



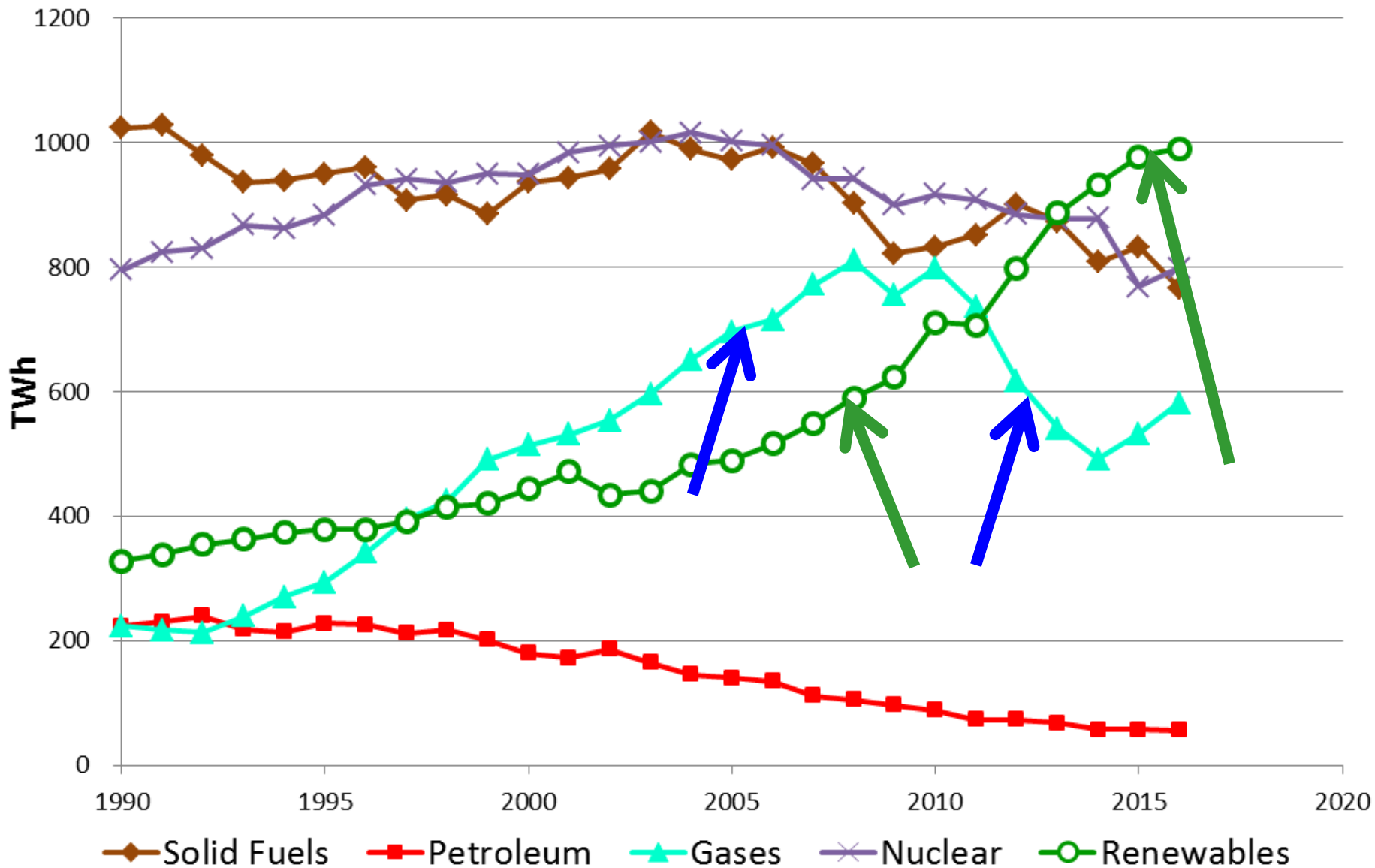
Grid parity und ...

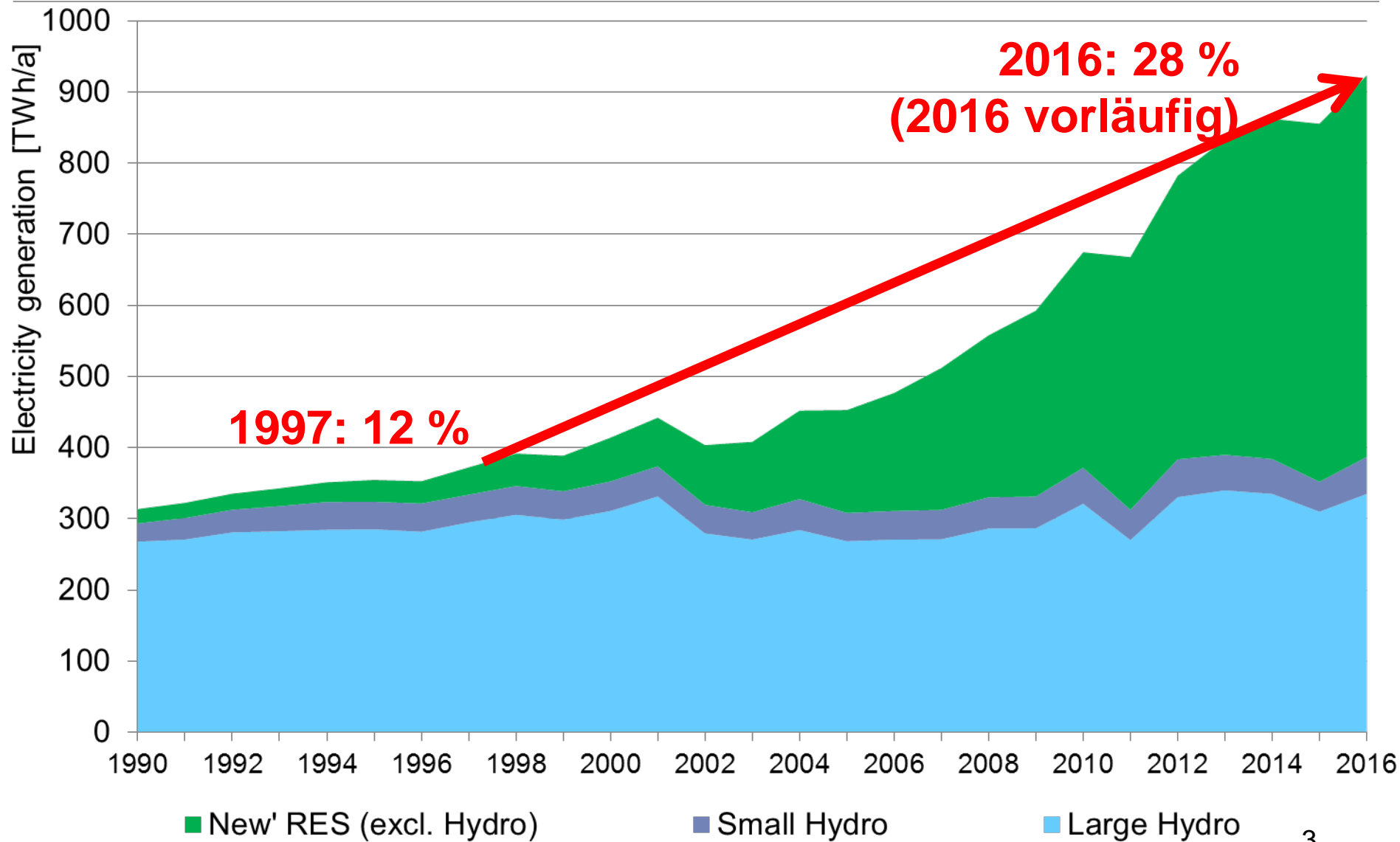
Reinhard HAAS

Energy Economics Group, TU Wien

Wien, 11. April 2017

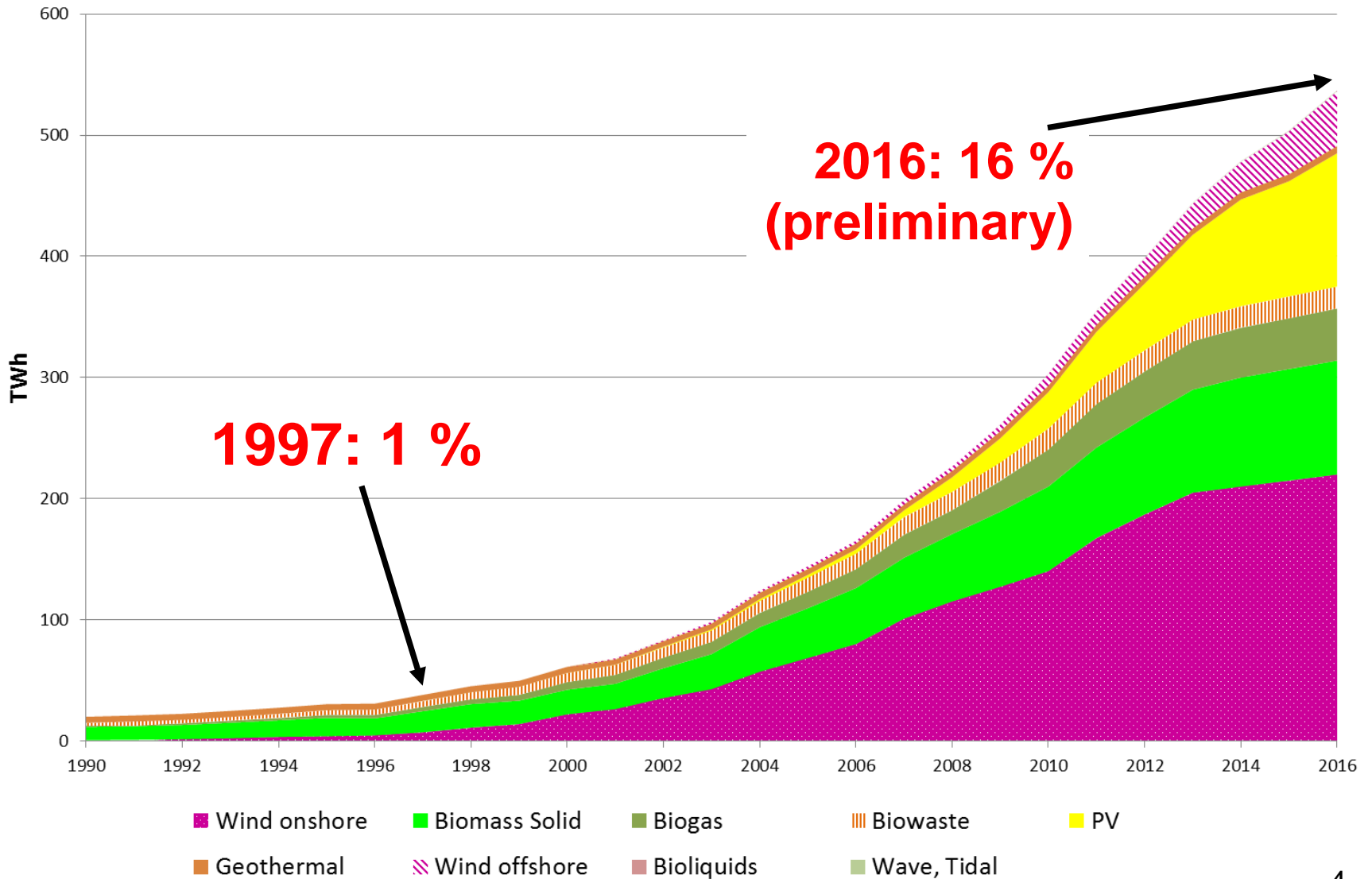
Einleitung: Stromerzeugung EU-28





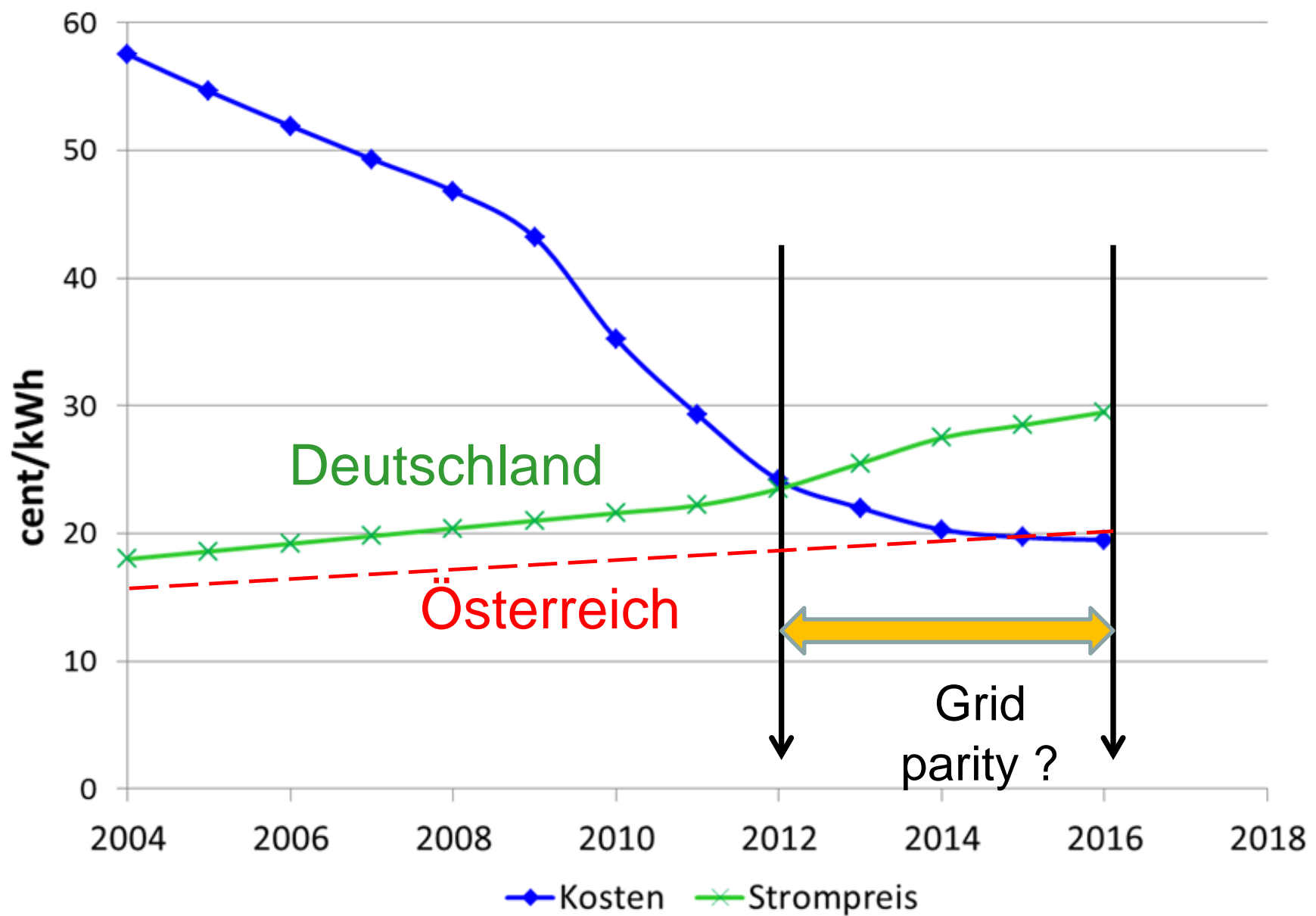
Source: EUROSTAT, own estimations

EU-28: Stromerzeugung aus "neuen" EET

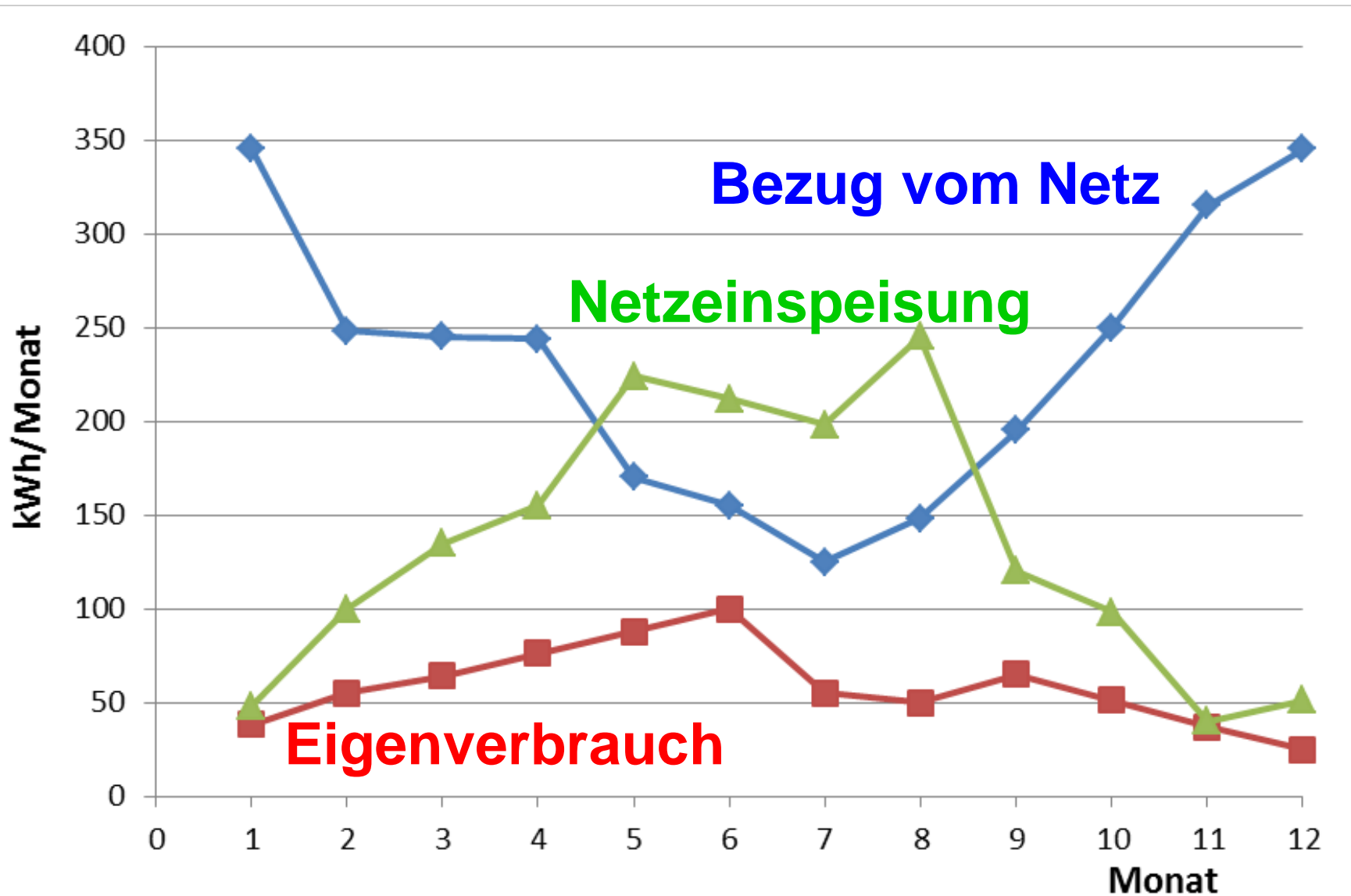


Source: EUROSTAT, own estimations

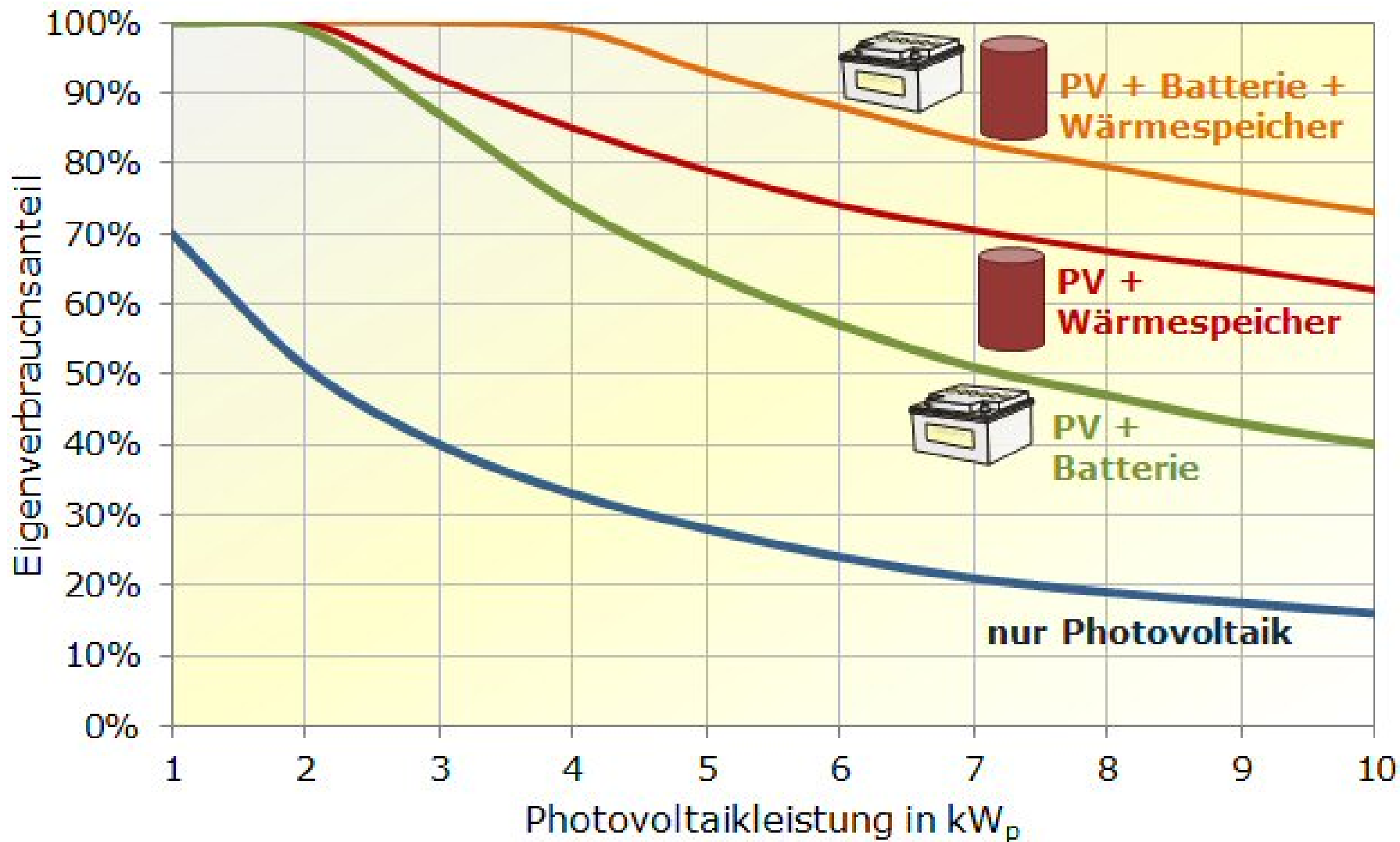
Grid parity: PV-Kosten und Haushaltsstrompreise



Aber: die Jahresbilanz ...



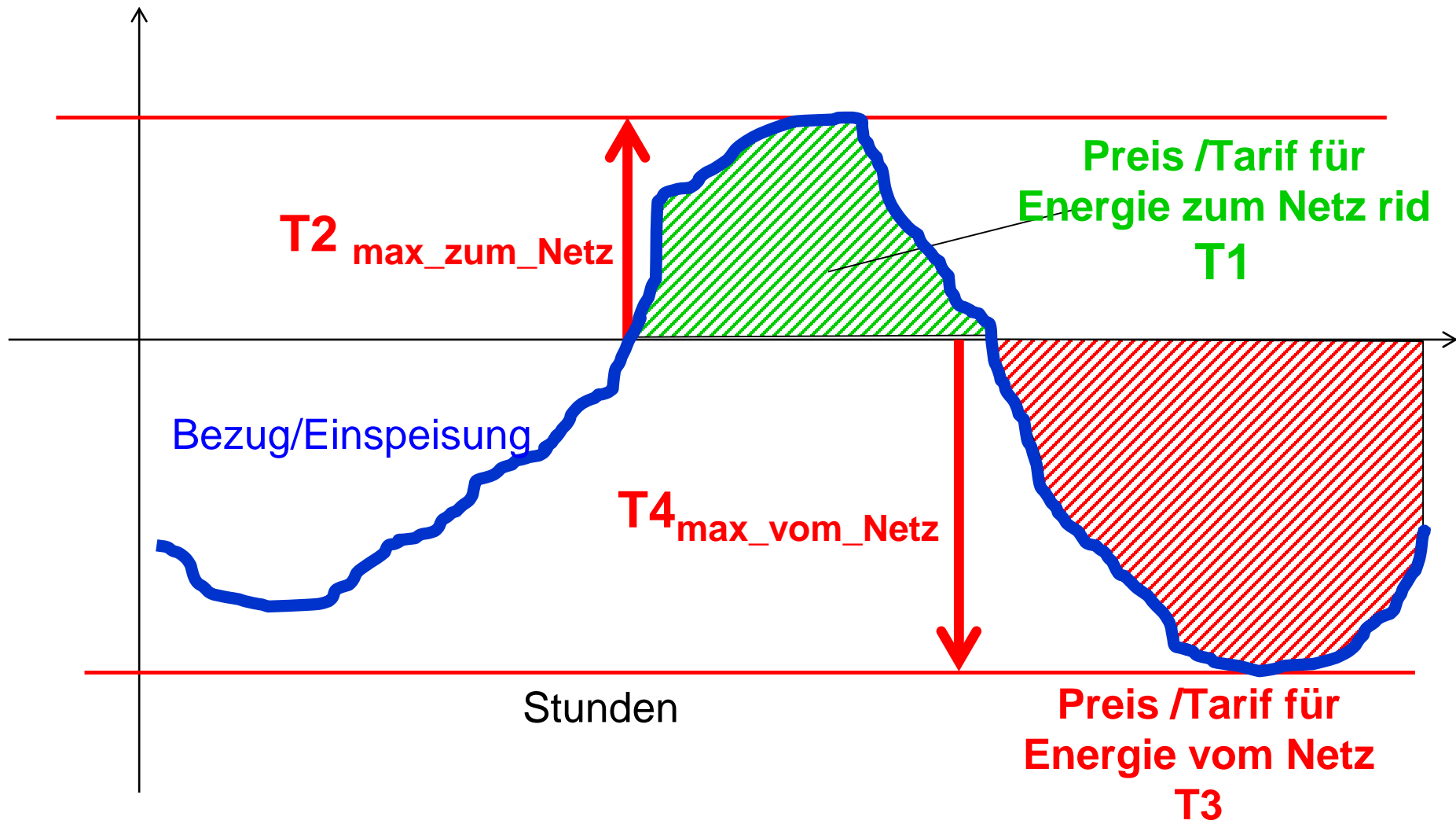
Eigenverbrauchsanteil:



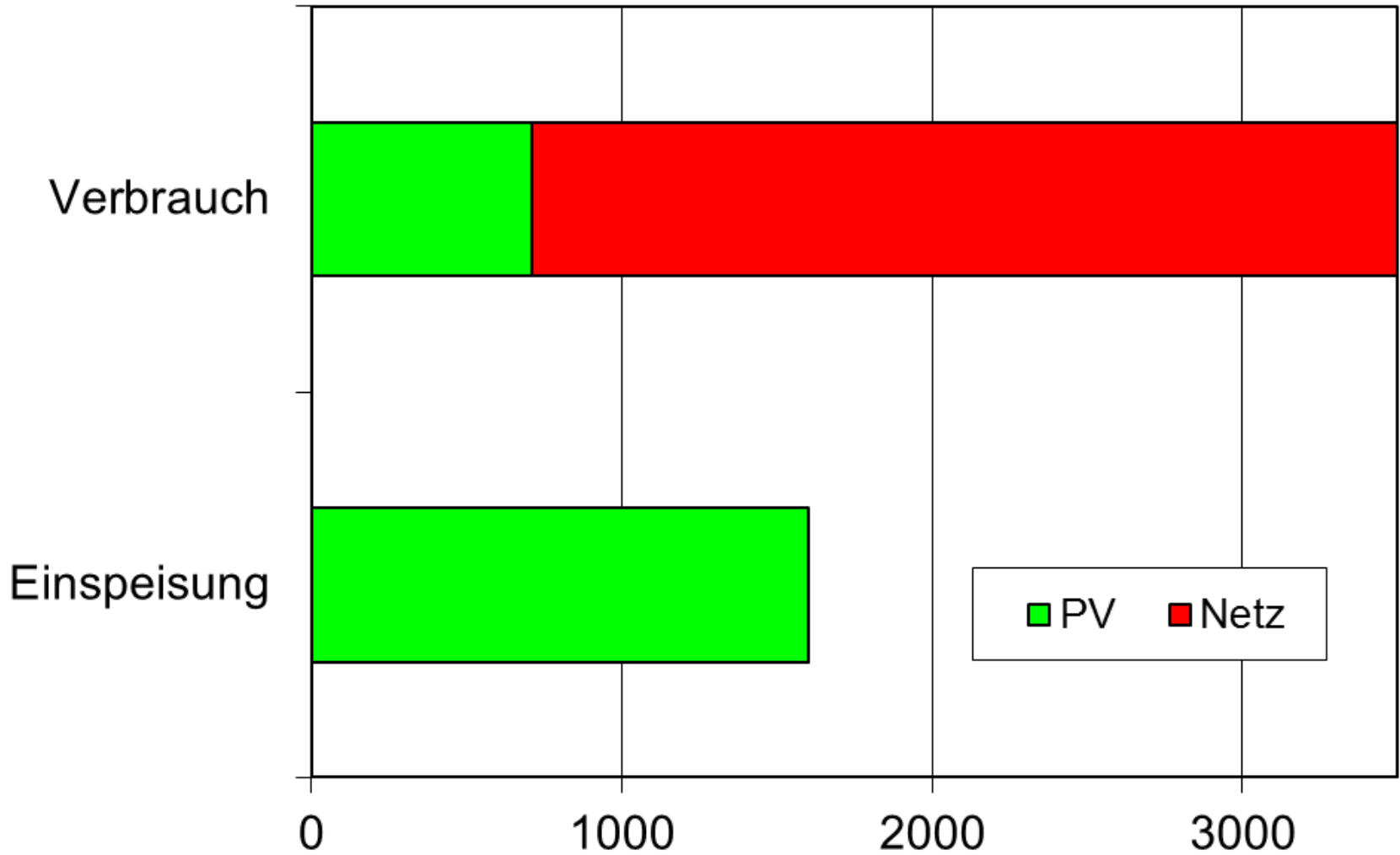
$$\begin{array}{c}
 \text{Einsparung} \qquad \qquad \qquad \text{Kosten} \\
 \hline
 \text{E}_{\text{Eig}} * P_{\text{HH}} + \text{E}_{\text{Einsp}} * P_{\text{feed-in}} < \text{Annuität} \\
 \text{Grid parity term}
 \end{array}$$

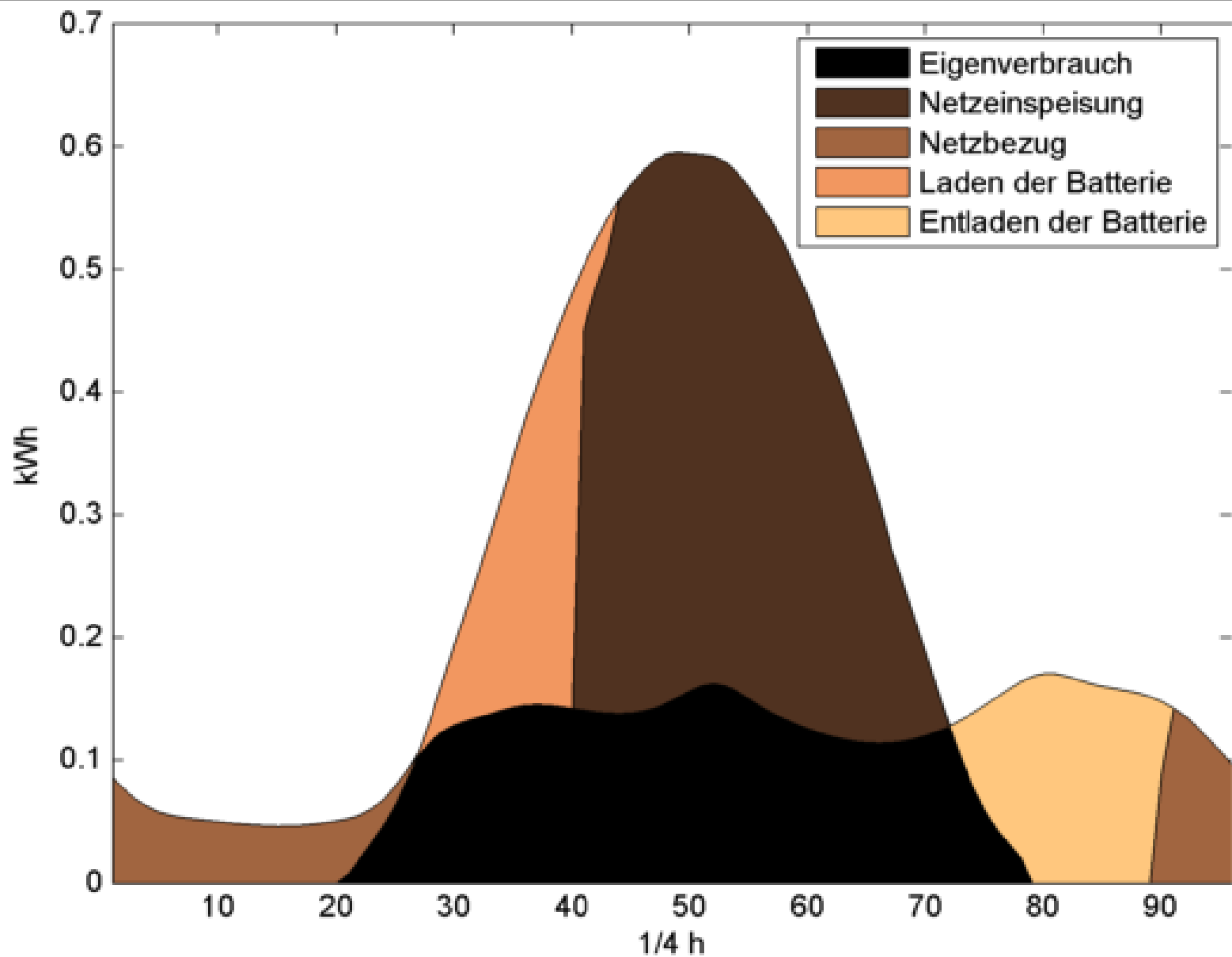
Förderung überhaupt noch notwendig?

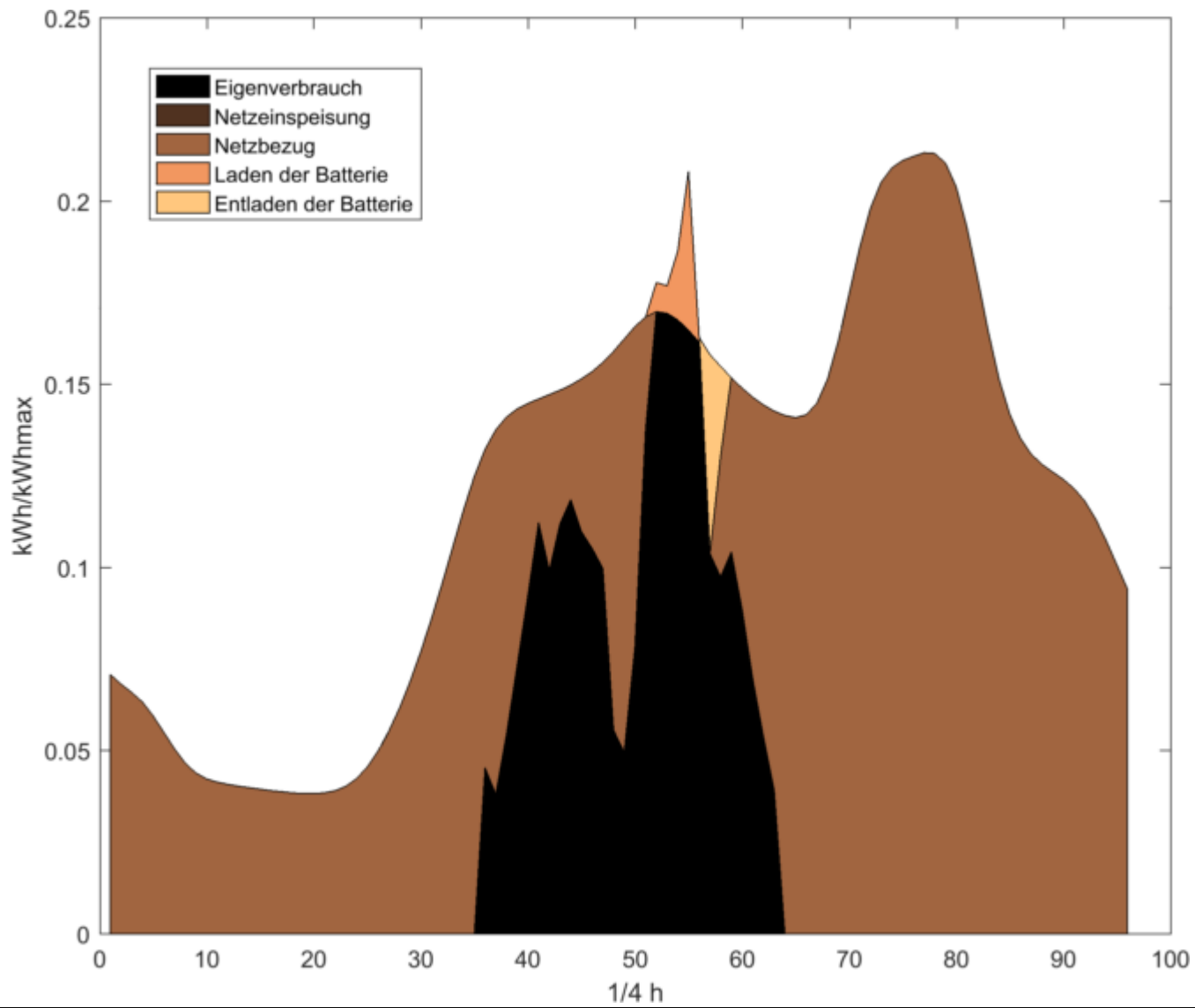
Bidirektionale Tarife für Leistung und Energie



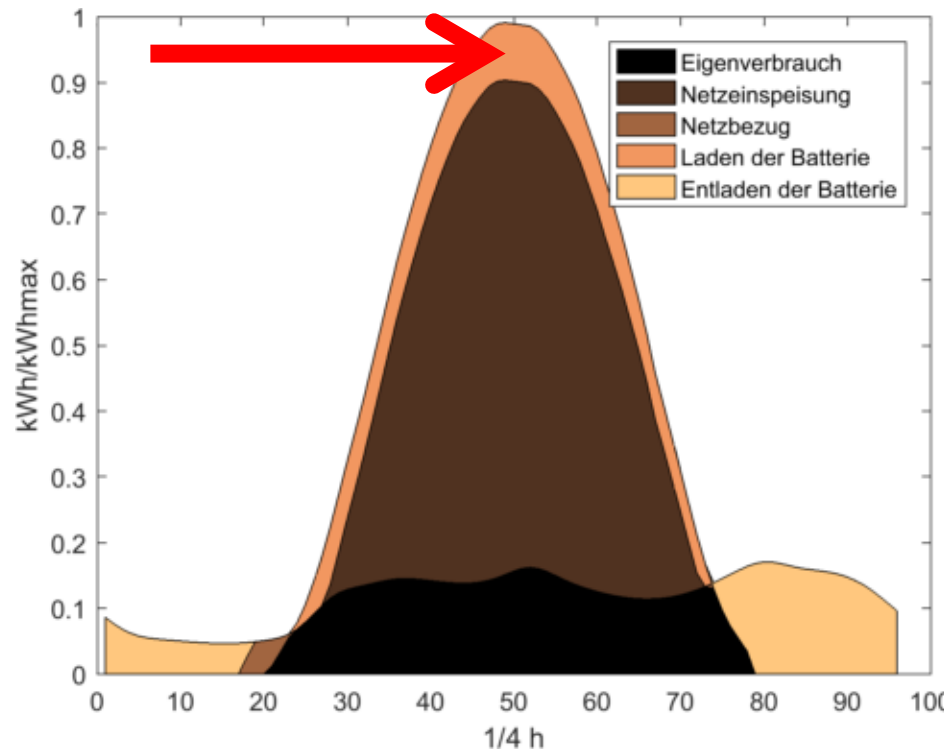
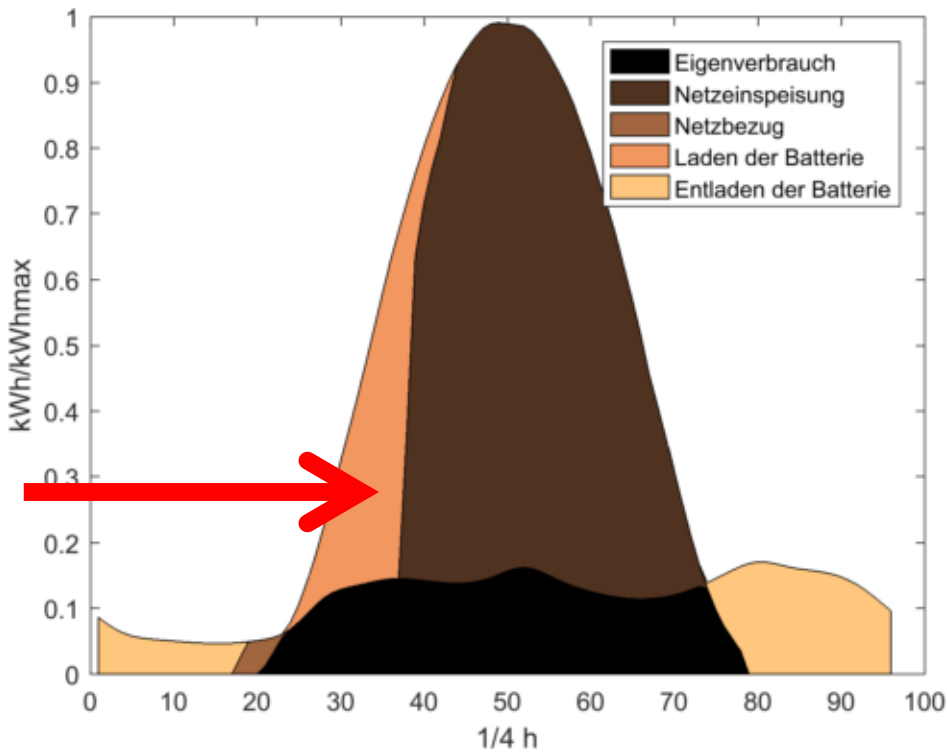
PV-Erzeugung und -einspeisung 2015







Koordinierte und nicht koordinierte Speichernutzung

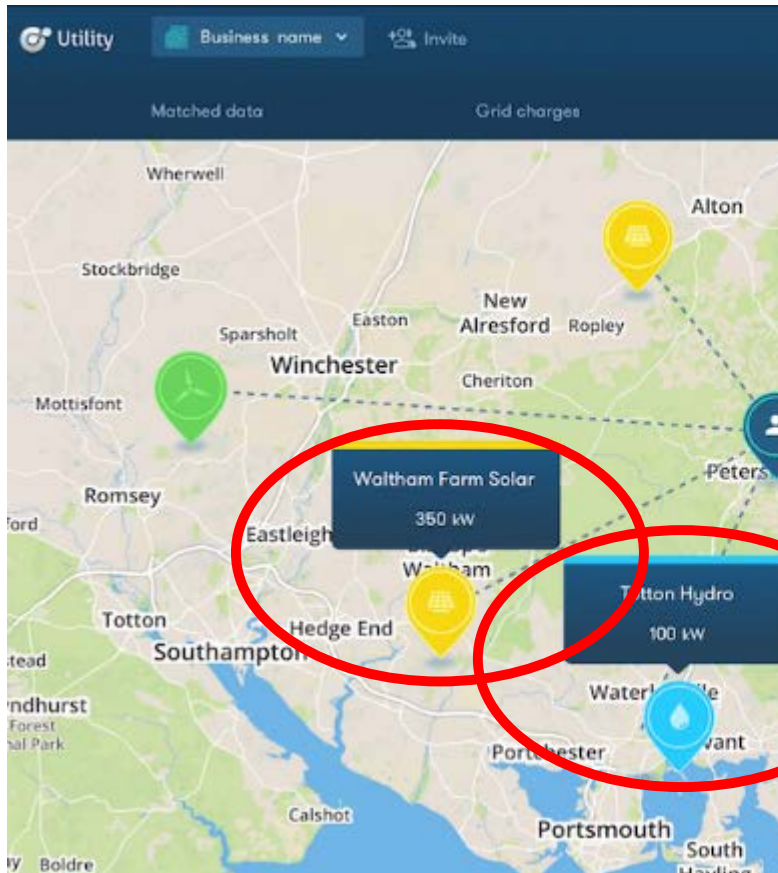


Neues ELWOG:

... soll entscheidende neue Anreize für ein neues Mieterstrommodell bringen

... Wann?

“Peer-to-peer” (local) energy matching Concept



12/04/2017

Source: piclo.co.uk