# 1\_br\_complete

Period: 07/01/2012 to 07/31/2012 (mm/dd/yyyy)

Input file names:

hydFile="../data/hydro/hydro\_data\_br\_1.csv",

hydFeather="../data/hydro/br\_shype\_hydro.feather",

windFeather="../data/wind/wind\_br.feather",

solarFeather="../data/solar/solar\_GAMS\_br.feather",

loadFeather="../data/load/load\_Br\_2014.feather",

transmissionCSV="../data/transmission/linesCapacities\_br\_1.csv", investCSV="../data/investOptions/investOpts\_br\_thermal.sources\_1.csv",

intermittentCSV="../data/investOptions/br\_intermittent\_opts\_1.csv"

This first run has presented an infeasibility in the minimum flow constraint on the region SE4. The original minimum flow should be 10503.26. I’ve put a slack variable and it’s presented values of 8500 approximately. So I’ve change the minimum flow of SE4 to 1500 and it worked.

# 2\_br\_complete

Changing investment costs of wind and solar to 10% of original values 🡪 the same results. Wind and solar don’t enter.

Coming back to original values of costs.

I’ve tried to change the WindPower column at wind\_br.feather file, but the result was the same: zero PV and wind.

Tomorrow: extremely high costs of thermal technologies in order to check if renewables will enter 🡪 same results

There was a mistake in GAMS formulation. Now we have some good results.

Now I’m producing results and comparing with ONS website.

# validation

CONTINUE FROM HERE TOMORROW ☺