Hourly generation dispatch by technology in SWE Renewables share =  $0.377 \ge 0.32$  CO2 reduction =  $0.985 \ge 0.55$  $1.20 \times 10^4$ wind\_on wind\_off solar biomass nuclear  $1.00 \times 10^4$ coal gas\_cc gas\_oc hydro  $8.00 \times 10^{3}$  $6.00 \times 10^{3}$  $4.00 \times 10^{3}$  $2.00 \times 10^{3}$ 0 50 100 150 0 t