0.01	21.96 1.46 -0.01	27.19 1.51 -0.01	28.73 1.52 0.00	27.25 1.42 0.00	23.93 1.50 0.00	24.45 1.54 0.00	24.33 1.68 0.00	25.41 1.73 0.00	26.89 1.83 -0.01	29.13 2.06 -0.01	30.67 2.27 -0.08	35.90 2.69 -0.43	44.74 3.34 1.40	52.29 3.63 3.27	52.59 3.35 3.14	49.71 2.90 0.01	40.49 2.22 0.00	32.22 2.27 -0.01	28.78 2.23 -0.01
NARROWS_GT2_6 24241	21.44 1.75 -0.01	17.64 1.43 -0.01	17.03 1.32 -0.01	16.28 1.25 -0.01	17.54 1.30 -0.01	21.96 1.46 -0.01	27.19 1.51 -0.01	28.73 1.52 0.00	27.25 1.42 0.00	23.93 1.50 0.00	24.45 1.54 0.00	24.33 1.68 0.00	25.41 1.73 0.00	26.89 1.83 -0.01	29.13 2.06 -0.01	30.67 2.27 -0.08	35.90 2.69 -0.43	44.74 3.34 1.40	52.29 3.63 3.27	52.59 3.35 3.14	49.71 2.90 0.01	40.49 2.22 0.00	32.22 2.27 -0.01	28.78 2.23 -0.01
NARROWS_GT2_7 24242	21.44 1.75 -0.01	17.64 1.43 -0.01	17.03 1.32 -0.01	16.28 1.25 -0.01	17.54 1.30 -0.01	21.96 1.46 -0.01	27.19 1.51 -0.01	28.73 1.52 0.00	27.25 1.42 0.00	23.93 1.50 0.00	24.45 1.54 0.00	24.33 1.68 0.00	25.41 1.73 0.00	26.89 1.83 -0.01	29.13 2.06 -0.01	30.67 2.27 -0.08	35.90 2.69 -0.43	44.74 3.34 1.40	52.29 3.63 3.27	52.59 3.35 3.14	49.71 2.90 0.01	40.49 2.22 0.00	32.22 2.27 -0.01	28.78 2.23 -0.01
NARROWS_GT2_8 24243	21.44 1.75 -0.01	17.64 1.43 -0.01	17.03 1.32 -0.01	16.28 1.25 -0.01	17.54 1.30 -0.01	21.96 1.46 -0.01	27.19 1.51 -0.01	28.73 1.52 0.00	27.25 1.42 0.00	23.93 1.50 0.00	24.45 1.54 0.00	24.33 1.68 0.00	25.41 1.73 0.00	26.89 1.83 -0.01	29.13 2.06 -0.01	30.67 2.27 -0.08	35.90 2.69 -0.43	44.74 3.34 1.40	52.29 3.63 3.27	52.59 3.35 3.14	49.71 2.90 0.01	40.49 2.22 0.00	32.22 2.27 -0.01	28.78 2.23 -0.01
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	20.75 1.06 0.00	17.13 0.92 0.00	16.59 0.88 0.00	15.85 0.83 0.00	17.11 0.88 0.00	21.52 1.02 0.00	26.67 1.00 0.00	27.99 0.79 0.00	26.37 0.54 0.00	22.74 0.31 0.00	23.17 0.25 0.00	22.90 0.25 0.00	23.92 0.24 0.00	25.35 0.30 0.00	27.50 0.43 0.00	28.87 0.57 0.02	33.48 0.82 0.12	42.30 0.98 1.49	49.83 1.35 3.44	50.69 1.62 3.30	48.40 1.59 0.01	39.57 1.30 0.01	31.28 1.35 0.00	27.95 1.41 0.00
NCHELSEA_115KV_TR2 355582	21.14 1.46 0.00	17.41 1.20 0.00	16.81 1.10 0.00	16.06 1.04 0.00	17.35 1.12 0.00	21.74 1.25 0.00	27.08 1.41 0.00	28.59 1.39 0.00	27.07 1.24 0.00	23.57 1.14 0.00	24.04 1.12 0.00	23.88 1.22 0.00	24.96 1.28 0.00	26.43 1.38 0.00	28.69 1.62 0.00	30.20 1.81 -0.06	35.35 2.16 -0.40	44.21 2.82 1.41	51.77 3.12 3.27	52.28 3.04 3.13	49.67 2.86 0.01	40.52 2.26 0.01	31.94 2.01 0.00	28.56 2.02 0.00
NEG CAPITAL___MECHNVIL 23645	20.91 1.22 0.00	17.23 1.02 0.00	16.67 0.96 0.00	15.94 0.92 0.00	17.22 0.99 0.00	21.72 1.23 0.00	27.00 1.33 0.00	28.40 1.20 0.00	26.81 0.98 0.00	23.19 0.76 0.00	23.65 0.73 0.00	23.38 0.72 0.00	24.44 0.76 0.00	25.88 0.83 0.00	28.04 0.97 0.00	29.19 0.93 0.07	33.59 1.21 0.41	42.87 1.63 1.56	50.29 1.97 3.61	51.06 2.15 3.45	48.82 2.01 0.01	39.91 1.64 0.01	31.46 1.53 0.00	28.29 1.75 0.00
NEG CENTRAL_HIGH_ACRES 23767	18.92 -0.77 0.00	15.51 -0.70 0.00	15.05 -0.66 0.00	14.41 -0.62 0.00	15.54 -0.70 0.00	19.43 -1.07 0.00	24.26 -1.41 0.00	25.52 -1.69 0.00	24.59 -1.24 0.00	21.26 -1.17 0.00	21.75 -1.17 0.00	21.52 -1.13 0.00	22.52 -1.16 0.00	23.75 -1.30 0.00	25.77 -1.30 0.00	27.02 -1.30 0.00	31.18 -1.61 0.00	39.50 -1.84 1.46	46.62 -1.92 3.38	47.40 -1.73 3.24	45.17 -1.64 0.01	36.96 -1.30 0.01	28.98 -0.96 0.00	25.69 -0.85 0.00



NEG CENTRAL___DRP 24199	19.61 -0.08 0.00	16.09 -0.11 0.00	15.61 -0.09 0.00	14.95 -0.08 0.00	16.07 -0.16 0.00	20.25 -0.25 0.00	25.26 -0.41 0.00	26.99 -0.22 0.00	25.73 -0.10 0.00	22.30 -0.13 0.00	22.76 -0.16 0.00	22.45 -0.20 0.00	23.47 -0.21 0.00	24.85 -0.20 0.00	26.90 -0.16 0.00	28.07 -0.25 0.00	32.59 -0.20 0.00	42.25 0.00 0.55	51.05 0.42 1.28	51.61 0.47 1.23	47.19 0.37 0.00	38.73 0.46 0.00	30.35 0.42 0.00	26.75 0.21 0.00
NEG CENTRAL___INDECK 23768	19.70 0.02 0.00	16.11 -0.10 0.00	15.68 -0.03 0.00	15.01 -0.02 0.00	16.15 -0.08 0.00	20.21 -0.29 0.00	25.21 -0.46 0.00	26.39 -0.82 0.00	25.34 -0.49 0.00	21.80 -0.63 0.00	22.25 -0.67 0.00	22.00 -0.66 0.00	23.02 -0.66 0.00	24.25 -0.80 0.00	26.36 -0.70 0.00	27.62 -0.71 0.00	30.85 -1.93 0.00	39.34 -1.97 1.50	46.83 -1.61 3.48	48.25 -0.78 3.33	46.30 -0.51 0.01	37.88 -0.38 0.01	30.48 0.54 0.00	26.70 0.16 0.00
NEG CENTRAL___SENECA 23627	19.65 -0.04 0.00	16.11 -0.10 0.00	15.64 -0.06 0.00	14.98 -0.05 0.00	16.07 -0.16 0.00	20.25 -0.25 0.00	25.28 -0.39 0.00	27.18 -0.03 0.00	25.96 0.13 0.00	22.47 0.04 0.00	22.92 0.00 0.00	22.63 -0.02 0.00	23.66 -0.02 0.00	25.05 0.00 0.00	27.15 0.08 0.00	28.30 -0.03 0.00	32.89 0.10 0.00	42.46 0.47 0.81	51.07 1.04 1.89	51.71 1.15 1.81	47.75 0.94 0.01	39.26 1.00 0.01	30.74 0.81 0.00	26.94 0.40 0.00
NEG CENTRAL___STATE_STREET 24147	19.65 -0.04 0.00	16.16 -0.05 0.00	15.66 -0.05 0.00	14.98 -0.05 0.00	16.14 -0.10 0.00	20.31 -0.18 0.00	25.36 -0.31 0.00	26.85 -0.35 0.00	25.57 -0.26 0.00	22.16 -0.27 0.00	22.64 -0.28 0.00	22.34 -0.32 0.00	23.35 -0.33 0.00	24.73 -0.33 0.00	26.74 -0.32 0.00	27.93 -0.40 0.00	32.39 -0.39 0.00	42.07 -0.26 0.48	50.87 0.05 1.11	51.36 0.05 1.06	46.86 0.05 0.00	38.31 0.04 0.00	30.06 0.12 0.00	26.65 0.11 0.00
NEG MILLWOOD___DRP 24198	21.20 1.52 0.00	17.46 1.25 0.00	16.84 1.13 0.00	16.11 1.08 0.00	17.42 1.19 0.00	21.80 1.31 0.00	27.13 1.46 0.00	28.67 1.47 0.00	27.15 1.32 0.00	23.66 1.23 0.00	24.16 1.24 0.00	23.97 1.31 0.00	25.05 1.37 0.00	26.56 1.50 0.00	28.83 1.76 0.00	30.35 1.95 -0.07	35.53 2.33 -0.41	44.38 3.00 1.42	51.96 3.32 3.28	52.37 3.14 3.14	49.76 2.95 0.01	40.64 2.37 0.01	32.06 2.13 0.00	28.64 2.10 0.00
NEG NORTH_FLCN_SEA 23793	19.72 0.04 0.00	16.21 0.00 0.00	15.74 0.03 0.00	15.05 0.03 0.00	16.30 0.06 0.00	20.66 0.16 0.00	26.10 0.44 0.00	27.88 0.68 0.00	26.48 0.65 0.00	22.99 0.56 0.00	23.54 0.62 0.00	23.26 0.61 0.00	24.37 0.69 0.00	25.76 0.70 0.00	27.82 0.76 0.00	29.15 0.82 0.00	33.71 0.92 0.00	43.57 1.24 0.47	52.39 1.56 1.09	52.79 1.47 1.04	47.99 1.17 0.00	39.19 0.92 0.00	30.27 0.33 0.00	26.46 -0.08 0.00
NEG NORTH_KES_CHATEGAY 23792	19.55 -0.14 0.00	16.08 -0.13 0.00	15.60 -0.11 0.00	14.92 -0.11 0.00	16.17 -0.06 0.00	20.51 0.02 0.00	25.90 0.23 0.00	27.61 0.41 0.00	26.22 0.39 0.00	22.77 0.34 0.00	23.31 0.39 0.00	23.04 0.39 0.00	24.10 0.43 0.00	25.48 0.43 0.00	27.53 0.46 0.00	28.84 0.51 0.00	33.34 0.56 0.00	43.15 0.81 0.47	51.87 1.04 1.09	52.32 0.99 1.04	47.57 0.75 0.00	38.85 0.57 0.00	30.00 0.06 0.00	26.25 -0.29 0.00
NEG NORTH___ALICE_FALLS 23915	19.88 0.20 0.00	16.30 0.10 0.00	15.85 0.14 0.00	15.14 0.12 0.00	16.36 0.13 0.00	20.74 0.25 0.00	26.28 0.62 0.00	28.10 0.90 0.00	26.66 0.83 0.00	23.10 0.67 0.00	23.68 0.76 0.00	23.40 0.75 0.00	24.51 0.83 0.00	25.93 0.88 0.00	27.96 0.89 0.00	29.38 1.05 0.00	33.97 1.18 0.00	44.04 1.71 0.47	53.01 2.18 1.09	53.37 2.04 1.04	48.50 1.69 0.00	39.57 1.30 0.00	30.47 0.54 0.00	26.59 0.05 0.00
NEG NORTH___LWR_SARANAC 23913	19.88 0.20 0.00	16.30 0.10 0.00	15.85 0.14 0.00	15.14 0.12 0.00	16.36 0.13 0.00	20.74 0.25 0.00	26.28 0.62 0.00	28.10 0.90 0.00	26.66 0.83 0.00	23.10 0.67 0.00	23.68 0.76 0.00	23.40 0.75 0.00	24.51 0.83 0.00	25.93 0.88 0.00	27.96 0.89 0.00	29.38 1.05 0.00	33.97 1.18 0.00	44.04 1.71 0.47	53.01 2.18 1.09	53.37 2.04 1.04	48.50 1.69 0.00	39.57 1.30 0.00	30.47 0.54 0.00	26.59 0.05 0.00
NEG NORTH___PLATTSBURG 23628	19.88 0.20 0.00	16.31 0.10 0.00	15.85 0.14 0.00	15.14 0.12 0.00	16.36 0.13 0.00	20.74 0.25 0.00	26.28 0.61 0.00	28.10 0.90 0.00	26.66 0.83 0.00	23.10 0.67 0.00	23.67 0.76 0.00	23.40 0.75 0.00	24.51 0.83 0.00	25.93 0.88 0.00	27.96 0.89 0.00	29.38 1.05 0.00	33.97 1.18 0.00	44.05 1.71 0.47	53.01 2.18 1.09	53.37 2.04 1.04	48.55 1.73 0.00	39.61 1.34 0.00	30.48 0.54 0.00	26.57 0.03 0.00
NEG WEST_LEA_LOCKPORT 23791	18.72 -0.96 0.00	15.24 -0.97 0.00	14.89 -0.82 0.00	14.23 -0.80 0.00	15.03 -1.20 0.00	18.81 -1.68 0.00	23.41 -2.26 0.00	24.29 -2.91 0.00	23.92 -1.91 0.00	20.79 -1.64 0.00	21.25 -1.67 0.00	21.04 -1.61 0.00	22.02 -1.66 0.00	23.12 -1.93 0.00	25.25 -1.81 0.00	26.06 -2.27 0.00	30.13 -2.66 0.00	37.95 -3.25 1.60	44.67 -3.53 3.72	45.56 -3.25 3.56	43.91 -2.90 0.01	35.74 -2.53 0.01	28.38 -1.56 0.00	24.98 -1.57 0.00
NEG WEST___LANCASTR 23811	18.94 -0.75 0.00	15.43 -0.78 0.00	15.05 -0.66 0.00	14.36 -0.66 0.00	15.26 -0.97 0.00	19.14 -1.35 0.00	23.82 -1.85 0.00	25.00 -2.20 0.00	24.62 -1.21 0.00	21.47 -0.96 0.00	21.91 -1.01 0.00	21.68 -0.97 0.00	22.71 -0.97 0.00	23.90 -1.15 0.00	26.06 -1.00 0.00	27.00 -1.33 0.00	31.25 -1.54 0.00	39.37 -1.84 1.59	46.40 -1.82 3.70	47.31 -1.52 3.54	45.26 -1.55 0.01	36.77 -1.49 0.01	29.07 -0.87 0.00	25.40 -1.14 0.00
NEG_PENN_ALLEGHNY 23528	19.82 0.14 0.00	16.31 0.10 0.00	15.80 0.09 0.00	15.11 0.09 0.00	16.30 0.07 0.00	20.45 -0.04 0.00	25.46 -0.21 0.00	26.88 -0.33 0.00	25.62 -0.21 0.00	22.25 -0.18 0.00	22.71 -0.21 0.00	22.45 -0.20 0.00	23.44 -0.24 0.00	24.80 -0.25 0.00	26.85 -0.22 0.00	28.16 -0.17 0.00	32.59 -0.20 0.00	41.15 -0.09 1.57	48.41 0.10 3.62	49.11 0.21 3.46	46.95 0.14 0.01	38.38 0.12 0.01	30.17 0.24 0.00	26.78 0.24 0.00
NEG___GEN_MONROE 24207	19.21 -0.47 0.00	15.69 -0.52 0.00	15.25 -0.46 0.00	14.59 -0.44 0.00	15.55 -0.68 0.00	19.59 -0.90 0.00	24.49 -1.18 0.00	25.68 -1.52 0.00	24.88 -0.96 0.00	21.51 -0.92 0.00	21.98 -0.94 0.00	21.79 -0.86 0.00	22.80 -0.88 0.00	24.05 -1.00 0.00	26.17 -0.89 0.00	27.19 -1.13 0.00	31.41 -1.38 0.00	39.69 -1.54 1.57	46.93 -1.35 3.64	47.83 -1.05 3.49	45.87 -0.94 0.01	37.46 -0.80 0.01	29.52 -0.42 0.00	26.12 -0.42 0.00
NEPA___ENERGY 23901	19.11 -0.57 0.00	15.59 -0.62 0.00	15.17 -0.53 0.00	14.50 -0.53 0.00	15.41 -0.83 0.00	19.30 -1.19 0.00	24.00 -1.67 0.00	25.03 -2.18 0.00	24.67 -1.16 0.00	21.53 -0.90 0.00	22.00 -0.92 0.00	21.77 -0.88 0.00	22.80 -0.88 0.00	23.98 -1.08 0.00	26.17 -0.89 0.00	27.08 -1.25 0.00	31.34 -1.44 0.00	39.49 -1.71 1.60	46.54 -1.66 3.71	47.40 -1.41 3.56	45.36 -1.45 0.01	36.81 -1.45 0.01	29.07 -0.87 0.00	25.53 -1.01 0.00

NEVERSINK___HYD 23608	20.91 1.22 0.00	17.21 1.01 0.00	16.65 0.94 0.00	15.91 0.89 0.00	17.13 0.89 0.00	21.52 1.02 0.00	26.82 1.16 0.00	28.37 1.17 0.00	26.87 1.03 0.00	23.35 0.92 0.00	23.81 0.89 0.00	23.63 0.97 0.00	24.77 1.09 0.00	26.28 1.23 0.00	28.53 1.46 0.00	29.93 1.56 -0.05	35.07 2.00 -0.29	44.19 2.74 1.36	52.07 3.27 3.12	52.63 3.25 2.99	49.71 2.90 0.01	40.52 2.26 0.01	31.94 2.01 0.00	28.40 1.86 0.00
NEWKRMKL_115KV_TB1 55635	20.49 0.81 0.00	16.92 0.71 0.00	16.37 0.66 0.00	15.64 0.62 0.00	16.88 0.65 0.00	21.21 0.72 0.00	26.23 0.56 0.00	27.61 0.41 0.00	26.12 0.28 0.00	22.65 0.22 0.00	23.12 0.21 0.00	22.88 0.23 0.00	23.92 0.24 0.00	25.30 0.25 0.00	27.39 0.32 0.00	28.64 0.37 0.05	32.96 0.49 0.32	41.70 0.43 1.53	48.80 0.42 3.54	49.45 0.47 3.39	47.37 0.56 0.01	38.68 0.42 0.01	30.65 0.72 0.00	27.47 0.93 0.00
NEWTON___FALLS_HYD 23847	19.25 -0.43 0.00	15.88 -0.32 0.00	15.38 -0.33 0.00	14.75 -0.27 0.00	16.02 -0.21 0.00	20.33 -0.16 0.00	25.33 -0.33 0.00	26.93 -0.27 0.00	25.55 -0.28 0.00	22.05 -0.38 0.00	22.35 -0.57 0.00	22.06 -0.59 0.00	23.06 -0.62 0.00	24.45 -0.60 0.00	26.36 -0.70 0.00	27.70 -0.62 0.00	32.20 -0.59 0.00	41.43 -0.51 0.86	49.88 -0.05 1.99	50.68 0.21 1.90	46.72 -0.09 0.01	38.19 -0.08 0.01	29.58 -0.36 0.00	26.04 -0.50 0.00
NGRID_A1_DSASP 323792	18.31 -1.38 0.00	14.93 -1.28 0.00	14.53 -1.18 0.00	13.88 -1.14 0.00	14.92 -1.31 0.00	18.46 -2.03 0.00	23.00 -2.67 0.00	23.78 -3.43 0.00	23.48 -2.35 0.00	20.43 -2.00 0.00	20.90 -2.02 0.00	20.66 -1.99 0.00	21.62 -2.06 0.00	22.67 -2.38 0.00	24.71 -2.35 0.00	25.81 -2.52 0.00	29.54 -3.25 0.00	37.16 -4.02 1.62	43.49 -4.67 3.75	44.53 -4.24 3.59	43.02 -3.79 0.01	35.20 -3.06 0.01	27.81 -2.12 0.00	24.68 -1.86 0.00
NGRID_A2_DSASP 323793	18.31 -1.38 0.00	14.93 -1.28 0.00	14.53 -1.18 0.00	13.88 -1.14 0.00	14.92 -1.31 0.00	18.46 -2.03 0.00	23.00 -2.67 0.00	23.78 -3.43 0.00	23.48 -2.35 0.00	20.43 -2.00 0.00	20.90 -2.02 0.00	20.66 -1.99 0.00	21.62 -2.06 0.00	22.67 -2.38 0.00	24.71 -2.35 0.00	25.81 -2.52 0.00	29.54 -3.25 0.00	37.16 -4.02 1.62	43.49 -4.67 3.75	44.53 -4.24 3.59	43.02 -3.79 0.01	35.20 -3.06 0.01	27.81 -2.12 0.00	24.68 -1.86 0.00
NGRID_A4_DSASP 323807	18.31 -1.38 0.00	14.93 -1.28 0.00	14.53 -1.18 0.00	13.88 -1.14 0.00	14.92 -1.31 0.00	18.46 -2.03 0.00	23.00 -2.67 0.00	23.78 -3.43 0.00	23.48 -2.35 0.00	20.43 -2.00 0.00	20.90 -2.02 0.00	20.66 -1.99 0.00	21.62 -2.06 0.00	22.67 -2.38 0.00	24.71 -2.35 0.00	25.81 -2.52 0.00	29.54 -3.25 0.00	37.16 -4.02 1.62	43.49 -4.67 3.75	44.53 -4.24 3.59	43.02 -3.79 0.01	35.20 -3.06 0.01	27.81 -2.12 0.00	24.68 -1.86 0.00
NIAGARA_115E_LBMP 323715	18.52 -1.16 0.00	15.10 -1.10 0.00	14.75 -0.96 0.00	14.09 -0.93 0.00	15.15 -1.09 0.00	18.69 -1.80 0.00	22.97 -2.69 0.00	23.86 -3.35 0.00	23.53 -2.30 0.00	20.48 -1.95 0.00	20.95 -1.97 0.00	20.70 -1.95 0.00	21.67 -2.01 0.00	22.72 -2.33 0.00	24.79 -2.27 0.00	25.89 -2.44 0.00	29.67 -3.12 0.00	37.34 -3.85 1.61	43.67 -4.52 3.74	44.71 -4.08 3.58	43.20 -3.60 0.01	35.35 -2.91 0.01	27.93 -2.01 0.00	24.82 -1.72 0.00
NIAGARA_115W_LBMP 323714	18.27 -1.42 0.00	14.90 -1.31 0.00	14.50 -1.21 0.00	13.85 -1.17 0.00	14.89 -1.35 0.00	18.42 -2.07 0.00	22.95 -2.72 0.00	23.75 -3.46 0.00	23.43 -2.40 0.00	20.39 -2.04 0.00	20.86 -2.06 0.00	20.61 -2.04 0.00	21.55 -2.13 0.00	22.60 -2.45 0.00	24.66 -2.41 0.00	25.75 -2.58 0.00	29.48 -3.31 0.00	37.03 -4.15 1.62	43.39 -4.78 3.76	44.37 -4.40 3.60	42.88 -3.93 0.01	35.09 -3.18 0.01	27.75 -2.18 0.00	24.63 -1.91 0.00
NIAGARA_230_LBMP 323716	18.58 -1.10 0.00	15.15 -1.05 0.00	14.75 -0.96 0.00	14.09 -0.93 0.00	15.15 -1.09 0.00	18.75 -1.74 0.00	23.28 -2.39 0.00	24.18 -3.02 0.00	23.84 -1.99 0.00	20.72 -1.71 0.00	21.20 -1.72 0.00	20.95 -1.70 0.00	21.93 -1.75 0.00	23.00 -2.05 0.00	25.06 -2.00 0.00	26.17 -2.15 0.00	30.00 -2.79 0.00	37.71 -3.47 1.62	44.20 -3.95 3.77	45.20 -3.56 3.61	43.62 -3.19 0.01	35.70 -2.56 0.01	28.20 -1.74 0.00	25.03 -1.51 0.00
NIAGARA___115KV_198_GIBSON 55903	18.27 -1.42 0.00	14.86 -1.35 0.00	14.50 -1.21 0.00	13.85 -1.17 0.00	14.66 -1.57 0.00	18.61 -1.89 0.00	22.87 -2.80 0.00	23.75 -3.45 0.00	23.40 -2.43 0.00	20.39 -2.04 0.00	20.81 -2.11 0.00	20.61 -2.04 0.00	21.55 -2.13 0.00	22.60 -2.46 0.00	24.68 -2.38 0.00	25.41 -2.92 0.00	29.41 -3.38 0.00	36.90 -4.28 1.62	43.39 -4.78 3.76	44.27 -4.50 3.60	42.69 -4.12 0.01	34.78 -3.48 0.01	27.72 -2.22 0.00	24.44 -2.10 0.00
NIAGARA____ 23760	18.58 -1.10 0.00	15.15 -1.05 0.00	14.75 -0.96 0.00	14.09 -0.93 0.00	15.15 -1.09 0.00	18.75 -1.74 0.00	23.28 -2.39 0.00	24.18 -3.02 0.00	23.84 -1.99 0.00	20.72 -1.71 0.00	21.20 -1.72 0.00	20.95 -1.70 0.00	21.93 -1.75 0.00	23.00 -2.05 0.00	25.06 -2.00 0.00	26.17 -2.15 0.00	30.00 -2.79 0.00	37.72 -3.47 1.62	44.22 -3.95 3.76	45.21 -3.56 3.60	43.62 -3.19 0.01	35.70 -2.56 0.01	28.20 -1.74 0.00	25.03 -1.51 0.00
NINE_MILE_1 23575	19.21 -0.47 0.00	15.82 -0.39 0.00	15.33 -0.38 0.00	14.68 -0.34 0.00	15.84 -0.39 0.00	19.90 -0.59 0.00	24.79 -0.87 0.00	26.23 -0.98 0.00	24.98 -0.85 0.00	21.67 -0.76 0.00	22.14 -0.78 0.00	21.82 -0.84 0.00	22.80 -0.88 0.00	24.13 -0.93 0.00	26.04 -1.03 0.00	27.25 -1.08 0.00	31.51 -1.28 0.00	35.97 -1.58 5.25	37.92 -1.82 12.18	38.92 -1.78 11.66	45.19 -1.59 0.04	36.94 -1.30 0.04	29.07 -0.87 0.00	25.96 -0.58 0.00
NINE_MILE_2 23744	19.21 -0.47 0.00	15.84 -0.37 0.00	15.33 -0.38 0.00	14.68 -0.34 0.00	15.84 -0.39 0.00	19.90 -0.59 0.00	24.82 -0.85 0.00	26.23 -0.98 0.00	24.98 -0.85 0.00	21.67 -0.76 0.00	22.14 -0.78 0.00	21.82 -0.84 0.00	22.80 -0.88 0.00	24.13 -0.93 0.00	26.04 -1.03 0.00	27.25 -1.08 0.00	31.51 -1.28 0.00	35.91 -1.58 5.31	37.80 -1.82 12.31	38.80 -1.78 11.78	45.19 -1.59 0.04	36.94 -1.30 0.04	29.07 -0.87 0.00	25.96 -0.58 0.00
NM_CAPITAL___DRP 24208	20.53 0.85 0.00	16.94 0.73 0.00	16.40 0.69 0.00	15.67 0.65 0.00	16.92 0.68 0.00	21.23 0.74 0.00	26.31 0.64 0.00	27.67 0.46 0.00	26.19 0.36 0.00	22.72 0.29 0.00	23.19 0.28 0.00	22.95 0.29 0.00	23.99 0.31 0.00	25.38 0.33 0.00	27.45 0.38 0.00	28.69 0.42 0.06	32.99 0.56 0.35	41.79 0.51 1.52	48.91 0.52 3.53	49.61 0.63 3.38	47.47 0.66 0.01	38.80 0.54 0.01	30.71 0.78 0.00	27.55 1.01 0.00
NM_CENTRAL___DRP 24181	19.63 -0.06 0.00	16.16 -0.05 0.00	15.66 -0.05 0.00	14.98 -0.05 0.00	16.14 -0.10 0.00	20.29 -0.20 0.00	25.28 -0.39 0.00	26.71 -0.49 0.00	25.44 -0.39 0.00	22.07 -0.36 0.00	22.55 -0.37 0.00	22.25 -0.41 0.00	23.25 -0.43 0.00	24.60 -0.45 0.00	26.55 -0.51 0.00	27.76 -0.57 0.00	32.16 -0.62 0.00	41.13 -0.68 0.99	49.01 -0.62 2.29	49.55 -0.63 2.19	46.25 -0.56 0.01	37.81 -0.46 0.01	29.76 -0.18 0.00	26.54 0.00 0.00

NM_FRONTIER___DRP 24179	18.27 -1.42 0.00	14.86 -1.35 0.00	14.50 -1.21 0.00	13.85 -1.17 0.00	14.66 -1.57 0.00	18.61 -1.89 0.00	22.87 -2.80 0.00	23.75 -3.45 0.00	23.40 -2.43 0.00	20.39 -2.04 0.00	20.81 -2.11 0.00	20.61 -2.04 0.00	21.55 -2.13 0.00	22.60 -2.46 0.00	24.68 -2.38 0.00	25.41 -2.92 0.00	29.41 -3.38 0.00	36.90 -4.28 1.62	43.39 -4.78 3.76	44.27 -4.50 3.60	42.69 -4.12 0.01	34.78 -3.48 0.01	27.72 -2.22 0.00	24.44 -2.10 0.00
NM_ST_REGIS___HYD 24053	19.80 0.12 0.00	16.26 0.05 0.00	15.79 0.08 0.00	15.10 0.08 0.00	16.33 0.10 0.00	20.72 0.23 0.00	26.23 0.56 0.00	28.05 0.84 0.00	26.63 0.80 0.00	23.10 0.67 0.00	23.70 0.78 0.00	23.42 0.77 0.00	24.53 0.85 0.00	25.93 0.88 0.00	27.99 0.92 0.00	29.38 1.05 0.00	33.93 1.15 0.00	43.96 1.63 0.47	52.91 2.08 1.09	53.32 1.99 1.04	48.41 1.59 0.00	39.53 1.26 0.00	30.44 0.51 0.00	26.54 0.00 0.00
NORTHPORT___1 23551	21.45 1.75 -0.01	17.69 1.47 -0.01	17.00 1.29 0.00	16.23 1.20 0.00	17.58 1.35 0.00	21.93 1.43 0.00	27.52 1.85 -0.01	29.15 1.93 -0.01	27.30 1.47 0.00	24.05 1.62 -0.01	24.53 1.60 -0.01	24.27 1.61 -0.01	25.34 1.66 -0.01	26.82 1.75 -0.01	29.21 2.11 -0.03	33.31 2.35 -2.63	39.79 2.69 -4.31	45.01 2.61 0.40	56.44 2.91 -1.61	54.04 2.93 1.26	51.41 2.57 -2.02	41.37 2.03 -1.07	36.25 2.34 -3.98	29.78 2.47 -0.77
NORTHPORT___2 23552	21.45 1.75 -0.01	17.69 1.47 -0.01	17.00 1.29 0.00	16.23 1.20 0.00	17.58 1.35 0.00	21.93 1.43 0.00	27.52 1.85 -0.01	29.15 1.93 -0.01	27.30 1.47 0.00	24.05 1.62 -0.01	24.53 1.60 -0.01	24.27 1.61 -0.01	25.34 1.66 -0.01	26.82 1.75 -0.01	29.21 2.11 -0.03	33.31 2.35 -2.63	39.79 2.69 -4.31	45.01 2.61 0.40	56.44 2.91 -1.61	54.04 2.93 1.26	51.41 2.57 -2.02	41.37 2.03 -1.07	36.25 2.34 -3.98	29.78 2.47 -0.77
NORTHPORT___3 23553	21.64 1.95 -0.01	17.82 1.60 -0.01	17.09 1.38 0.00	16.30 1.28 0.00	17.70 1.46 0.00	22.05 1.56 0.00	27.73 2.05 -0.01	29.36 2.15 -0.01	27.54 1.70 0.00	24.28 1.84 -0.01	24.78 1.86 -0.01	24.57 1.90 -0.01	25.68 1.99 -0.01	27.19 2.13 -0.01	27.60 0.49 -0.04	31.84 0.60 -2.92	38.28 0.89 -4.61	43.05 0.52 0.27	54.45 0.63 -1.91	51.41 0.16 1.11	49.28 0.19 -2.27	39.36 -0.11 -1.20	35.54 1.32 -4.29	28.15 0.74 -0.86
NORTHPORT___4 23650	21.64 1.95 -0.01	17.82 1.60 -0.01	17.09 1.38 0.00	16.30 1.28 0.00	17.70 1.46 0.00	22.05 1.56 0.00	27.73 2.05 -0.01	29.36 2.15 -0.01	27.54 1.70 0.00	24.28 1.84 -0.01	24.78 1.86 -0.01	24.57 1.90 -0.01	25.68 1.99 -0.01	27.19 2.13 -0.01	27.60 0.49 -0.04	31.84 0.60 -2.92	38.28 0.89 -4.61	43.05 0.52 0.27	54.45 0.63 -1.91	51.41 0.16 1.11	49.28 0.19 -2.27	39.36 -0.11 -1.20	35.54 1.32 -4.29	28.15 0.74 -0.86
NORTHPORT___IC 23718	21.45 1.75 -0.01	17.72 1.51 -0.01	16.99 1.29 0.00	16.23 1.20 0.00	17.63 1.40 0.00	21.93 1.43 0.00	27.52 1.85 -0.01	29.15 1.93 -0.01	27.33 1.50 0.00	24.05 1.61 -0.01	24.53 1.60 -0.01	24.27 1.61 -0.01	25.34 1.66 -0.01	26.82 1.75 -0.01	29.21 2.11 -0.03	33.51 2.55 -2.63	39.69 2.59 -4.31	45.14 2.74 0.40	56.39 2.86 -1.61	54.09 2.98 1.26	51.69 2.86 -2.02	41.87 2.53 -1.07	36.55 2.63 -3.98	29.81 2.49 -0.77
NORTH___COUNTRY_ESR 323785	19.51 -0.18 0.00	16.05 -0.16 0.00	15.58 -0.13 0.00	14.90 -0.12 0.00	16.14 -0.10 0.00	20.47 -0.02 0.00	25.85 0.18 0.00	27.59 0.38 0.00	26.19 0.36 0.00	22.74 0.31 0.00	23.28 0.37 0.00	23.01 0.36 0.00	24.08 0.40 0.00	25.48 0.43 0.00	27.50 0.43 0.00	28.81 0.48 0.00	33.31 0.52 0.00	43.06 0.73 0.47	51.72 0.88 1.09	52.16 0.84 1.04	47.47 0.66 0.00	38.77 0.50 0.00	29.94 0.00 0.00	26.20 -0.35 0.00
NPX_GEN_1385_PROXY 323591	21.35 1.65 -0.01	17.77 1.56 -0.01	17.09 1.38 0.00	16.30 1.28 0.00	17.60 1.36 0.00	21.87 1.37 0.00	27.63 1.95 -0.01	29.44 2.23 -0.01	27.07 1.24 0.00	23.81 1.37 -0.01	24.28 1.35 -0.01	23.98 1.31 -0.01	25.01 1.33 -0.01	26.41 1.35 -0.01	27.83 1.62 0.86	32.83 1.87 -2.63	39.26 2.16 -4.31	44.41 2.01 0.40	55.97 2.44 -1.61	54.15 3.04 1.26	51.36 2.53 -2.02	43.98 2.10 -3.60	35.85 2.31 -3.61	27.81 2.65 1.39
NPX_GEN_CSC 323557	21.35 1.65 -0.01	17.58 1.36 -0.01	16.87 1.16 0.00	16.09 1.07 0.00	17.48 1.25 0.00	21.79 1.29 0.00	27.63 1.95 -0.01	29.28 2.07 -0.01	27.15 1.32 0.00	24.07 1.64 -0.01	24.51 1.58 -0.01	24.16 1.49 -0.01	25.25 1.56 -0.01	26.72 1.65 -0.01	28.94 1.84 -0.04	33.57 1.93 -3.31	39.96 2.43 -4.74	45.31 2.57 0.06	56.74 2.96 -1.87	54.12 2.77 1.02	52.01 2.43 -2.75	43.94 1.76 -3.90	36.16 2.13 -4.10	27.49 2.12 1.18
NSINS_S_GLNS_FALLS 23858	20.92 1.24 0.00	17.24 1.04 0.00	16.70 0.99 0.00	15.96 0.93 0.00	17.29 1.06 0.00	21.95 1.46 0.00	27.26 1.59 0.00	28.67 1.47 0.00	27.07 1.24 0.00	23.37 0.94 0.00	23.84 0.92 0.00	23.54 0.88 0.00	24.60 0.92 0.00	26.08 1.03 0.00	28.31 1.25 0.00	29.09 0.82 0.06	33.54 1.11 0.36	42.69 1.46 1.56	50.12 1.82 3.62	50.68 1.78 3.47	48.54 1.73 0.01	39.53 1.26 0.01	31.16 1.23 0.00	28.40 1.86 0.00
NUCOR_STEEL___DRP 24197	19.66 -0.02 0.00	16.19 -0.02 0.00	15.69 -0.02 0.00	15.02 0.00 0.00	16.17 -0.06 0.00	20.35 -0.14 0.00	25.38 -0.28 0.00	26.88 -0.33 0.00	25.57 -0.26 0.00	22.16 -0.27 0.00	22.62 -0.30 0.00	22.31 -0.34 0.00	23.32 -0.36 0.00	24.68 -0.38 0.00	26.69 -0.38 0.00	27.87 -0.45 0.00	32.33 -0.46 0.00	42.04 -0.34 0.42	50.84 -0.10 0.97	51.33 -0.10 0.93	46.77 -0.05 0.00	38.23 -0.04 0.00	30.03 0.09 0.00	26.65 0.11 0.00
NUMBER_THREE_WT_PWR 323818	19.55 -0.14 0.00	16.14 -0.06 0.00	15.64 -0.06 0.00	15.01 -0.02 0.00	16.32 0.08 0.00	20.64 0.14 0.00	25.62 -0.05 0.00	27.15 -0.05 0.00	25.86 0.03 0.00	22.30 -0.13 0.00	22.46 -0.46 0.00	22.20 -0.45 0.00	23.18 -0.50 0.00	24.55 -0.50 0.00	26.50 -0.57 0.00	27.85 -0.48 0.00	32.36 -0.43 0.00	41.46 -0.21 1.12	49.73 0.41 2.61	50.55 0.68 2.50	47.05 0.24 0.01	38.42 0.15 0.01	29.91 -0.03 0.00	26.46 -0.08 0.00
NYISO_LBMP_REFERENCE 24008	19.68 0.00 0.00	16.21 0.00 0.00	15.71 0.00 0.00	15.02 0.00 0.00	16.23 0.00 0.00	20.49 0.00 0.00	25.67 0.00 0.00	27.20 0.00 0.00	25.83 0.00 0.00	22.43 0.00 0.00	22.92 0.00 0.00	22.65 0.00 0.00	23.68 0.00 0.00	25.05 0.00 0.00	27.07 0.00 0.00	28.33 0.00 0.00	32.79 0.00 0.00	42.80 0.00 0.00	51.92 0.00 0.00	52.37 0.00 0.00	46.82 0.00 0.00	38.27 0.00 0.00	29.94 0.00 0.00	26.54 0.00 0.00
NYPA_BRENTWD____GT 24164	21.68 1.99 -0.01	17.85 1.64 -0.01	17.15 1.44 0.00	16.36 1.34 0.00	17.74 1.51 0.00	22.13 1.64 0.00	27.81 2.13 -0.01	29.45 2.23 -0.01	27.59 1.76 0.00	24.30 1.86 -0.01	24.78 1.86 -0.01	24.54 1.88 -0.01	25.63 1.94 -0.01	27.12 2.05 -0.01	29.44 2.33 -0.04	34.59 2.52 -3.74	40.84 3.01 -5.04	46.06 3.25 0.00	57.64 3.74 -1.98	55.06 3.66 0.98	52.87 3.23 -2.82	42.30 2.49 -1.54	37.37 2.66 -4.77	30.22 2.57 -1.10

NYPA_GOWANUS____GT5 24156	21.44 1.75 -0.01	17.64 1.43 -0.01	17.03 1.32 -0.01	16.28 1.25 -0.01	17.54 1.30 -0.01	21.96 1.46 -0.01	27.19 1.51 -0.01	28.73 1.52 0.00	27.25 1.42 0.00	23.93 1.50 0.00	24.45 1.54 0.00	24.33 1.68 0.00	25.41 1.73 0.00	26.89 1.83 -0.01	29.13 2.06 -0.01	30.67 2.27 -0.08	35.90 2.69 -0.43	44.74 3.34 1.40	52.29 3.63 3.27	52.59 3.35 3.14	49.71 2.90 0.01	40.49 2.22 0.00	32.22 2.27 -0.01	28.78 2.23 -0.01
NYPA_GOWANUS____GT6 24157	21.44 1.75 -0.01	17.64 1.43 -0.01	17.03 1.32 -0.01	16.28 1.25 -0.01	17.54 1.30 -0.01	21.96 1.46 -0.01	27.19 1.51 -0.01	28.73 1.52 0.00	27.25 1.42 0.00	23.93 1.50 0.00	24.45 1.54 0.00	24.33 1.68 0.00	25.41 1.73 0.00	26.89 1.83 -0.01	29.13 2.06 -0.01	30.67 2.27 -0.08	35.90 2.69 -0.43	44.74 3.34 1.40	52.29 3.63 3.27	52.59 3.35 3.14	49.71 2.90 0.01	40.49 2.22 0.00	32.22 2.27 -0.01	28.78 2.23 -0.01
NYPA_HARLEM__RVR__GT1 24160	21.48 1.79 -0.01	17.64 1.43 -0.01	17.02 1.30 -0.01	16.26 1.23 -0.01	17.52 1.28 -0.01	22.00 1.50 -0.01	26.97 1.31 0.01	28.56 1.36 0.01	27.17 1.34 0.01	23.86 1.44 0.01	24.38 1.47 0.01	24.25 1.61 0.01	25.30 1.63 0.01	26.75 1.70 0.01	29.01 1.95 0.01	30.51 2.13 -0.06	35.72 2.52 -0.41	44.42 3.04 1.42	51.91 3.27 3.28	52.21 2.98 3.15	49.42 2.62 0.02	40.17 1.91 0.02	32.00 2.06 0.00	28.64 2.10 0.00
NYPA_HARLEM__RVR__GT2 24161	21.48 1.79 -0.01	17.64 1.43 -0.01	17.02 1.30 -0.01	16.26 1.23 -0.01	17.52 1.28 -0.01	22.00 1.50 -0.01	26.97 1.31 0.01	28.56 1.36 0.01	27.17 1.34 0.01	23.86 1.44 0.01	24.38 1.47 0.01	24.25 1.61 0.01	25.30 1.63 0.01	26.75 1.70 0.01	29.01 1.95 0.01	30.51 2.13 -0.06	35.72 2.52 -0.41	44.42 3.04 1.42	51.91 3.27 3.28	52.21 2.98 3.15	49.42 2.62 0.02	40.17 1.91 0.02	32.00 2.06 0.00	28.64 2.10 0.00
NYPA_KENT____GT 24152	21.40 1.71 -0.01	17.61 1.39 -0.01	17.00 1.29 -0.01	16.25 1.22 -0.01	17.51 1.27 -0.01	21.94 1.43 -0.01	27.16 1.49 -0.01	28.73 1.52 0.00	27.25 1.42 0.00	23.93 1.50 0.00	24.45 1.54 0.00	24.33 1.68 0.00	25.41 1.73 0.00	26.86 1.80 -0.01	29.13 2.06 -0.01	30.64 2.24 -0.07	35.90 2.69 -0.42	44.69 3.30 1.41	52.18 3.53 3.27	52.53 3.30 3.14	49.67 2.86 0.01	40.45 2.18 0.00	32.12 2.18 0.00	28.72 2.18 0.00
NYPA_POUCH1____GT 24155	21.39 1.69 -0.01	17.59 1.38 -0.01	16.99 1.27 -0.01	16.23 1.20 -0.01	17.49 1.25 -0.01	21.90 1.39 -0.01	27.11 1.44 -0.01	28.65 1.44 0.00	27.17 1.34 0.00	23.87 1.44 0.00	24.39 1.47 0.00	24.29 1.63 0.00	25.36 1.68 0.00	26.84 1.78 -0.01	29.11 2.03 -0.01	30.62 2.21 -0.08	35.87 2.65 -0.43	44.61 3.21 1.40	52.13 3.48 3.27	52.43 3.19 3.14	49.57 2.76 0.01	40.38 2.10 0.00	32.19 2.25 -0.01	28.75 2.20 -0.01
NYPA_VERNON____GT2 24162	21.39 1.69 -0.01	17.59 1.38 -0.01	16.97 1.26 -0.01	16.22 1.19 -0.01	17.48 1.23 -0.01	21.90 1.39 -0.01	27.13 1.46 0.00	28.70 1.50 0.00	27.28 1.45 0.00	23.93 1.50 0.00	24.43 1.51 0.00	24.31 1.65 0.00	25.38 1.71 0.00	26.83 1.78 0.00	29.10 2.03 0.00	30.63 2.24 -0.07	35.86 2.65 -0.42	44.64 3.25 1.41	52.12 3.48 3.28	52.48 3.25 3.14	49.62 2.81 0.01	40.37 2.10 0.01	32.06 2.13 0.00	28.64 2.10 0.00
NYPA_VERNON____GT3 24163	21.39 1.69 -0.01	17.59 1.38 -0.01	16.97 1.26 -0.01	16.22 1.19 -0.01	17.48 1.23 -0.01	21.90 1.39 -0.01	27.13 1.46 0.00	28.70 1.50 0.00	27.28 1.45 0.00	23.93 1.50 0.00	24.43 1.51 0.00	24.31 1.65 0.00	25.38 1.71 0.00	26.83 1.78 0.00	29.10 2.03 0.00	30.63 2.24 -0.07	35.86 2.65 -0.42	44.64 3.25 1.41	52.12 3.48 3.28	52.48 3.25 3.14	49.62 2.81 0.01	40.37 2.10 0.01	32.06 2.13 0.00	28.64 2.10 0.00
NYPA____ASTORIA_CC1 323568	21.39 1.69 -0.01	17.58 1.36 -0.01	16.97 1.26 -0.01	16.22 1.19 -0.01	17.48 1.23 -0.01	21.90 1.39 -0.01	27.10 1.44 0.00	28.67 1.47 0.00	27.23 1.39 0.00	23.91 1.48 0.00	24.41 1.49 0.00	24.29 1.63 0.00	25.36 1.68 0.00	26.81 1.75 0.00	29.07 2.00 0.00	30.58 2.18 -0.07	35.83 2.62 -0.42	44.60 3.21 1.41	52.07 3.43 3.28	52.37 3.14 3.14	49.57 2.76 0.01	40.33 2.07 0.01	32.00 2.06 0.00	28.61 2.07 0.00
NYPA____ASTORIA_CC2 323569	21.39 1.69 -0.01	17.58 1.36 -0.01	16.97 1.26 -0.01	16.22 1.19 -0.01	17.48 1.23 -0.01	21.90 1.39 -0.01	27.10 1.44 0.00	28.67 1.47 0.00	27.23 1.39 0.00	23.91 1.48 0.00	24.41 1.49 0.00	24.29 1.63 0.00	25.36 1.68 0.00	26.81 1.75 0.00	29.07 2.00 0.00	30.58 2.18 -0.07	35.83 2.62 -0.42	44.60 3.21 1.41	52.07 3.43 3.28	52.37 3.14 3.14	49.57 2.76 0.01	40.33 2.07 0.01	32.00 2.06 0.00	28.61 2.07 0.00
NYPA____HOLTSVILL 23794	21.52 1.83 -0.01	17.72 1.51 -0.01	17.01 1.30 0.00	16.24 1.22 0.00	17.63 1.40 0.00	21.97 1.48 0.00	27.65 1.98 -0.01	29.28 2.07 -0.01	27.38 1.55 0.00	24.17 1.73 -0.01	24.62 1.70 -0.01	24.34 1.68 -0.01	25.44 1.75 -0.01	26.92 1.85 -0.01	29.16 2.06 -0.04	33.72 2.13 -3.26	40.09 2.59 -4.71	45.47 2.74 0.08	56.83 3.06 -1.85	54.30 2.98 1.05	52.11 2.62 -2.67	41.60 1.99 -1.34	36.66 2.31 -4.42	29.73 2.23 -0.96
NYPA____HELLGATE_GT1 24158	21.48 1.79 -0.01	17.64 1.43 -0.01	17.02 1.30 -0.01	16.26 1.23 -0.01	17.52 1.28 -0.01	22.00 1.50 -0.01	26.97 1.31 0.01	28.56 1.36 0.01	27.17 1.34 0.01	23.86 1.44 0.01	24.38 1.47 0.01	24.25 1.61 0.01	25.30 1.63 0.01	26.75 1.70 0.01	29.01 1.95 0.01	30.51 2.13 -0.06	35.72 2.52 -0.41	44.42 3.04 1.42	51.91 3.27 3.28	52.21 2.98 3.15	49.42 2.62 0.02	40.17 1.91 0.02	32.00 2.06 0.00	28.64 2.10 0.00
NYPA____HELLGATE_GT2 24159	21.48 1.79 -0.01	17.64 1.43 -0.01	17.02 1.30 -0.01	16.26 1.23 -0.01	17.52 1.28 -0.01	22.00 1.50 -0.01	26.97 1.31 0.01	28.56 1.36 0.01	27.17 1.34 0.01	23.86 1.44 0.01	24.38 1.47 0.01	24.25 1.61 0.01	25.30 1.63 0.01	26.75 1.70 0.01	29.01 1.95 0.01	30.51 2.13 -0.06	35.72 2.52 -0.41	44.42 3.04 1.42	51.91 3.27 3.28	52.21 2.98 3.15	49.42 2.62 0.02	40.17 1.91 0.02	32.00 2.06 0.00	28.64 2.10 0.00
NYS_BARGE____HYD 23848	18.72 -0.96 0.00	15.27 -0.94 0.00	14.89 -0.82 0.00	14.23 -0.80 0.00	15.29 -0.94 0.00	18.92 -1.58 0.00	23.36 -2.31 0.00	24.27 -2.94 0.00	23.92 -1.91 0.00	20.77 -1.66 0.00	21.25 -1.67 0.00	21.02 -1.63 0.00	22.02 -1.66 0.00	23.13 -1.93 0.00	25.22 -1.84 0.00	26.34 -1.98 0.00	30.20 -2.59 0.00	38.12 -3.08 1.60	44.67 -3.53 3.72	45.72 -3.09 3.56	44.09 -2.72 0.01	36.04 -2.22 0.01	28.41 -1.53 0.00	25.22 -1.33 0.00
OAK ORCHARD____HYD 24046	19.17 -0.51 0.00	15.69 -0.52 0.00	15.24 -0.47 0.00	14.59 -0.44 0.00	15.70 -0.54 0.00	19.61 -0.88 0.00	24.46 -1.21 0.00	25.73 -1.47 0.00	24.90 -0.93 0.00	21.51 -0.92 0.00	22.02 -0.89 0.00	21.82 -0.84 0.00	22.83 -0.85 0.00	24.05 -1.00 0.00	26.12 -0.95 0.00	27.36 -0.96 0.00	31.47 -1.31 0.00	39.78 -1.46 1.57	46.83 -1.45 3.64	47.73 -1.15 3.49	45.78 -1.03 0.01	37.46 -0.81 0.01	29.40 -0.54 0.00	26.06 -0.48 0.00

OAKDALE___35_KV_LOAD 356122	19.80 0.12 0.00	16.29 0.08 0.00	15.79 0.08 0.00	15.11 0.09 0.00	16.25 0.02 0.00	20.41 -0.08 0.00	25.44 -0.23 0.00	26.82 -0.38 0.00	25.57 -0.26 0.00	22.21 -0.22 0.00	22.67 -0.25 0.00	22.40 -0.25 0.00	23.39 -0.28 0.00	24.75 -0.30 0.00	26.82 -0.24 0.00	28.07 -0.25 0.00	32.52 -0.26 0.00	41.02 -0.21 1.56	48.26 -0.05 3.61	48.97 0.05 3.45	46.81 0.00 0.01	38.26 0.00 0.01	30.09 0.15 0.00	26.73 0.19 0.00
OCC_CHEM___DRP 24175	18.31 -1.38 0.00	14.89 -1.31 0.00	14.53 -1.18 0.00	13.88 -1.14 0.00	14.69 -1.54 0.00	18.63 -1.86 0.00	22.95 -2.72 0.00	23.78 -3.43 0.00	23.46 -2.38 0.00	20.43 -2.00 0.00	20.88 -2.04 0.00	20.66 -1.99 0.00	21.59 -2.08 0.00	22.65 -2.41 0.00	24.74 -2.33 0.00	25.49 -2.83 0.00	29.48 -3.31 0.00	36.99 -4.19 1.62	43.55 -4.62 3.75	44.37 -4.40 3.59	42.83 -3.98 0.01	34.86 -3.41 0.01	27.78 -2.16 0.00	24.50 -2.04 0.00
OH_GEN_PROXY 24063	18.58 -1.10 0.00	15.17 -1.04 0.00	14.76 -0.94 0.00	14.11 -0.92 0.00	15.16 -1.07 0.00	18.79 -1.70 0.00	23.33 -2.34 0.00	24.24 -2.96 0.00	23.89 -1.94 0.00	20.77 -1.66 0.00	21.25 -1.67 0.00	21.00 -1.65 0.00	21.95 -1.73 0.00	23.05 -2.01 0.00	25.12 -1.95 0.00	26.23 -2.10 0.00	30.07 -2.72 0.00	37.79 -3.38 1.63	44.30 -3.84 3.78	45.35 -3.40 3.61	43.77 -3.04 0.01	38.31 -2.49 -2.52	27.89 -1.68 0.37	22.89 -1.49 2.16
OLIN_CORP_DRP 24177	18.54 -1.14 0.00	15.09 -1.12 0.00	14.76 -0.94 0.00	14.09 -0.93 0.00	14.89 -1.35 0.00	18.55 -1.95 0.00	23.10 -2.57 0.00	23.91 -3.29 0.00	23.58 -2.25 0.00	20.52 -1.91 0.00	20.97 -1.95 0.00	20.75 -1.90 0.00	21.71 -1.97 0.00	22.77 -2.28 0.00	24.87 -2.19 0.00	25.64 -2.69 0.00	29.67 -3.11 0.00	37.25 -3.94 1.61	43.77 -4.41 3.74	44.65 -4.14 3.58	43.11 -3.70 0.01	35.12 -3.14 0.01	27.96 -1.98 0.00	24.63 -1.91 0.00
OLIN_CORP_DSASP 323712	18.31 -1.38 0.00	14.93 -1.28 0.00	14.53 -1.18 0.00	13.88 -1.14 0.00	14.92 -1.31 0.00	18.46 -2.03 0.00	23.00 -2.67 0.00	23.78 -3.43 0.00	23.48 -2.35 0.00	20.43 -2.00 0.00	20.90 -2.02 0.00	20.66 -1.99 0.00	21.62 -2.06 0.00	22.67 -2.38 0.00	24.71 -2.35 0.00	25.81 -2.52 0.00	29.54 -3.25 0.00	37.16 -4.02 1.62	43.49 -4.67 3.75	44.53 -4.24 3.59	43.02 -3.79 0.01	35.20 -3.06 0.01	27.81 -2.12 0.00	24.68 -1.86 0.00
ONEIDA_HERK_LFGE 323681	19.94 0.26 0.00	16.45 0.24 0.00	15.93 0.22 0.00	15.26 0.24 0.00	16.54 0.31 0.00	20.88 0.39 0.00	25.92 0.26 0.00	27.42 0.22 0.00	26.04 0.21 0.00	22.52 0.09 0.00	22.83 -0.09 0.00	22.56 -0.09 0.00	23.56 -0.12 0.00	24.98 -0.07 0.00	26.96 -0.11 0.00	28.27 -0.06 0.00	32.82 0.03 0.00	41.65 0.30 1.46	49.37 0.83 3.38	50.18 1.05 3.23	47.51 0.70 0.01	38.84 0.57 0.01	30.39 0.45 0.00	27.02 0.48 0.00
ONEIDA___115KV_TB4 55905	20.22 0.53 0.00	16.66 0.45 0.00	16.13 0.42 0.00	15.44 0.42 0.00	16.71 0.47 0.00	21.07 0.57 0.00	26.15 0.49 0.00	27.64 0.44 0.00	26.22 0.39 0.00	22.68 0.25 0.00	23.06 0.14 0.00	22.79 0.14 0.00	23.80 0.12 0.00	25.23 0.18 0.00	27.23 0.16 0.00	28.55 0.23 0.00	33.18 0.39 0.00	42.14 0.73 1.39	50.06 1.35 3.21	50.86 1.57 3.08	48.07 1.26 0.01	39.30 1.03 0.01	30.80 0.87 0.00	27.39 0.85 0.00
ONONDAGA_REF_OCCRA 23987	19.63 -0.06 0.00	16.16 -0.05 0.00	15.66 -0.05 0.00	14.98 -0.05 0.00	16.14 -0.10 0.00	20.29 -0.20 0.00	25.28 -0.39 0.00	26.74 -0.46 0.00	25.47 -0.36 0.00	22.09 -0.34 0.00	22.55 -0.37 0.00	22.27 -0.39 0.00	23.25 -0.43 0.00	24.63 -0.43 0.00	26.61 -0.46 0.00	27.79 -0.54 0.00	32.23 -0.56 0.00	41.30 -0.64 0.86	49.41 -0.52 1.99	49.94 -0.52 1.90	46.35 -0.47 0.01	37.85 -0.42 0.01	29.79 -0.15 0.00	26.54 0.00 0.00
ONONDAGA___COGEN 23986	19.61 -0.08 0.00	16.14 -0.06 0.00	15.64 -0.06 0.00	14.98 -0.05 0.00	16.14 -0.10 0.00	20.31 -0.18 0.00	25.33 -0.33 0.00	26.80 -0.41 0.00	25.50 -0.34 0.00	22.12 -0.31 0.00	22.57 -0.34 0.00	22.27 -0.39 0.00	23.28 -0.40 0.00	24.63 -0.43 0.00	26.61 -0.46 0.00	27.82 -0.51 0.00	32.23 -0.56 0.00	41.93 -0.56 0.31	50.78 -0.42 0.73	51.25 -0.42 0.70	46.44 -0.37 0.00	37.97 -0.31 0.00	29.85 -0.09 0.00	26.54 0.00 0.00
ONTARIO___LFGE 23819	19.65 -0.04 0.00	16.13 -0.08 0.00	15.64 -0.06 0.00	14.98 -0.04 0.00	16.15 -0.08 0.00	20.27 -0.22 0.00	25.28 -0.38 0.00	27.18 -0.03 0.00	25.96 0.13 0.00	22.47 0.04 0.00	22.94 0.02 0.00	22.63 -0.02 0.00	23.66 -0.02 0.00	25.05 0.00 0.00	27.12 0.05 0.00	28.41 0.09 0.00	32.89 0.10 0.00	42.72 0.73 0.81	51.07 1.04 1.89	51.71 1.15 1.81	47.80 0.98 0.01	39.34 1.07 0.01	30.74 0.81 0.00	27.02 0.48 0.00
ORANGEVILLE_WT_PWR 323706	19.09 -0.59 0.00	15.59 -0.62 0.00	15.17 -0.53 0.00	14.50 -0.53 0.00	15.58 -0.65 0.00	19.39 -1.11 0.00	24.02 -1.64 0.00	25.03 -2.18 0.00	24.39 -1.45 0.00	21.20 -1.23 0.00	21.66 -1.26 0.00	21.43 -1.22 0.00	22.45 -1.23 0.00	23.65 -1.40 0.00	25.74 -1.33 0.00	26.88 -1.44 0.00	30.85 -1.93 0.00	39.12 -2.14 1.54	46.16 -2.18 3.58	47.31 -1.62 3.43	45.27 -1.54 0.01	36.96 -1.30 0.01	29.04 -0.90 0.00	25.40 -1.14 0.00
ORANGEVILLE___ESR 323794	19.09 -0.59 0.00	15.59 -0.62 0.00	15.17 -0.53 0.00	14.50 -0.53 0.00	15.58 -0.65 0.00	19.39 -1.11 0.00	24.02 -1.64 0.00	25.03 -2.18 0.00	24.39 -1.45 0.00	21.20 -1.23 0.00	21.66 -1.26 0.00	21.43 -1.22 0.00	22.45 -1.23 0.00	23.65 -1.40 0.00	25.74 -1.33 0.00	26.88 -1.44 0.00	30.85 -1.93 0.00	39.12 -2.14 1.54	46.16 -2.18 3.58	47.31 -1.62 3.43	45.27 -1.54 0.01	36.96 -1.30 0.01	29.04 -0.90 0.00	25.40 -1.14 0.00
OSWEGATCHIE___HYD 24044	19.25 -0.43 0.00	15.88 -0.32 0.00	15.38 -0.33 0.00	14.75 -0.27 0.00	16.04 -0.19 0.00	20.33 -0.16 0.00	25.33 -0.33 0.00	26.93 -0.27 0.00	25.55 -0.28 0.00	22.05 -0.38 0.00	22.35 -0.57 0.00	22.06 -0.59 0.00	23.06 -0.62 0.00	24.45 -0.60 0.00	26.36 -0.70 0.00	27.70 -0.62 0.00	32.20 -0.59 0.00	41.43 -0.51 0.86	49.88 -0.05 1.99	50.68 0.21 1.90	46.72 -0.09 0.01	38.23 -0.04 0.01	29.58 -0.36 0.00	26.04 -0.51 0.00
OSWEGO___5 23606	19.31 -0.37 0.00	15.92 -0.29 0.00	15.42 -0.28 0.00	14.75 -0.27 0.00	15.93 -0.31 0.00	20.00 -0.49 0.00	24.95 -0.72 0.00	26.39 -0.82 0.00	25.14 -0.70 0.00	21.80 -0.63 0.00	22.25 -0.67 0.00	21.95 -0.70 0.00	22.94 -0.73 0.00	24.28 -0.78 0.00	26.20 -0.87 0.00	27.42 -0.91 0.00	31.74 -1.05 0.00	43.48 -1.28 -1.96	55.07 -1.40 -4.55	55.31 -1.41 -4.36	45.57 -1.26 -0.01	37.29 -1.00 -0.01	29.28 -0.66 0.00	26.12 -0.43 0.00
OSWEGO___6 23613	19.31 -0.37 0.00	15.92 -0.29 0.00	15.42 -0.28 0.00	14.75 -0.27 0.00	15.93 -0.31 0.00	20.00 -0.49 0.00	24.95 -0.72 0.00	26.39 -0.82 0.00	25.14 -0.70 0.00	21.80 -0.63 0.00	22.25 -0.67 0.00	21.95 -0.70 0.00	22.94 -0.73 0.00	24.28 -0.78 0.00	26.20 -0.87 0.00	27.42 -0.91 0.00	31.74 -1.05 0.00	43.48 -1.28 -1.96	55.07 -1.40 -4.55	55.31 -1.41 -4.36	45.57 -1.26 -0.01	37.29 -1.00 -0.01	29.28 -0.66 0.00	26.12 -0.43 0.00

OUTOKUMPU-AB___DRP 24206	18.76 -0.93 0.00	15.25 -0.96 0.00	14.89 -0.82 0.00	14.23 -0.80 0.00	15.03 -1.20 0.00	18.94 -1.56 0.00	23.46 -2.21 0.00	24.38 -2.83 0.00	24.02 -1.81 0.00	20.93 -1.50 0.00	21.38 -1.54 0.00	21.18 -1.47 0.00	22.19 -1.49 0.00	23.28 -1.78 0.00	25.44 -1.62 0.00	26.26 -2.07 0.00	30.39 -2.39 0.00	38.28 -2.91 1.61	45.07 -3.12 3.73	45.97 -2.83 3.57	44.14 -2.67 0.01	35.93 -2.33 0.01	28.53 -1.41 0.00	25.11 -1.43 0.00
OXBOW___BTM 323836	18.54 -1.14 0.00	15.12 -1.09 0.00	14.73 -0.97 0.00	14.06 -0.96 0.00	15.11 -1.12 0.00	18.71 -1.78 0.00	23.28 -2.39 0.00	24.10 -3.10 0.00	23.79 -2.04 0.00	20.70 -1.73 0.00	21.18 -1.74 0.00	20.95 -1.70 0.00	21.93 -1.75 0.00	23.03 -2.03 0.00	25.12 -1.95 0.00	26.23 -2.10 0.00	30.07 -2.72 0.00	37.90 -3.29 1.61	44.39 -3.79 3.74	45.43 -3.35 3.58	43.77 -3.04 0.01	35.78 -2.49 0.01	28.23 -1.71 0.00	25.03 -1.51 0.00
OXBOW___ 24026	18.54 -1.14 0.00	15.09 -1.12 0.00	14.73 -0.97 0.00	14.06 -0.96 0.00	14.89 -1.35 0.00	18.81 -1.68 0.00	23.23 -2.44 0.00	24.10 -3.10 0.00	23.79 -2.04 0.00	20.70 -1.73 0.00	21.15 -1.76 0.00	20.95 -1.70 0.00	21.93 -1.75 0.00	23.00 -2.05 0.00	25.14 -1.92 0.00	25.92 -2.41 0.00	30.00 -2.79 0.00	37.72 -3.47 1.61	44.44 -3.74 3.74	45.28 -3.51 3.58	43.58 -3.23 0.01	35.47 -2.79 0.01	28.20 -1.74 0.00	24.84 -1.70 0.00
OXY_CHEM_DSASP 323612	18.31 -1.38 0.00	14.89 -1.31 0.00	14.53 -1.18 0.00	13.88 -1.14 0.00	14.69 -1.54 0.00	18.63 -1.86 0.00	22.95 -2.72 0.00	23.78 -3.43 0.00	23.46 -2.38 0.00	20.43 -2.00 0.00	20.88 -2.04 0.00	20.66 -1.99 0.00	21.59 -2.08 0.00	22.65 -2.41 0.00	24.74 -2.33 0.00	25.49 -2.83 0.00	29.48 -3.31 0.00	36.99 -4.19 1.62	43.55 -4.62 3.75	44.37 -4.40 3.59	42.83 -3.98 0.01	34.86 -3.41 0.01	27.78 -2.16 0.00	24.50 -2.04 0.00
OZONE_PARK_ESR 323760	21.44 1.75 0.00	17.62 1.41 0.00	17.01 1.30 0.00	16.24 1.22 0.00	17.55 1.31 0.00	21.93 1.43 0.00	27.28 1.62 0.00	28.86 1.66 0.00	27.43 1.60 0.00	24.04 1.61 0.00	24.57 1.65 0.00	24.42 1.77 0.00	25.50 1.82 0.00	26.98 1.93 0.00	29.26 2.19 0.00	30.89 2.49 -0.07	36.16 2.95 -0.42	45.03 3.64 1.41	52.54 3.89 3.28	52.90 3.67 3.14	50.13 3.32 0.01	40.87 2.60 0.01	32.21 2.28 0.00	28.80 2.26 0.00
PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	18.31 -1.38 0.00	14.89 -1.31 0.00	14.53 -1.18 0.00	13.88 -1.14 0.00	14.69 -1.54 0.00	18.63 -1.86 0.00	22.95 -2.72 0.00	23.78 -3.43 0.00	23.46 -2.38 0.00	20.43 -2.00 0.00	20.88 -2.04 0.00	20.66 -1.99 0.00	21.59 -2.08 0.00	22.65 -2.41 0.00	24.74 -2.33 0.00	25.49 -2.83 0.00	29.48 -3.31 0.00	36.99 -4.19 1.62	43.55 -4.62 3.75	44.37 -4.40 3.59	42.83 -3.98 0.01	34.86 -3.41 0.01	27.78 -2.16 0.00	24.50 -2.04 0.00
PACKARD__115KV_DUPONT_184 80571	18.31 -1.38 0.00	14.89 -1.31 0.00	14.53 -1.18 0.00	13.88 -1.14 0.00	14.69 -1.54 0.00	18.63 -1.86 0.00	22.95 -2.72 0.00	23.78 -3.43 0.00	23.46 -2.38 0.00	20.43 -2.00 0.00	20.88 -2.04 0.00	20.66 -1.99 0.00	21.59 -2.08 0.00	22.65 -2.41 0.00	24.74 -2.33 0.00	25.49 -2.83 0.00	29.48 -3.31 0.00	36.99 -4.19 1.62	43.55 -4.62 3.75	44.37 -4.40 3.59	42.83 -3.98 0.01	34.86 -3.41 0.01	27.78 -2.16 0.00	24.50 -2.04 0.00
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	21.44 1.75 -0.01	17.63 1.41 -0.01	17.00 1.29 -0.01	16.23 1.20 -0.01	17.56 1.31 -0.01	21.96 1.46 -0.01	27.00 1.33 0.00	28.56 1.36 0.00	27.15 1.32 0.00	23.80 1.37 0.00	24.32 1.40 0.00	24.19 1.54 0.00	25.27 1.59 0.00	26.71 1.65 0.00	28.96 1.89 0.00	30.55 2.15 -0.07	35.70 2.49 -0.42	44.47 3.08 1.41	51.86 3.22 3.28	52.22 2.98 3.14	49.48 2.67 0.01	40.37 2.11 0.01	32.00 2.07 0.00	28.72 2.18 0.00
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	21.58 1.89 -0.01	17.74 1.52 -0.01	17.11 1.40 -0.01	16.35 1.32 -0.01	17.67 1.43 -0.01	22.08 1.58 -0.01	27.16 1.49 0.00	28.73 1.52 0.00	27.28 1.45 0.00	23.93 1.50 0.00	24.45 1.54 0.00	24.33 1.68 0.00	25.38 1.70 0.00	26.86 1.80 0.00	29.15 2.08 0.00	30.75 2.35 -0.07	35.93 2.72 -0.42	44.77 3.38 1.41	52.23 3.58 3.28	52.58 3.35 3.14	49.85 3.04 0.01	40.64 2.37 0.01	32.24 2.31 0.00	28.90 2.36 0.00
PATROON__115KV_TB1 80586	20.53 0.85 0.00	16.95 0.75 0.00	16.40 0.69 0.00	15.67 0.65 0.00	16.93 0.70 0.00	21.25 0.76 0.00	26.31 0.64 0.00	27.67 0.46 0.00	26.17 0.34 0.00	22.72 0.29 0.00	23.17 0.25 0.00	22.95 0.29 0.00	23.96 0.28 0.00	25.38 0.33 0.00	27.47 0.41 0.00	28.73 0.45 0.05	33.05 0.59 0.33	41.83 0.56 1.53	48.94 0.57 3.55	49.65 0.68 3.40	47.51 0.70 0.01	38.80 0.54 0.01	30.74 0.81 0.00	27.55 1.01 0.00
PATTRSNVILLE___SOLAR 323815	20.61 0.93 0.00	16.99 0.78 0.00	16.45 0.74 0.00	15.72 0.69 0.00	17.00 0.76 0.00	21.39 0.90 0.00	26.56 0.90 0.00	27.88 0.68 0.00	26.32 0.49 0.00	22.77 0.34 0.00	23.22 0.30 0.00	22.95 0.29 0.00	23.99 0.31 0.00	25.38 0.32 0.00	27.50 0.43 0.00	28.68 0.40 0.04	33.10 0.59 0.27	42.13 0.90 1.57	49.52 1.24 3.64	50.51 1.63 3.49	48.35 1.54 0.01	39.52 1.26 0.01	31.13 1.20 0.00	27.87 1.33 0.00
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	18.96 -0.73 0.00	15.45 -0.76 0.00	15.06 -0.64 0.00	14.38 -0.65 0.00	15.24 -0.99 0.00	19.12 -1.37 0.00	23.84 -1.82 0.00	25.06 -2.15 0.00	24.64 -1.19 0.00	21.49 -0.94 0.00	21.96 -0.96 0.00	21.72 -0.93 0.00	22.73 -0.95 0.00	23.93 -1.13 0.00	26.12 -0.95 0.00	27.05 -1.27 0.00	31.31 -1.48 0.00	39.33 -1.88 1.59	46.35 -1.87 3.70	47.20 -1.62 3.54	45.22 -1.59 0.01	36.73 -1.53 0.01	29.04 -0.90 0.00	25.40 -1.14 0.00
PAWLING_115_KV_BK3_REV_LBMP_H 345028	21.20 1.52 0.00	17.46 1.25 0.00	16.84 1.13 0.00	16.11 1.08 0.00	17.42 1.19 0.00	21.80 1.31 0.00	27.13 1.46 0.00	28.67 1.47 0.00	27.15 1.32 0.00	23.66 1.23 0.00	24.16 1.24 0.00	23.97 1.31 0.00	25.05 1.37 0.00	26.56 1.50 0.00	28.83 1.76 0.00	30.35 1.95 -0.07	35.53 2.33 -0.41	44.38 3.00 1.42	51.96 3.32 3.28	52.37 3.14 3.14	49.76 2.95 0.01	40.64 2.37 0.01	32.06 2.13 0.00	28.64 2.10 0.00
PEEKSKILL___ 23653	21.10 1.42 0.00	17.36 1.15 0.00	16.76 1.05 0.00	16.02 0.99 0.00	17.27 1.04 0.00	21.64 1.15 0.00	26.92 1.26 0.00	28.48 1.28 0.00	27.02 1.19 0.00	23.62 1.19 0.00	24.11 1.19 0.00	23.94 1.29 0.00	25.00 1.33 0.00	26.48 1.43 0.00	28.72 1.65 0.00	30.18 1.79 -0.07	35.36 2.16 -0.41	44.05 2.65 1.41	51.51 2.85 3.27	51.96 2.72 3.13	49.24 2.43 0.01	40.10 1.84 0.01	31.76 1.83 0.00	28.37 1.83 0.00
PGE MADISON___WINDPWR 24146	20.85 1.16 0.00	17.21 1.01 0.00	16.63 0.93 0.00	15.94 0.92 0.00	17.29 1.05 0.00	21.82 1.33 0.00	27.00 1.33 0.00	28.51 1.31 0.00	26.30 0.47 0.00	22.68 0.25 0.00	23.03 0.12 0.00	22.72 0.07 0.00	23.75 0.07 0.00	25.18 0.13 0.00	27.74 0.68 0.00	29.21 0.88 0.00	34.06 1.28 0.00	43.61 2.27 1.46	52.34 3.79 3.37	53.48 4.34 3.23	50.37 3.56 0.01	41.17 2.91 0.01	32.03 2.09 0.00	28.19 1.65 0.00

PIERCEFIELD___HYD 23852	19.05 -0.63 0.00	15.67 -0.53 0.00	15.20 -0.50 0.00	14.56 -0.47 0.00	15.83 -0.41 0.00	20.14 -0.35 0.00	25.31 -0.36 0.00	27.12 -0.08 0.00	25.65 -0.18 0.00	22.21 -0.22 0.00	22.67 -0.25 0.00	22.38 -0.27 0.00	23.44 -0.24 0.00	24.83 -0.23 0.00	26.77 -0.30 0.00	28.10 -0.23 0.00	32.56 -0.23 0.00	41.99 -0.17 0.64	50.33 -0.10 1.49	50.94 0.00 1.42	46.58 -0.23 0.00	38.23 -0.04 0.00	29.34 -0.60 0.00	25.59 -0.96 0.00
PINELAWN_CC_1 323563	21.59 1.89 -0.01	17.79 1.57 -0.01	17.09 1.38 0.00	16.32 1.29 0.00	17.68 1.44 0.00	22.05 1.56 0.00	27.65 1.98 -0.01	29.23 2.01 -0.01	27.51 1.68 0.00	24.19 1.75 -0.01	24.69 1.76 -0.01	24.45 1.79 -0.01	25.54 1.85 -0.01	27.02 1.96 -0.01	29.27 2.14 -0.07	36.81 2.35 -6.14	42.22 2.82 -6.61	47.03 3.21 -1.02	58.40 3.58 -2.90	55.61 3.51 0.27	54.82 3.14 -4.86	43.27 2.45 -2.54	38.88 2.46 -6.49	30.75 2.39 -1.82
PJM_GEN_HTTP_PROXY 323702	21.24 1.55 0.00	17.49 1.28 0.00	16.89 1.18 0.00	16.14 1.11 0.00	17.37 1.14 0.00	21.79 1.29 0.00	27.08 1.41 0.00	28.65 1.44 0.00	27.20 1.37 0.00	23.84 1.41 0.00	24.36 1.44 0.00	24.19 1.54 0.00	25.27 1.59 0.00	26.73 1.68 0.00	28.99 1.92 0.00	30.55 2.15 -0.07	35.79 2.59 -0.42	44.51 3.12 1.41	51.97 3.33 3.28	52.37 3.14 3.14	49.57 2.76 0.01	42.86 2.07 -2.52	31.54 1.98 0.37	26.32 1.94 2.16
PJM_GEN_KEystone 24065	19.96 0.28 0.00	16.39 0.18 0.00	15.88 0.17 0.00	15.17 0.15 0.00	16.33 0.10 0.00	20.39 -0.10 0.00	25.36 -0.31 0.00	26.66 -0.54 0.00	25.68 -0.15 0.00	22.41 -0.02 0.00	22.90 -0.02 0.00	22.68 0.02 0.00	23.70 0.02 0.00	25.03 -0.03 0.00	27.18 0.11 0.00	28.50 0.14 -0.03	33.13 0.13 -0.21	41.14 0.13 1.79	47.74 0.10 4.28	48.42 0.21 4.16	46.30 0.14 0.66	40.74 0.00 -2.46	29.86 0.30 0.37	24.72 0.34 2.16
PJM_GEN_NEPTUNE_PROXY 323594	21.35 1.65 -0.01	17.59 1.38 -0.01	16.93 1.23 0.00	16.17 1.14 0.00	17.52 1.28 0.00	21.87 1.37 0.00	27.34 1.67 -0.01	28.84 1.63 -0.01	27.28 1.45 0.00	23.96 1.53 -0.01	24.46 1.54 -0.01	24.22 1.56 -0.01	25.27 1.59 -0.01	26.74 1.68 -0.01	28.97 1.89 -0.01	31.11 2.13 -0.65	38.31 2.49 -3.04	44.50 2.87 1.17	55.85 3.01 -0.92	53.61 3.04 1.79	50.00 2.71 -0.46	43.23 2.18 -2.78	34.21 2.06 -2.21	26.66 2.10 1.98
PJM_GEN_VFT_PROXY 323633	16.54 1.48 4.62	15.93 1.20 1.48	15.77 1.08 1.02	14.86 1.02 1.19	14.73 1.05 2.56	17.03 1.17 4.63	18.54 1.28 8.41	19.71 1.31 8.80	20.63 1.27 6.47	19.61 1.32 4.14	19.37 1.35 4.90	19.29 1.45 4.81	21.45 1.49 3.72	21.63 1.58 5.00	22.90 1.84 6.01	24.62 2.04 5.75	24.87 2.46 10.38	27.66 2.91 18.05	27.94 3.01 26.99	31.45 2.83 23.74	28.65 2.48 20.65	28.40 1.84 11.71	31.42 1.86 0.37	26.21 1.83 2.16
PLATSBURG_115KV_PMLD1 355749	19.70 0.02 0.00	16.19 -0.02 0.00	15.72 0.02 0.00	15.04 0.02 0.00	16.28 0.05 0.00	20.66 0.16 0.00	26.10 0.44 0.00	27.86 0.65 0.00	26.45 0.62 0.00	22.97 0.54 0.00	23.51 0.60 0.00	23.24 0.59 0.00	24.34 0.66 0.00	25.73 0.68 0.00	27.80 0.73 0.00	29.12 0.79 0.00	33.67 0.89 0.00	43.53 1.20 0.47	52.29 1.45 1.09	52.74 1.41 1.04	47.94 1.12 0.00	39.15 0.88 0.00	30.24 0.30 0.00	26.44 -0.11 0.00
PLEASANTVLY___LBMP 24000	20.98 1.30 0.00	17.28 1.07 0.00	16.68 0.97 0.00	15.96 0.93 0.00	17.24 1.01 0.00	21.56 1.07 0.00	26.85 1.18 0.00	28.35 1.14 0.00	26.87 1.03 0.00	23.44 1.01 0.00	23.93 1.01 0.00	23.74 1.09 0.00	24.79 1.11 0.00	26.26 1.20 0.00	28.42 1.35 0.00	29.90 1.50 -0.07	35.00 1.77 -0.44	43.55 2.18 1.43	50.94 2.34 3.32	51.44 2.25 3.18	48.92 2.11 0.01	39.95 1.68 0.01	31.52 1.59 0.00	28.27 1.73 0.00
PLSNTVLE_13_KV_13.8KVDIST 80602	21.14 1.46 0.00	17.41 1.20 0.00	16.79 1.08 0.00	16.06 1.04 0.00	17.35 1.12 0.00	21.70 1.21 0.00	27.00 1.33 0.00	28.56 1.36 0.00	27.10 1.27 0.00	23.66 1.23 0.00	24.18 1.26 0.00	24.01 1.36 0.00	25.08 1.40 0.00	26.56 1.50 0.00	28.77 1.71 0.00	30.32 1.93 -0.07	35.47 2.26 -0.42	44.17 2.78 1.42	51.65 3.01 3.28	52.05 2.83 3.14	49.43 2.62 0.01	40.33 2.07 0.01	31.82 1.89 0.00	28.48 1.94 0.00
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	21.14 1.46 0.00	17.41 1.20 0.00	16.79 1.08 0.00	16.06 1.04 0.00	17.35 1.12 0.00	21.70 1.21 0.00	27.00 1.33 0.00	28.56 1.36 0.00	27.10 1.27 0.00	23.66 1.23 0.00	24.18 1.26 0.00	24.01 1.36 0.00	25.08 1.40 0.00	26.56 1.50 0.00	28.77 1.71 0.00	30.32 1.93 -0.07	35.47 2.26 -0.42	44.17 2.78 1.42	51.65 3.01 3.28	52.05 2.83 3.14	49.43 2.62 0.01	40.33 2.07 0.01	31.82 1.89 0.00	28.48 1.94 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	21.12 1.44 0.00	17.39 1.18 0.00	16.79 1.08 0.00	16.05 1.02 0.00	17.34 1.10 0.00	21.70 1.21 0.00	27.05 1.39 0.00	28.56 1.36 0.00	27.05 1.21 0.00	23.53 1.10 0.00	24.02 1.10 0.00	23.83 1.18 0.00	24.89 1.21 0.00	26.38 1.33 0.00	28.61 1.54 0.00	30.09 1.70 -0.07	35.26 2.07 -0.40	44.04 2.65 1.42	51.60 2.96 3.28	52.16 2.93 3.14	49.53 2.72 0.01	40.45 2.18 0.01	31.88 1.95 0.00	28.51 1.96 0.00
POLETTI_____ 23519	21.28 1.59 0.00	17.50 1.30 0.00	16.89 1.18 0.00	16.14 1.11 0.00	17.44 1.20 0.00	21.78 1.29 0.00	27.05 1.39 0.00	28.62 1.41 0.00	27.18 1.34 0.00	23.80 1.37 0.00	24.34 1.42 0.00	24.19 1.54 0.00	25.27 1.59 0.00	26.73 1.68 0.00	28.99 1.92 0.00	30.56 2.18 -0.05	35.78 2.59 -0.40	44.50 3.12 1.43	51.85 3.22 3.29	52.25 3.04 3.15	49.60 2.81 0.03	40.45 2.18 0.01	31.88 1.95 0.00	28.53 1.99 0.00
POMONA___ESR 323819	21.10 1.42 0.00	17.36 1.15 0.00	16.78 1.07 0.00	16.03 1.01 0.00	17.27 1.04 0.00	21.66 1.17 0.00	26.95 1.28 0.00	28.48 1.28 0.00	27.05 1.21 0.00	23.62 1.19 0.00	24.13 1.21 0.00	23.94 1.29 0.00	25.00 1.33 0.00	26.51 1.45 0.00	28.74 1.68 0.00	30.21 1.81 -0.07	35.38 2.20 -0.40	44.14 2.74 1.40	51.69 3.01 3.24	52.09 2.83 3.11	49.38 2.57 0.01	40.10 1.84 0.01	31.73 1.80 0.00	28.35 1.81 0.00
PORT_JEFF_3 23555	21.57 1.87 -0.01	17.77 1.56 -0.01	17.06 1.35 0.00	16.27 1.25 0.00	17.66 1.43 0.00	22.01 1.52 0.00	27.70 2.03 -0.01	29.34 2.12 -0.01	27.43 1.60 0.00	24.21 1.77 -0.01	24.69 1.76 -0.01	24.41 1.74 -0.01	25.51 1.82 -0.01	26.99 1.93 -0.01	29.22 2.11 -0.04	33.89 2.18 -3.38	40.26 2.69 -4.78	45.66 2.87 0.01	57.09 3.27 -1.89	54.50 3.14 1.01	52.38 2.76 -2.80	41.72 2.07 -1.38	36.83 2.40 -4.50	29.82 2.28 -0.99
PORT_JEFF_4 23616	21.57 1.87 -0.01	17.77 1.56 -0.01	17.06 1.35 0.00	16.27 1.25 0.00	17.66 1.43 0.00	22.01 1.52 0.00	27.70 2.03 -0.01	29.34 2.12 -0.01	27.43 1.60 0.00	24.21 1.77 -0.01	24.69 1.76 -0.01	24.41 1.74 -0.01	25.51 1.82 -0.01	26.99 1.93 -0.01	29.22 2.11 -0.04	33.89 2.18 -3.38	40.26 2.69 -4.78	45.66 2.87 0.01	57.09 3.27 -1.89	54.50 3.14 1.01	52.38 2.76 -2.80	41.72 2.07 -1.38	36.83 2.40 -4.50	29.82 2.28 -0.99

PORT_JEFF_IC 23713	21.60 1.91 -0.01	17.82 1.60 -0.01	17.07 1.37 0.00	16.29 1.26 0.00	17.73 1.49 0.00	22.05 1.56 0.00	27.75 2.08 -0.01	29.39 2.18 -0.01	27.49 1.65 0.00	24.26 1.82 -0.01	24.72 1.79 -0.01	24.45 1.79 -0.01	25.56 1.87 -0.01	27.04 1.98 -0.01	29.22 2.11 -0.04	34.57 2.49 -3.75	40.71 2.92 -5.01	46.43 3.42 -0.21	57.33 3.37 -2.03	55.31 3.82 0.88	53.29 3.23 -3.24	42.49 2.68 -1.54	37.19 2.51 -4.74	29.96 2.31 -1.10
PPL PILGRIM_ST_GT1 24216	21.68 1.99 -0.01	17.85 1.64 -0.01	17.15 1.44 0.00	16.36 1.34 0.00	17.74 1.51 0.00	22.13 1.64 0.00	27.81 2.13 -0.01	29.45 2.23 -0.01	27.59 1.76 0.00	24.30 1.86 -0.01	24.78 1.86 -0.01	24.54 1.88 -0.01	25.63 1.94 -0.01	27.12 2.05 -0.01	29.44 2.33 -0.04	34.59 2.52 -3.74	40.84 3.01 -5.04	46.06 3.25 0.00	57.64 3.74 -1.98	55.06 3.66 0.98	52.87 3.23 -2.82	42.30 2.49 -1.54	37.37 2.66 -4.77	30.22 2.57 -1.10
PPL PILGRIM_ST_GT2 24217	21.68 1.99 -0.01	17.85 1.64 -0.01	17.15 1.44 0.00	16.36 1.34 0.00	17.74 1.51 0.00	22.13 1.64 0.00	27.81 2.13 -0.01	29.45 2.23 -0.01	27.59 1.76 0.00	24.30 1.86 -0.01	24.78 1.86 -0.01	24.54 1.88 -0.01	25.63 1.94 -0.01	27.12 2.05 -0.01	29.44 2.33 -0.04	34.59 2.52 -3.74	40.84 3.01 -5.04	46.06 3.25 0.00	57.64 3.74 -1.98	55.06 3.66 0.98	52.87 3.23 -2.82	42.30 2.49 -1.54	37.37 2.66 -4.77	30.22 2.57 -1.10
PPL_SHRM_GT3 24213	21.37 1.67 -0.01	17.59 1.38 -0.01	16.87 1.16 0.00	16.11 1.08 0.00	17.50 1.27 0.00	21.81 1.31 0.00	27.65 1.98 -0.01	29.28 2.07 -0.01	27.17 1.34 0.00	24.07 1.64 -0.01	24.51 1.58 -0.01	24.16 1.49 -0.01	25.25 1.56 -0.01	26.72 1.65 -0.01	28.97 1.87 -0.04	33.74 1.93 -3.48	40.06 2.43 -4.85	45.46 2.61 -0.04	56.86 3.01 -1.93	54.22 2.83 0.98	52.21 2.48 -2.91	41.50 1.80 -1.43	36.66 2.16 -4.57	29.72 2.15 -1.03
PPL_SHRM_GT4 24214	21.37 1.67 -0.01	17.59 1.38 -0.01	16.87 1.16 0.00	16.11 1.08 0.00	17.50 1.27 0.00	21.81 1.31 0.00	27.65 1.98 -0.01	29.28 2.07 -0.01	27.17 1.34 0.00	24.07 1.64 -0.01	24.51 1.58 -0.01	24.16 1.49 -0.01	25.25 1.56 -0.01	26.72 1.65 -0.01	28.97 1.87 -0.04	33.74 1.93 -3.48	40.06 2.43 -4.85	45.46 2.61 -0.04	56.86 3.01 -1.93	54.22 2.83 0.98	52.21 2.48 -2.91	41.50 1.80 -1.43	36.66 2.16 -4.57	29.72 2.15 -1.03
PROJECT___ORANGE 1 24174	19.63 -0.06 0.00	16.16 -0.05 0.00	15.66 -0.05 0.00	14.99 -0.03 0.00	16.14 -0.10 0.00	20.29 -0.20 0.00	25.28 -0.39 0.00	26.74 -0.46 0.00	25.47 -0.36 0.00	22.09 -0.34 0.00	22.55 -0.37 0.00	22.25 -0.41 0.00	23.25 -0.43 0.00	24.63 -0.43 0.00	26.58 -0.49 0.00	27.79 -0.54 0.00	32.20 -0.59 0.00	41.11 -0.68 1.01	48.95 -0.62 2.34	49.55 -0.58 2.24	46.25 -0.56 0.01	37.81 -0.46 0.01	29.79 -0.15 0.00	26.54 0.00 0.00
PROJECT___ORANGE 2 24166	19.63 -0.06 0.00	16.16 -0.05 0.00	15.66 -0.05 0.00	14.99 -0.03 0.00	16.14 -0.10 0.00	20.29 -0.20 0.00	25.28 -0.39 0.00	26.74 -0.46 0.00	25.47 -0.36 0.00	22.09 -0.34 0.00	22.55 -0.37 0.00	22.25 -0.41 0.00	23.25 -0.43 0.00	24.63 -0.43 0.00	26.58 -0.49 0.00	27.79 -0.54 0.00	32.20 -0.59 0.00	41.11 -0.68 1.01	48.95 -0.62 2.34	49.55 -0.58 2.24	46.25 -0.56 0.01	37.81 -0.46 0.01	29.79 -0.15 0.00	26.54 0.00 0.00
PUCKETT___SOLAR 323809	20.08 0.39 0.00	16.51 0.31 0.00	16.00 0.30 0.00	15.31 0.28 0.00	16.53 0.29 0.00	20.76 0.27 0.00	25.82 0.15 0.00	27.20 0.00 0.00	25.78 -0.05 0.00	22.32 -0.11 0.00	22.73 -0.18 0.00	22.43 -0.23 0.00	23.42 -0.26 0.00	24.80 -0.25 0.00	26.90 -0.16 0.00	28.21 -0.11 0.00	32.75 -0.03 0.00	41.55 0.30 1.55	49.12 0.78 3.58	49.98 1.05 3.43	47.65 0.84 0.01	38.95 0.69 0.01	30.57 0.63 0.00	27.10 0.56 0.00
PYRITES___HYD 24023	19.51 -0.18 0.00	16.08 -0.13 0.00	15.58 -0.13 0.00	14.93 -0.09 0.00	16.25 0.02 0.00	20.74 0.25 0.00	26.10 0.44 0.00	27.91 0.71 0.00	26.32 0.49 0.00	22.77 0.34 0.00	23.22 0.30 0.00	22.93 0.27 0.00	24.01 0.33 0.00	25.43 0.38 0.00	27.45 0.38 0.00	28.84 0.51 0.00	33.41 0.62 0.00	43.22 1.03 0.61	52.06 1.56 1.42	52.84 1.83 1.36	48.22 1.40 0.00	39.57 1.30 0.00	30.27 0.33 0.00	26.30 -0.24 0.00
QUAKERRD_115KV_BK1 80622	18.86 -0.83 0.00	15.43 -0.78 0.00	15.00 -0.71 0.00	14.35 -0.68 0.00	15.34 -0.89 0.00	19.33 -1.17 0.00	24.13 -1.54 0.00	25.38 -1.82 0.00	24.46 -1.37 0.00	21.15 -1.28 0.00	21.64 -1.28 0.00	21.43 -1.22 0.00	22.42 -1.25 0.00	23.65 -1.40 0.00	25.66 -1.41 0.00	26.71 -1.61 0.00	30.92 -1.87 0.00	39.00 -2.23 1.57	45.93 -2.34 3.66	46.67 -2.20 3.50	44.80 -2.01 0.01	36.58 -1.68 0.01	28.80 -1.14 0.00	25.51 -1.04 0.00
QUENSBRY_115KV_TB8 356137	20.91 1.22 0.00	17.24 1.04 0.00	16.70 0.99 0.00	15.96 0.93 0.00	17.29 1.06 0.00	21.97 1.48 0.00	27.28 1.62 0.00	28.73 1.52 0.00	27.10 1.27 0.00	23.42 0.99 0.00	23.88 0.96 0.00	23.58 0.93 0.00	24.63 0.95 0.00	26.13 1.08 0.00	28.37 1.30 0.00	29.09 0.82 0.06	33.58 1.15 0.36	42.74 1.50 1.56	50.17 1.87 3.62	50.68 1.78 3.47	48.54 1.73 0.01	39.53 1.26 0.01	31.13 1.20 0.00	28.43 1.88 0.00
RAMAPO___LBMP 323565	21.00 1.32 0.00	17.29 1.09 0.00	16.70 0.99 0.00	15.96 0.93 0.00	17.24 1.01 0.00	21.56 1.07 0.00	26.82 1.16 0.00	28.37 1.17 0.00	26.92 1.08 0.00	23.51 1.08 0.00	24.02 1.10 0.00	23.85 1.20 0.00	24.91 1.23 0.00	26.38 1.33 0.00	28.58 1.52 0.00	30.12 1.73 -0.06	35.22 2.03 -0.40	43.89 2.48 1.40	51.33 2.65 3.24	51.78 2.51 3.10	49.15 2.34 0.01	40.10 1.84 0.01	31.64 1.71 0.00	28.29 1.75 0.00
RANKINE____ 23646	18.92 -0.77 0.00	15.41 -0.79 0.00	15.03 -0.68 0.00	14.35 -0.68 0.00	15.20 -1.04 0.00	19.08 -1.41 0.00	23.74 -1.93 0.00	24.70 -2.50 0.00	24.33 -1.50 0.00	21.22 -1.21 0.00	21.68 -1.24 0.00	21.48 -1.18 0.00	22.47 -1.21 0.00	23.63 -1.43 0.00	25.79 -1.27 0.00	26.66 -1.67 0.00	30.85 -1.93 0.00	38.89 -2.31 1.60	45.87 -2.34 3.72	46.72 -2.09 3.56	44.80 -2.01 0.01	36.43 -1.84 0.01	28.86 -1.08 0.00	25.32 -1.22 0.00
RAVENSWOOD_GT2_1 24244	21.28 1.59 0.00	17.50 1.30 0.00	16.90 1.19 0.00	16.15 1.13 0.00	17.45 1.22 0.00	21.80 1.31 0.00	27.08 1.41 0.00	28.67 1.47 0.00	27.23 1.39 0.00	23.84 1.41 0.00	24.36 1.44 0.00	24.22 1.56 0.00	25.29 1.61 0.00	26.76 1.70 0.00	29.01 1.95 0.00	30.60 2.21 -0.07	35.80 2.59 -0.42	44.55 3.17 1.41	51.97 3.32 3.28	52.37 3.14 3.14	49.67 2.86 0.01	40.52 2.26 0.01	31.94 2.01 0.00	28.59 2.04 0.00
RAVENSWOOD_GT2_2 24245	21.28 1.59 0.00	17.50 1.30 0.00	16.90 1.19 0.00	16.15 1.13 0.00	17.45 1.22 0.00	21.80 1.31 0.00	27.08 1.41 0.00	28.67 1.47 0.00	27.23 1.39 0.00	23.84 1.41 0.00	24.36 1.44 0.00	24.22 1.56 0.00	25.29 1.61 0.00	26.76 1.70 0.00	29.01 1.95 0.00	30.60 2.21 -0.07	35.80 2.59 -0.42	44.55 3.17 1.41	51.97 3.32 3.28	52.37 3.14 3.14	49.67 2.86 0.01	40.52 2.26 0.01	31.94 2.01 0.00	28.59 2.04 0.00



RAVENSWOOD_GT2_3 24246	21.30 1.61 0.00	17.52 1.31 0.00	16.90 1.19 0.00	16.15 1.13 0.00	17.45 1.22 0.00	21.80 1.31 0.00	27.10 1.44 0.00	28.67 1.47 0.00	27.25 1.42 0.00	23.87 1.44 0.00	24.39 1.47 0.00	24.24 1.59 0.00	25.29 1.61 0.00	26.78 1.73 0.00	29.01 1.95 0.00	30.63 2.24 -0.07	35.83 2.62 -0.42	44.60 3.21 1.41	52.02 3.37 3.28	52.37 3.14 3.14	49.71 2.90 0.01	40.52 2.26 0.01	31.97 2.04 0.00	28.59 2.04 0.00
RAVENSWOOD_GT2_4 24247	21.30 1.61 0.00	17.52 1.31 0.00	16.90 1.19 0.00	16.15 1.13 0.00	17.45 1.22 0.00	21.80 1.31 0.00	27.10 1.44 0.00	28.67 1.47 0.00	27.25 1.42 0.00	23.87 1.44 0.00	24.39 1.47 0.00	24.24 1.59 0.00	25.29 1.61 0.00	26.78 1.73 0.00	29.01 1.95 0.00	30.63 2.24 -0.07	35.83 2.62 -0.42	44.60 3.21 1.41	52.02 3.37 3.28	52.37 3.14 3.14	49.71 2.90 0.01	40.52 2.26 0.01	31.97 2.04 0.00	28.59 2.04 0.00
RAVENSWOOD_GT3_1 24248	21.28 1.59 0.00	17.50 1.30 0.00	16.90 1.19 0.00	16.15 1.13 0.00	17.45 1.22 0.00	21.80 1.31 0.00	27.10 1.44 0.00	28.67 1.47 0.00	27.23 1.39 0.00	23.84 1.41 0.00	24.36 1.44 0.00	24.22 1.56 0.00	25.29 1.61 0.00	26.76 1.70 0.00	29.01 1.95 0.00	30.60 2.21 -0.07	35.83 2.62 -0.42	44.55 3.17 1.41	51.97 3.32 3.28	52.37 3.14 3.14	49.67 2.86 0.01	40.52 2.26 0.01	31.94 2.01 0.00	28.59 2.04 0.00
RAVENSWOOD_GT3_2 24249	21.28 1.59 0.00	17.50 1.30 0.00	16.90 1.19 0.00	16.15 1.13 0.00	17.45 1.22 0.00	21.80 1.31 0.00	27.10 1.44 0.00	28.67 1.47 0.00	27.23 1.39 0.00	23.84 1.41 0.00	24.36 1.44 0.00	24.22 1.56 0.00	25.29 1.61 0.00	26.76 1.70 0.00	29.01 1.95 0.00	30.60 2.21 -0.07	35.83 2.62 -0.42	44.55 3.17 1.41	51.97 3.32 3.28	52.37 3.14 3.14	49.67 2.86 0.01	40.52 2.26 0.01	31.94 2.01 0.00	28.59 2.04 0.00
RAVENSWOOD_GT3_3 24250	21.32 1.63 0.00	17.54 1.33 0.00	16.92 1.21 0.00	16.17 1.14 0.00	17.47 1.23 0.00	21.83 1.33 0.00	27.13 1.46 0.00	28.70 1.50 0.00	27.28 1.45 0.00	23.89 1.46 0.00	24.41 1.49 0.00	24.26 1.61 0.00	25.34 1.66 0.00	26.81 1.75 0.00	29.07 2.00 0.00	30.66 2.27 -0.07	35.86 2.66 -0.42	44.64 3.25 1.41	52.07 3.43 3.28	52.48 3.25 3.14	49.76 2.95 0.01	40.60 2.33 0.01	32.00 2.07 0.00	28.61 2.07 0.00
RAVENSWOOD_GT3_4 24251	21.32 1.63 0.00	17.54 1.33 0.00	16.92 1.21 0.00	16.17 1.14 0.00	17.47 1.23 0.00	21.83 1.33 0.00	27.13 1.46 0.00	28.70 1.50 0.00	27.28 1.45 0.00	23.89 1.46 0.00	24.41 1.49 0.00	24.26 1.61 0.00	25.34 1.66 0.00	26.81 1.75 0.00	29.07 2.00 0.00	30.66 2.27 -0.07	35.86 2.66 -0.42	44.64 3.25 1.41	52.07 3.43 3.28	52.48 3.25 3.14	49.76 2.95 0.01	40.60 2.33 0.01	32.00 2.07 0.00	28.61 2.07 0.00
RAVENSWOOD_GT_1 23729	21.39 1.69 -0.01	17.59 1.38 -0.01	16.97 1.26 -0.01	16.22 1.19 -0.01	17.54 1.30 -0.01	21.90 1.39 -0.01	27.13 1.46 0.00	28.70 1.50 0.00	27.28 1.45 0.00	23.93 1.50 0.00	24.43 1.51 0.00	24.31 1.65 0.00	25.38 1.70 0.00	26.86 1.80 0.00	29.10 2.03 0.00	30.69 2.29 -0.07	35.89 2.69 -0.42	44.68 3.30 1.41	52.12 3.48 3.28	52.48 3.25 3.14	49.71 2.90 0.01	40.56 2.30 0.01	32.06 2.13 0.00	28.69 2.15 0.00
RAVENSWOOD_GT_10 24258	21.28 1.59 0.00	17.50 1.30 0.00	16.88 1.18 0.00	16.13 1.11 0.00	17.45 1.22 0.00	21.78 1.29 0.00	27.10 1.44 0.00	28.67 1.47 0.00	27.23 1.39 0.00	23.84 1.41 0.00	24.36 1.44 0.00	24.22 1.56 0.00	25.29 1.61 0.00	26.76 1.70 0.00	29.01 1.95 0.00	30.60 2.21 -0.07	35.80 2.59 -0.42	44.55 3.17 1.41	51.97 3.32 3.28	52.37 3.14 3.14	49.67 2.86 0.01	40.52 2.26 0.01	31.94 2.01 0.00	28.59 2.04 0.00
RAVENSWOOD_GT_11 24259	21.28 1.59 0.00	17.50 1.30 0.00	16.88 1.18 0.00	16.13 1.11 0.00	17.45 1.22 0.00	21.78 1.29 0.00	27.10 1.44 0.00	28.67 1.47 0.00	27.23 1.39 0.00	23.84 1.41 0.00	24.36 1.44 0.00	24.22 1.56 0.00	25.29 1.61 0.00	26.76 1.70 0.00	29.01 1.95 0.00	30.60 2.21 -0.07	35.80 2.59 -0.42	44.55 3.17 1.41	51.97 3.32 3.28	52.37 3.14 3.14	49.67 2.86 0.01	40.52 2.26 0.01	31.94 2.01 0.00	28.59 2.04 0.00
RAVENSWOOD_GT_4 24252	21.25 1.57 0.01	17.50 1.30 0.01	16.88 1.18 0.01	16.13 1.11 0.01	17.43 1.20 0.01	21.78 1.29 0.01	27.11 1.44 0.00	28.67 1.47 0.00	27.23 1.39 0.00	23.84 1.41 0.00	24.36 1.44 0.00	24.19 1.54 0.00	25.27 1.59 0.00	26.76 1.70 0.00	28.99 1.92 0.00	30.61 2.21 -0.07	35.80 2.59 -0.42	44.56 3.17 1.41	51.97 3.32 3.28	52.37 3.14 3.14	49.67 2.86 0.01	40.52 2.26 0.01	31.94 2.01 0.00	28.56 2.02 0.00
RAVENSWOOD_GT_5 24254	21.25 1.57 0.01	17.50 1.30 0.01	16.88 1.18 0.01	16.13 1.11 0.01	17.43 1.20 0.01	21.78 1.29 0.01	27.11 1.44 0.00	28.67 1.47 0.00	27.23 1.39 0.00	23.84 1.41 0.00	24.36 1.44 0.00	24.19 1.54 0.00	25.27 1.59 0.00	26.76 1.70 0.00	28.99 1.92 0.00	30.61 2.21 -0.07	35.80 2.59 -0.42	44.56 3.17 1.41	51.97 3.32 3.28	52.37 3.14 3.14	49.67 2.86 0.01	40.52 2.26 0.01	31.94 2.01 0.00	28.56 2.02 0.00
RAVENSWOOD_GT_6 24253	21.25 1.57 0.01	17.50 1.30 0.01	16.88 1.18 0.01	16.13 1.11 0.01	17.43 1.20 0.01	21.78 1.29 0.01	27.11 1.44 0.00	28.67 1.47 0.00	27.23 1.39 0.00	23.84 1.41 0.00	24.36 1.44 0.00	24.19 1.54 0.00	25.27 1.59 0.00	26.76 1.70 0.00	28.99 1.92 0.00	30.61 2.21 -0.07	35.80 2.59 -0.42	44.56 3.17 1.41	51.97 3.32 3.28	52.37 3.14 3.14	49.67 2.86 0.01	40.52 2.26 0.01	31.94 2.01 0.00	28.56 2.02 0.00
RAVENSWOOD_GT_7 24255	21.25 1.57 0.01	17.50 1.30 0.01	16.88 1.18 0.01	16.13 1.11 0.01	17.43 1.20 0.01	21.78 1.29 0.01	27.11 1.44 0.00	28.67 1.47 0.00	27.23 1.39 0.00	23.84 1.41 0.00	24.36 1.44 0.00	24.19 1.54 0.00	25.27 1.59 0.00	26.76 1.70 0.00	28.99 1.92 0.00	30.61 2.21 -0.07	35.80 2.59 -0.42	44.56 3.17 1.41	51.97 3.32 3.28	52.37 3.14 3.14	49.67 2.86 0.01	40.52 2.26 0.01	31.94 2.01 0.00	28.56 2.02 0.00
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	21.28 1.59 0.00	17.50 1.30 0.00	16.88 1.18 0.00	16.13 1.11 0.00	17.45 1.22 0.00	21.78 1.29 0.00	27.10 1.44 0.00	28.67 1.47 0.00	27.23 1.39 0.00	23.84 1.41 0.00	24.36 1.44 0.00	24.22 1.56 0.00	25.29 1.61 0.00	26.76 1.70 0.00	29.01 1.95 0.00	30.60 2.21 -0.07	35.80 2.59 -0.42	44.55 3.17 1.41	51.97 3.32 3.28	52.37 3.14 3.14	49.67 2.86 0.01	40.52 2.26 0.01	31.94 2.01 0.00	28.59 2.04 0.00
RAVENSWOOD_GT_9 24257	21.28 1.59 0.00	17.50 1.30 0.00	16.88 1.18 0.00	16.13 1.11 0.00	17.45 1.22 0.00	21.78 1.29 0.00	27.10 1.44 0.00	28.67 1.47 0.00	27.23 1.39 0.00	23.84 1.41 0.00	24.36 1.44 0.00	24.22 1.56 0.00	25.29 1.61 0.00	26.76 1.70 0.00	29.01 1.95 0.00	30.60 2.21 -0.07	35.80 2.59 -0.42	44.55 3.17 1.41	51.97 3.32 3.28	52.37 3.14 3.14	49.67 2.86 0.01	40.52 2.26 0.01	31.94 2.01 0.00	28.59 2.04 0.00

RAVENSWOOD___1 23533	21.39 1.69 -0.01	17.58 1.36 -0.01	16.97 1.26 -0.01	16.22 1.19 -0.01	17.48 1.23 -0.01	21.90 1.39 -0.01	27.13 1.46 0.00	28.70 1.50 0.00	27.25 1.42 0.00	23.91 1.48 0.00	24.43 1.51 0.00	24.31 1.65 0.00	25.36 1.68 0.00	26.83 1.78 0.00	29.10 2.03 0.00	30.61 2.21 -0.07	35.86 2.65 -0.42	44.60 3.21 1.41	52.07 3.43 3.28	52.43 3.19 3.14	49.62 2.81 0.01	40.37 2.10 0.01	32.03 2.09 0.00	28.61 2.07 0.00
RAVENSWOOD___2 23534	21.36 1.67 -0.01	17.58 1.36 -0.01	16.97 1.26 -0.01	16.22 1.19 -0.01	17.48 1.23 -0.01	21.87 1.37 -0.01	27.10 1.44 0.00	28.70 1.50 0.00	27.25 1.42 0.00	23.91 1.48 0.00	24.43 1.51 0.00	24.29 1.63 0.00	25.36 1.68 0.00	26.83 1.78 0.00	29.07 2.00 0.00	30.61 2.21 -0.07	35.83 2.62 -0.42	44.60 3.21 1.41	52.07 3.43 3.28	52.43 3.19 3.14	49.62 2.81 0.01	40.33 2.07 0.01	32.03 2.09 0.00	28.61 2.07 0.00
RAVENSWOOD___3 23535	21.28 1.59 0.00	17.50 1.30 0.00	16.90 1.19 0.00	16.15 1.13 0.00	17.39 1.15 0.00	21.81 1.31 0.00	27.10 1.44 0.00	28.67 1.47 0.00	27.23 1.39 0.00	23.84 1.41 0.00	24.36 1.44 0.00	24.22 1.56 0.00	25.29 1.61 0.00	26.76 1.70 0.00	29.02 1.95 0.00	30.55 2.15 -0.07	35.79 2.59 -0.42	44.51 3.12 1.41	51.97 3.33 3.28	52.37 3.14 3.14	49.57 2.76 0.01	40.33 2.07 0.01	31.94 2.01 0.00	28.53 1.99 0.00
RAVENSWOOD___4 23820	21.36 1.67 -0.01	17.58 1.36 -0.01	16.97 1.26 -0.01	16.22 1.19 -0.01	17.46 1.22 -0.01	21.87 1.37 -0.01	27.10 1.44 0.00	28.67 1.47 0.00	27.25 1.42 0.00	23.91 1.48 0.00	24.41 1.49 0.00	24.29 1.63 0.00	25.36 1.68 0.00	26.81 1.75 0.00	29.07 2.00 0.00	30.60 2.21 -0.07	35.83 2.62 -0.42	44.60 3.21 1.41	52.07 3.43 3.28	52.43 3.19 3.14	49.62 2.81 0.01	40.33 2.07 0.01	32.00 2.06 0.00	28.61 2.07 0.00
RCPL_TRUST___DRP 24196	21.28 1.59 0.00	17.52 1.31 0.00	16.90 1.19 0.00	16.15 1.13 0.00	17.45 1.22 0.00	21.80 1.31 0.00	27.13 1.46 0.00	28.70 1.50 0.00	27.25 1.42 0.00	23.87 1.44 0.00	24.39 1.47 0.00	24.24 1.59 0.00	25.31 1.63 0.00	26.78 1.73 0.00	29.04 1.98 0.00	30.69 2.29 -0.07	35.89 2.69 -0.42	44.64 3.25 1.41	52.07 3.43 3.28	52.48 3.25 3.14	49.76 2.95 0.01	40.56 2.30 0.01	31.97 2.04 0.00	28.59 2.04 0.00
RED___ROCHESTER 323720	19.29 -0.39 0.00	15.77 -0.44 0.00	15.33 -0.38 0.00	14.66 -0.36 0.00	15.80 -0.44 0.00	19.71 -0.78 0.00	24.61 -1.05 0.00	25.90 -1.31 0.00	25.06 -0.77 0.00	21.64 -0.79 0.00	22.16 -0.76 0.00	21.95 -0.70 0.00	22.99 -0.69 0.00	24.25 -0.80 0.00	26.34 -0.73 0.00	27.59 -0.74 0.00	31.74 -1.05 0.00	40.15 -1.07 1.59	47.30 -0.93 3.68	48.21 -0.63 3.53	46.25 -0.56 0.01	37.84 -0.42 0.01	29.67 -0.27 0.00	26.28 -0.27 0.00
REGAN___SOLAR 323812	21.14 1.46 0.00	17.42 1.22 0.00	16.87 1.16 0.00	16.14 1.11 0.00	17.48 1.25 0.00	22.05 1.56 0.00	27.31 1.64 0.00	28.54 1.33 0.00	26.81 0.98 0.00	23.13 0.70 0.00	23.58 0.67 0.00	23.22 0.57 0.00	24.29 0.61 0.00	25.73 0.68 0.00	27.93 0.87 0.00	29.25 0.96 0.04	33.85 1.31 0.25	43.20 1.97 1.57	50.98 2.70 3.64	52.34 3.46 3.48	50.04 3.23 0.01	40.98 2.72 0.01	32.18 2.25 0.00	28.69 2.15 0.00
RENSSELAER___COGEN 23796	20.45 0.77 0.00	16.87 0.66 0.00	16.34 0.63 0.00	15.61 0.59 0.00	16.84 0.60 0.00	21.15 0.66 0.00	26.18 0.51 0.00	27.56 0.35 0.00	26.06 0.23 0.00	22.61 0.18 0.00	23.06 0.14 0.00	22.83 0.18 0.00	23.87 0.19 0.00	25.25 0.20 0.00	27.34 0.27 0.00	28.56 0.28 0.05	32.86 0.39 0.32	41.58 0.30 1.52	48.66 0.26 3.52	49.37 0.37 3.37	47.18 0.37 0.01	38.61 0.34 0.01	30.59 0.66 0.00	27.42 0.87 0.00
REPUBLIC_115KV_BARTNBK 55605	21.50 1.81 0.00	17.73 1.52 0.00	17.20 1.49 0.00	16.44 1.41 0.00	17.84 1.61 0.00	22.73 2.23 0.00	28.11 2.44 0.00	29.49 2.29 0.00	27.77 1.94 0.00	23.89 1.46 0.00	24.32 1.40 0.00	23.99 1.34 0.00	25.05 1.37 0.00	26.61 1.55 0.00	29.01 1.95 0.00	29.88 1.61 0.06	34.62 2.20 0.36	44.32 3.08 1.56	52.19 3.89 3.62	53.14 4.24 3.47	50.74 3.93 0.01	41.29 3.02 0.01	32.45 2.51 0.00	29.46 2.92 0.00
REVERE_CPPR_DRP 24186	20.28 0.59 0.00	16.73 0.52 0.00	16.18 0.47 0.00	15.50 0.48 0.00	16.79 0.55 0.00	21.19 0.70 0.00	26.28 0.62 0.00	27.78 0.57 0.00	26.35 0.52 0.00	22.77 0.34 0.00	23.10 0.18 0.00	22.83 0.18 0.00	23.84 0.17 0.00	25.30 0.25 0.00	27.31 0.24 0.00	28.64 0.31 0.00	33.28 0.49 0.00	42.34 0.94 1.40	50.44 1.77 3.25	51.30 2.04 3.11	48.40 1.59 0.01	39.57 1.30 0.01	30.98 1.05 0.00	27.50 0.96 0.00
REYNLDPA_13_KV_LD 356490	19.59 -0.10 0.00	16.11 -0.10 0.00	15.63 -0.08 0.00	14.95 -0.08 0.00	16.20 -0.03 0.00	20.55 0.06 0.00	25.95 0.28 0.00	27.67 0.46 0.00	26.25 0.41 0.00	22.77 0.34 0.00	23.33 0.41 0.00	23.04 0.39 0.00	24.13 0.45 0.00	25.50 0.45 0.00	27.53 0.46 0.00	28.84 0.51 0.00	33.34 0.56 0.00	43.09 0.77 0.48	51.74 0.93 1.11	52.19 0.89 1.06	47.52 0.70 0.00	38.88 0.61 0.00	30.09 0.15 0.00	26.36 -0.19 0.00
REYNOLDS_115KV_TB3 80639	20.57 0.89 0.00	16.97 0.76 0.00	16.41 0.71 0.00	15.70 0.68 0.00	16.95 0.71 0.00	21.27 0.78 0.00	26.39 0.72 0.00	27.78 0.57 0.00	26.25 0.41 0.00	22.79 0.36 0.00	23.26 0.34 0.00	23.02 0.36 0.00	24.06 0.38 0.00	25.45 0.40 0.00	27.53 0.46 0.00	28.77 0.51 0.06	33.03 0.62 0.38	41.92 0.64 1.52	49.06 0.67 3.53	49.72 0.73 3.38	47.61 0.80 0.01	38.91 0.65 0.01	30.80 0.87 0.00	27.66 1.11 0.00
RIVERBAY____ 323610	21.58 1.89 -0.01	17.74 1.52 -0.01	17.11 1.40 -0.01	16.35 1.32 -0.01	17.67 1.43 -0.01	22.08 1.58 -0.01	27.16 1.49 0.00	28.73 1.52 0.00	27.28 1.45 0.00	23.93 1.50 0.00	24.45 1.54 0.00	24.33 1.68 0.00	25.38 1.70 0.00	26.86 1.80 0.00	29.15 2.08 0.00	30.75 2.35 -0.07	35.93 2.72 -0.42	44.77 3.38 1.41	52.23 3.58 3.28	52.58 3.35 3.14	49.85 3.04 0.01	40.64 2.37 0.01	32.24 2.31 0.00	28.90 2.36 0.00
RIVERSDE_115KV_TB3 55908	20.53 0.85 0.00	16.94 0.73 0.00	16.40 0.69 0.00	15.67 0.65 0.00	16.92 0.68 0.00	21.23 0.74 0.00	26.31 0.64 0.00	27.67 0.46 0.00	26.19 0.36 0.00	22.72 0.29 0.00	23.19 0.28 0.00	22.95 0.29 0.00	23.99 0.31 0.00	25.38 0.33 0.00	27.45 0.38 0.00	28.69 0.42 0.06	32.99 0.56 0.35	41.79 0.51 1.52	48.91 0.52 3.53	49.61 0.63 3.38	47.47 0.66 0.01	38.80 0.54 0.01	30.71 0.78 0.00	27.55 1.01 0.00
ROARING___BROOK_WT_PWR 323790	19.53 -0.16 0.00	16.09 -0.11 0.00	15.61 -0.09 0.00	14.95 -0.07 0.00	16.17 -0.06 0.00	20.41 -0.08 0.00	25.51 -0.15 0.00	27.02 -0.19 0.00	25.70 -0.13 0.00	22.34 -0.09 0.00	22.83 -0.09 0.00	22.56 -0.09 0.00	23.58 -0.09 0.00	24.95 -0.10 0.00	26.96 -0.11 0.00	28.21 -0.11 0.00	32.69 -0.10 0.00	41.32 -0.13 1.35	48.64 -0.16 3.13	49.11 -0.26 2.99	46.34 -0.47 0.01	37.69 -0.57 0.01	29.40 -0.54 0.00	26.06 -0.48 0.00

ROCHESRG_115KV_T4 355643	19.11 -0.57 0.00	15.62 -0.58 0.00	15.19 -0.52 0.00	14.54 -0.48 0.00	15.52 -0.71 0.00	19.53 -0.96 0.00	24.38 -1.28 0.00	25.60 -1.61 0.00	24.77 -1.06 0.00	21.44 -0.99 0.00	21.91 -1.01 0.00	21.70 -0.95 0.00	22.73 -0.95 0.00	23.95 -1.10 0.00	26.01 -1.06 0.00	27.02 -1.30 0.00	31.28 -1.51 0.00	39.40 -1.80 1.61	46.43 -1.77 3.73	47.23 -1.57 3.57	45.40 -1.40 0.01	37.04 -1.22 0.01	29.22 -0.72 0.00	25.85 -0.69 0.00
ROCHESTER_9_IC 23652	19.19 -0.49 0.00	15.69 -0.52 0.00	15.27 -0.44 0.00	14.60 -0.42 0.00	15.58 -0.65 0.00	19.63 -0.86 0.00	24.51 -1.16 0.00	25.76 -1.44 0.00	24.93 -0.90 0.00	21.55 -0.87 0.00	22.05 -0.87 0.00	21.84 -0.82 0.00	22.87 -0.81 0.00	24.10 -0.95 0.00	26.20 -0.87 0.00	27.22 -1.10 0.00	31.51 -1.28 0.00	39.76 -1.46 1.59	46.89 -1.35 3.68	47.74 -1.10 3.53	45.78 -1.03 0.01	37.34 -0.92 0.01	29.46 -0.48 0.00	26.01 -0.53 0.00
ROCKVIEW_13_KV_LD 356306	21.24 1.56 0.00	17.47 1.26 0.00	16.85 1.15 0.00	16.12 1.10 0.00	17.42 1.19 0.00	21.76 1.27 0.00	27.10 1.44 0.00	28.67 1.47 0.00	27.23 1.39 0.00	23.80 1.37 0.00	24.32 1.40 0.00	24.15 1.50 0.00	25.22 1.54 0.00	26.71 1.65 0.00	28.96 1.89 0.00	30.52 2.12 -0.07	35.70 2.49 -0.42	44.47 3.08 1.41	52.02 3.37 3.28	52.43 3.19 3.14	49.71 2.90 0.01	40.56 2.30 0.01	31.97 2.04 0.00	28.59 2.04 0.00
ROME____115KV_TB2 80656	20.28 0.59 0.00	16.73 0.52 0.00	16.18 0.47 0.00	15.50 0.48 0.00	16.79 0.55 0.00	21.19 0.70 0.00	26.28 0.62 0.00	27.78 0.57 0.00	26.35 0.52 0.00	22.77 0.34 0.00	23.10 0.18 0.00	22.83 0.18 0.00	23.84 0.17 0.00	25.30 0.25 0.00	27.31 0.24 0.00	28.64 0.31 0.00	33.28 0.49 0.00	42.34 0.94 1.40	50.44 1.77 3.25	51.30 2.04 3.11	48.40 1.59 0.01	39.57 1.30 0.01	30.98 1.05 0.00	27.50 0.96 0.00
ROSETON___1 23587	20.98 1.30 0.00	17.26 1.05 0.00	16.68 0.97 0.00	15.94 0.92 0.00	17.19 0.96 0.00	21.56 1.06 0.00	26.82 1.16 0.00	28.35 1.14 0.00	26.87 1.03 0.00	23.44 1.01 0.00	23.95 1.03 0.00	23.76 1.11 0.00	24.82 1.14 0.00	26.28 1.23 0.00	28.47 1.41 0.00	29.89 1.50 -0.07	35.03 1.83 -0.41	43.62 2.22 1.41	51.09 2.44 3.27	51.54 2.30 3.13	48.92 2.11 0.01	39.83 1.57 0.01	31.55 1.62 0.00	28.21 1.67 0.00
ROSETON___2 23588	20.98 1.30 0.00	17.26 1.05 0.00	16.68 0.97 0.00	15.94 0.92 0.00	17.19 0.96 0.00	21.56 1.06 0.00	26.82 1.16 0.00	28.35 1.14 0.00	26.87 1.03 0.00	23.44 1.01 0.00	23.95 1.03 0.00	23.76 1.11 0.00	24.82 1.14 0.00	26.28 1.23 0.00	28.47 1.41 0.00	29.89 1.50 -0.07	35.03 1.83 -0.41	43.62 2.22 1.41	51.09 2.44 3.27	51.54 2.30 3.13	48.92 2.11 0.01	39.83 1.57 0.01	31.55 1.62 0.00	28.21 1.67 0.00
ROTRDAM_115KV_TB3 80664	20.47 0.79 0.00	16.86 0.65 0.00	16.32 0.61 0.00	15.61 0.59 0.00	16.87 0.63 0.00	21.21 0.72 0.00	26.41 0.74 0.00	27.80 0.60 0.00	26.32 0.49 0.00	22.81 0.38 0.00	23.29 0.37 0.00	23.04 0.39 0.00	24.06 0.38 0.00	25.48 0.43 0.00	27.58 0.51 0.00	28.76 0.48 0.05	33.13 0.62 0.28	42.04 0.81 1.57	49.26 0.99 3.64	49.98 1.10 3.49	47.89 1.08 0.01	39.11 0.84 0.01	30.83 0.90 0.00	27.63 1.09 0.00
RUSSELL___1 23602	19.29 -0.39 0.00	15.75 -0.45 0.00	15.33 -0.38 0.00	14.66 -0.36 0.00	15.65 -0.58 0.00	19.71 -0.78 0.00	24.61 -1.05 0.00	25.90 -1.31 0.00	25.03 -0.80 0.00	21.64 -0.79 0.00	22.14 -0.78 0.00	21.95 -0.70 0.00	22.99 -0.69 0.00	24.25 -0.80 0.00	26.36 -0.70 0.00	27.39 -0.93 0.00	31.71 -1.08 0.00	40.06 -1.16 1.59	47.30 -0.93 3.68	48.11 -0.73 3.53	46.15 -0.66 0.01	37.65 -0.61 0.01	29.64 -0.30 0.00	26.17 -0.37 0.00
RUSSELL___2 23532	19.29 -0.39 0.00	15.75 -0.45 0.00	15.33 -0.38 0.00	14.66 -0.36 0.00	15.65 -0.58 0.00	19.71 -0.78 0.00	24.61 -1.05 0.00	25.90 -1.31 0.00	25.03 -0.80 0.00	21.64 -0.79 0.00	22.14 -0.78 0.00	21.95 -0.70 0.00	22.99 -0.69 0.00	24.25 -0.80 0.00	26.36 -0.70 0.00	27.39 -0.93 0.00	31.71 -1.08 0.00	40.06 -1.16 1.59	47.30 -0.93 3.68	48.11 -0.73 3.53	46.15 -0.66 0.01	37.65 -0.61 0.01	29.64 -0.30 0.00	26.17 -0.37 0.00
RUSSELL___3 23549	19.29 -0.39 0.00	15.75 -0.45 0.00	15.33 -0.38 0.00	14.66 -0.36 0.00	15.65 -0.58 0.00	19.71 -0.78 0.00	24.61 -1.05 0.00	25.90 -1.31 0.00	25.03 -0.80 0.00	21.64 -0.79 0.00	22.14 -0.78 0.00	21.95 -0.70 0.00	22.99 -0.69 0.00	24.25 -0.80 0.00	26.36 -0.70 0.00	27.39 -0.93 0.00	31.71 -1.08 0.00	40.06 -1.16 1.59	47.30 -0.93 3.68	48.11 -0.73 3.53	46.15 -0.66 0.01	37.65 -0.61 0.01	29.64 -0.30 0.00	26.17 -0.37 0.00
RUSSELL___4 23556	19.29 -0.39 0.00	15.75 -0.45 0.00	15.33 -0.38 0.00	14.66 -0.36 0.00	15.65 -0.58 0.00	19.71 -0.78 0.00	24.61 -1.05 0.00	25.90 -1.31 0.00	25.03 -0.80 0.00	21.64 -0.79 0.00	22.14 -0.78 0.00	21.95 -0.70 0.00	22.99 -0.69 0.00	24.25 -0.80 0.00	26.36 -0.70 0.00	27.39 -0.93 0.00	31.71 -1.08 0.00	40.06 -1.16 1.59	47.30 -0.93 3.68	48.11 -0.73 3.53	46.15 -0.66 0.01	37.65 -0.61 0.01	29.64 -0.30 0.00	26.17 -0.37 0.00
RUSSELL___STATION 23914	19.29 -0.39 0.00	15.75 -0.45 0.00	15.33 -0.38 0.00	14.66 -0.36 0.00	15.65 -0.58 0.00	19.71 -0.78 0.00	24.61 -1.05 0.00	25.90 -1.31 0.00	25.03 -0.80 0.00	21.64 -0.79 0.00	22.14 -0.78 0.00	21.95 -0.70 0.00	22.99 -0.69 0.00	24.25 -0.80 0.00	26.36 -0.70 0.00	27.39 -0.93 0.00	31.71 -1.08 0.00	40.06 -1.16 1.59	47.30 -0.93 3.68	48.11 -0.73 3.53	46.15 -0.66 0.01	37.65 -0.61 0.01	29.64 -0.30 0.00	26.17 -0.37 0.00
S SALMON___HYD 24043	19.55 -0.14 0.00	16.11 -0.10 0.00	15.60 -0.11 0.00	14.93 -0.09 0.00	16.17 -0.06 0.00	20.31 -0.18 0.00	25.23 -0.44 0.00	26.69 -0.52 0.00	25.34 -0.49 0.00	21.91 -0.51 0.00	22.35 -0.57 0.00	22.09 -0.57 0.00	23.06 -0.62 0.00	24.43 -0.63 0.00	26.36 -0.70 0.00	27.59 -0.74 0.00	31.93 -0.85 0.00	41.60 -0.86 0.35	50.50 -0.62 0.80	51.18 -0.42 0.77	46.44 -0.38 0.00	38.04 -0.23 0.00	29.79 -0.15 0.00	26.49 -0.05 0.00
S.PERRY__115KV_TB1 80734	19.70 0.02 0.00	16.09 -0.11 0.00	15.68 -0.03 0.00	15.01 -0.02 0.00	16.01 -0.23 0.00	20.19 -0.31 0.00	25.20 -0.46 0.00	26.39 -0.82 0.00	25.32 -0.52 0.00	21.80 -0.63 0.00	22.23 -0.69 0.00	22.00 -0.66 0.00	23.02 -0.66 0.00	24.25 -0.80 0.00	26.36 -0.70 0.00	27.42 -0.91 0.00	30.82 -1.97 0.00	39.21 -2.10 1.50	46.83 -1.61 3.48	48.14 -0.89 3.33	46.20 -0.61 0.01	37.69 -0.57 0.01	30.44 0.51 0.00	26.57 0.03 0.00
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	18.76 -0.93 0.00	15.27 -0.94 0.00	14.91 -0.80 0.00	14.23 -0.80 0.00	15.07 -1.17 0.00	18.94 -1.56 0.00	23.51 -2.16 0.00	24.46 -2.75 0.00	24.10 -1.73 0.00	20.99 -1.44 0.00	21.45 -1.47 0.00	21.25 -1.40 0.00	22.23 -1.44 0.00	23.33 -1.73 0.00	25.47 -1.60 0.00	26.29 -2.04 0.00	30.43 -2.36 0.00	38.28 -2.91 1.61	45.11 -3.06 3.74	45.95 -2.83 3.59	44.19 -2.62 0.01	35.97 -2.30 0.01	28.53 -1.41 0.00	25.11 -1.43 0.00

SAWYER___23_KV_LOAD 55526	18.76 -0.93 0.00	15.27 -0.94 0.00	14.91 -0.80 0.00	14.23 -0.80 0.00	15.07 -1.17 0.00	18.94 -1.56 0.00	23.51 -2.16 0.00	24.46 -2.75 0.00	24.10 -1.73 0.00	20.99 -1.44 0.00	21.45 -1.47 0.00	21.25 -1.40 0.00	22.23 -1.44 0.00	23.33 -1.73 0.00	25.47 -1.60 0.00	26.29 -2.04 0.00	30.43 -2.36 0.00	38.28 -2.91 1.61	45.11 -3.06 3.74	45.95 -2.83 3.59	44.19 -2.62 0.01	35.97 -2.30 0.01	28.53 -1.41 0.00	25.11 -1.43 0.00
SELKIRK___I 23801	20.47 0.79 0.00	16.89 0.68 0.00	16.35 0.64 0.00	15.63 0.60 0.00	16.87 0.63 0.00	21.19 0.70 0.00	26.26 0.59 0.00	27.59 0.38 0.00	26.09 0.26 0.00	22.61 0.18 0.00	23.06 0.14 0.00	22.83 0.18 0.00	23.82 0.14 0.00	25.21 0.15 0.00	27.26 0.19 0.00	28.49 0.20 0.03	32.92 0.33 0.20	41.64 0.34 1.50	48.85 0.41 3.48	49.66 0.63 3.34	47.47 0.66 0.01	38.84 0.57 0.01	30.71 0.78 0.00	27.52 0.98 0.00
SELKIRK___II 23799	20.43 0.75 0.00	16.84 0.63 0.00	16.30 0.60 0.00	15.58 0.56 0.00	16.82 0.58 0.00	21.13 0.64 0.00	26.21 0.54 0.00	27.61 0.41 0.00	26.17 0.33 0.00	22.72 0.29 0.00	23.19 0.28 0.00	22.95 0.29 0.00	23.94 0.26 0.00	25.33 0.28 0.00	27.42 0.35 0.00	28.63 0.34 0.04	33.01 0.46 0.24	41.72 0.43 1.51	48.89 0.47 3.50	49.54 0.52 3.35	47.33 0.52 0.01	38.69 0.42 0.01	30.62 0.69 0.00	27.44 0.90 0.00
SENECA OSWGO___HYD 24041	19.33 -0.35 0.00	15.93 -0.28 0.00	15.42 -0.28 0.00	14.77 -0.26 0.00	15.94 -0.29 0.00	20.02 -0.47 0.00	24.97 -0.69 0.00	26.39 -0.82 0.00	25.11 -0.72 0.00	21.78 -0.65 0.00	22.23 -0.69 0.00	21.93 -0.73 0.00	22.92 -0.76 0.00	24.25 -0.80 0.00	26.17 -0.89 0.00	27.39 -0.93 0.00	31.71 -1.08 0.00	41.70 -1.24 -0.14	50.89 -1.35 -0.32	51.37 -1.31 -0.31	45.65 -1.17 0.00	37.36 -0.92 0.00	29.34 -0.60 0.00	26.17 -0.37 0.00
SENECA___115KV_TB3 355854	18.96 -0.73 0.00	15.43 -0.78 0.00	15.05 -0.66 0.00	14.36 -0.66 0.00	15.21 -1.02 0.00	19.10 -1.39 0.00	23.77 -1.90 0.00	24.73 -2.48 0.00	24.36 -1.47 0.00	21.24 -1.19 0.00	21.70 -1.21 0.00	21.50 -1.16 0.00	22.52 -1.16 0.00	23.65 -1.40 0.00	25.85 -1.22 0.00	26.71 -1.61 0.00	30.92 -1.87 0.00	38.93 -2.27 1.60	45.92 -2.28 3.72	46.82 -1.99 3.56	44.84 -1.97 0.01	36.46 -1.80 0.01	28.89 -1.05 0.00	25.35 -1.19 0.00
SENECA___ENERGY 23797	19.49 -0.20 0.00	16.01 -0.19 0.00	15.52 -0.19 0.00	14.86 -0.16 0.00	16.02 -0.21 0.00	20.13 -0.37 0.00	25.13 -0.54 0.00	26.88 -0.33 0.00	25.62 -0.21 0.00	22.21 -0.22 0.00	22.67 -0.25 0.00	22.36 -0.30 0.00	23.37 -0.31 0.00	24.75 -0.30 0.00	26.77 -0.30 0.00	28.02 -0.31 0.00	32.46 -0.33 0.00	42.20 -0.09 0.52	50.82 0.10 1.20	51.42 0.21 1.15	46.96 0.14 0.00	38.54 0.27 0.00	30.15 0.21 0.00	26.68 0.13 0.00
SHOEMAKER___GT 23640	20.71 1.02 0.00	17.07 0.86 0.00	16.51 0.80 0.00	15.77 0.75 0.00	17.00 0.76 0.00	21.31 0.82 0.00	26.56 0.90 0.00	28.05 0.84 0.00	26.61 0.77 0.00	23.17 0.74 0.00	23.65 0.73 0.00	23.47 0.81 0.00	24.51 0.83 0.00	25.95 0.90 0.00	28.12 1.05 0.00	29.52 1.13 -0.06	34.55 1.41 -0.36	43.19 1.76 1.37	50.67 1.92 3.17	51.21 1.88 3.04	48.49 1.68 0.01	39.57 1.30 0.01	31.28 1.35 0.00	27.92 1.38 0.00
SHOEMAKR_138KV_BK 111 55601	20.73 1.04 0.00	17.07 0.86 0.00	16.51 0.80 0.00	15.79 0.77 0.00	17.05 0.81 0.00	21.33 0.84 0.00	26.57 0.90 0.00	28.07 0.87 0.00	26.61 0.77 0.00	23.19 0.76 0.00	23.68 0.76 0.00	23.49 0.84 0.00	24.53 0.85 0.00	25.98 0.93 0.00	28.15 1.08 0.00	29.60 1.22 -0.06	34.58 1.44 -0.35	43.23 1.80 1.36	50.73 1.97 3.16	51.22 1.89 3.03	48.59 1.78 0.01	39.68 1.42 0.01	31.28 1.35 0.00	27.95 1.41 0.00
SHOREHAM_IC_1 23715	21.37 1.67 -0.01	17.59 1.38 -0.01	16.87 1.16 0.00	16.11 1.08 0.00	17.50 1.27 0.00	21.81 1.31 0.00	27.65 1.98 -0.01	29.28 2.07 -0.01	27.17 1.34 0.00	24.07 1.64 -0.01	24.51 1.58 -0.01	24.16 1.49 -0.01	25.25 1.56 -0.01	26.72 1.65 -0.01	28.97 1.87 -0.04	33.74 1.93 -3.48	40.06 2.43 -4.85	45.46 2.61 -0.04	56.86 3.01 -1.93	54.22 2.83 0.98	52.21 2.48 -2.91	41.50 1.80 -1.43	36.66 2.16 -4.57	29.72 2.15 -1.03
SHOREHAM_IC_2 23716	21.37 1.67 -0.01	17.63 1.41 -0.01	16.87 1.16 0.00	16.11 1.08 0.00	17.55 1.31 0.00	21.83 1.33 0.00	27.65 1.98 -0.01	29.28 2.07 -0.01	27.18 1.34 0.00	24.08 1.64 -0.01	24.51 1.58 -0.01	24.16 1.50 -0.01	25.25 1.56 -0.01	26.72 1.65 -0.01	28.97 1.87 -0.04	34.08 2.27 -3.48	40.32 2.69 -4.85	45.97 3.12 -0.04	57.28 3.43 -1.93	54.90 3.51 0.98	52.68 2.95 -2.91	42.15 2.45 -1.43	36.81 2.31 -4.57	29.69 2.12 -1.03
SISSONVILLE____ 23735	19.05 -0.63 0.00	15.67 -0.53 0.00	15.20 -0.50 0.00	14.56 -0.47 0.00	15.83 -0.41 0.00	20.14 -0.35 0.00	25.31 -0.36 0.00	27.12 -0.08 0.00	25.65 -0.18 0.00	22.21 -0.22 0.00	22.67 -0.25 0.00	22.38 -0.27 0.00	23.44 -0.24 0.00	24.83 -0.23 0.00	26.77 -0.30 0.00	28.10 -0.23 0.00	32.56 -0.23 0.00	41.99 -0.17 0.64	50.33 -0.10 1.49	50.94 0.00 1.42	46.58 -0.23 0.00	38.23 -0.04 0.00	29.34 -0.60 0.00	25.59 -0.96 0.00
SITHE_IND_GS1 24169	19.23 -0.45 0.00	15.84 -0.37 0.00	15.35 -0.36 0.00	14.68 -0.34 0.00	15.84 -0.39 0.00	19.90 -0.59 0.00	24.82 -0.85 0.00	26.25 -0.95 0.00	24.98 -0.85 0.00	21.67 -0.76 0.00	22.14 -0.78 0.00	21.82 -0.84 0.00	22.80 -0.88 0.00	24.13 -0.93 0.00	26.01 -1.06 0.00	27.22 -1.11 0.00	31.51 -1.28 0.00	36.20 -1.58 5.02	38.47 -1.82 11.63	39.45 -1.78 11.14	45.19 -1.59 0.03	36.94 -1.30 0.03	29.07 -0.87 0.00	25.98 -0.56 0.00
SITHE_IND_GS2 24170	19.23 -0.45 0.00	15.84 -0.37 0.00	15.35 -0.36 0.00	14.68 -0.34 0.00	15.84 -0.39 0.00	19.90 -0.59 0.00	24.82 -0.85 0.00	26.25 -0.95 0.00	24.98 -0.85 0.00	21.67 -0.76 0.00	22.14 -0.78 0.00	21.82 -0.84 0.00	22.80 -0.88 0.00	24.13 -0.93 0.00	26.01 -1.06 0.00	27.22 -1.11 0.00	31.51 -1.28 0.00	36.20 -1.58 5.02	38.47 -1.82 11.63	39.45 -1.78 11.14	45.19 -1.59 0.03	36.94 -1.30 0.03	29.07 -0.87 0.00	25.98 -0.56 0.00
SITHE_IND_GS3 24171	19.23 -0.45 0.00	15.84 -0.37 0.00	15.35 -0.36 0.00	14.68 -0.34 0.00	15.84 -0.39 0.00	19.90 -0.59 0.00	24.82 -0.85 0.00	26.25 -0.95 0.00	24.98 -0.85 0.00	21.67 -0.76 0.00	22.14 -0.78 0.00	21.82 -0.84 0.00	22.80 -0.88 0.00	24.13 -0.93 0.00	26.01 -1.06 0.00	27.22 -1.11 0.00	31.51 -1.28 0.00	36.20 -1.58 5.02	38.47 -1.82 11.63	39.45 -1.78 11.14	45.19 -1.59 0.03	36.94 -1.30 0.03	29.07 -0.87 0.00	25.98 -0.56 0.00
SITHE_IND_GS4 24172	19.23 -0.45 0.00	15.84 -0.37 0.00	15.35 -0.36 0.00	14.68 -0.34 0.00	15.84 -0.39 0.00	19.90 -0.59 0.00	24.82 -0.85 0.00	26.25 -0.95 0.00	24.98 -0.85 0.00	21.67 -0.76 0.00	22.14 -0.78 0.00	21.82 -0.84 0.00	22.80 -0.88 0.00	24.13 -0.93 0.00	26.01 -1.06 0.00	27.22 -1.11 0.00	31.51 -1.28 0.00	36.20 -1.58 5.02	38.47 -1.82 11.63	39.45 -1.78 11.14	45.19 -1.59 0.03	36.94 -1.30 0.03	29.07 -0.87 0.00	25.98 -0.56 0.00

SITHE___BATAVIA 24024	19.29 -0.39 0.00	15.74 -0.47 0.00	15.33 -0.38 0.00	14.68 -0.34 0.00	15.78 -0.45 0.00	19.61 -0.88 0.00	24.38 -1.28 0.00	25.54 -1.66 0.00	24.93 -0.90 0.00	21.49 -0.94 0.00	21.98 -0.94 0.00	21.79 -0.86 0.00	22.85 -0.83 0.00	24.03 -1.03 0.00	26.20 -0.87 0.00	27.45 -0.88 0.00	31.51 -1.28 0.00	40.01 -1.20 1.59	47.24 -0.99 3.69	48.36 -0.47 3.53	46.43 -0.38 0.01	38.00 -0.27 0.01	29.76 -0.18 0.00	26.28 -0.27 0.00
SITHE___INDEPEND 23800	19.23 -0.45 0.00	15.83 -0.37 0.00	15.35 -0.36 0.00	14.68 -0.35 0.00	15.81 -0.42 0.00	19.90 -0.59 0.00	24.82 -0.85 0.00	26.25 -0.95 0.00	24.98 -0.85 0.00	21.67 -0.76 0.00	22.14 -0.78 0.00	21.82 -0.84 0.00	22.80 -0.88 0.00	24.13 -0.93 0.00	26.01 -1.06 0.00	27.19 -1.13 0.00	31.48 -1.31 0.00	36.16 -1.63 5.02	38.47 -1.82 11.63	39.45 -1.78 11.14	45.19 -1.59 0.03	36.90 -1.34 0.03	29.07 -0.87 0.00	25.96 -0.58 0.00
SITHE___MASSENA 23902	19.53 -0.16 0.00	16.06 -0.15 0.00	15.60 -0.11 0.00	14.92 -0.10 0.00	16.15 -0.08 0.00	20.51 0.02 0.00	25.90 0.23 0.00	27.67 0.46 0.00	26.22 0.39 0.00	22.74 0.31 0.00	23.28 0.37 0.00	23.01 0.36 0.00	24.08 0.40 0.00	25.48 0.43 0.00	27.50 0.43 0.00	28.84 0.51 0.00	33.34 0.56 0.00	43.08 0.77 0.50	51.60 0.83 1.15	52.10 0.84 1.10	47.52 0.70 0.00	38.92 0.65 0.00	30.03 0.09 0.00	26.28 -0.27 0.00
SITHE___OGDNSBRG 24021	19.66 -0.02 0.00	16.19 -0.02 0.00	15.69 -0.02 0.00	15.02 0.00 0.00	16.33 0.10 0.00	20.82 0.33 0.00	26.23 0.56 0.00	28.05 0.84 0.00	26.48 0.65 0.00	22.90 0.47 0.00	23.40 0.48 0.00	23.11 0.45 0.00	24.18 0.50 0.00	25.61 0.55 0.00	27.63 0.57 0.00	29.01 0.68 0.00	33.61 0.82 0.00	43.48 1.24 0.56	52.38 1.77 1.31	53.11 1.99 1.25	48.41 1.59 0.00	39.72 1.45 0.00	30.47 0.54 0.00	26.52 -0.03 0.00
SITHE___STERLING 23777	20.22 0.53 0.00	16.66 0.45 0.00	16.13 0.42 0.00	15.44 0.42 0.00	16.72 0.49 0.00	21.07 0.57 0.00	26.15 0.49 0.00	27.64 0.43 0.00	26.22 0.39 0.00	22.68 0.25 0.00	23.06 0.14 0.00	22.79 0.14 0.00	23.80 0.12 0.00	25.23 0.18 0.00	27.23 0.16 0.00	28.55 0.23 0.00	33.18 0.39 0.00	42.14 0.73 1.39	50.05 1.35 3.21	50.86 1.57 3.08	48.08 1.26 0.01	39.30 1.03 0.01	30.80 0.87 0.00	27.39 0.85 0.00
SLEIGHT__34_KV_TB1 80719	19.21 -0.47 0.00	15.74 -0.47 0.00	15.28 -0.42 0.00	14.63 -0.39 0.00	15.68 -0.55 0.00	19.78 -0.72 0.00	24.69 -0.98 0.00	26.03 -1.17 0.00	25.01 -0.83 0.00	21.62 -0.81 0.00	22.09 -0.83 0.00	21.86 -0.79 0.00	22.87 -0.81 0.00	24.15 -0.90 0.00	26.20 -0.87 0.00	27.28 -1.05 0.00	31.61 -1.18 0.00	40.24 -1.24 1.32	47.72 -1.14 3.06	48.39 -1.05 2.93	45.87 -0.94 0.01	37.46 -0.80 0.01	29.46 -0.48 0.00	26.04 -0.50 0.00
SMITHTWN_69_KV_BK 1 55830	21.70 2.01 -0.01	17.89 1.67 -0.01	17.12 1.41 0.00	16.35 1.32 0.00	17.79 1.56 0.00	22.13 1.64 0.00	27.83 2.16 -0.01	29.50 2.29 -0.01	27.61 1.78 0.00	24.35 1.91 -0.01	24.83 1.90 -0.01	24.59 1.93 -0.01	25.70 2.01 -0.01	27.22 2.15 -0.01	29.08 1.98 -0.04	35.17 2.38 -4.46	41.07 2.85 -5.43	46.89 3.42 -0.67	57.77 3.53 -2.32	55.54 3.77 0.60	54.08 3.09 -4.17	42.67 2.56 -1.84	37.54 2.39 -5.21	30.01 2.15 -1.31
SOUTH CAIRO___GT 23612	20.87 1.18 0.00	17.23 1.02 0.00	16.68 0.97 0.00	15.93 0.90 0.00	17.21 0.97 0.00	21.64 1.15 0.00	26.82 1.16 0.00	28.16 0.95 0.00	26.48 0.65 0.00	22.81 0.38 0.00	23.19 0.28 0.00	22.95 0.29 0.00	23.96 0.28 0.00	25.40 0.35 0.00	27.58 0.51 0.00	28.99 0.68 0.02	33.62 0.95 0.12	42.60 1.28 1.49	50.19 1.71 3.44	51.11 2.04 3.30	48.82 2.01 0.01	39.95 1.68 0.01	31.52 1.59 0.00	28.13 1.59 0.00
SOUTH HAMPTN___IC 23720	21.58 1.89 -0.01	17.79 1.57 -0.01	17.06 1.35 0.00	16.30 1.28 0.00	17.73 1.49 0.00	22.07 1.58 0.00	27.96 2.28 -0.01	29.66 2.45 -0.01	27.56 1.73 0.00	24.43 2.00 -0.01	24.90 1.97 -0.01	24.57 1.90 -0.01	25.68 1.99 -0.01	27.17 2.10 -0.01	29.43 2.33 -0.04	34.13 2.44 -3.36	40.58 3.01 -4.77	46.20 3.43 0.02	57.80 4.00 -1.88	55.12 3.77 1.02	52.87 3.28 -2.77	42.07 2.41 -1.38	37.00 2.57 -4.49	30.03 2.49 -0.99
SOUTHDOW_115KV_TB1 355954	19.17 -0.51 0.00	15.61 -0.60 0.00	15.19 -0.52 0.00	14.51 -0.51 0.00	15.36 -0.88 0.00	19.30 -1.19 0.00	24.05 -1.62 0.00	25.14 -2.07 0.00	24.90 -0.93 0.00	21.82 -0.61 0.00	22.32 -0.60 0.00	22.11 -0.54 0.00	23.18 -0.50 0.00	24.38 -0.68 0.00	26.61 -0.46 0.00	27.56 -0.76 0.00	31.84 -0.95 0.00	40.19 -1.03 1.59	47.40 -0.83 3.69	48.21 -0.63 3.53	45.78 -1.03 0.01	37.00 -1.26 0.01	29.07 -0.87 0.00	25.43 -1.11 0.00
SOUTHOLD_69_KV_BK 2 55809	21.74 2.05 -0.01	17.94 1.72 -0.01	17.18 1.48 0.00	16.45 1.43 0.00	17.97 1.74 0.00	22.34 1.84 0.00	28.29 2.62 -0.01	30.04 2.83 -0.01	27.95 2.12 0.00	24.79 2.36 -0.01	25.27 2.34 -0.01	24.97 2.31 -0.01	26.10 2.42 -0.01	27.59 2.53 -0.01	29.89 2.79 -0.04	34.92 3.23 -3.37	41.43 3.87 -4.78	47.53 4.75 0.02	59.21 5.40 -1.89	56.75 5.39 1.02	54.09 4.49 -2.77	43.29 3.64 -1.38	37.54 3.11 -4.49	30.35 2.81 -0.99
SOUTHOLD___IC 23719	21.74 2.05 -0.01	17.92 1.70 -0.01	17.18 1.48 0.00	16.45 1.43 0.00	17.92 1.69 0.00	22.32 1.82 0.00	28.29 2.62 -0.01	30.04 2.83 -0.01	27.92 2.09 0.00	24.79 2.35 -0.01	25.29 2.36 -0.01	24.97 2.31 -0.01	26.10 2.42 -0.01	27.57 2.51 -0.01	29.89 2.79 -0.04	34.58 2.89 -3.37	41.14 3.57 -4.78	46.98 4.20 0.02	58.79 4.98 -1.89	56.01 4.66 1.02	53.62 4.03 -2.77	42.60 2.95 -1.38	37.39 2.96 -4.49	30.35 2.81 -0.99
SOUTH_FORK_WT_PWR 323839	21.64 1.95 -0.01	17.85 1.64 -0.01	17.14 1.43 0.00	16.42 1.40 0.00	17.91 1.67 0.00	22.32 1.82 0.00	28.29 2.62 -0.01	30.04 2.83 -0.01	27.92 2.09 0.00	24.81 2.38 -0.01	25.31 2.38 -0.01	25.02 2.36 -0.01	26.15 2.46 -0.01	27.59 2.53 -0.01	29.89 2.79 -0.04	34.58 2.89 -3.36	41.10 3.54 -4.77	46.93 4.15 0.02	58.68 4.88 -1.89	55.90 4.55 1.02	53.53 3.93 -2.77	42.49 2.83 -1.38	37.30 2.87 -4.49	30.32 2.79 -0.99
SPIERFLS_115KV_TB 1 80737	20.83 1.14 0.00	17.16 0.96 0.00	16.62 0.91 0.00	15.90 0.87 0.00	17.21 0.97 0.00	21.87 1.37 0.00	27.18 1.51 0.00	28.62 1.41 0.00	27.02 1.19 0.00	23.35 0.92 0.00	23.81 0.89 0.00	23.51 0.86 0.00	24.55 0.88 0.00	26.06 1.00 0.00	28.26 1.19 0.00	28.95 0.68 0.06	33.42 0.98 0.35	42.48 1.24 1.56	49.86 1.56 3.62	50.26 1.36 3.47	48.17 1.36 0.01	39.22 0.96 0.01	30.92 0.99 0.00	28.29 1.75 0.00
ST LAWRENCE____ 23600	19.41 -0.28 0.00	15.96 -0.24 0.00	15.49 -0.22 0.00	14.81 -0.21 0.00	16.06 -0.18 0.00	20.39 -0.10 0.00	25.69 0.03 0.00	27.37 0.16 0.00	25.96 0.13 0.00	22.54 0.11 0.00	23.06 0.14 0.00	22.79 0.14 0.00	23.85 0.17 0.00	25.23 0.18 0.00	27.23 0.16 0.00	28.53 0.20 0.00	33.02 0.23 0.00	42.63 0.30 0.48	51.13 0.31 1.10	51.63 0.32 1.06	47.05 0.24 0.00	38.46 0.19 0.00	29.79 -0.15 0.00	26.14 -0.40 0.00

STATE_CA_115KV_115_LB 55624	20.53 0.85 0.00	16.95 0.75 0.00	16.40 0.69 0.00	15.67 0.65 0.00	16.93 0.70 0.00	21.25 0.76 0.00	26.31 0.64 0.00	27.67 0.46 0.00	26.19 0.36 0.00	22.72 0.29 0.00	23.17 0.25 0.00	22.95 0.29 0.00	23.99 0.31 0.00	25.38 0.33 0.00	27.47 0.41 0.00	28.73 0.45 0.05	33.05 0.59 0.33	41.83 0.56 1.53	48.94 0.57 3.55	49.65 0.68 3.40	47.51 0.70 0.01	38.80 0.54 0.01	30.74 0.81 0.00	27.55 1.01 0.00
STATE_ST_34_KV_LOAD 55959	19.65 -0.04 0.00	16.16 -0.05 0.00	15.66 -0.05 0.00	14.98 -0.05 0.00	16.14 -0.10 0.00	20.31 -0.18 0.00	25.36 -0.31 0.00	26.85 -0.35 0.00	25.57 -0.26 0.00	22.16 -0.27 0.00	22.64 -0.28 0.00	22.34 -0.32 0.00	23.35 -0.33 0.00	24.73 -0.33 0.00	26.74 -0.32 0.00	27.93 -0.40 0.00	32.39 -0.39 0.00	42.07 -0.26 0.48	50.87 0.05 1.11	51.36 0.05 1.06	46.86 0.05 0.00	38.31 0.04 0.00	30.06 0.12 0.00	26.65 0.11 0.00
STATION_5_MISC_HYD 23604	19.21 -0.47 0.00	15.71 -0.50 0.00	15.27 -0.44 0.00	14.60 -0.42 0.00	15.73 -0.50 0.00	19.63 -0.86 0.00	24.51 -1.15 0.00	25.76 -1.44 0.00	24.93 -0.90 0.00	21.55 -0.88 0.00	22.05 -0.87 0.00	21.84 -0.81 0.00	22.87 -0.81 0.00	24.10 -0.95 0.00	26.17 -0.89 0.00	27.42 -0.91 0.00	31.54 -1.25 0.00	39.84 -1.37 1.59	46.89 -1.35 3.68	47.79 -1.05 3.53	45.87 -0.94 0.01	37.53 -0.73 0.01	29.46 -0.48 0.00	26.12 -0.43 0.00
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	19.31 -0.37 0.00	15.82 -0.39 0.00	15.38 -0.33 0.00	14.72 -0.30 0.00	15.76 -0.47 0.00	19.86 -0.64 0.00	24.79 -0.87 0.00	26.82 -0.38 0.00	25.73 -0.10 0.00	22.18 -0.25 0.00	22.69 -0.23 0.00	22.47 -0.18 0.00	23.54 -0.14 0.00	24.85 -0.20 0.00	26.96 -0.11 0.00	28.13 -0.20 0.00	32.59 -0.20 0.00	41.93 0.09 0.96	50.21 0.52 2.23	50.92 0.68 2.13	47.38 0.56 0.01	38.69 0.42 0.01	30.35 0.42 0.00	26.78 0.24 0.00
STA_56_34_KV_BUS2_REV_LBMP_B 345033	19.11 -0.57 0.00	15.62 -0.58 0.00	15.20 -0.50 0.00	14.54 -0.48 0.00	15.54 -0.70 0.00	19.57 -0.92 0.00	24.43 -1.23 0.00	25.71 -1.50 0.00	24.82 -1.01 0.00	21.47 -0.96 0.00	21.96 -0.96 0.00	21.77 -0.88 0.00	22.78 -0.90 0.00	24.03 -1.03 0.00	26.09 -0.97 0.00	27.14 -1.19 0.00	31.41 -1.38 0.00	39.64 -1.58 1.58	46.75 -1.51 3.67	47.55 -1.31 3.51	45.59 -1.22 0.01	37.19 -1.07 0.01	29.31 -0.63 0.00	25.90 -0.64 0.00
STA_56___34_KV_BUS2 355983	19.11 -0.57 0.00	15.62 -0.58 0.00	15.20 -0.50 0.00	14.54 -0.48 0.00	15.54 -0.70 0.00	19.57 -0.92 0.00	24.43 -1.23 0.00	25.71 -1.50 0.00	24.82 -1.01 0.00	21.47 -0.96 0.00	21.96 -0.96 0.00	21.77 -0.88 0.00	22.78 -0.90 0.00	24.03 -1.03 0.00	26.09 -0.97 0.00	27.14 -1.19 0.00	31.41 -1.38 0.00	39.64 -1.58 1.58	46.75 -1.51 3.67	47.55 -1.31 3.51	45.59 -1.22 0.01	37.19 -1.07 0.01	29.31 -0.63 0.00	25.90 -0.64 0.00
STA_67___115KV_BK2 355882	19.17 -0.51 0.00	15.66 -0.55 0.00	15.24 -0.47 0.00	14.57 -0.45 0.00	15.55 -0.68 0.00	19.59 -0.90 0.00	24.46 -1.21 0.00	25.71 -1.50 0.00	24.85 -0.98 0.00	21.51 -0.92 0.00	22.00 -0.92 0.00	21.79 -0.86 0.00	22.80 -0.88 0.00	24.03 -1.03 0.00	26.12 -0.95 0.00	27.14 -1.19 0.00	31.41 -1.38 0.00	39.63 -1.58 1.59	46.72 -1.51 3.69	47.52 -1.31 3.53	45.64 -1.17 0.01	37.23 -1.03 0.01	29.37 -0.57 0.00	25.96 -0.58 0.00
STA_7___115KV_9TRANS 80674	19.29 -0.39 0.00	15.75 -0.45 0.00	15.33 -0.38 0.00	14.66 -0.36 0.00	15.65 -0.58 0.00	19.71 -0.78 0.00	24.61 -1.05 0.00	25.90 -1.31 0.00	25.03 -0.80 0.00	21.64 -0.79 0.00	22.14 -0.78 0.00	21.95 -0.70 0.00	22.99 -0.69 0.00	24.25 -0.80 0.00	26.36 -0.70 0.00	27.39 -0.93 0.00	31.71 -1.08 0.00	40.06 -1.16 1.59	47.30 -0.93 3.68	48.11 -0.73 3.53	46.15 -0.66 0.01	37.65 -0.61 0.01	29.64 -0.30 0.00	26.17 -0.37 0.00
STA_82___115KV_TB1 80780	19.17 -0.51 0.00	15.66 -0.55 0.00	15.24 -0.47 0.00	14.59 -0.44 0.00	15.57 -0.67 0.00	19.59 -0.90 0.00	24.46 -1.21 0.00	25.71 -1.50 0.00	24.88 -0.96 0.00	21.51 -0.92 0.00	22.00 -0.92 0.00	21.79 -0.86 0.00	22.83 -0.85 0.00	24.05 -1.00 0.00	26.15 -0.92 0.00	27.17 -1.16 0.00	31.41 -1.38 0.00	39.64 -1.58 1.57	46.76 -1.51 3.65	47.61 -1.26 3.50	45.64 -1.17 0.01	37.27 -1.00 0.01	29.37 -0.57 0.00	25.96 -0.58 0.00
STEEL___WIND 323596	18.94 -0.75 0.00	15.45 -0.76 0.00	15.03 -0.67 0.00	14.36 -0.66 0.00	15.41 -0.83 0.00	19.12 -1.37 0.00	23.74 -1.93 0.00	24.70 -2.50 0.00	24.36 -1.47 0.00	21.22 -1.21 0.00	21.70 -1.22 0.00	21.47 -1.18 0.00	22.47 -1.21 0.00	23.63 -1.43 0.00	25.79 -1.27 0.00	26.97 -1.36 0.00	30.92 -1.87 0.00	39.06 -2.14 1.60	45.87 -2.34 3.72	46.87 -1.94 3.56	44.98 -1.83 0.01	36.73 -1.53 0.01	28.89 -1.05 0.00	25.51 -1.04 0.00
STEPHTWN_115KV_BK_2 55603	20.61 0.93 0.00	17.00 0.79 0.00	16.45 0.74 0.00	15.73 0.71 0.00	16.98 0.75 0.00	21.33 0.84 0.00	26.41 0.74 0.00	27.78 0.57 0.00	26.27 0.44 0.00	22.77 0.34 0.00	23.24 0.32 0.00	22.99 0.34 0.00	24.03 0.36 0.00	25.45 0.40 0.00	27.58 0.51 0.00	28.87 0.59 0.05	33.22 0.75 0.32	42.10 0.81 1.52	49.33 0.93 3.52	50.04 1.05 3.37	47.84 1.03 0.01	39.07 0.80 0.01	30.92 0.99 0.00	27.71 1.17 0.00
STEBEN_REC_LFGE 323667	19.51 -0.18 0.00	15.95 -0.26 0.00	15.52 -0.19 0.00	14.86 -0.17 0.00	15.88 -0.36 0.00	19.98 -0.51 0.00	24.90 -0.77 0.00	26.17 -1.03 0.00	25.29 -0.54 0.00	21.94 -0.49 0.00	22.41 -0.50 0.00	22.15 -0.50 0.00	23.21 -0.47 0.00	24.53 -0.53 0.00	26.63 -0.43 0.00	27.59 -0.74 0.00	31.90 -0.89 0.00	40.63 -0.77 1.40	48.38 -0.26 3.28	49.23 0.00 3.14	46.62 -0.19 0.01	37.92 -0.34 0.01	29.70 -0.24 0.00	25.80 -0.74 0.00
STILLWATER___SOLAR 323814	20.85 1.16 0.00	17.18 0.97 0.00	16.62 0.91 0.00	15.90 0.87 0.00	17.18 0.94 0.00	21.68 1.19 0.00	26.95 1.28 0.00	28.32 1.12 0.00	26.74 0.90 0.00	23.13 0.70 0.00	23.56 0.64 0.00	23.29 0.63 0.00	24.34 0.66 0.00	25.78 0.73 0.00	27.93 0.87 0.00	29.03 0.77 0.06	33.42 1.02 0.39	42.61 1.37 1.56	50.02 1.71 3.61	50.74 1.83 3.46	48.59 1.78 0.01	39.72 1.45 0.01	31.31 1.38 0.00	28.21 1.67 0.00
STONY___BROOK 24151	21.66 1.97 -0.01	17.84 1.62 -0.01	17.10 1.40 0.00	16.32 1.29 0.00	17.71 1.48 0.00	22.07 1.58 0.00	27.80 2.13 -0.01	29.45 2.23 -0.01	27.54 1.70 0.00	24.30 1.86 -0.01	24.78 1.86 -0.01	24.52 1.86 -0.01	25.63 1.94 -0.01	27.12 2.05 -0.01	29.19 2.08 -0.04	34.44 2.18 -3.93	40.59 2.69 -5.12	46.04 2.91 -0.32	57.40 3.37 -2.11	54.76 3.19 0.80	53.10 2.81 -3.47	41.96 2.07 -1.62	37.22 2.42 -4.86	29.93 2.23 -1.16
STURGEON_POOL_HYD 23609	21.26 1.57 0.00	17.52 1.31 0.00	16.90 1.19 0.00	16.15 1.13 0.00	17.45 1.22 0.00	21.85 1.35 0.00	27.23 1.57 0.00	28.81 1.61 0.00	27.28 1.45 0.00	23.73 1.30 0.00	24.20 1.28 0.00	24.04 1.38 0.00	25.15 1.47 0.00	26.66 1.60 0.00	28.96 1.89 0.00	30.49 2.12 -0.04	35.61 2.56 -0.27	44.81 3.42 1.41	52.49 3.84 3.27	52.95 3.72 3.14	50.28 3.46 0.01	41.02 2.76 0.01	32.27 2.33 0.00	28.80 2.26 0.00

ST_LAW_115_BK7_LBMP 345037	19.39 -0.29 0.00	15.95 -0.26 0.00	15.47 -0.24 0.00	14.80 -0.22 0.00	16.04 -0.19 0.00	20.37 -0.12 0.00	25.69 0.03 0.00	27.40 0.19 0.00	25.99 0.16 0.00	22.56 0.14 0.00	23.08 0.16 0.00	22.81 0.16 0.00	23.87 0.19 0.00	25.25 0.20 0.00	27.26 0.19 0.00	28.55 0.23 0.00	33.02 0.23 0.00	42.62 0.30 0.48	51.18 0.37 1.11	51.62 0.32 1.06	47.05 0.24 0.00	38.50 0.23 0.00	29.79 -0.15 0.00	26.12 -0.43 0.00
ST_LAW_115_BK8_LBMP 345038	19.39 -0.29 0.00	15.95 -0.26 0.00	15.47 -0.24 0.00	14.80 -0.22 0.00	16.04 -0.19 0.00	20.37 -0.12 0.00	25.69 0.03 0.00	27.40 0.19 0.00	25.99 0.16 0.00	22.56 0.14 0.00	23.08 0.16 0.00	22.81 0.16 0.00	23.87 0.19 0.00	25.25 0.20 0.00	27.26 0.19 0.00	28.55 0.23 0.00	33.02 0.23 0.00	42.62 0.30 0.48	51.18 0.37 1.11	51.62 0.32 1.06	47.05 0.24 0.00	38.50 0.23 0.00	29.79 -0.15 0.00	26.12 -0.43 0.00
ST_LAW_230_BK5_LBMP 345035	19.41 -0.28 0.00	15.96 -0.24 0.00	15.49 -0.22 0.00	14.81 -0.21 0.00	16.06 -0.18 0.00	20.39 -0.10 0.00	25.69 0.03 0.00	27.37 0.16 0.00	25.96 0.13 0.00	22.54 0.11 0.00	23.06 0.14 0.00	22.79 0.14 0.00	23.85 0.17 0.00	25.23 0.18 0.00	27.23 0.16 0.00	28.53 0.20 0.00	33.02 0.23 0.00	42.63 0.30 0.47	51.15 0.31 1.09	51.64 0.32 1.04	47.05 0.24 0.00	38.46 0.19 0.00	29.79 -0.15 0.00	26.14 -0.40 0.00
ST_LAW_230_BK6_LBMP 345036	19.41 -0.28 0.00	15.96 -0.24 0.00	15.49 -0.22 0.00	14.81 -0.21 0.00	16.06 -0.18 0.00	20.39 -0.10 0.00	25.69 0.03 0.00	27.37 0.16 0.00	25.96 0.13 0.00	22.54 0.11 0.00	23.06 0.14 0.00	22.79 0.14 0.00	23.85 0.17 0.00	25.23 0.18 0.00	27.23 0.16 0.00	28.53 0.20 0.00	33.02 0.23 0.00	42.63 0.30 0.47	51.15 0.31 1.09	51.64 0.32 1.04	47.05 0.24 0.00	38.46 0.19 0.00	29.79 -0.15 0.00	26.14 -0.40 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	20.91 1.22 0.00	17.23 1.02 0.00	16.63 0.93 0.00	15.90 0.87 0.00	17.18 0.94 0.00	21.50 1.00 0.00	26.74 1.08 0.00	28.29 1.09 0.00	26.81 0.98 0.00	23.39 0.96 0.00	23.90 0.99 0.00	23.72 1.06 0.00	24.77 1.09 0.00	26.23 1.18 0.00	28.45 1.38 0.00	29.95 1.56 -0.06	35.00 1.84 -0.37	43.73 2.31 1.38	51.21 2.49 3.20	51.66 2.36 3.07	49.01 2.20 0.01	40.03 1.76 0.01	31.55 1.62 0.00	28.19 1.65 0.00
SWANROAD_115KV_TB1 355699	18.56 -1.12 0.00	15.11 -1.10 0.00	14.78 -0.93 0.00	14.12 -0.90 0.00	14.89 -1.35 0.00	18.55 -1.95 0.00	23.13 -2.54 0.00	23.94 -3.26 0.00	23.58 -2.25 0.00	20.52 -1.91 0.00	20.97 -1.95 0.00	20.77 -1.88 0.00	21.74 -1.94 0.00	22.80 -2.25 0.00	24.90 -2.17 0.00	25.66 -2.66 0.00	29.71 -3.08 0.00	37.34 -3.85 1.61	43.88 -4.31 3.73	44.76 -4.03 3.57	43.20 -3.61 0.01	35.20 -3.06 0.01	27.99 -1.95 0.00	24.66 -1.88 0.00
SYNERGY___BIOGAS 323694	19.29 -0.39 0.00	15.71 -0.50 0.00	15.33 -0.38 0.00	14.68 -0.35 0.00	15.55 -0.68 0.00	19.53 -0.96 0.00	24.41 -1.26 0.00	25.54 -1.66 0.00	24.90 -0.93 0.00	21.49 -0.94 0.00	21.96 -0.96 0.00	21.79 -0.86 0.00	22.85 -0.83 0.00	24.03 -1.03 0.00	26.23 -0.84 0.00	27.17 -1.16 0.00	31.48 -1.31 0.00	39.89 -1.33 1.59	47.25 -0.99 3.69	48.26 -0.58 3.53	46.29 -0.52 0.01	37.73 -0.54 0.01	29.73 -0.21 0.00	26.09 -0.45 0.00
SYRACUSE___ENERGY_ST1 323597	19.61 -0.08 0.00	16.14 -0.06 0.00	15.64 -0.06 0.00	14.98 -0.05 0.00	16.14 -0.10 0.00	20.31 -0.18 0.00	25.33 -0.33 0.00	26.80 -0.41 0.00	25.50 -0.34 0.00	22.12 -0.31 0.00	22.57 -0.34 0.00	22.27 -0.39 0.00	23.28 -0.40 0.00	24.63 -0.43 0.00	26.61 -0.46 0.00	27.82 -0.51 0.00	32.23 -0.56 0.00	41.93 -0.56 0.31	50.78 -0.42 0.73	51.25 -0.42 0.70	46.44 -0.37 0.00	37.97 -0.31 0.00	29.85 -0.09 0.00	26.54 0.00 0.00
SYRACUSE___ENERGY_ST2 323598	19.61 -0.08 0.00	16.14 -0.06 0.00	15.64 -0.06 0.00	14.98 -0.05 0.00	16.14 -0.10 0.00	20.31 -0.18 0.00	25.33 -0.33 0.00	26.80 -0.41 0.00	25.50 -0.34 0.00	22.12 -0.31 0.00	22.57 -0.34 0.00	22.27 -0.39 0.00	23.28 -0.40 0.00	24.63 -0.43 0.00	26.61 -0.46 0.00	27.82 -0.51 0.00	32.23 -0.56 0.00	41.93 -0.56 0.31	50.78 -0.42 0.73	51.25 -0.42 0.70	46.44 -0.37 0.00	37.97 -0.31 0.00	29.85 -0.09 0.00	26.54 0.00 0.00
SYRACUSE___POWER 24017	19.63 -0.06 0.00	16.16 -0.05 0.00	15.66 -0.05 0.00	14.98 -0.05 0.00	16.14 -0.10 0.00	20.29 -0.20 0.00	25.28 -0.39 0.00	26.74 -0.46 0.00	25.47 -0.36 0.00	22.09 -0.34 0.00	22.55 -0.37 0.00	22.27 -0.39 0.00	23.25 -0.43 0.00	24.63 -0.43 0.00	26.61 -0.46 0.00	27.79 -0.54 0.00	32.23 -0.56 0.00	41.30 -0.64 0.86	49.41 -0.52 1.99	49.94 -0.52 1.90	46.35 -0.47 0.01	37.85 -0.42 0.01	29.79 -0.15 0.00	26.54 0.00 0.00
TALLMAN__138KV_BK151 55660	21.06 1.38 0.00	17.34 1.13 0.00	16.74 1.04 0.00	16.00 0.98 0.00	17.29 1.06 0.00	21.62 1.13 0.00	26.90 1.23 0.00	28.46 1.25 0.00	26.99 1.16 0.00	23.60 1.17 0.00	24.09 1.17 0.00	23.92 1.27 0.00	24.98 1.30 0.00	26.46 1.40 0.00	28.69 1.62 0.00	30.23 1.84 -0.06	35.35 2.16 -0.39	44.10 2.70 1.40	51.59 2.91 3.24	52.04 2.78 3.10	49.34 2.53 0.01	40.22 1.95 0.01	31.73 1.80 0.00	28.37 1.83 0.00
TEALLAVE_115KV_TB7 355573	19.63 -0.06 0.00	16.16 -0.05 0.00	15.66 -0.05 0.00	14.98 -0.05 0.00	16.14 -0.10 0.00	20.29 -0.20 0.00	25.28 -0.39 0.00	26.71 -0.49 0.00	25.44 -0.39 0.00	22.07 -0.36 0.00	22.55 -0.37 0.00	22.25 -0.41 0.00	23.25 -0.43 0.00	24.60 -0.45 0.00	26.55 -0.51 0.00	27.76 -0.57 0.00	32.16 -0.62 0.00	41.13 -0.68 0.99	49.01 -0.62 2.29	49.55 -0.63 2.19	46.25 -0.56 0.01	37.81 -0.46 0.01	29.76 -0.18 0.00	26.54 0.00 0.00
TELGRAPH_34_KV_EAST 80808	18.94 -0.75 0.00	15.40 -0.81 0.00	15.05 -0.66 0.00	14.39 -0.63 0.00	15.23 -1.01 0.00	19.06 -1.43 0.00	23.77 -1.90 0.00	24.76 -2.45 0.00	24.28 -1.55 0.00	21.06 -1.37 0.00	21.52 -1.40 0.00	21.32 -1.34 0.00	22.33 -1.35 0.00	23.45 -1.60 0.00	25.60 -1.46 0.00	26.46 -1.87 0.00	30.66 -2.13 0.00	38.68 -2.53 1.60	45.62 -2.60 3.71	46.51 -2.30 3.55	44.75 -2.06 0.01	36.46 -1.80 0.01	28.86 -1.08 0.00	25.37 -1.17 0.00
TEMPLE___115KV_TB 2 55572	19.63 -0.06 0.00	16.16 -0.05 0.00	15.66 -0.05 0.00	14.99 -0.03 0.00	16.14 -0.10 0.00	20.29 -0.20 0.00	25.28 -0.39 0.00	26.74 -0.46 0.00	25.47 -0.36 0.00	22.09 -0.34 0.00	22.55 -0.37 0.00	22.25 -0.41 0.00	23.25 -0.43 0.00	24.63 -0.43 0.00	26.58 -0.49 0.00	27.79 -0.54 0.00	32.20 -0.59 0.00	41.11 -0.68 1.01	48.95 -0.62 2.34	49.55 -0.58 2.24	46.25 -0.56 0.01	37.81 -0.46 0.01	29.79 -0.15 0.00	26.54 0.00 0.00
TIANA____69_KV_BK 1 55817	21.56 1.87 -0.01	17.77 1.56 -0.01	17.03 1.32 0.00	16.26 1.23 0.00	17.73 1.49 0.00	22.05 1.56 0.00	27.88 2.21 -0.01	29.55 2.34 -0.01	27.49 1.65 0.00	24.34 1.91 -0.01	24.81 1.88 -0.01	24.47 1.81 -0.01	25.58 1.89 -0.01	27.07 2.00 -0.01	29.32 2.22 -0.04	34.36 2.66 -3.37	40.71 3.15 -4.78	46.54 3.77 0.02	58.01 4.21 -1.89	55.59 4.24 1.02	53.20 3.61 -2.77	42.60 2.95 -1.38	37.09 2.66 -4.49	29.95 2.42 -0.99

TILDEN___115KV_TB1 80814	19.63 -0.06 0.00	16.16 -0.05 0.00	15.66 -0.05 0.00	14.98 -0.05 0.00	16.14 -0.10 0.00	20.29 -0.20 0.00	25.28 -0.39 0.00	26.74 -0.46 0.00	25.47 -0.36 0.00	22.09 -0.34 0.00	22.55 -0.37 0.00	22.27 -0.39 0.00	23.25 -0.43 0.00	24.63 -0.43 0.00	26.61 -0.46 0.00	27.79 -0.54 0.00	32.23 -0.56 0.00	41.30 -0.64 0.86	49.41 -0.52 1.99	49.94 -0.52 1.90	46.35 -0.47 0.01	37.85 -0.42 0.01	29.79 -0.15 0.00	26.54 0.00 0.00
TRIGEN___CC 323695	21.42 1.71 -0.02	17.67 1.44 -0.02	16.99 1.29 0.00	16.23 1.20 0.00	17.61 1.38 0.00	21.95 1.46 0.00	27.40 1.72 -0.02	28.91 1.69 -0.02	27.38 1.55 0.00	24.04 1.59 -0.02	24.54 1.60 -0.02	24.30 1.63 -0.02	25.35 1.66 -0.02	26.85 1.78 -0.02	29.26 1.98 -0.22	53.19 2.32 -22.54	53.03 2.59 -17.65	53.47 3.08 -7.59	64.57 3.22 -9.43	60.02 3.19 -4.46	67.90 3.04 -18.04	50.12 2.41 -9.44	50.73 2.28 -18.52	35.50 2.23 -6.73
TRINITY___115KV___4 BK 55933	20.49 0.81 0.00	16.90 0.70 0.00	16.35 0.64 0.00	15.64 0.62 0.00	16.88 0.65 0.00	21.19 0.70 0.00	26.23 0.56 0.00	27.61 0.41 0.00	26.12 0.28 0.00	22.65 0.22 0.00	23.12 0.21 0.00	22.88 0.23 0.00	23.92 0.24 0.00	25.30 0.25 0.00	27.39 0.32 0.00	28.64 0.37 0.05	32.92 0.46 0.32	41.67 0.39 1.52	48.76 0.36 3.53	49.46 0.47 3.38	47.32 0.52 0.01	38.68 0.42 0.01	30.62 0.69 0.00	27.47 0.93 0.00
UNION___PROCESSING_DRP 323587	19.17 -0.51 0.00	15.67 -0.53 0.00	15.24 -0.47 0.00	14.59 -0.44 0.00	15.57 -0.67 0.00	19.59 -0.90 0.00	24.46 -1.21 0.00	25.74 -1.47 0.00	24.88 -0.96 0.00	21.51 -0.92 0.00	22.00 -0.92 0.00	21.82 -0.84 0.00	22.83 -0.85 0.00	24.05 -1.00 0.00	26.15 -0.92 0.00	27.17 -1.16 0.00	31.41 -1.38 0.00	39.69 -1.54 1.57	46.83 -1.45 3.64	47.63 -1.26 3.49	45.69 -1.12 0.01	37.27 -1.00 0.01	29.40 -0.54 0.00	25.98 -0.56 0.00
UPPER HUDSON___HYD 24058	20.83 1.14 0.00	17.16 0.96 0.00	16.62 0.91 0.00	15.90 0.87 0.00	17.19 0.96 0.00	21.87 1.37 0.00	27.18 1.51 0.00	28.62 1.41 0.00	27.02 1.19 0.00	23.35 0.92 0.00	23.79 0.87 0.00	23.51 0.86 0.00	24.56 0.88 0.00	26.06 1.00 0.00	28.29 1.22 0.00	28.95 0.68 0.06	33.39 0.95 0.35	42.48 1.24 1.56	49.85 1.56 3.62	50.26 1.36 3.47	48.12 1.31 0.01	39.30 1.03 0.01	30.95 1.02 0.00	28.29 1.75 0.00
UPPER RAQUET___HYD 24056	19.05 -0.63 0.00	15.67 -0.53 0.00	15.20 -0.50 0.00	14.56 -0.47 0.00	15.81 -0.42 0.00	20.14 -0.35 0.00	25.31 -0.36 0.00	27.12 -0.08 0.00	25.65 -0.18 0.00	22.21 -0.22 0.00	22.67 -0.25 0.00	22.38 -0.27 0.00	23.44 -0.24 0.00	24.83 -0.23 0.00	26.77 -0.30 0.00	28.10 -0.23 0.00	32.52 -0.26 0.00	41.99 -0.17 0.64	50.33 -0.10 1.49	50.94 0.00 1.42	46.63 -0.19 0.00	38.23 -0.04 0.00	29.34 -0.60 0.00	25.59 -0.95 0.00
VALLEY44_115KV_TB2 355964	19.02 -0.67 0.00	15.51 -0.70 0.00	15.11 -0.60 0.00	14.44 -0.59 0.00	15.36 -0.88 0.00	19.24 -1.25 0.00	23.92 -1.75 0.00	25.08 -2.12 0.00	24.70 -1.14 0.00	21.55 -0.87 0.00	22.00 -0.92 0.00	21.75 -0.91 0.00	22.76 -0.92 0.00	23.98 -1.08 0.00	26.15 -0.92 0.00	27.08 -1.25 0.00	31.34 -1.44 0.00	39.55 -1.67 1.58	46.63 -1.61 3.68	47.54 -1.31 3.52	45.50 -1.31 0.01	36.96 -1.30 0.01	29.13 -0.81 0.00	25.51 -1.04 0.00
VALLEY___115KV_TB 1-4 80826	20.00 0.31 0.00	16.47 0.26 0.00	15.94 0.24 0.00	15.25 0.23 0.00	16.48 0.24 0.00	20.76 0.27 0.00	25.82 0.15 0.00	27.23 0.03 0.00	25.83 0.00 0.00	22.41 -0.02 0.00	22.85 -0.07 0.00	22.59 -0.07 0.00	23.61 -0.07 0.00	24.98 -0.08 0.00	26.99 -0.08 0.00	28.24 -0.08 0.00	32.75 -0.03 0.00	40.97 0.00 1.83	47.82 0.16 4.25	48.50 0.21 4.07	46.90 0.09 0.01	38.38 0.11 0.01	30.18 0.24 0.00	26.94 0.40 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	20.51 0.83 0.00	16.90 0.70 0.00	16.35 0.64 0.00	15.66 0.63 0.00	16.92 0.68 0.00	21.27 0.78 0.00	26.41 0.74 0.00	27.88 0.68 0.00	26.43 0.59 0.00	22.92 0.49 0.00	23.35 0.44 0.00	23.11 0.45 0.00	24.15 0.47 0.00	25.58 0.53 0.00	27.66 0.60 0.00	29.01 0.68 0.00	33.64 0.85 0.00	42.49 1.24 1.55	50.05 1.71 3.58	50.77 1.83 3.43	48.40 1.59 0.01	39.60 1.34 0.01	31.13 1.20 0.00	27.74 1.19 0.00
VISCHER___FERRY HYD 24020	20.75 1.06 0.00	17.10 0.89 0.00	16.54 0.83 0.00	15.82 0.80 0.00	17.08 0.84 0.00	21.48 0.98 0.00	26.72 1.05 0.00	28.10 0.90 0.00	26.55 0.72 0.00	22.99 0.56 0.00	23.45 0.53 0.00	23.22 0.57 0.00	24.25 0.57 0.00	25.65 0.60 0.00	27.77 0.70 0.00	28.96 0.71 0.08	33.20 0.89 0.47	42.37 1.11 1.54	49.69 1.35 3.58	50.36 1.41 3.43	48.21 1.40 0.01	39.45 1.19 0.01	31.19 1.26 0.00	28.00 1.46 0.00
V_A_10_SYNC_DSASP 323832	18.78 -0.91 0.00	15.30 -0.91 0.00	14.91 -0.80 0.00	14.26 -0.77 0.00	15.15 -1.09 0.00	19.04 -1.46 0.00	23.69 -1.98 0.00	24.67 -2.53 0.00	24.15 -1.68 0.00	20.97 -1.46 0.00	21.43 -1.49 0.00	21.23 -1.43 0.00	22.19 -1.49 0.00	23.30 -1.75 0.00	25.39 -1.68 0.00	26.26 -2.07 0.00	30.39 -2.39 0.00	38.16 -3.00 1.64	44.88 -3.22 3.82	45.73 -2.98 3.66	44.09 -2.72 0.01	35.93 -2.33 0.01	28.53 -1.41 0.00	25.21 -1.33 0.00
V_CMM_10_SYNC_DSASP 323787	19.49 -0.20 0.00	16.03 -0.18 0.00	15.55 -0.16 0.00	14.87 -0.15 0.00	16.12 -0.11 0.00	20.45 -0.04 0.00	25.82 0.15 0.00	27.53 0.33 0.00	26.12 0.28 0.00	22.65 0.22 0.00	23.19 0.28 0.00	22.93 0.27 0.00	23.99 0.31 0.00	25.38 0.32 0.00	27.39 0.33 0.00	28.69 0.37 0.00	33.18 0.39 0.00	42.88 0.55 0.48	51.44 0.63 1.11	51.94 0.63 1.06	47.33 0.52 0.00	38.69 0.42 0.00	29.94 0.00 0.00	26.22 -0.32 0.00
V_CMP_10_SYNC_DSASP 323788	19.70 0.02 0.00	16.19 -0.02 0.00	15.72 0.02 0.00	15.04 0.02 0.00	16.28 0.05 0.00	20.66 0.16 0.00	26.10 0.44 0.00	27.86 0.65 0.00	26.45 0.62 0.00	22.97 0.54 0.00	23.51 0.59 0.00	23.24 0.59 0.00	24.34 0.66 0.00	25.73 0.68 0.00	27.80 0.73 0.00	29.12 0.79 0.00	33.67 0.89 0.00	43.53 1.20 0.47	52.29 1.45 1.09	52.74 1.41 1.04	47.94 1.12 0.00	39.19 0.92 0.00	30.24 0.30 0.00	26.44 -0.11 0.00
V_D_10_SYNC_DSASP 323841	19.53 -0.16 0.00	16.06 -0.15 0.00	15.60 -0.11 0.00	14.92 -0.10 0.00	16.15 -0.08 0.00	20.51 0.02 0.00	25.90 0.23 0.00	27.67 0.46 0.00	26.22 0.39 0.00	22.74 0.31 0.00	23.28 0.37 0.00	23.01 0.36 0.00	24.08 0.40 0.00	25.48 0.43 0.00	27.50 0.43 0.00	28.84 0.51 0.00	33.34 0.56 0.00	43.08 0.77 0.50	51.60 0.83 1.15	52.10 0.84 1.10	47.52 0.70 0.00	38.92 0.65 0.00	30.03 0.09 0.00	26.28 -0.27 0.00
V_E_10_SYNC_DSASP 323830	20.85 1.16 0.00	17.21 1.01 0.00	16.63 0.93 0.00	15.94 0.92 0.00	17.29 1.05 0.00	21.82 1.33 0.00	27.00 1.33 0.00	28.51 1.31 0.00	26.30 0.47 0.00	22.68 0.25 0.00	23.03 0.12 0.00	22.72 0.07 0.00	23.75 0.07 0.00	25.18 0.13 0.00	27.74 0.68 0.00	29.21 0.88 0.00	34.06 1.28 0.00	43.61 2.27 1.46	52.34 3.79 3.37	53.48 4.34 3.23	50.37 3.56 0.01	41.17 2.91 0.01	32.03 2.09 0.00	28.19 1.65 0.00



V_F_30_NSYNC___DSASP 323816	20.85 1.16 0.00	17.18 0.97 0.00	16.63 0.93 0.00	15.90 0.87 0.00	17.19 0.96 0.00	21.68 1.19 0.00	26.98 1.31 0.00	28.35 1.14 0.00	26.76 0.93 0.00	23.15 0.72 0.00	23.61 0.69 0.00	23.33 0.68 0.00	24.39 0.71 0.00	25.83 0.78 0.00	27.99 0.92 0.00	29.09 0.82 0.06	33.50 1.08 0.37	42.65 1.41 1.56	50.07 1.77 3.62	50.79 1.88 3.46	48.63 1.82 0.01	39.75 1.49 0.01	31.34 1.41 0.00	28.21 1.67 0.00
V_F_30_SYNC_DSASP 323786	20.53 0.85 0.00	16.95 0.75 0.00	16.40 0.69 0.00	15.67 0.65 0.00	16.93 0.70 0.00	21.25 0.76 0.00	26.31 0.64 0.00	27.67 0.46 0.00	26.17 0.34 0.00	22.72 0.29 0.00	23.17 0.25 0.00	22.95 0.29 0.00	23.96 0.28 0.00	25.38 0.33 0.00	27.47 0.41 0.00	28.73 0.45 0.05	33.05 0.59 0.33	41.83 0.56 1.53	48.94 0.57 3.55	49.65 0.68 3.40	47.51 0.70 0.01	38.80 0.54 0.01	30.74 0.81 0.00	27.55 1.01 0.00
V_XM_10_SYNC_DSASP 323789	19.70 0.02 0.00	16.19 -0.02 0.00	15.72 0.02 0.00	15.04 0.02 0.00	16.28 0.05 0.00	20.66 0.16 0.00	26.10 0.44 0.00	27.86 0.65 0.00	26.45 0.62 0.00	22.97 0.54 0.00	23.51 0.59 0.00	23.24 0.59 0.00	24.34 0.66 0.00	25.73 0.68 0.00	27.80 0.73 0.00	29.12 0.79 0.00	33.67 0.89 0.00	43.53 1.20 0.47	52.29 1.45 1.09	52.74 1.41 1.04	47.94 1.12 0.00	39.19 0.92 0.00	30.24 0.30 0.00	26.44 -0.11 0.00
W.BABYLN_69_KV_BK1 56697	21.76 2.07 -0.01	17.94 1.72 -0.01	17.21 1.51 0.00	16.42 1.40 0.00	17.86 1.62 0.00	22.21 1.72 0.00	27.86 2.18 -0.01	29.47 2.26 -0.01	27.72 1.89 0.00	24.37 1.93 -0.01	24.88 1.95 -0.01	24.63 1.97 -0.01	25.75 2.06 -0.01	27.24 2.18 -0.01	29.54 2.41 -0.07	37.36 2.83 -6.20	42.65 3.21 -6.65	47.70 3.85 -1.05	59.10 4.26 -2.92	56.41 4.29 0.25	55.62 3.89 -4.92	44.02 3.18 -2.57	39.38 2.90 -6.54	31.06 2.68 -1.84
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	21.10 1.42 0.00	17.39 1.18 0.00	16.78 1.07 0.00	16.03 1.01 0.00	17.34 1.10 0.00	21.66 1.17 0.00	26.98 1.31 0.00	28.51 1.31 0.00	27.07 1.24 0.00	23.64 1.21 0.00	24.13 1.21 0.00	23.97 1.31 0.00	25.03 1.35 0.00	26.53 1.48 0.00	28.77 1.71 0.00	30.29 1.90 -0.07	35.45 2.26 -0.40	44.23 2.82 1.40	51.74 3.06 3.25	52.19 2.93 3.11	49.48 2.67 0.01	40.37 2.11 0.01	31.82 1.89 0.00	28.43 1.88 0.00
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	21.36 1.67 0.00	17.59 1.38 0.00	16.90 1.19 0.00	16.15 1.13 0.00	17.45 1.22 0.00	21.80 1.31 0.00	27.13 1.46 0.00	28.70 1.50 0.00	27.25 1.42 0.00	23.87 1.44 0.00	24.39 1.47 0.00	24.24 1.59 0.00	25.31 1.63 0.00	26.78 1.73 0.00	29.04 1.98 0.00	30.69 2.29 -0.07	35.89 2.69 -0.42	44.64 3.25 1.41	52.07 3.43 3.28	52.48 3.25 3.14	49.76 2.95 0.01	40.56 2.30 0.01	31.97 2.04 0.00	28.59 2.04 0.00
W50THST__13_KV_LOAD 356117	21.38 1.69 0.00	17.60 1.39 0.00	16.96 1.26 0.00	16.21 1.19 0.00	17.52 1.28 0.00	21.89 1.39 0.00	27.23 1.57 0.00	28.84 1.63 0.00	27.41 1.58 0.00	24.00 1.57 0.00	24.52 1.60 0.00	24.37 1.72 0.00	25.45 1.78 0.00	26.93 1.88 0.00	29.20 2.14 0.00	30.86 2.46 -0.07	36.09 2.89 -0.42	44.90 3.51 1.41	52.38 3.74 3.28	52.74 3.51 3.14	49.99 3.18 0.01	40.71 2.45 0.01	32.09 2.16 0.00	28.69 2.15 0.00
WADING RIVER_IC_1 23522	21.35 1.65 -0.01	17.58 1.36 -0.01	16.85 1.15 0.00	16.09 1.07 0.00	17.48 1.25 0.00	21.79 1.29 0.00	27.63 1.95 -0.01	29.28 2.07 -0.01	27.15 1.32 0.00	24.07 1.64 -0.01	24.51 1.58 -0.01	24.13 1.47 -0.01	25.25 1.56 -0.01	26.72 1.65 -0.01	28.94 1.84 -0.04	33.60 1.93 -3.34	39.94 2.39 -4.76	45.33 2.57 0.03	56.76 2.96 -1.88	54.12 2.77 1.02	52.01 2.43 -2.75	41.41 1.76 -1.37	36.53 2.13 -4.47	29.65 2.12 -0.98
WADING RIVER_IC_2 23547	21.35 1.65 -0.01	17.58 1.36 -0.01	16.85 1.15 0.00	16.09 1.07 0.00	17.48 1.25 0.00	21.79 1.29 0.00	27.63 1.95 -0.01	29.28 2.07 -0.01	27.15 1.32 0.00	24.07 1.64 -0.01	24.51 1.58 -0.01	24.13 1.47 -0.01	25.25 1.56 -0.01	26.72 1.65 -0.01	28.94 1.84 -0.04	33.60 1.93 -3.34	39.94 2.39 -4.76	45.33 2.57 0.03	56.76 2.96 -1.88	54.12 2.77 1.02	52.01 2.43 -2.75	41.41 1.76 -1.37	36.53 2.13 -4.47	29.65 2.12 -0.98
WADING RIVER_IC_3 23601	21.35 1.65 -0.01	17.58 1.36 -0.01	16.85 1.15 0.00	16.09 1.07 0.00	17.48 1.25 0.00	21.79 1.29 0.00	27.63 1.95 -0.01	29.28 2.07 -0.01	27.15 1.32 0.00	24.07 1.64 -0.01	24.51 1.58 -0.01	24.13 1.47 -0.01	25.25 1.56 -0.01	26.72 1.65 -0.01	28.94 1.84 -0.04	33.60 1.93 -3.34	39.94 2.39 -4.76	45.33 2.57 0.03	56.76 2.96 -1.88	54.12 2.77 1.02	52.01 2.43 -2.75	41.41 1.76 -1.37	36.53 2.13 -4.47	29.65 2.12 -0.98
WALDENNY_12_KV_BK2 80841	18.94 -0.75 0.00	15.41 -0.79 0.00	15.03 -0.68 0.00	14.36 -0.66 0.00	15.20 -1.04 0.00	19.08 -1.41 0.00	23.72 -1.95 0.00	24.67 -2.53 0.00	24.33 -1.50 0.00	21.20 -1.23 0.00	21.66 -1.26 0.00	21.45 -1.20 0.00	22.47 -1.21 0.00	23.60 -1.45 0.00	25.79 -1.27 0.00	26.66 -1.67 0.00	30.85 -1.93 0.00	38.89 -2.31 1.60	45.81 -2.39 3.72	46.71 -2.09 3.56	44.75 -2.06 0.01	36.43 -1.84 0.01	28.83 -1.11 0.00	25.32 -1.22 0.00
WALDEN__HYDRO 24148	21.04 1.36 0.00	17.33 1.12 0.00	16.74 1.04 0.00	15.99 0.96 0.00	17.27 1.04 0.00	21.62 1.13 0.00	26.92 1.26 0.00	28.46 1.25 0.00	26.97 1.14 0.00	23.51 1.08 0.00	24.00 1.08 0.00	23.81 1.16 0.00	24.89 1.21 0.00	26.36 1.30 0.00	28.58 1.52 0.00	30.09 1.70 -0.06	35.20 2.03 -0.38	44.01 2.61 1.40	51.59 2.91 3.24	52.10 2.83 3.10	49.43 2.62 0.01	40.33 2.07 0.01	31.79 1.86 0.00	28.40 1.86 0.00
WARRENSBURG____ 23737	20.83 1.14 0.00	17.16 0.96 0.00	16.62 0.91 0.00	15.90 0.87 0.00	17.21 0.97 0.00	21.87 1.37 0.00	27.18 1.51 0.00	28.62 1.41 0.00	27.02 1.19 0.00	23.35 0.92 0.00	23.81 0.89 0.00	23.51 0.86 0.00	24.55 0.88 0.00	26.06 1.00 0.00	28.26 1.19 0.00	28.95 0.68 0.06	33.42 0.98 0.35	42.48 1.24 1.56	49.86 1.56 3.62	50.26 1.36 3.47	48.17 1.36 0.01	39.22 0.96 0.01	30.92 0.99 0.00	28.29 1.75 0.00
WATERSIDE____6 8 9 23538	21.36 1.67 -0.01	17.58 1.36 -0.01	16.97 1.26 -0.01	16.22 1.19 -0.01	17.52 1.28 -0.01	21.87 1.37 -0.01	27.10 1.44 0.00	28.67 1.47 0.00	27.25 1.42 0.00	23.89 1.46 0.00	24.41 1.49 0.00	24.28 1.63 0.00	25.36 1.68 0.00	26.83 1.78 0.00	29.07 2.00 0.00	30.66 2.27 -0.07	35.86 2.66 -0.42	44.64 3.25 1.41	52.07 3.43 3.28	52.43 3.19 3.14	49.71 2.90 0.01	40.52 2.26 0.01	32.03 2.10 0.00	28.66 2.12 0.00
WATKINRD_115KV_LN8_ILLION 55919	19.98 0.30 0.00	16.45 0.24 0.00	15.93 0.22 0.00	15.23 0.21 0.00	16.46 0.23 0.00	20.72 0.23 0.00	25.80 0.13 0.00	27.20 0.00 0.00	25.81 -0.03 0.00	22.38 -0.04 0.00	22.83 -0.09 0.00	22.59 -0.07 0.00	23.58 -0.09 0.00	24.95 -0.10 0.00	26.96 -0.11 0.00	28.21 -0.11 0.00	32.72 -0.07 0.00	40.92 -0.04 1.83	47.72 0.05 4.25	48.40 0.10 4.07	46.85 0.05 0.01	38.30 0.04 0.01	30.12 0.18 0.00	26.91 0.37 0.00

WDELAWARE___HYD 323627	20.93 1.24 0.00	17.23 1.02 0.00	16.67 0.96 0.00	15.93 0.90 0.00	17.14 0.91 0.00	21.54 1.04 0.00	26.85 1.18 0.00	28.40 1.20 0.00	26.89 1.06 0.00	23.37 0.94 0.00	23.84 0.92 0.00	23.65 1.00 0.00	24.79 1.11 0.00	26.31 1.25 0.00	28.55 1.49 0.00	29.96 1.59 -0.05	35.11 2.03 -0.29	44.22 2.78 1.36	52.06 3.27 3.13	52.67 3.30 3.00	49.76 2.95 0.01	40.56 2.30 0.01	31.97 2.04 0.00	28.43 1.88 0.00
WEST BABYLON___IC 23714	21.76 2.07 -0.01	17.94 1.72 -0.01	17.21 1.51 0.00	16.42 1.40 0.00	17.86 1.62 0.00	22.21 1.72 0.00	27.86 2.18 -0.01	29.47 2.26 -0.01	27.72 1.89 0.00	24.37 1.93 -0.01	24.88 1.95 -0.01	24.63 1.97 -0.01	25.75 2.06 -0.01	27.24 2.18 -0.01	29.54 2.41 -0.07	37.36 2.83 -6.20	42.65 3.21 -6.65	47.70 3.85 -1.05	59.10 4.26 -2.92	56.41 4.29 0.25	55.62 3.89 -4.92	44.02 3.18 -2.57	39.38 2.90 -6.54	31.06 2.68 -1.84
WEST CANADA___HYD 24049	19.94 0.26 0.00	16.43 0.23 0.00	15.91 0.20 0.00	15.22 0.19 0.00	16.44 0.21 0.00	20.68 0.18 0.00	25.72 0.05 0.00	27.15 -0.05 0.00	25.78 -0.05 0.00	22.36 -0.07 0.00	22.83 -0.09 0.00	22.56 -0.09 0.00	23.58 -0.09 0.00	24.93 -0.12 0.00	26.96 -0.11 0.00	28.19 -0.14 0.00	32.66 -0.13 0.00	40.84 -0.13 1.83	47.56 -0.10 4.25	48.24 -0.05 4.07	46.71 -0.09 0.01	38.19 -0.08 0.01	30.09 0.15 0.00	26.89 0.34 0.00
WESTERN_NY_WIND 24143	19.27 -0.41 0.00	15.69 -0.52 0.00	15.31 -0.39 0.00	14.66 -0.36 0.00	15.54 -0.70 0.00	19.51 -0.98 0.00	24.38 -1.28 0.00	25.49 -1.71 0.00	24.88 -0.96 0.00	21.47 -0.96 0.00	21.93 -0.99 0.00	21.77 -0.88 0.00	22.83 -0.85 0.00	23.98 -1.08 0.00	26.20 -0.87 0.00	27.14 -1.19 0.00	31.41 -1.38 0.00	39.80 -1.41 1.59	47.14 -1.09 3.69	48.15 -0.68 3.54	46.20 -0.61 0.01	37.65 -0.61 0.01	29.67 -0.27 0.00	26.04 -0.50 0.00
WESTOVER___LESR 323668	19.82 0.14 0.00	16.30 0.10 0.00	15.80 0.09 0.00	15.11 0.09 0.00	16.27 0.03 0.00	20.43 -0.06 0.00	25.44 -0.23 0.00	26.85 -0.35 0.00	25.60 -0.23 0.00	22.23 -0.20 0.00	22.69 -0.23 0.00	22.43 -0.23 0.00	23.42 -0.26 0.00	24.78 -0.28 0.00	26.85 -0.22 0.00	28.07 -0.25 0.00	32.56 -0.23 0.00	41.06 -0.17 1.57	48.36 0.05 3.62	49.01 0.10 3.46	46.90 0.09 0.01	38.30 0.04 0.01	30.15 0.21 0.00	26.73 0.19 0.00
WETHRSFD_WT_PWR 323626	19.11 -0.57 0.00	15.62 -0.58 0.00	15.19 -0.52 0.00	14.51 -0.51 0.00	15.60 -0.63 0.00	19.41 -1.09 0.00	24.08 -1.59 0.00	25.08 -2.12 0.00	24.41 -1.42 0.00	21.20 -1.23 0.00	21.68 -1.24 0.00	21.43 -1.22 0.00	22.45 -1.23 0.00	23.65 -1.40 0.00	25.74 -1.33 0.00	26.88 -1.44 0.00	30.88 -1.90 0.00	39.17 -2.10 1.53	46.22 -2.13 3.57	47.38 -1.57 3.42	45.36 -1.45 0.01	37.04 -1.23 0.01	29.07 -0.87 0.00	25.43 -1.11 0.00
WHAVSTOR_138KV_BK127 55557	21.08 1.40 0.00	17.36 1.15 0.00	16.76 1.05 0.00	16.02 0.99 0.00	17.31 1.07 0.00	21.64 1.15 0.00	26.92 1.26 0.00	28.48 1.28 0.00	27.02 1.19 0.00	23.60 1.17 0.00	24.11 1.19 0.00	23.94 1.29 0.00	25.00 1.33 0.00	26.48 1.43 0.00	28.72 1.65 0.00	30.26 1.87 -0.07	35.38 2.20 -0.40	44.10 2.70 1.40	51.58 2.91 3.25	52.03 2.78 3.11	49.39 2.58 0.01	40.18 1.91 0.01	31.70 1.77 0.00	28.35 1.80 0.00
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	21.08 1.40 0.00	17.36 1.15 0.00	16.76 1.05 0.00	16.02 0.99 0.00	17.31 1.07 0.00	21.64 1.15 0.00	26.92 1.26 0.00	28.48 1.28 0.00	27.02 1.19 0.00	23.60 1.17 0.00	24.11 1.19 0.00	23.94 1.29 0.00	25.00 1.33 0.00	26.48 1.43 0.00	28.72 1.65 0.00	30.26 1.87 -0.07	35.38 2.20 -0.40	44.10 2.70 1.40	51.58 2.91 3.25	52.03 2.78 3.11	49.39 2.58 0.01	40.18 1.91 0.01	31.70 1.77 0.00	28.35 1.80 0.00
WHITEHAL_115KV_TB1 80871	21.12 1.44 0.00	17.42 1.22 0.00	16.87 1.16 0.00	16.14 1.11 0.00	17.50 1.27 0.00	22.26 1.76 0.00	27.59 1.93 0.00	29.00 1.80 0.00	27.33 1.50 0.00	23.53 1.10 0.00	23.97 1.05 0.00	23.67 1.02 0.00	24.72 1.04 0.00	26.23 1.18 0.00	28.53 1.46 0.00	29.34 1.08 0.06	33.94 1.51 0.36	43.38 2.14 1.56	51.00 2.70 3.62	51.73 2.83 3.47	49.48 2.67 0.01	40.29 2.03 0.01	31.70 1.77 0.00	28.82 2.28 0.00
WHITEPLN_13_KV_LOAD 356215	21.28 1.59 0.00	17.52 1.31 0.00	16.89 1.18 0.00	16.15 1.13 0.00	17.47 1.23 0.00	21.80 1.31 0.00	27.16 1.49 0.00	28.78 1.58 0.00	27.33 1.50 0.00	23.87 1.44 0.00	24.39 1.47 0.00	24.22 1.56 0.00	25.29 1.61 0.00	26.78 1.73 0.00	29.04 1.98 0.00	30.63 2.24 -0.07	35.83 2.62 -0.42	44.68 3.30 1.41	52.28 3.63 3.27	52.64 3.40 3.14	49.90 3.09 0.01	40.64 2.37 0.01	32.06 2.13 0.00	28.67 2.12 0.00
WM_FLOYD_69_KV_BK2 356380	21.53 1.83 -0.01	17.76 1.54 -0.01	16.99 1.29 0.00	16.23 1.20 0.00	17.68 1.44 0.00	21.99 1.50 0.00	27.75 2.08 -0.01	29.39 2.18 -0.01	27.38 1.55 0.00	24.19 1.75 -0.01	24.62 1.70 -0.01	24.32 1.65 -0.01	25.42 1.73 -0.01	26.92 1.85 -0.01	29.16 2.06 -0.04	34.23 2.44 -3.47	40.51 2.89 -4.84	46.21 3.38 -0.03	57.58 3.74 -1.92	55.21 3.82 0.98	52.98 3.28 -2.88	42.41 2.72 -1.42	37.04 2.54 -4.56	29.87 2.31 -1.02
WOODARD___115KV_TB2 355635	19.59 -0.10 0.00	16.13 -0.08 0.00	15.63 -0.08 0.00	14.96 -0.06 0.00	16.12 -0.11 0.00	20.27 -0.23 0.00	25.26 -0.41 0.00	26.71 -0.49 0.00	25.44 -0.39 0.00	22.07 -0.36 0.00	22.53 -0.39 0.00	22.22 -0.43 0.00	23.23 -0.45 0.00	24.58 -0.48 0.00	26.55 -0.51 0.00	27.73 -0.59 0.00	32.16 -0.62 0.00	41.38 -0.73 0.70	49.68 -0.62 1.61	50.19 -0.63 1.55	46.25 -0.56 0.00	37.81 -0.46 0.00	29.73 -0.21 0.00	26.49 -0.05 0.00
WOODMERE_69_KV_BK1 55827	21.73 2.03 -0.02	17.92 1.70 -0.02	17.23 1.52 0.00	16.44 1.41 0.00	17.86 1.62 0.00	22.24 1.74 0.00	27.79 2.10 -0.01	29.29 2.07 -0.02	27.74 1.91 0.00	24.35 1.91 -0.01	24.86 1.93 -0.01	24.66 1.99 -0.01	25.73 2.04 -0.01	27.22 2.15 -0.01	29.89 2.41 -0.41	74.76 2.83 -43.60	65.37 3.21 -29.37	62.80 3.98 -16.02	69.72 4.36 -13.44	65.90 4.29 -9.24	85.79 4.03 -34.95	59.73 3.18 -18.28	64.37 2.84 -31.59	42.22 2.65 -13.02
YORK___WARBASSE 23770	21.44 1.75 -0.01	17.64 1.43 -0.01	17.03 1.32 -0.01	16.28 1.25 -0.01	17.59 1.35 -0.01	21.96 1.46 -0.01	27.19 1.51 -0.01	28.73 1.52 0.00	27.25 1.42 0.00	23.93 1.50 0.00	24.45 1.54 0.00	24.33 1.68 0.00	25.41 1.73 0.00	26.92 1.85 -0.01	29.13 2.06 -0.01	30.73 2.32 -0.08	35.94 2.72 -0.43	44.78 3.38 1.40	52.29 3.63 3.27	52.58 3.35 3.14	49.81 3.00 0.01	40.69 2.41 0.00	32.25 2.31 -0.01	28.86 2.31 -0.01