Hourly generation dispatch by technology in FIN Renewables share =  $0.36 \ge 0.32$  CO2 reduction =  $0.983 \ge 0.55$ wind\_on wind\_off  $1.20 \times 10^4$ solar biomass nuclear coal  $1.00 \times 10^4$ gas\_cc gas\_oc hydro  $8.00 \times 10^{3}$  $p_{g,\,n,\,t}[\mathrm{MWh}]$  $6.00 \times 10^{3}$  $4.00 \times 10^{3}$  $2.00 \times 10^{3}$ 0 50 100 150 0 t