



TURKEY

Preparation for Homework

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1.MITIGATION OPTIONS

- Focused on Transformation Sector
- Transformation Mitigation Options by 2030 and 2050
 - Decreasing elect. system losses (Transmission and distribution)
 - A nuclear power plant will be constructed.
 - Capacity of Wind PP will be increased.
 - Capacity of Solar PP will be increased
 - Max potential of Hydro PP and geothermal.
 - Biogases and wastes PP will be increased.
 - With new technologies; Process Eff. Of PP will be increased.
- Decreasing the fossil fuel PP capacity.



UNREALISTIC MITIGATION OPTIONS

- A scenario will be built that half of capacity form NG PP, half of RE (going out of the capacities) PP at 2030.
- A scenario-building more nuclear PP (4 or 5 Nuc. PP)
- Building smart grids decreasing 10 Percent of losses.

2.STEPS

- Arrange for Energy Plans, Strategies, assumptions.
- or make our assumptions independent from national plans ? to make free our minds☺
- Which data is needed? Making a list of needed data.

3. DATA SOURCE

- Data about demand side costs
 - We thought this data set may be found be in our country so will arrange for other sources. (WB, IMF, EIA...)
- Electricity data requirements
 - Assumptions
 - Plans
 - Potentials
 - Reserves RE potentials.

4.DRAFT LIST OF PEOPLE....

- Experts from Ministry of MENR
- Experts from TEİAŞ, EÜAŞ...
- Universities...

5.DESCRIBING....

- Tree of demand and supply side will be checked and maybe (if there are data) will be updated.
- Entering cost that we have.
- Entering new datakey assumptions
- Creating a various senarios (Solar, Wind, Process Eff.) and Mitigation senario inherits from these senarios.
- Entering data.

○Thanks for your attention