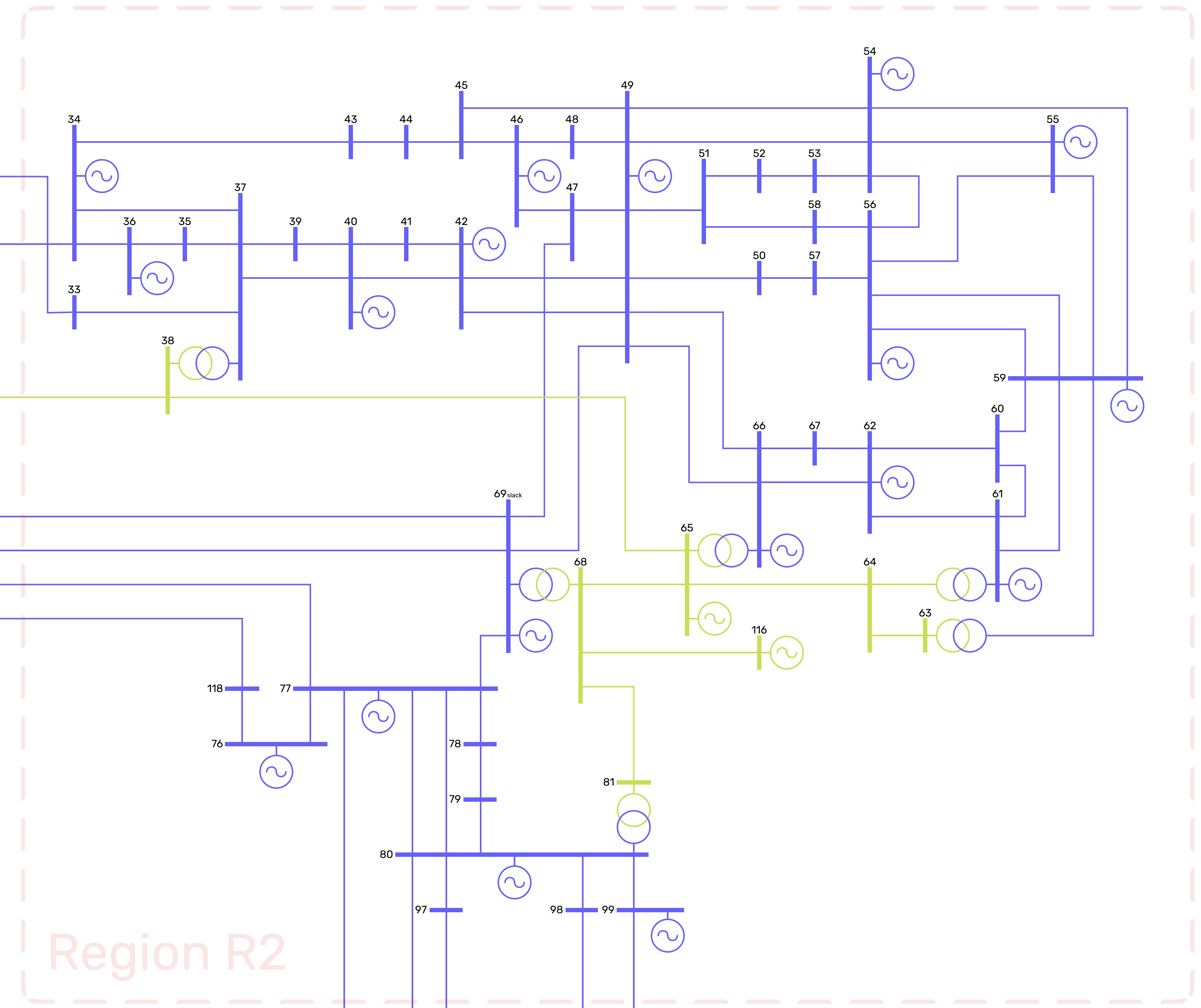
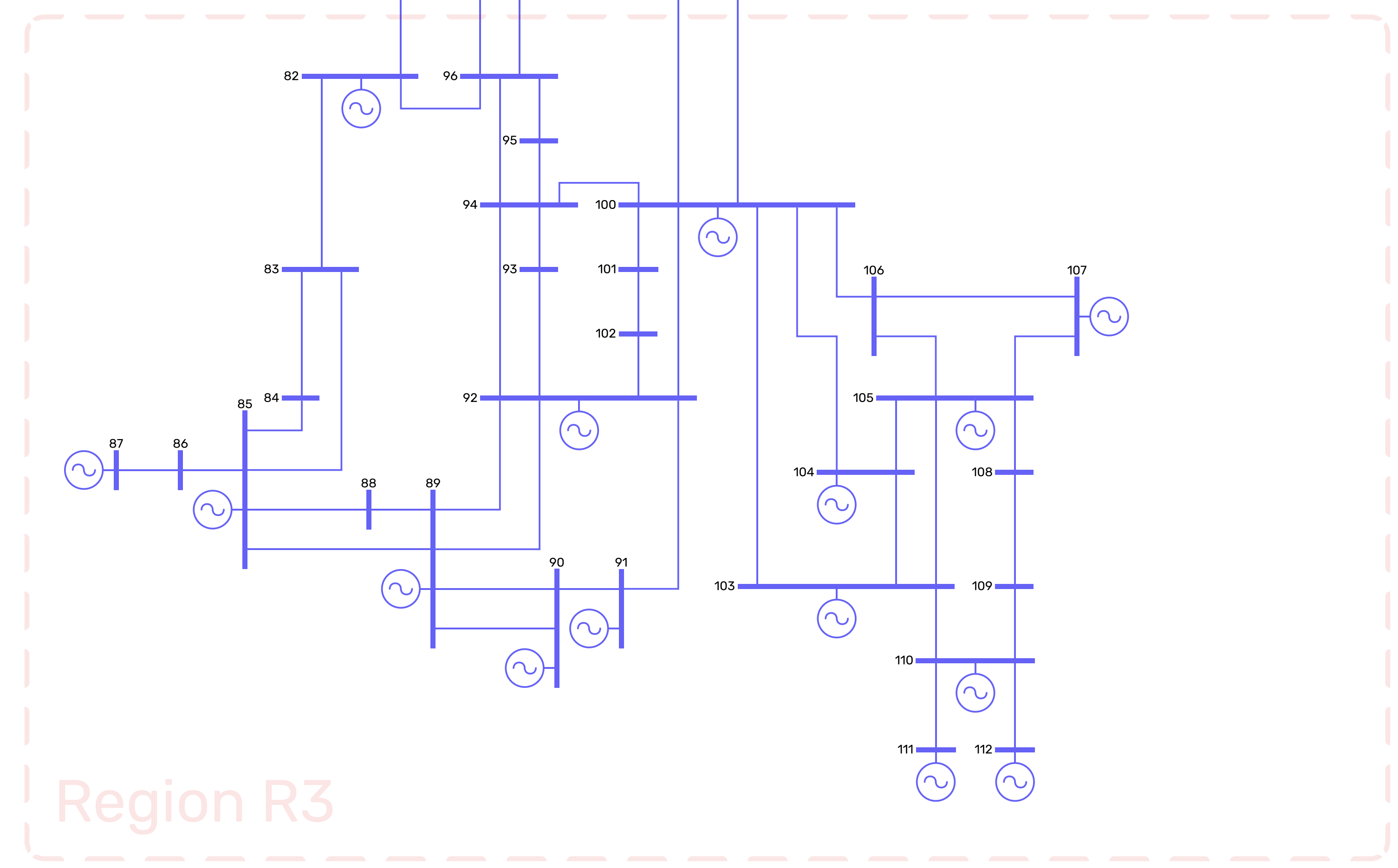


Region R1



Region R2



Region R3

# IEEE-118 (Modified)

Power System Characteristics:

- 118 buses
- 186 branches
- 91 loads
- 52 plants or 321 generators