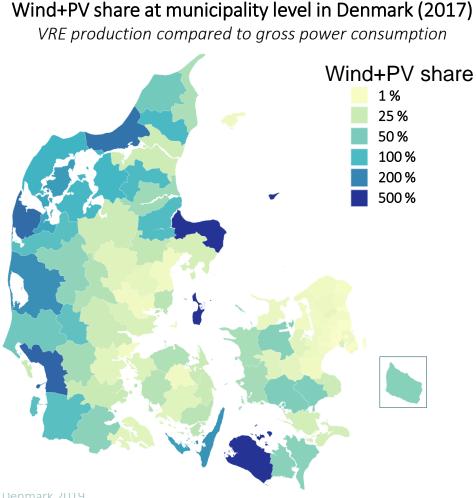


## DENMARK AS A BOTTOM-UP CASE PITCH AT THE SESSION: "DECARBONIZATION OF THE EUROPEAN ENERGY SYSTEM"

Wind Energy Denmark 2019 1. October 2019, Herning

*Carsten Vittrup, Energinet Electricity System Operator, CVT@energinet.dk* 

# NO COUNTRY (OR PRICE AREA) IS A COPPER PLATE

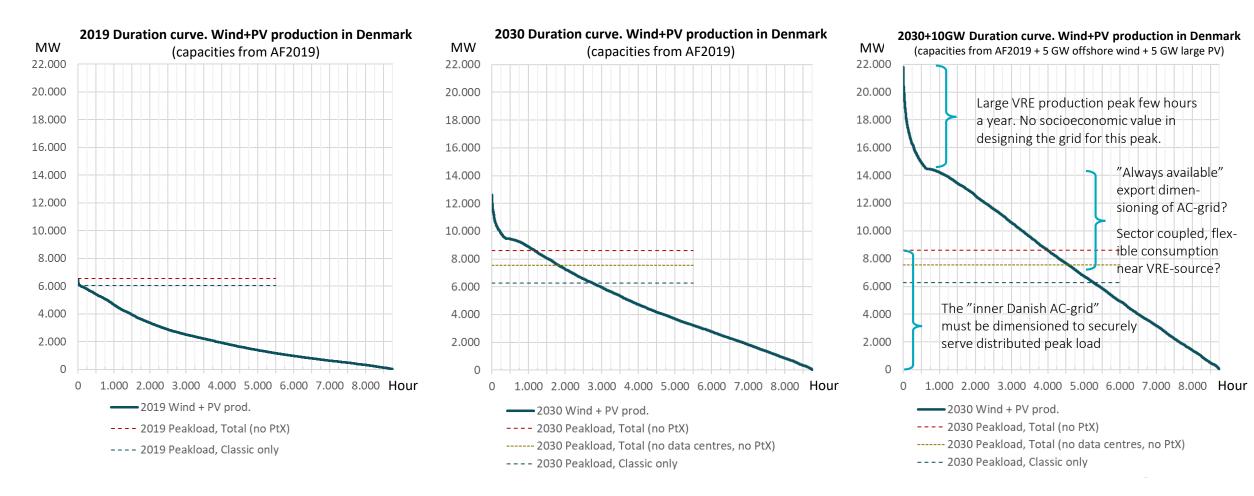


Grid model used in the analysis: "System Perspective 2035"



Wind Energy Denmark 2019

#### IS A DOMESTIC AC-GRID DIMENSIONED BEYOND "SECURITY OF SUPPLY" POSSIBLE?



#### **ENERGINET**

### INTEGRATION OF MULTI GW OFFSHORE WIND APPLIES TO LARGER ONSHORE VRE AS WELL!

