

Energy System :

Legend:



Resources,
Demands

Layer

Technologies:

Storage
tech

Tech of EUT

Infrastructure

From layers

PV

Wind

Nuclear

Geothermal

Hydro River

DamSto

Hydro Dam

ELECTRICITY Layer

Grid

Trolley/Bus

Train/Metro

Electrolysis

Train

IGCC

Supercritical

IGCC (CCS)

Supercritical (CCS)

PtG_{in}

CCGT

CCGT (CCS)

CHPs

Gasification

Pyrolysis

Elec. Heat

HPs

Electrolysis

Train

PHS

Batteries

V2G Batt.

V2Gs

PtG_{out}

To layers

Resources

Imports

Demand

Losses

Exports

EUD