

Weekly Headlines

- EIA Electricity
- Reliability Testimony
- EU Energy

POWER PRICING (\$/MWh)

Day-Ahead LMPs		Mon 9/25	Tue 9/26	Wed 9/27	Thu 9/28	Fri 9/29
PJM	On-Peak WESTERN HUB	\$41.24	\$38.24	\$35.89	\$40.45	\$42.06
	Off-Peak WESTERN HUB	\$22.44	\$23.38	\$22.77	\$25.27	\$24.66
	On-Peak N ILLINOIS HUB	\$37.47	\$36.74	\$32.64	\$36.34	\$37.42
	Off-Peak N ILLINOIS HUB	\$21.45	\$23.04	\$21.61	\$24.08	\$22.64
	On-Peak PPL	\$20.33	\$24.97	\$16.30	\$17.93	\$19.05
	Off-Peak PPL	\$12.78	\$11.92	\$11.66	\$10.69	\$11.64
	On-Peak PENELEC	\$34.29	\$31.78	\$27.75	\$30.91	\$33.50
	Off-Peak PENELEC	\$19.13	\$18.81	\$19.35	\$20.38	\$20.28
	On-Peak COMED	\$37.57	\$36.87	\$32.74	\$36.37	\$37.42
	Off-Peak COMED	\$21.49	\$23.10	\$21.67	\$24.10	\$22.33
MISO	On-Peak INDIANA HUB	\$36.64	\$39.89	\$38.41	\$40.58	\$41.19
	Off-Peak INDIANA HUB	\$23.62	\$25.35	\$24.85	\$25.02	\$25.51
	On-Peak MICHIGAN HUB	\$36.19	\$39.22	\$37.72	\$39.76	\$40.54
	Off-Peak MICHIGAN HUB	\$23.68	\$25.65	\$24.72	\$24.68	\$24.78
	On-Peak MINN HUB	\$41.81	\$39.79	\$37.95	\$25.10	\$31.38
	Off-Peak MINN HUB	\$23.85	\$26.19	\$24.13	\$19.42	\$16.21
	On-Peak LOUISIANA HUB	\$35.45	\$33.78	\$38.77	\$40.12	\$38.24
	Off-Peak LOUISIANA HUB	\$21.95	\$20.81	\$22.68	\$22.18	\$20.74
ERCOT	On-Peak NORTH	\$52.55	\$71.08	\$110.22	\$15.41	\$14.55
	Off-Peak NORTH	\$20.75	\$15.65	\$7.25	-\$2.84	-\$1.73
	On-Peak SOUTH	\$55.54	\$83.86	\$126.51	\$49.30	\$35.63
	Off-Peak SOUTH	\$21.74	\$22.75	\$19.49	\$17.50	\$16.85

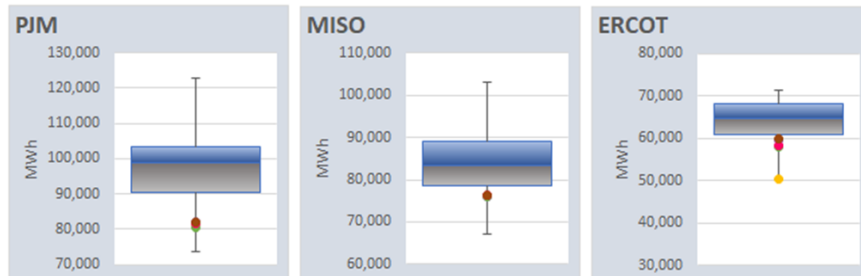
* Red signifies week over week price change down / Green signifies week over week price change up

Futures	Western Hub		Indiana Hub		North Hub	
	On-Peak	Off-Peak	On-Peak	Off-Peak	On-Peak	Off-Peak
	\$51.39	\$38.27	\$53.54	\$40.19	\$61.27	\$36.72

* Forward 12 month strip

DAILY RTO LOAD PROFILE (MWh)

● -9/25 ● -9/26 ● -9/27 ● -9/28 ● -9/29



* Current week daily load plotted with past 3 months daily load

COMMENTARY

This week EIA released their monthly Electric Power Monthly. The [report](#) of full of statistics on power generation for the month. Unfortunately, the month is July, so the data is someone dated, but still worth a glance. For July, the US generation of electricity was up 0.4% year-on-year. Natural gas generation increased 5.2% over 2022 and retail prices were up 3.2%. Remember, a couple weeks ago EIA increased their forecast for natural gas generation for 2023 on record amounts being used in July, August, and September. Last year roughly 40% of electric generation was natural gas. It's safe to say, that number will be higher for 2023.

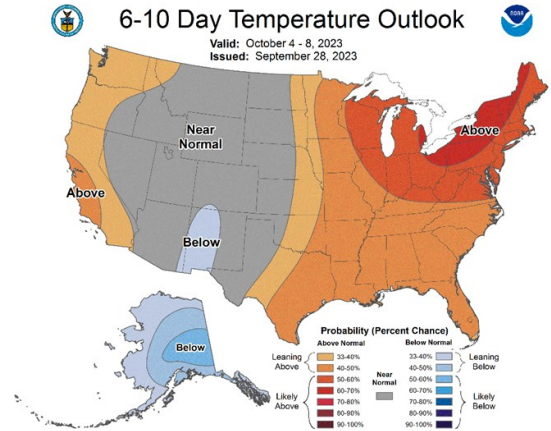
Long time readers of this blog may remember when it seemed like we were writing a paragraph a week about which ISO or regulatory body was commenting on grid reliability during the current week. It was so regular; it was perceived to be a bit. A congressional hearing yesterday has allowed us to bring back the "bit", but allowed us to condense it into one week. Each ISO had a representative at a [hearing](#) by a subcommittee on energy and commerce examining the state of grid reliability.

As expected, each witness testimony included the challenges faced in the transition from dispatchable to intermittent generation. PJM representative Stu Brelser, Sr VP of Market Services summed it up best when he 'urged policymakers to adopt a practice of building reliability considerations into the analysis of future potential policies to ensure alignment and help to enhance reliability into the future, while still meeting other policy goals.'

This week the IEA-ECB conference on energy transition is getting a lot of attention. While the focus is on the growth of renewables the reality will continue to be securing natural gas. Late last week, Ditte Juul Jorgensen, the director-general for energy in the European Commission, said in an interview to the Financial Times in New York, "we will need some fossil molecules in the system over the coming couple of decades. And in that context, there will be a need for American energy.". The European Union will need to rely on the US if they continue to diversify from Russian gas.

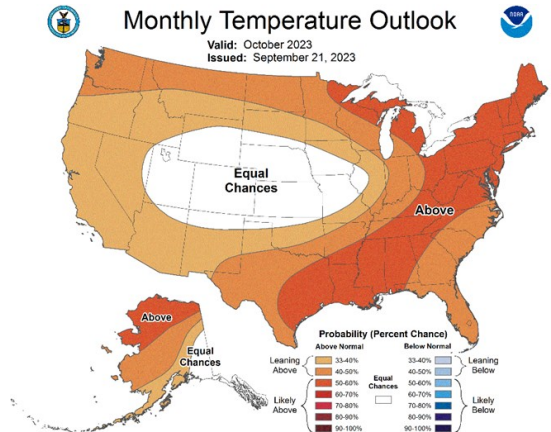
6-10 Day Temperature Outlook

Valid: October 4 - 8, 2023
Issued: September 28, 2023



Monthly Temperature Outlook

Valid: October 2023
Issued: September 21, 2023



COMMODITIES PRICING (\$/MMBtu)

Henry HUB Nat Gas	9/29/2023	\$2.94
WTI Crude Oil	9/29/2023	\$90.92

