Meaning of File Names:

postnetwork + flex\_option + line\_limit + co2\_limit

# flex\_option

**elec\_only** only power system included

**elec\_central** power system and heating sector included

**v2g50** power system and transport sector (where 100% of the cars are assumed to be electric vehicles and 50% of them are assumed to provide vehicle to grid services)

**elec\_heat\_v2g50**

power system, heating sector, and transport sector

# line\_limit

**0** zero transmission between nodes

**0.0625** equivalent to today’s transmission

**0.125** 2 times the transmission as today

**0.25** 4 times the transmission as today

**0.375** 6 times the transmission as today

# co2\_limit

**0.6** 40% CO2 limit compares to 1990

**0.5** 50% CO2 limit compares to 1990

**0.4** 60% CO2 limit compares to 1990

**0.3** 70% CO2 limit compares to 1990

**0.2** 80% CO2 limit compares to 1990

**0.1** 90% CO2 limit compares to 1990

**0.05** 95% CO2 limit compares to 1990