



Effectiveness of regulatory environment in driving non-network solutions

Or: **'Networks are from Mars,**
Non-network solutions are from Venus'

Ann Whitfield, Partner

Energy Networks Australia's seminar 'Great Expectations: The Interactive Grid',
Melbourne, 27 March 2019

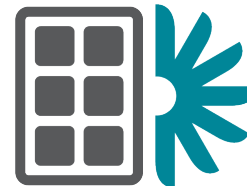
Non-network solutions/DER can contribute to efficient outcomes across the supply chain

Can reduce
wholesale market
dispatch and
investment costs



Efficient
alternative to
network
augmentation

May require
network
investment to
address constraints
on DER



Efficient
alternative to
meeting system
support
requirements

Non-network solutions/DER can contribute to efficient outcomes across the supply chain

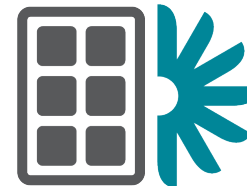
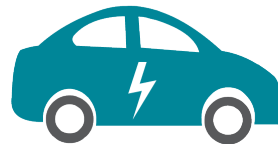
RIT-T, RIT-D

DMIS



RIT-T, RIT-D
Incentive schemes
(CESS/EBSS/DMIS/
network support
pass-through)

RIT-T, RIT-D



RIT-T/RIT-D
NPV assessment

+ DMIA/NCIPAP
provides funding
for trials

Mars and *Venus* in network planning

NNO aren't well specified

Networks want network solutions

NNO won't accept liabilities

The requirement for NNO aren't clear

Disputing the outcome is key to participating in the RIT

We need to avoid disputes, so timeframes don't blow-out

Effectiveness of regulatory framework relies on engagement

Early network planning stages

- Annual Planning Reports (TAPR, DAPR)
- DNSP Systems limitation template
- DNSPs have engagement obligations with NNO under NER

RIT-T/RIT-D

- ‘Engagement’ vs ‘submissions’
- Engage early at PSCR stage to understand network requirements and DER capabilities
- Draft and final reports: engage on the analysis



HOUSTONKEMP
Economists

Contact us

Sydney

Level 40
161 Castlereagh Street
Sydney NSW 2000

Phone: +61 2 8880 4800

Singapore

8 Marina View
#15-10 Asia Square Tower 1
Singapore 018960

Phone: +65 6817 5010

HoustonKemp.com