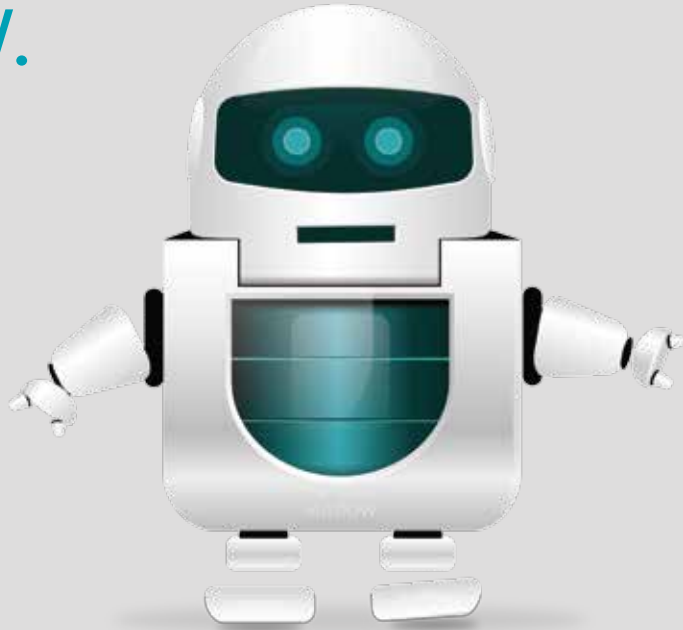


maslow.



meet maslow.  
smart energy storage  
for your solar powered home.

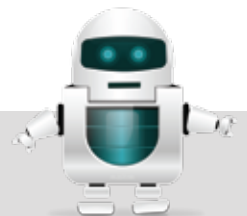
[www.meetmaslow.com](http://www.meetmaslow.com)

[www.moixatechnology.com](http://www.moixatechnology.com)

## Localised smart energy systems in homes

Smart Systems Summit 2014 London  
at the IoD, 1-2 October 2014  
[www.hvm-uk.com](http://www.hvm-uk.com)

Chris Wright - CTO - Moixa Technology  
[chris@moixaenergy.com](mailto:chris@moixaenergy.com)  
07798 796560



light your home with  
energy efficient  
DC LED lighting



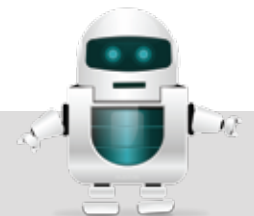
maslow stores the energy  
from your solar panel  
generate energy during the day...  
use it at night

- 1kWh and 2kWh versions
- internet connected
- wall mounted (briefcase size)



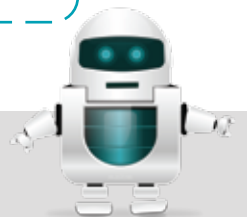
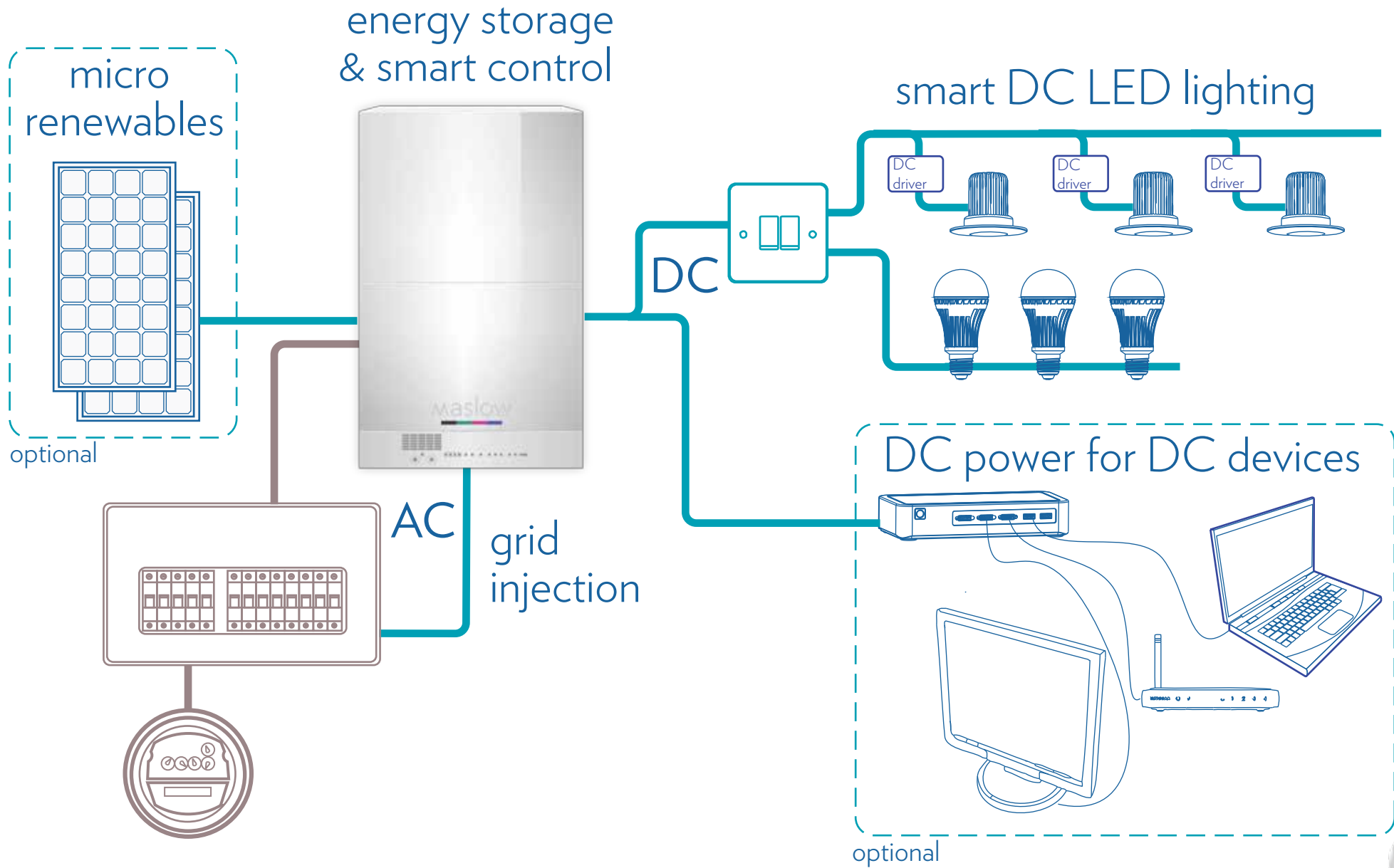
power the things  
you need everyday

**meet maslow.**  
smart energy storage  
for your solar powered home.



recharge your home.

# maslow. power lighting & electronics



# maslow. control & aggregation platform



interface to NG



system performance



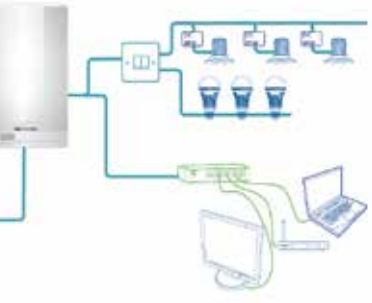
maslow systems



ethernet

GPRS

WiFi



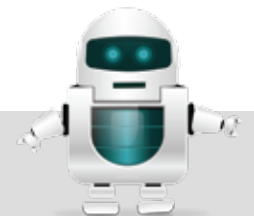
local substation live data

Push data  
1 min JSON

Push data  
1 min JSON



wind output data



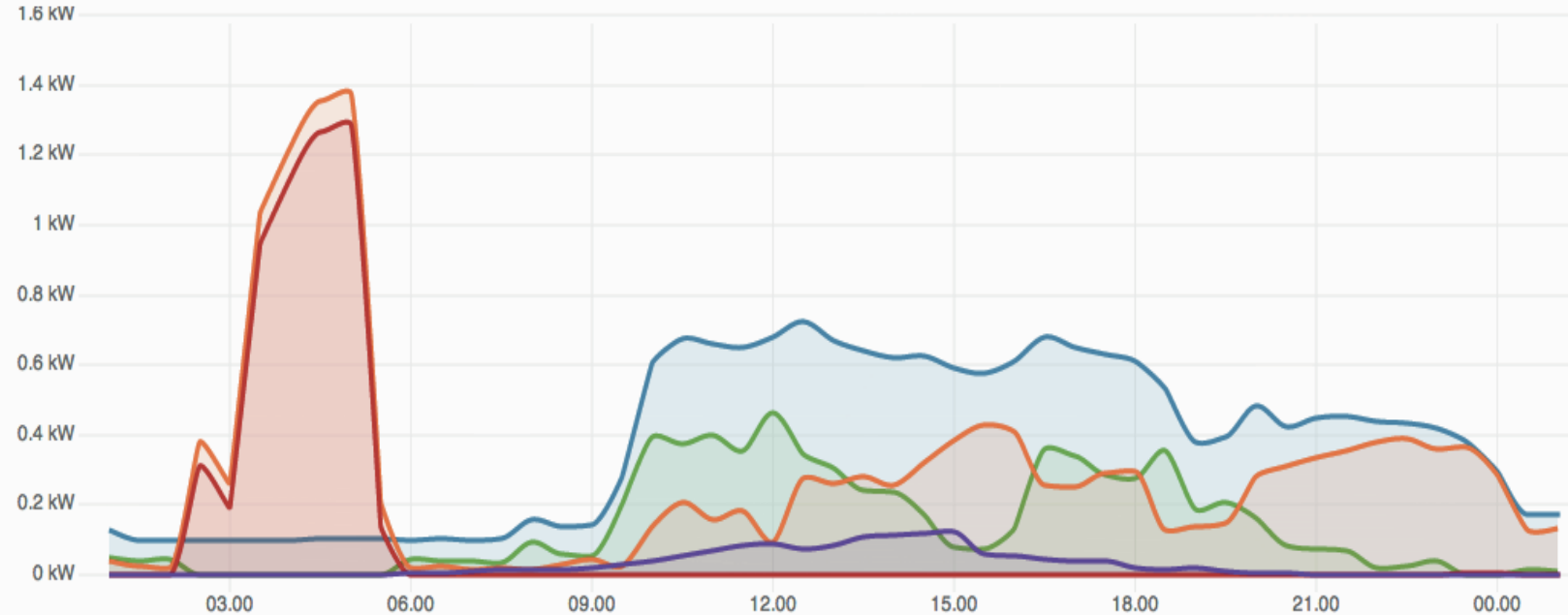
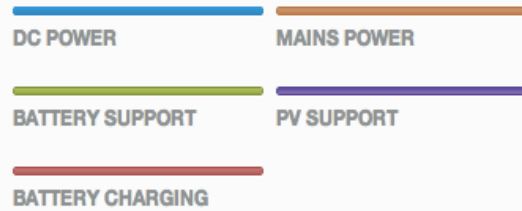


maslow. more homes than mountains with lakes...



# maslow. aggregate impact, peak energy shift

## Yesterday



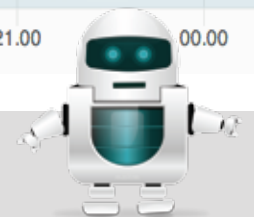
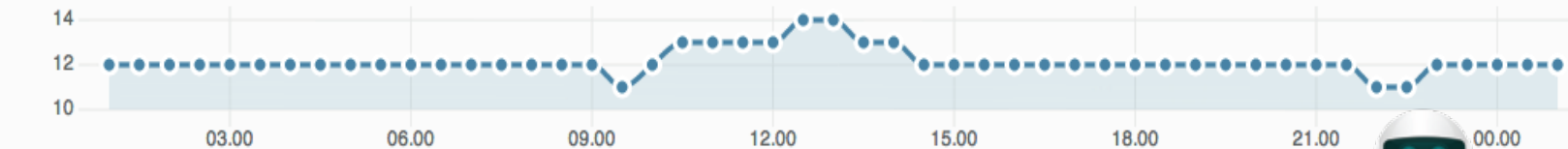
6.99 kWh

STORED ENERGY



12

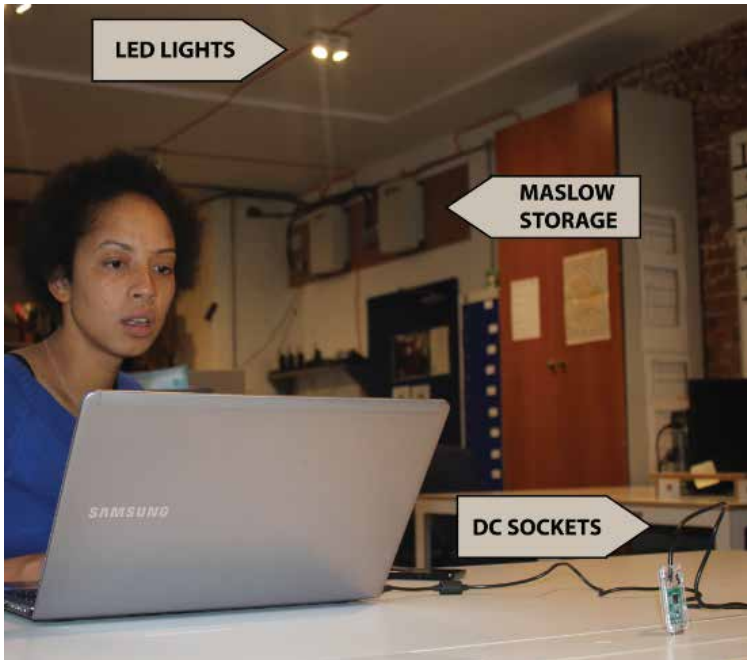
MASLOW UNITS ONLINE



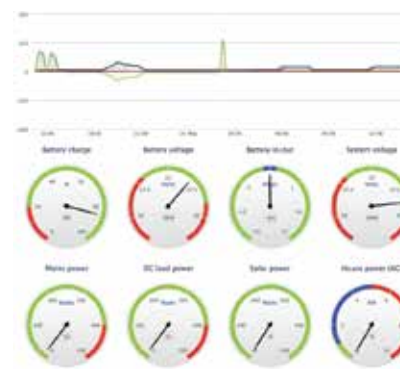
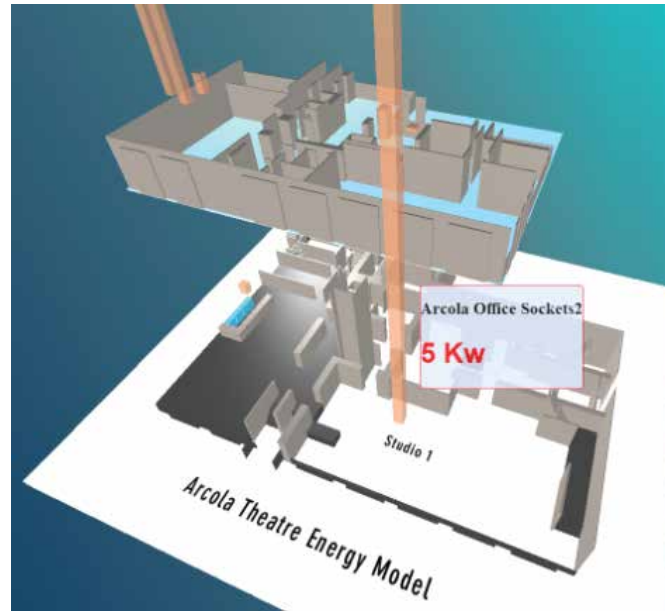


# maslow. data flow, from wall socket to city scale

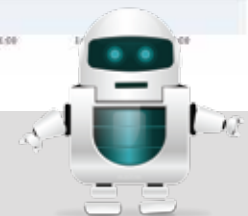
desk



building

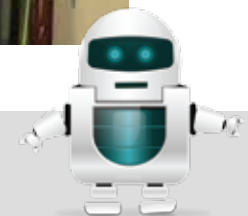
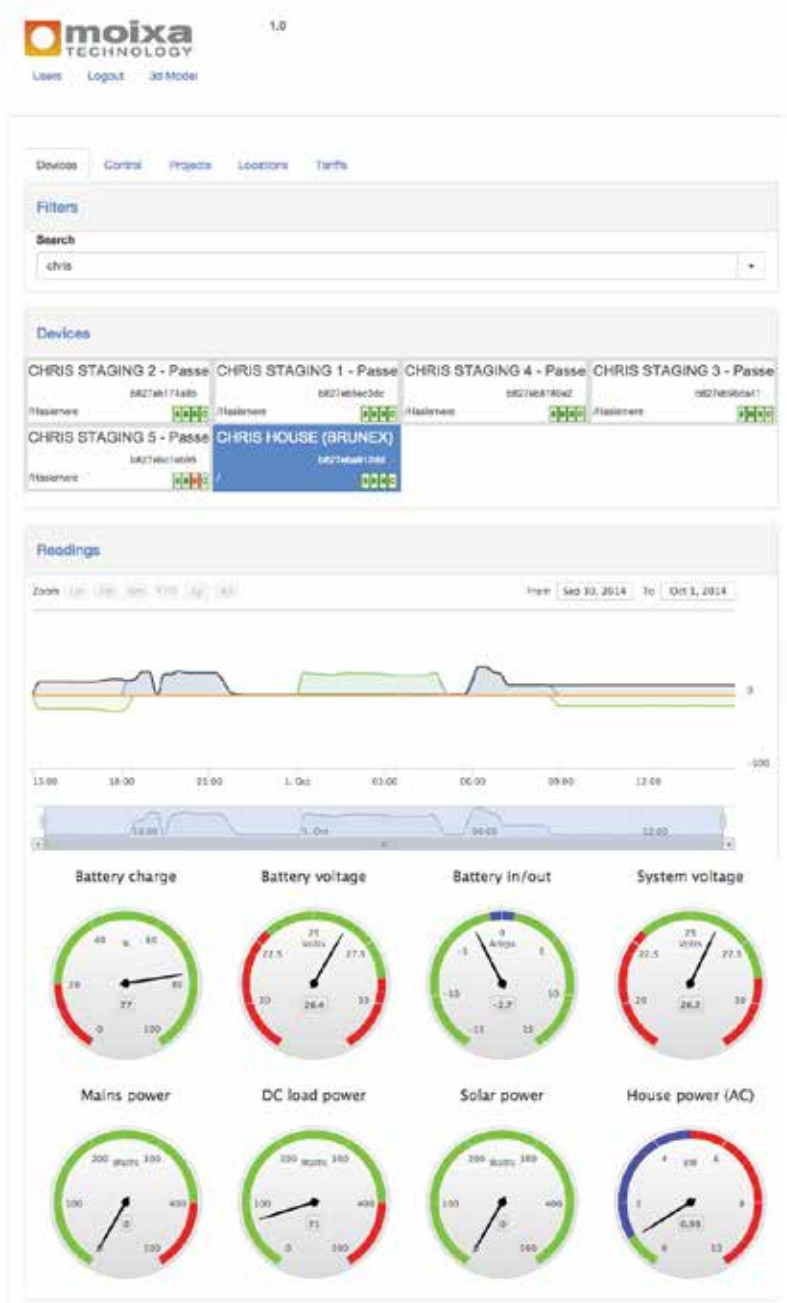


city



recharge your home.

# maslow. CW home system dashboard



recharge your home.



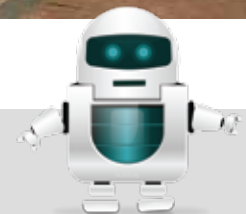
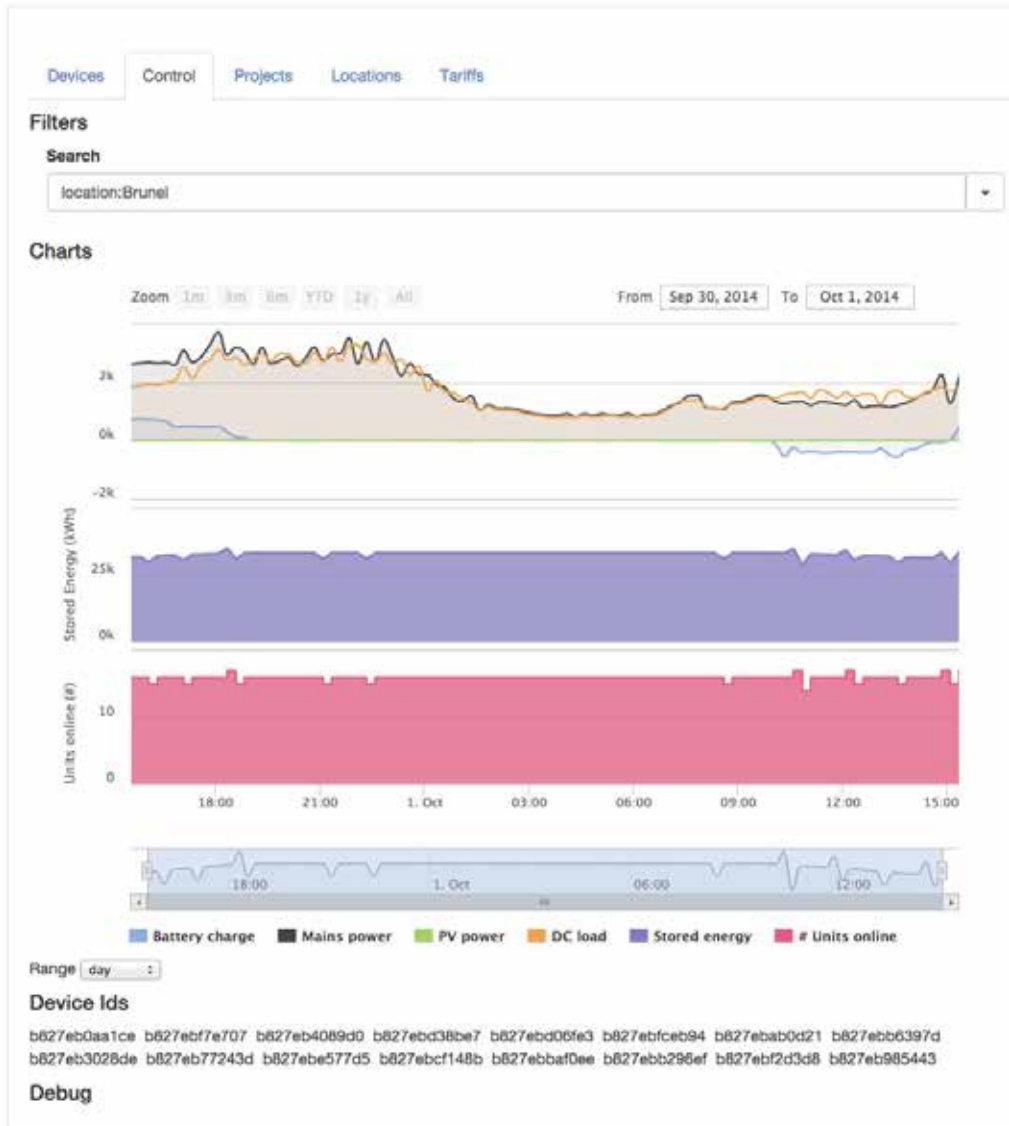


# maslow. Group control dashboard - Brunel



1.0

Users Logout 3d Model



recharge your home.



© 2014 Moixa Technology Ltd

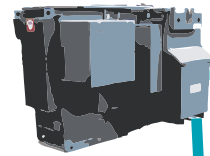
maslow.



# maslow. localised aggregate systems



electricity  
substation

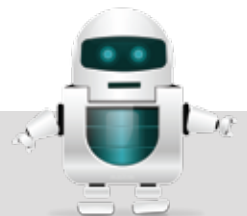


local clusters of maslow systems

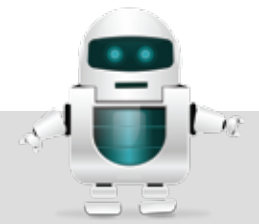
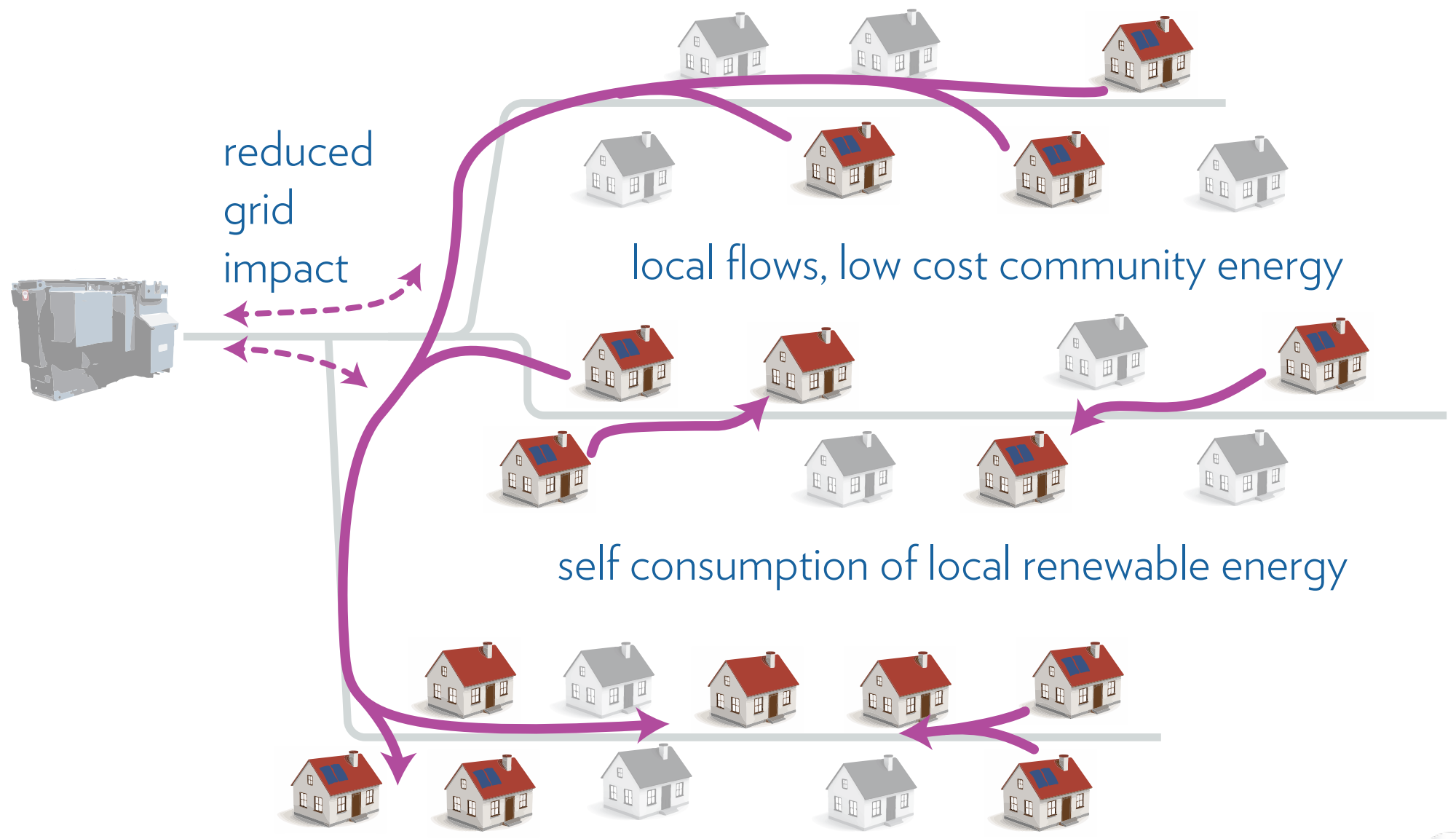
some, but not all with solar PV

localised self consumption increased,  
community energy benefits.

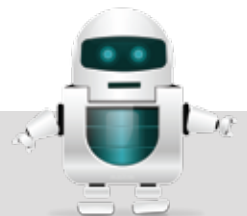
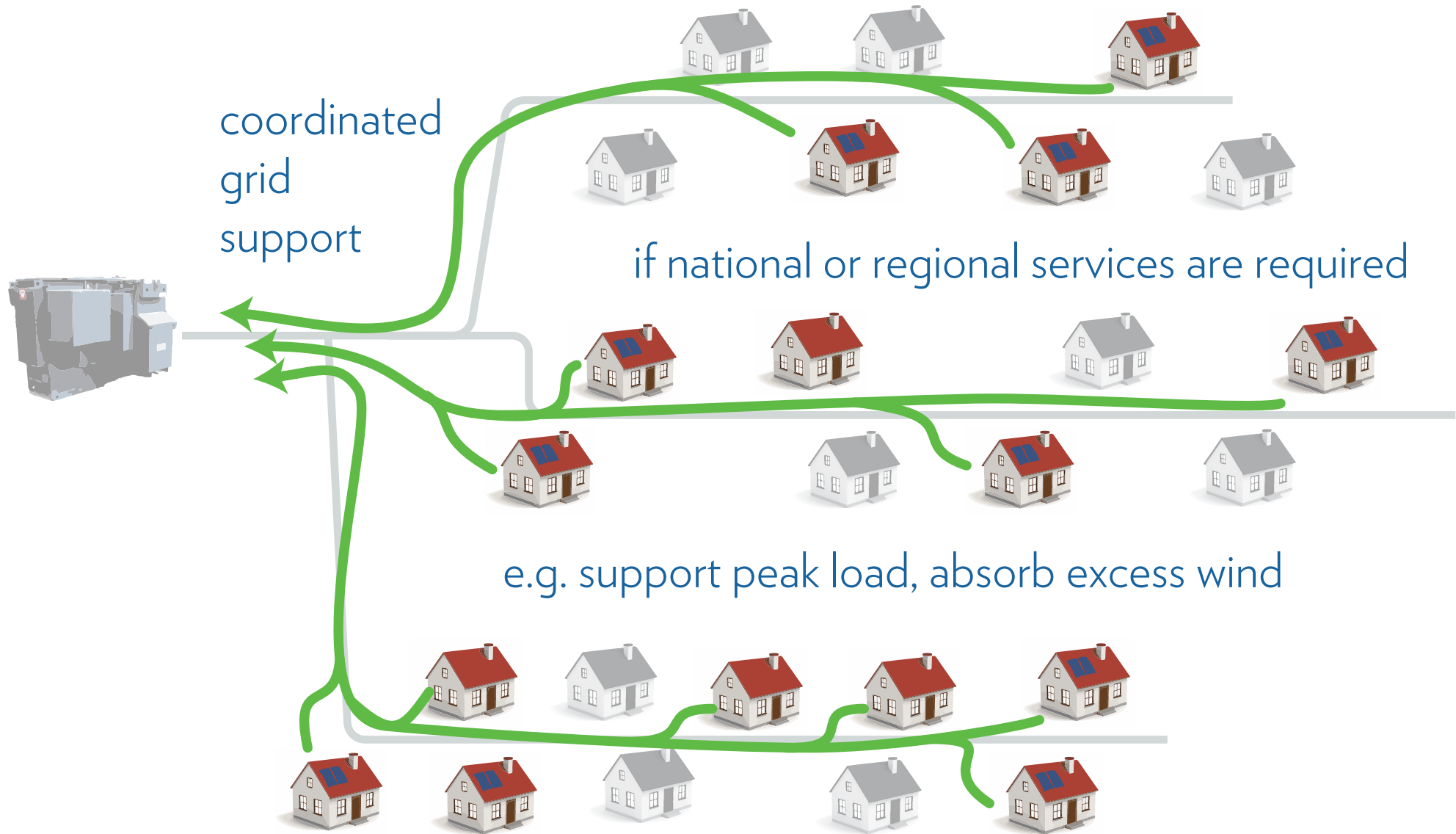
community energy  
control system,  
managing benefits  
& services



# maslow. local energy flows, low cost energy.

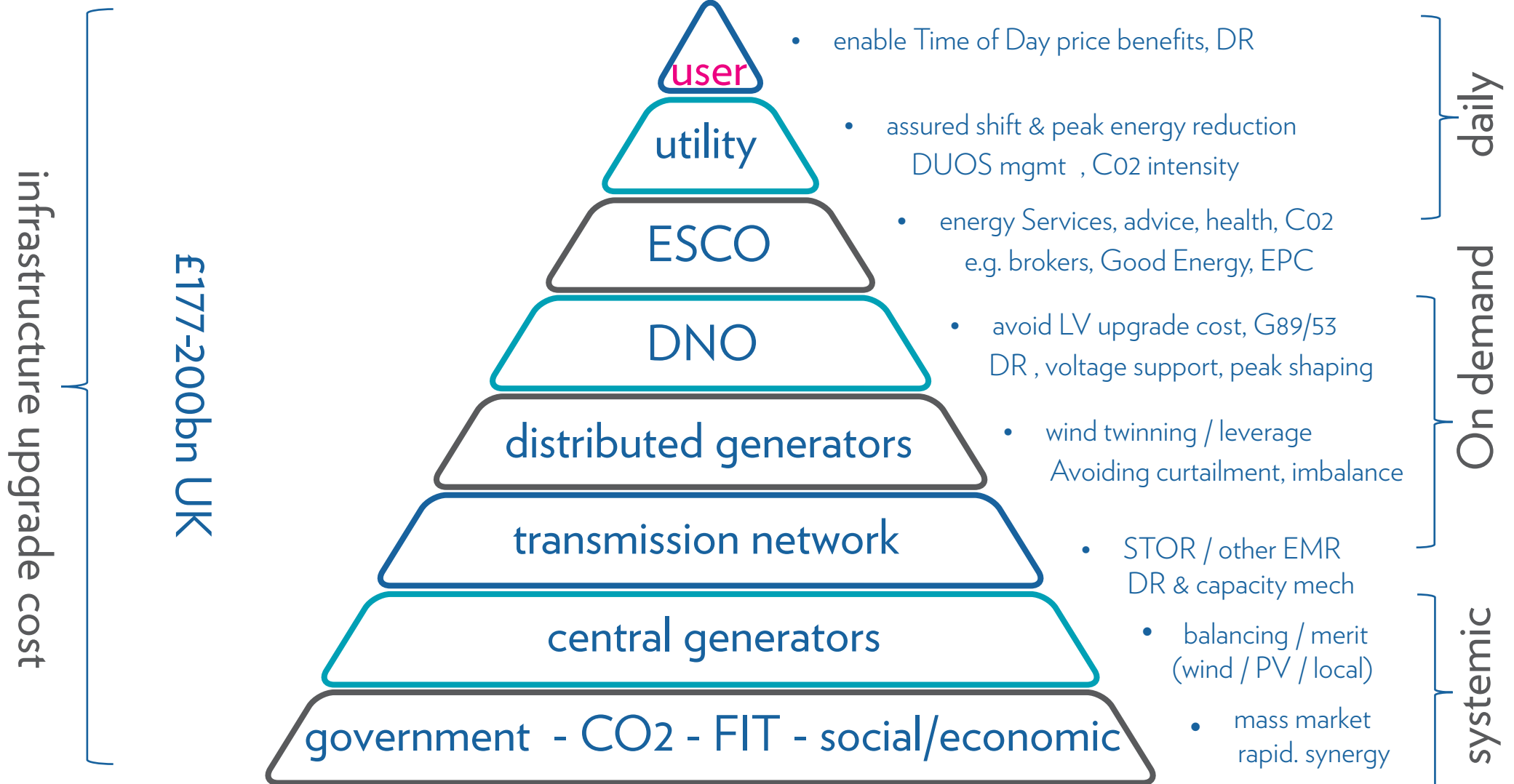


# maslow. coordinated action to support grid





# maslow. hierarchy of network benefits



# maslow. roll out & impact



Department  
of Energy &  
Climate Change

300 home demonstration contract  
0.5MWh aggregate. 2013 - 2015



consumer product launch  
march 2014

