Natural gas

U.S. dry natural gas production and consumption

U.S. dry natural gas production
**AEO2021 side cases**
trillion cubic feet

High Oil and Gas Supply
High Oil Price
Reference
Low Oil Price
Low Oil and Gas Supply
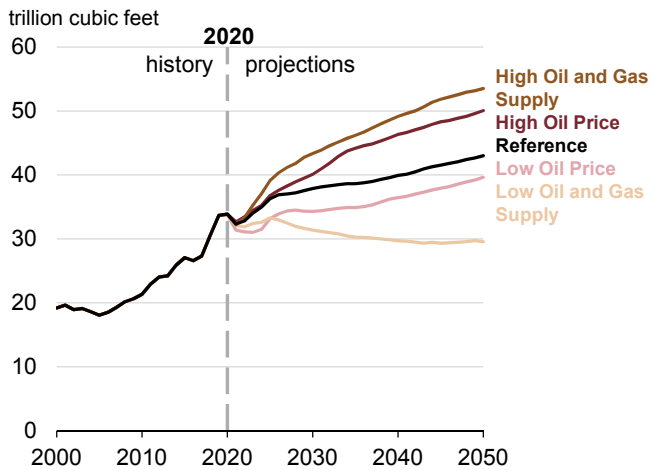
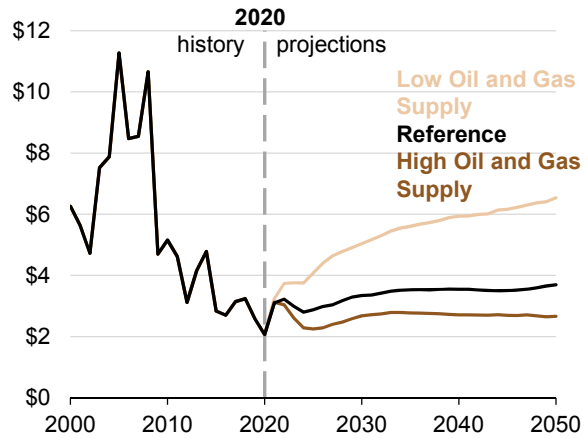**U.S. natural gas consumption**
AEO2021 side cases
trillion cubic feet
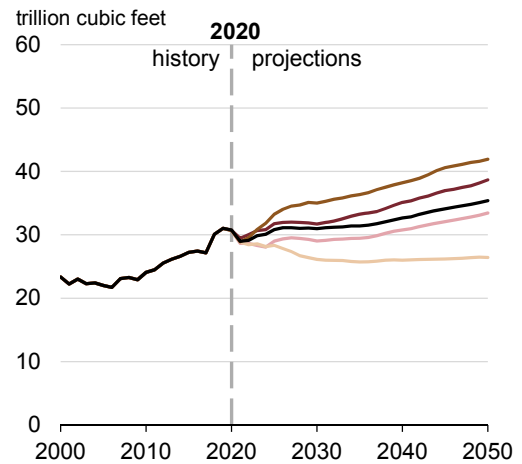
Natural gas production and prices

U.S. dry natural gas production
AEO2021 oil and gas supply cases
trillion cubic feet

High Oil and Gas Supply
Reference
Low Oil and Gas Supply
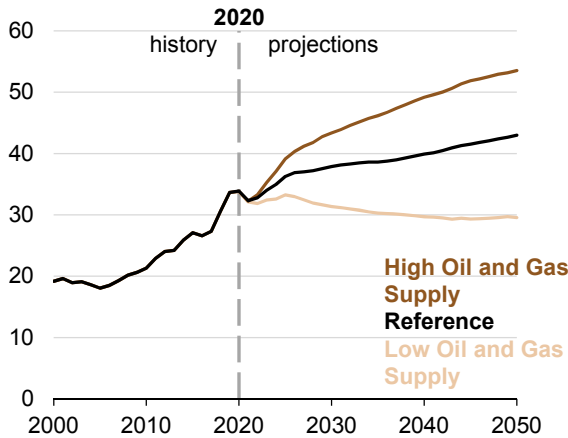
Natural gas spot price at Henry Hub
AEO2021 oil and gas supply cases
2020 dollars per million British thermal units

Low Oil and Gas Supply
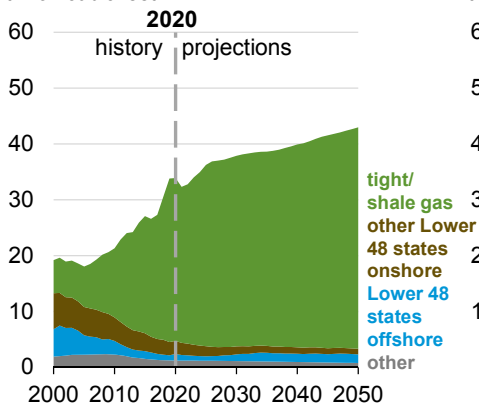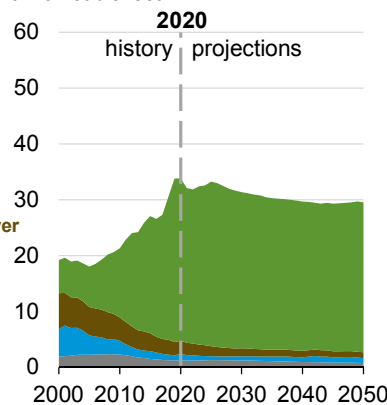**Reference**
High Oil and Gas Supply

U.S. dry natural gas production by type

U.S. dry natural gas production by type, AEO2021 oil and gas supply cases

Reference case
trillion cubic feet

tight/shale gas
other Lower 48 states onshore
Lower 48 states offshore
other

Low Oil and Gas Supply case
trillion cubic feet

High Oil and Gas Supply case
trillion cubic feet

U.S. production of natural gas from shale resources

U.S. dry natural gas production from shale resources by region, AEO2021 oil and gas supply cases
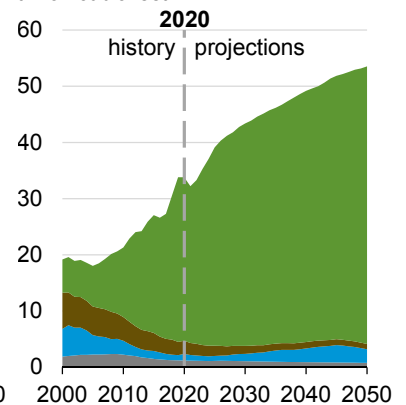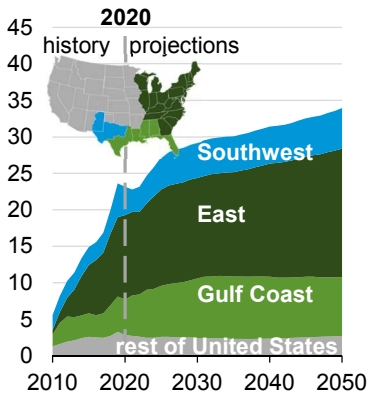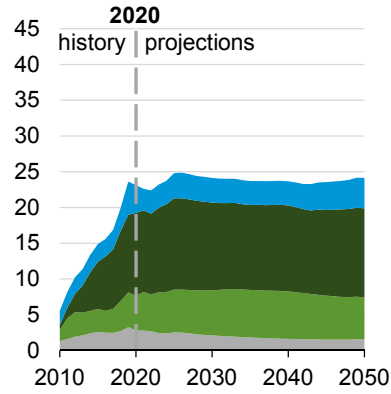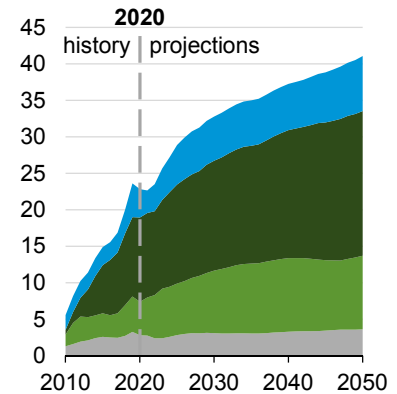
Reference case
trillion cubic feet

Low Oil and Gas Supply case
trillion cubic feet
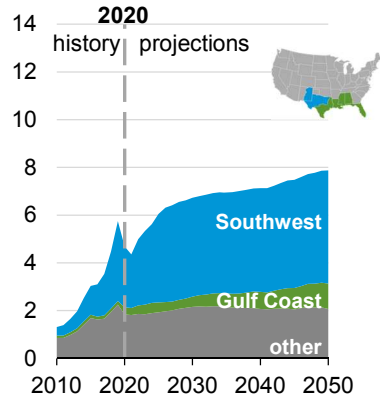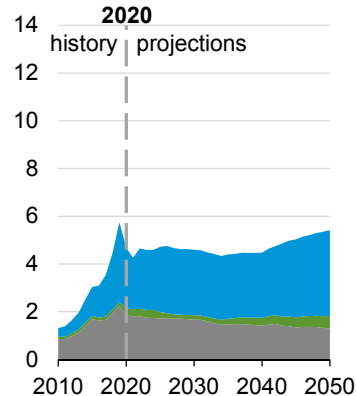

High Oil and Gas Supply case
trillion cubic feet

U.S. production of natural gas from oil formations

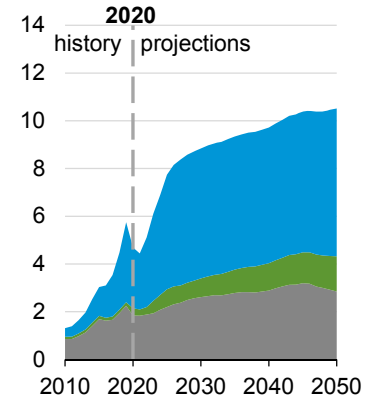**U.S. dry natural gas production from oil formations by region, AEO2021 oil and gas supply cases**

Reference case
trillion cubic feet

Low Oil and Gas Supply case
trillion cubic feet

High Oil and Gas Supply case
trillion cubic feet

U.S. natural gas consumption by sector

Natural gas consumption by sector, AEO2021 Reference case
trillion cubic feet
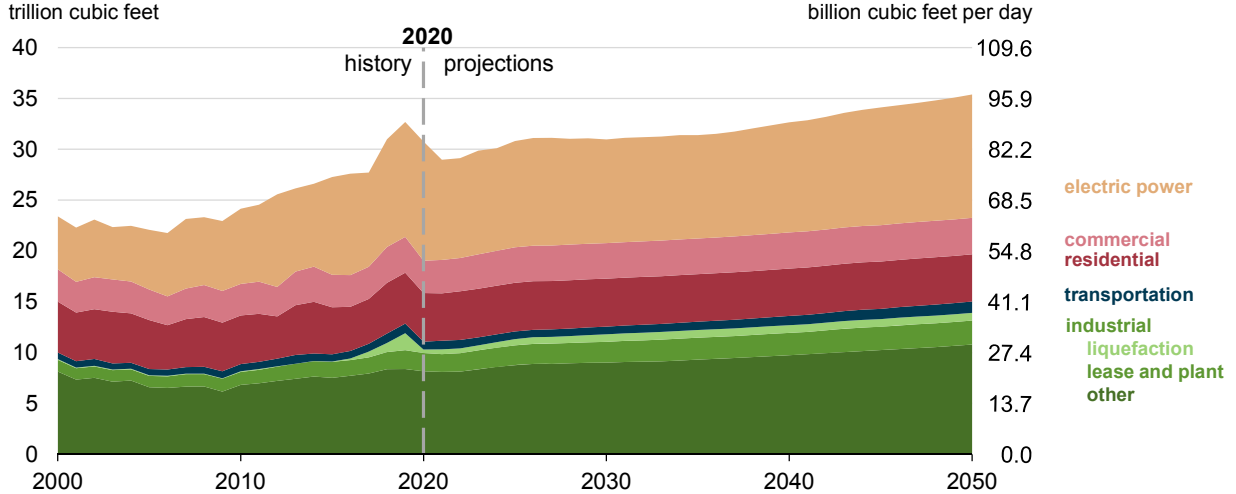
billion cubic feet per day

2020
history | projections

electric power

commercial
residential

transportation

industrial
liquefaction
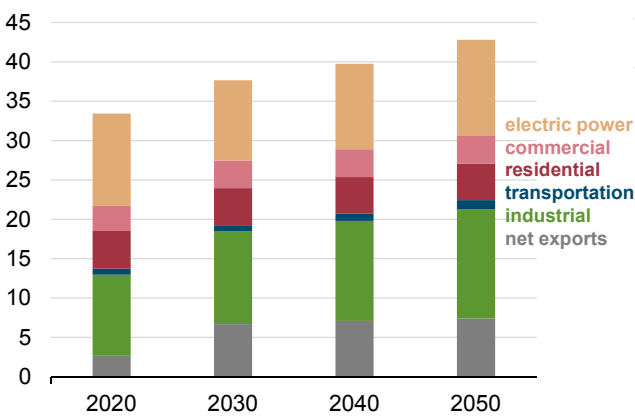lease and plant
other

Change in natural gas disposition by sector and net exports

Natural gas disposition by sector and net exports
AEO2021 Reference case
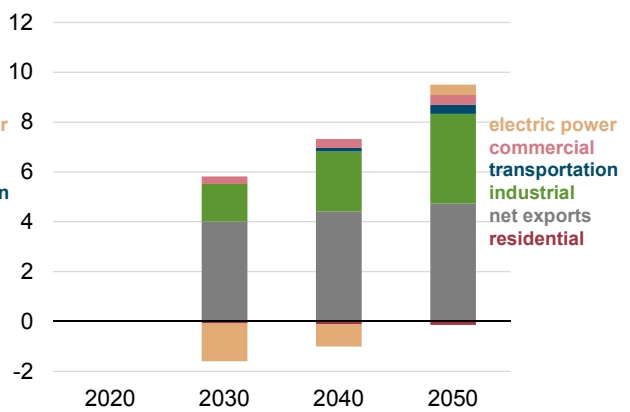trillion cubic feet

electric power
commercial
residential
transportation
industrial
net exports

Change in natural gas disposition and net exports
AEO2021 Reference case
relative to 2020 in trillion cubic feet

electric power
commercial
transportation
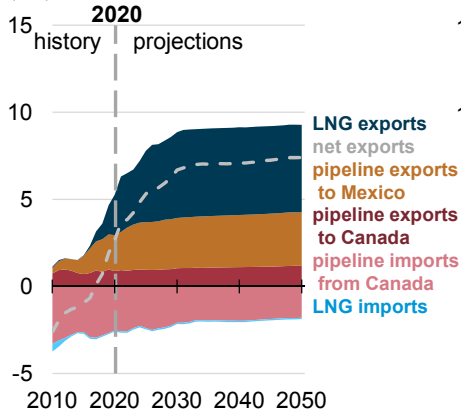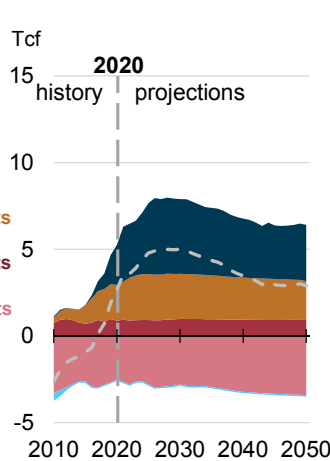industrial
net exports
residential

U.S. natural gas and liquefied natural gas (LNG) trade

U.S. natural gas and LNG trade, AEO2021 oil and gas supply cases
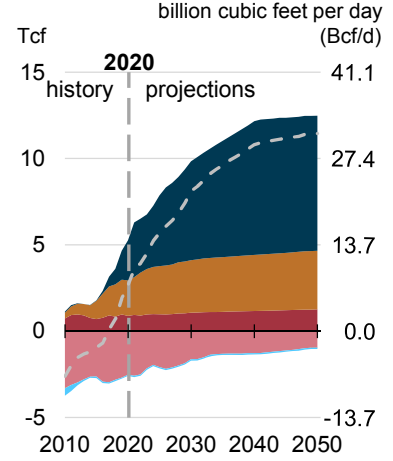
Reference case
trillion cubic feet
(Tcf)

Low Oil and Gas Supply case
Tcf

High Oil and Gas Supply case
billion cubic feet per day
Tcf   (Bcf/d)

Legend:
- LNG exports
- net exports
- pipeline exports to Mexico
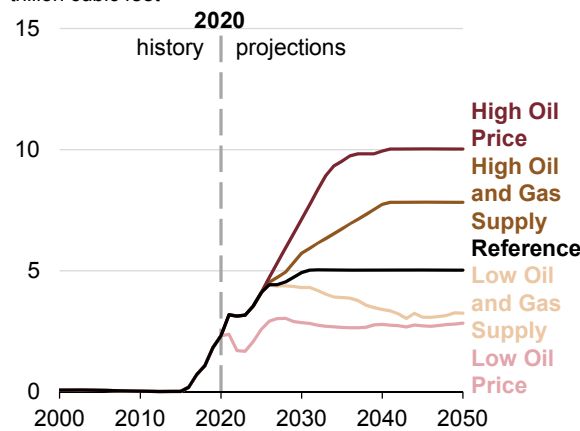- pipeline exports to Canada
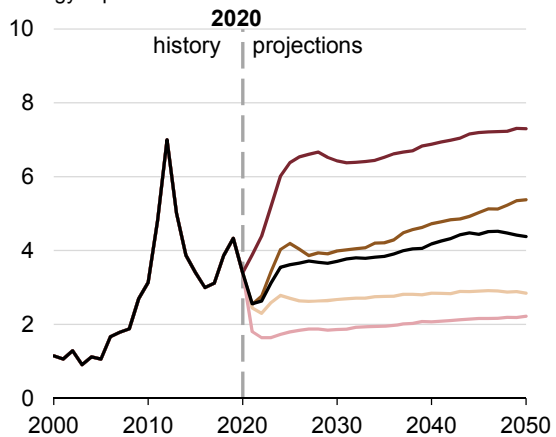- pipeline imports from Canada
- LNG imports

U.S. liquefied natural gas (LNG) exports and oil and natural gas prices

U.S. liquefied natural gas exports
AEO2021 supply and price cases
trillion cubic feet

Legend:
- High Oil Price
- High Oil and Gas Supply
- Reference
- Low Oil and Gas Supply
- Low Oil Price

Ratio of Brent crude oil price to natural gas price
at Henry Hub, AEO2021 supply and price cases
energy-equivalent terms