Hourly generation dispatch by technology in FRA Renewables share $= 0.62 \ge 0.32$ CO2 reduction $= 0.55 \ge 0.55$ 2.50×10^4 wind_on wind_off solar biomass nuclear 2.00×10^4 coal gas_cc gas_oc hydro 1.50×10^4 1.00×10^4 5.00×10^{3} 0 50 100 0 150 t