



Energy research Centre of the Netherlands

Europa's eerste Smart Grid: PowerMatching City

B. Roossien

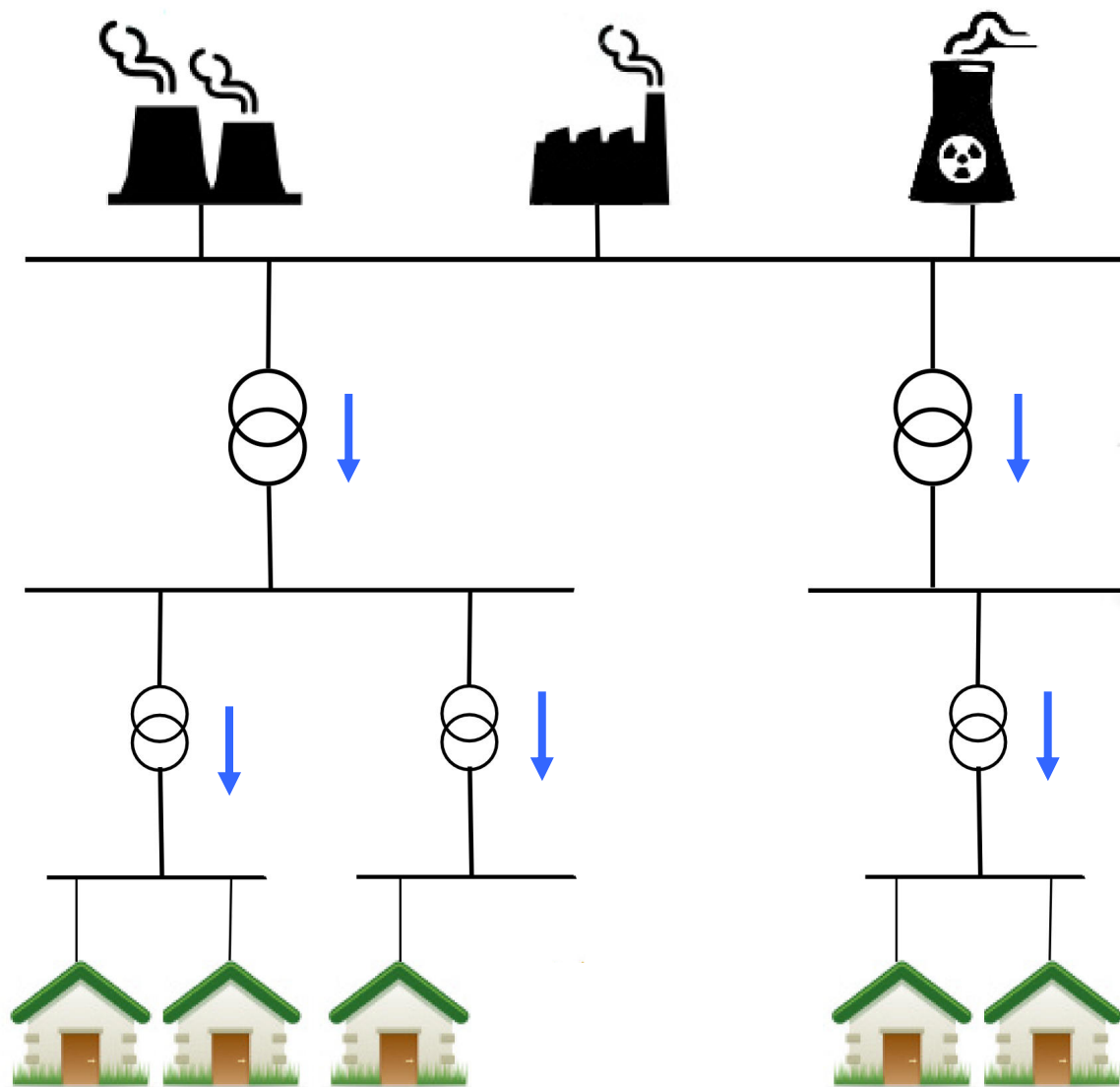
Gepresenteerd op PhaseToPhase Gaia workshop, 27 oktober 2010, Arnhem

Europa's eerste Smart Grid: PowerMatching City

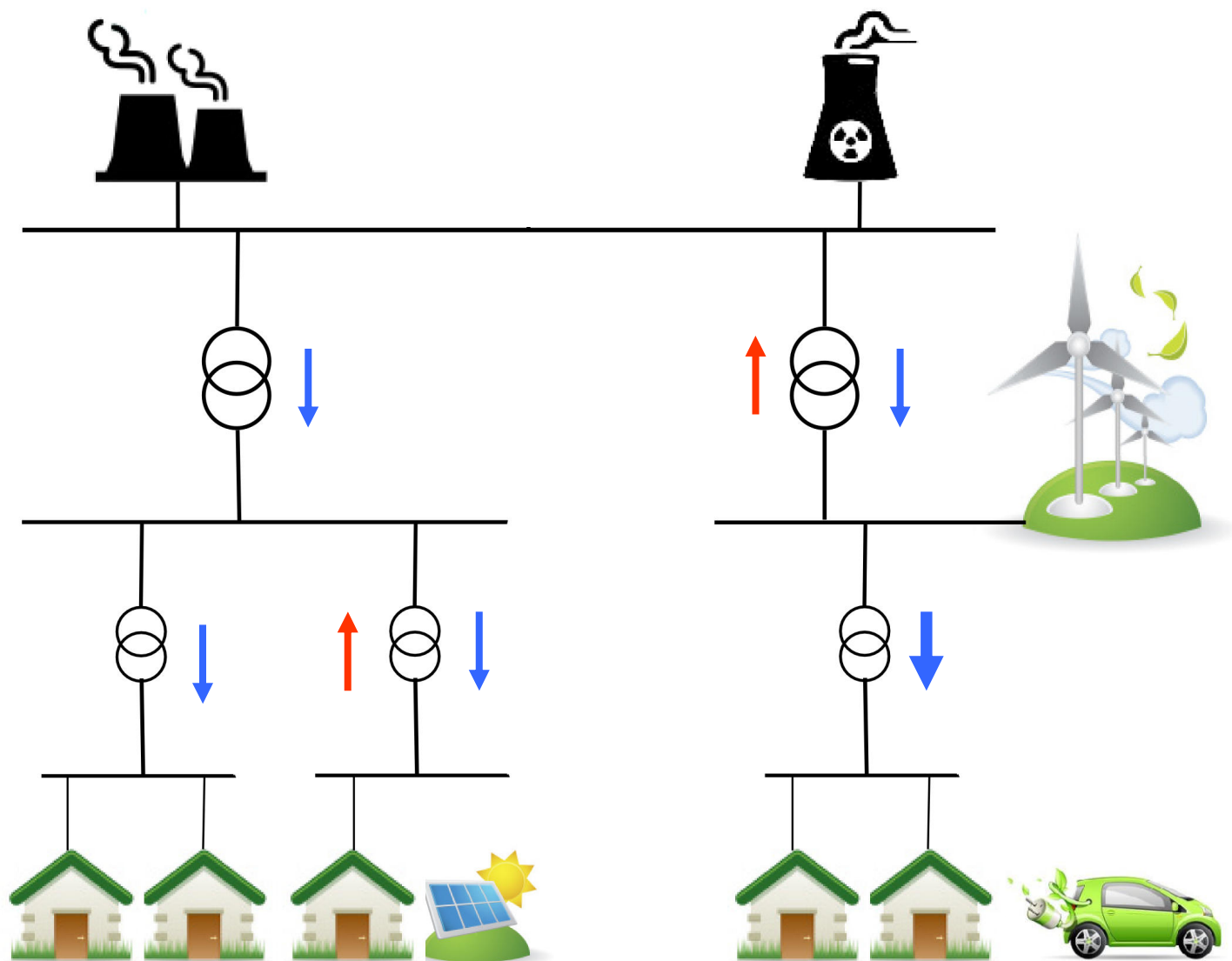
Bart Roossien







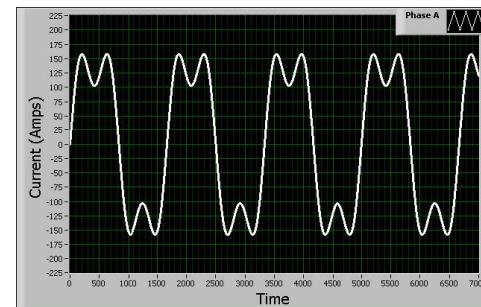




Challenges



Supply & demand
Management



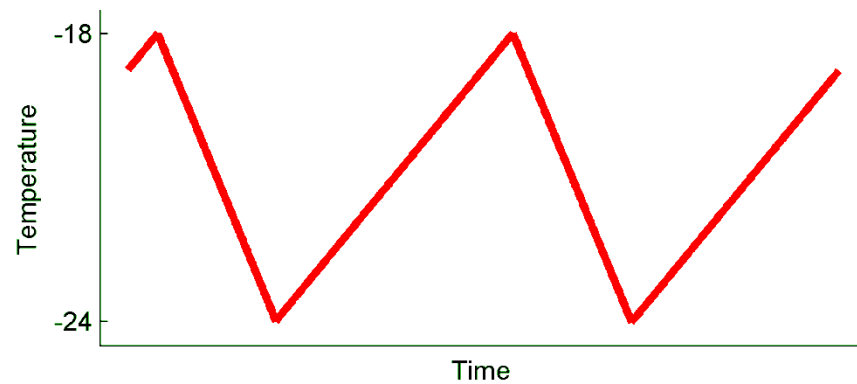
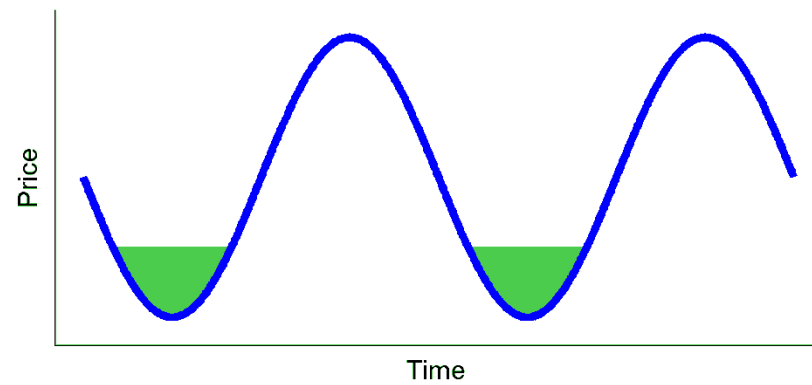
Power Quality

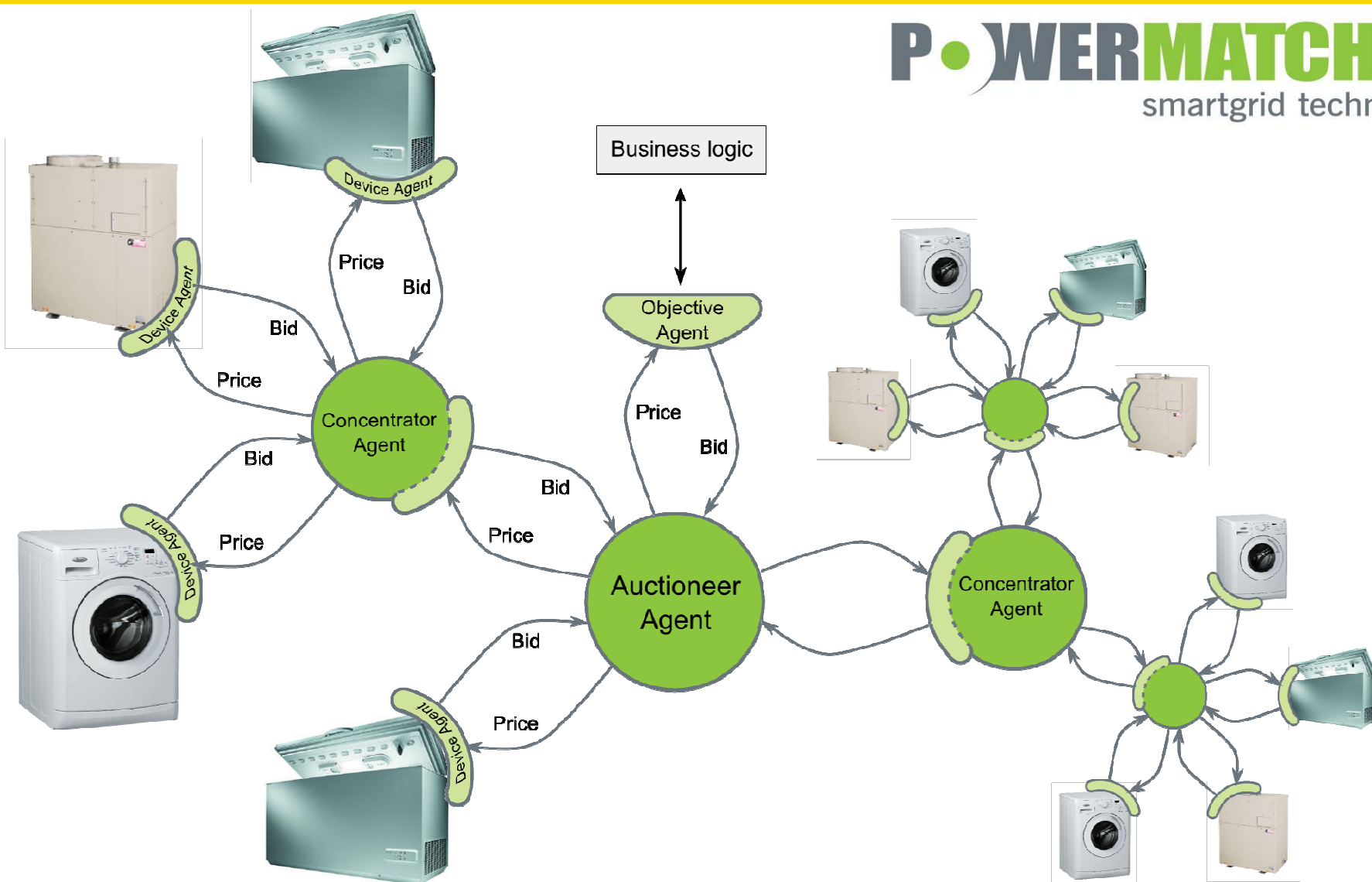


Congestion
Management



Reliability











microCHP
←

→
Heat pump



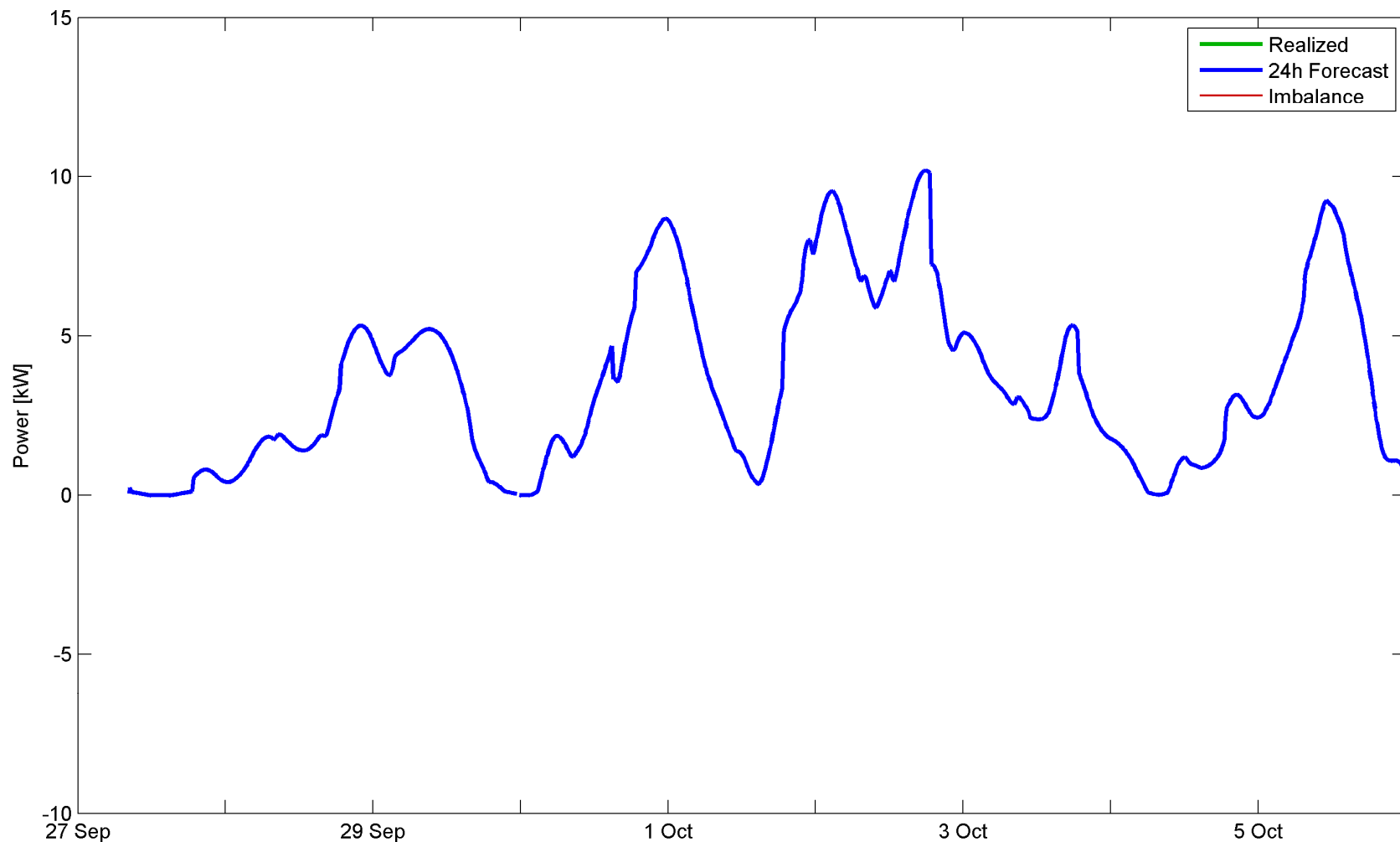




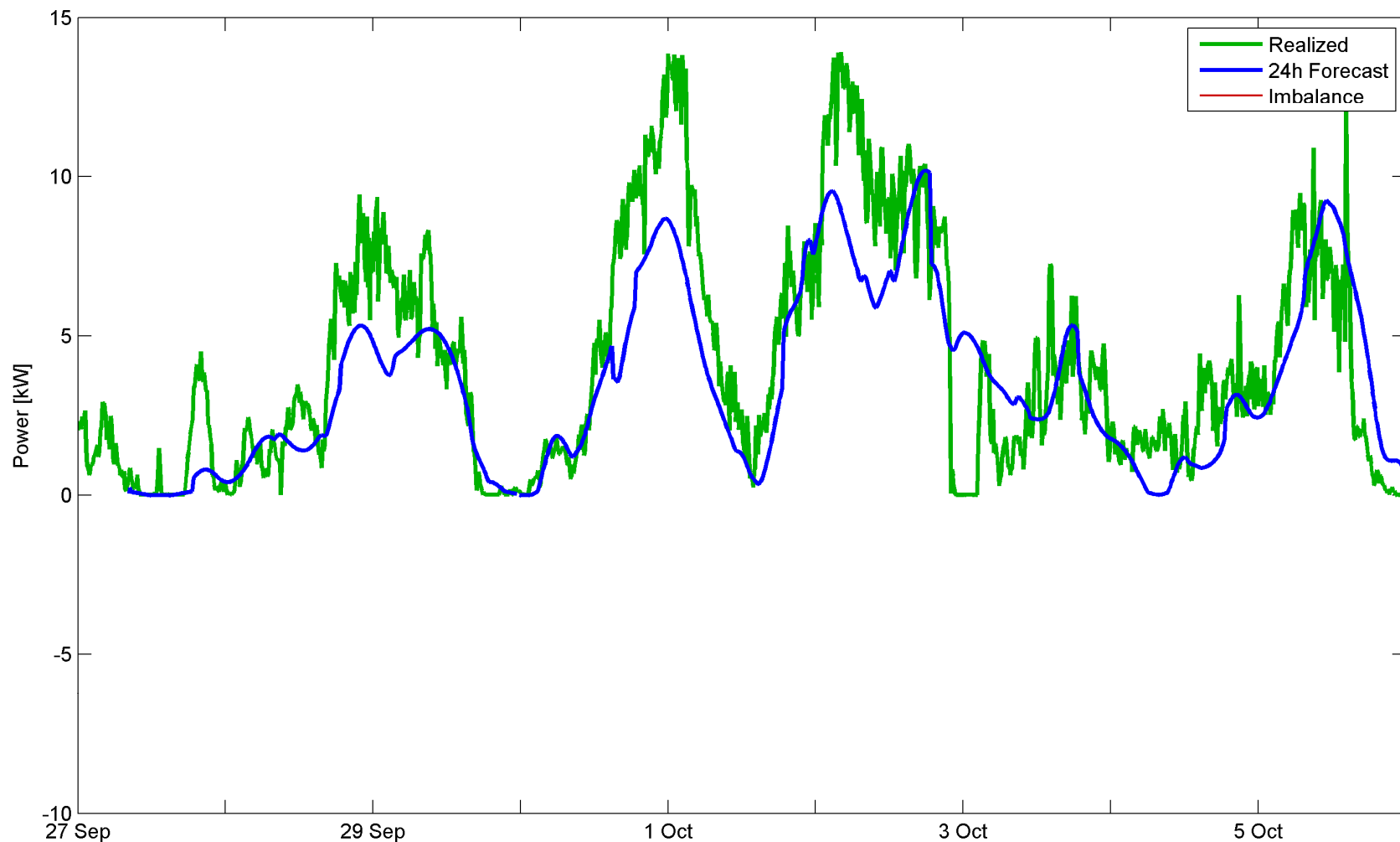




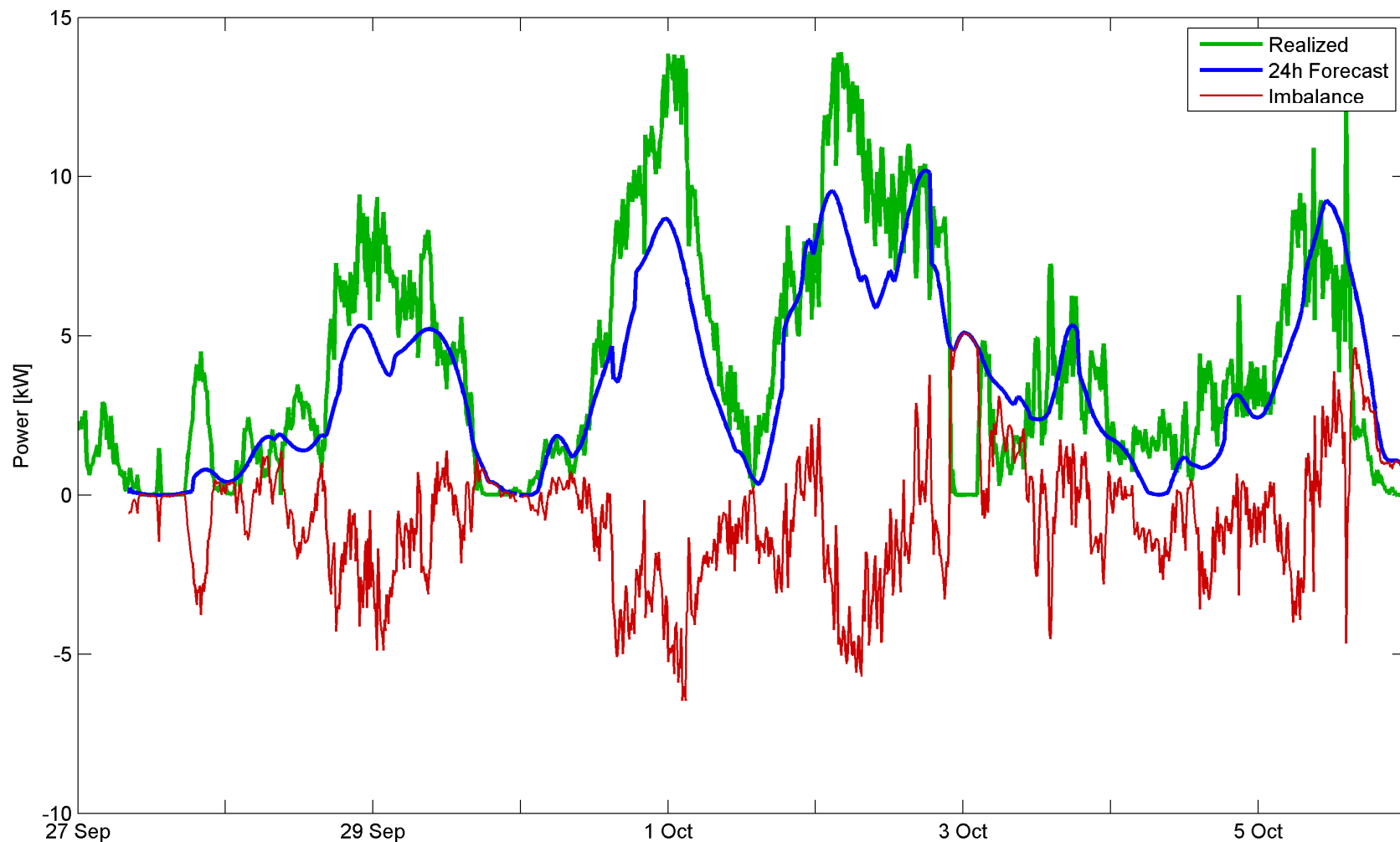
Wind imbalance reduction



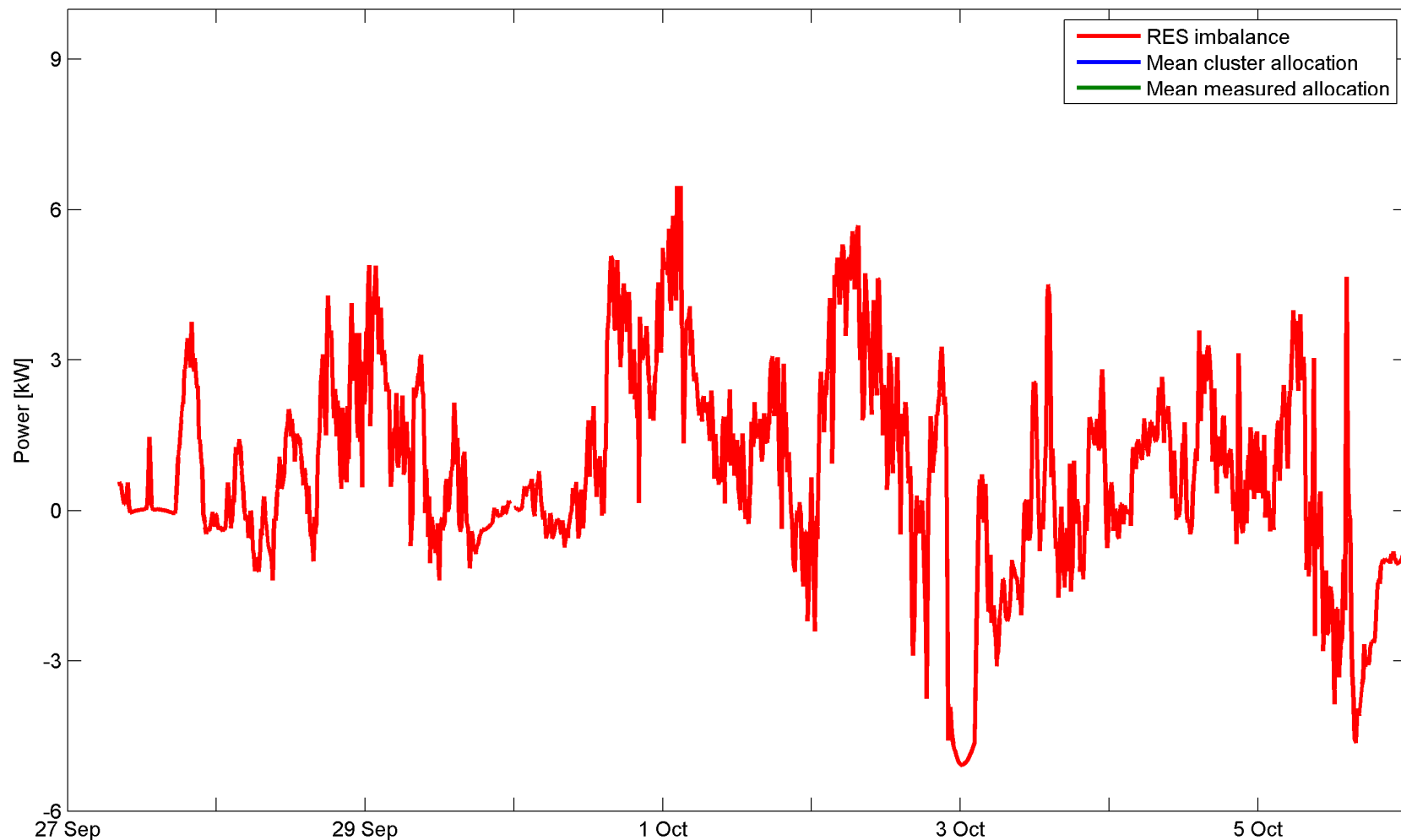
Wind imbalance reduction



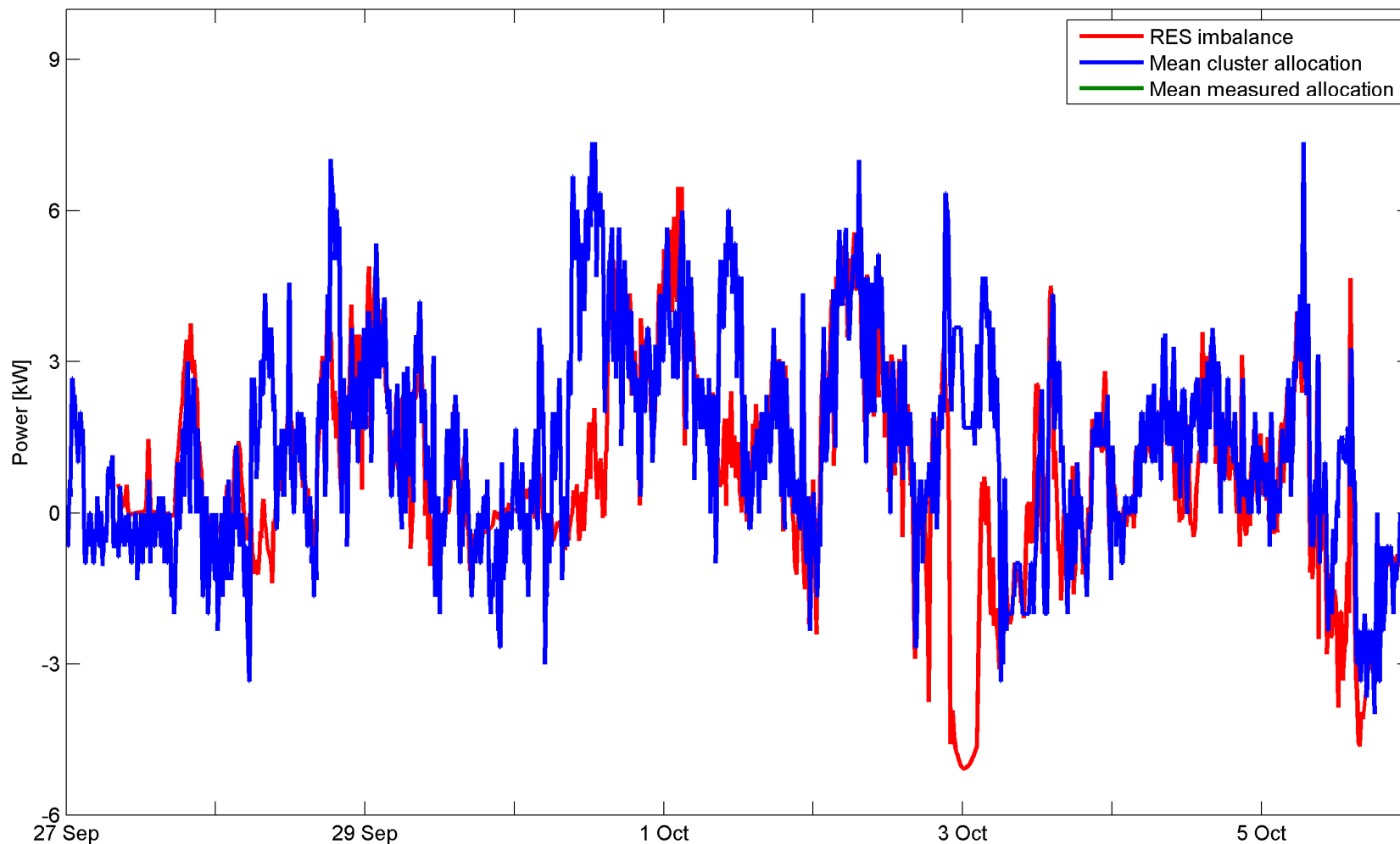
Wind imbalance reduction



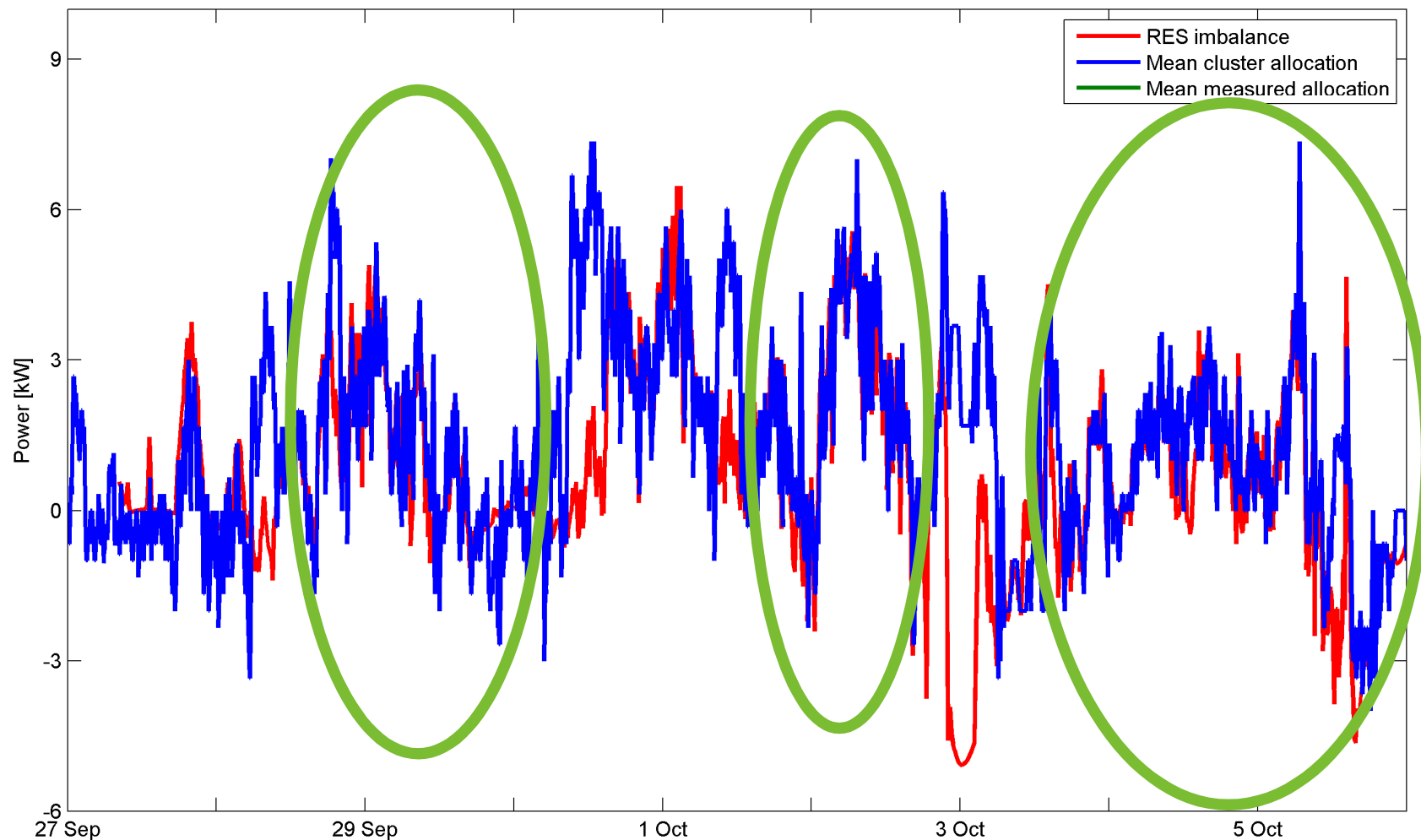
Wind imbalance reduction



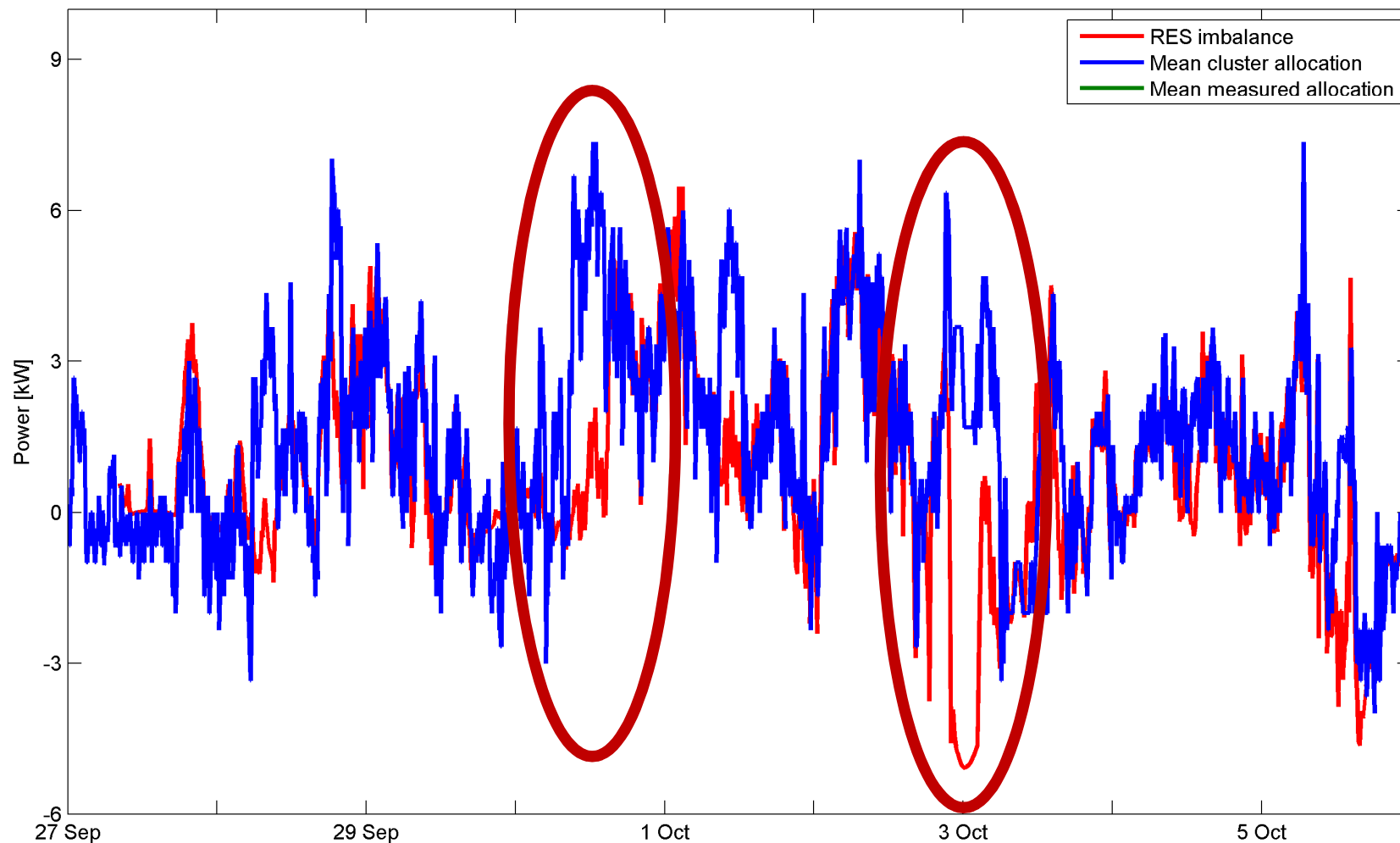
Wind imbalance reduction

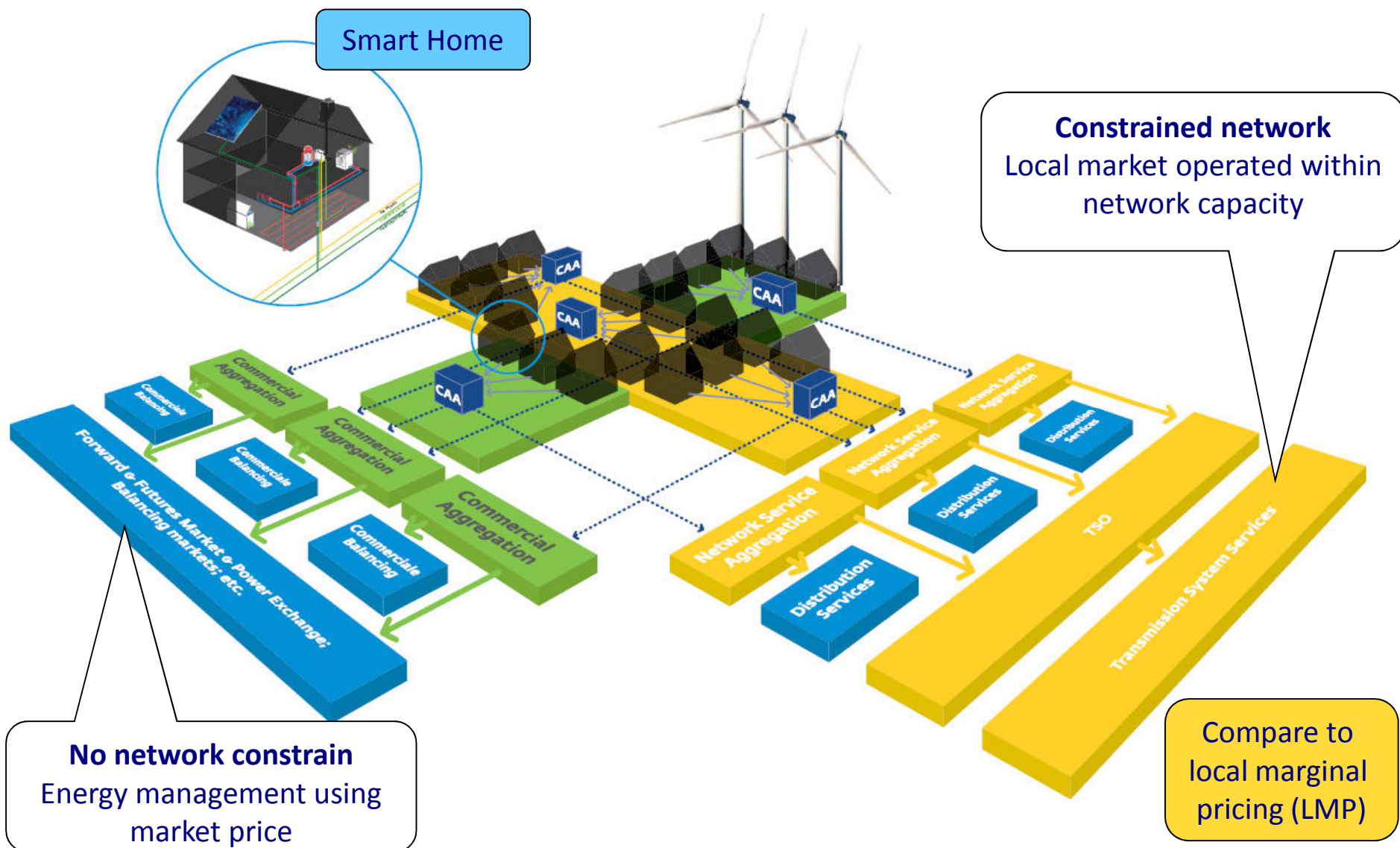


Wind imbalance reduction



Wind imbalance reduction





Bedankt voor uw aandacht

**P•WER
MATCHER**

roossien@ecn.nl

www.powermatcher.net

www.powermatchingcity.nl

www.integral-eu.com

INTEGRAL

An EU FP6 financed project

