

Stochastic Unit Commitment Considering Uncertain Wind Production in an Isolated System



Kristin Dietrich, Jesús-María Latorre, Luis Olmos, Andrés Ramos Institute for Research in Technology; Pontificia Comillas University



Case study: Gran Canaria



Must cover demand on its own Generation units: Only CCGT, GT, Fueloil, Gasoil: ~930 MW

3 wind prediction errors and wind generation capacities



Assessing the value of perfect information





