

APSE Energy

Solar Car Ports and EV Charging
Nottingham
21 September 2016



Stephen Cirell Consultancy Ltd

The Context for Solar Power

Stephen Cirell



Stephen Cirell Consultancy Ltd



LEEDS
CITY COUNCIL



Stephen Cirell Consultancy Ltd

Introduction

- A timely event
- What today is about
- What we will cover



Background

- Solar is the most successful technology
- Progress has been affected by Govt policy
- Making the business case work



Progress to Date

- Solar farms
- Solar PV on buildings
- Car ports



Latest Developments

- What doesn't work
- Two options
 - Medium Term Strategy
 - Accelerated options



Accelerated Options

- Use power on site
- Private wire to a nearby user
- Sleeving
- ESCO
- Battery storage



Business Cases

- Composition of the business case
- The different values
- How to make the business case work



Car Ports

- Which category do they fall in?
- Local authority car parks & buildings
- Other alternatives



EV Charging

- Including EV charging in the plans
- Example from Cornwall Council
- Fit to other initiatives



Conclusions

- Car ports are currently viable
- A good way to start solar development
- NSC Guidance is a good starting point



Stephen Cirell

mobile: 07774 451 587

email: stephencirell@me.com

twitter: @stephencirell

web: www.publicsectorenergy.co.uk



Stephen Cirell Consultancy Ltd

The Context for Solar Power

Stephen Cirell



Stephen Cirell Consultancy Ltd