

FROM 8:30AM

REGISTRATION, TEA, COFFEE AND NETWORKING

9:15-10:15

INTRODUCTION: HIGHER STANDARDS, LOWER COSTS

5 mins	Introduction and welcome from the Chair	Elizabeth Reid , Partner, B&B
35 mins	Self-regulation through industry best practice <ul style="list-style-type: none"> European outlook from Chair of the SPE Task force Solar Power Europe best practice guidelines - <i>update</i> UK outlook from Chair of STA working group H&S guidelines – an evolving and maturing industry 	James Watson , CEO, SolarPower Europe Vassilis Papaconomou -Chair, SolarPower Europe O&M task force; MD, Alectris Vicki Ramsden -Chair STA O&M group Ypatios Moysiadis - Vice-Chair STA O&M WG Giangherardo Calini , Head of the Market Development Department, European GNSS Agency Marco Nisi , Head of Integrated GNSS solutions, Sistematica S.p.A.
20 mins	Focus on Innovation: Galileo System opportunities	

10:15-11:10

STANDARDISING O&M CONTRACTS – A BENEFIT FOR ALL

15 mins	Standardization templates for O&M contracts <i>A publically accessible and standardized bankable O&M contract to help the development of solar globally</i> <ul style="list-style-type: none"> Announcement of new template contracts Simplification and standardization saves money 	Nicole Iseppi - Terarawatt Initiative, Coordinator of the Global Solar Energy Standardisation Initiative Vassilis Papaconomou -Chair, SolarPower Europe O&M task force; MD, Alectris
20 mins	Standardization – why it makes sense for O&M <ul style="list-style-type: none"> How can standardization help the market grow Opportunities and challenges for different stakeholders Where are the cost savings Why does simplification matter Can standardization push innovation What next? The future of O&M standardization 	Panel Discussion Moderator: Vassilis Papaconomou -Chair, SolarPower Europe O&M task force; MD, Alectris <u>O&M Providers:</u> Oliver Niedhöfer , Operations Director, Baywa r.e. OS Robin Hirschl , MD, ENcome Alfredo Beggi , Stern Energy Sophie Dingenen , Partner, B&B
20 mins	Standardization – will asset owners and managers standardize <ul style="list-style-type: none"> Opportunities and challenges for asset owners and managers Response to the O&M template contract What would asset owners like to see in a template contract How to balance risks More flexibility and simpler change management 	Panel Discussion Moderator: Elizabeth Reid , Partner, B&B <u>Asset Owners + Asset Managers:</u> Juan Fernandez - Head of Asset Management & Integration, Sonnedix Robert Rabinowitz , Head of Generation, Mongoose Energy Iain Davidson , VP, Equitix Valerio Pelizzi , Head of O&M, Bluefield Operations

11:10-11:40

COFFEE AND NETWORKING BREAK

11:40-13:00

PLANT OUTAGES – IMPROVING THE OUTLOOK FOR ASSET OWNERS

20 mins

Plant outages – facts and proposed solutions

- Summary of production losses over 2GW assets
- Scheduled and unscheduled outages
- Analysing the data
- STA conclusions and proposed solutions
- Change management and best practice

Declan O’Halloran-MD, Quintas Energy

40 mins

Panel Discussion
Working with the DNO’s – mitigating production losses

- What is being done to engage with the solar sector
- What is working and what isn’t working
- What are the highest causes of production losses
- What regulatory changes can Ofgem put in place to benefit both DNOs and solar asset owners

Moderator:
Matt Black, Senior Investment Manager, Foresight

Invited DNOs:
Mark Adolphus, Director of Connections, UKPN

Sean Sullivan, Control Centre Manager, WPD

David Mobsby, Network Operations Manager, SSE

Roberto Zangrandi, Secretary General, EDSO for Smart Grids

Chris Brown, Head of connections and constraint management, Ofgem

20 mins

Sharing generation data & forecasting

- How does the NG ‘balance’ the network
- How is intermittent generation reported
- What can be forecasted
- Can outages be mitigated through data sharing
- How will storage change the current status

National Grid presentation from forecasting team:

Rob Rome, Commercial Operations Manager

Giampaolo Panizio, Forecasting Manager

13:00-14:00

LUNCH

14:00-15:15

RELEASING PROJECTS FROM CONSTRUCTION LIABILITY PERIODS

15 mins

Final Acceptance (FAC) – releasing projects from construction liability periods
Reflection on projects which have achieved final acceptance – what has been learned that can reduce issues for newer projects?
Presentation: Vicki Ramsden, Wise Energy

30 mins

Key considerations for EPC’s: Panel Discussion

- New issues raised at FAC, not at PAC
- Land management matters – who is responsible?
- Resources required to close issues
- Agreeing the contract retention payment

Moderator: Jonathan Selwyn, Chairman, STA

Giles Clark, MD, AISi Consulting

Tim Humpage, Head of EPC, BSR

Elizabeth Reid, Partner, B&B

Sarah Barber, Senior Engineer, DNV GL

- 30 mins **Priorities for Asset Owners: Panel Discussion**
- Ensuring an asset will run optimally to the end of its life
 - Ensuring all contractual obligations have been met
 - Ensuring prompt completion
 - Minimising any economic loss

Moderator: Tess Sundelin, MD, Baywa r.e. OS

Julian Elsworth -Senior Portfolio Manager, Foresight

Lee Moscovitch, Director, Greencoat Capital

Joe Miletic, Head of Solar Asset Management, John Laing

Jeremy Parkes, Head of Asset Management, Belltown Power

15:15-15:45 NETWORKING BREAK

15:45-16:45 INNOVATIONS IN O&M

- 25 mins **PV plant maintenance: Innovative Solutions and Concept of Operations**
- **Visual Track**
 - **Solar Meter**
 - **PV Watch**
 - **EASY-PV**

Marco Nisi, Head of Integrated GNSS solutions, Sistemica S.p.A.

- 35 mins **What could transform the provision of O&M over the next 5-10 years - Panel Discussion**
- Predictability and insurability of plant failures (**Axis Capital**)
 - Sustainability, biodiversity and O&M (**TCO-Solar**)
 - What will be the impact for storage O&M
 - What will transform future data flows

Moderator: Ypatios Moysiadis, Senior BD & Sales Manager, Baywa r.e.OS

Nick Evans, Renewable Energy Underwriter, Axis Capital

Wolfgang Rosenberg, TCO-Solar

Lefteris Pliakos, Director, Metka-EGn

Paul Davis, IBM Energy & Utilities

16:45-17:30 O&M AND ASSET MANAGERS – SOLIDARITY FOR THE FUTURE

- 45 mins **How will new asset investment learn from past mistakes**
- What **'frustrates'** asset owners/mangers about O&M?
 - What **'frustrates'** O&M when dealing with asset owner?
 - What are the weaknesses of **your** sector?
 - What are the priorities for an asset owner, asset manager and O&M provider?
 - What measures could be taken to resolve conflicts?
 - What advice would you give for an improved future?
 - Utilizing SPE and STA meetings to facilitate change

Panel Discussion

Moderator: Giles Clark, MD, AISi Consulting

Tobias Bittkau, Global Services MD, BayWa r.e. OS

Adele Ara, Director of Asset Management and Commercial Rooftop, Lightsource

Francesco Girardi, Senior Director, Bluefield Partners

Tom Rosser, Head of Solar Asset Management, Octopus

Dan Kirk, CEO, Magnetar

17:30-20:00 NETWORKING AND CHRISTMAS DRINKS RECEPTION

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