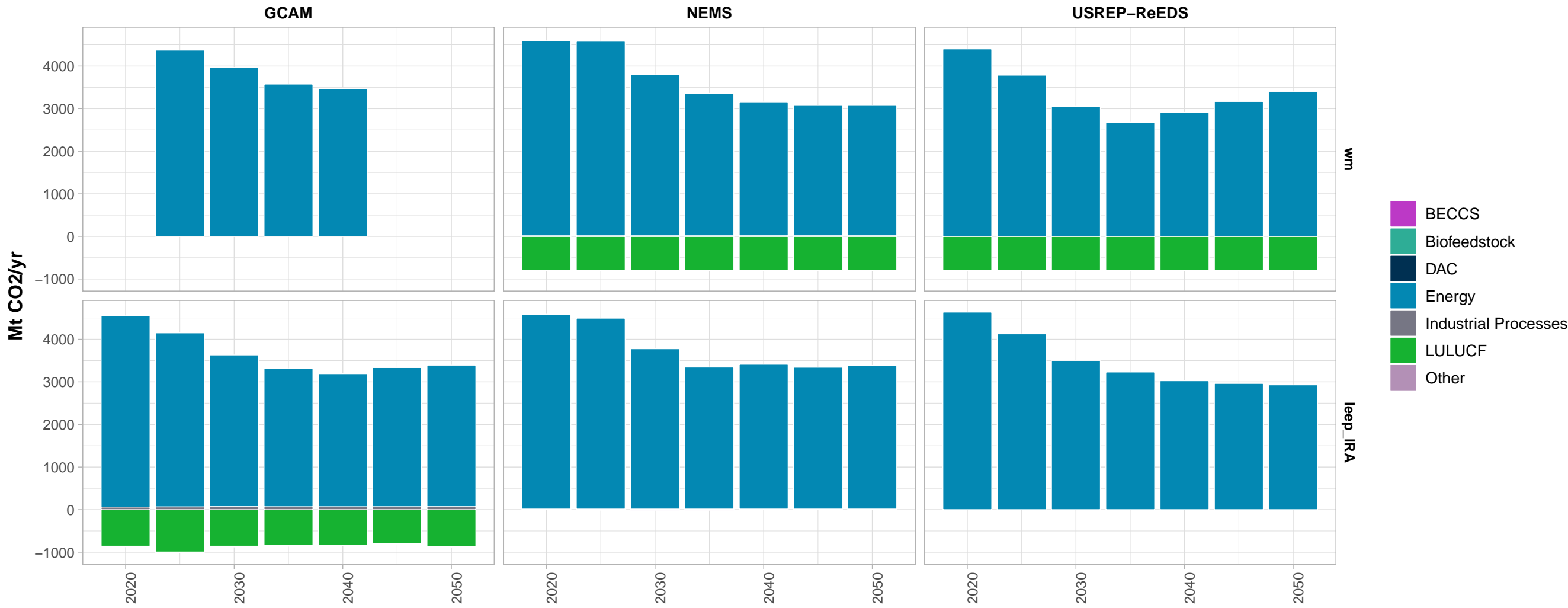


# CO2 Emissions: United States



# Sectoral CO2 Emissions: United States

GCAM

NEMS

USREP-ReEDS

Mt CO2/yr

wm

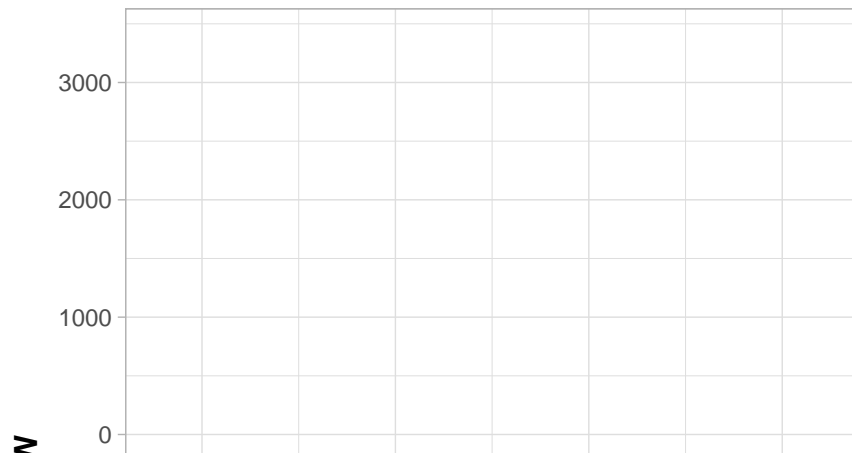
leap\_IRA

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

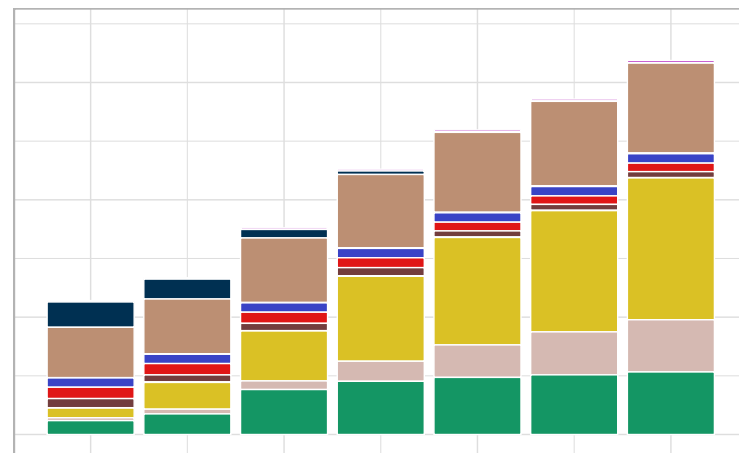


# Electricity Capacity: United States

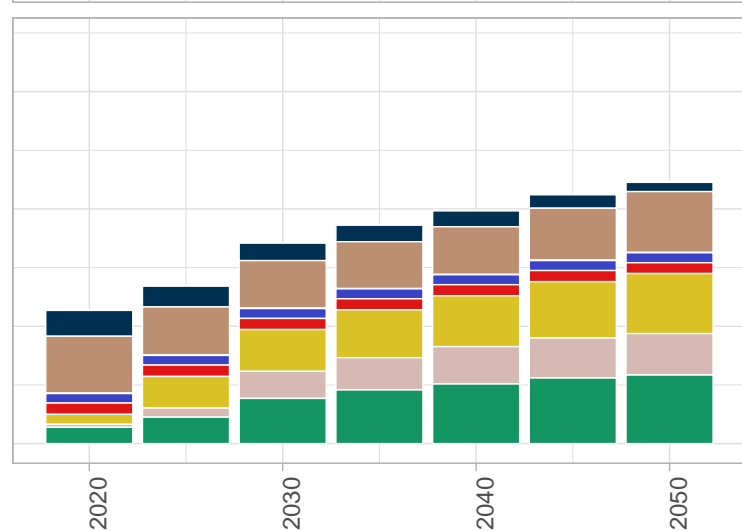
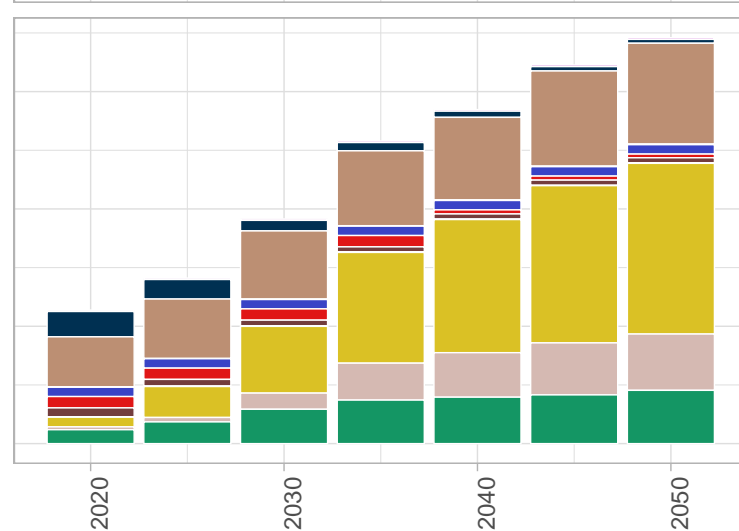
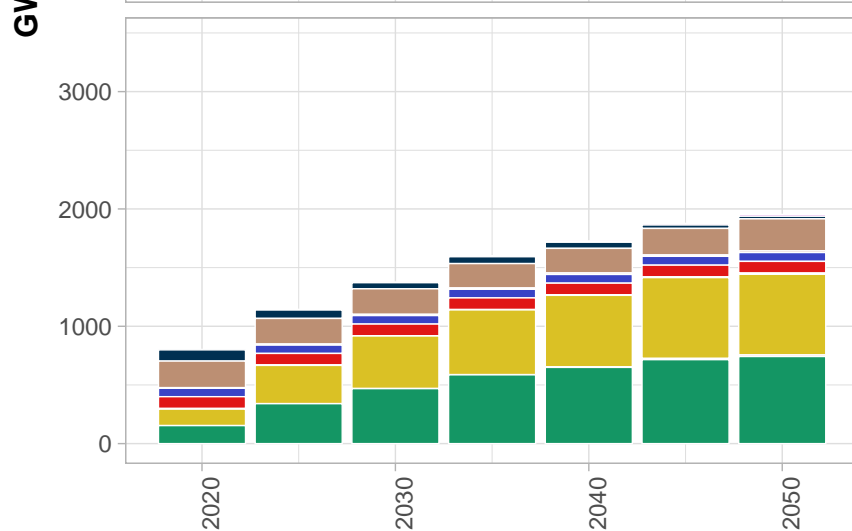
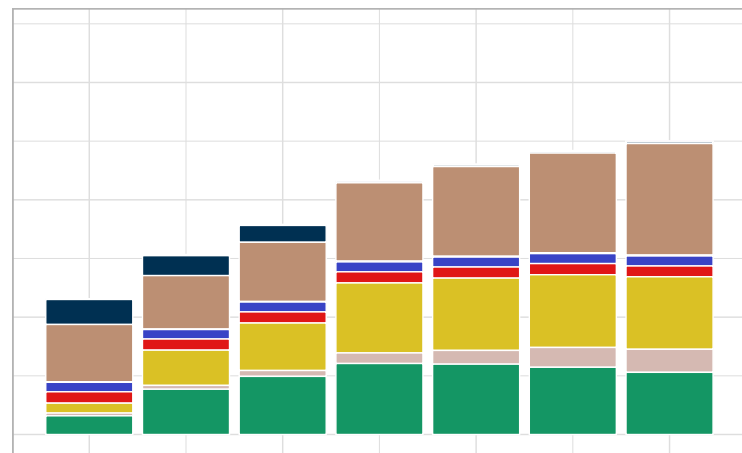
## GCAM



## NEMS



## USREP-ReEDS

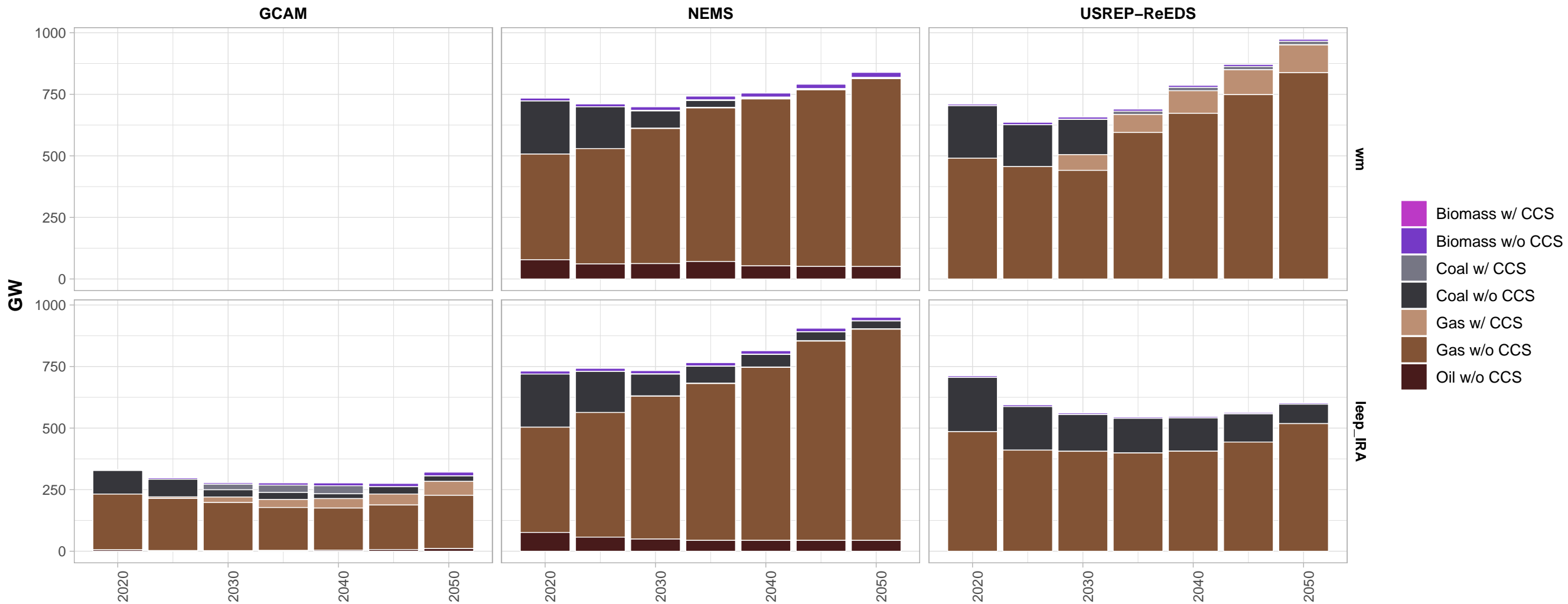


wm

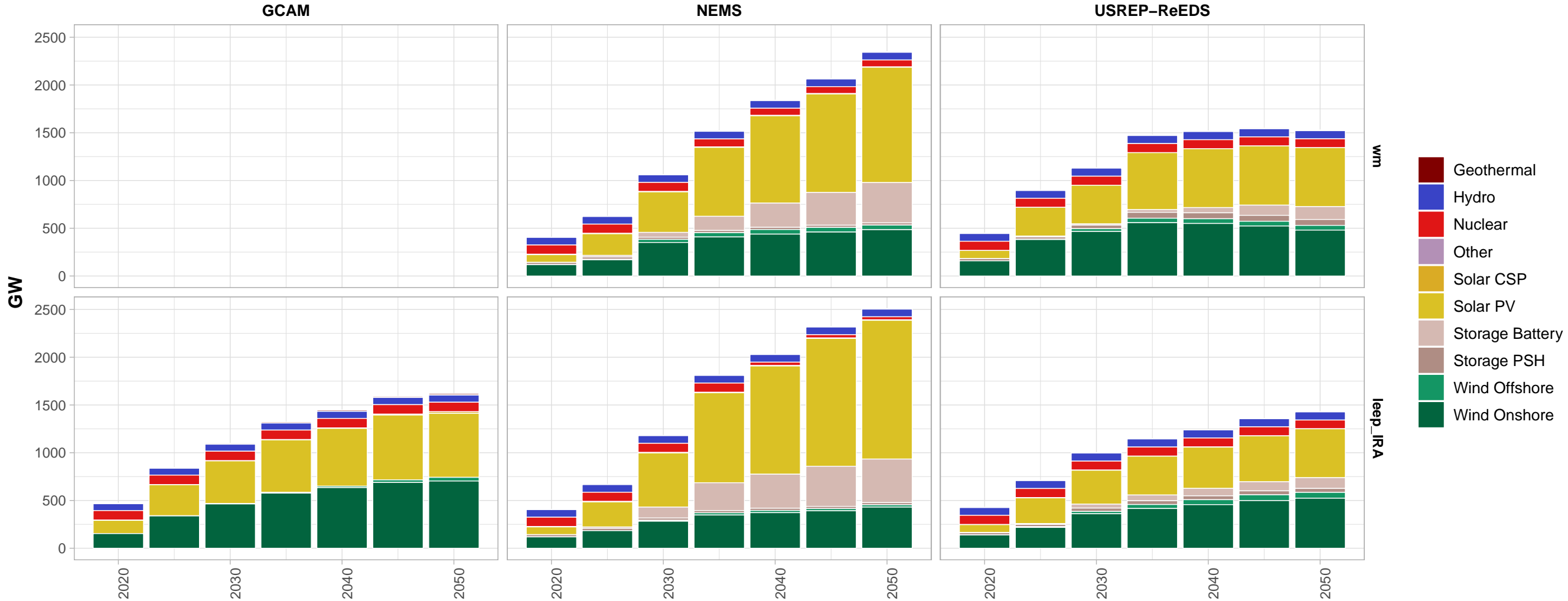
leap\_IRA

- Biomass
- Coal
- Gas
- Geothermal
- Hydro
- Nuclear
- Oil
- Other
- Solar
- Storage
- Wind

## Electricity Capacity – Combustion: United States

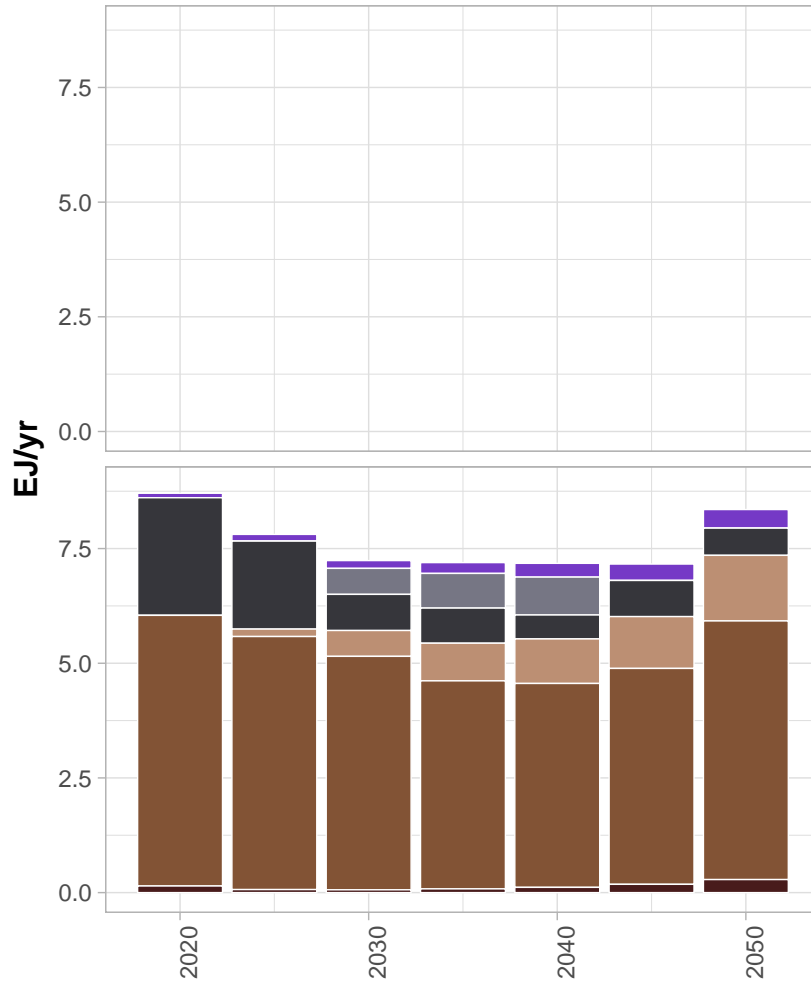


# Electricity Capacity – Non-Combustion: United States

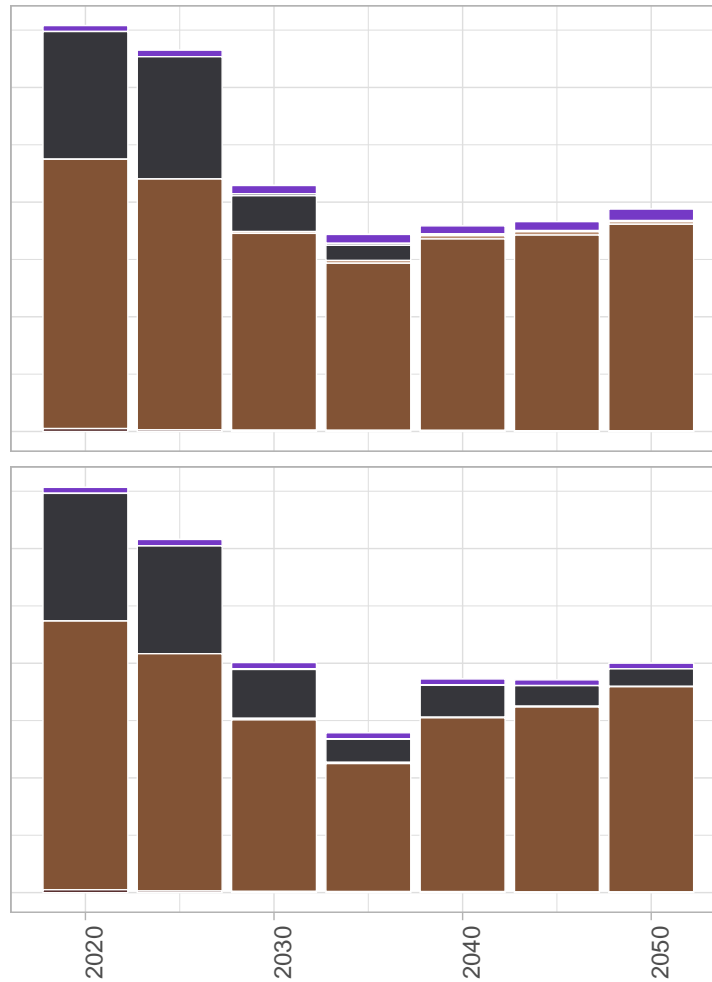


# Electricity Generation – Combustion: United States

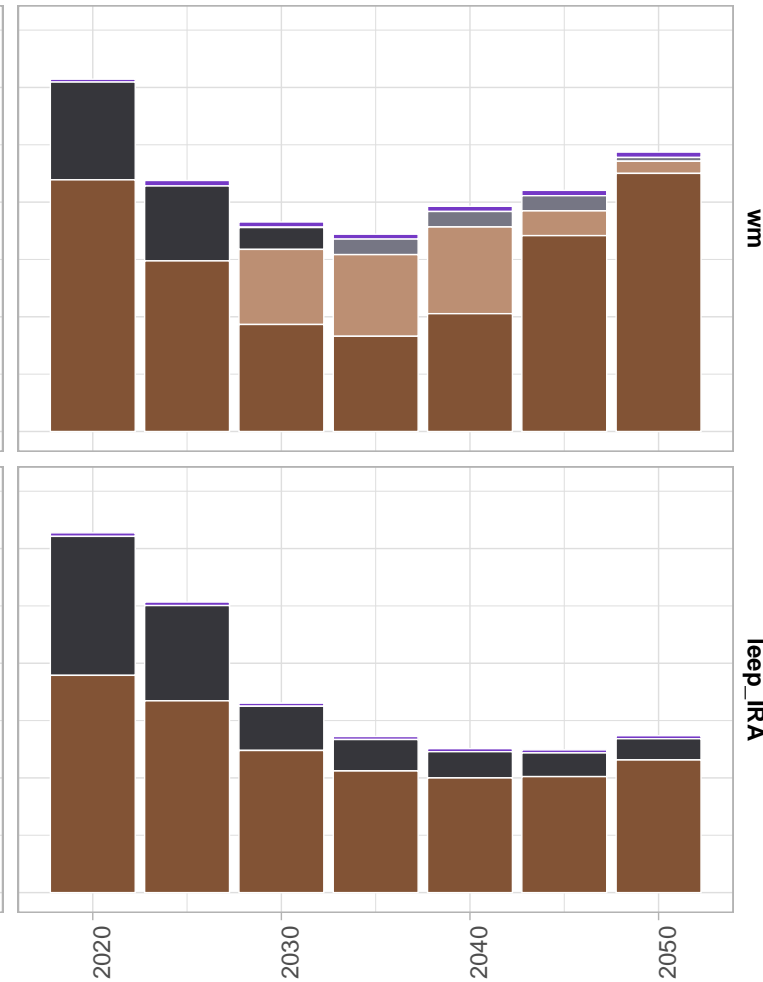
## GCAM



## NEMS



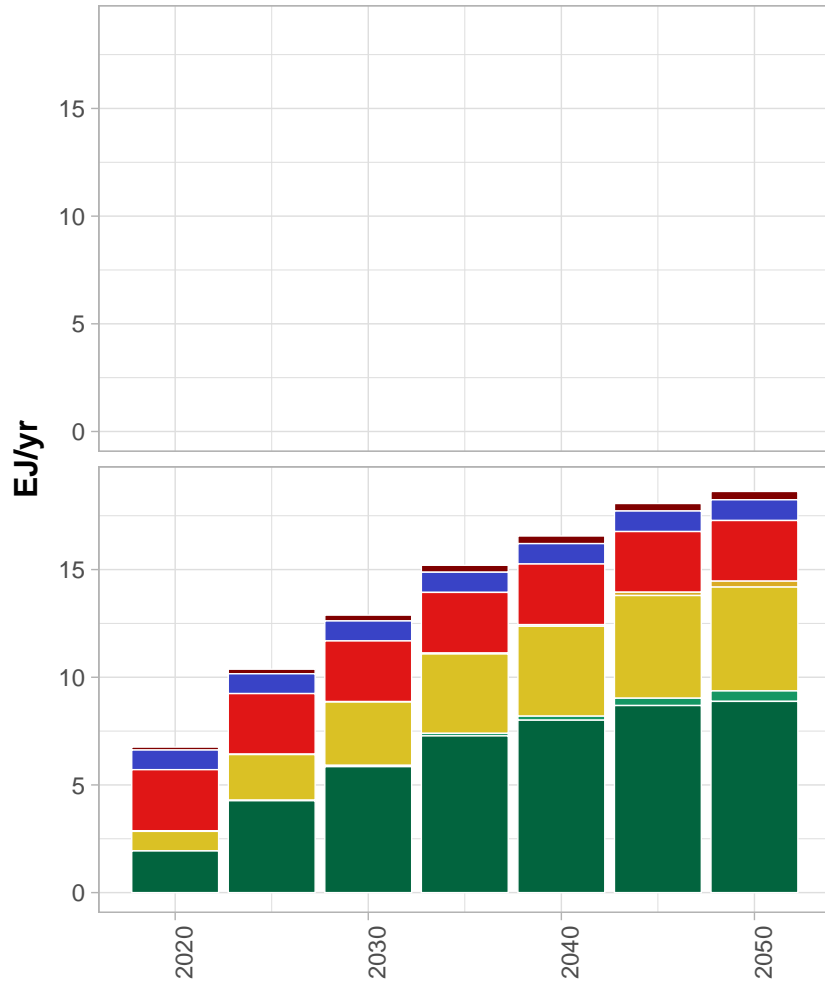
## USREP-ReEDS



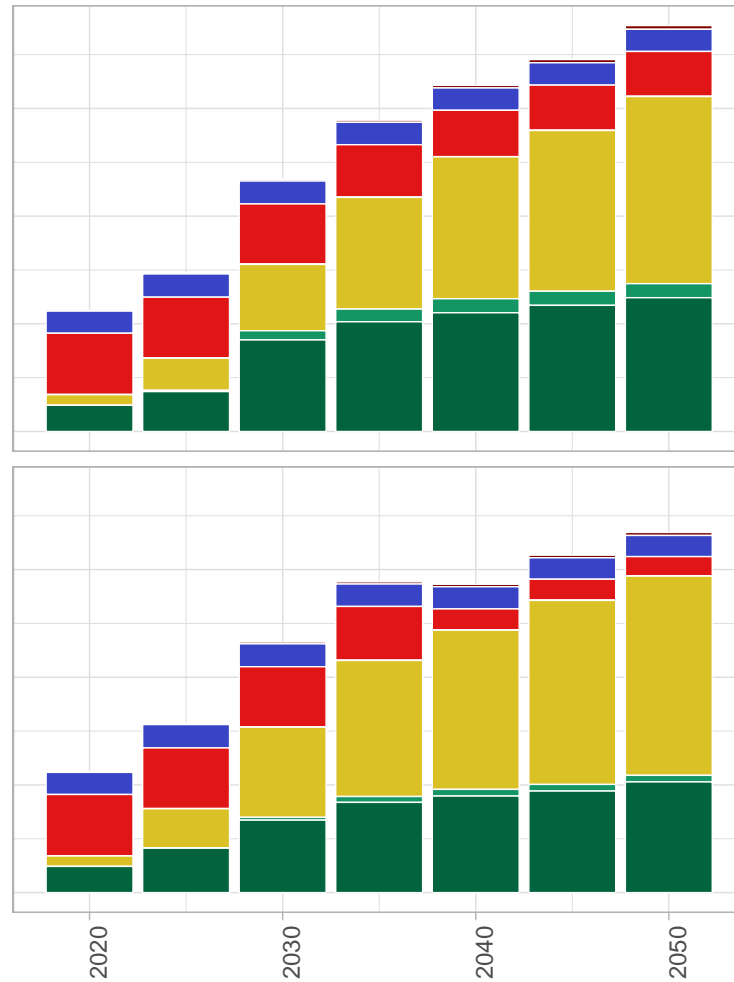
- Biomass w/ CCS
- Biomass w/o CCS
- Coal w/ CCS
- Coal w/o CCS
- Gas w/ CCS
- Gas w/o CCS
- Hydrogen
- Oil w/o CCS

# Electricity Generation – Non-Combustion: United States

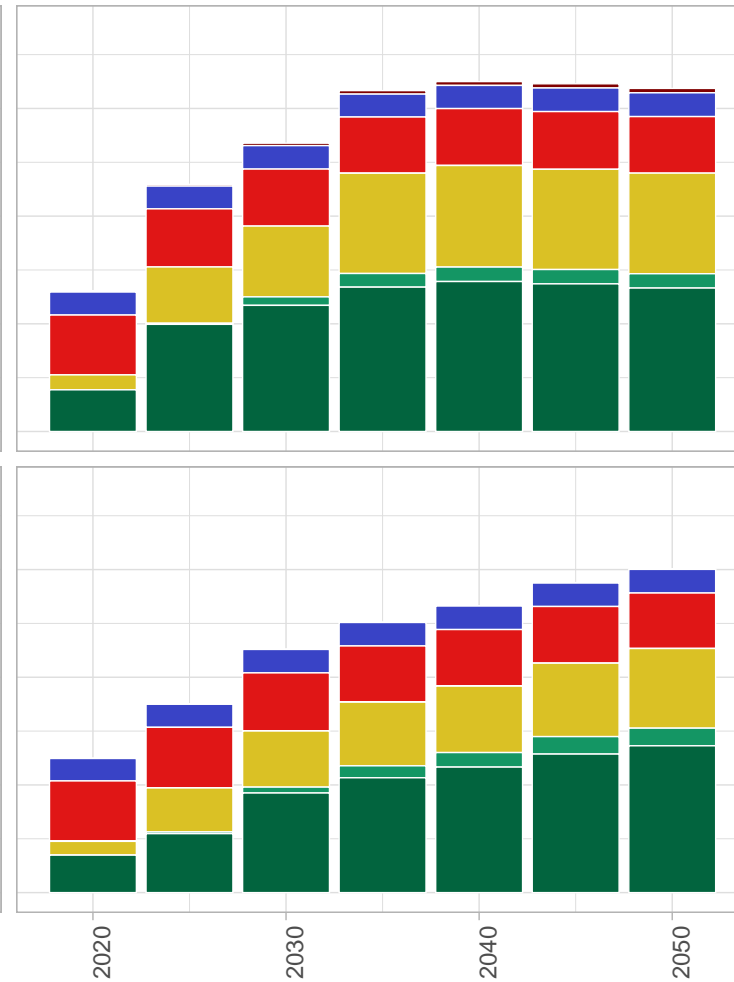
GCAM



NEMS



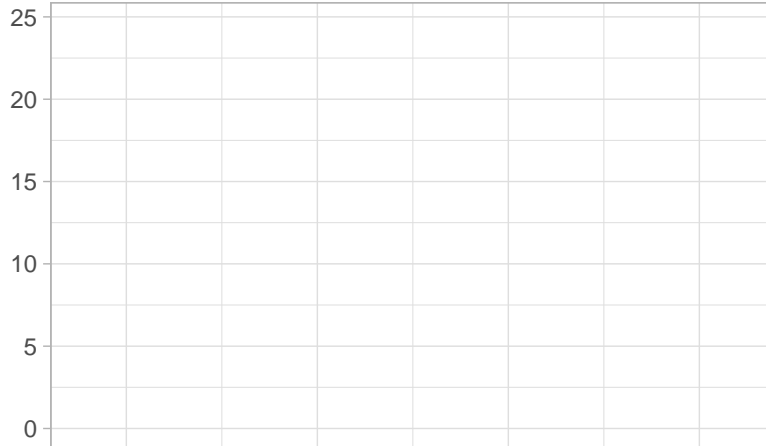
USREP-ReEDS



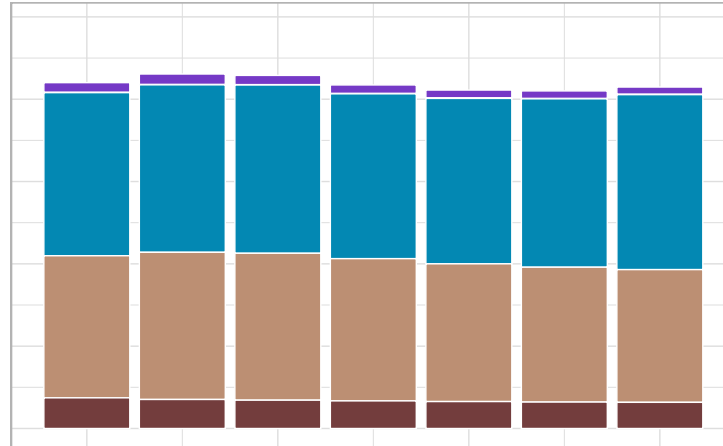
- Geothermal
- Hydro
- Nuclear
- Solar CSP
- Solar PV
- Wind Offshore
- Wind Onshore

# Final Energy – Buildings: United States

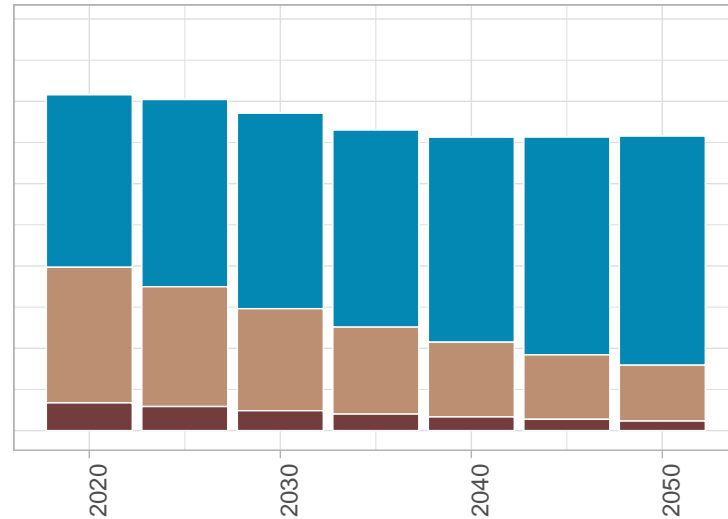
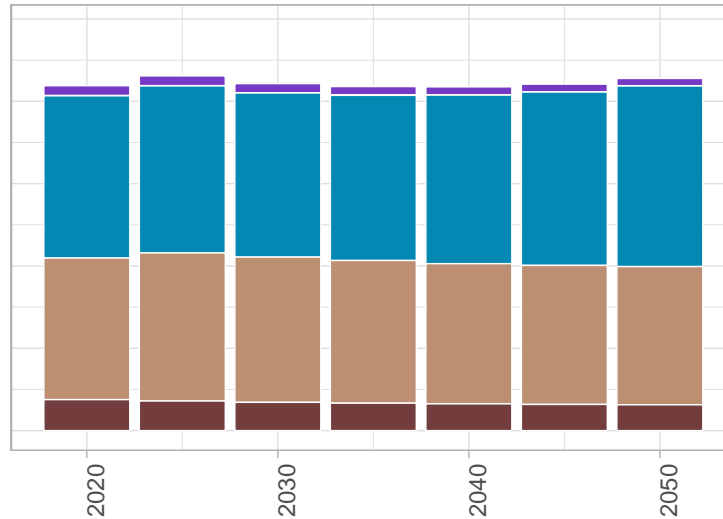
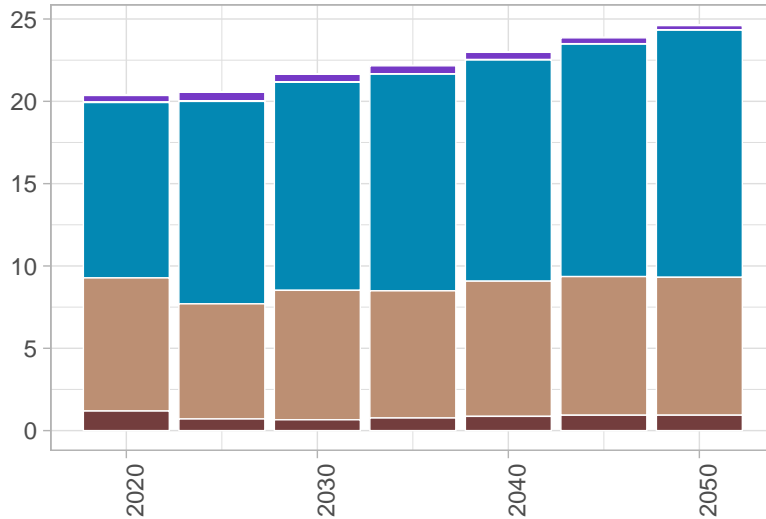
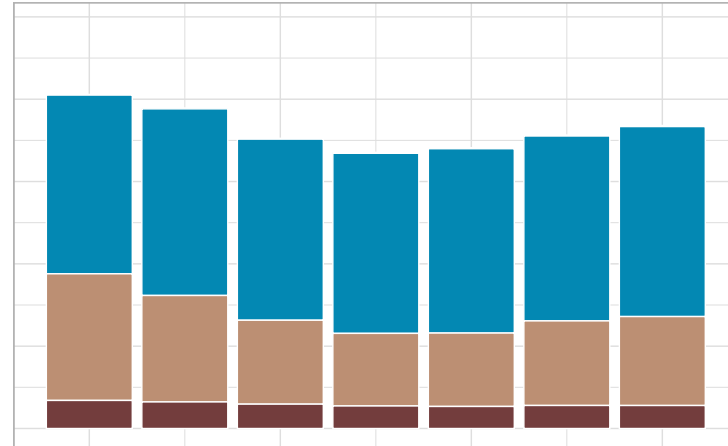
GCAM



NEMS



USREP-ReEDS



wm

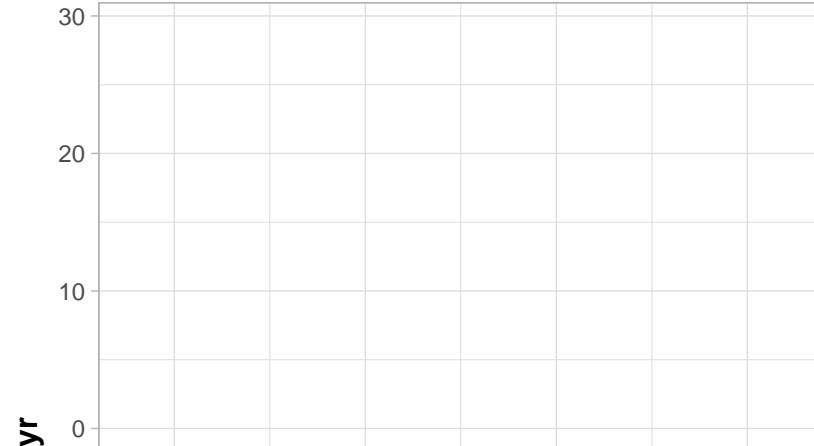
leap\_IRA

- Biomass Liquids
- Biomass Solids
- Coal
- Electricity
- Gas
- Oil

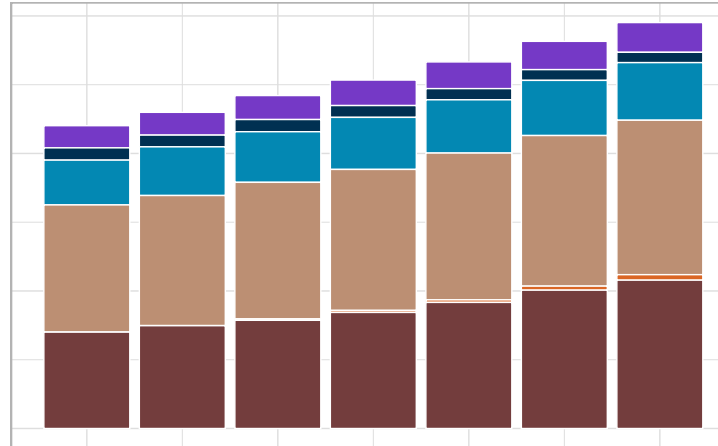


# Final Energy – Industry: United States

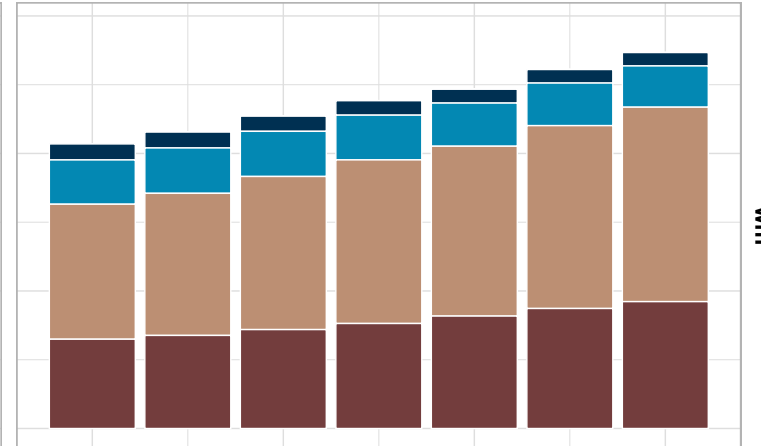
## GCAM



## NEMS



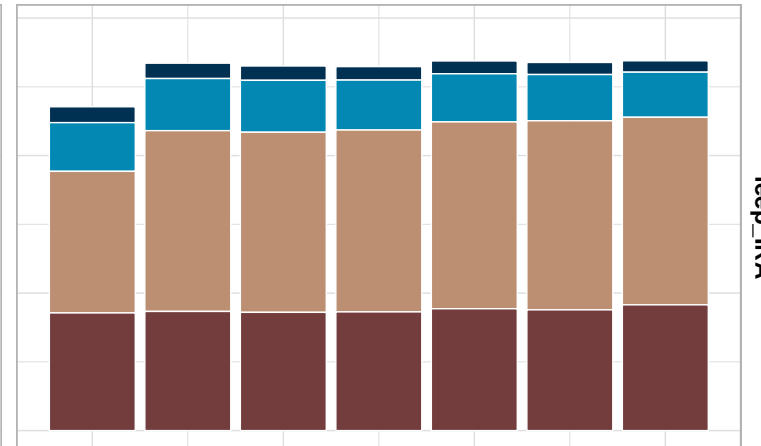
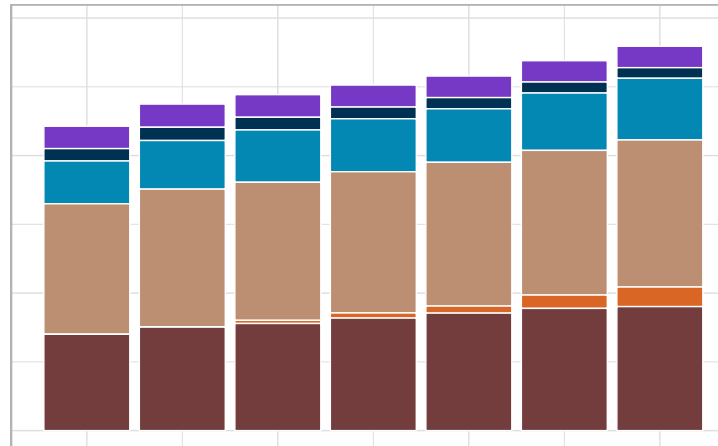
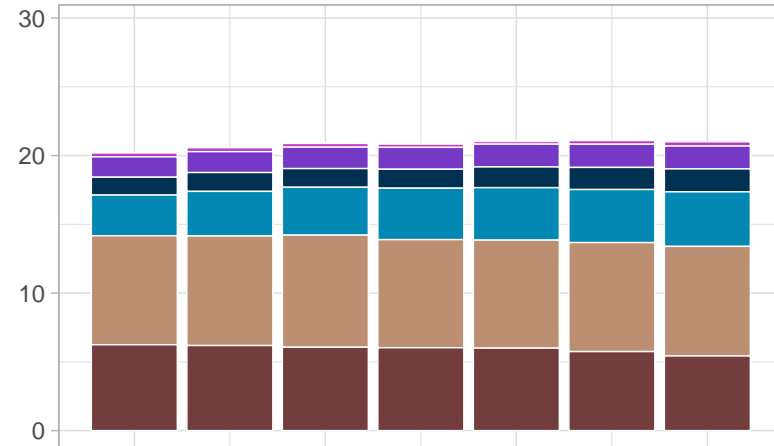
## USREP-ReEDS



EJ/yr

wm

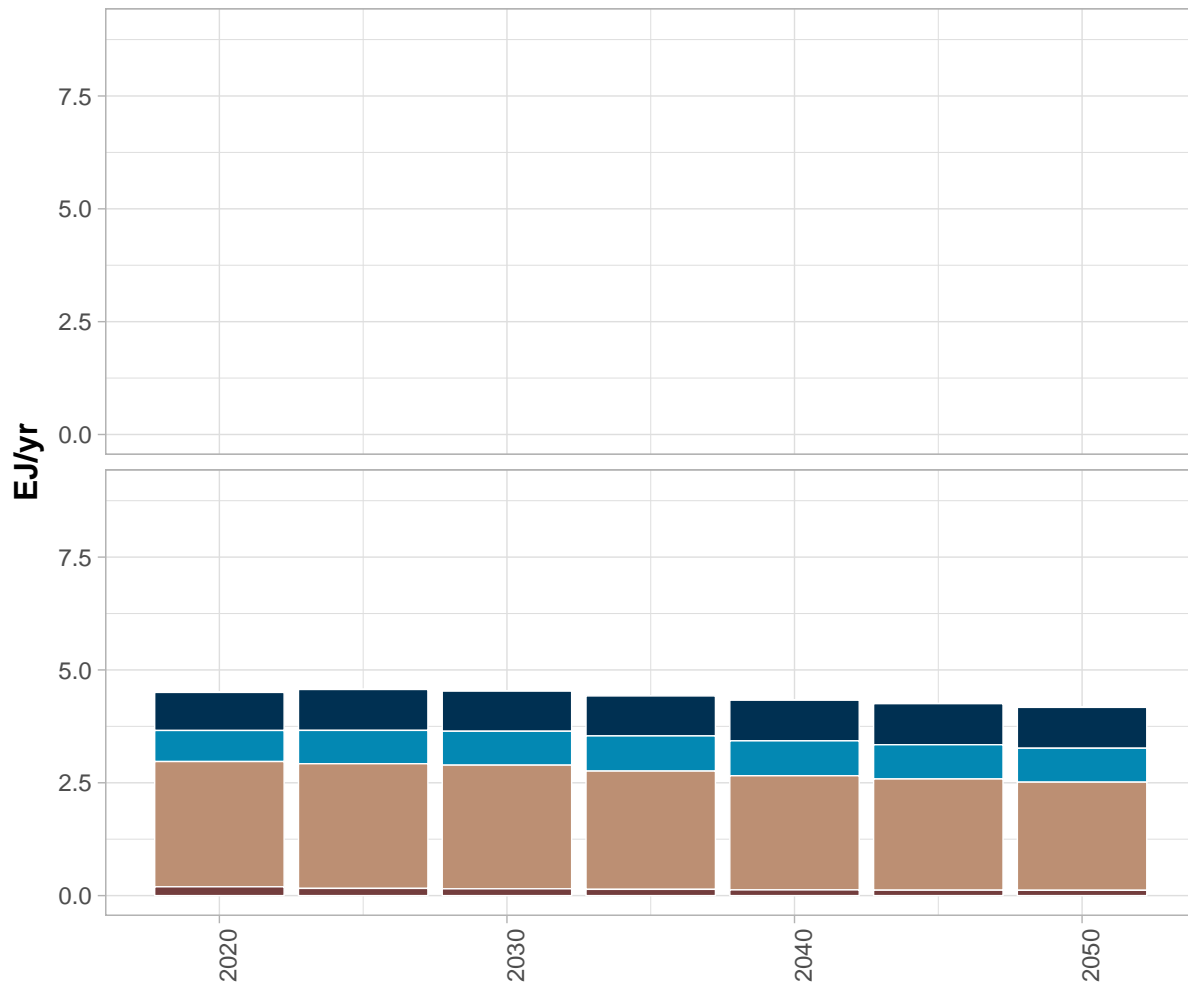
- Biomass Liquids
- Biomass Solids
- Coal
- Electricity
- Gas
- Hydrogen
- Oil



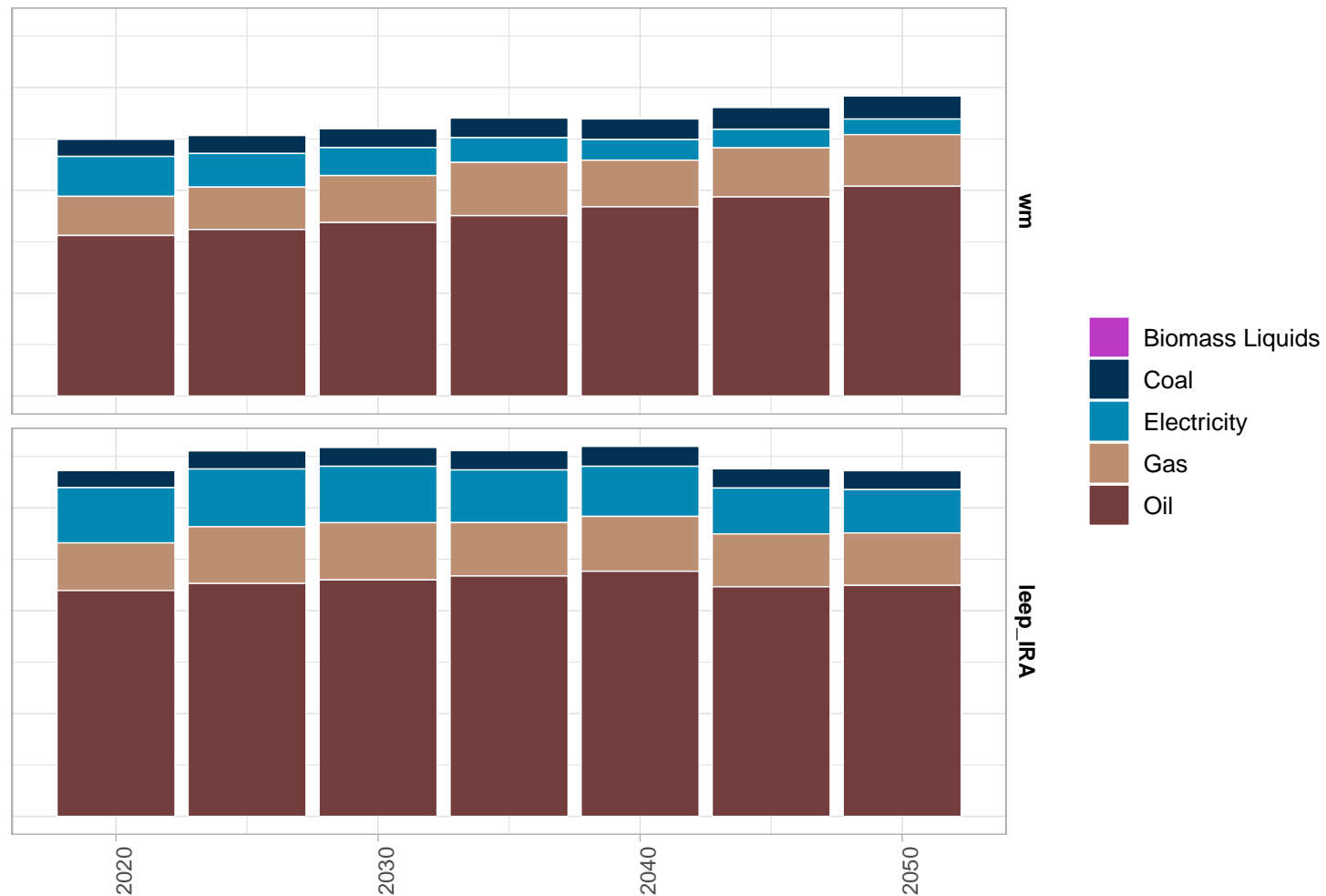
leap\_IRA

# Final Energy – Industry – Elnt Mfg: United States

GCAM

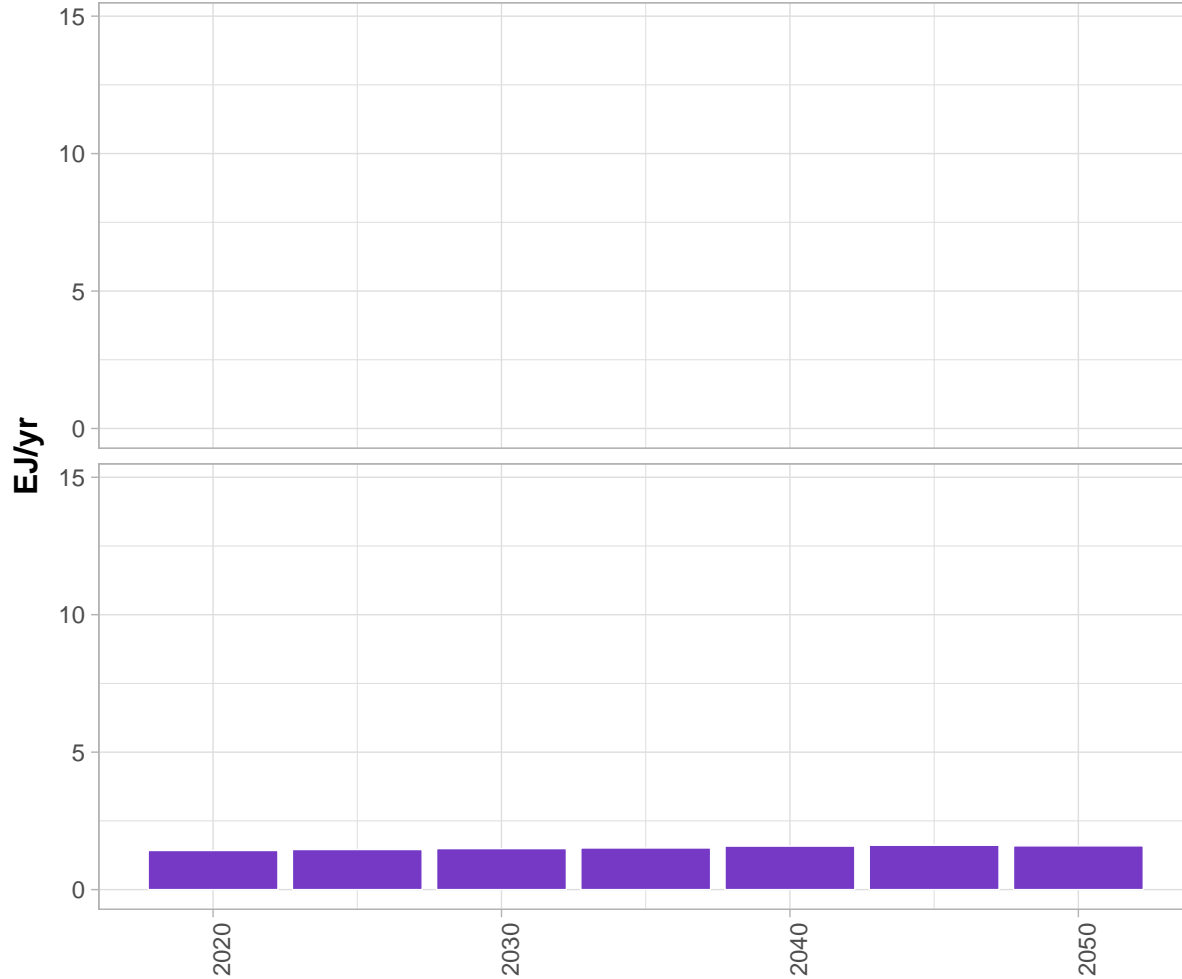


USREP-ReEDS

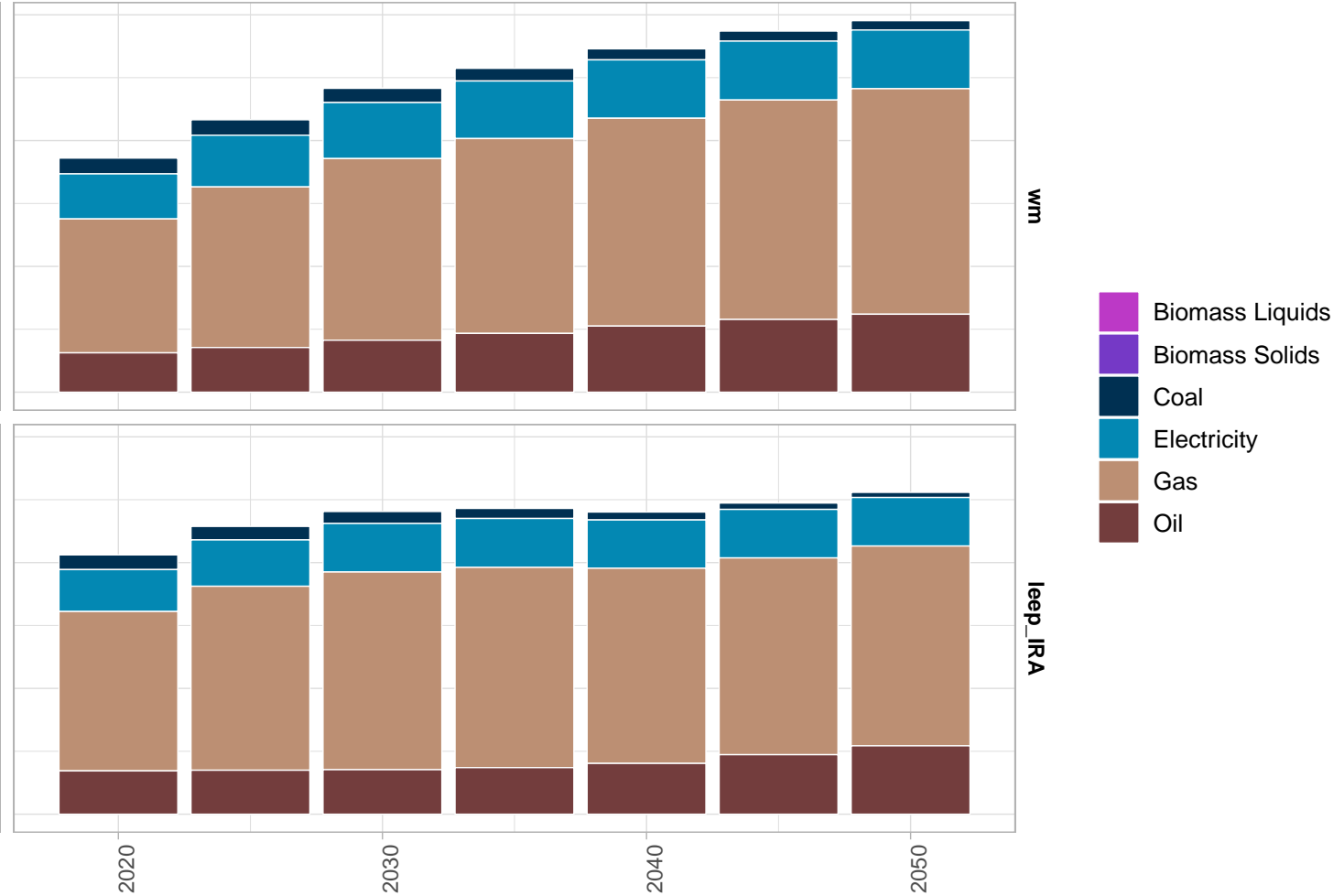


# Final Energy – Industry – Non-Elnt Mfg: United States

GCAM

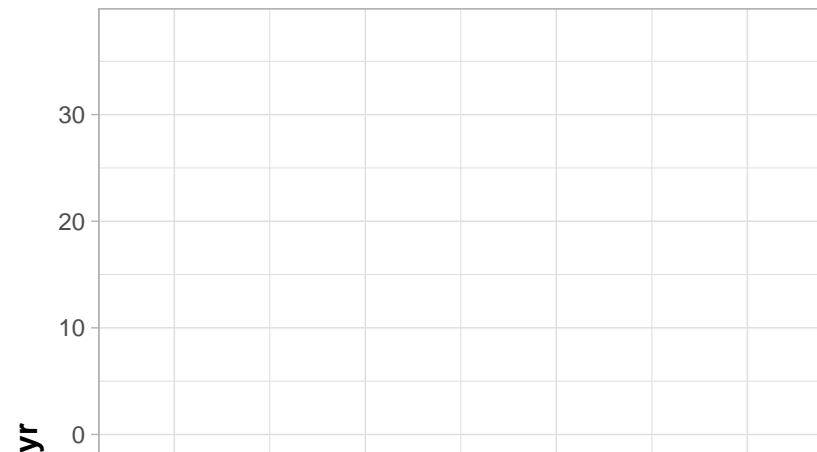


USREP-ReEDS

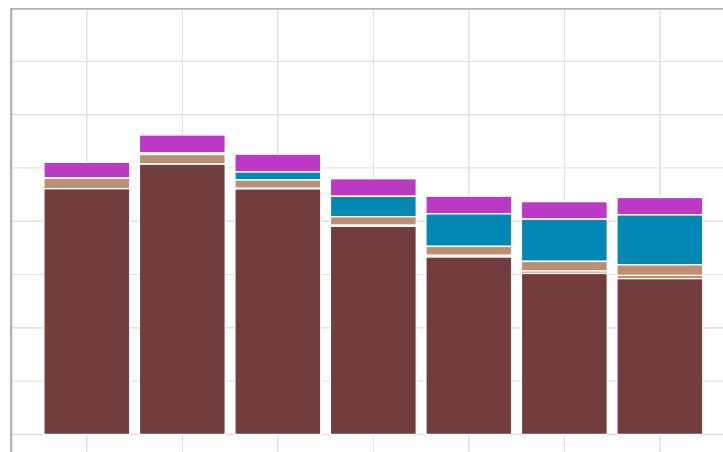


# Final Energy – Transportation: United States

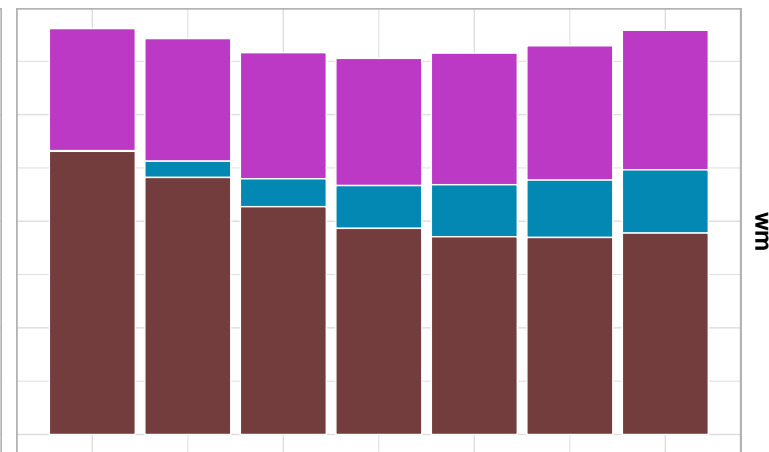
GCAM



NEMS



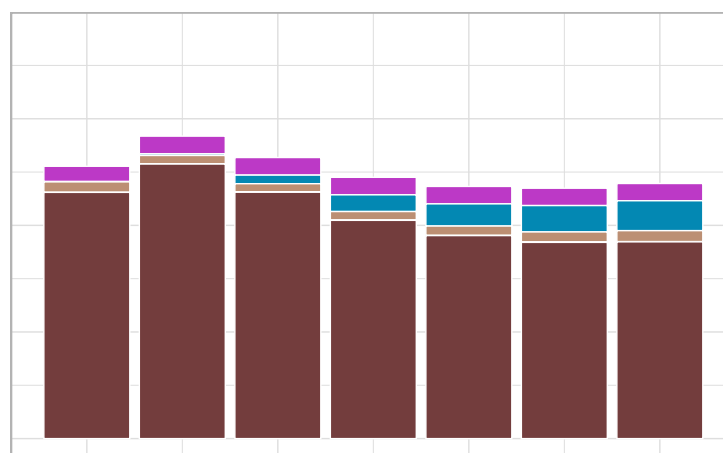
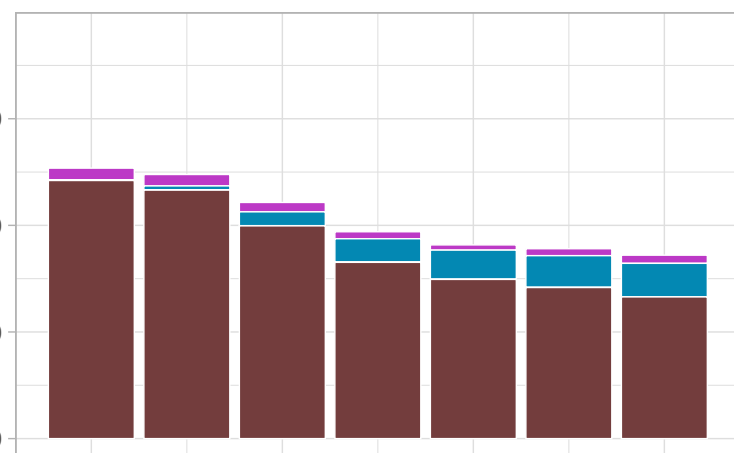
USREP-ReEDS



EJ/yr

wm

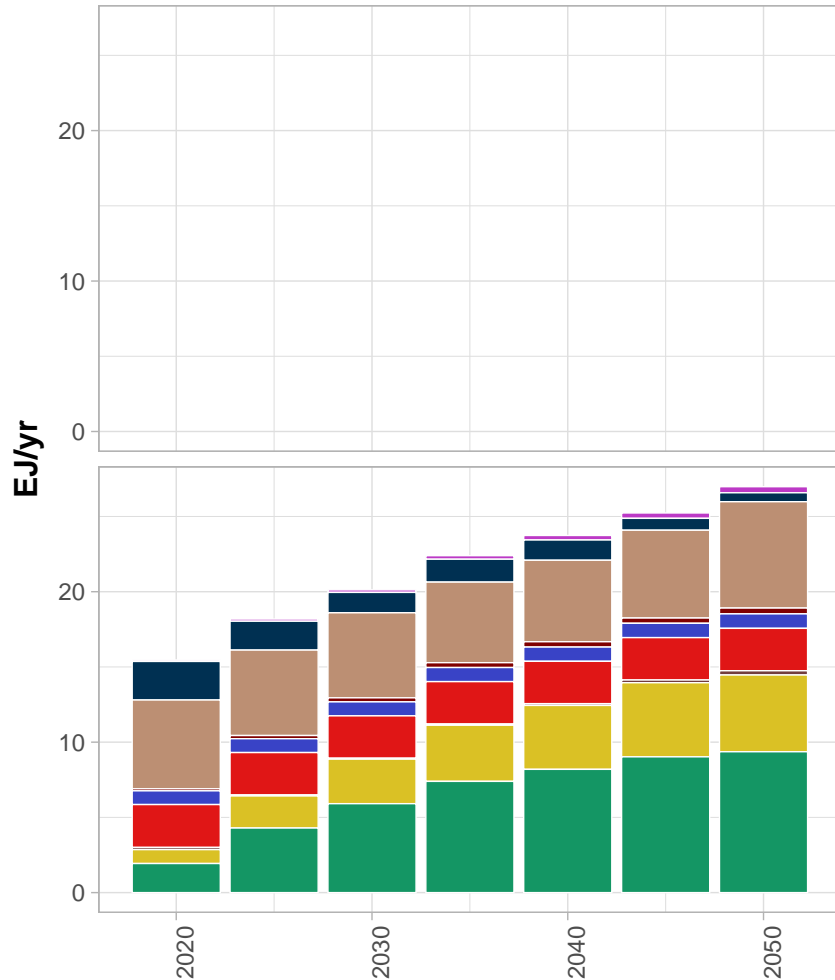
- Biomass Liquids
- Electricity
- Gas
- Hydrogen
- Oil



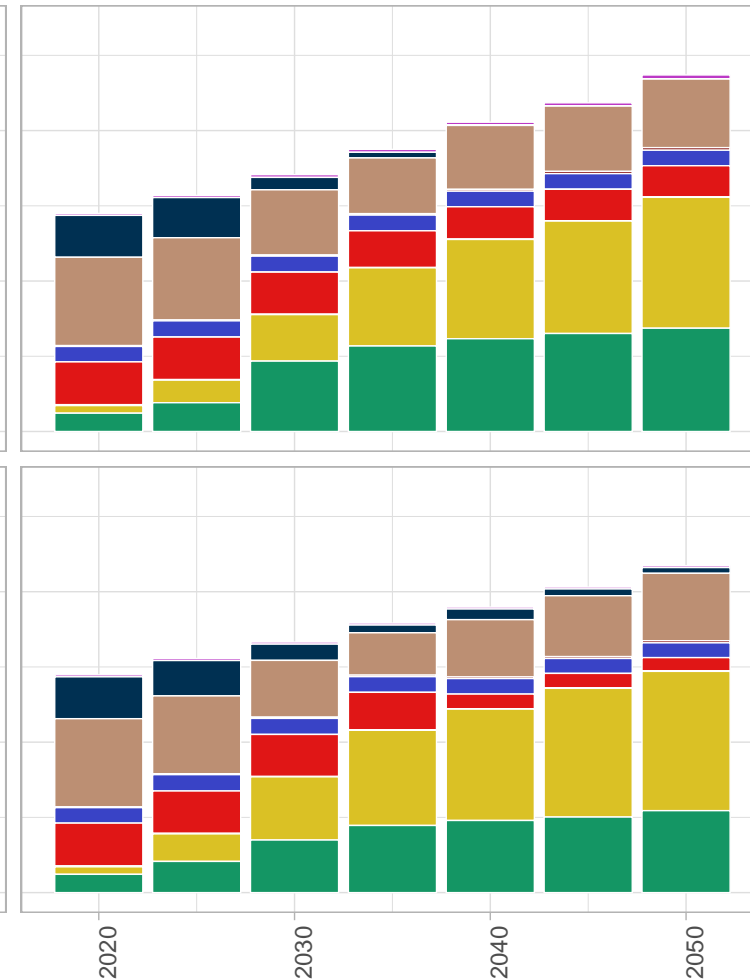
leap\_IRA

# Electricity Generation: United States

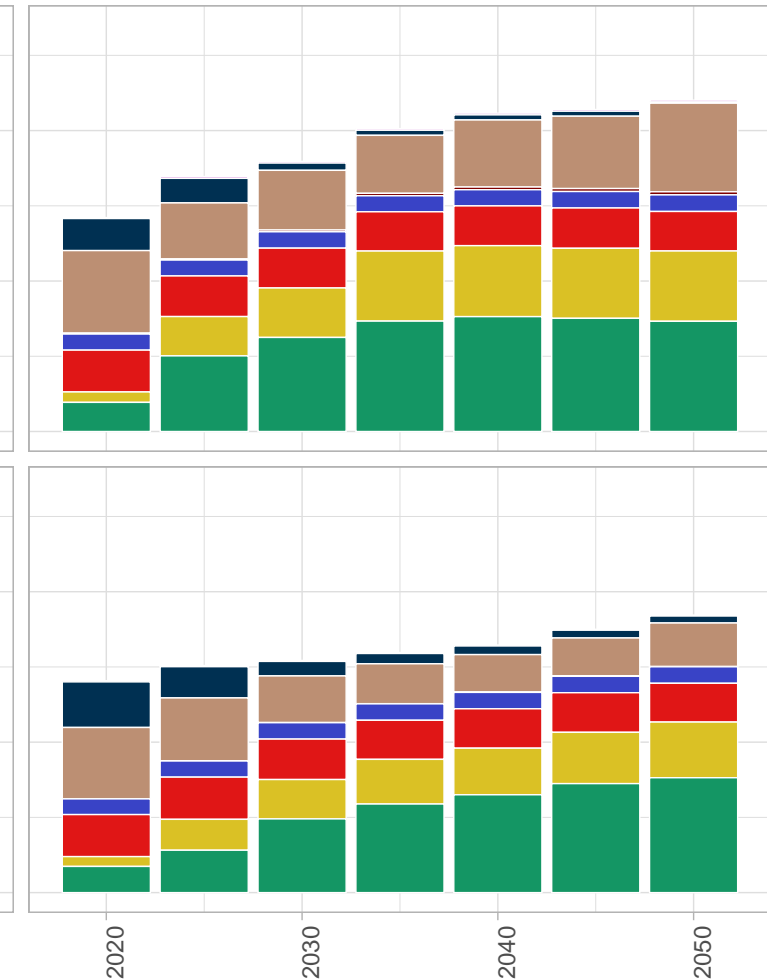
GCAM



NEMS



USREP-ReEDS



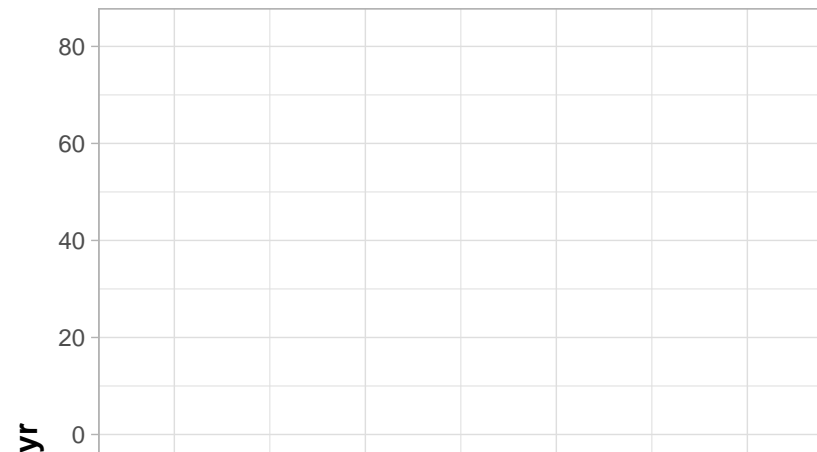
wm

leap\_IRA

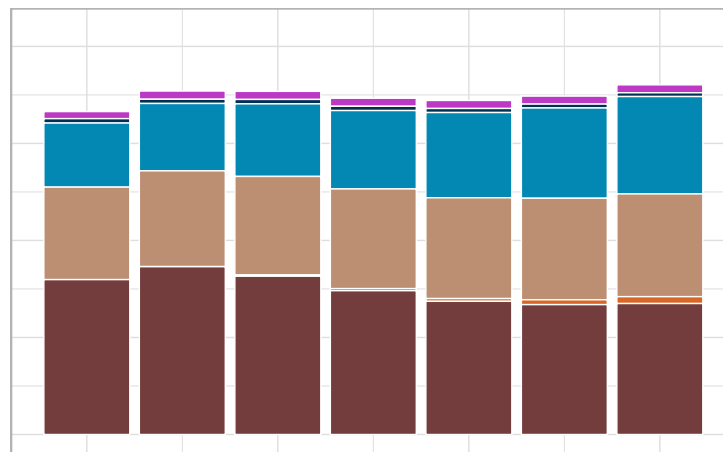
- Biomass
- Coal
- Gas
- Geothermal
- Hydro
- Hydrogen
- Nuclear
- Oil
- Solar
- Wind

# Final Energy – Fuel: United States

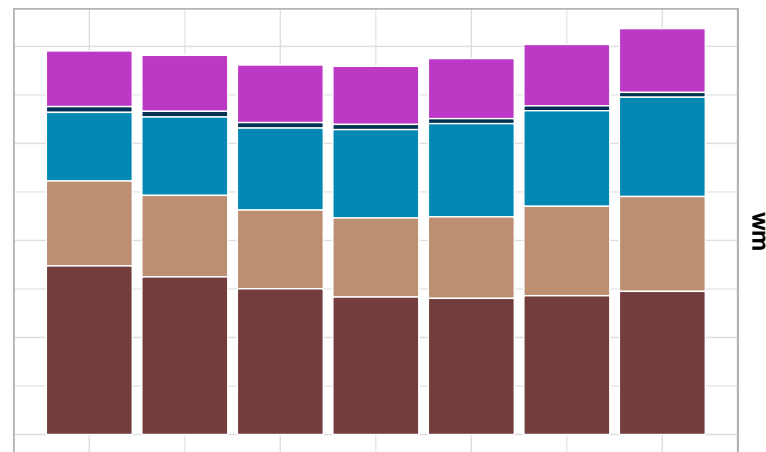
GCAM



NEMS



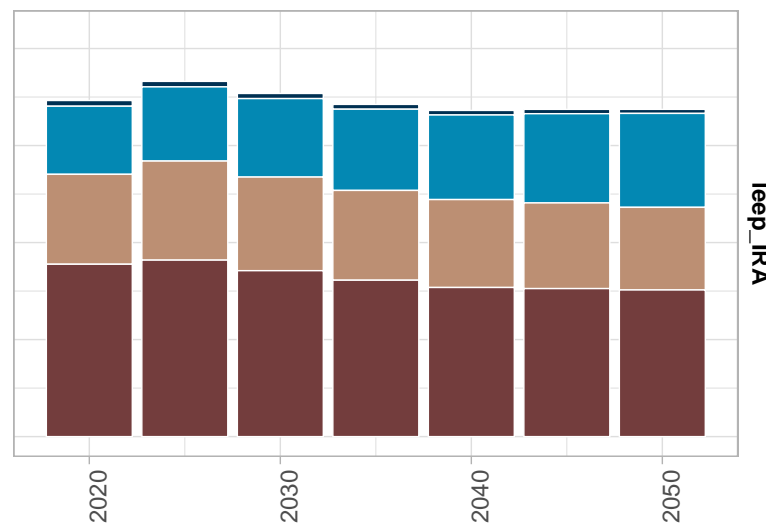
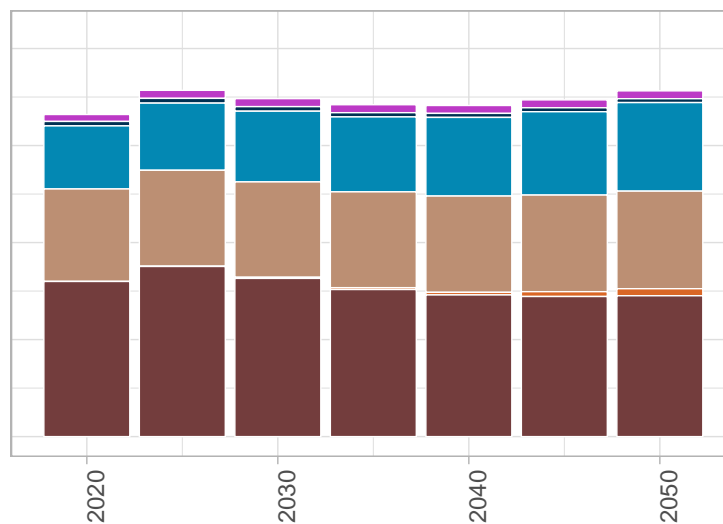
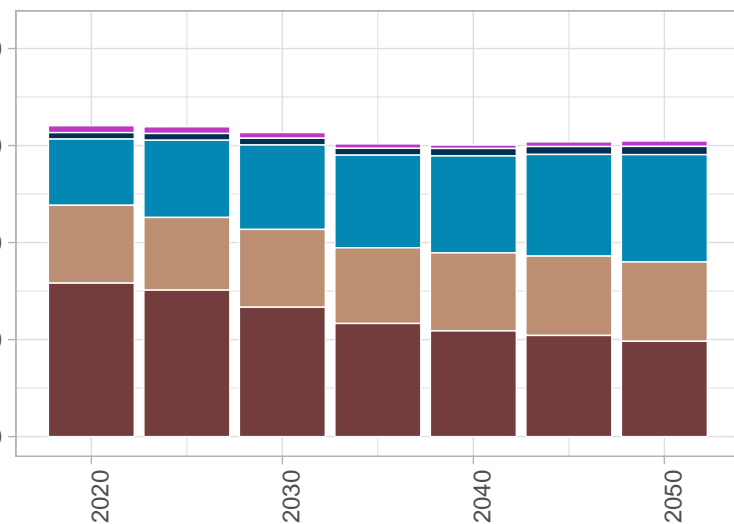
USREP-ReEDS



EJ/yr

wm

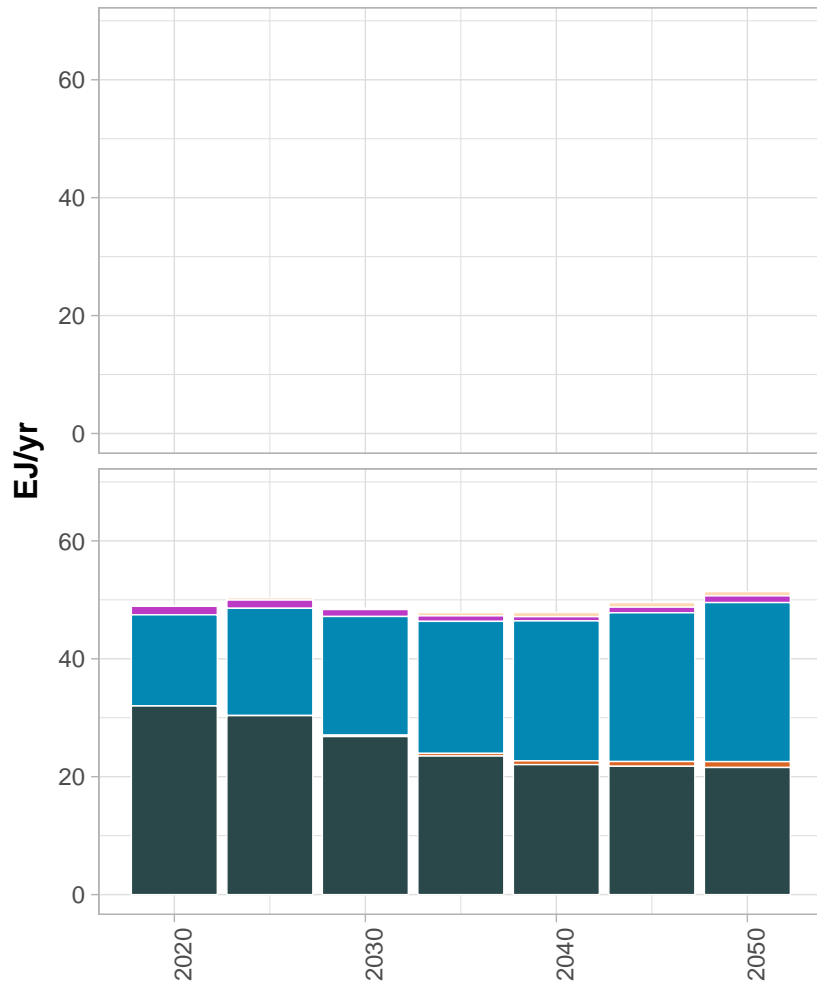
- Biomass Liquids
- Coal
- Electricity
- Gas
- Hydrogen
- Oil



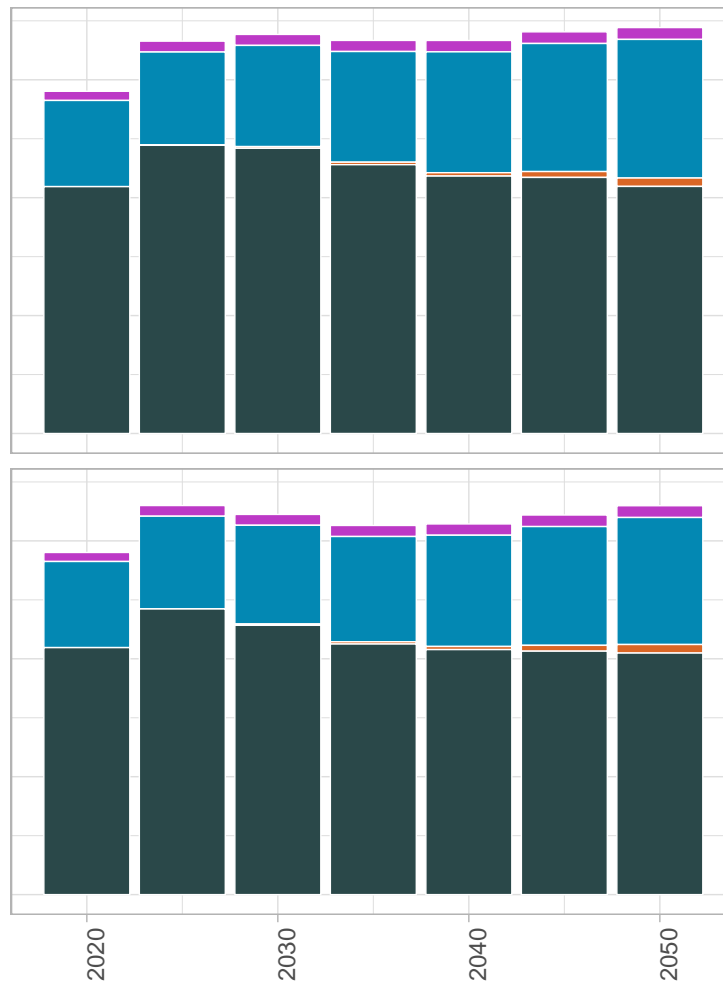
leap\_IRA

# Secondary Energy: United States

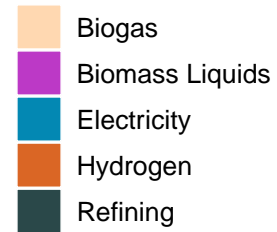
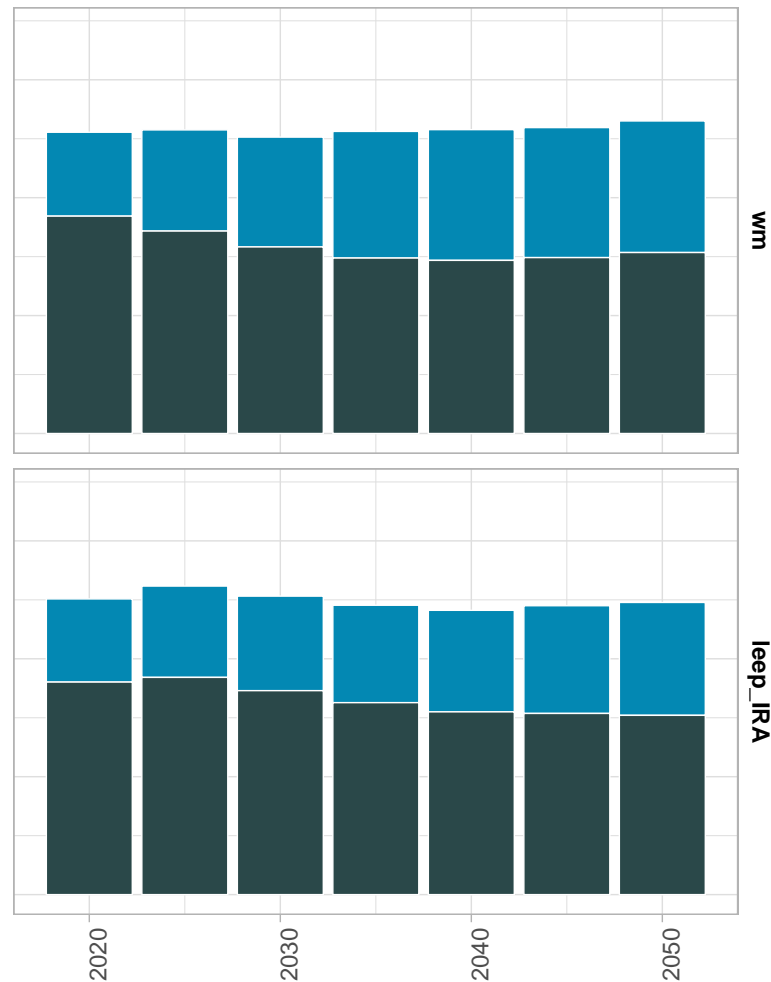
GCAM



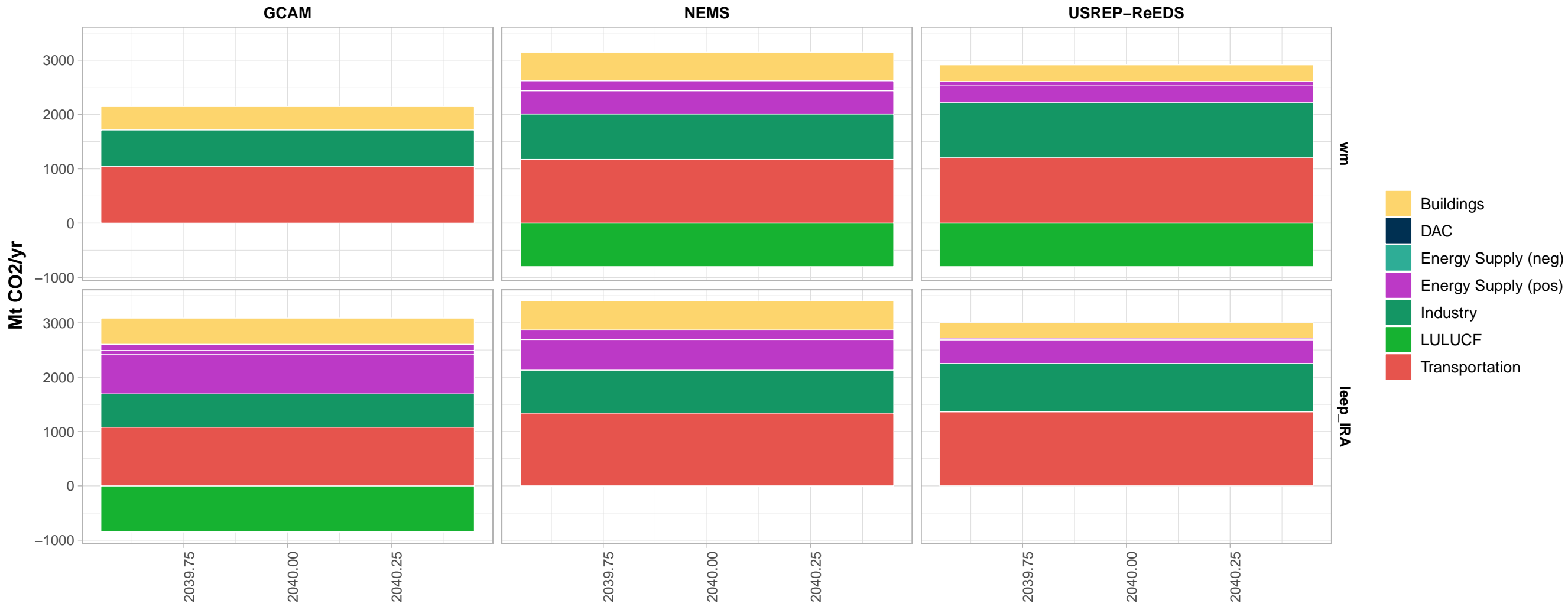
NEMS



USREP-ReEDS



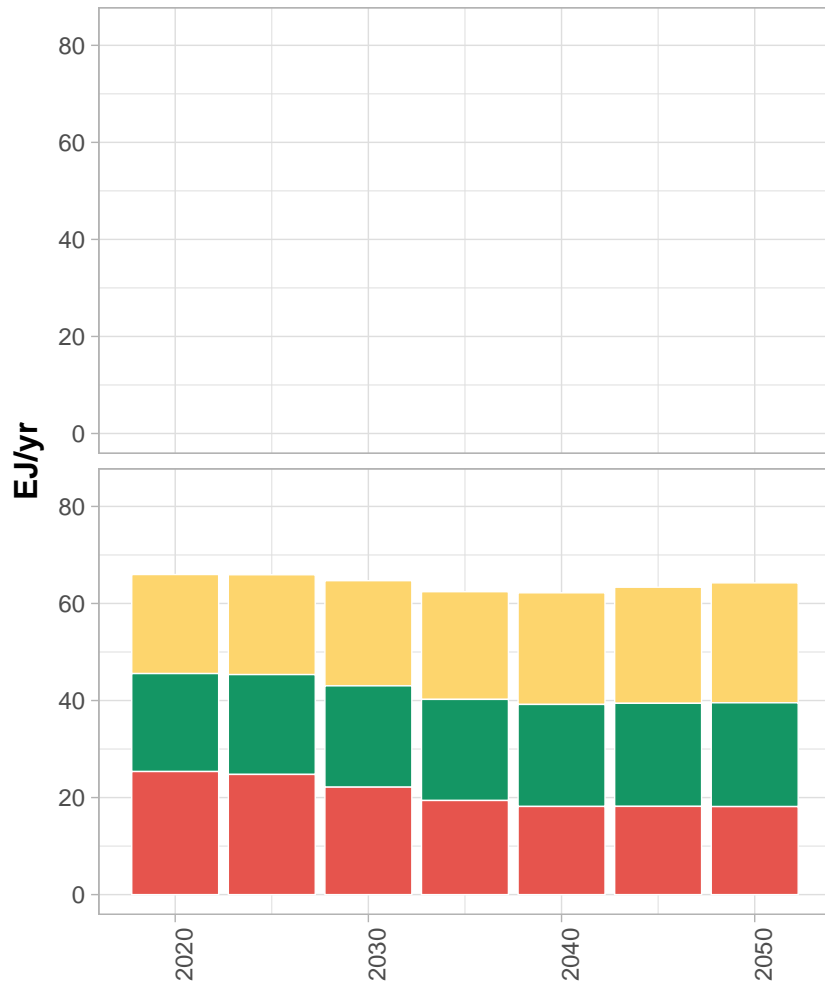
# Sectoral CO2 Emissions (2040): United States



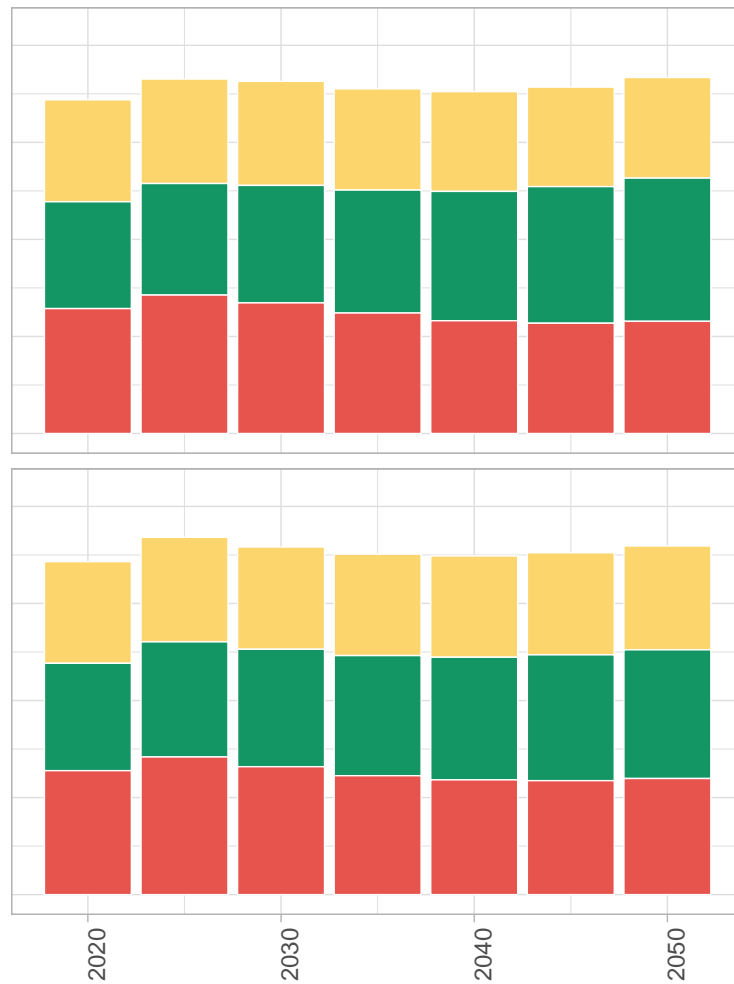


# Final Energy – Sector: United States

GCAM



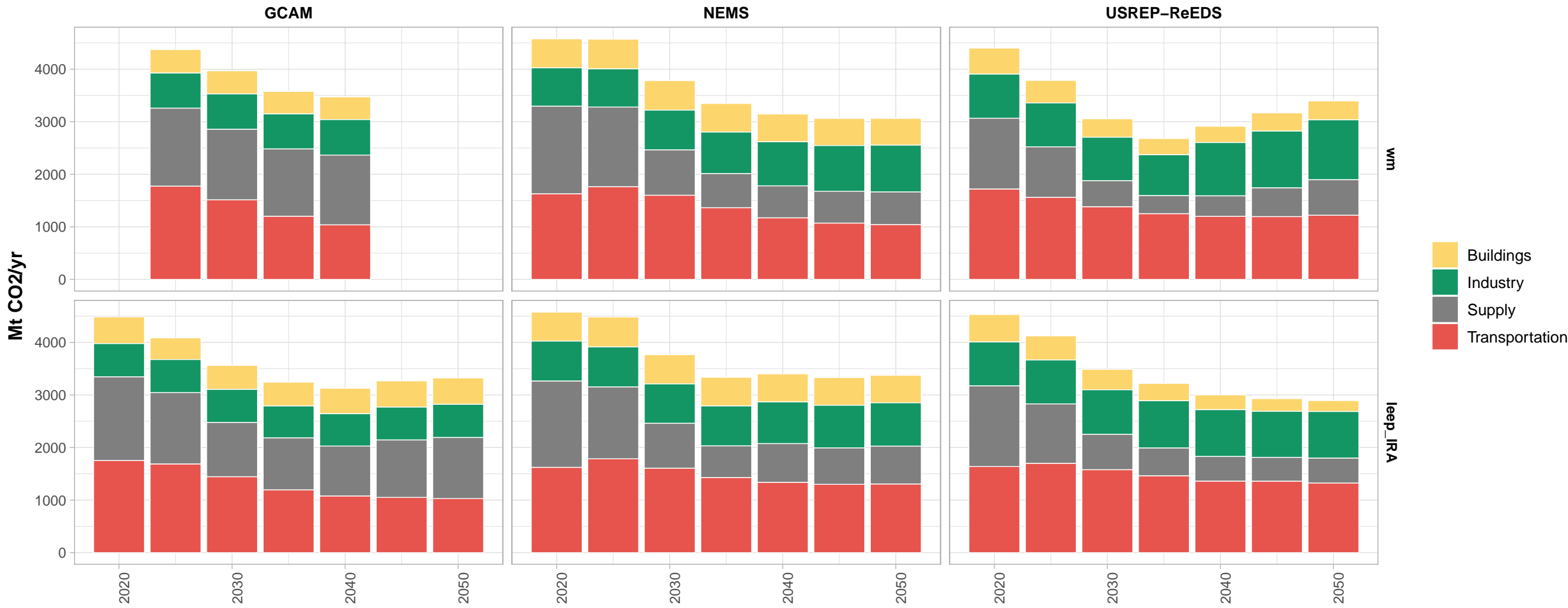
NEMS



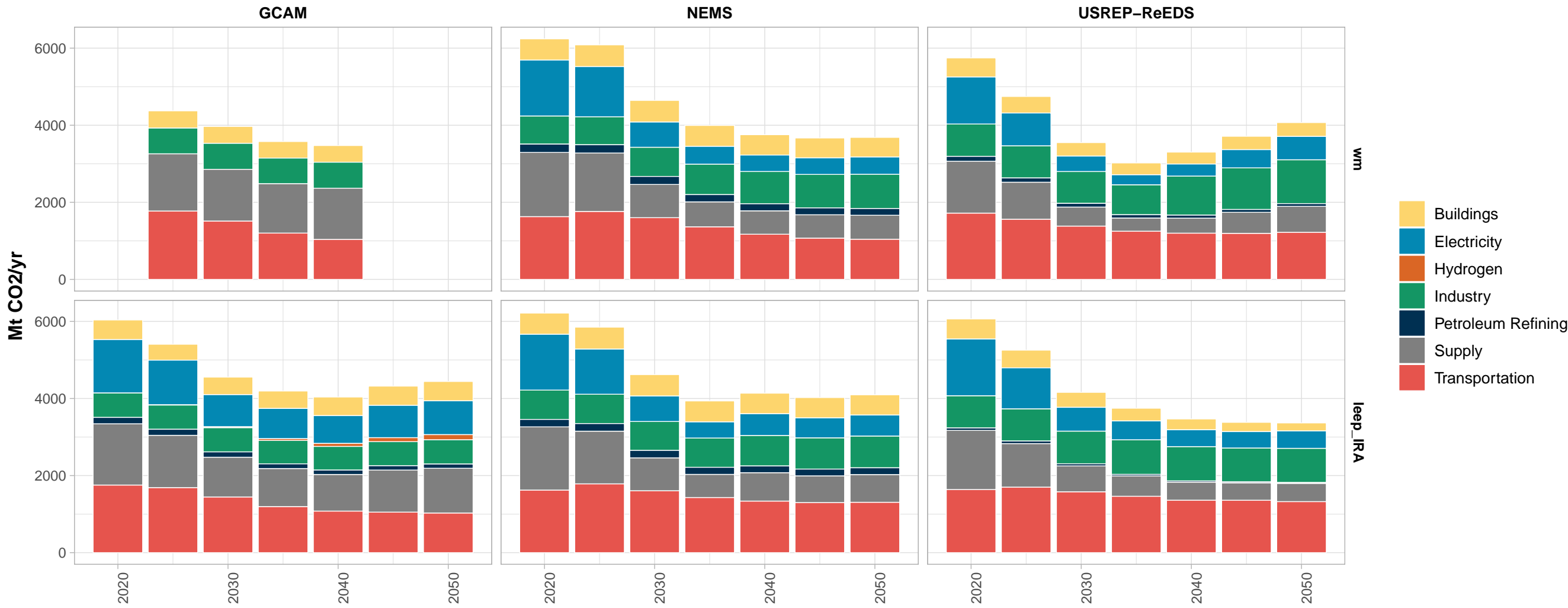
USREP-ReEDS



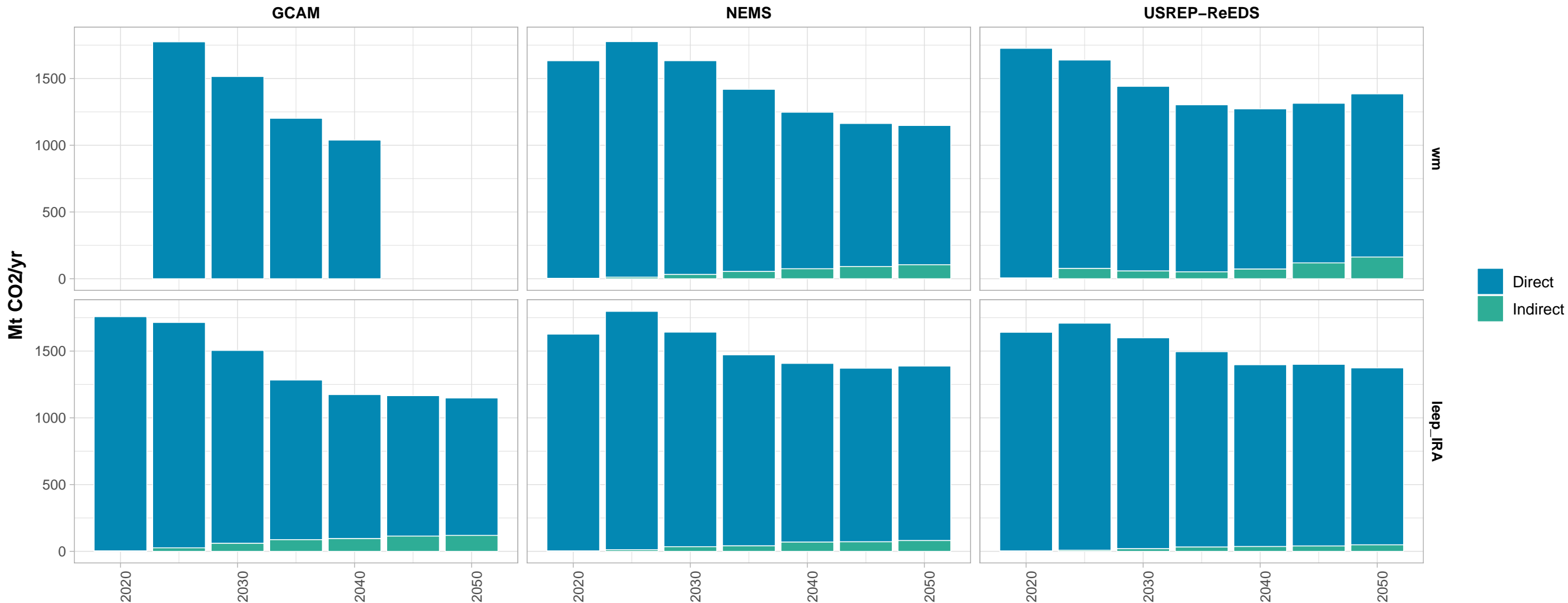
Energy CO2 Emissions Accounting – total supply: United States



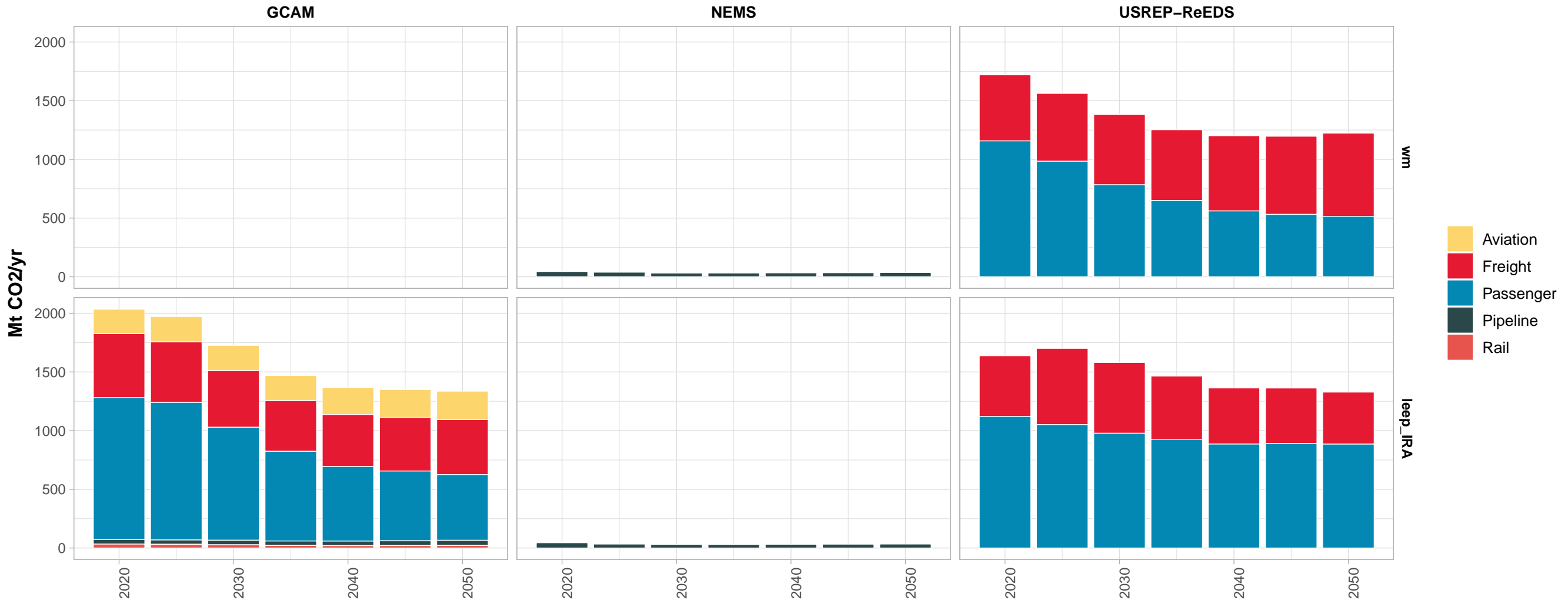
Energy CO2 Emissions Accounting – supply breakout: United States



# TRN Direct and Indirect Emissions: United States

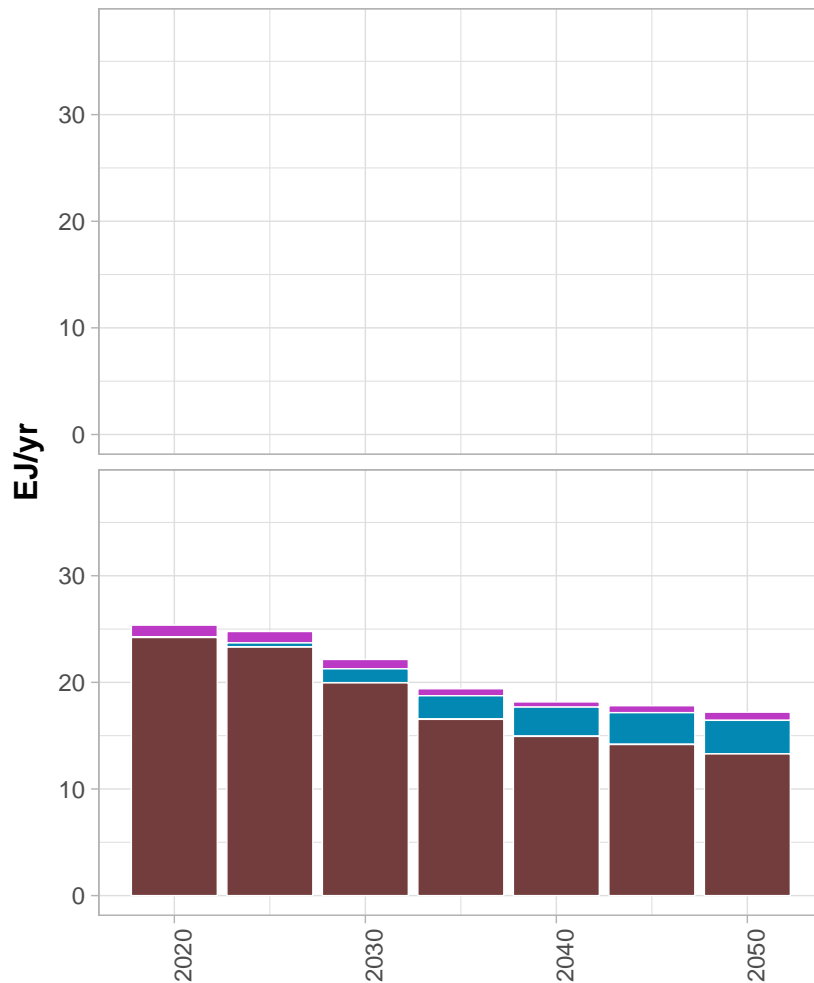


# TRN Mode Emissions: United States

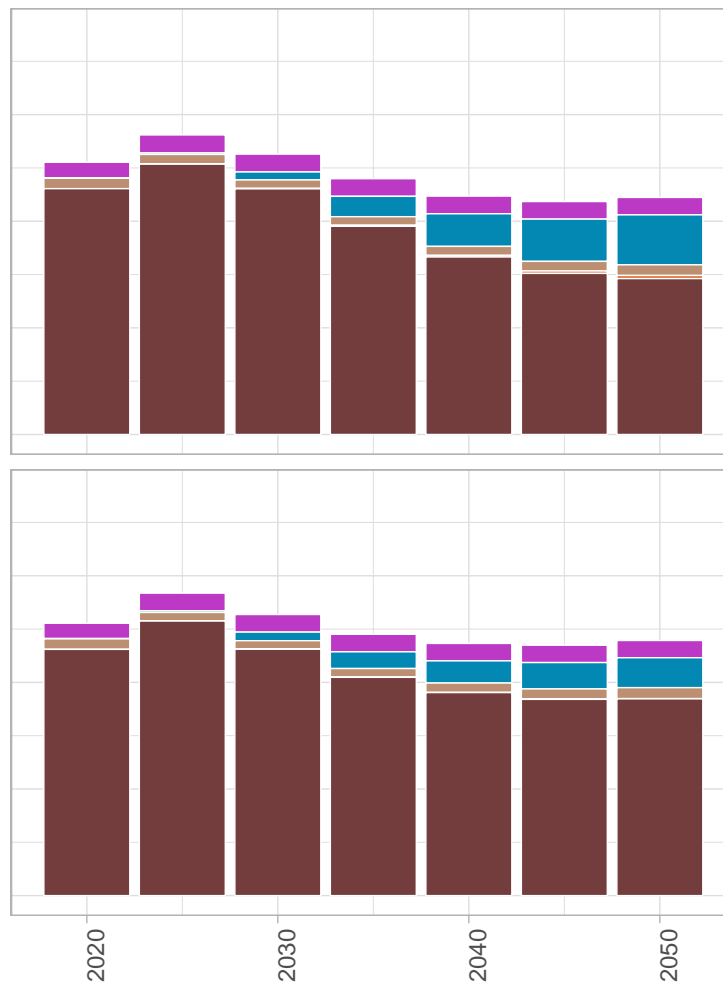


# TRN Energy by Fuel: United States

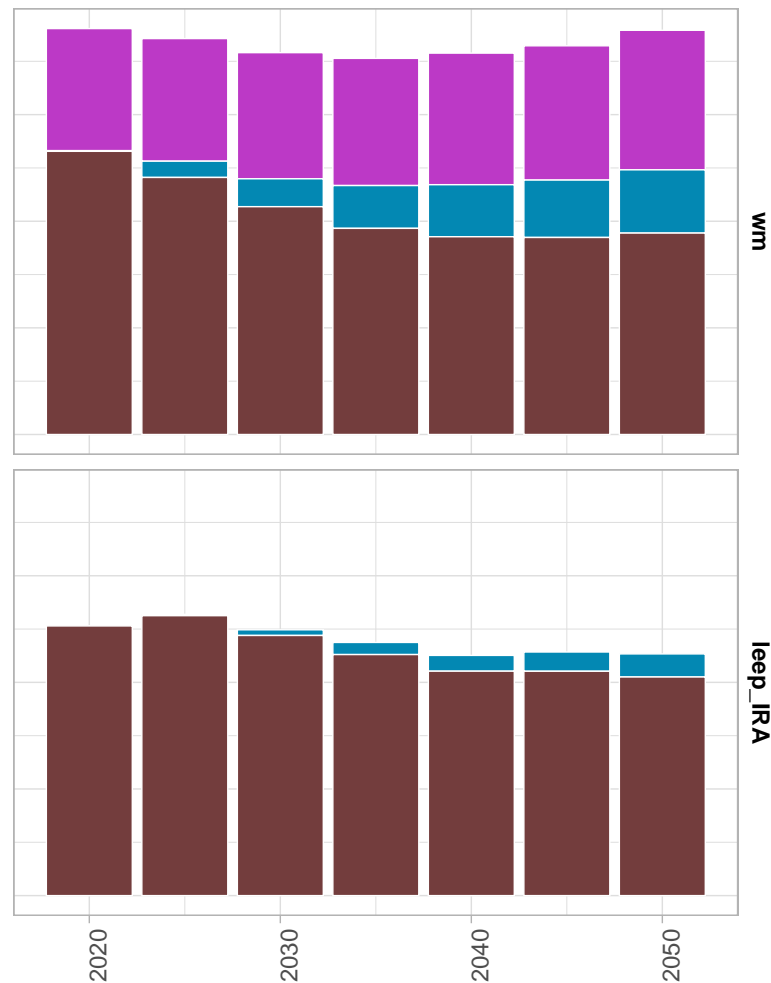
GCAM



NEMS



USREP-ReEDS



- Biomass Liquids
- Electricity
- Gas
- Hydrogen
- Oil