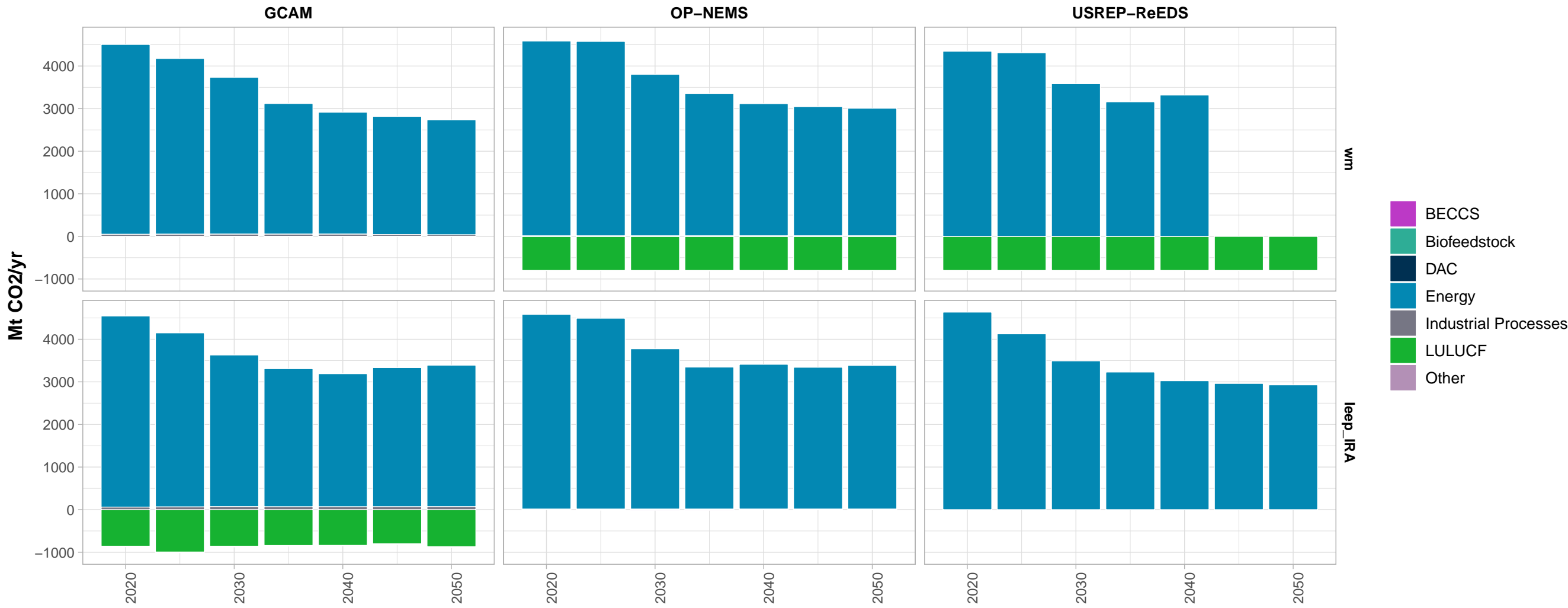
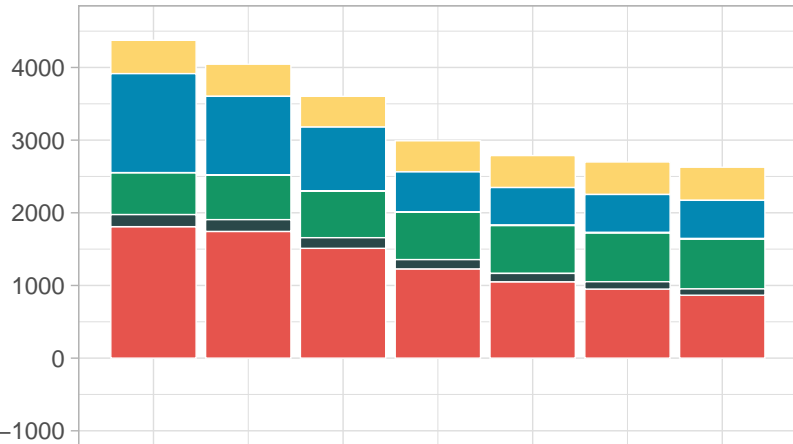


# CO2 Emissions: United States

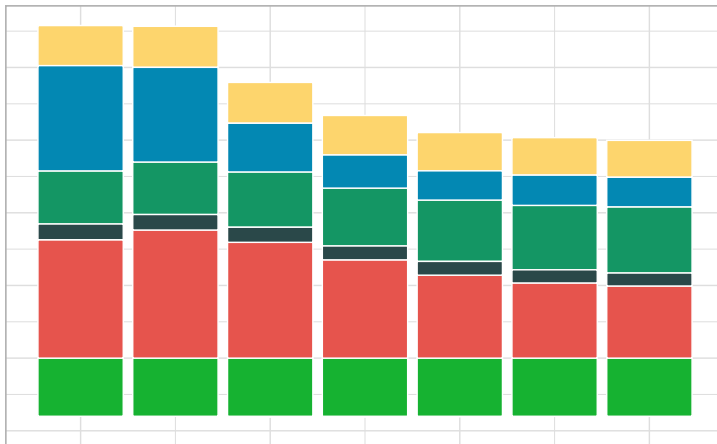


# Sectoral CO2 Emissions: United States

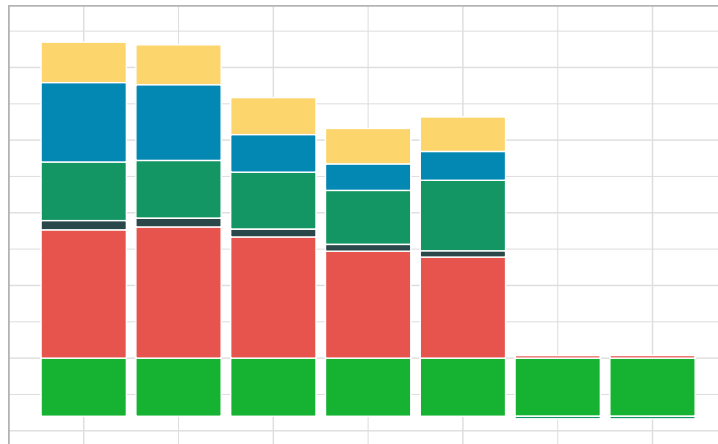
GCAM



OP-NEMS



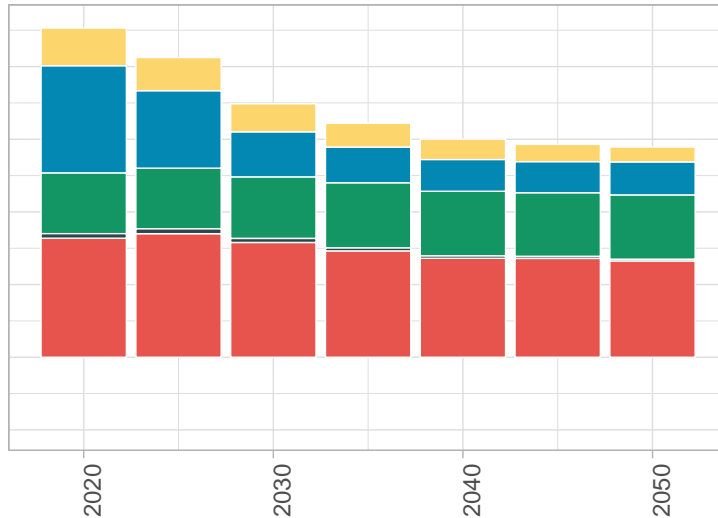
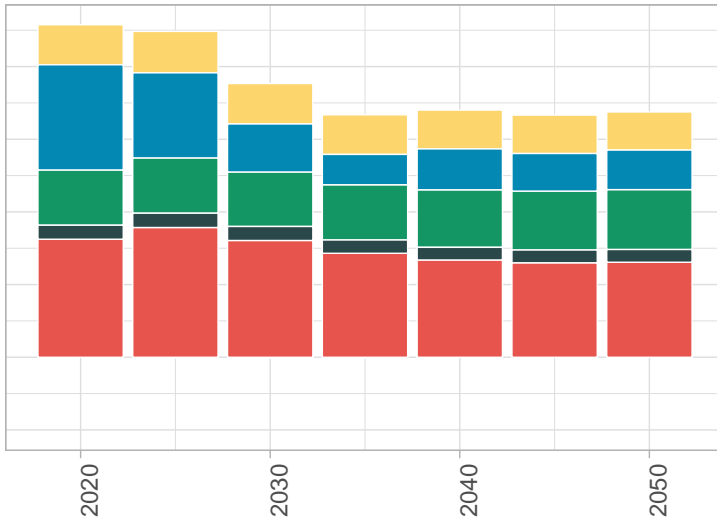
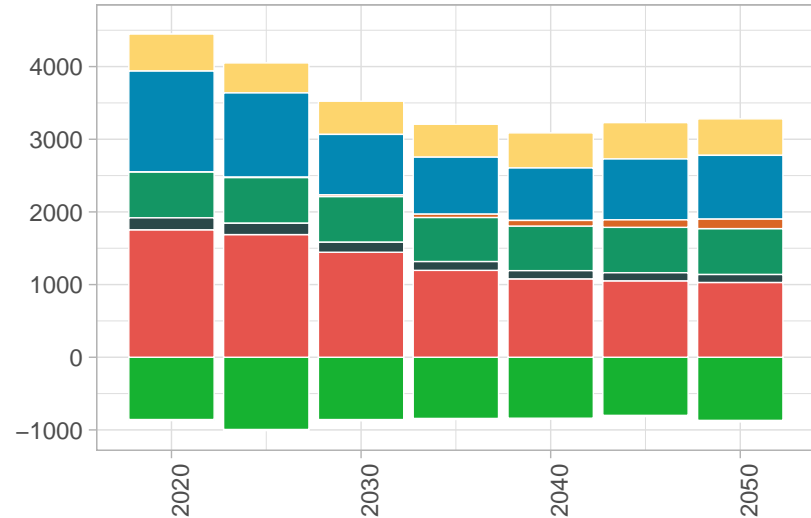
USREP-ReEDS



wm

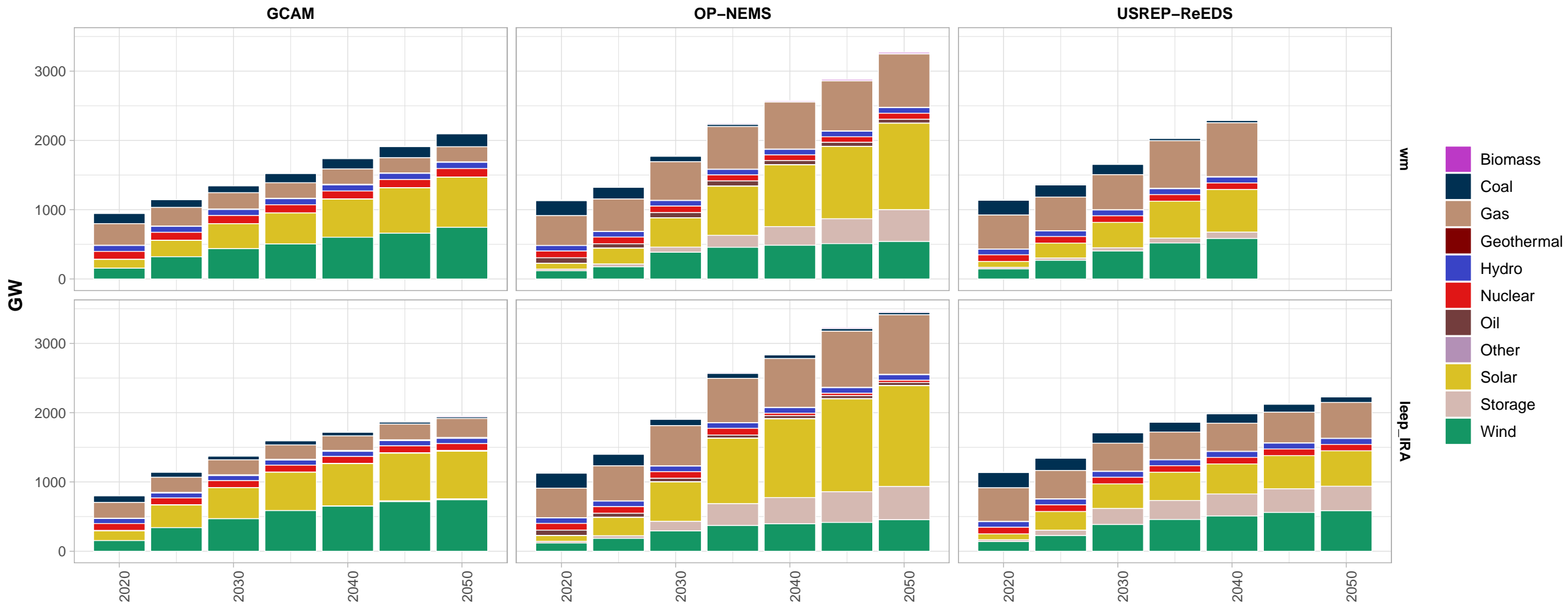
- BECCS
- Biofeedstock
- Buildings
- DAC
- Electricity
- Hydrogen
- Industry
- LULUCF
- Refining
- Transportation

Mt CO2/yr

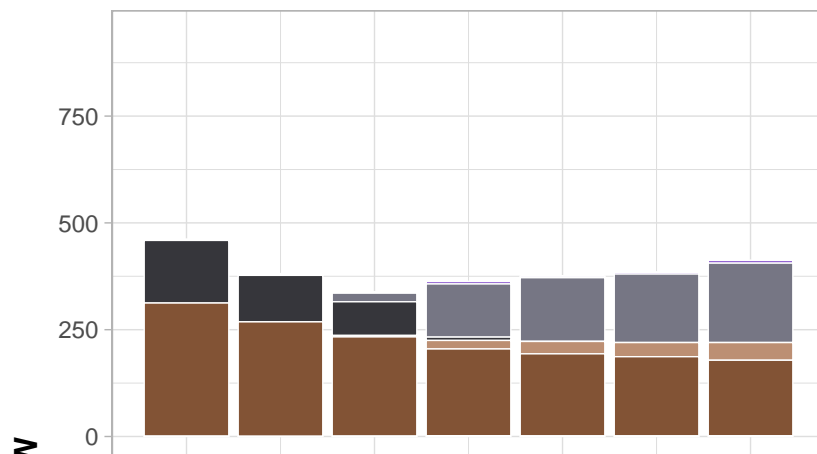


leap\_IRA

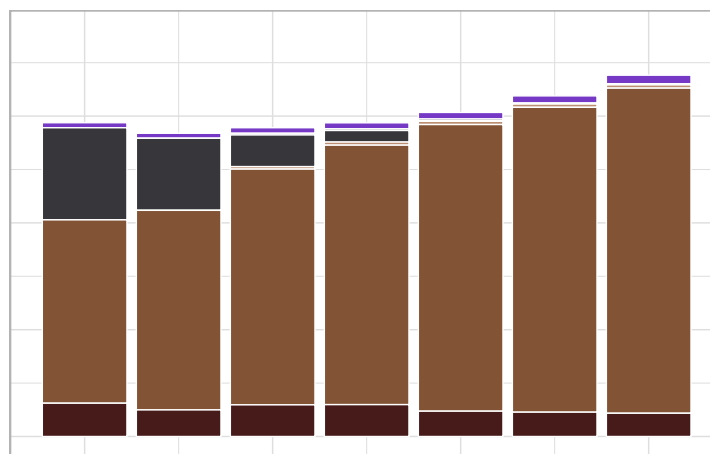
# Electricity Capacity: United States



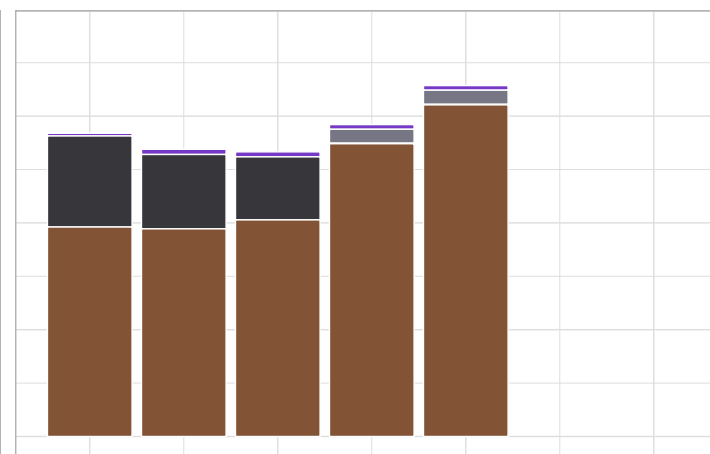
## Electricity Capacity – Combustion: United States

**GCAM**

**OP-NEMS**



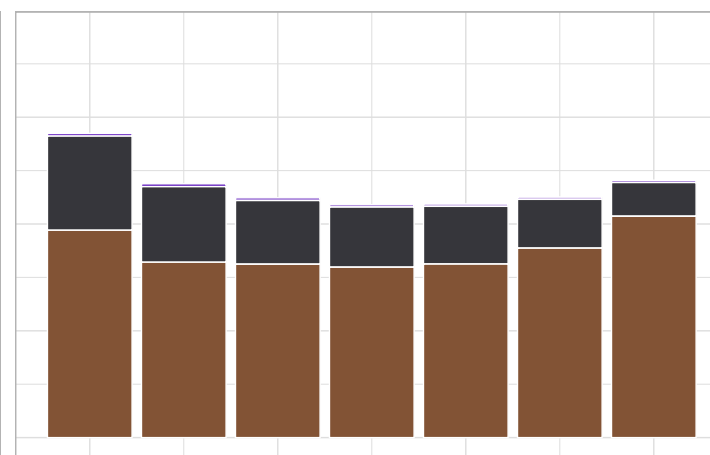
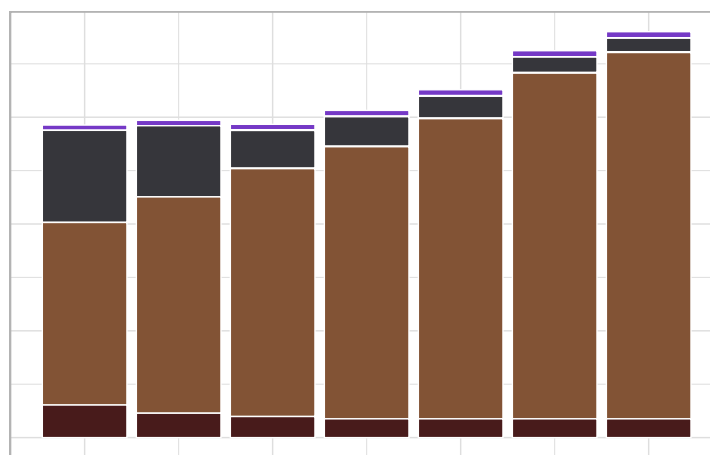
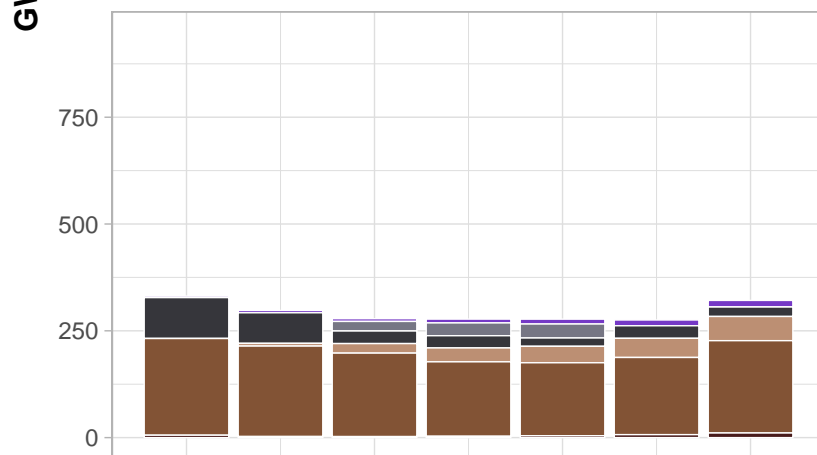
USREP-ReEDS



GW

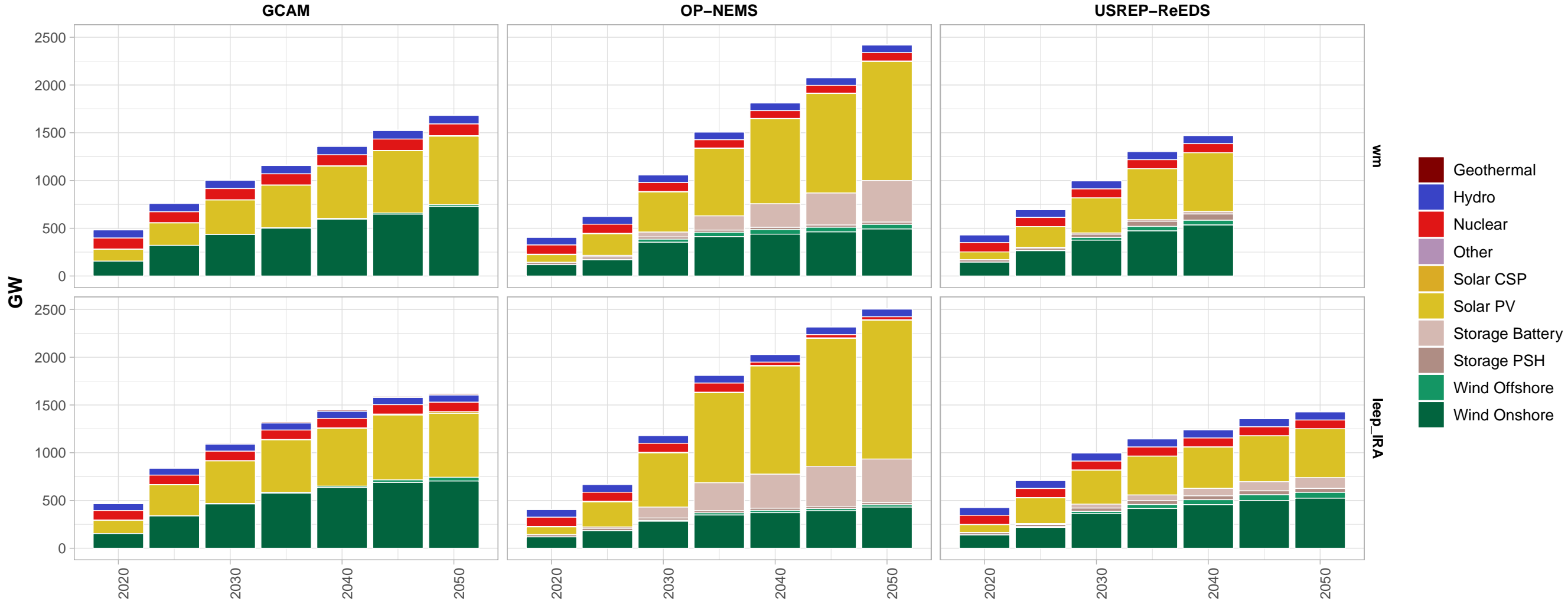
wmm

leep\_IRA

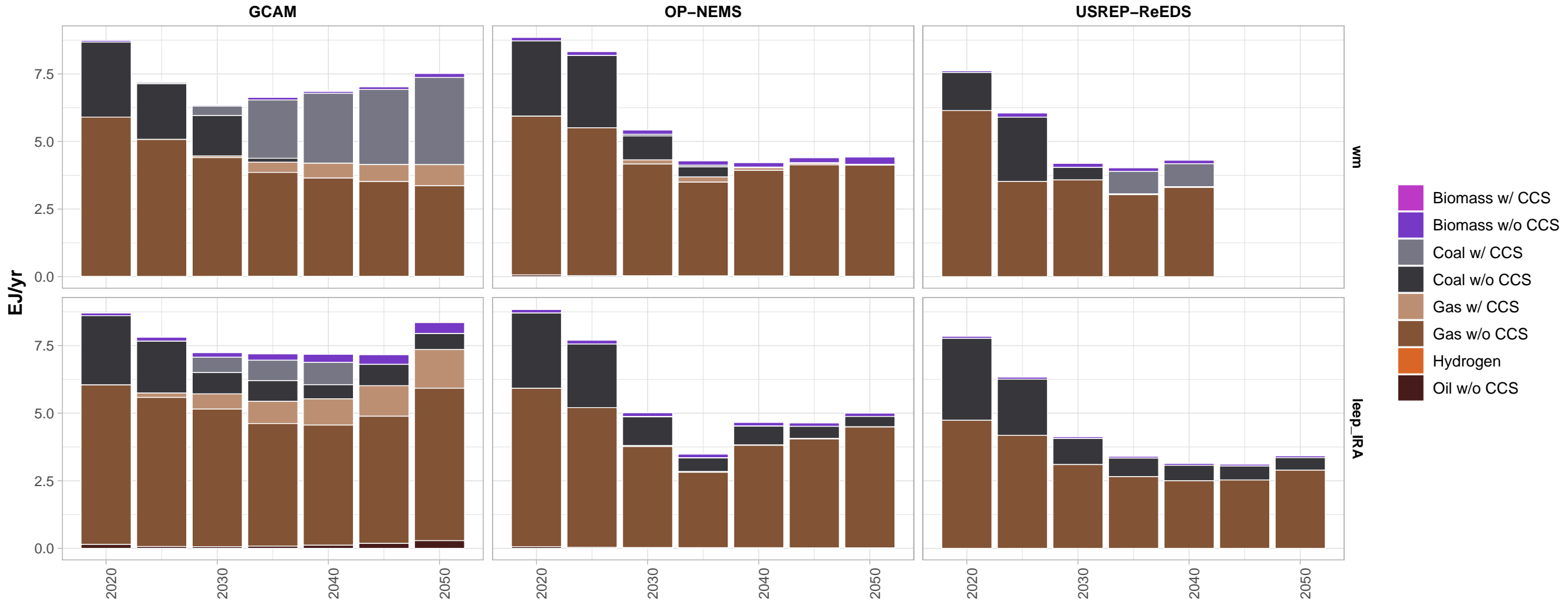


- Biomass w/ CCS
- Biomass w/o CCS
- Coal w/ CCS
- Coal w/o CCS
- Gas w/ CCS
- Gas w/o CCS
- Oil w/o CCS

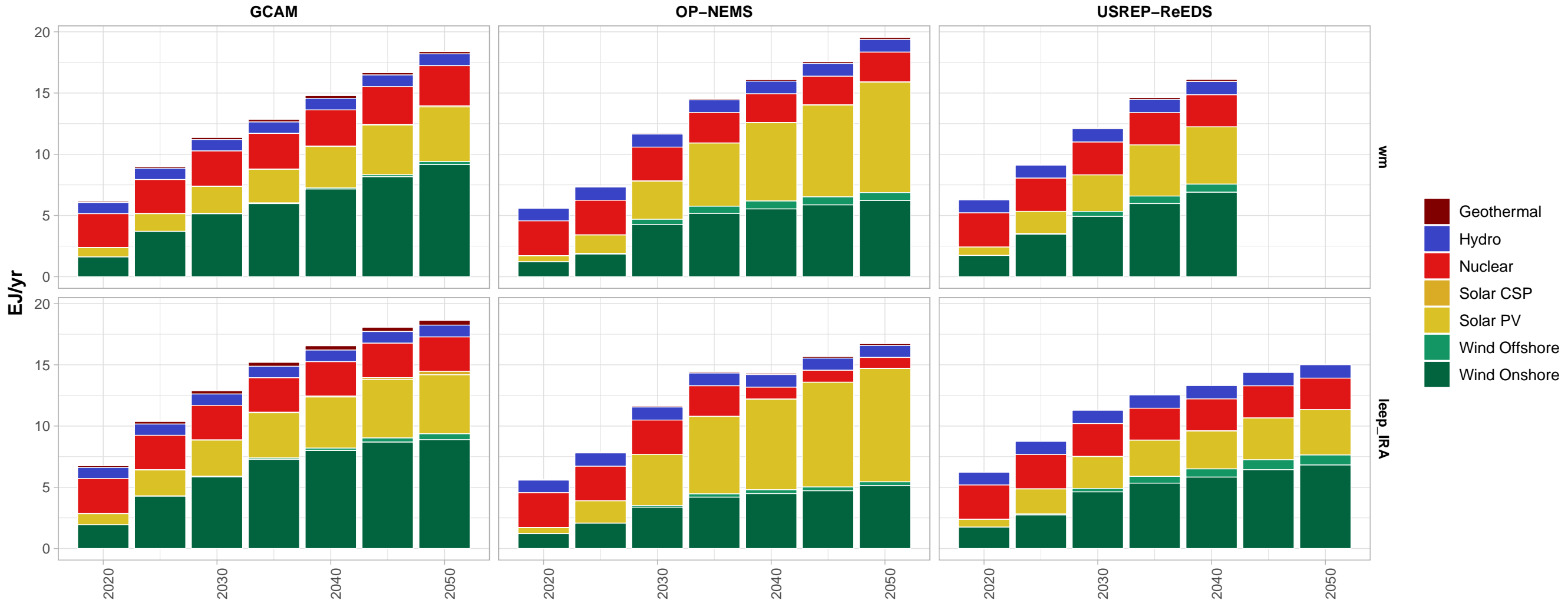
Electricity Capacity – Non-Combustion: United States



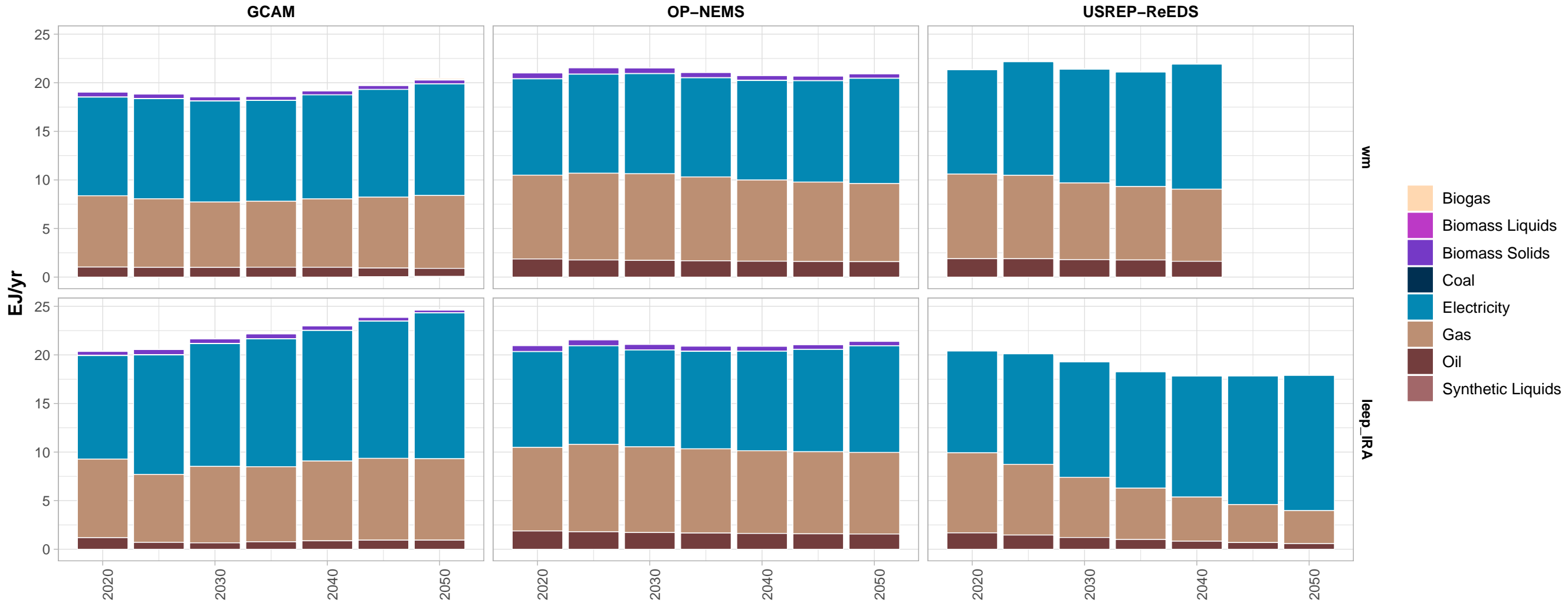
# Electricity Generation – Combustion: United States



# Electricity Generation – Non-Combustion: United States

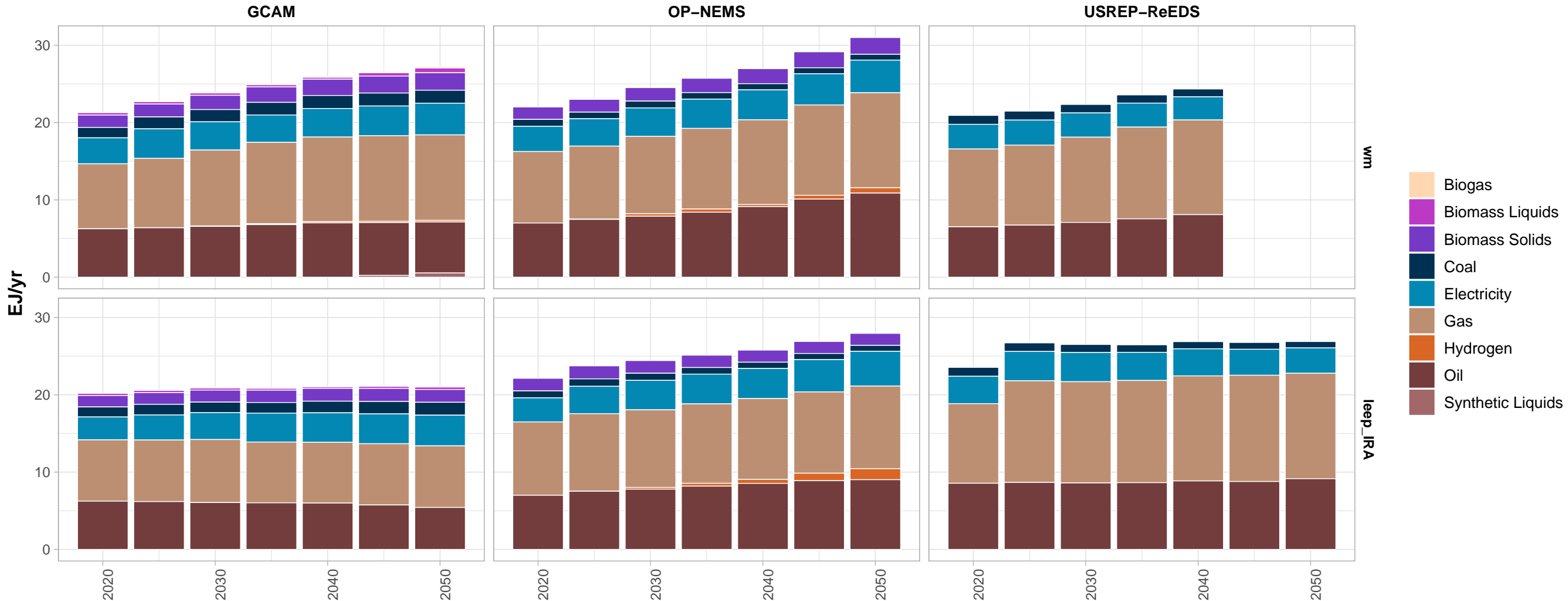


# Final Energy – Buildings: United States



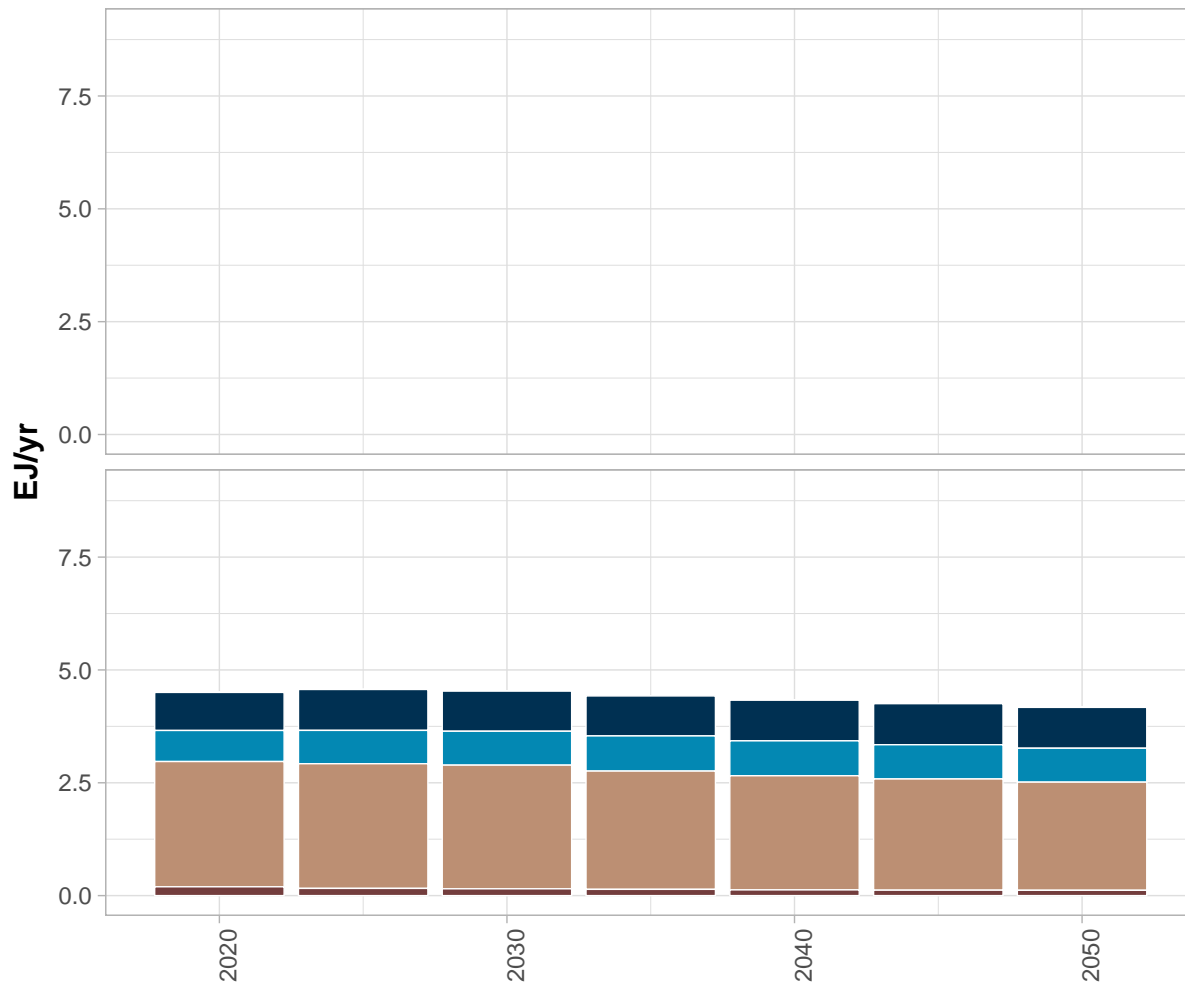


# Final Energy – Industry: United States

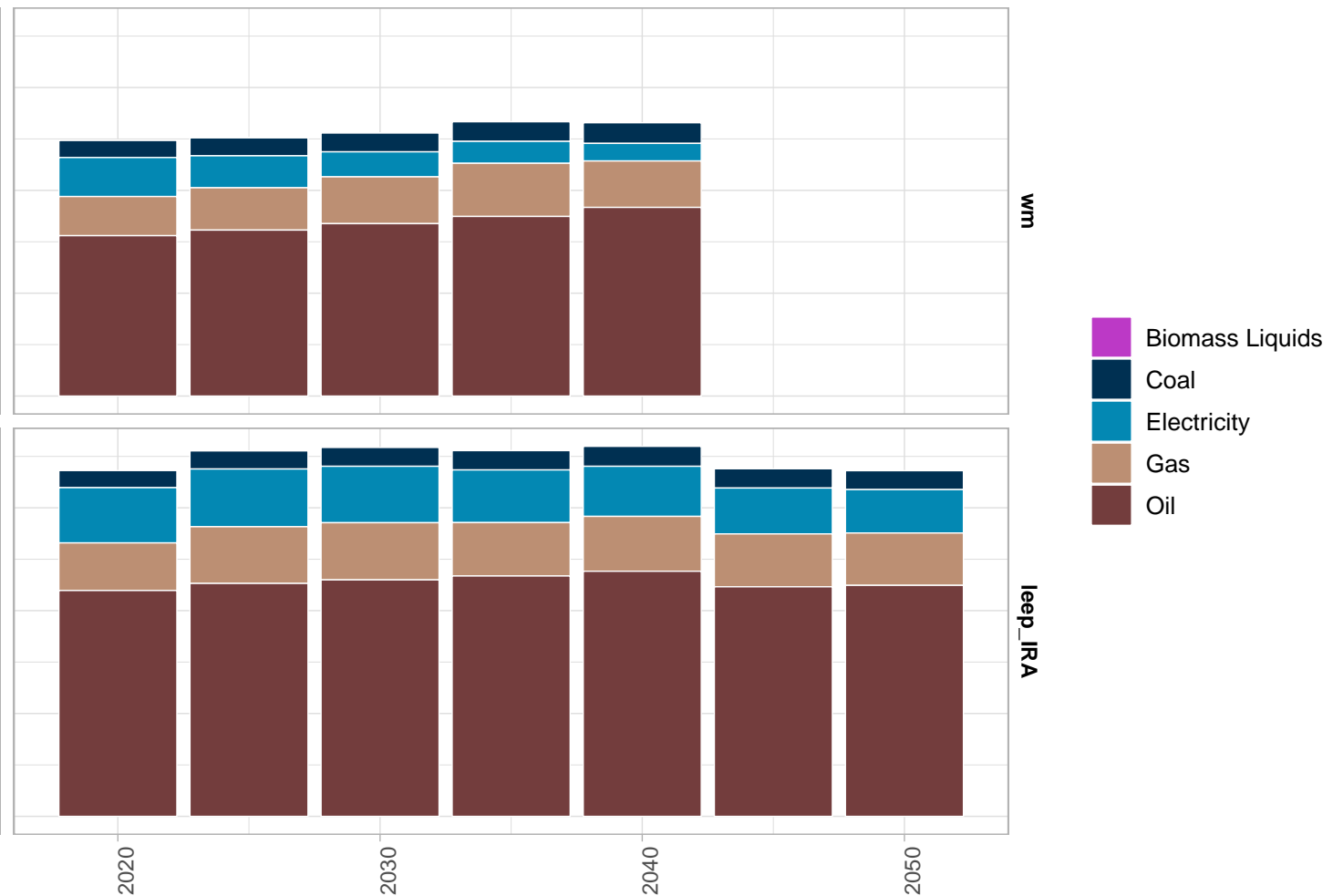


# Final Energy – Industry – Elnt Mfg: United States

GCAM

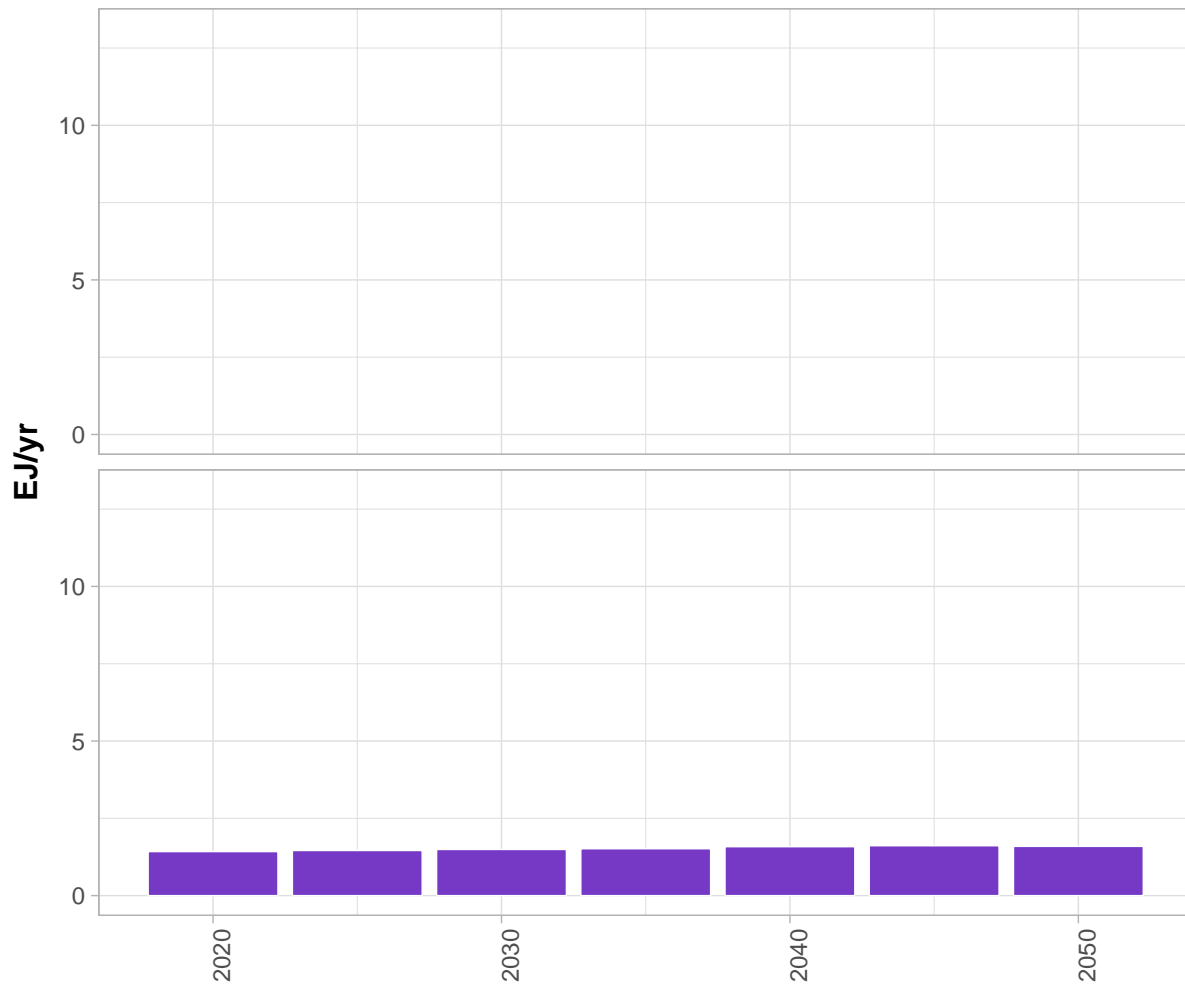


USREP-ReEDS

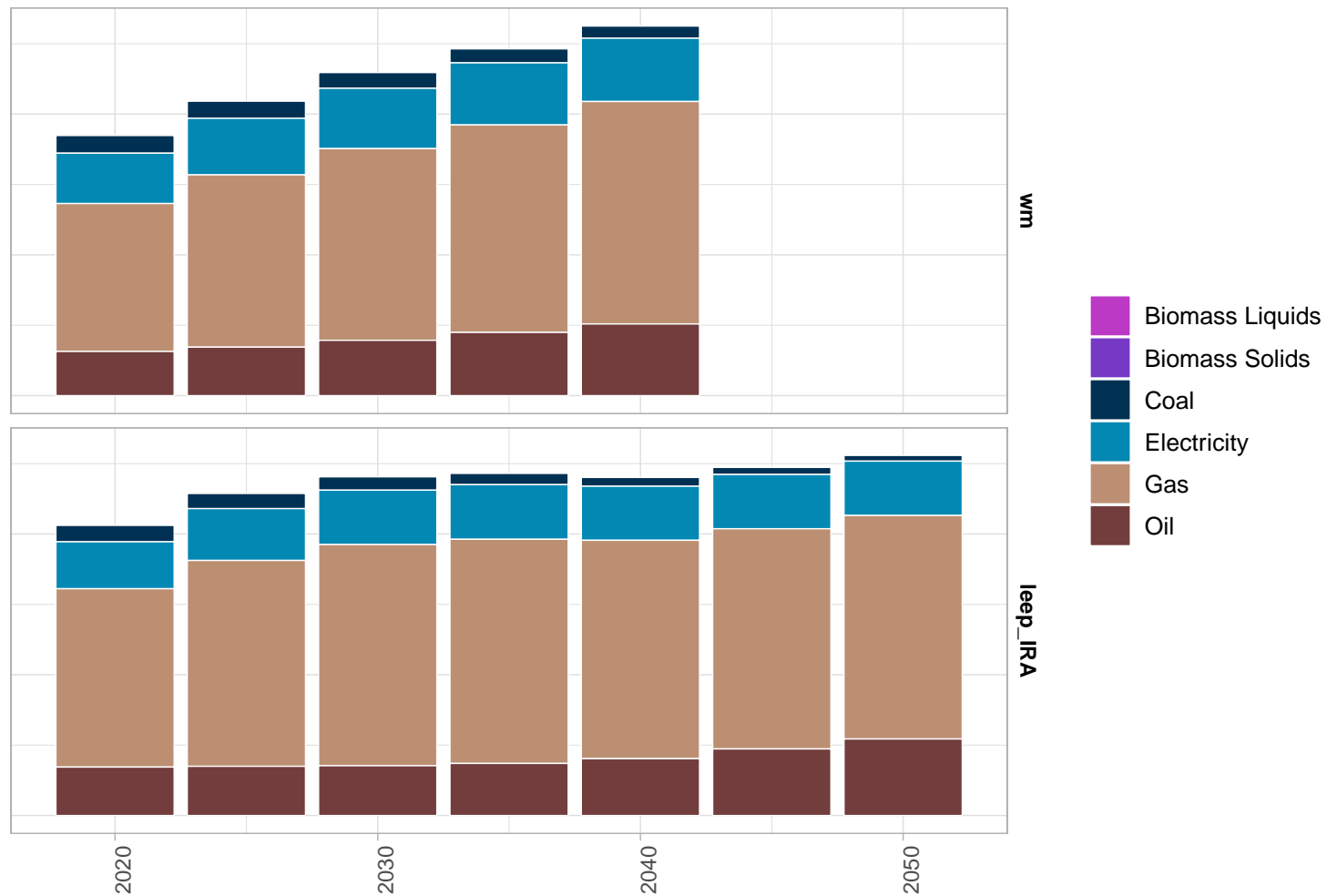


# Final Energy – Industry – Non-EInt Mfg: United States

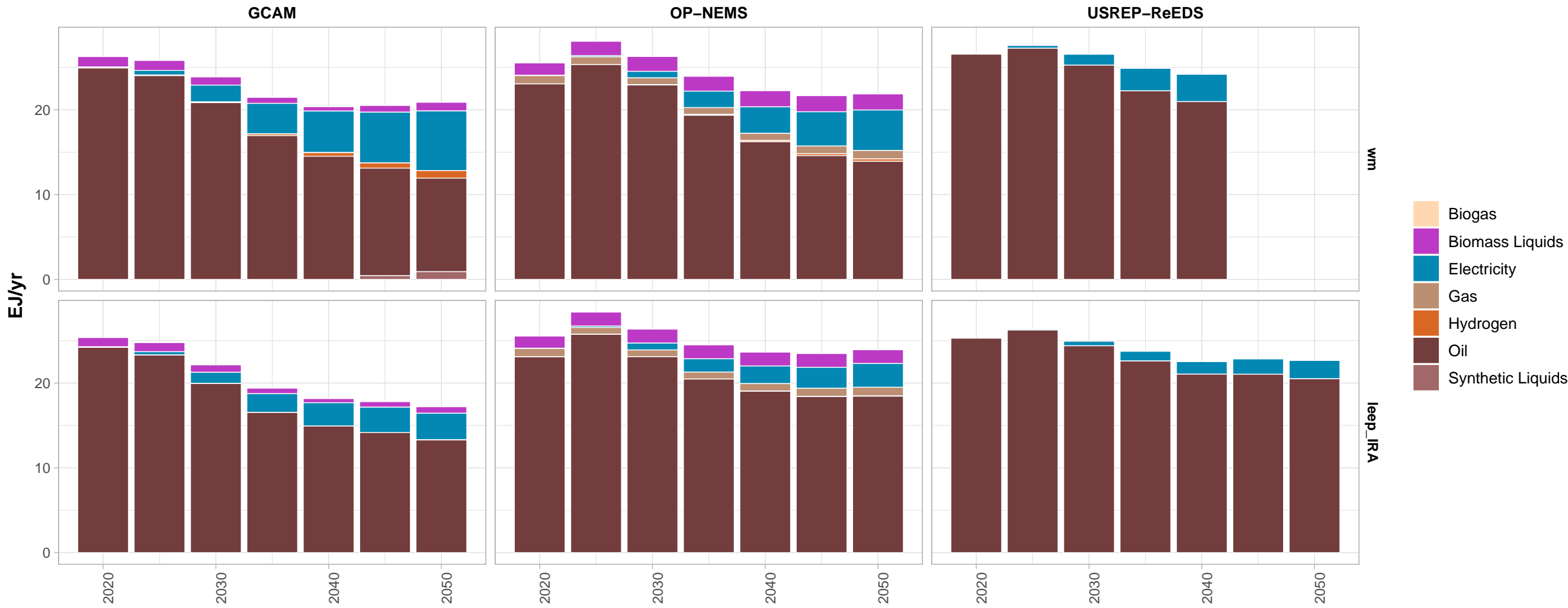
GCAM



USREP-ReEDS

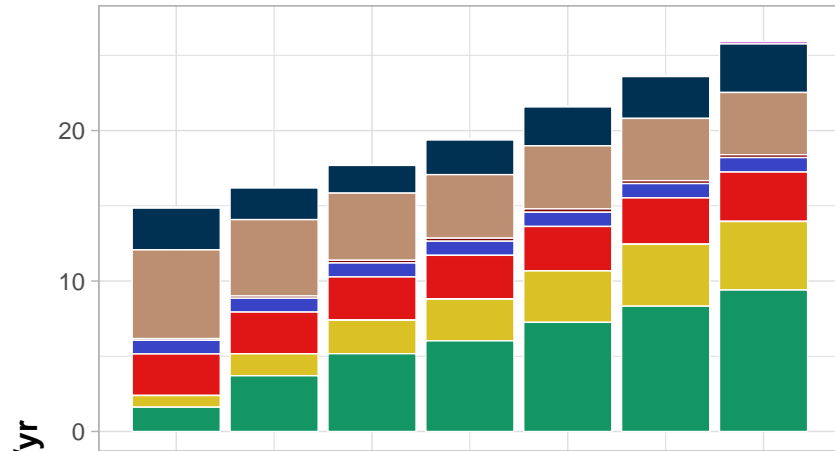


# Final Energy – Transportation: United States

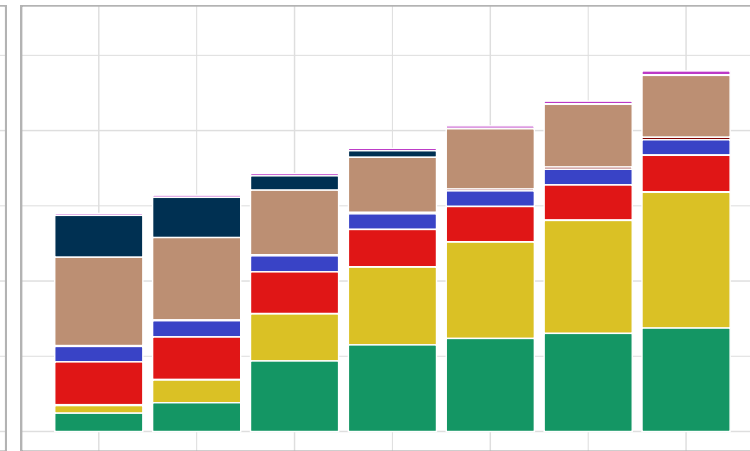


# Electricity Generation: United States

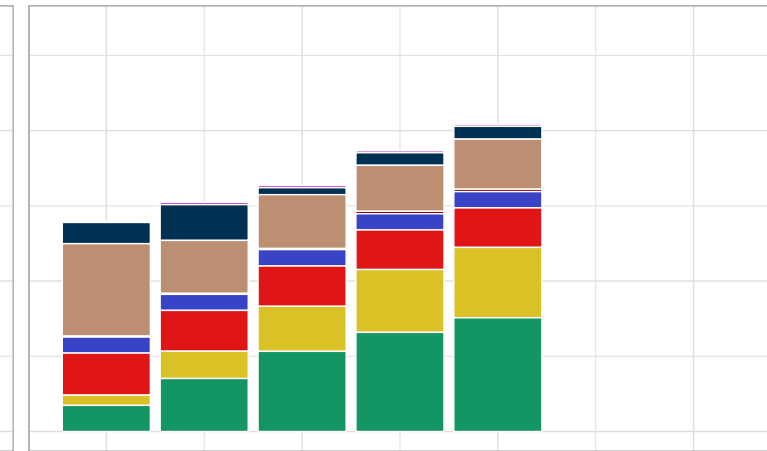
## GCAM



## OP-NEMS



## USREP-ReEDS



EJ/yr

wm

leap\_IRA

- Biomass
- Coal
- Gas
- Geothermal
- Hydro
- Hydrogen
- Nuclear
- Oil
- Solar
- Wind

2020

2030

2040

2050

2020

2030

2040

2050

2020

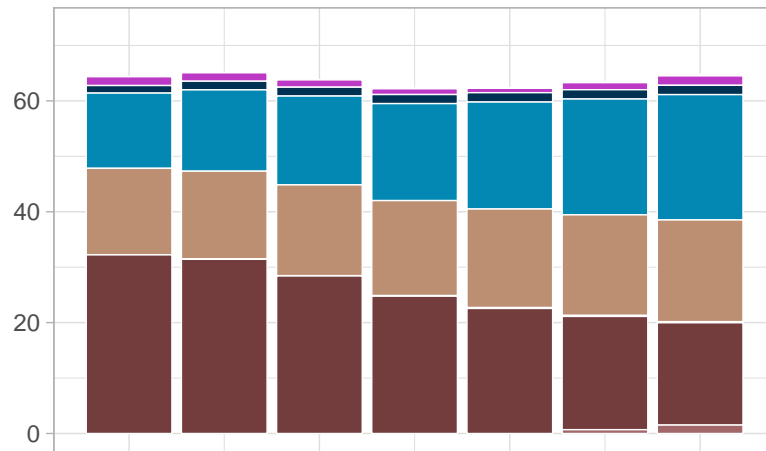
2030

2040

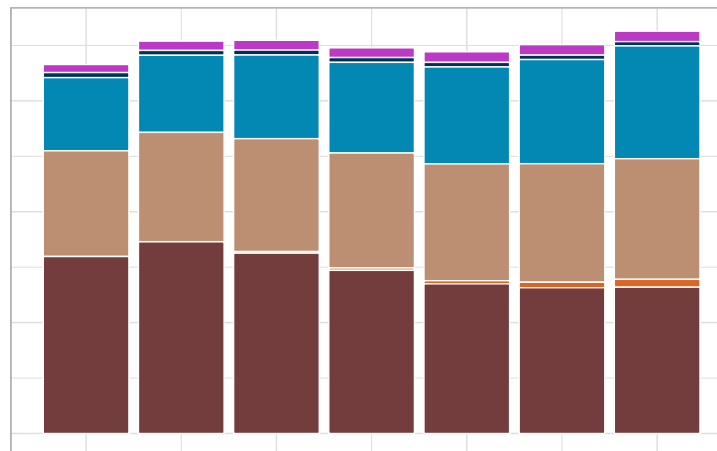
2050

# Final Energy – Fuel: United States

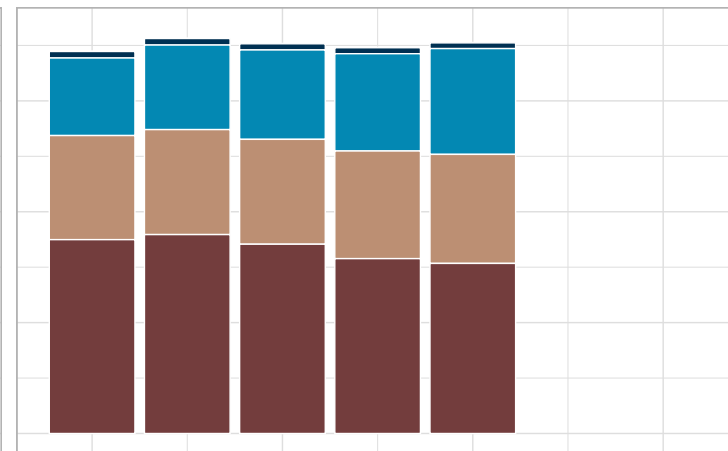
GCAM



OP-NEMS



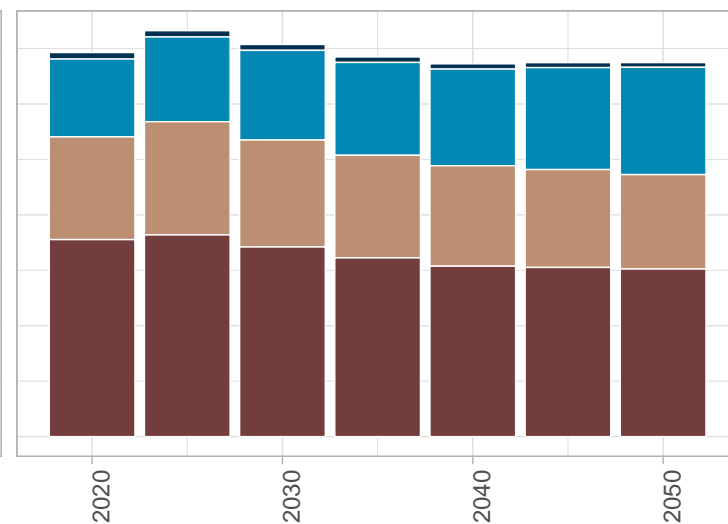
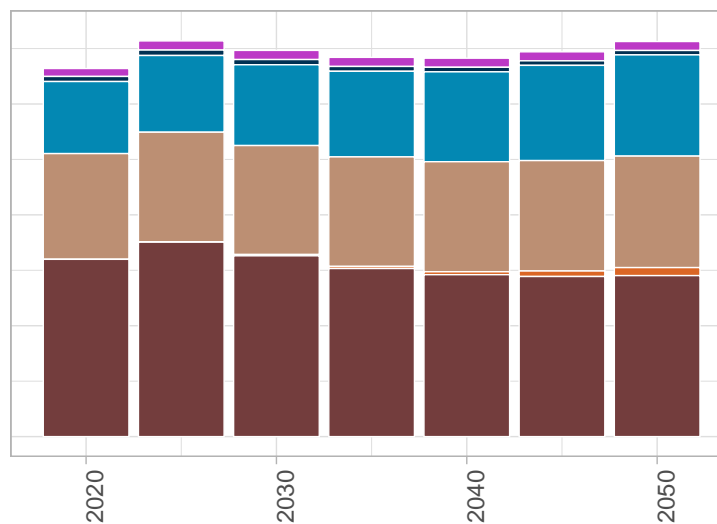
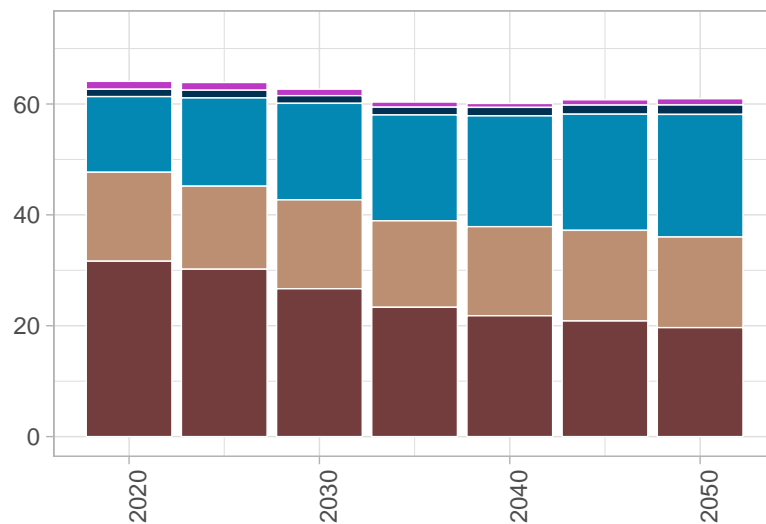
USREP-ReEDS



wm

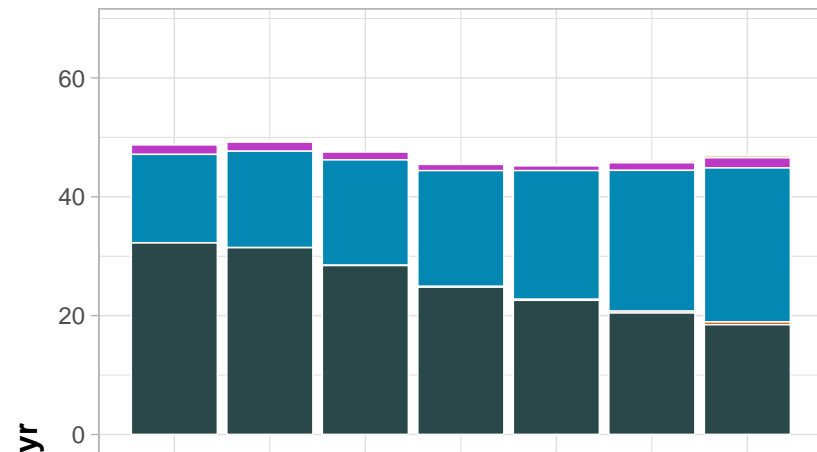
- Biogas
- Biomass Liquids
- Coal
- Electricity
- Gas
- Hydrogen
- Oil
- Synthetic Liquids

leap\_IRA

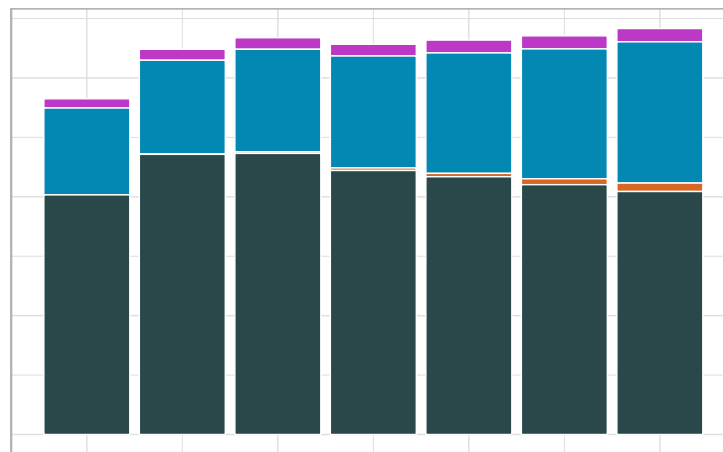


# Secondary Energy: United States

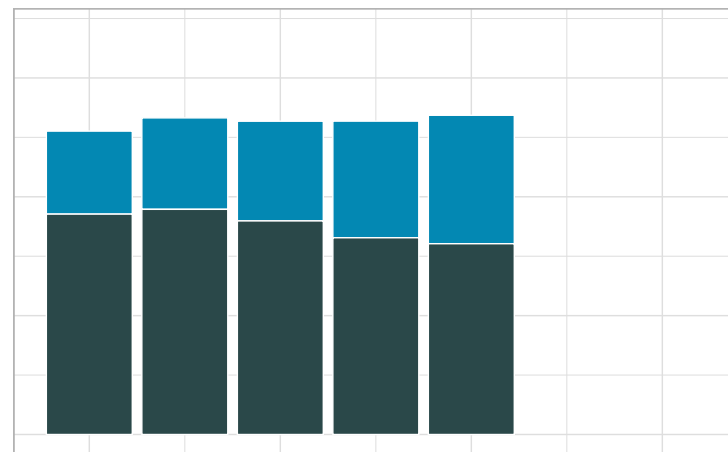
GCAM



OP-NEMS



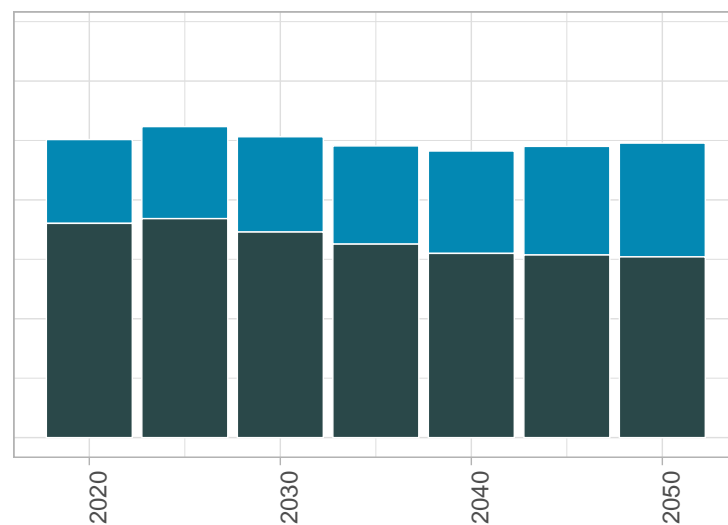
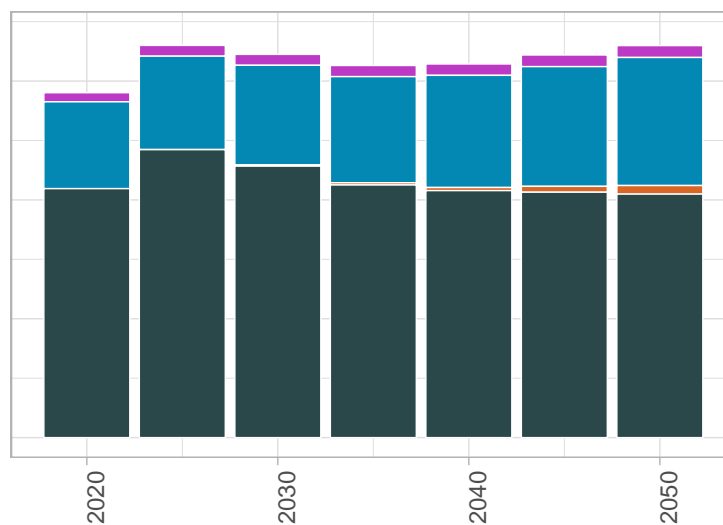
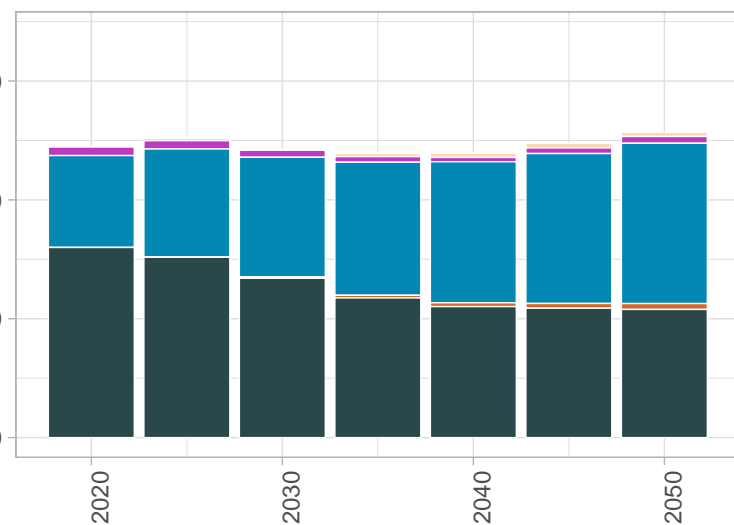
USREP-ReEDS



EJ/yr

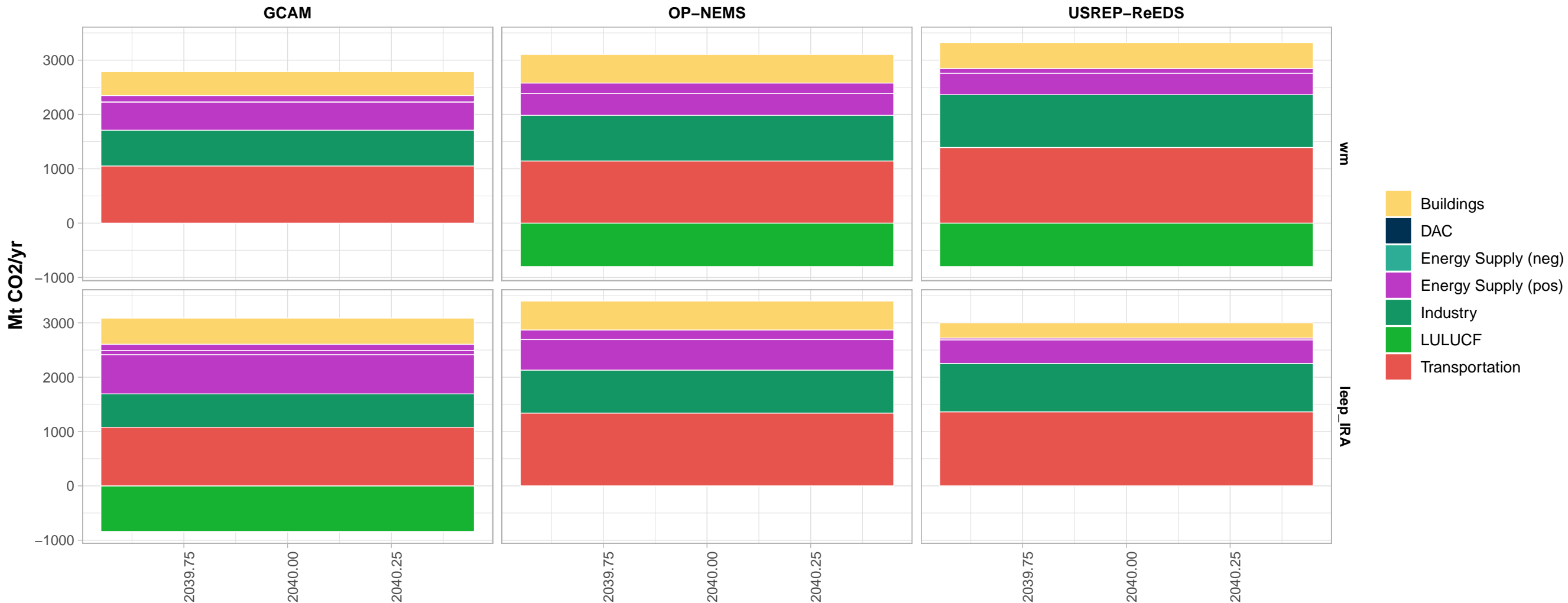
wm

- Biogas
- Biomass Liquids
- Electricity
- Hydrogen
- Refining
- Synthetic Gas



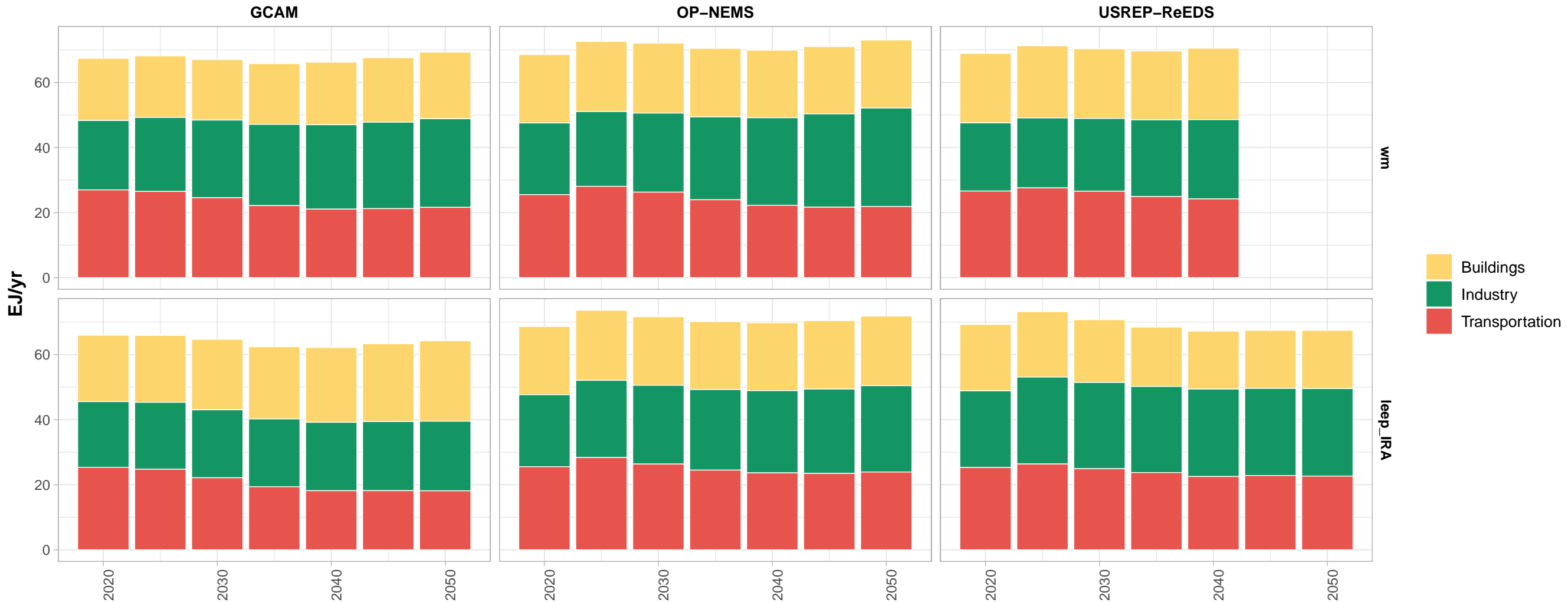
leap\_IRA

# Sectoral CO2 Emissions (2040): United States

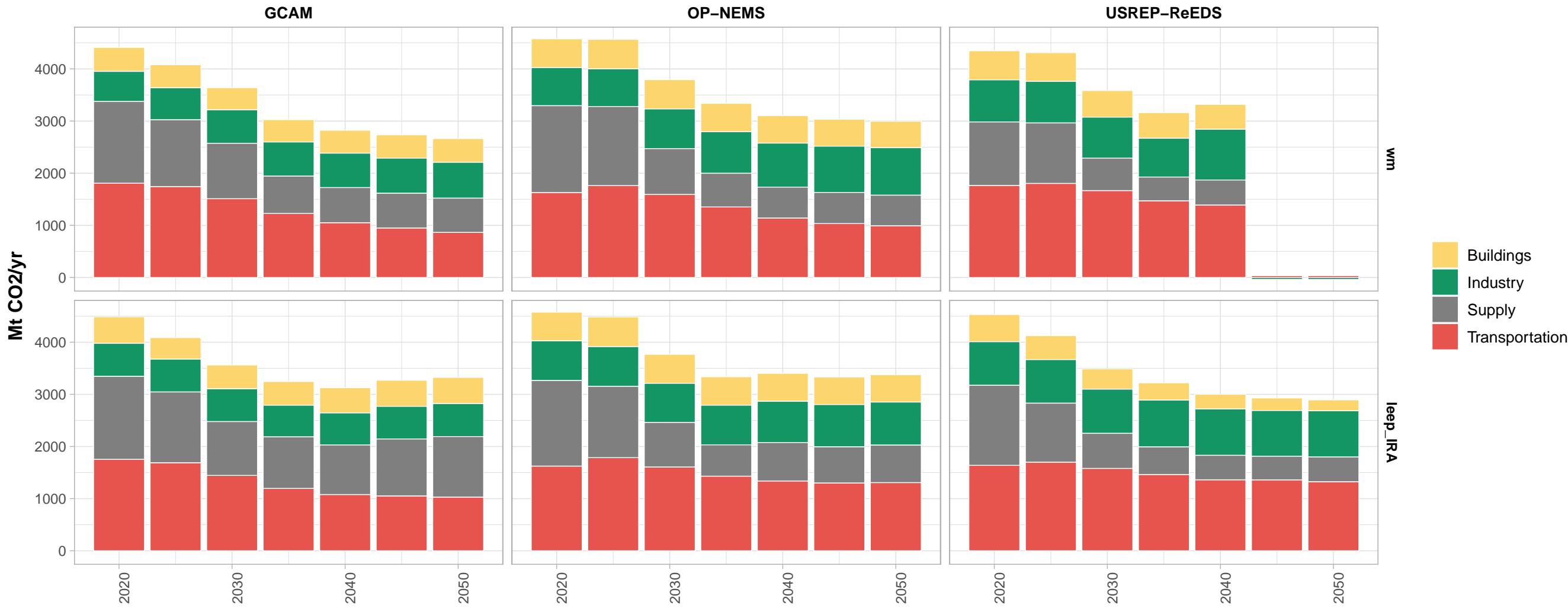




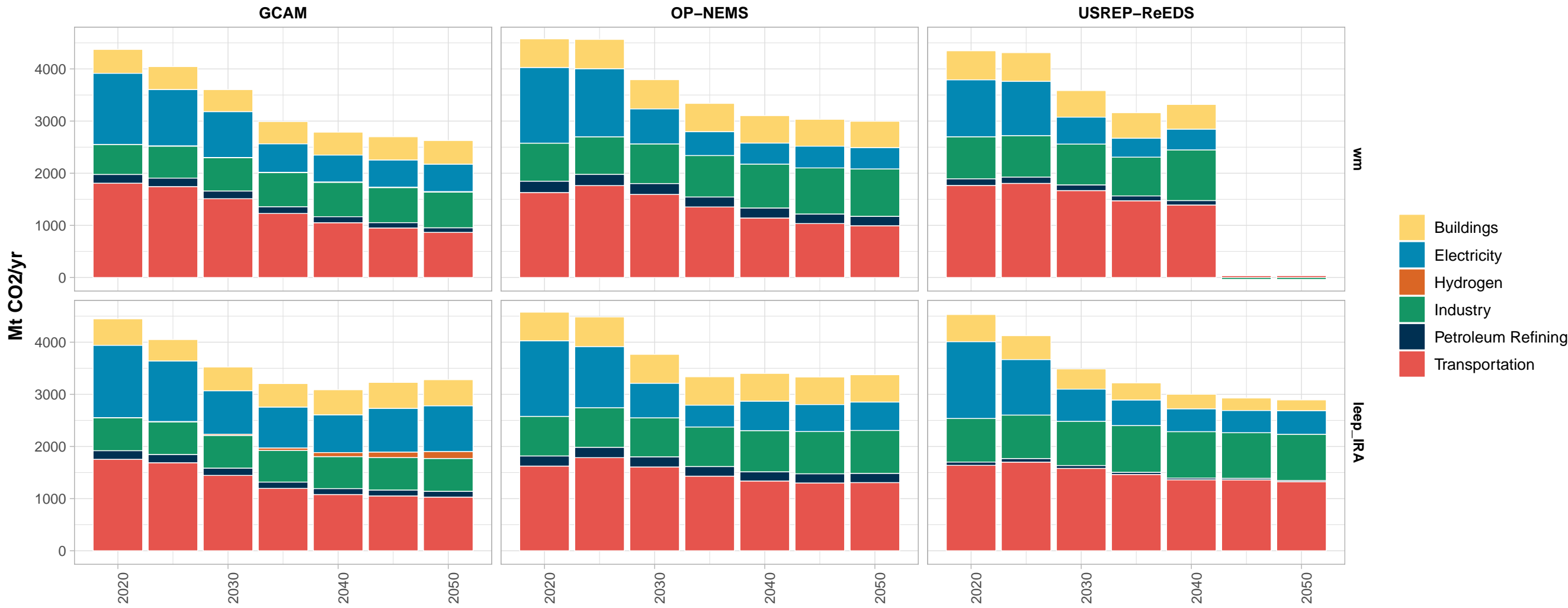
# Final Energy – Sector: United States



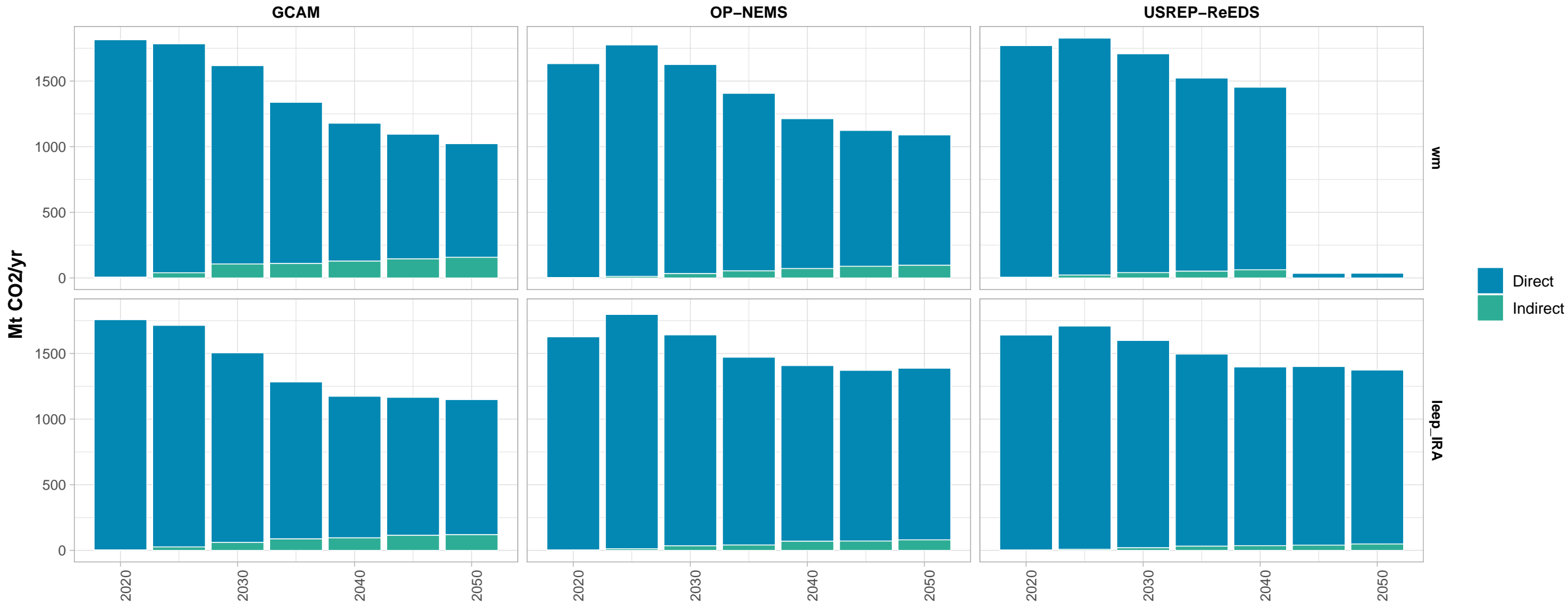
Energy CO2 Emissions Accounting – total supply: United States



# Energy CO2 Emissions Accounting – supply breakout: United States

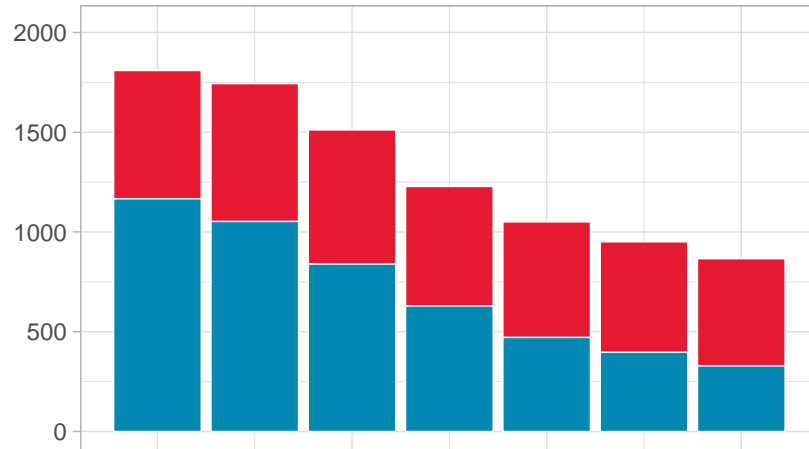


# TRN Direct and Indirect Emissions: United States

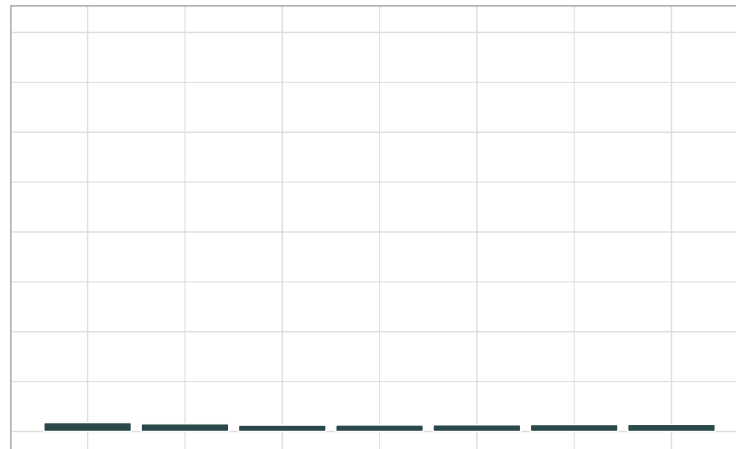


# TRN Mode Emissions: United States

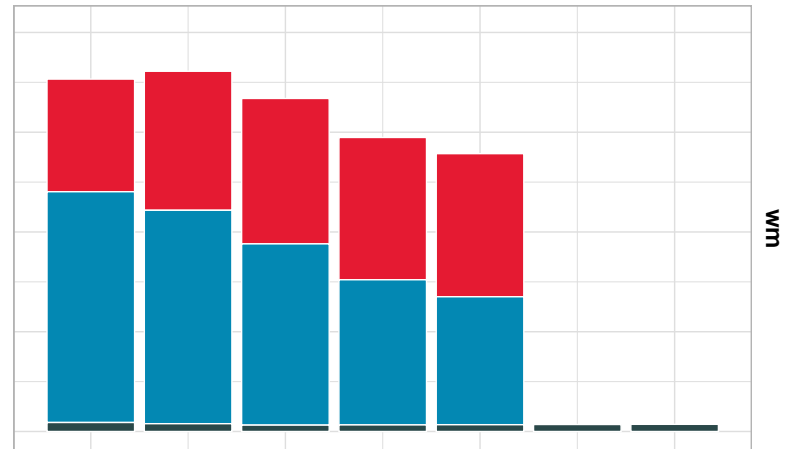
GCAM



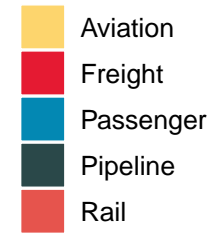
OP-NEMS



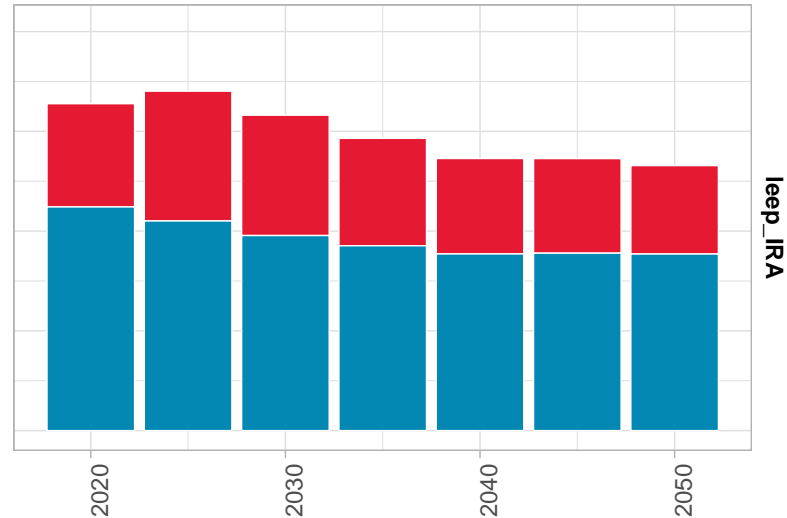
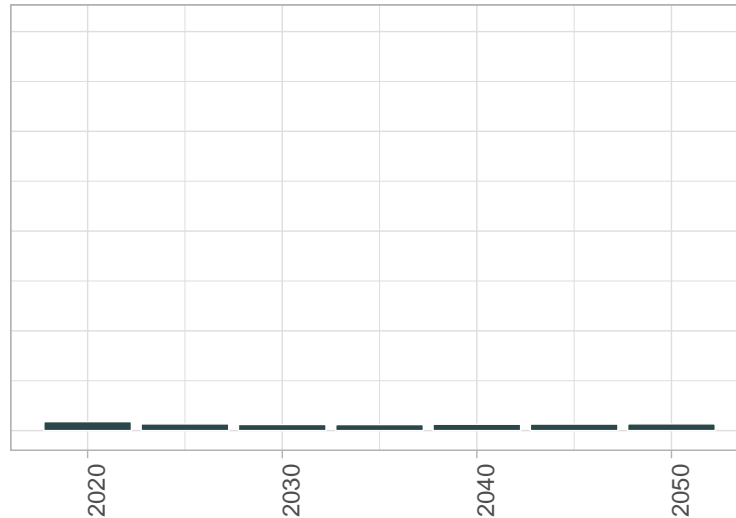
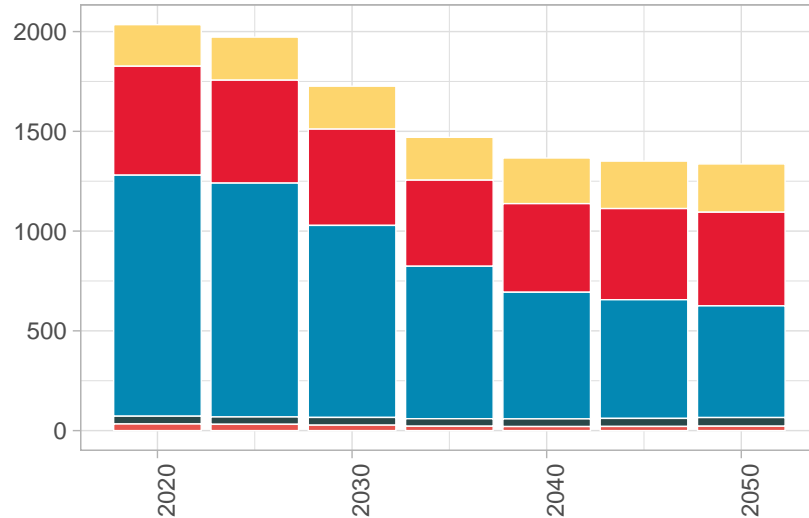
USREP-ReEDS



wm

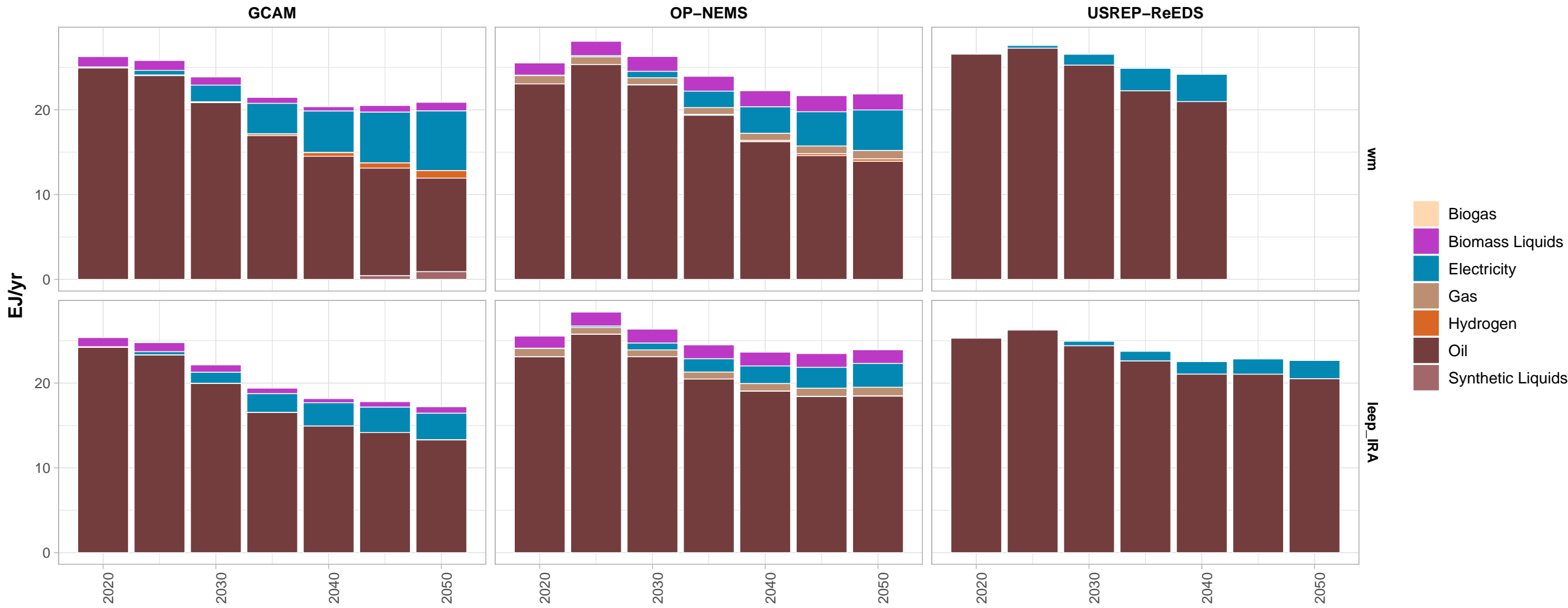


Mt CO2/yr



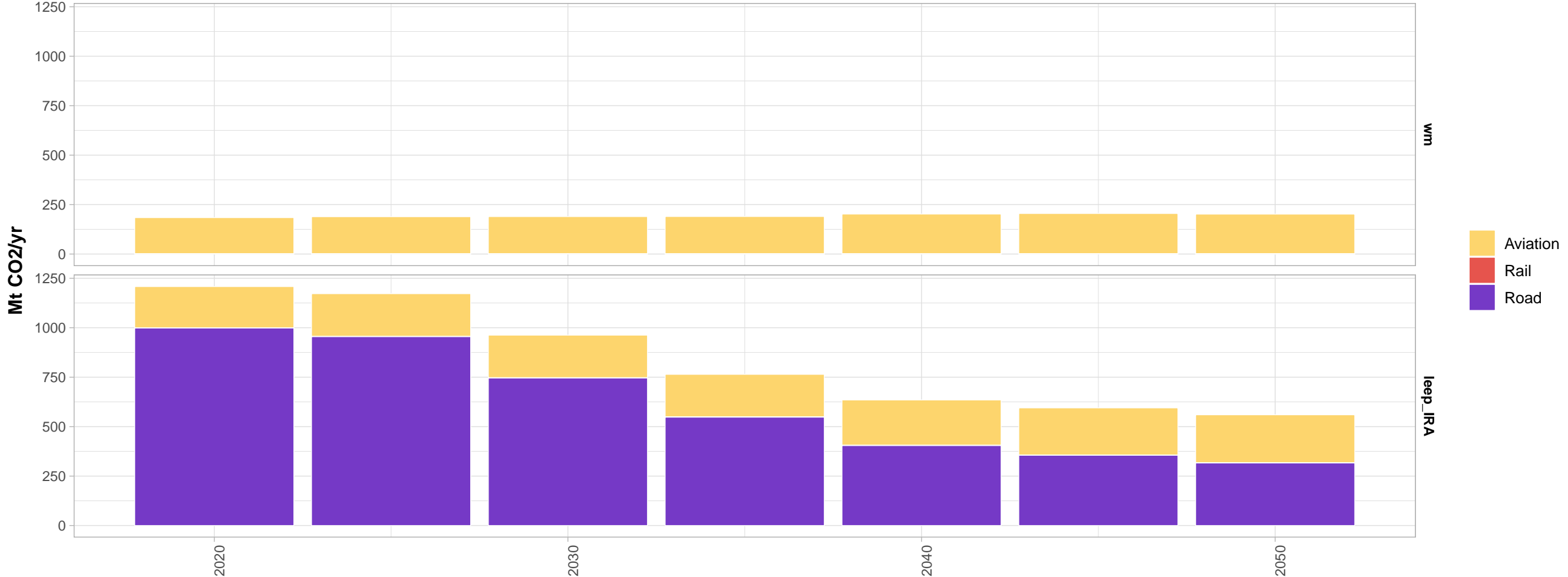
leap\_IRA

TRN Energy by Fuel: United States



TRN Passenger CO2 Emissions: United States

GCAM



# Energy CO2 Emissions by Fuel: United States

GCAM

OP-NEMS

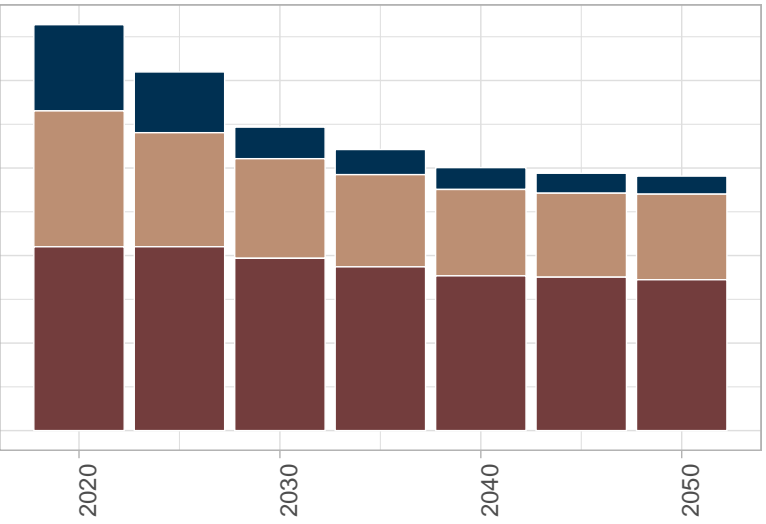
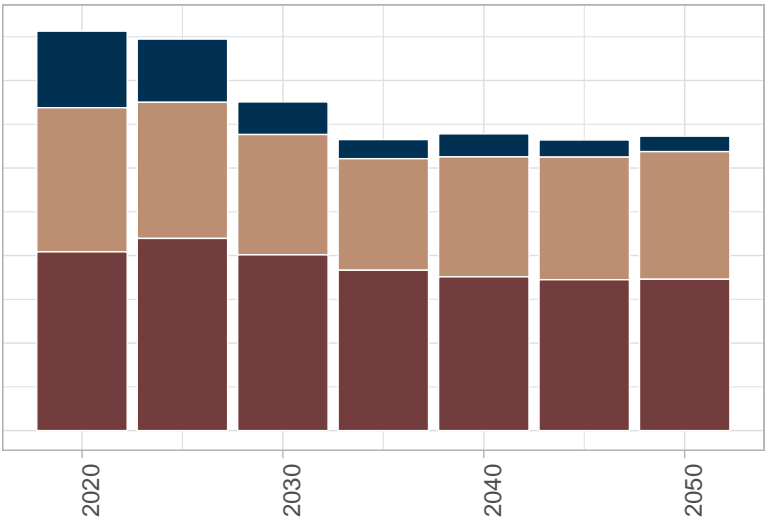
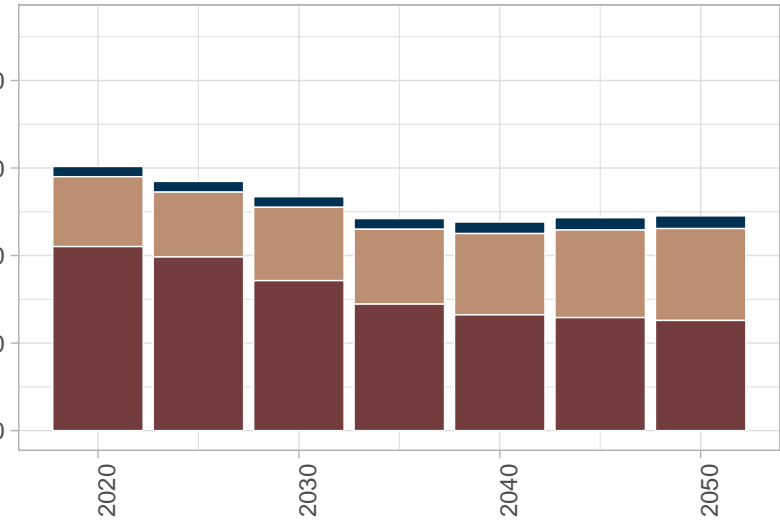
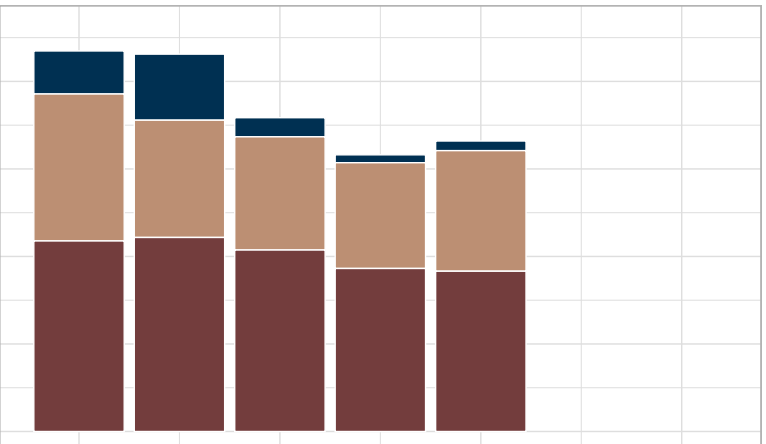
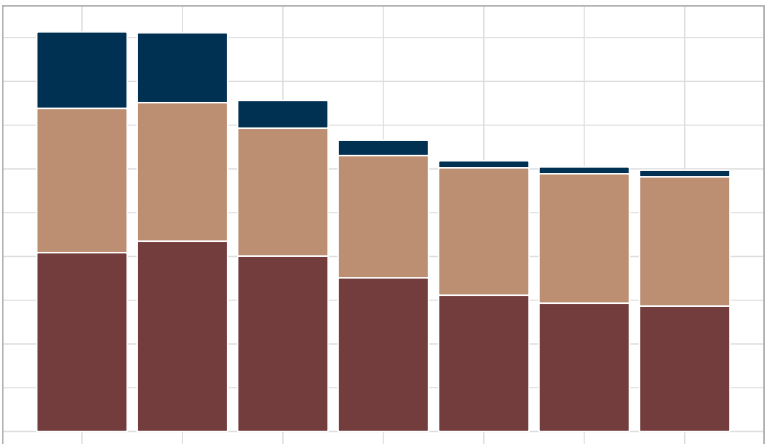
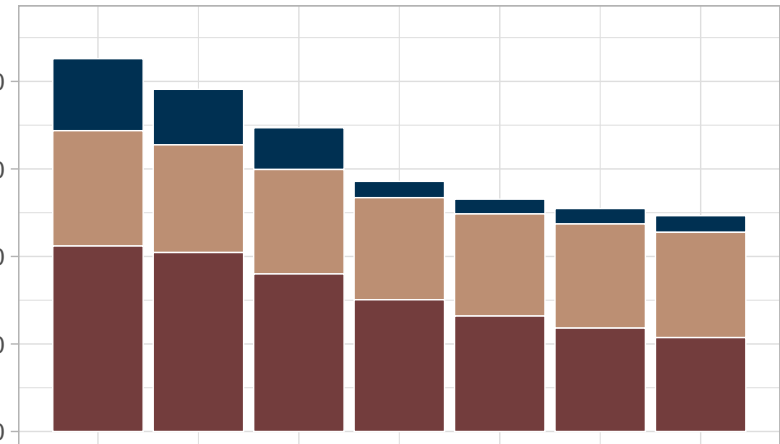
USREP-ReEDS

Mt CO2/yr

wm

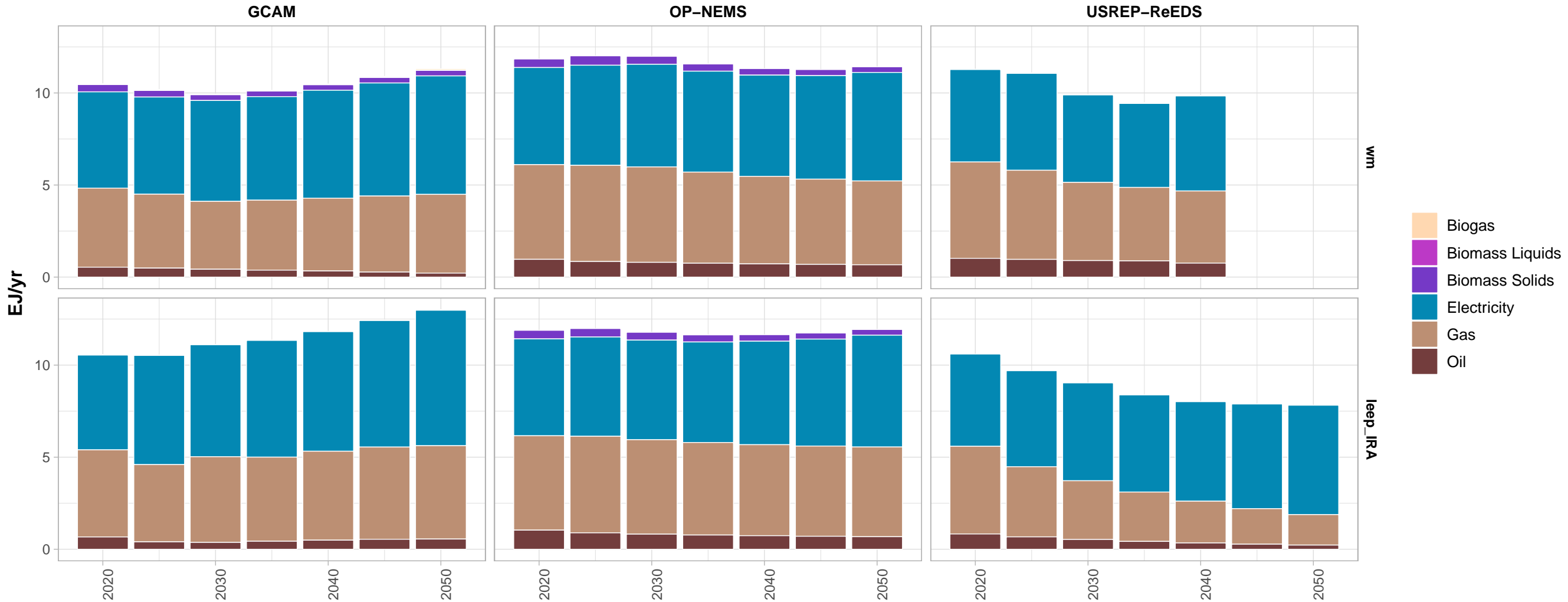
leap\_IRA

- Coal
- Gas
- Oil





# Final Energy – Buildings, Residential: United States



# Final Energy – Buildings, Commercial: United States

