Supplementary material

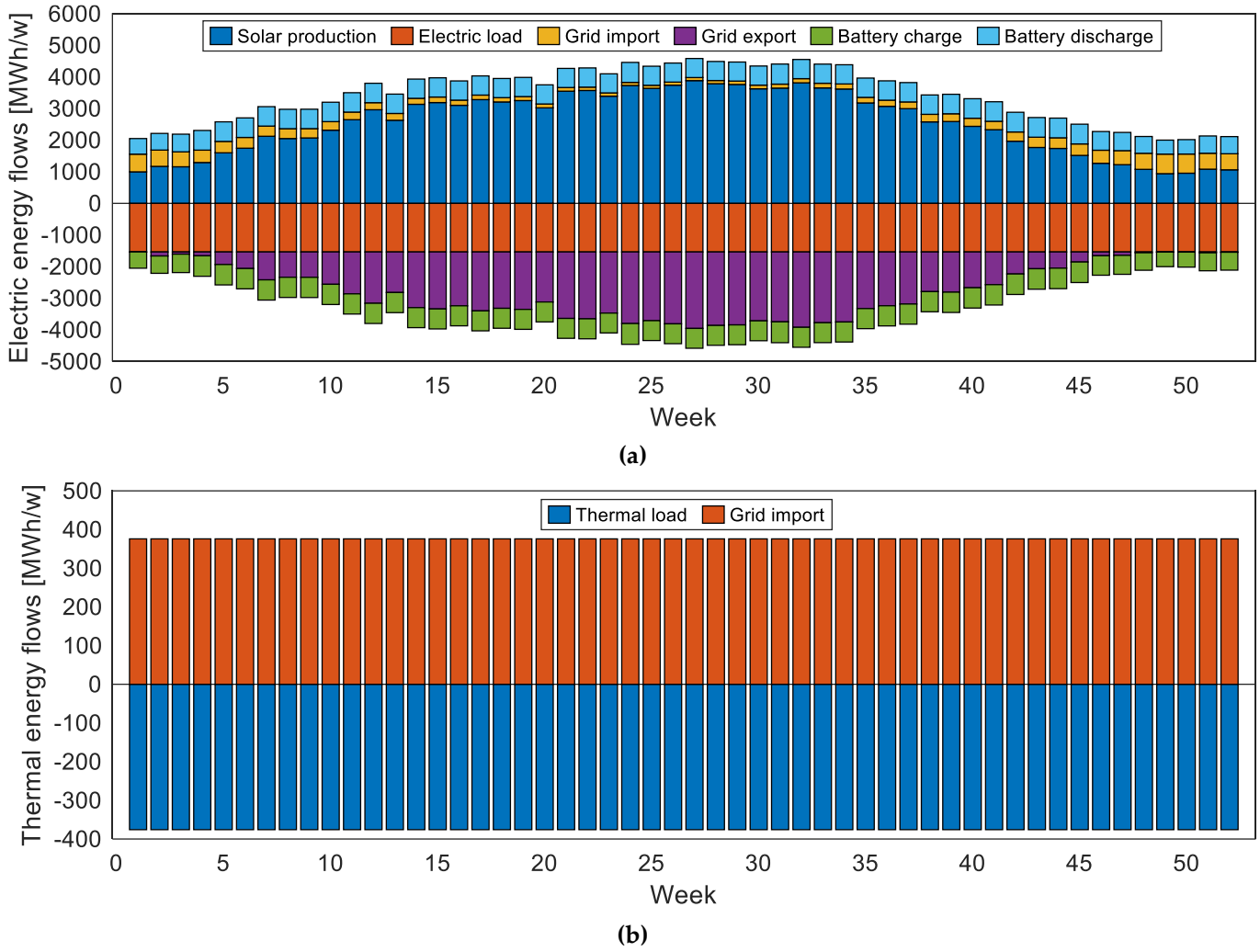


Figure S1. Weekly energy flows for a representative battery storage configuration: (a) electric, (b) thermal.

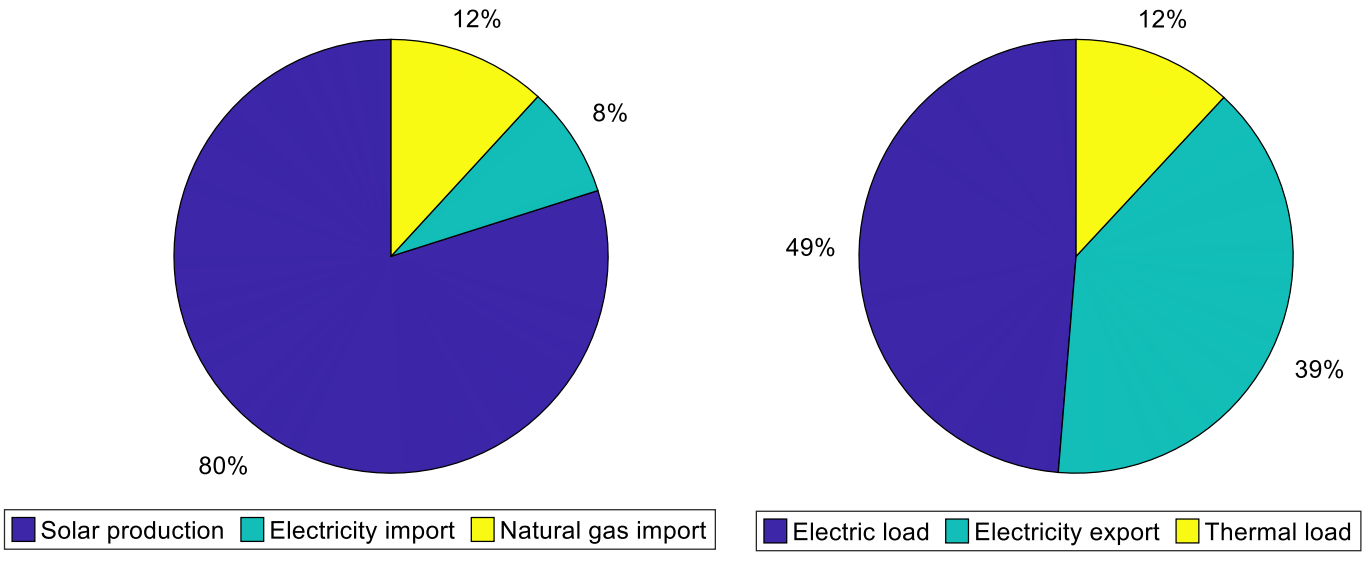
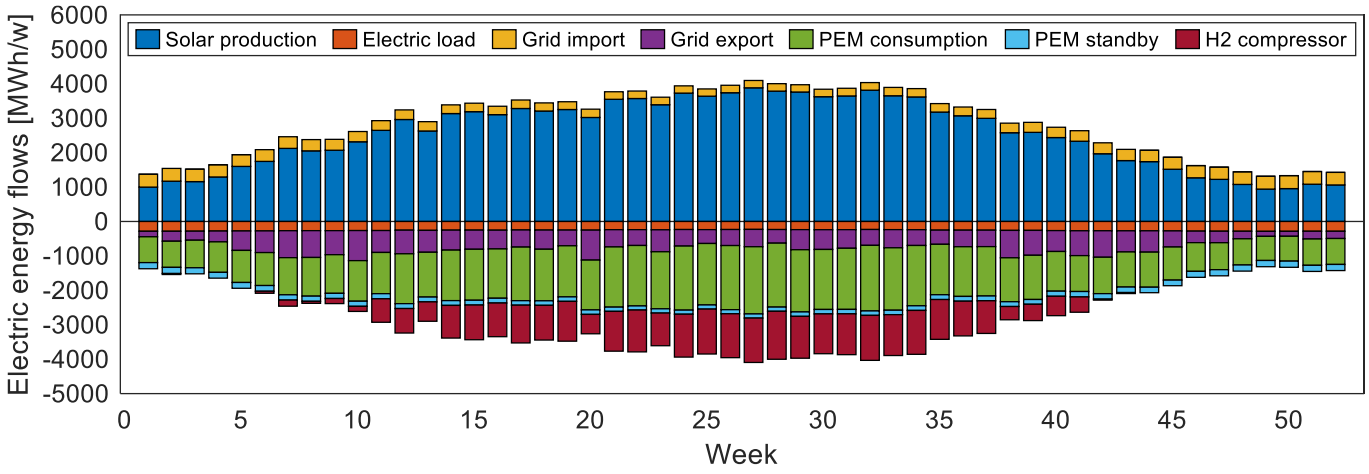
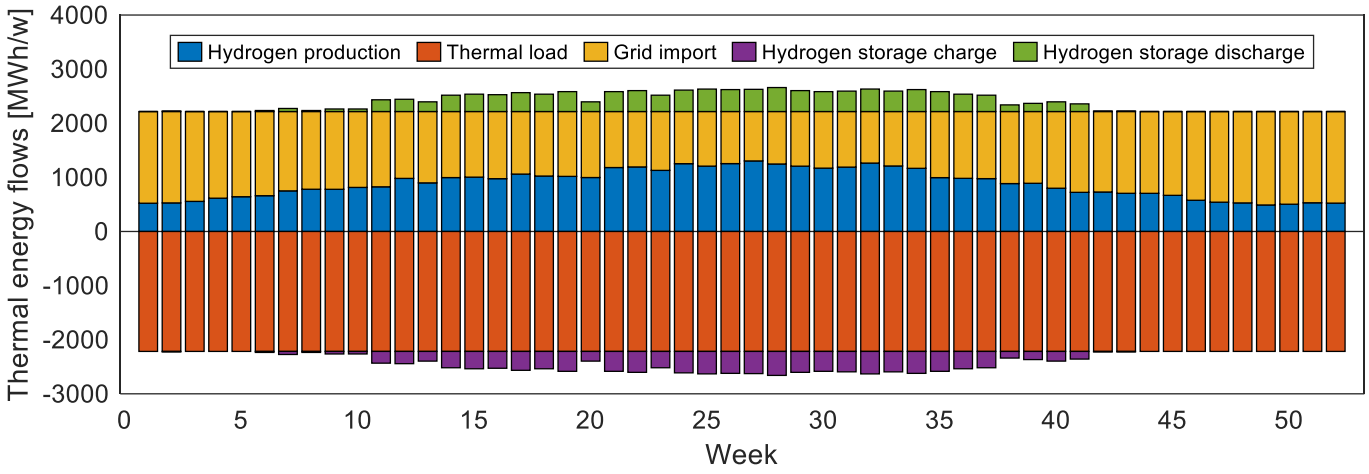


Figure S2. Yearly balances for a representative battery storage configuration: (a) inputs, (b) outputs

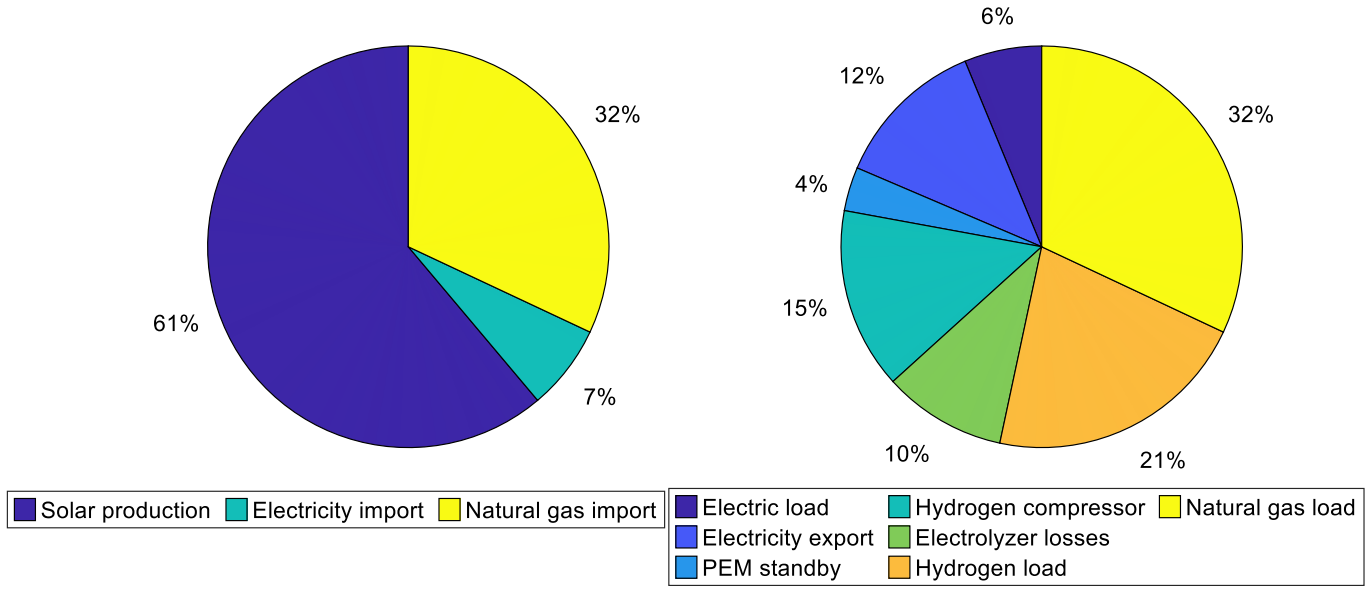


(a)



(b)

Figure S3. Weekly energy flows for a representative hydrogen storage configuration: (a) electric, (b) thermal.



(a) (b)

Figure S4. Yearly balances for a representative hydrogen storage configuration: (a) inputs, (b) outputs.