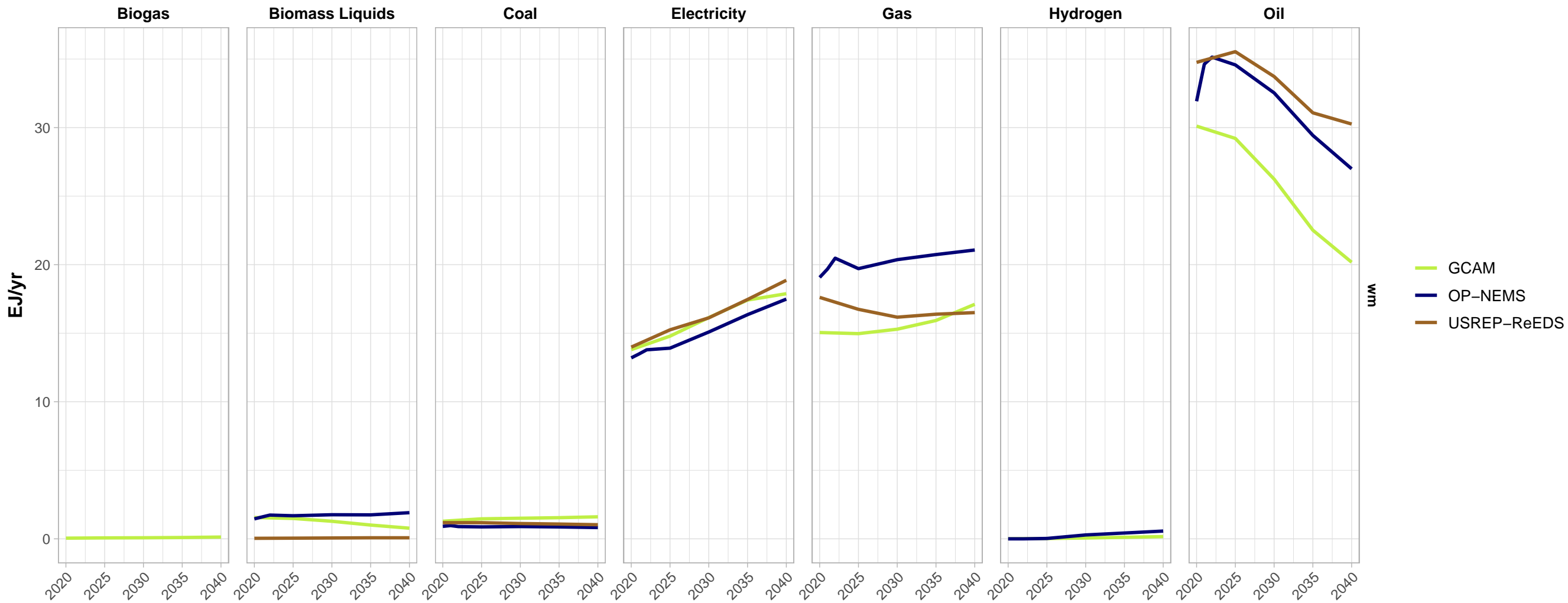
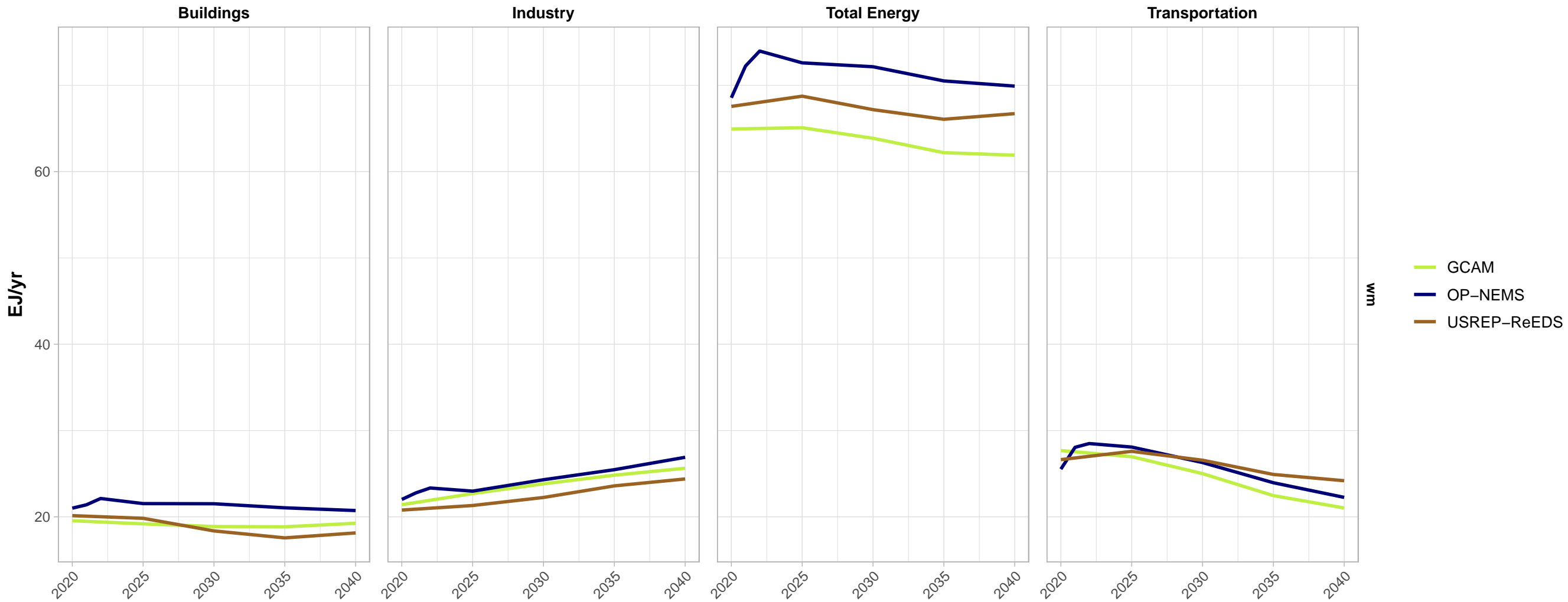


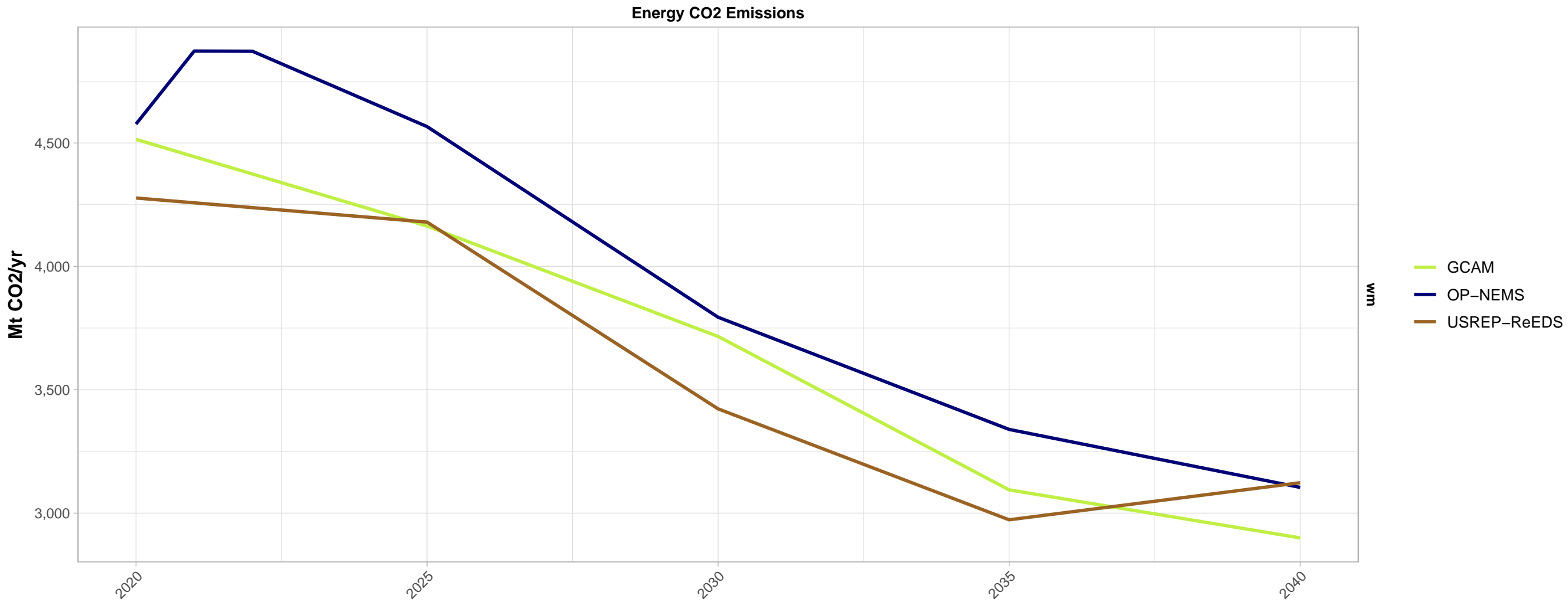
# Final Energy by Fuel – Electricity: United States



# Final Energy by Sector: United States

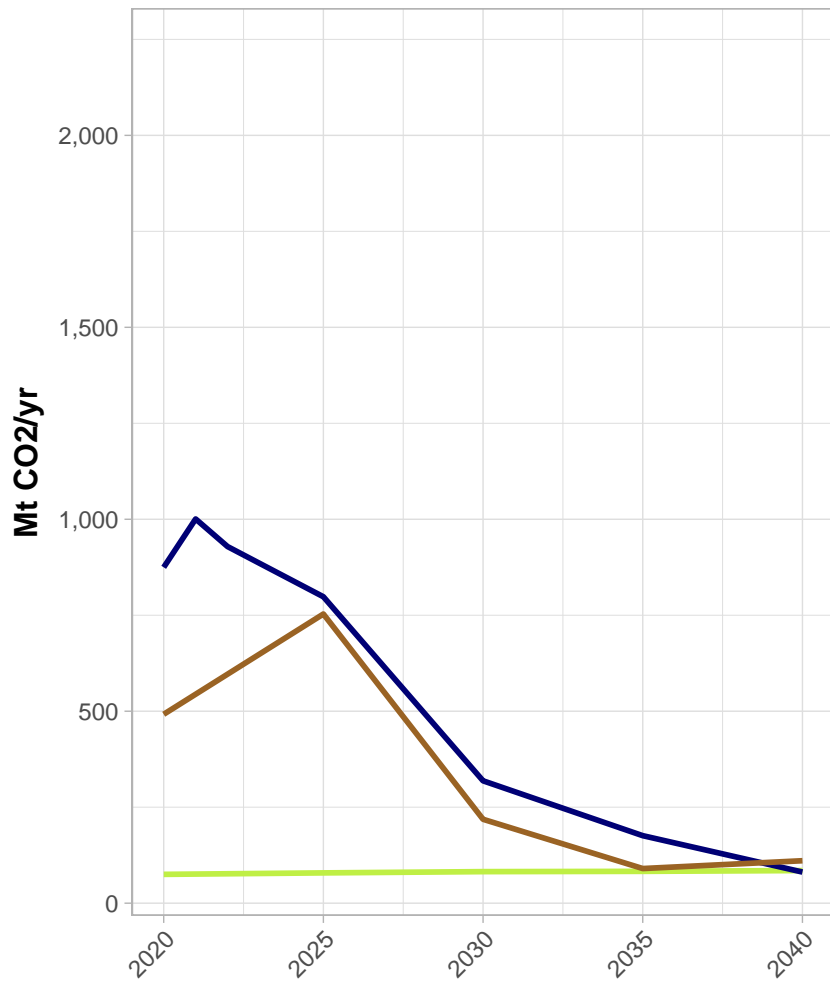


Energy-Related CO2 Emissions: United States

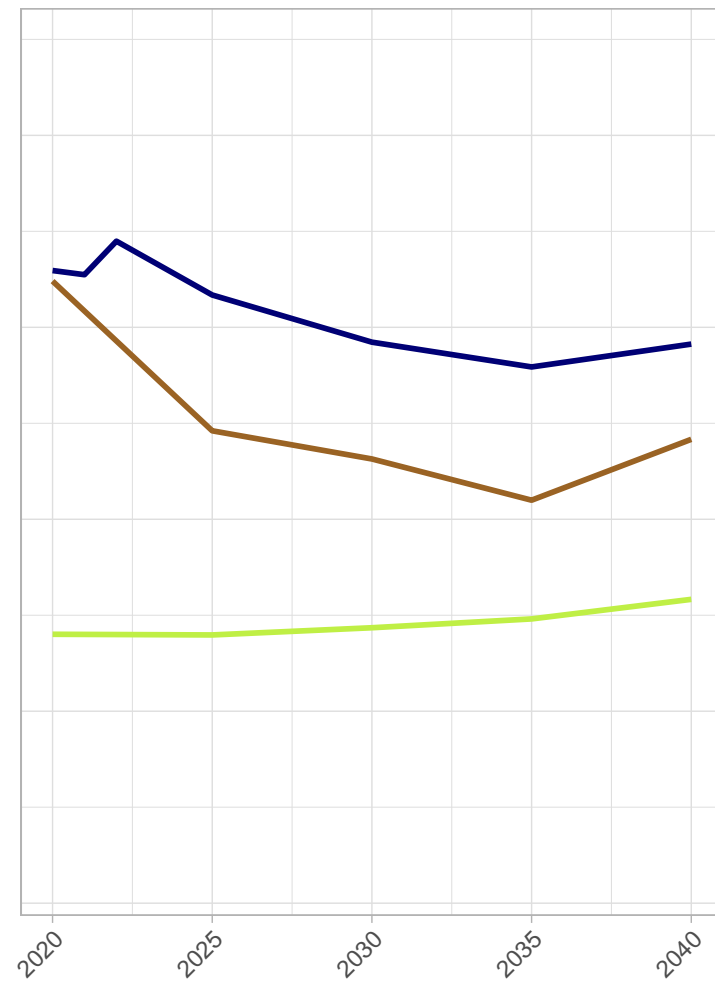


# Fossil Emissions: United States

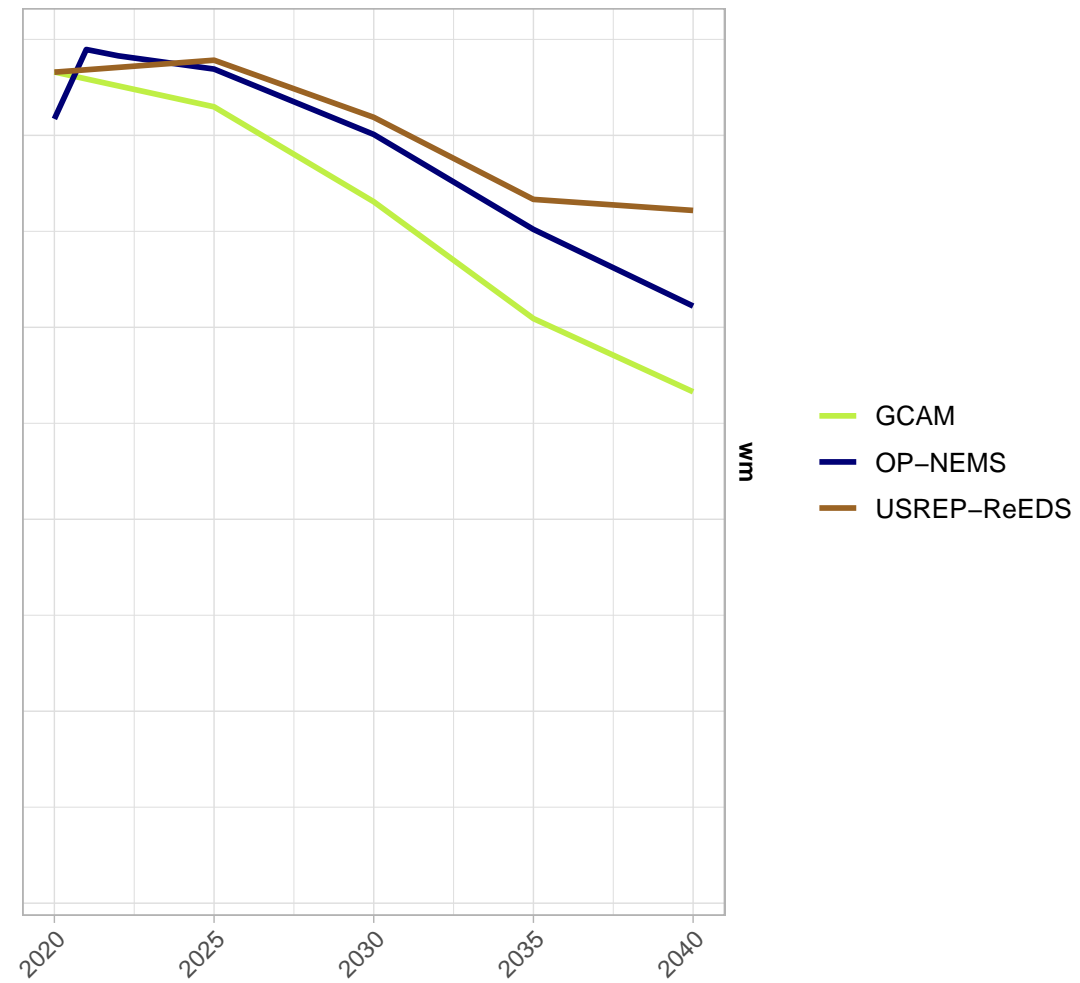
## Coal



## Gas

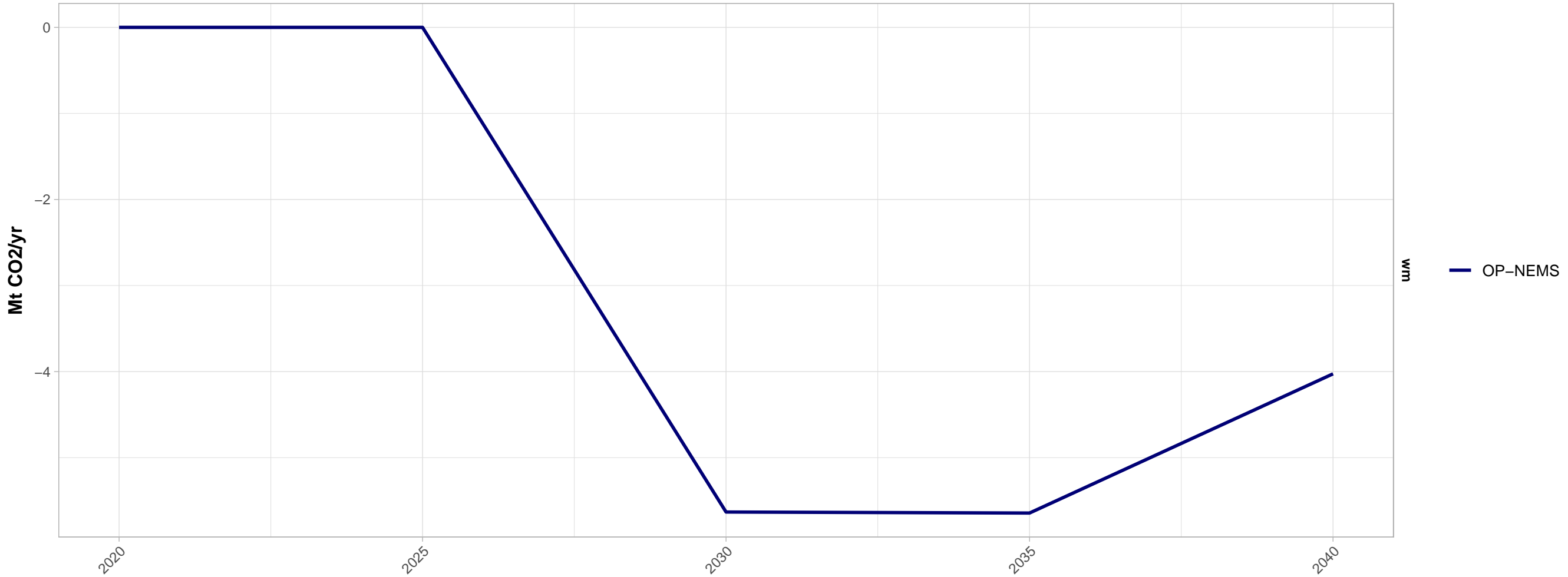


## Oil



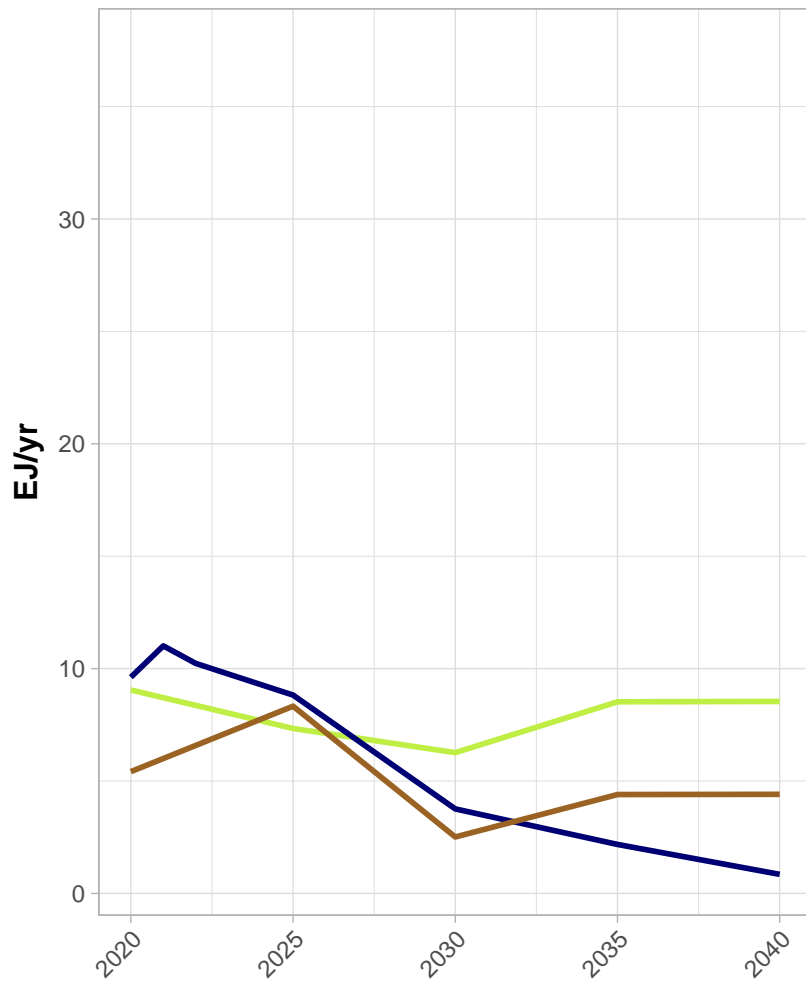
Bioenergy-related sequestration: United States

BECCS

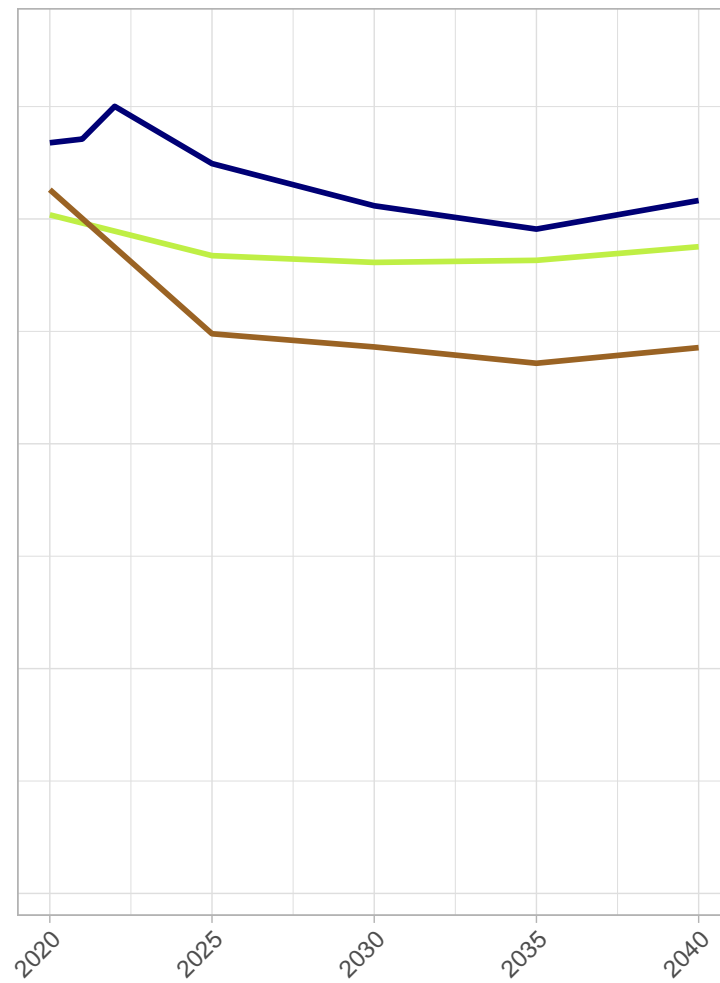


# Primary Energy Fossil: United States

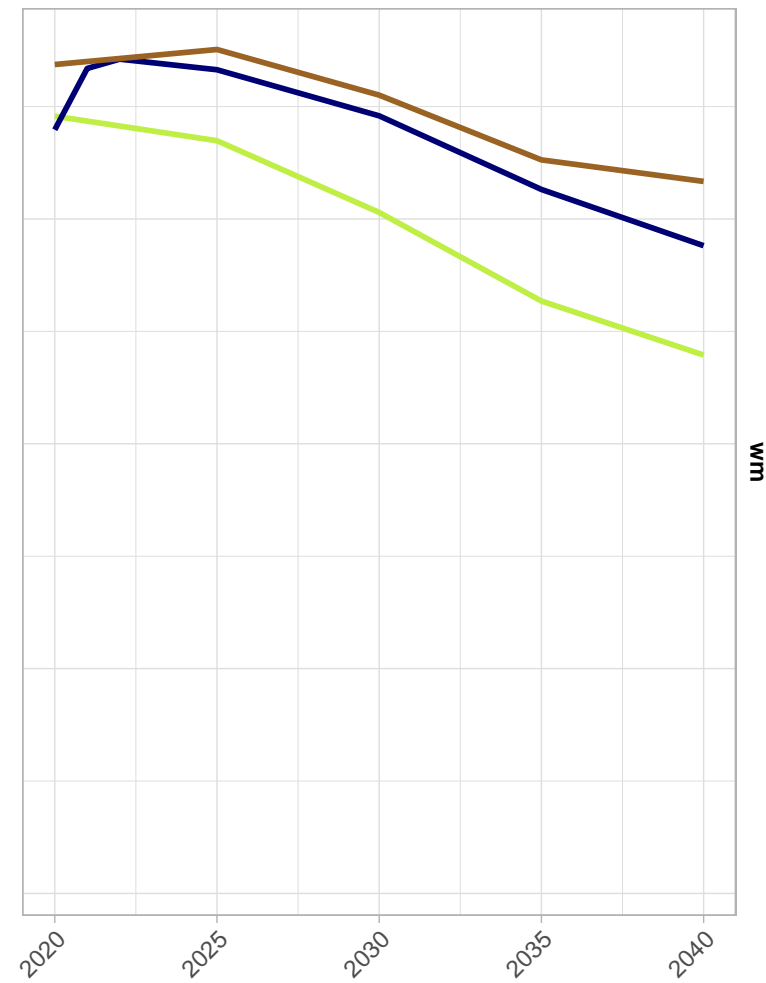
## Coal



## Gas

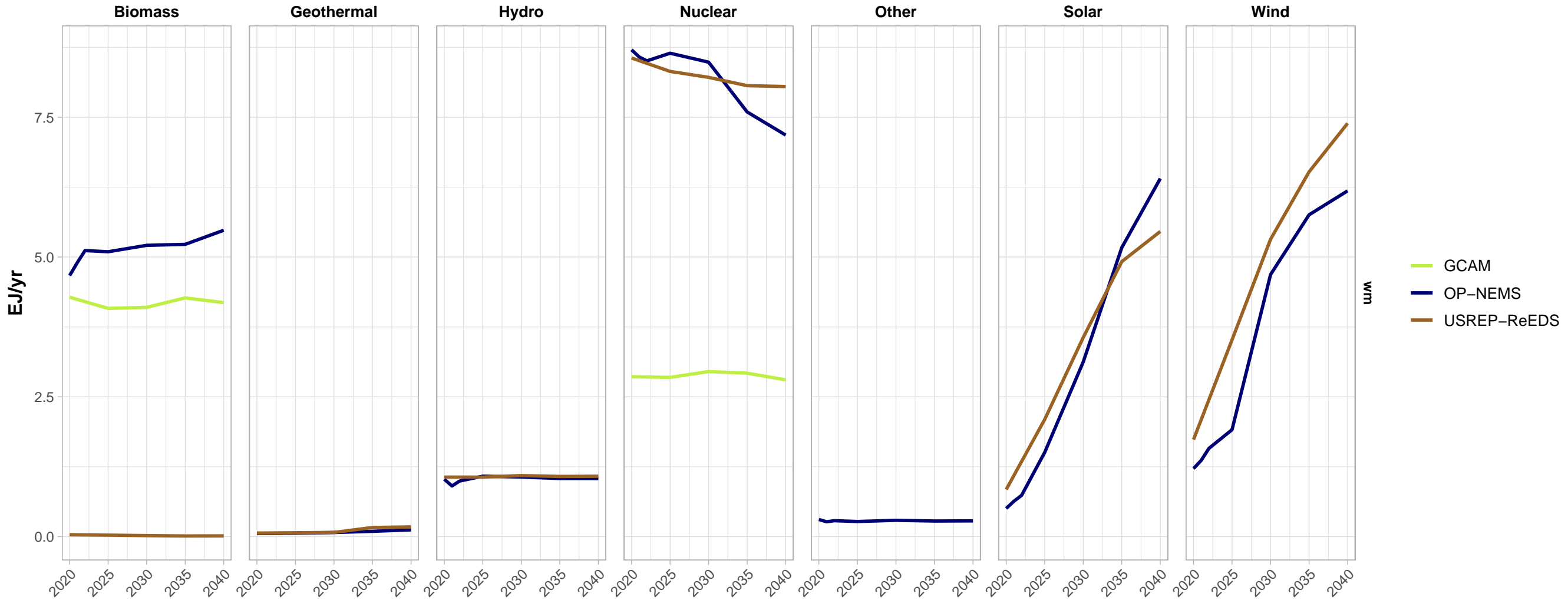


## Oil

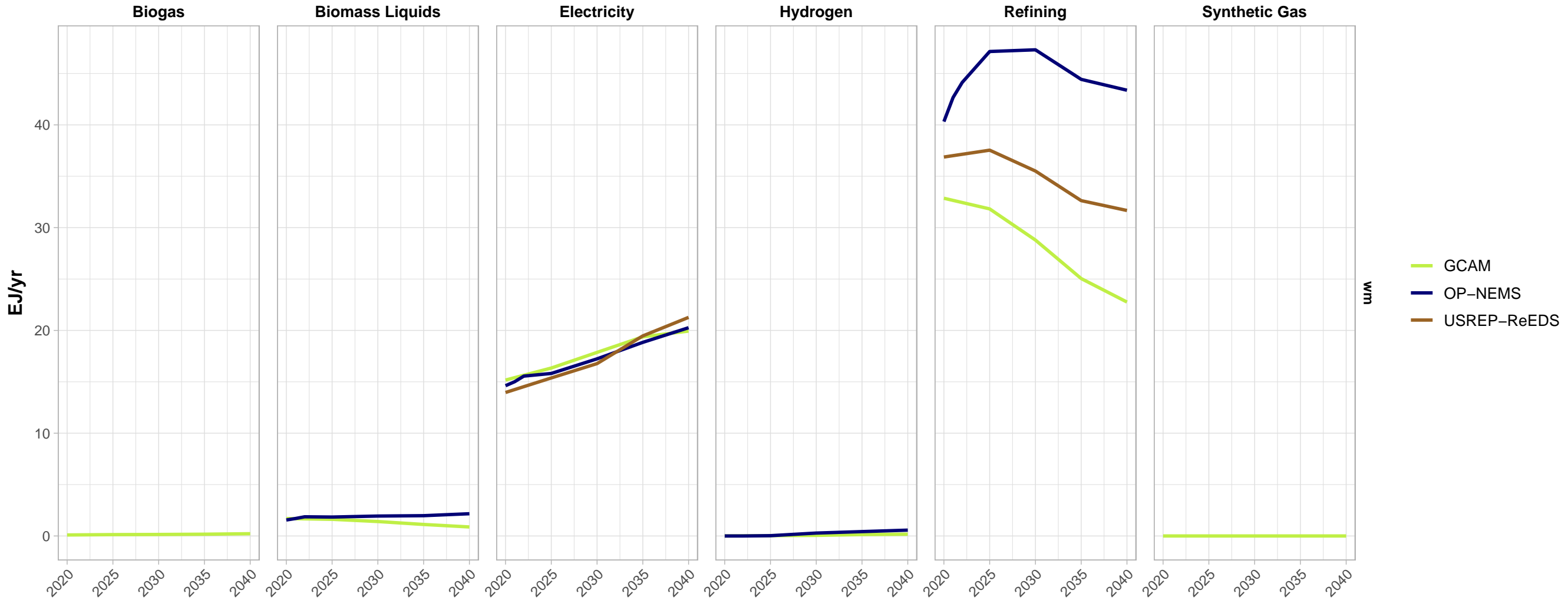


GCAM  
OP-NEMS  
USREP-ReEDS

# Primary Energy Non-Fossil: United States

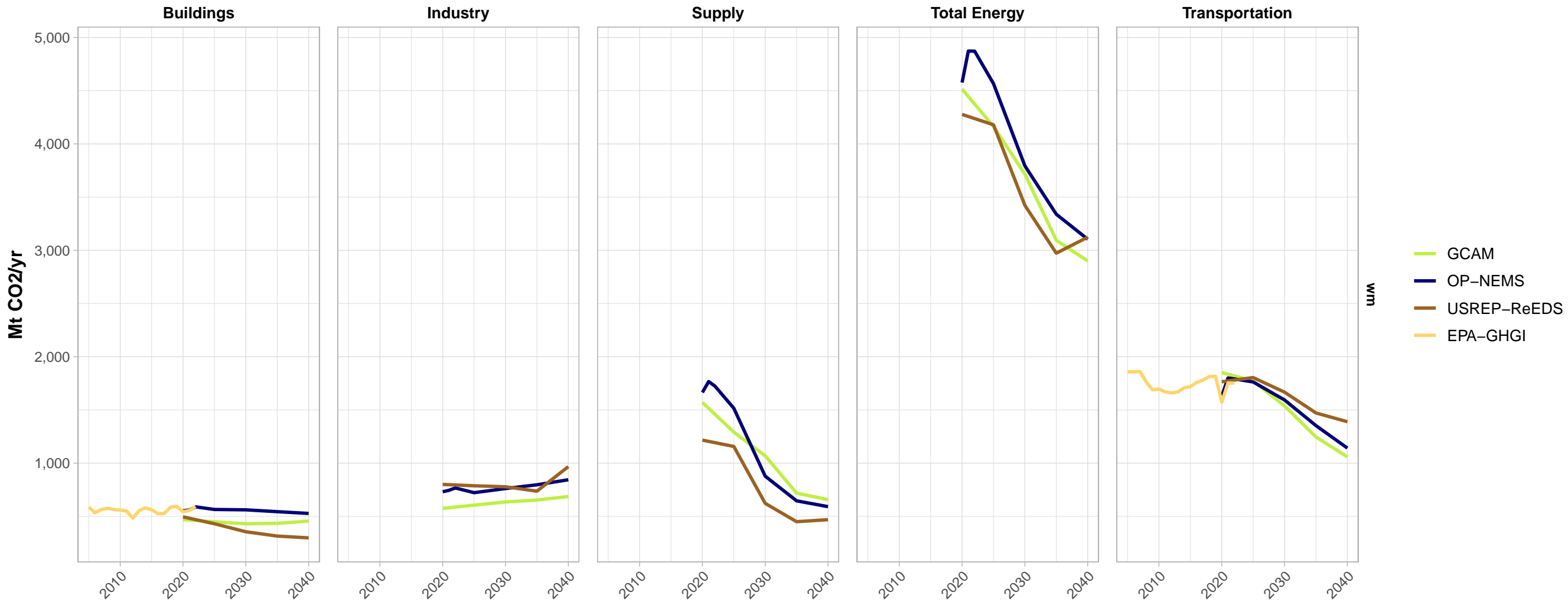


# Secondary Energy: United States

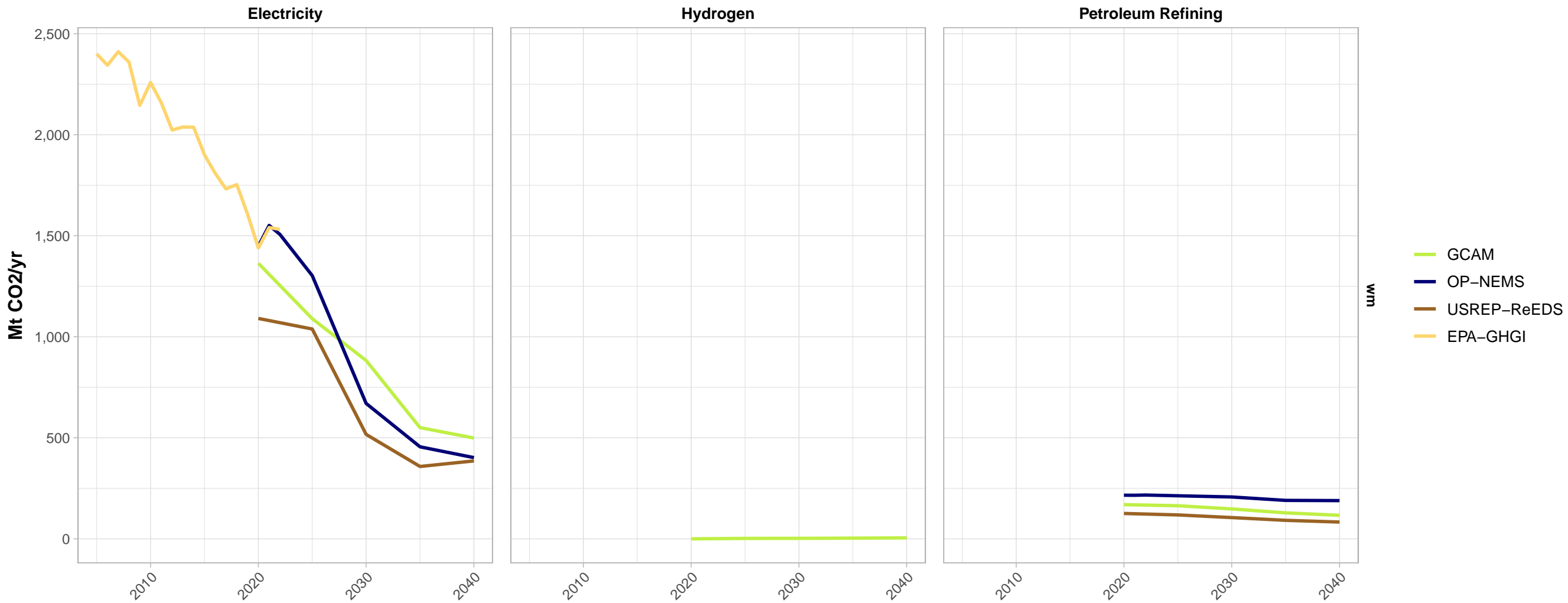




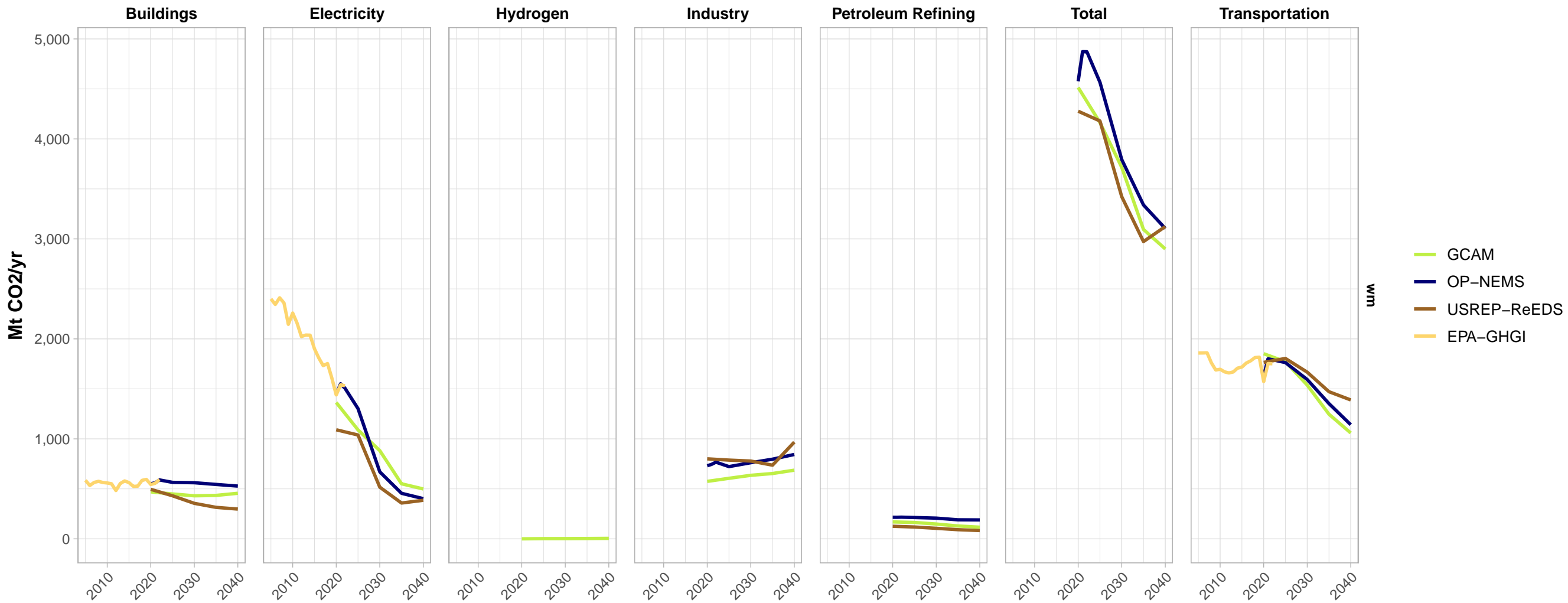
# Energy CO2 Emissions Accounting: United States



# Energy Supply CO2 Emissions: United States

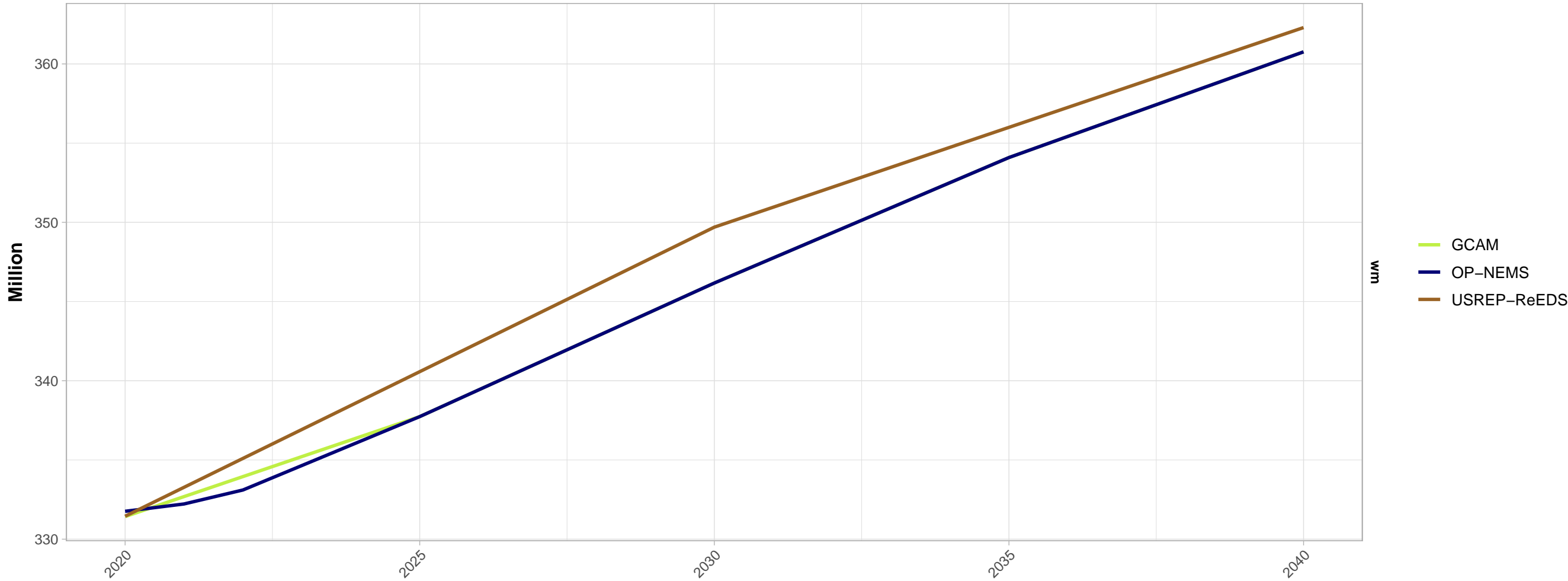


# Energy CO2 Emissions Accounting – supply breakout: United States



Population: United States

Population



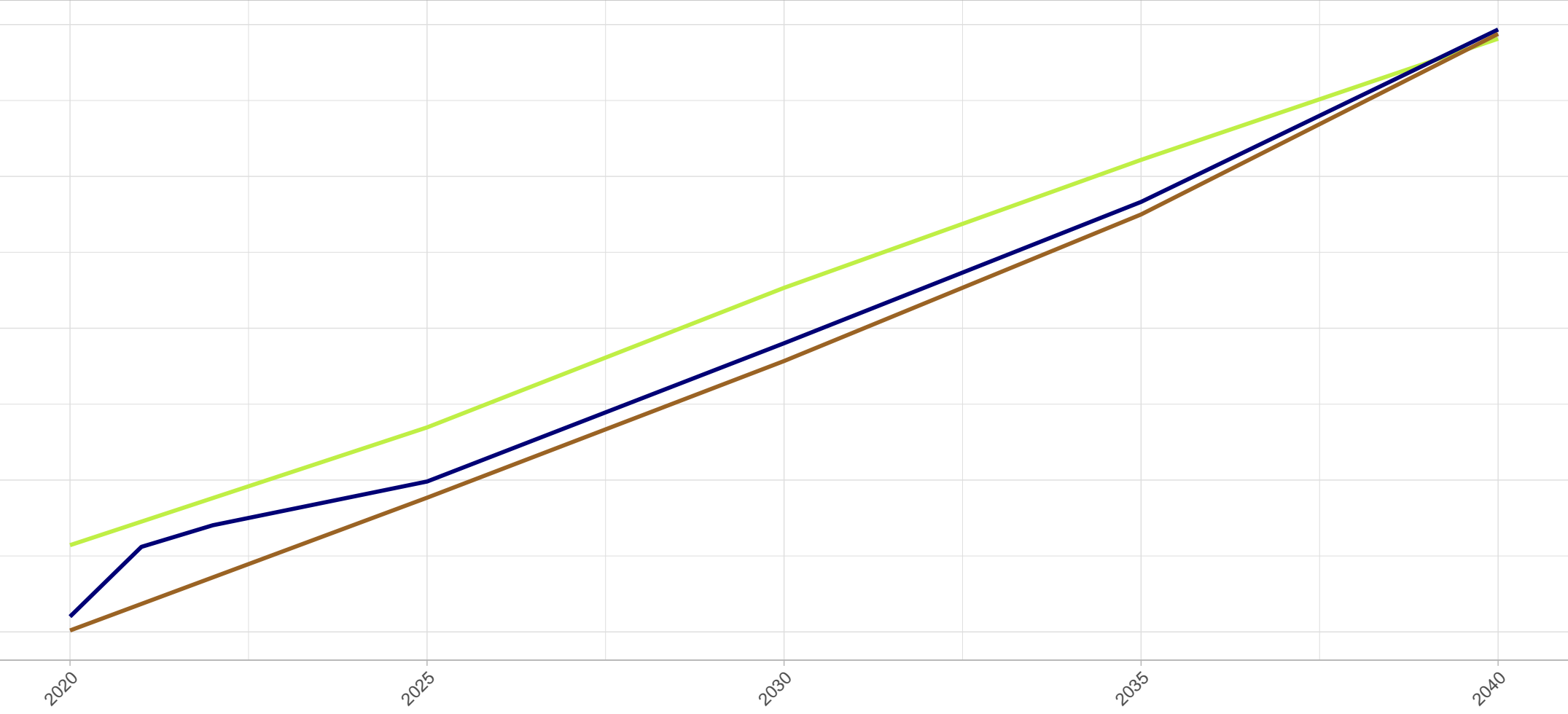
GDP: United States

GDP

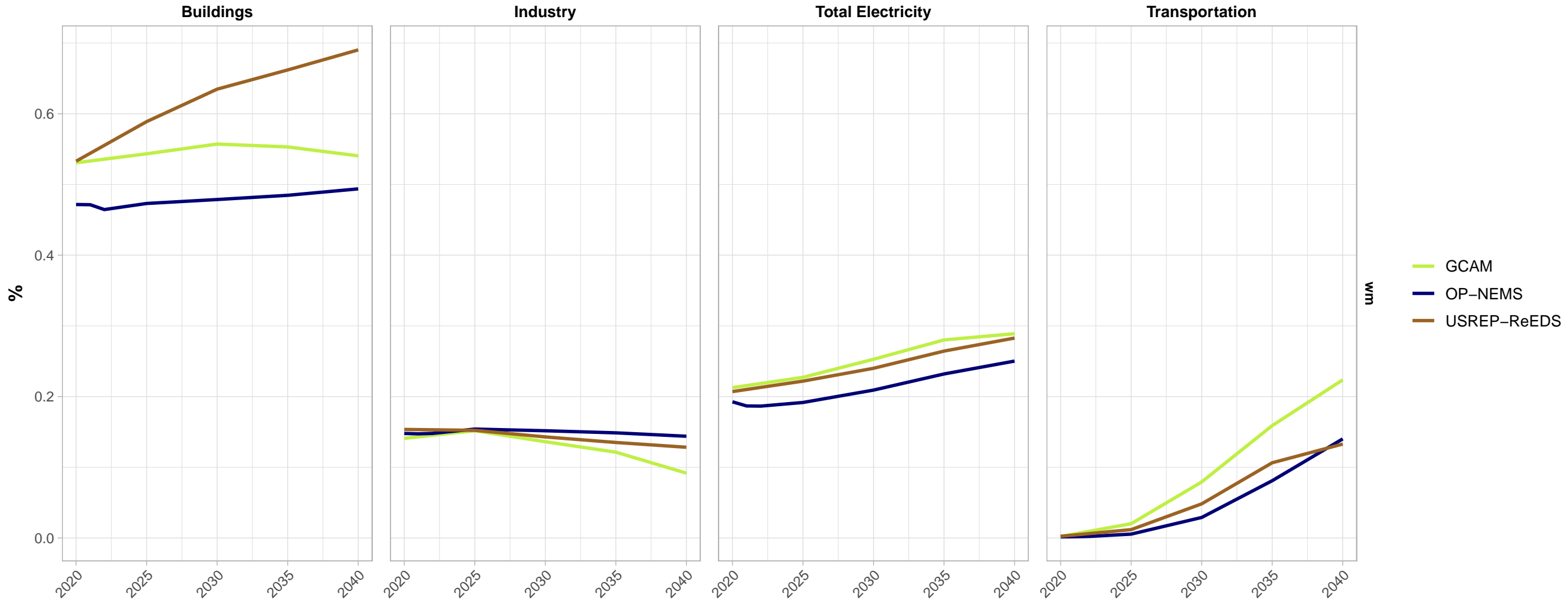
billion US\$2018/yr

WM

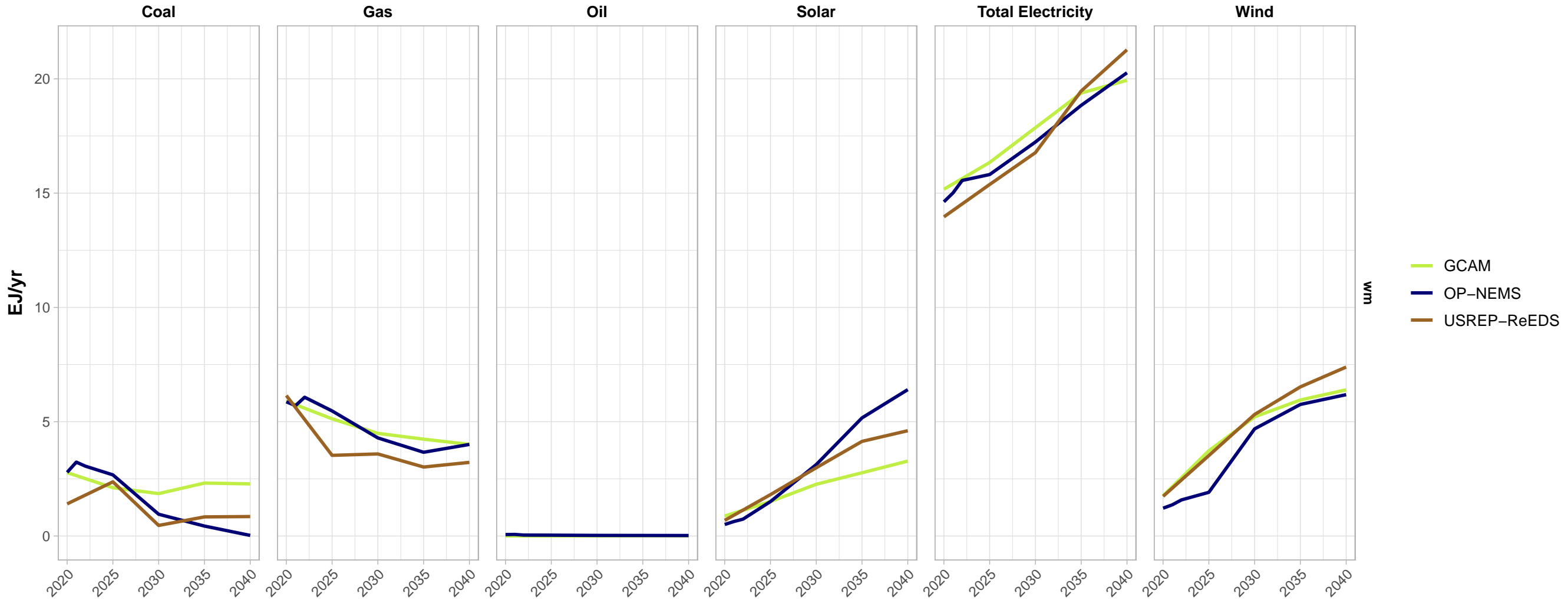
- GCAM
- OP-NEMS
- USREP-ReEDS



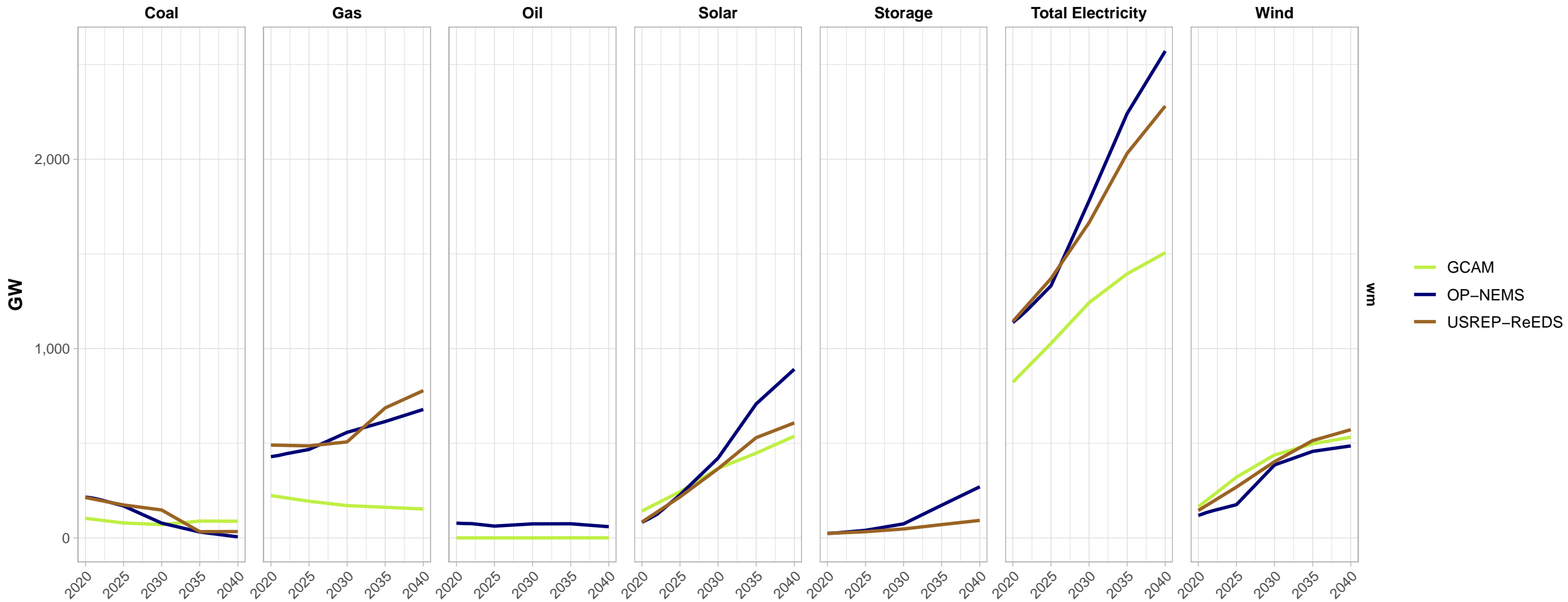
# Final Energy by Sector – Percent Electricity: United States



# Electricity Generation: United States

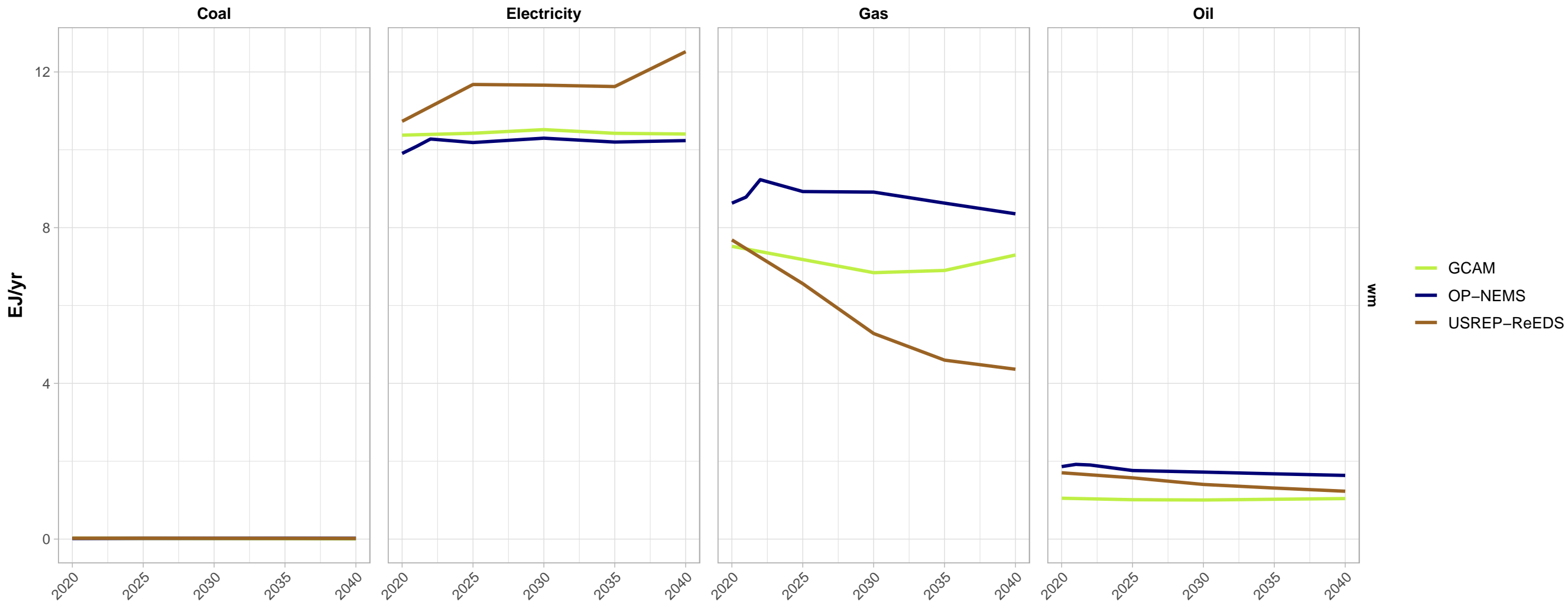


# Electricity Capacity: United States

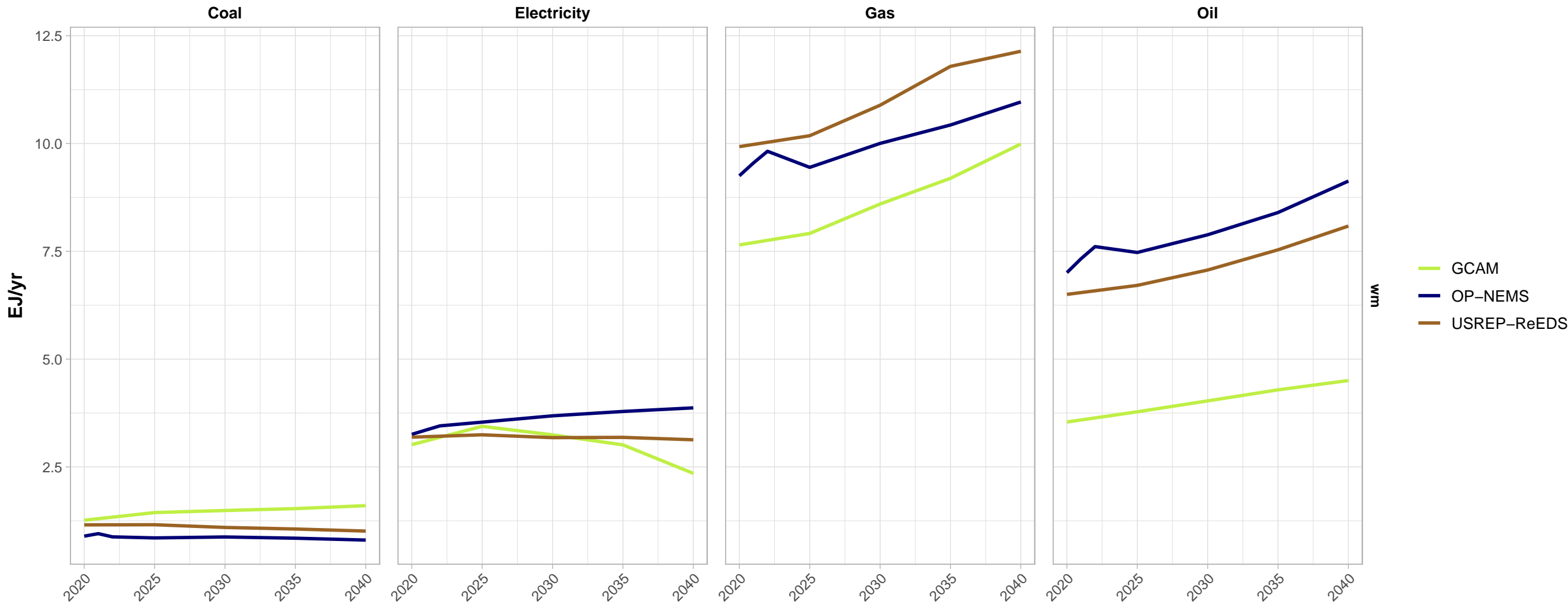




# Final Energy – Buildings: United States

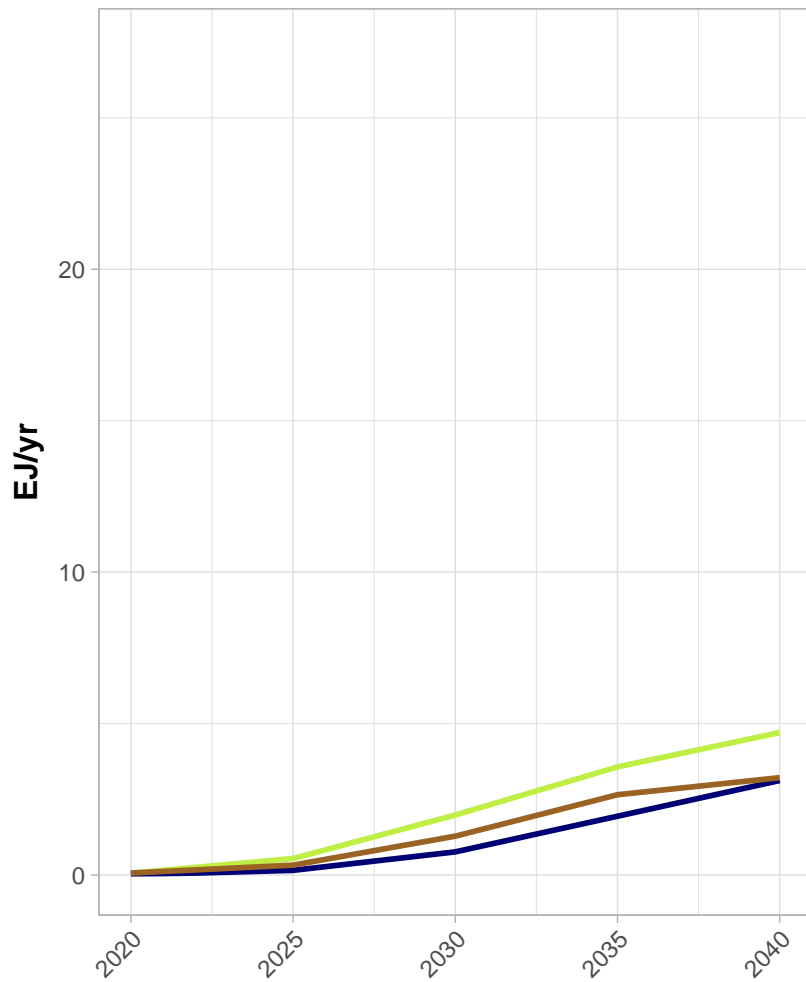


# Final Energy – Industry: United States

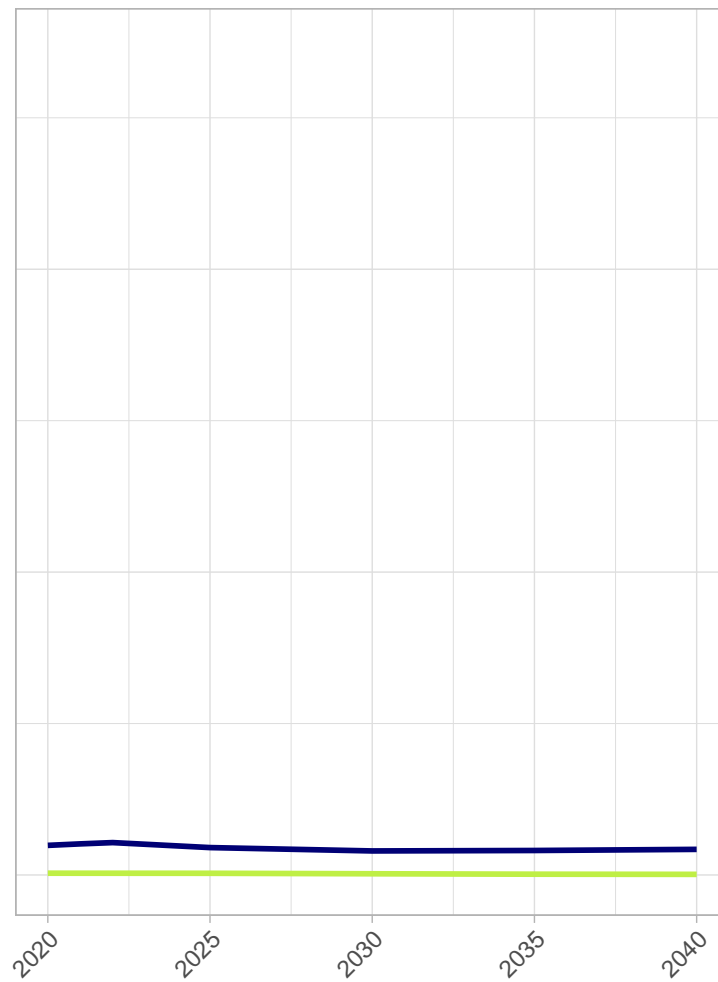


# Final Energy – Transportation: United States

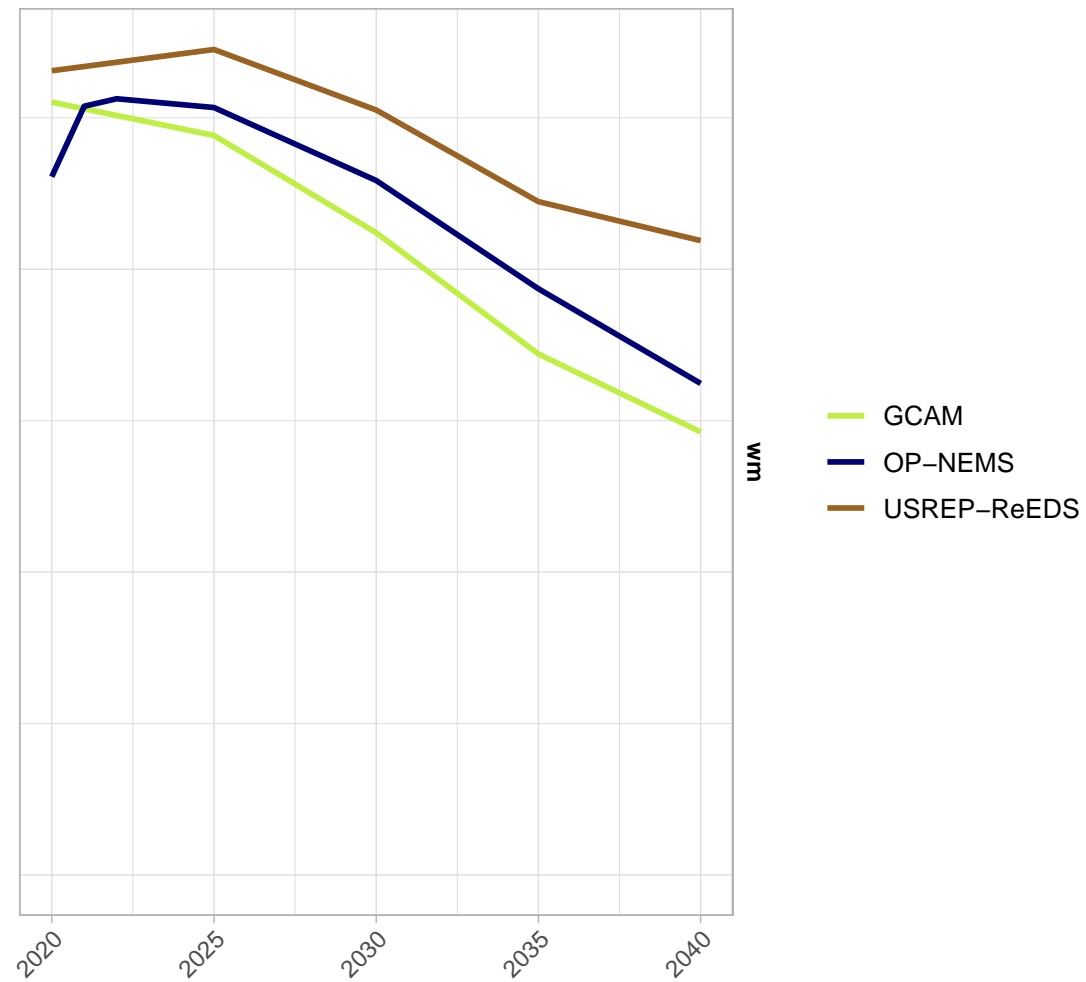
## Electricity



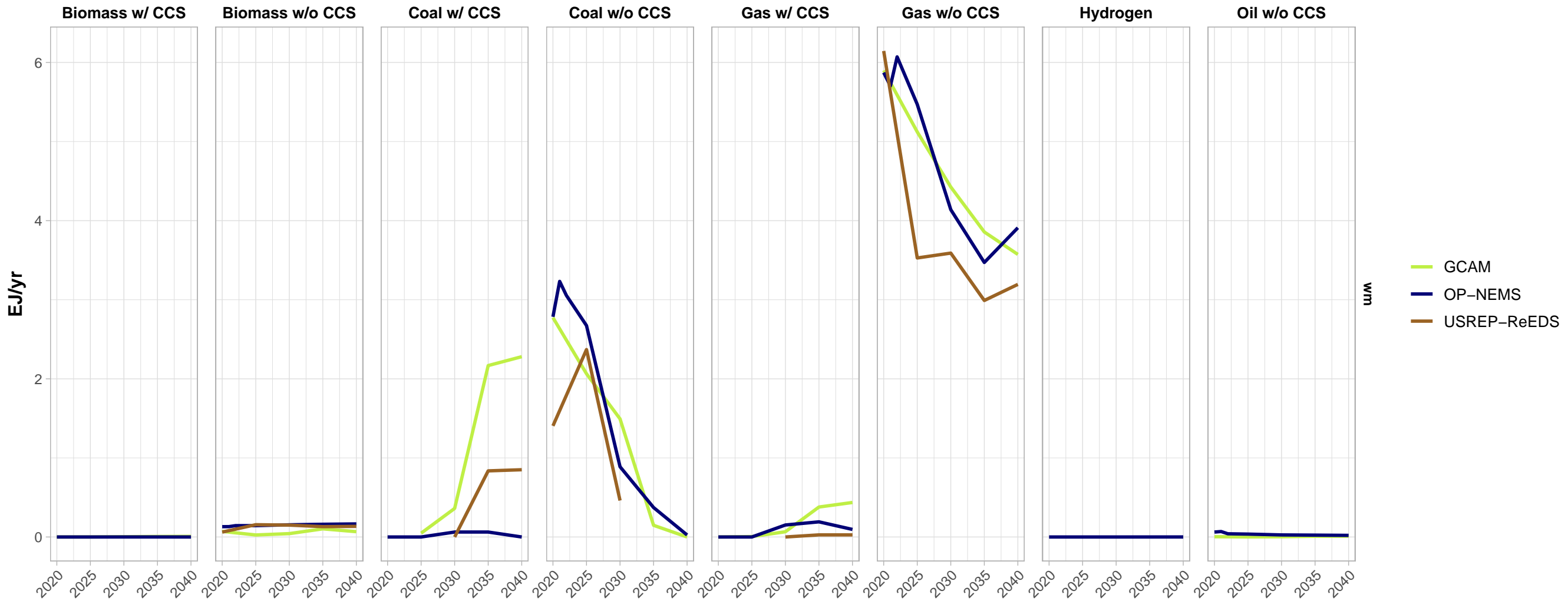
## Gas



## Oil

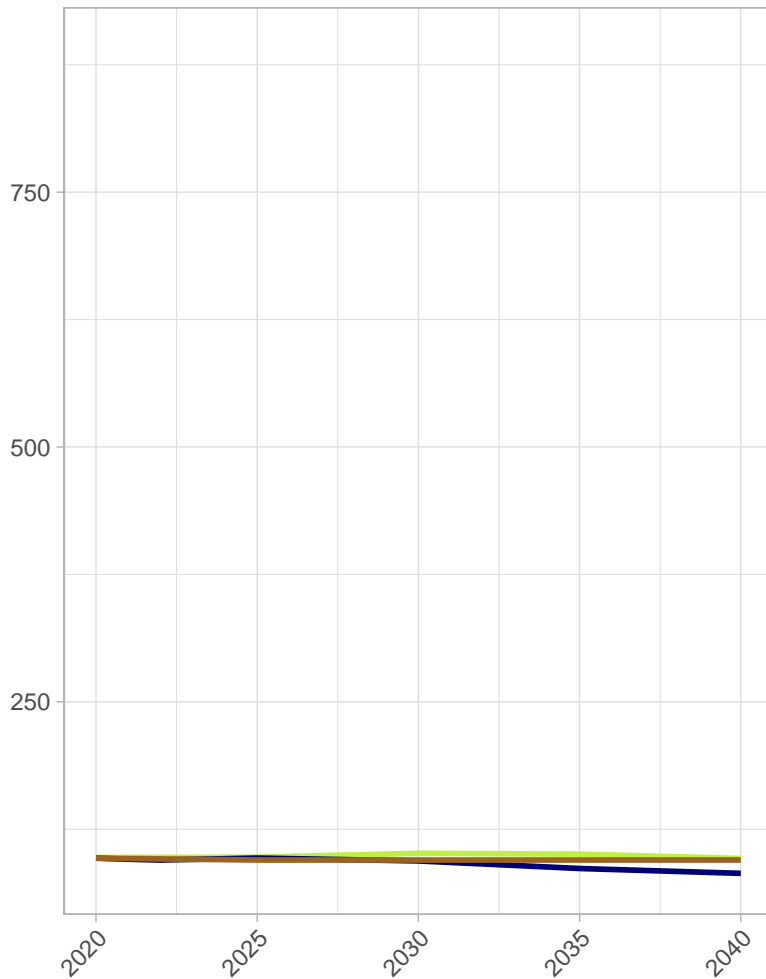


Electricity Generation – Combustion: United States

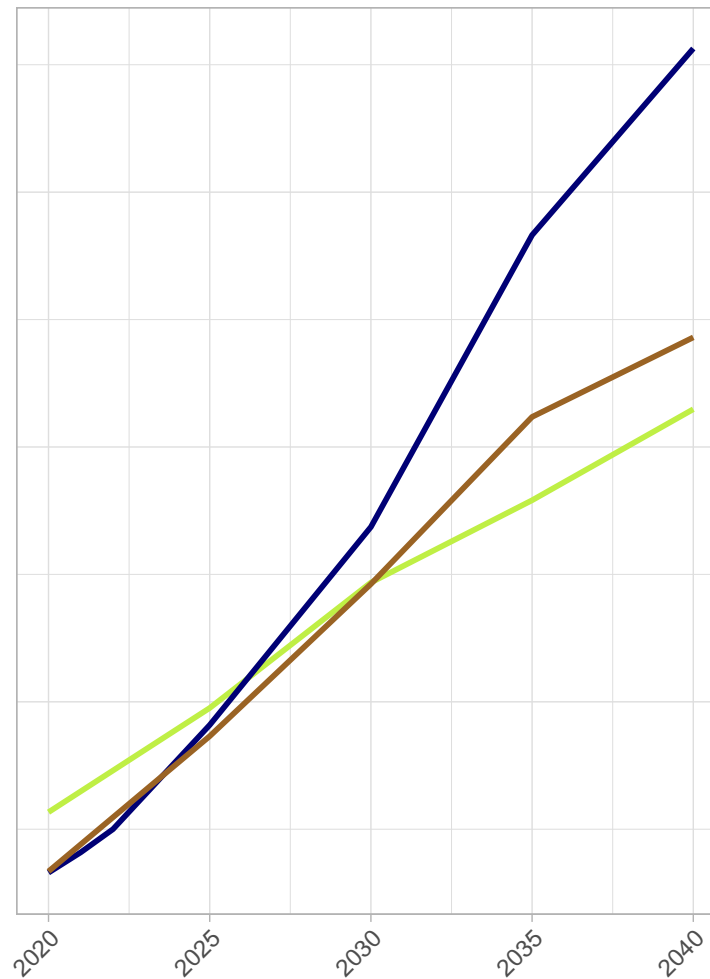


# Electricity Capacity – Non-Combustion: United States

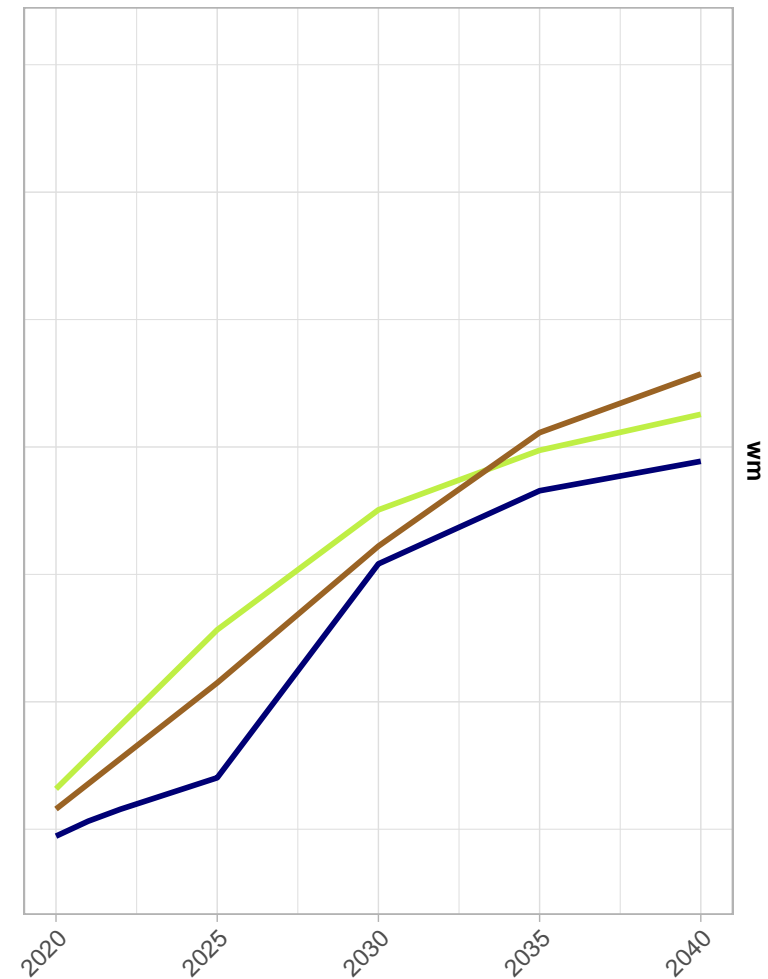
## Nuclear



## Solar

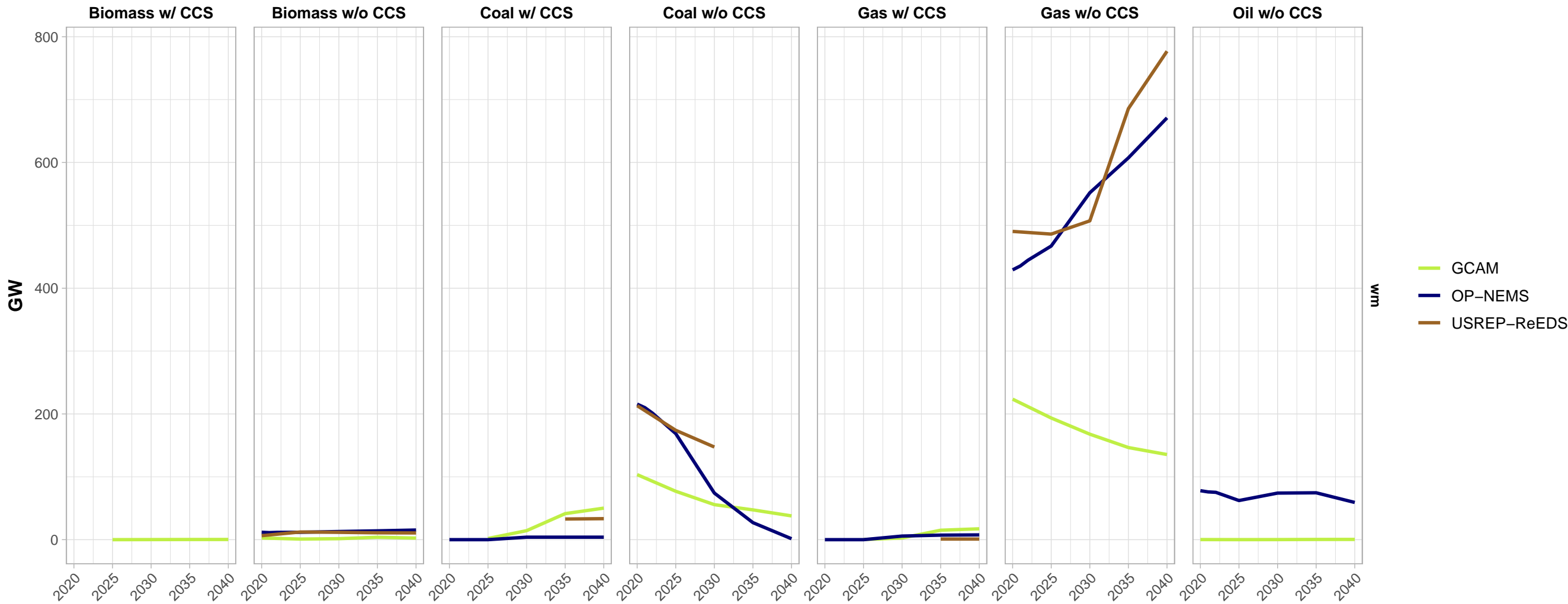


## Wind

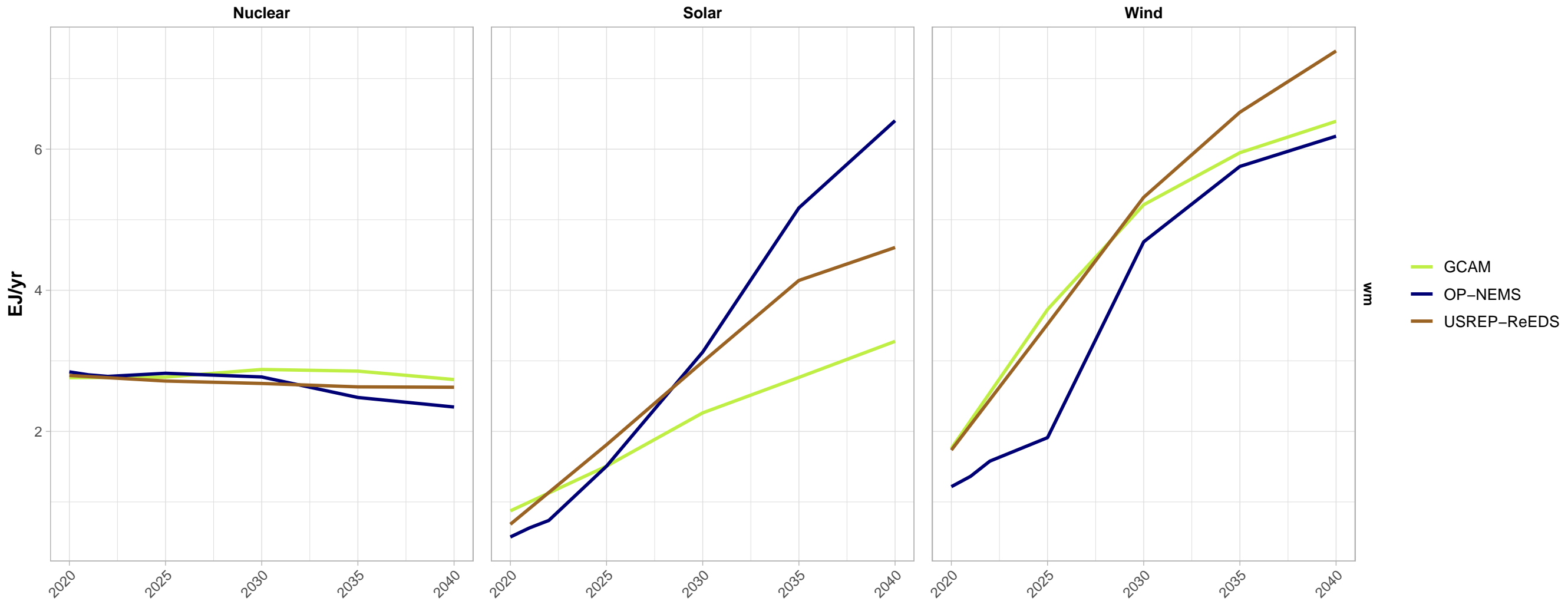


GCAM  
OP-NEMS  
USREP-ReEDS

# Electricity Capacity – Combustion: United States



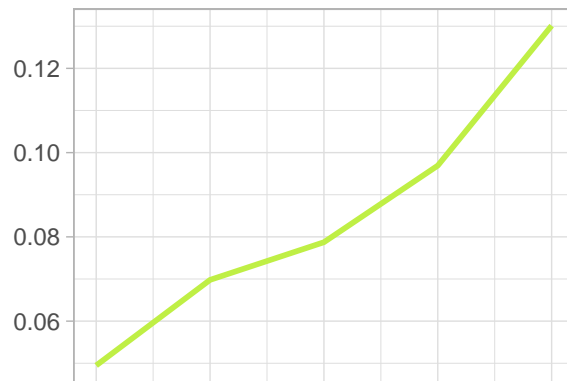
Electricity Generation – Non-Combustion: United States



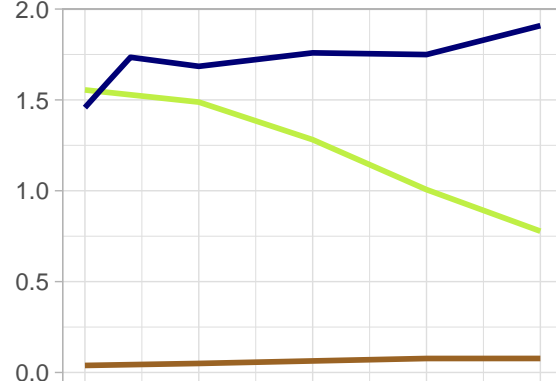
# Final Energy by Fuel – Electricity: United States

EJ/yr

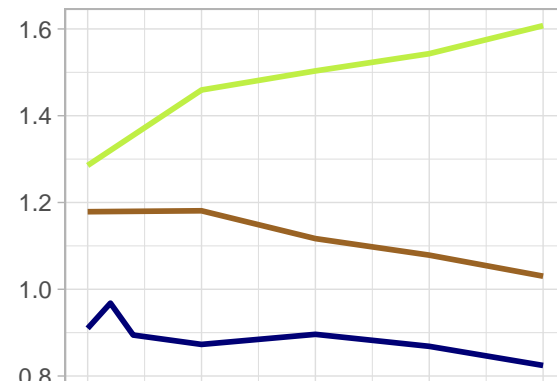
wm  
Biogas



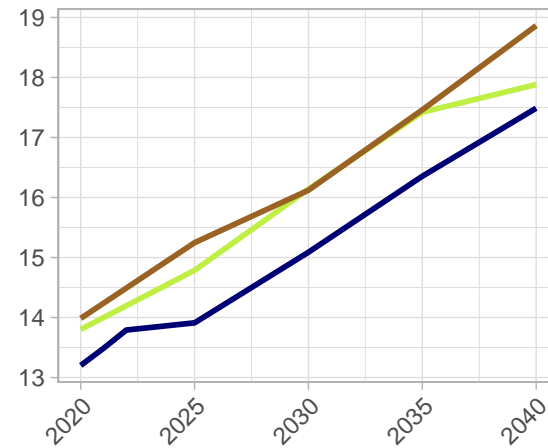
wm  
Biomass Liquids



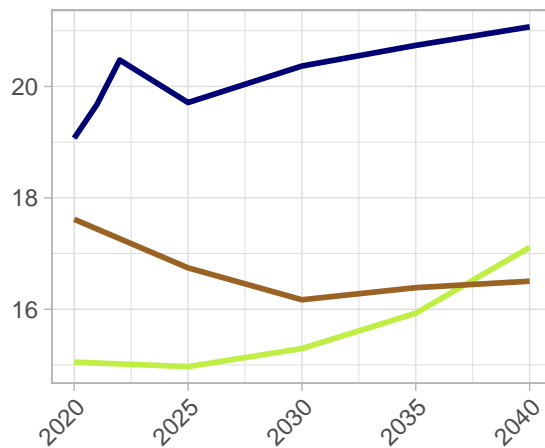
wm  
Coal



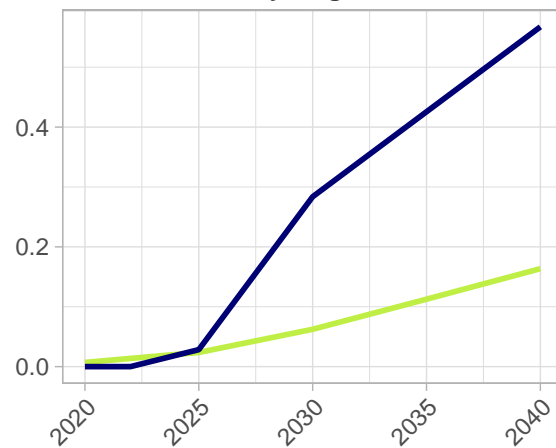
wm  
Electricity



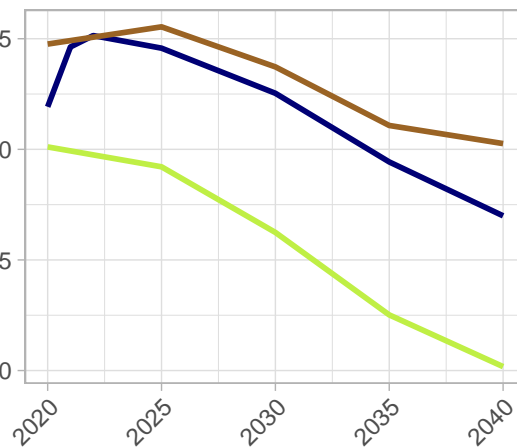
wm  
Gas



wm  
Hydrogen



wm  
Oil



GCAM  
OP-NEMS  
USREP-ReEDS



# Secondary Energy: United States

EJ/yr

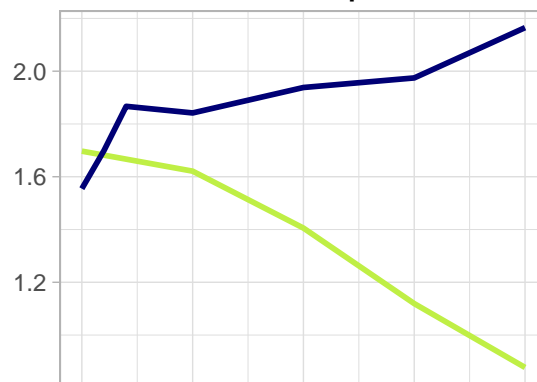
wm

Biogas



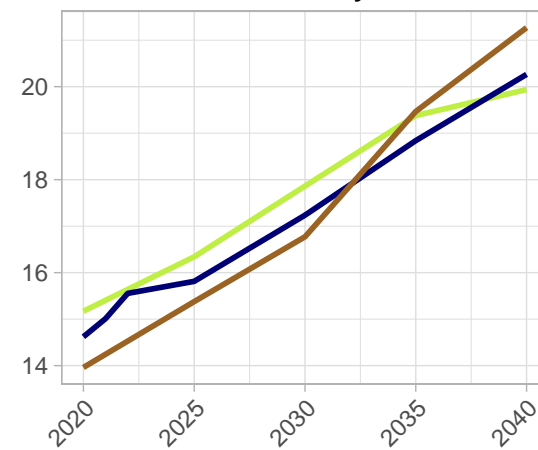
wm

Biomass Liquids



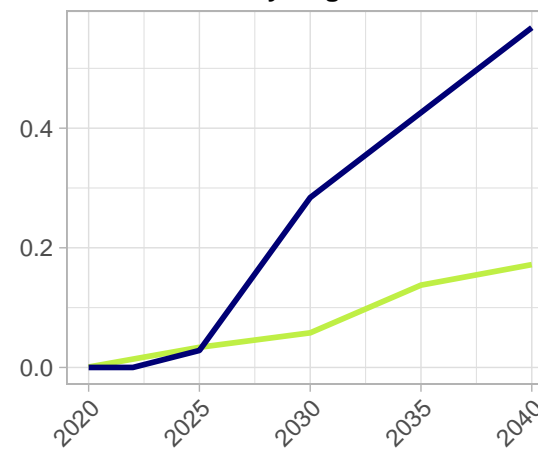
wm

Electricity



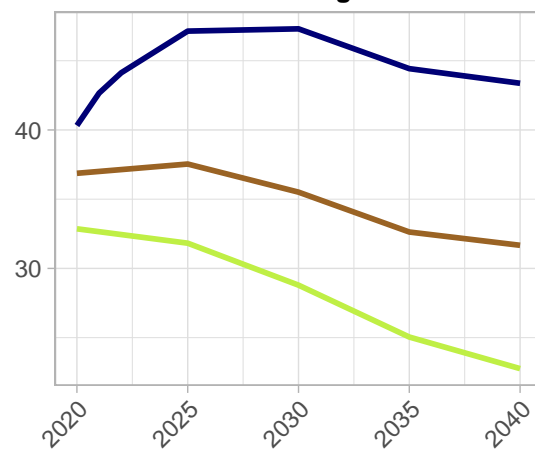
wm

Hydrogen



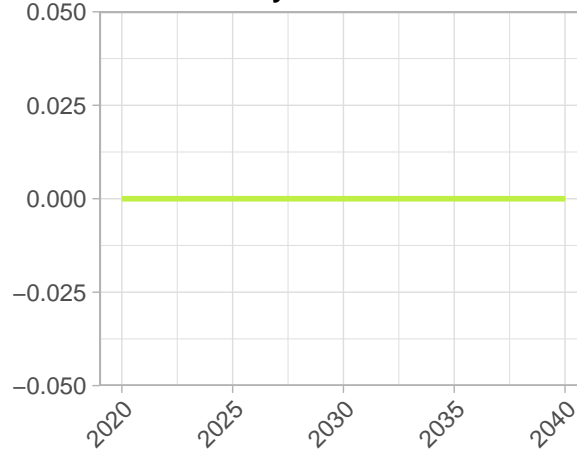
wm

Refining



wm

Synthetic Gas



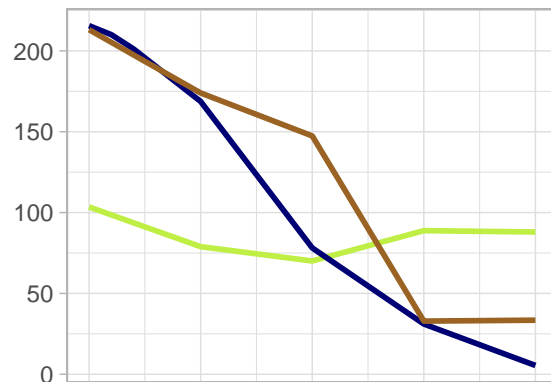
GCAM  
OP-NEMS  
USREP-ReEDS

# Electricity Capacity: United States

GW

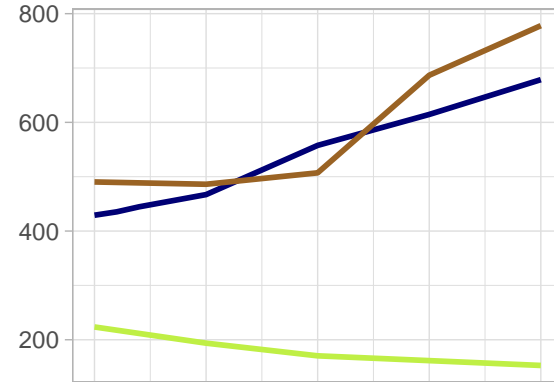
wm

Coal



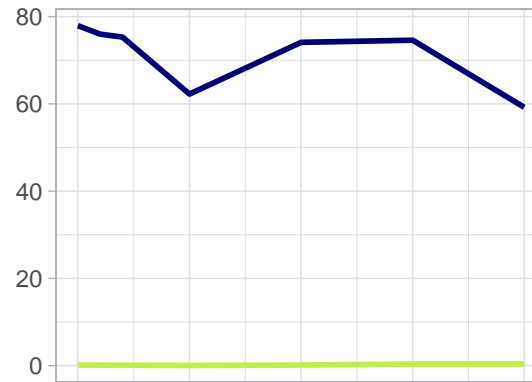
wm

Gas



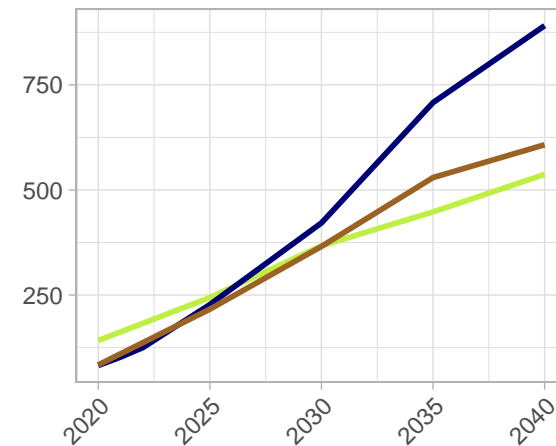
wm

Oil



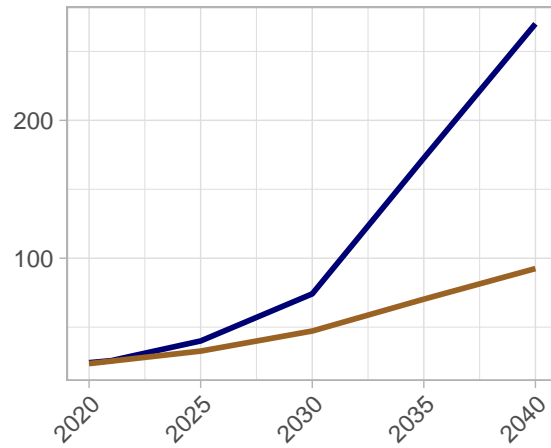
wm

Solar



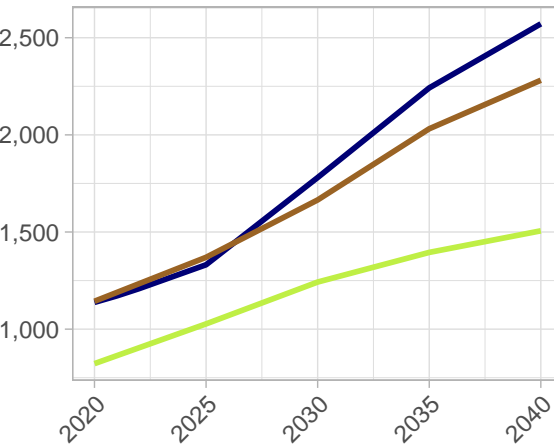
wm

Storage



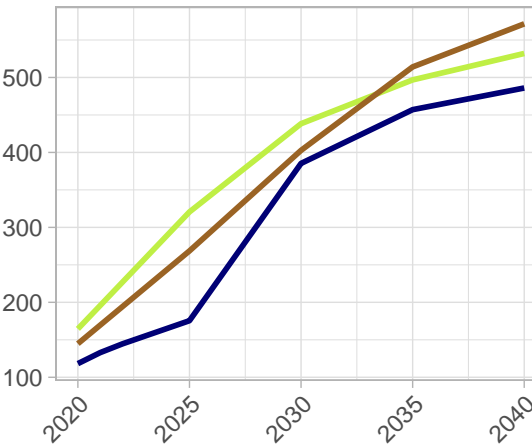
wm

Total Electricity



wm

Wind



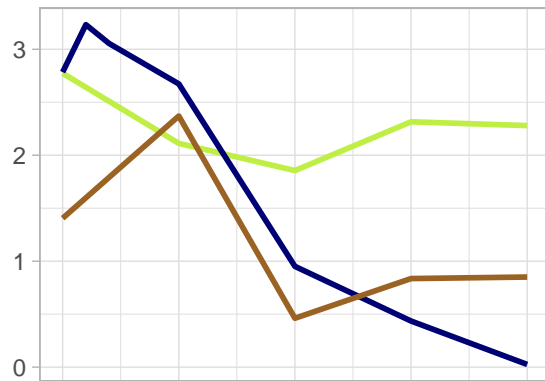
GCAM  
OP-NEMS  
USREP-ReEDS

# Electricity Generation: United States

EJ/yr

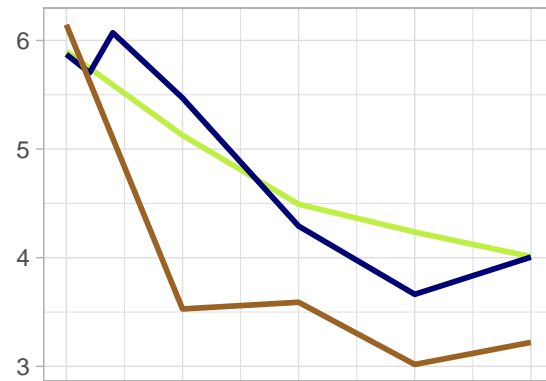
wm

Coal



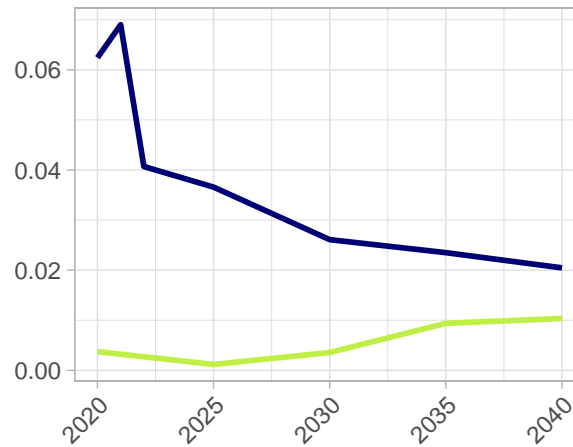
wm

Gas



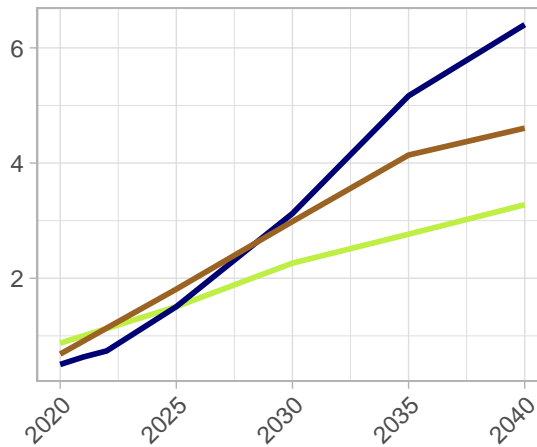
wm

Oil



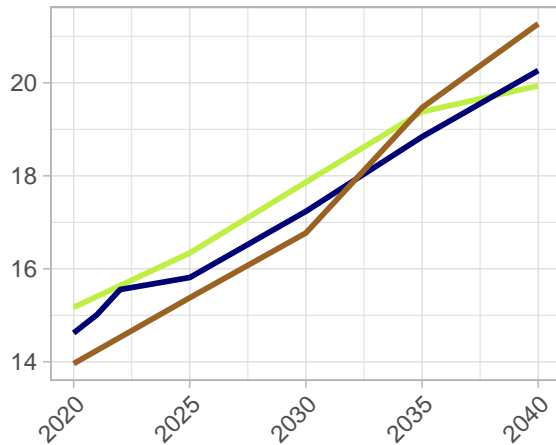
wm

Solar



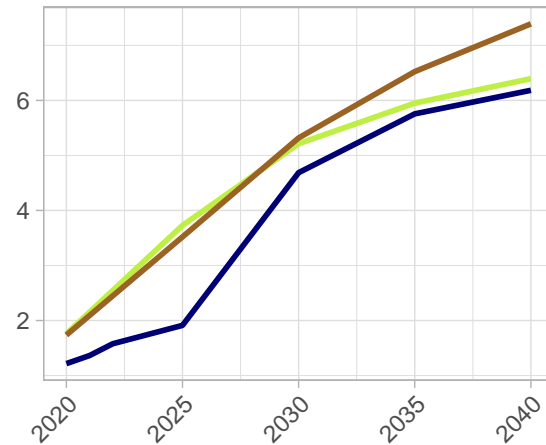
wm

Total Electricity



wm

Wind



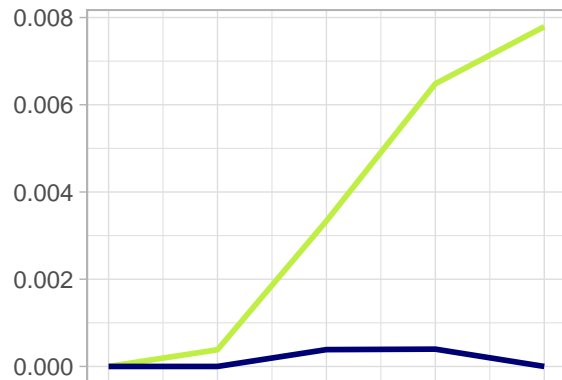
GCAM  
OP-NEMS  
USREP-ReEDS

# Electricity Generation – Combustion: United States

EJ/yr

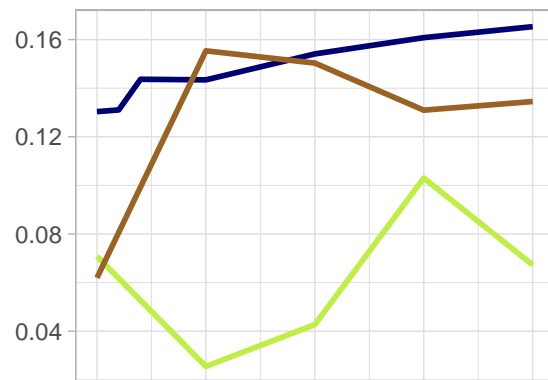
wm

**Biomass w/ CCS**



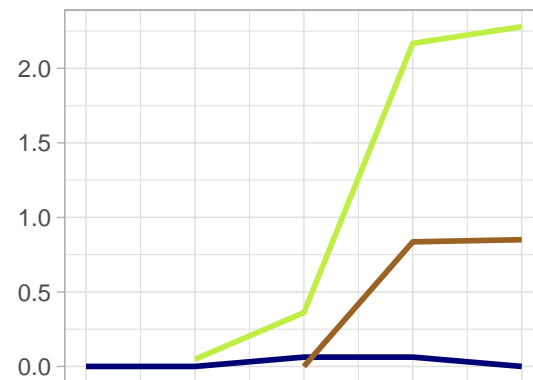
wm

**Biomass w/o CCS**



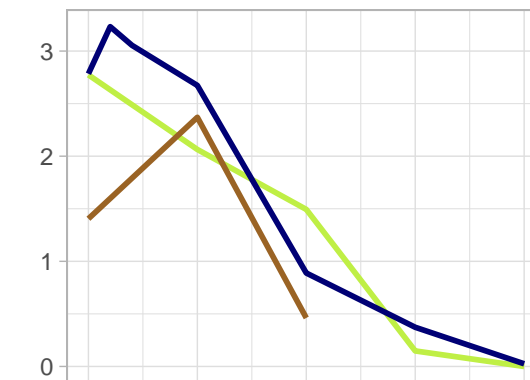
wm

**Coal w/ CCS**



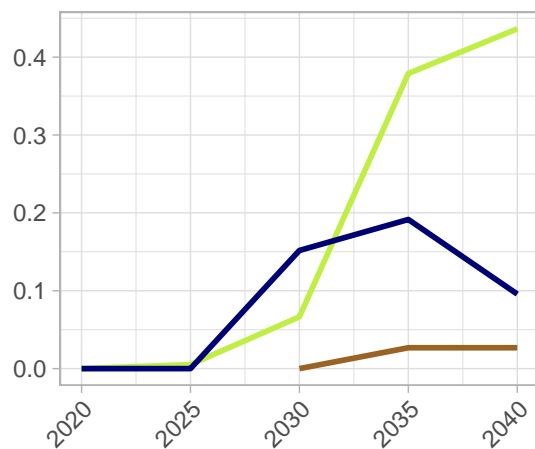
wm

**Coal w/o CCS**



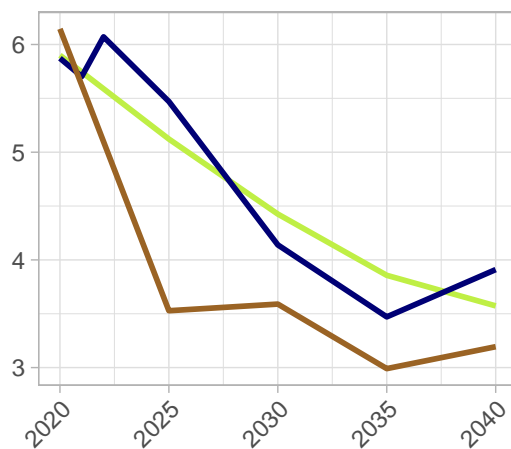
wm

**Gas w/ CCS**



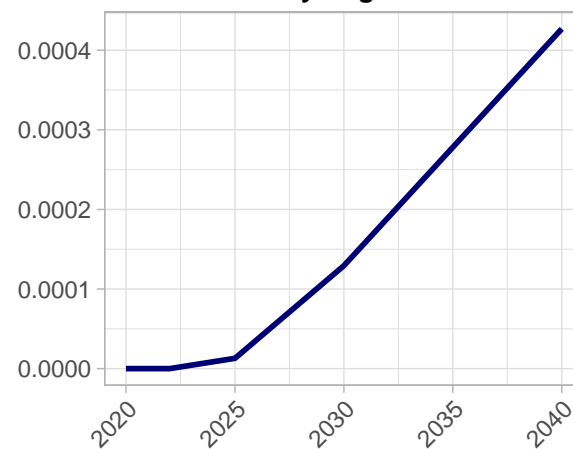
wm

**Gas w/o CCS**



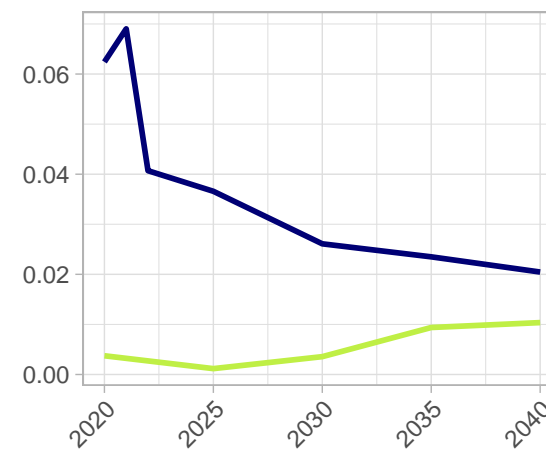
wm

**Hydrogen**



wm

**Oil w/o CCS**



GCAM  
OP-NEMS  
USREP-ReEDS

## Electricity Capacity – Combustion: United States

