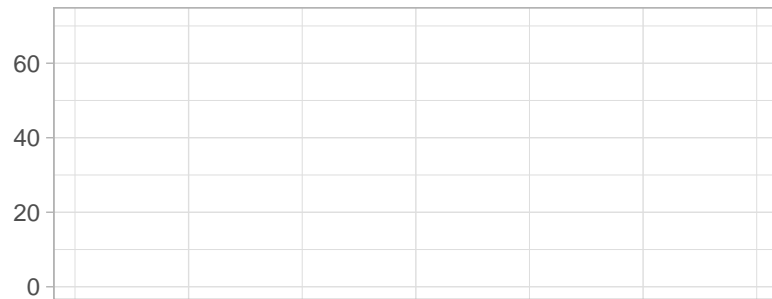
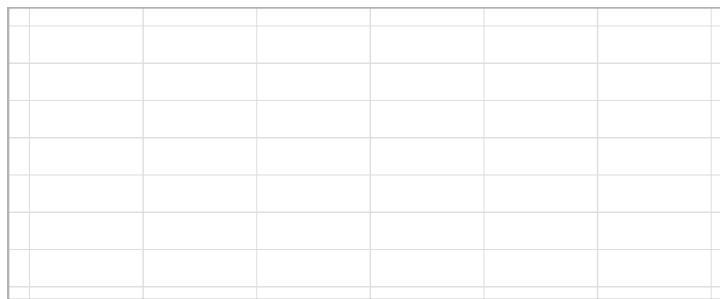


Final Energy – Fuel: United States

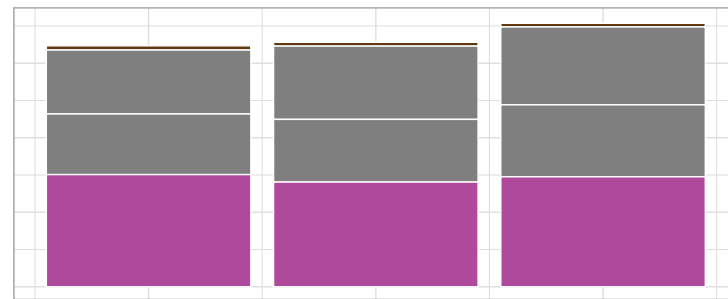
GCAM-PNNL



NEMS-OP

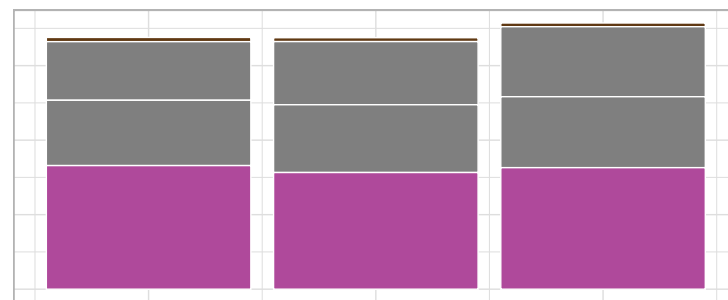
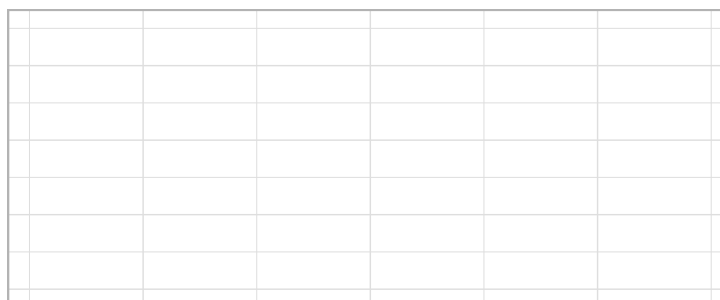
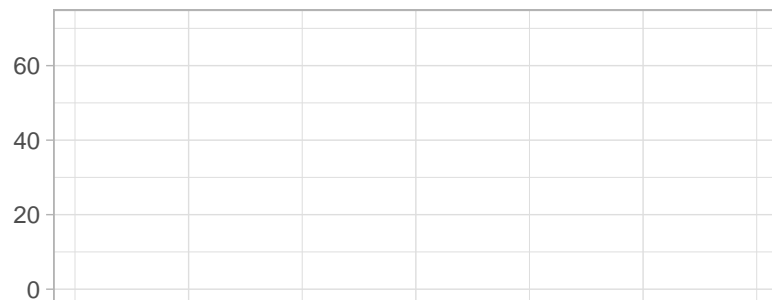


USREP-ReEDS

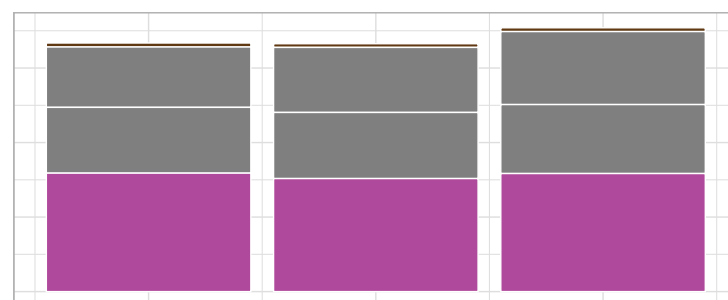
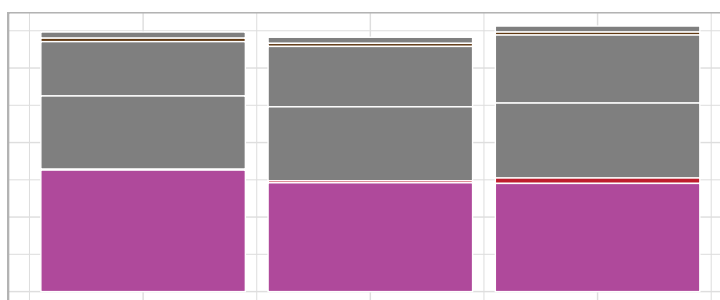
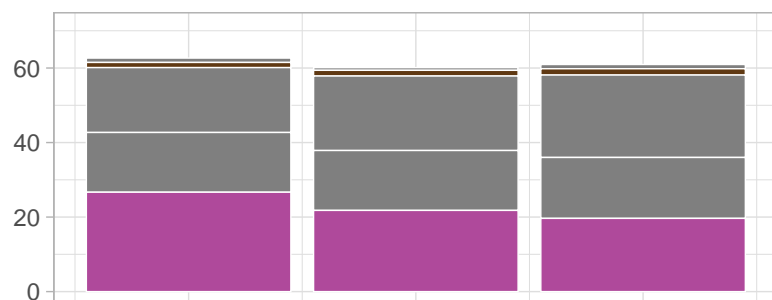


w/m

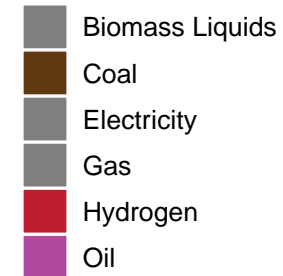
EJ/yr



ref

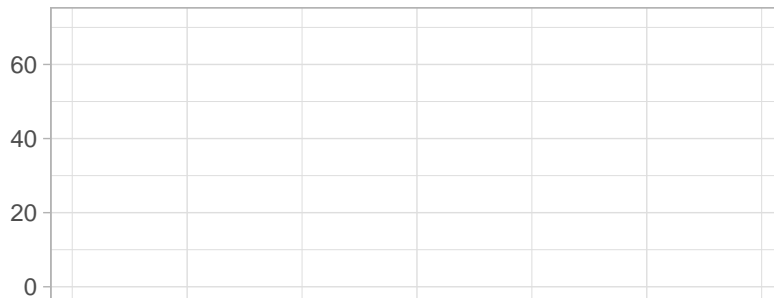


IRA

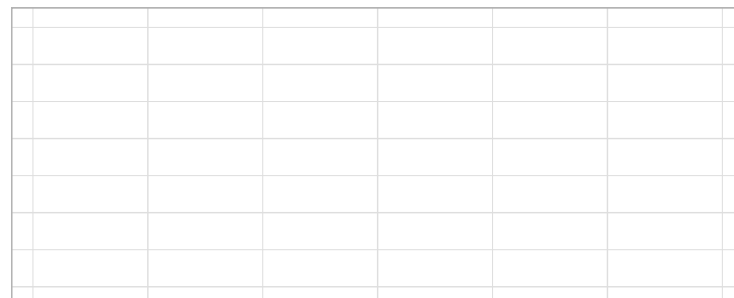


Final Energy – Sector: United States

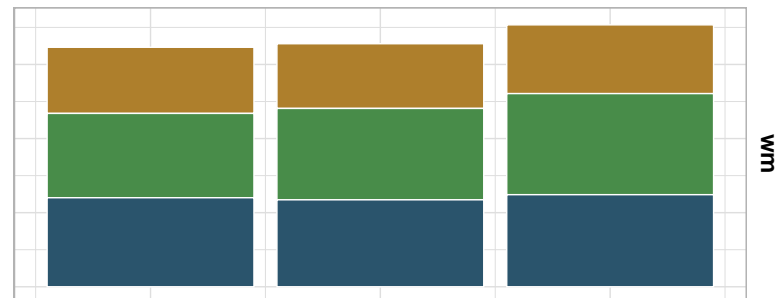
GCAM-PNNL



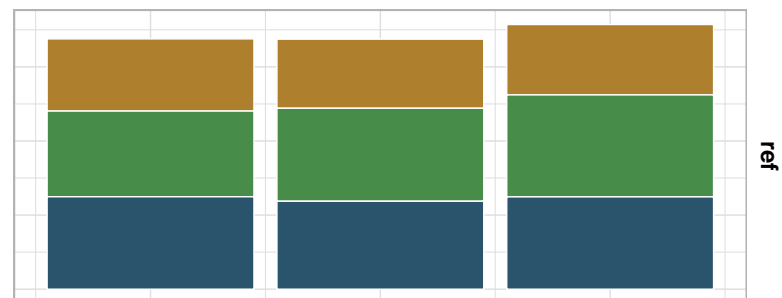
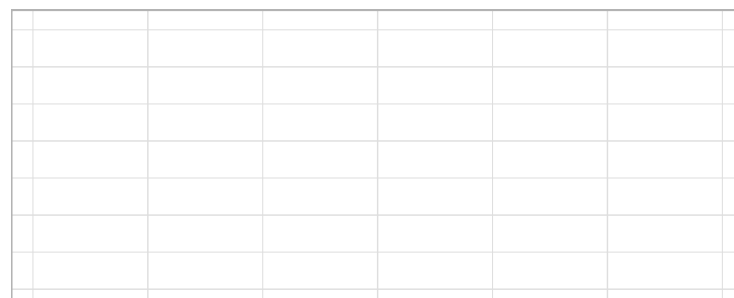
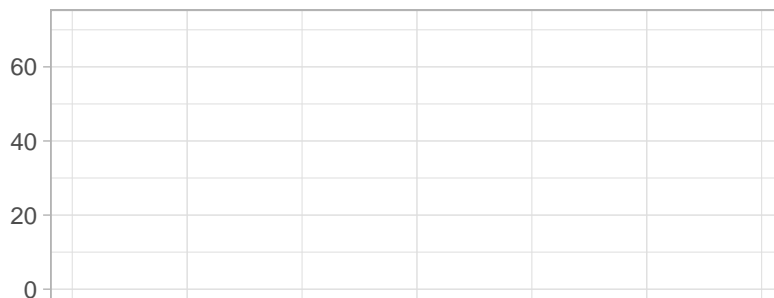
NEMS-OP



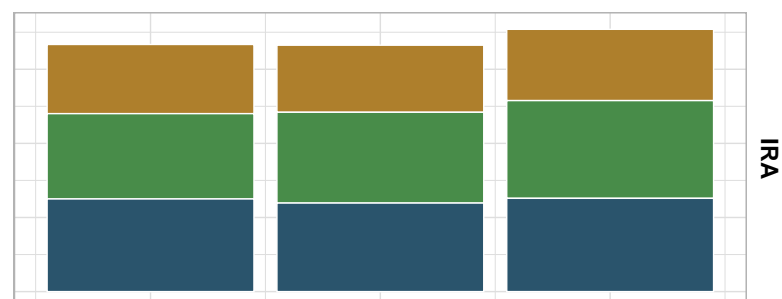
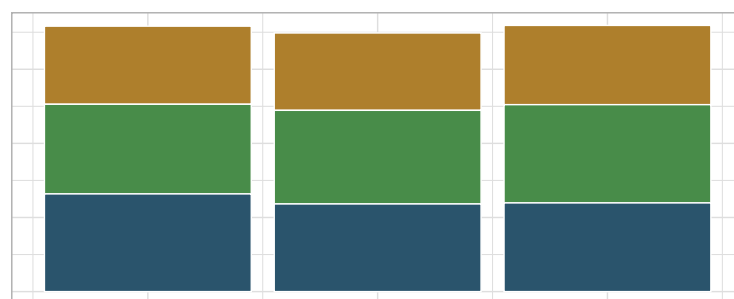
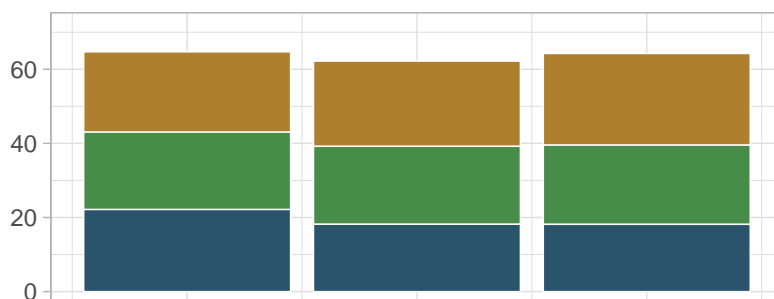
USREP-ReEDS



w/m



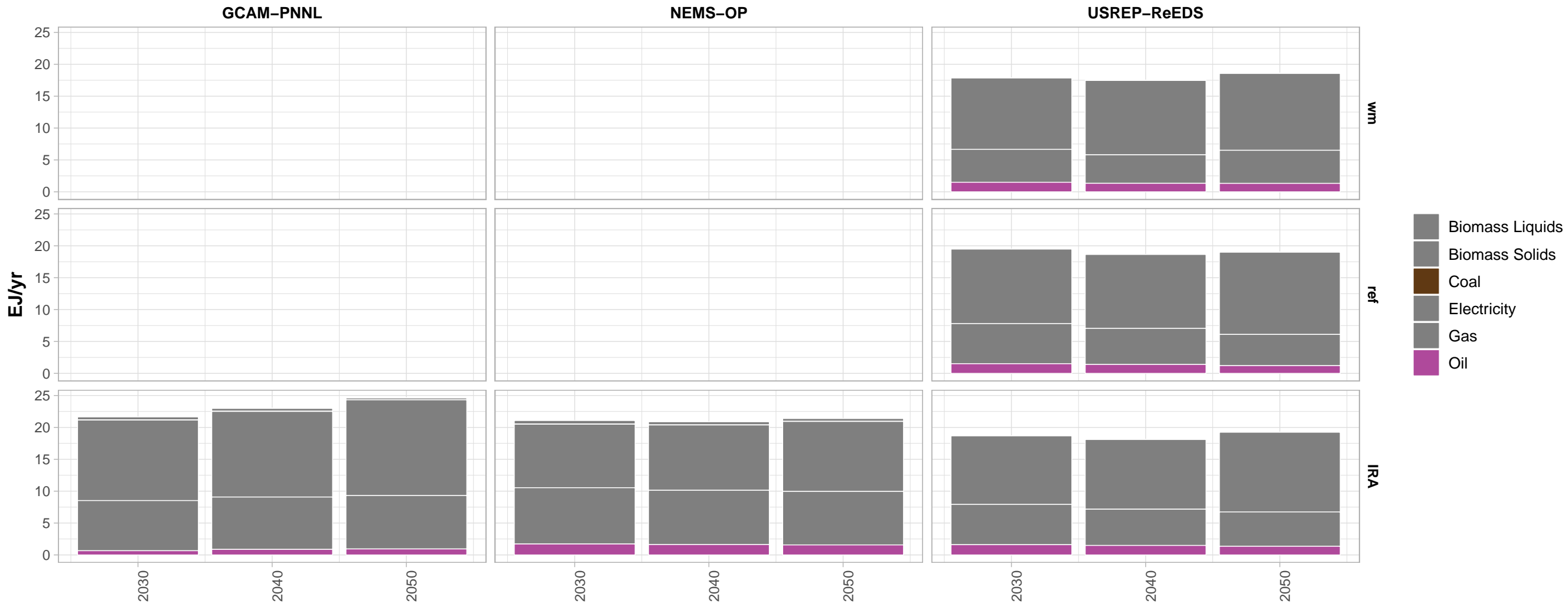
ref



IRA

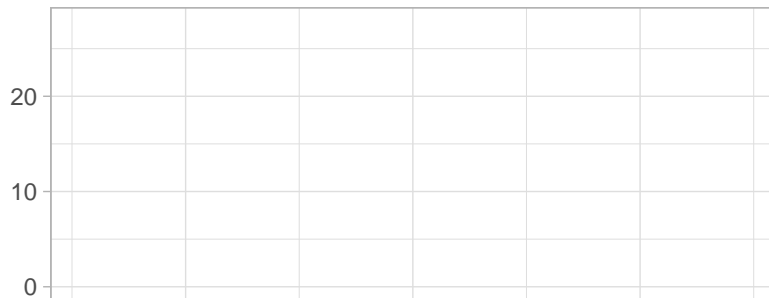


Final Energy – Buildings: United States

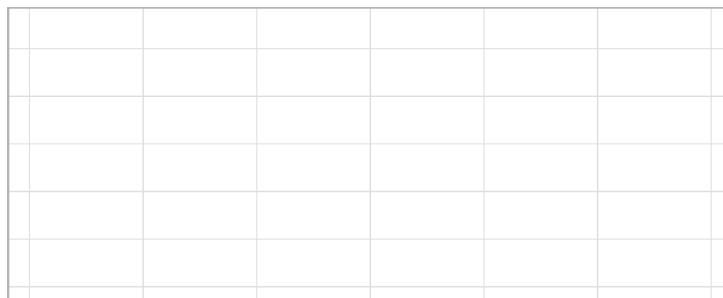


Final Energy – Industry: United States

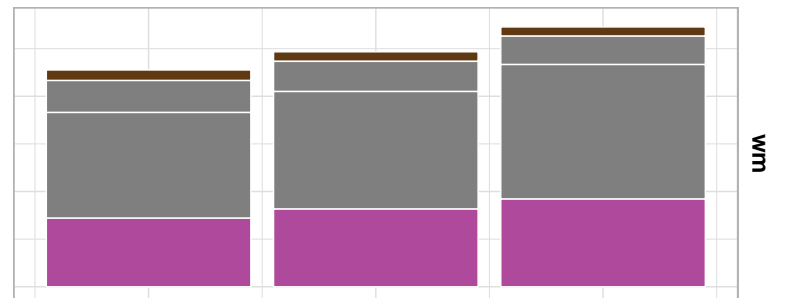
GCAM-PNNL



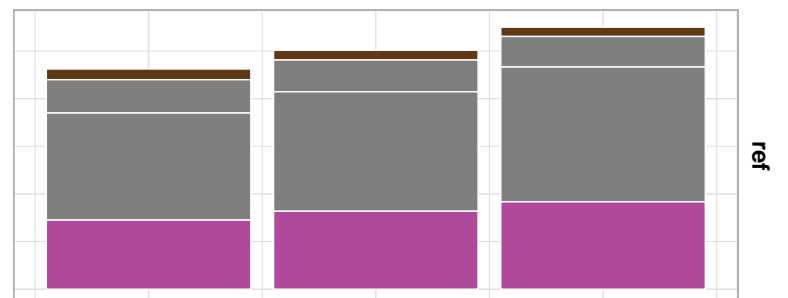
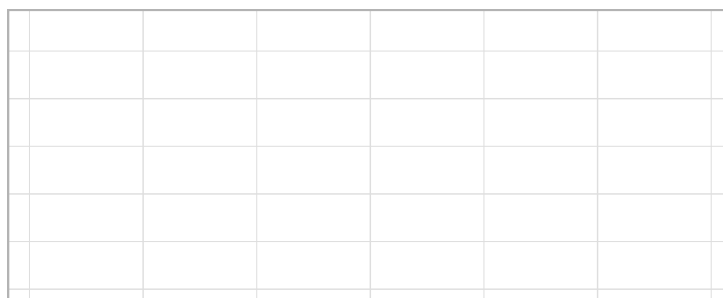
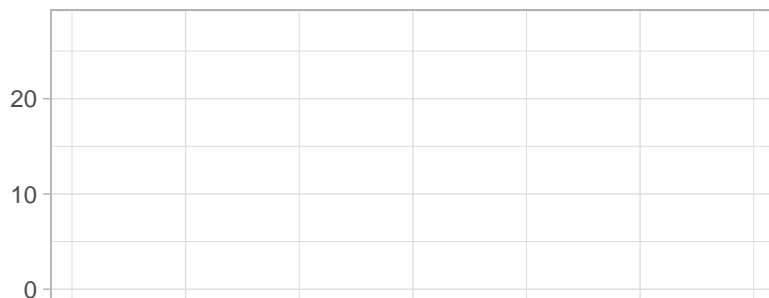
NEMS-OP



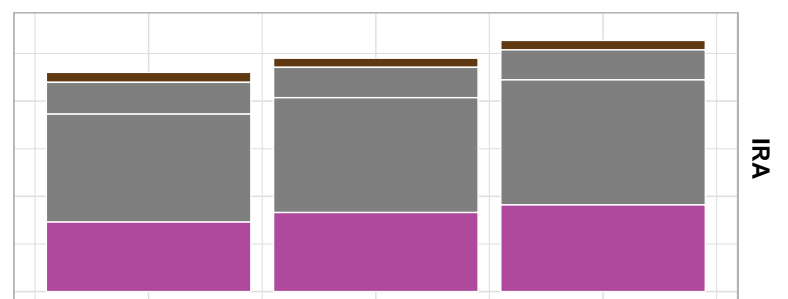
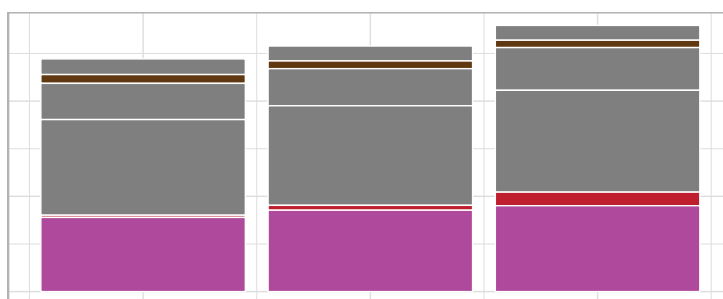
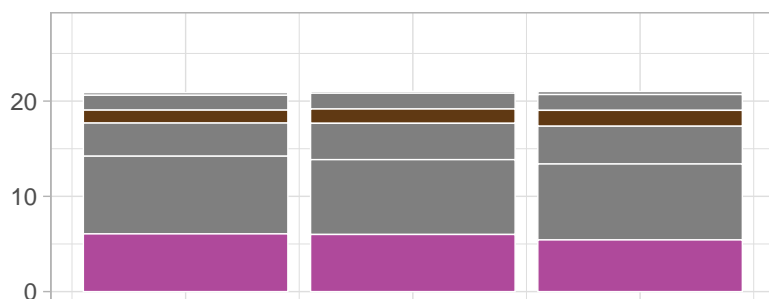
USREP-ReEDS



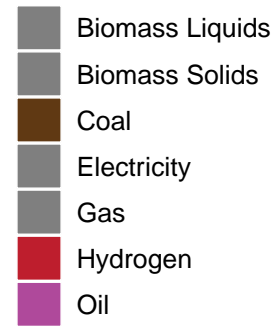
w/m



ref

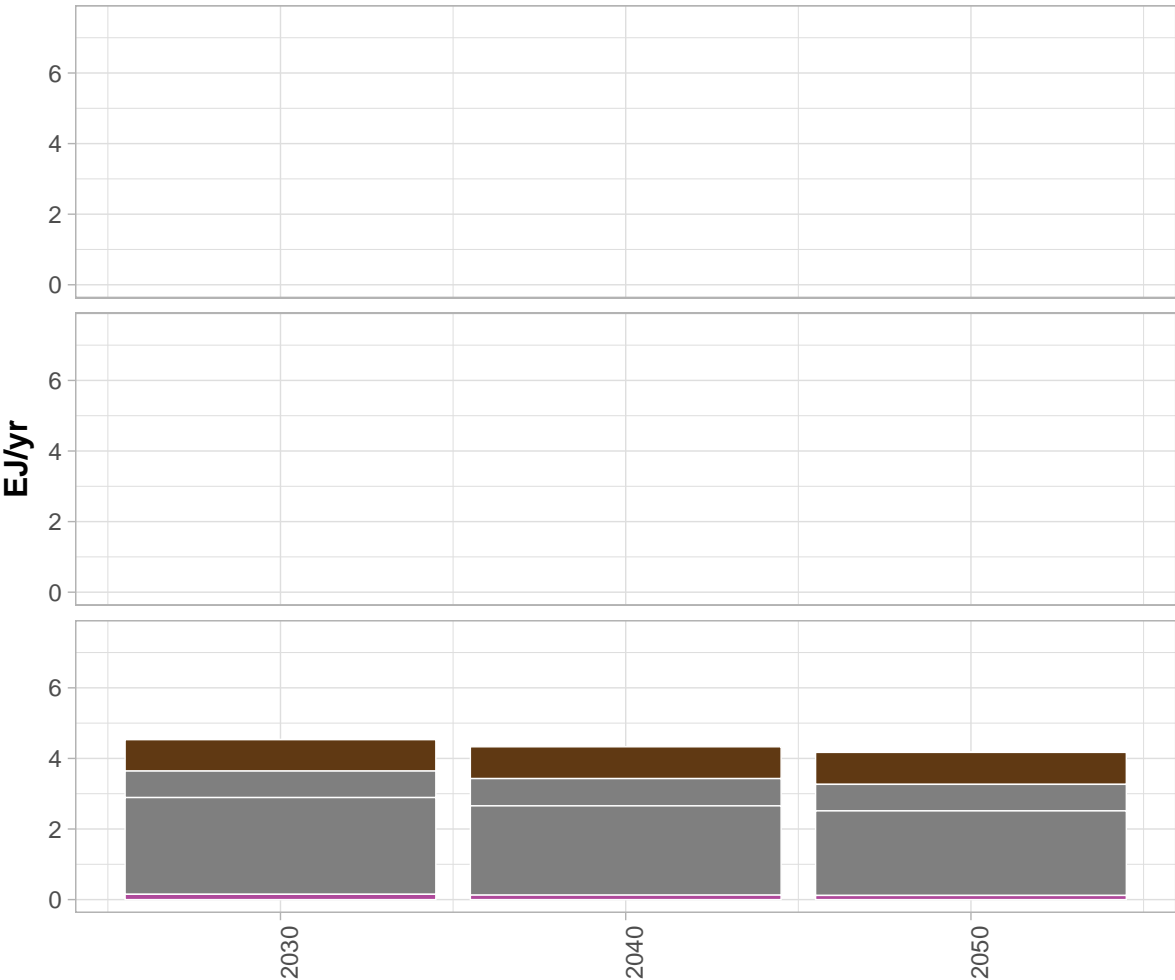


IRA

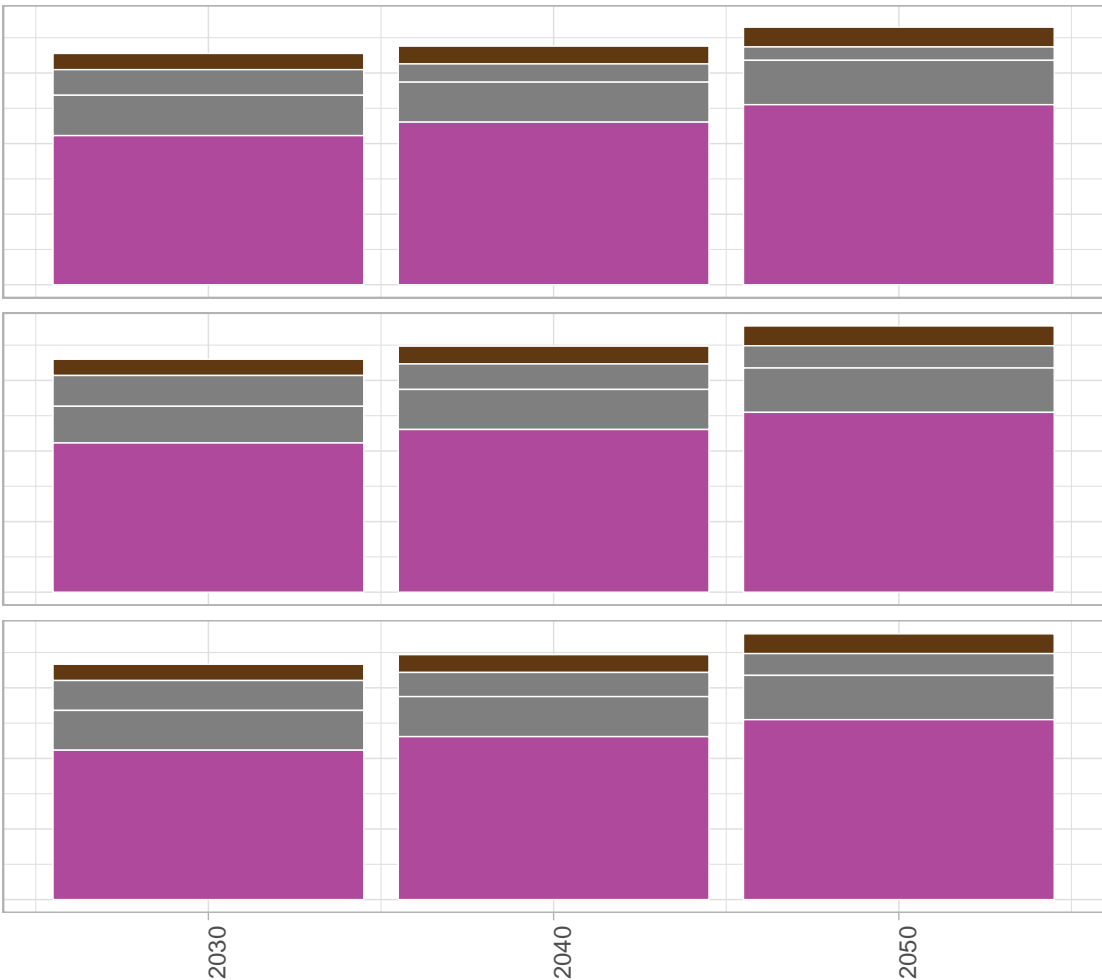


Final Energy – Industry – Elnt Mfg: United States

GCAM-PNNL

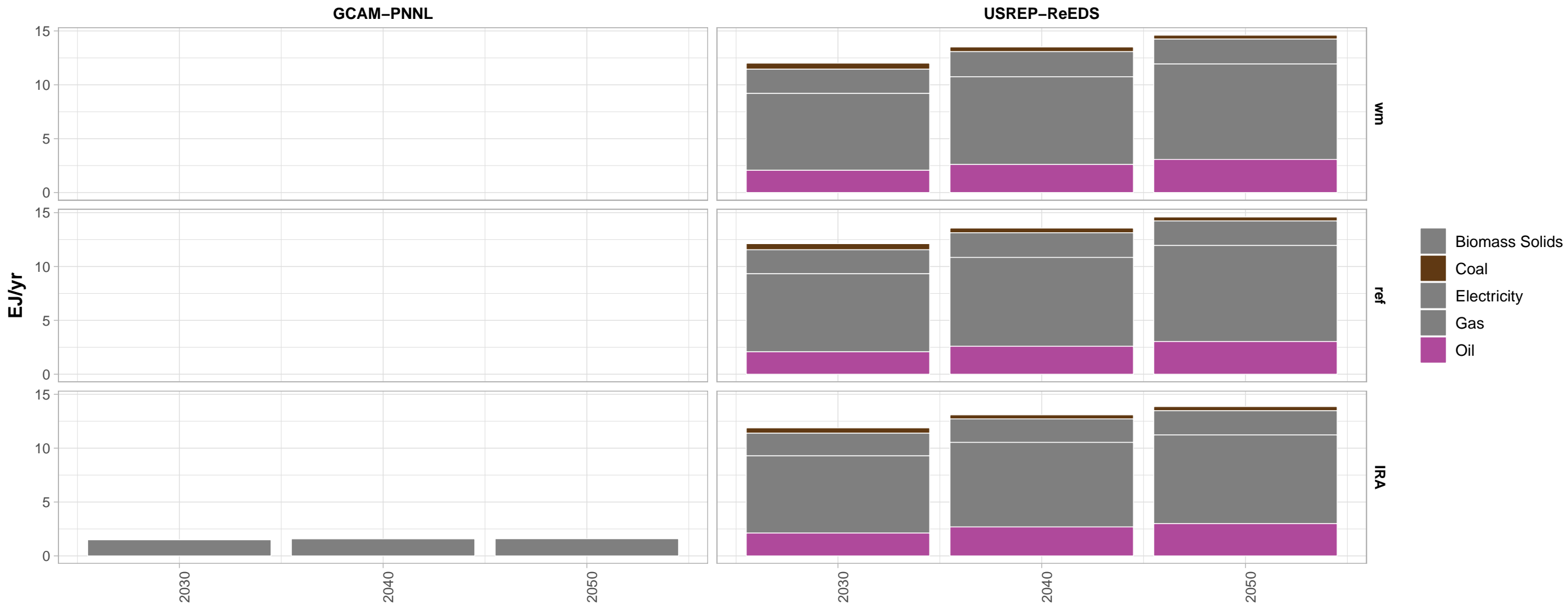


USREP-ReEDS



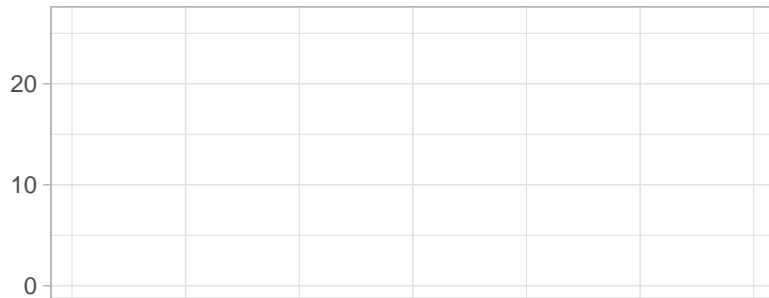
- Biomass Liquids
- Coal
- Electricity
- Gas
- Oil

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

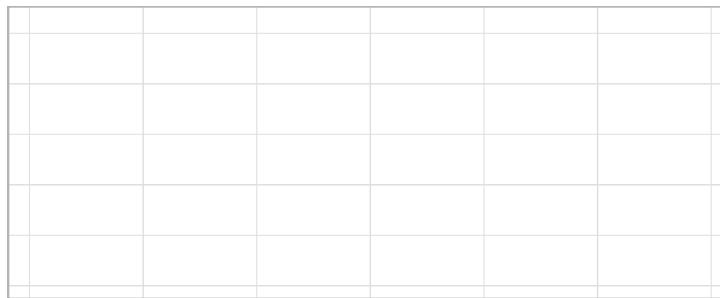


Final Energy – Transportation: United States

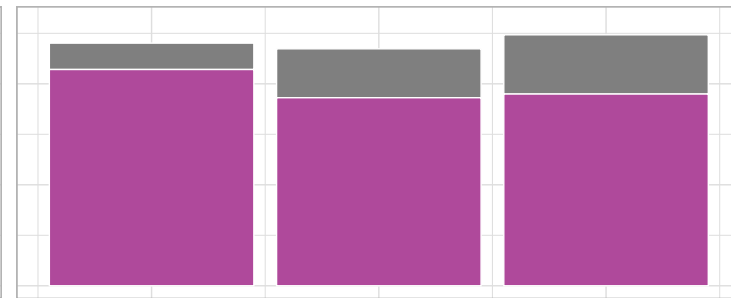
GCAM-PNNL



NEMS-OP

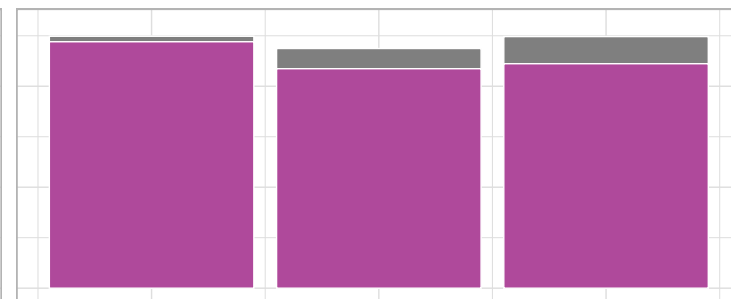
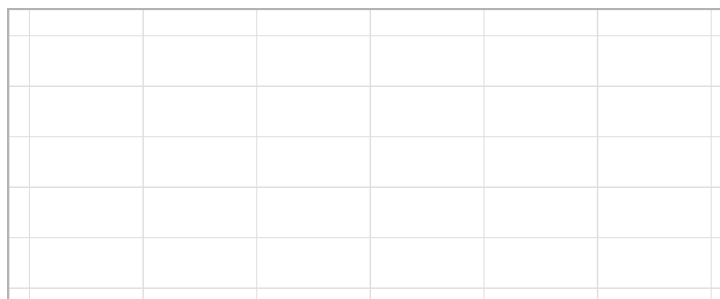
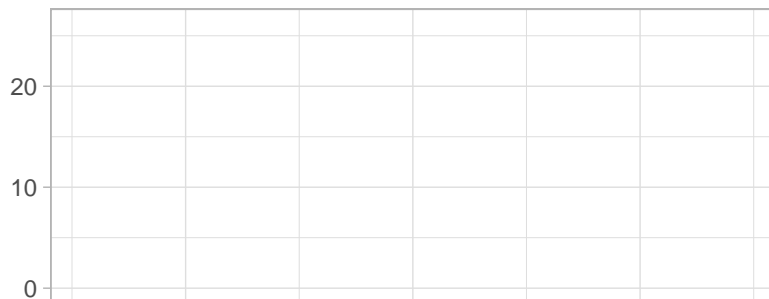


USREP-ReEDS

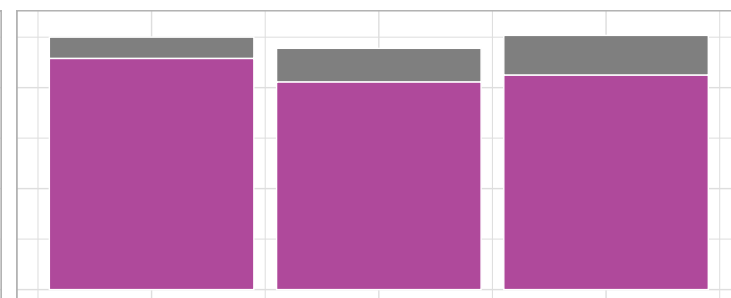
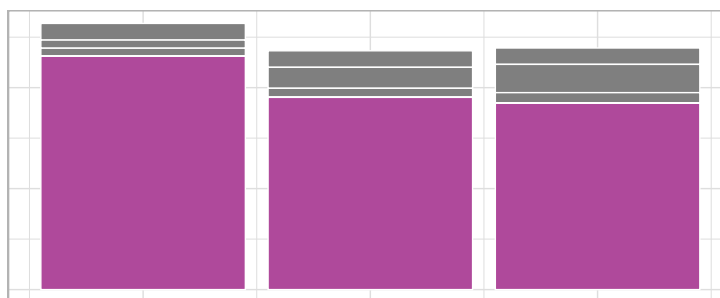
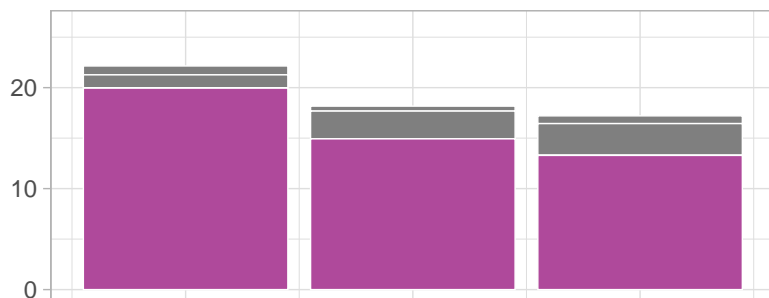
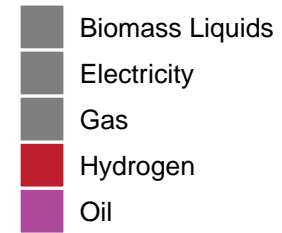


w/m

EJ/yr



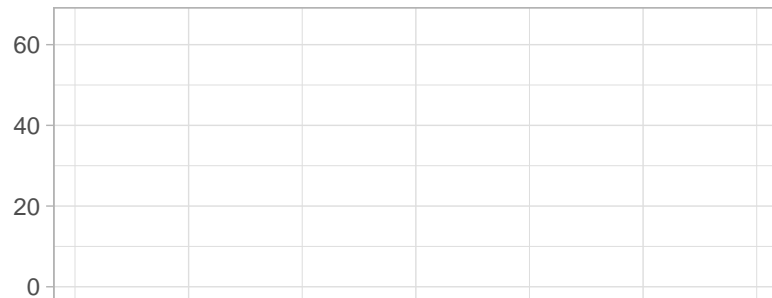
ref



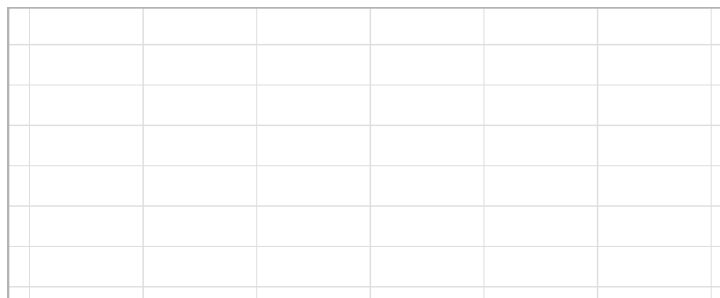
IRA

Secondary Energy: United States

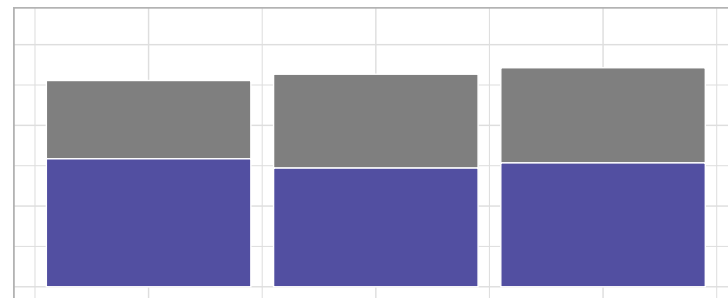
GCAM-PNNL



NEMS-OP

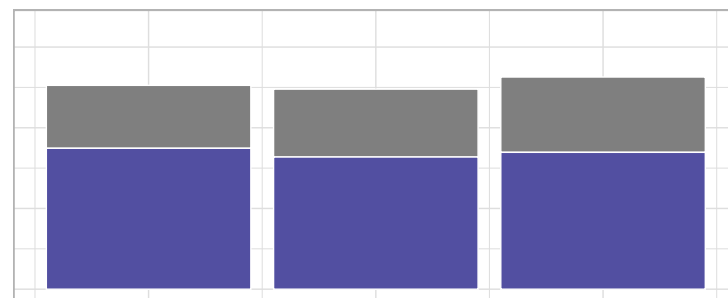
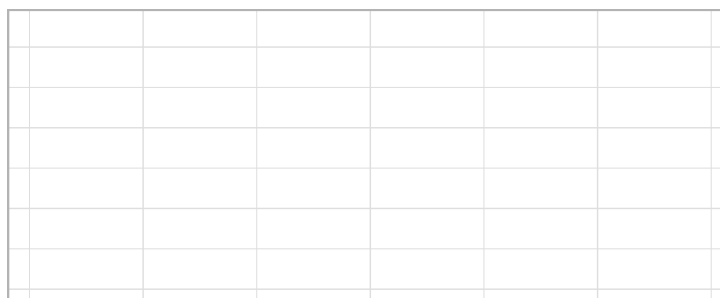
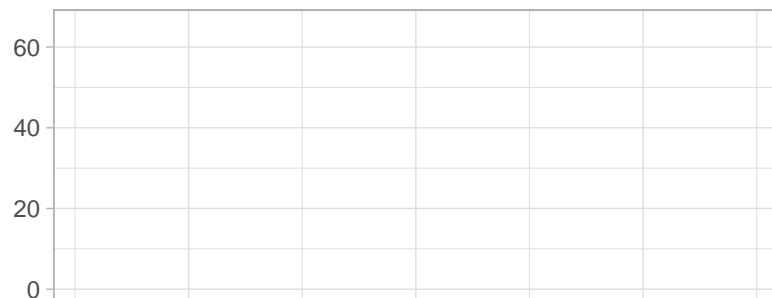


USREP-ReEDS



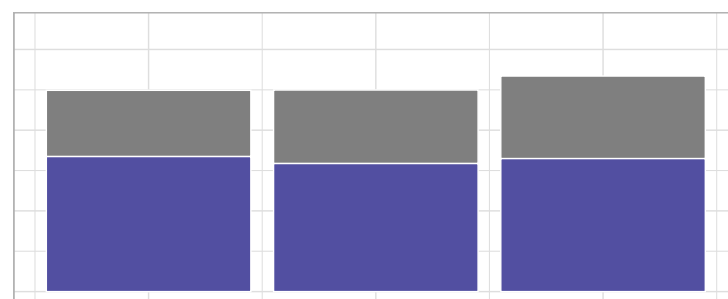
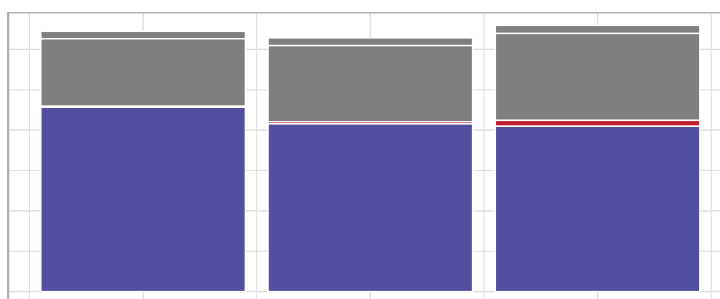
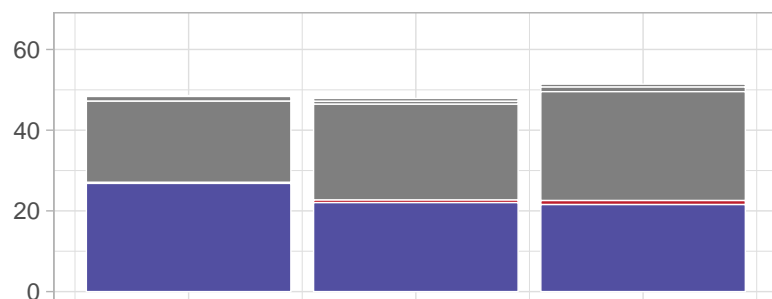
w/m

EJ/yr



ref

- Biogas
- Biomass Liquids
- Electricity
- Hydrogen
- Refining



IRA

Electricity Generation: United States

GCAM-PNNL

NEMS-OP

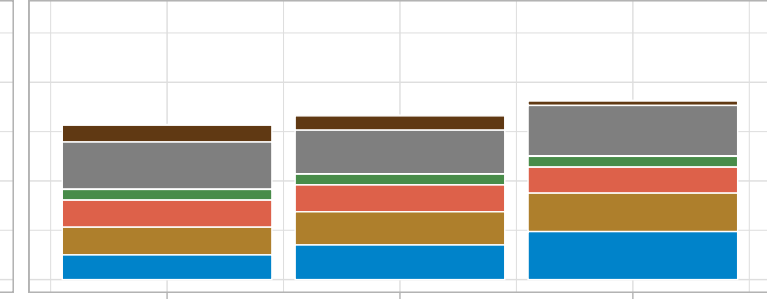
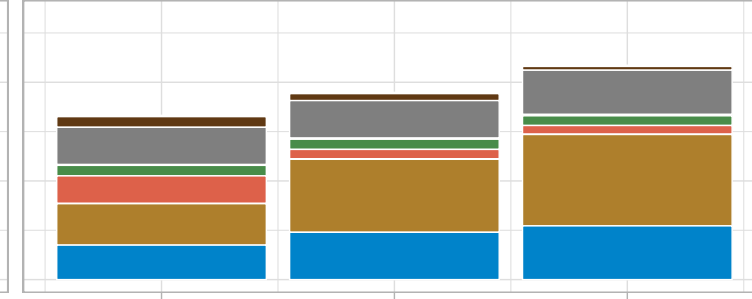
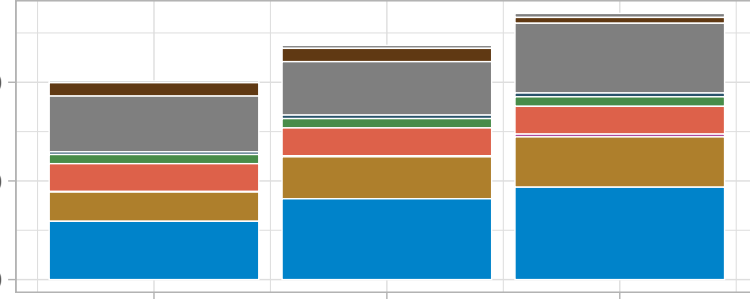
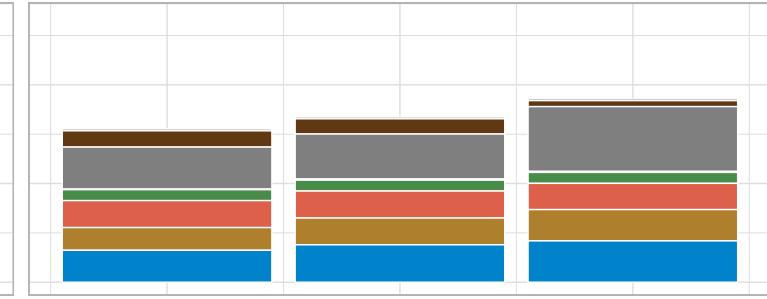
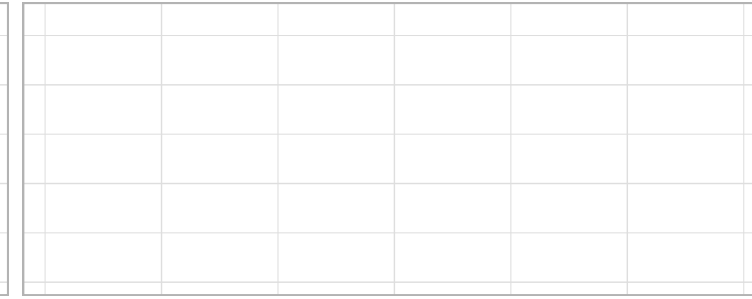
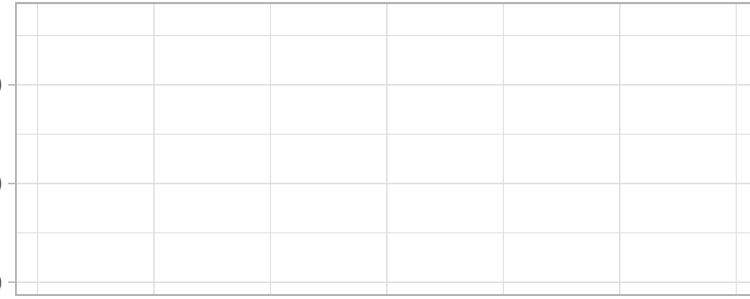
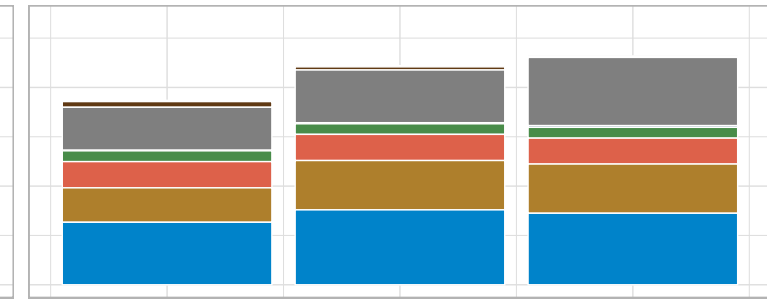
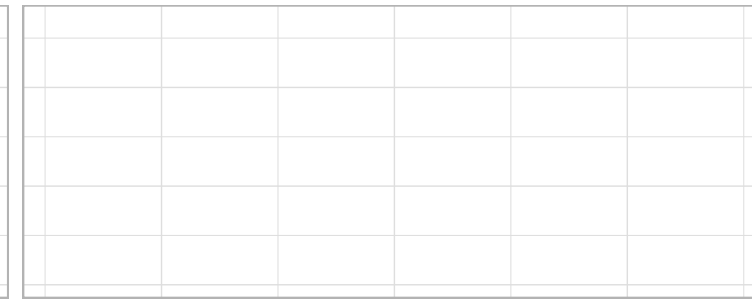
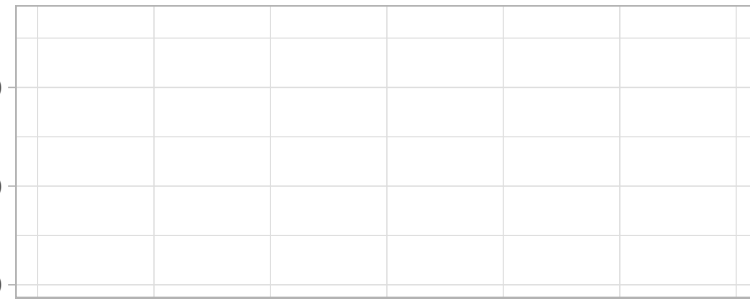
USREP-ReEDS

EJ/yr

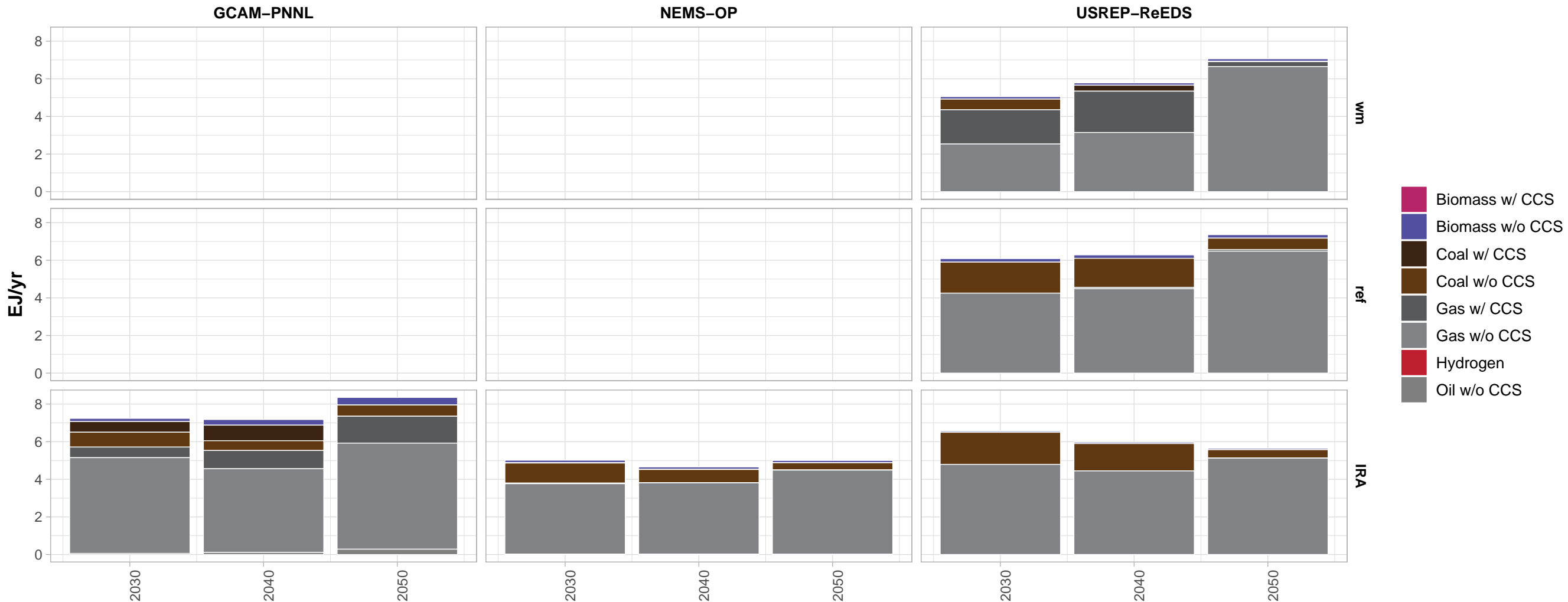
wm

ref

IRA

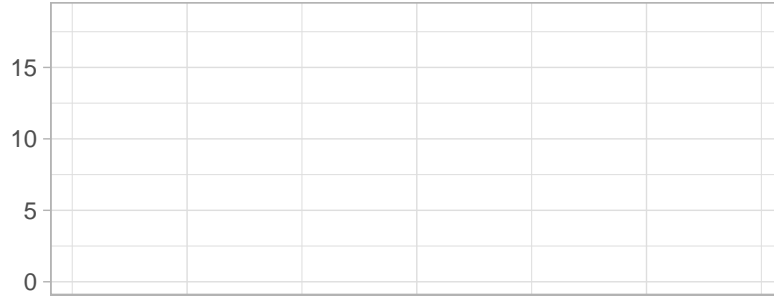


Electricity Generation – Combustion: United States

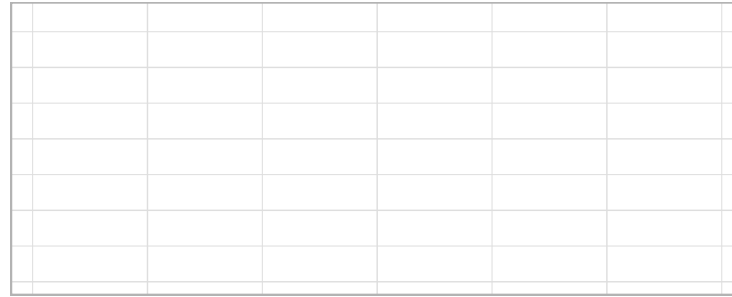


Electricity Generation – Non-Combustion: United States

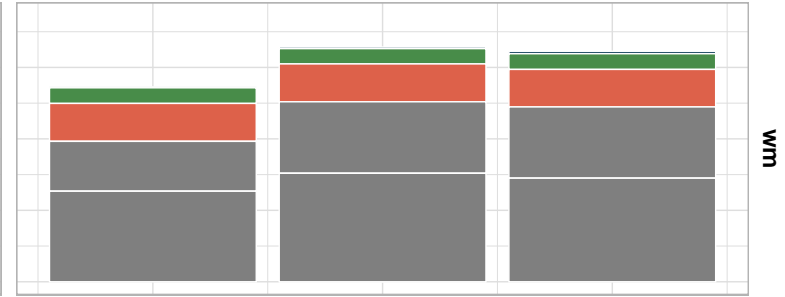
GCAM-PNNL



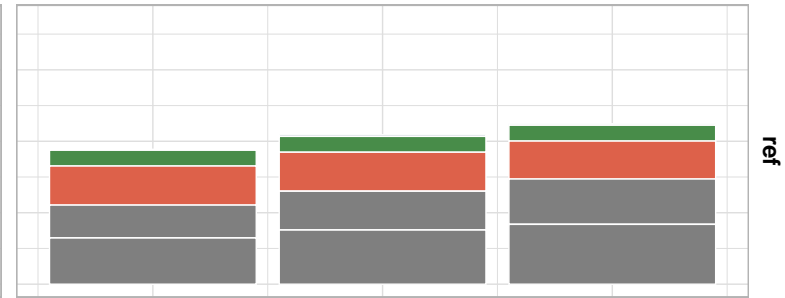
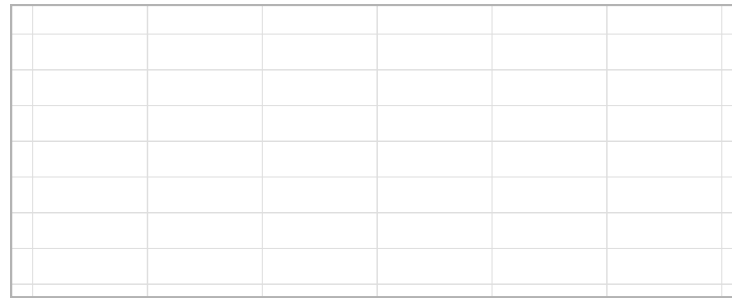
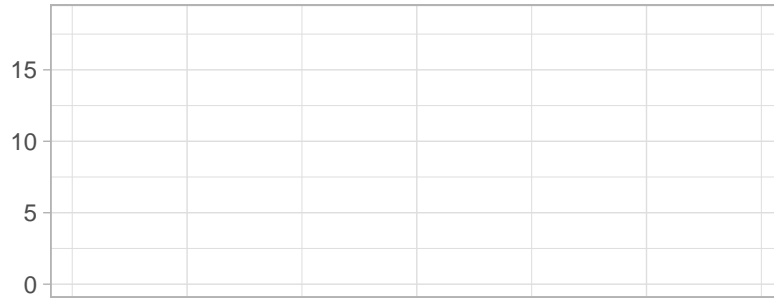
NEMS-OP



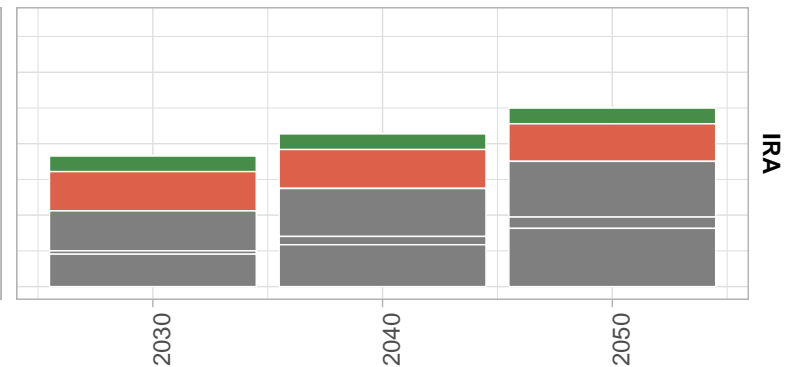
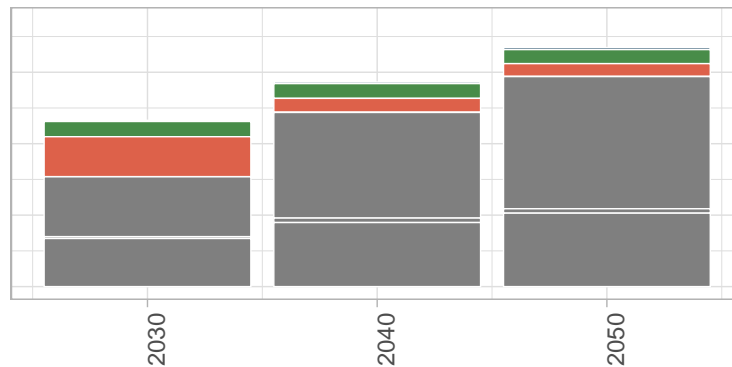
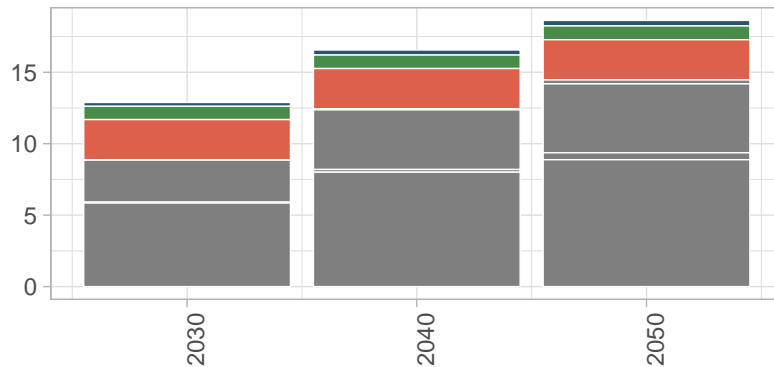
USREP-ReEDS



w/m



ref



IRA

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

Electricity Capacity: United States

GCAM-PNNL

NEMS-OP

USREP-ReEDS

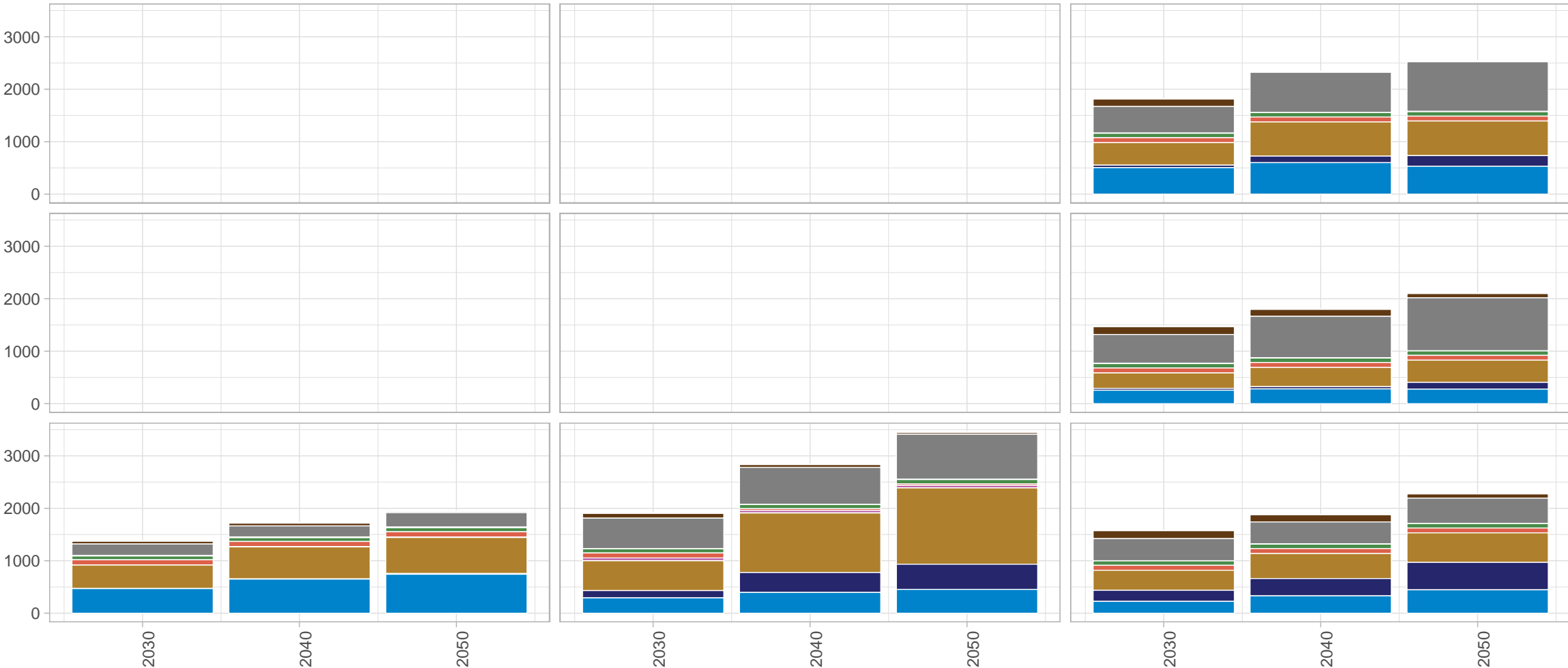
GW

wm

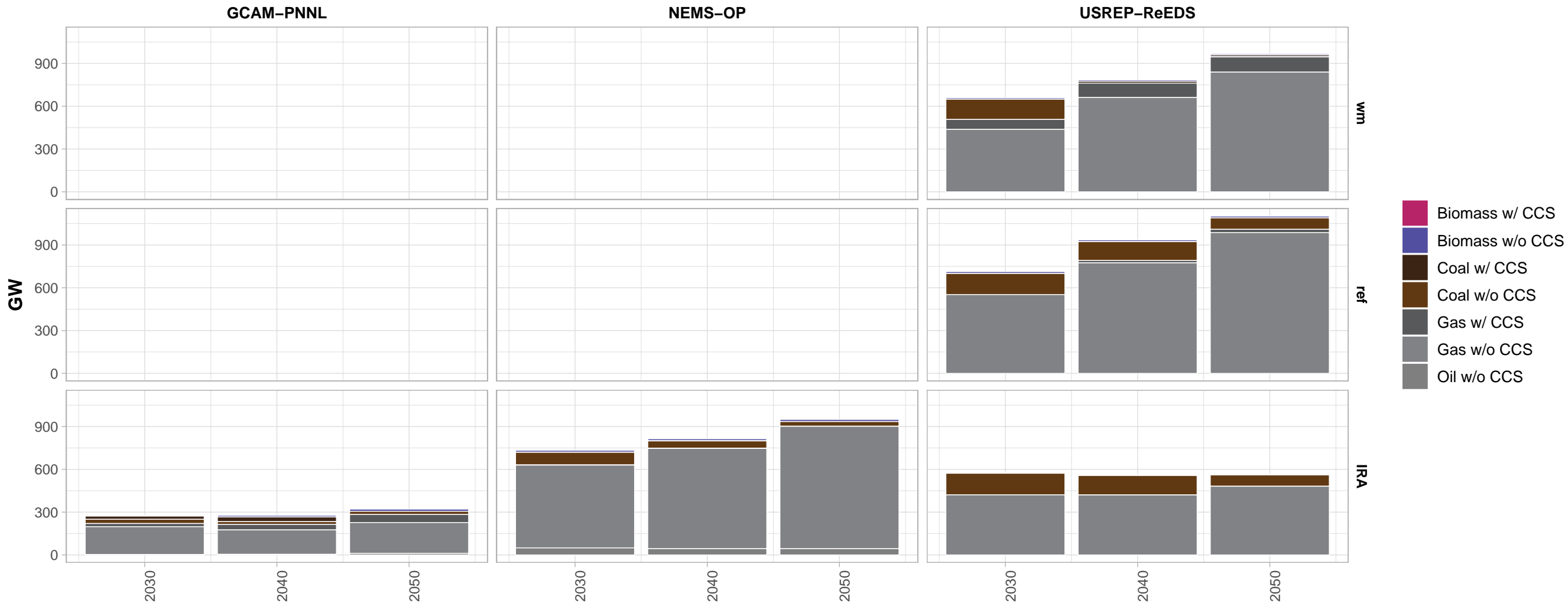
ref

IRA

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



Electricity Capacity – Combustion: United States



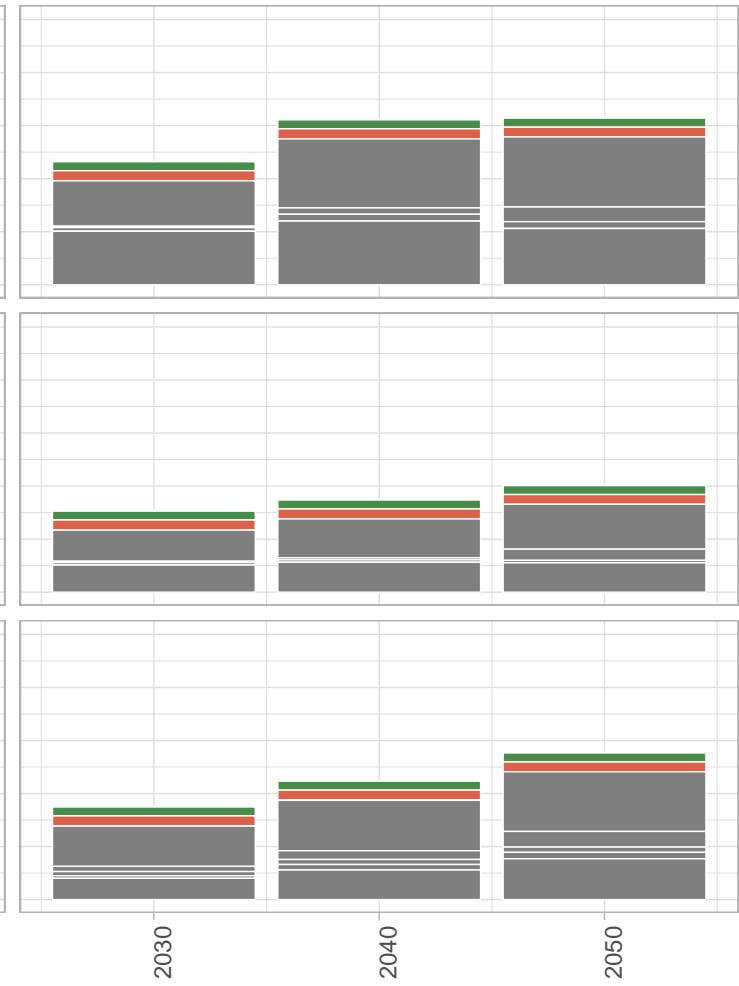
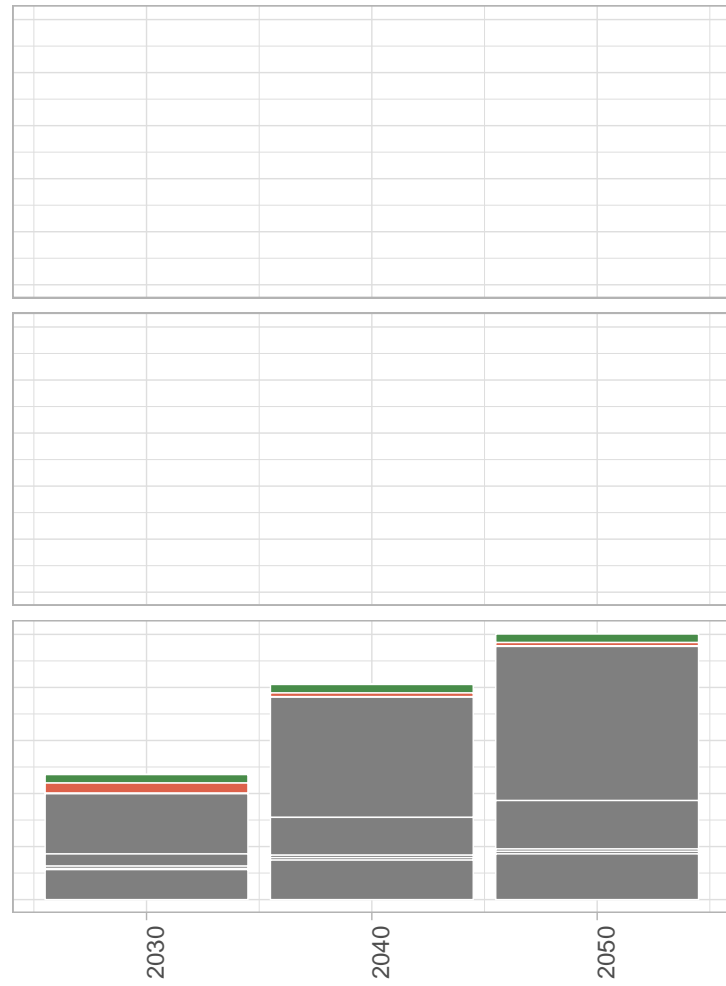
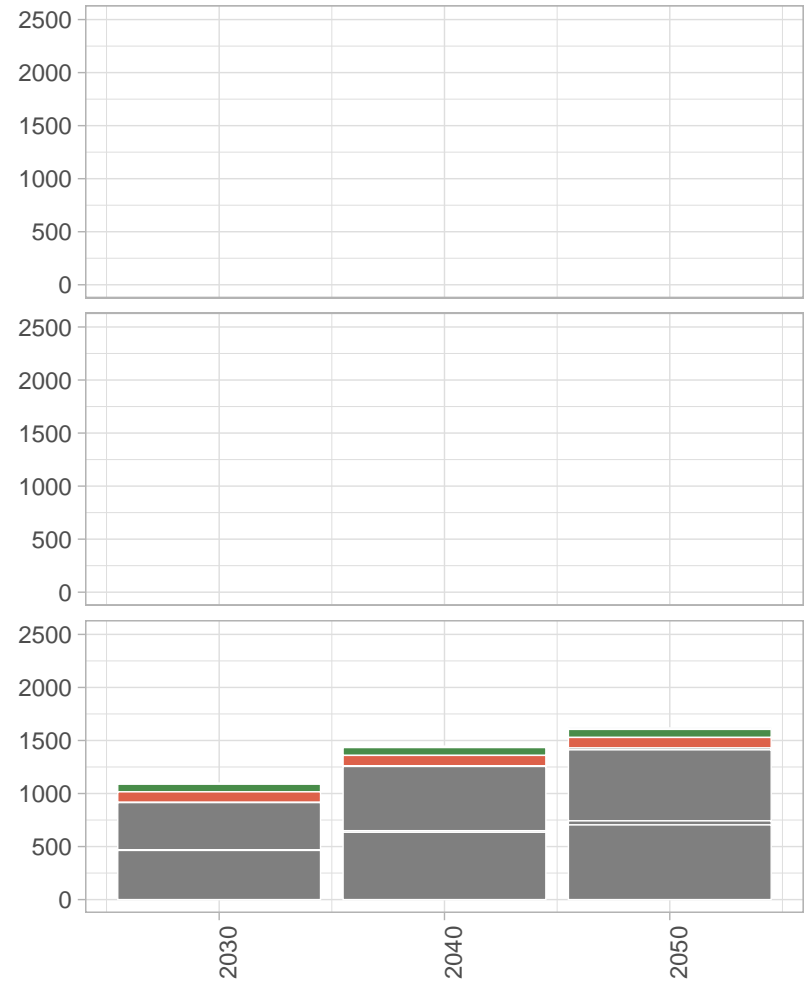
Electricity Capacity – Non-Combustion: United States

GCAM-PNNL

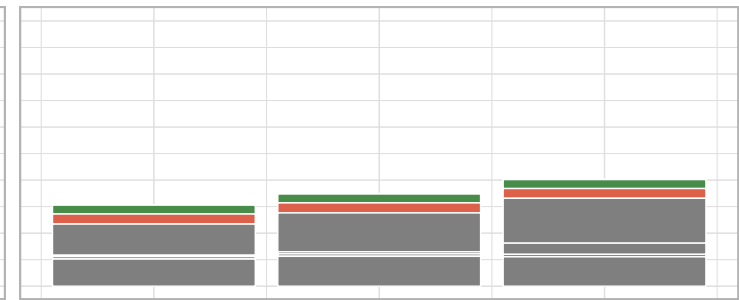
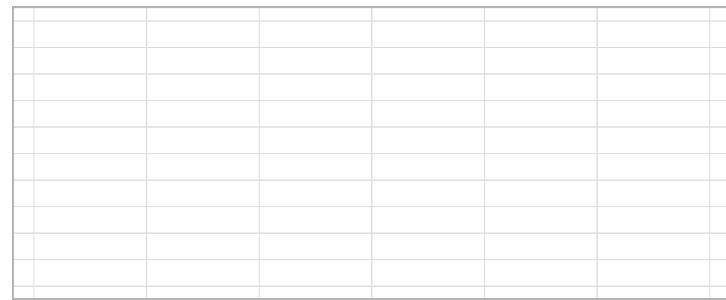
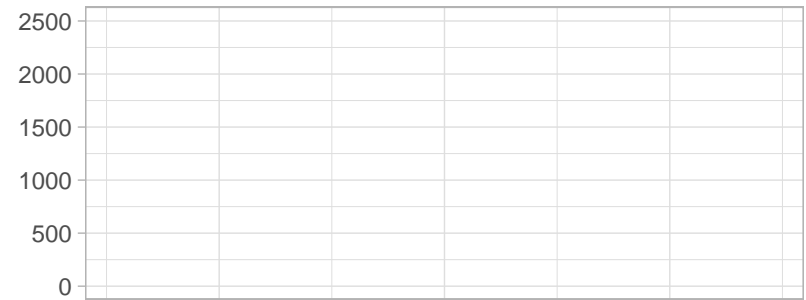
NEMS-OP

USREP-ReEDS

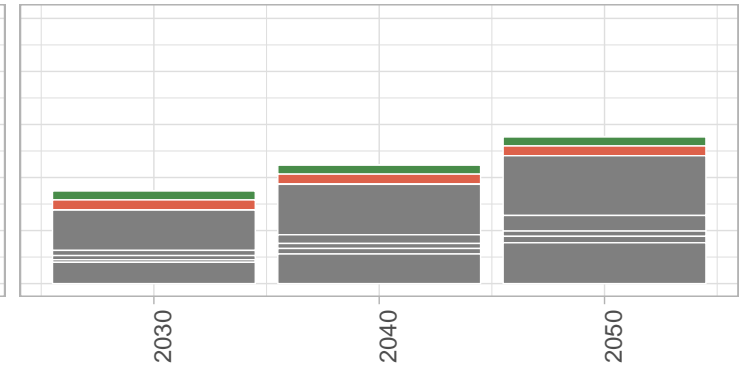
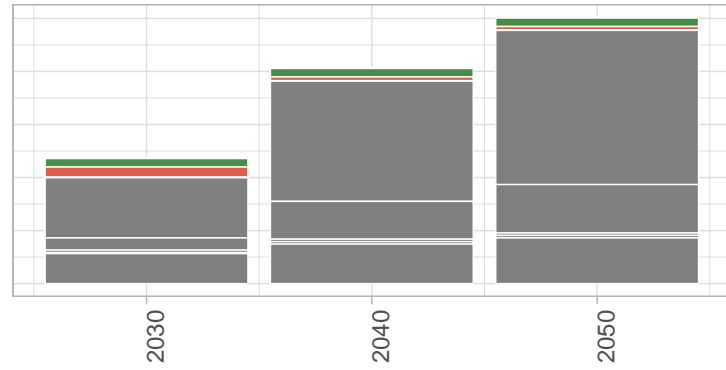
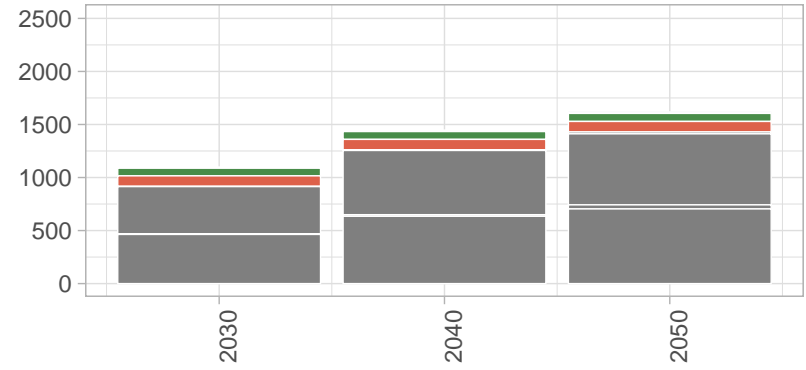
GW



wm



ref



IRA

- Geothermal
- Hydro
- Nuclear
- Other
- Solar CSP
- Solar PV
- Storage Battery
- Storage PSH
- Wind Offshore
- Wind Onshore

CO2 Emissions: United States

GCAM-PNNL

NEMS-OP

USREP-ReEDS

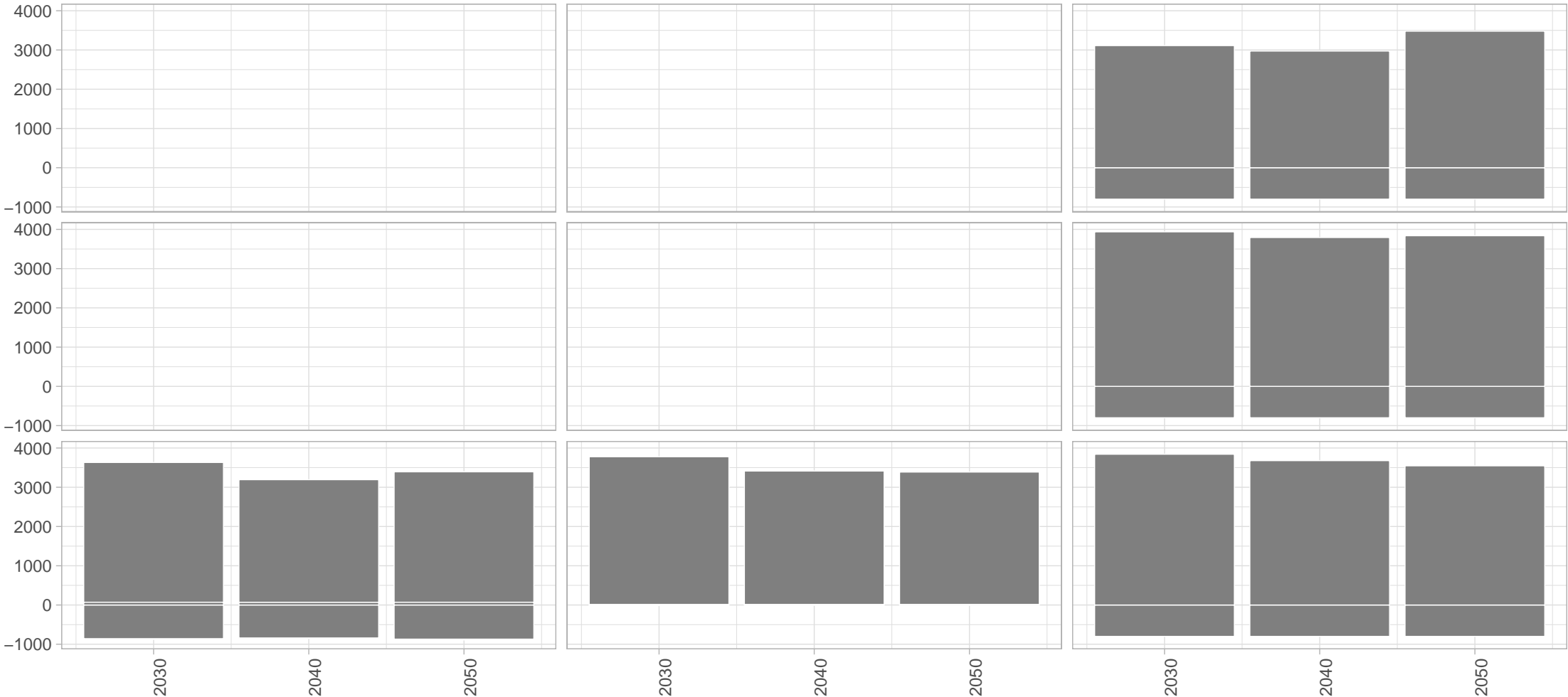
Mt CO2/yr

wm

ref

IRA

- BECCS
- Biofeedstock
- Energy
- Industrial Processes
- LULUCF
- Other



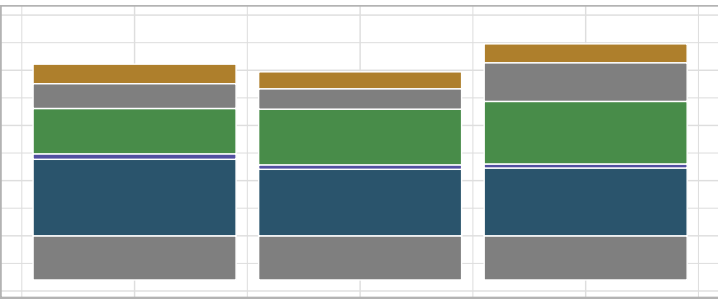
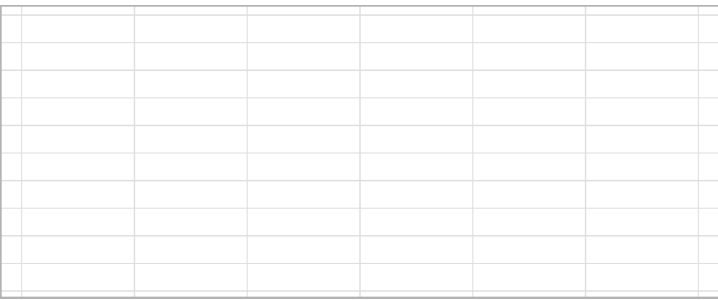
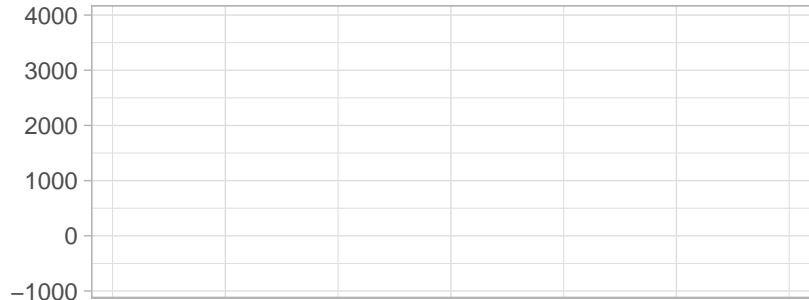
Sectoral CO2 Emissions: United States

GCAM-PNNL

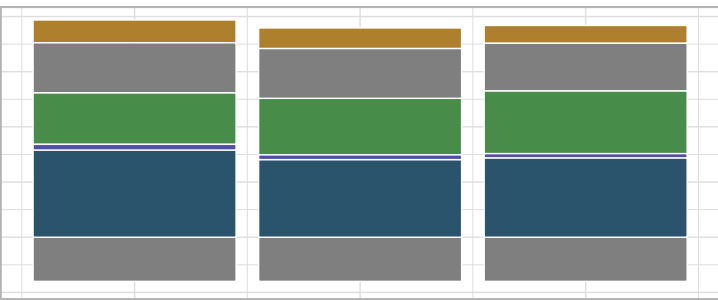
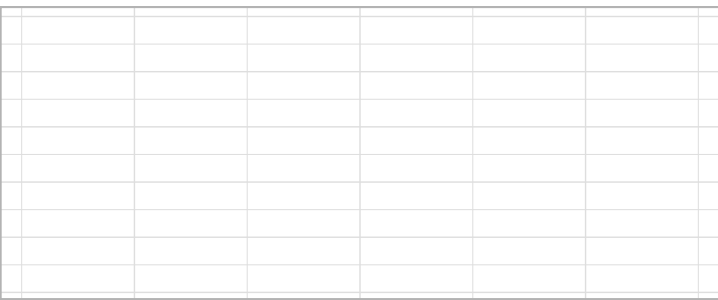
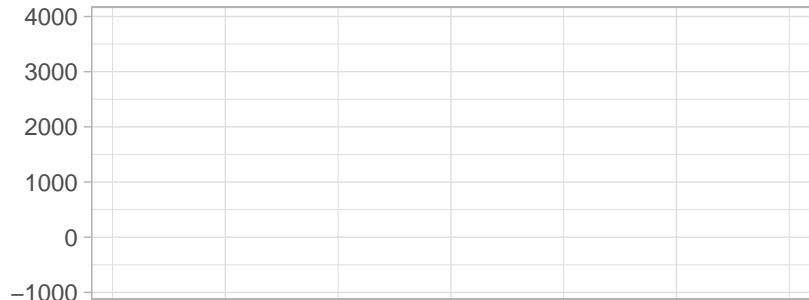
NEMS-OP

USREP-ReEDS

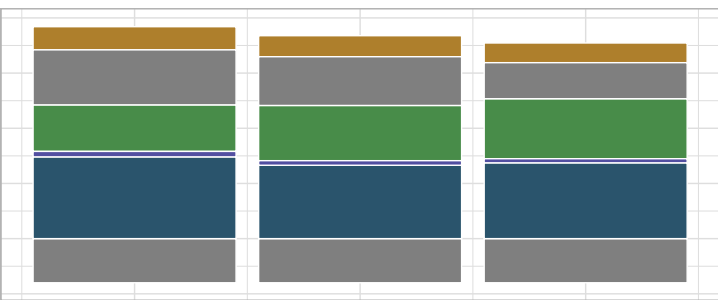
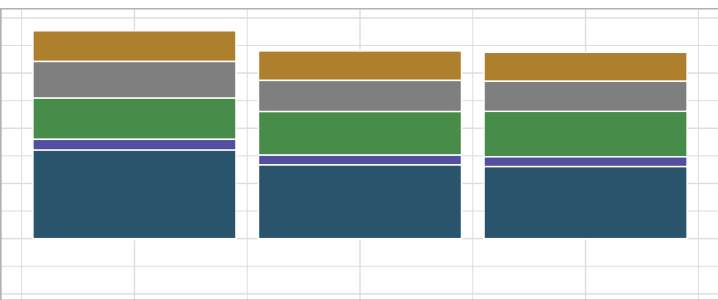
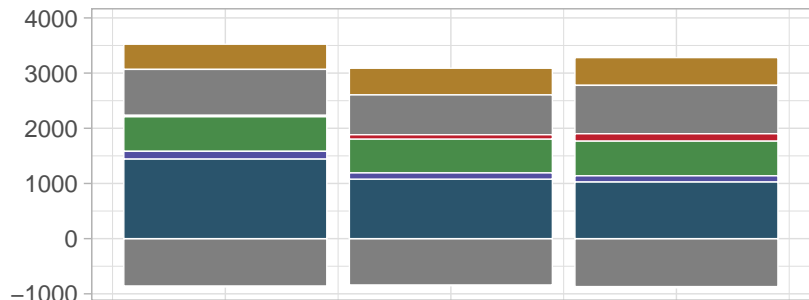
Mt CO2/yr



w/m



ref



IRA

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

Sectoral CO2 Emissions (2050): United States

