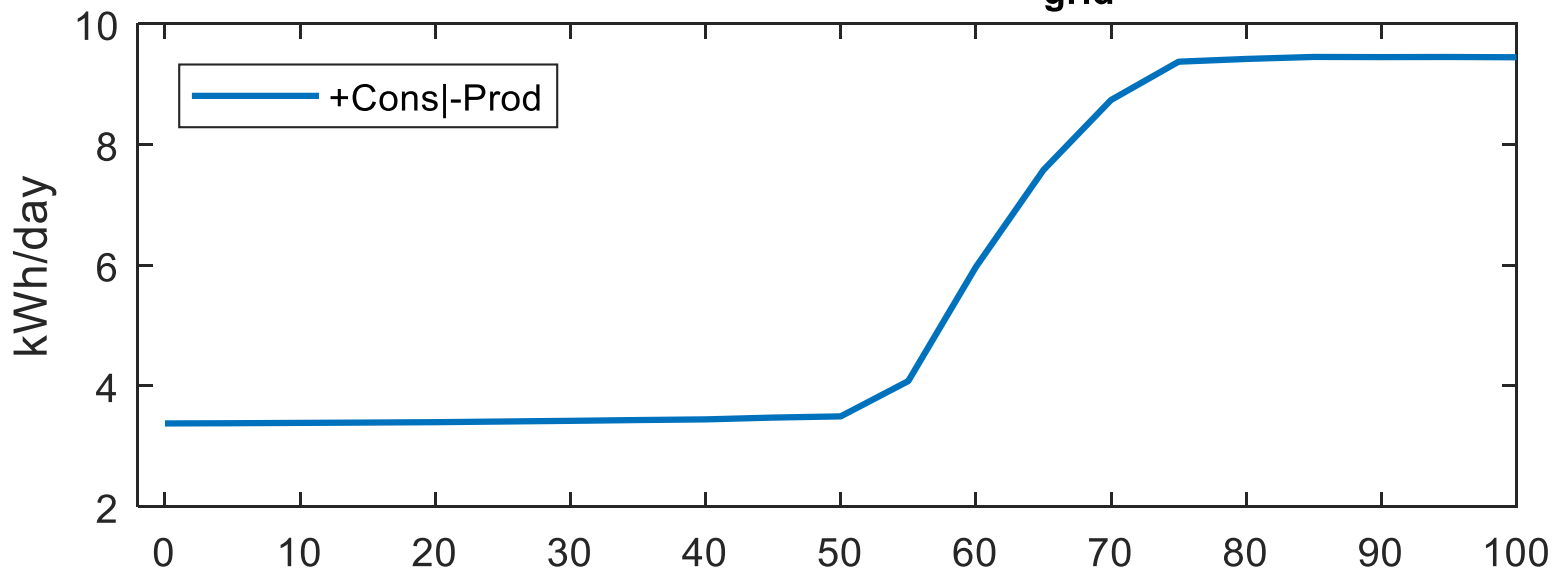
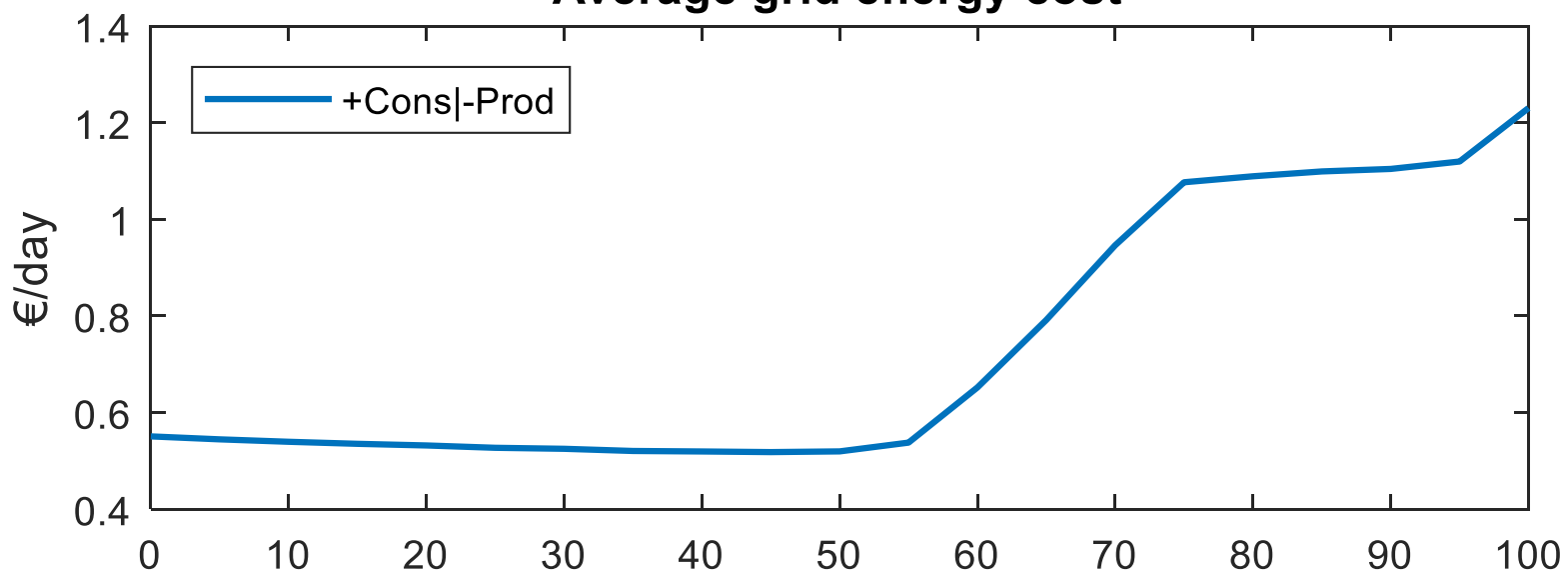


**Average grid energy  $\langle P_{\text{grid}} \rangle$**



**Average grid energy cost**



**Energy cost**

