

# Power Curve Working Group Agenda

Impact of 'non-standard' inflow  
5th Meeting, Wednesday 4th December 2013, SSE, Glasgow

**Theme:** The 1<sup>st</sup> meeting gave a clear statement of the problem. The 2<sup>nd</sup> meeting examined possible solutions. The 3<sup>rd</sup> meeting put some of those solutions into practice. The 4<sup>th</sup> meeting consolidated the learning by examining new datasets. The 5<sup>th</sup> meeting will focus on validating the candidate correction methods against real data.

## Welcome/Registration:

- 9am-10am: Tea/Coffee will be available.

## Morning Session: 10am-1pm

- 10.00 – 10.05 “Welcome” Daniel Stevens (SSE)
- Analysis of Validation Dataset 1
  - 10.05 – 10.15 “Validation Framework and Dataset 1 Overview” Peter Stuart (RES)
  - 10.15 – 10.30 “Dataset 1 Colour Map Analysis” Tomas Blodau (REPower)
  - 10.30 – 10.45 “Rotor Equivalent Wind Speed: One Power Curve or Two?” Axel Albers (WindGuard)
- Additional Validation Analysis
  - 10.45 – 11.00 “GL DNV Validation Analysis” Richard Whiting (DNV GL)
  - 11.00 – 11.15 “RES Validation Analysis” Alex Clerc (RES)
  - 11.15 – 11.30 “EDF Validation Analysis” Jared.Kassebaum (EDF)
- Additional Open Datasets (11.30 – 12.00)
  - Proposed SSE/Sgurr Dataset Dan Stevens (SEE) & Ralph Torr (Sgurr)
  - Proposed RES Dataset
  - Discussion: potential for other datasets?
- 12.00 – 12.15 “Rotor Equivalent Wind Speed and Turbulence Renormalisation Implementation in OpenWind” Nick Robinson (AWS TruePower)
- 12.15 – 13.00 Morning Discussion Session (Moderated by Peter Stuart )
  - Rotor Equivalent Wind Speed Consensus Analysis
  - Turbulence Renormalisation Consensus Analysis
  - Possible public distribution of Consensus Analysis.
  - Inner /Outer Range Statement Document Discussion

**Lunch:** 13:00 – 14:00

**Afternoon Discussion Session Part 1: 14:00 – 15:30 (Moderated by Andrew Tindal GLGH)**

- 14:00 – 14:15 “One year on, A review of Working Group progress to date” (Andrew Tindal DNV GL)
- Open Discussion
  - Discussion of issues raised in presentations
  - Round robin of views of Manufacturers present – verbal or brief slides
- 15.30 – 15.45 Tea/Coffee Break

**Afternoon Discussion Part 2: 15.45 – 17.30 (Moderated by Andrew Tindal GLGH)**

- Next steps for working group
- Wrap Up, Conclusions (20 minutes)
- Continued Public Distribution of Minutes and Presentations (5 minutes)
- Venue for next meeting (5 minutes)

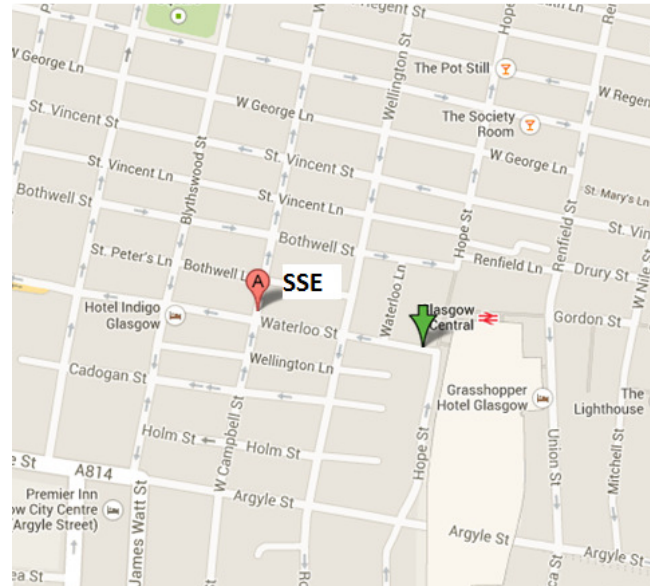
**Minutes of and Presentation of Previous Meetings:**

<http://www.ewea.org/events/workshops/resource-assessment-2013/power-curve-working-group>

## Venue

The meeting will take place at SSE's office in Glasgow. **Please ask for Daniel Stevens at reception.**

SSE  
1 Waterloo Street  
Glasgow  
G2 6AY



## Hotels

Crown Plaza (25 minute walk or 7 minutes in taxi)

[http://www.ihg.com/crowneplaza/hotels/us/en/glasgow/glwcr/hoteldetail?cm\\_mmc=GoogleMaps-\\_-cp-\\_-GBEN-\\_-glwcr](http://www.ihg.com/crowneplaza/hotels/us/en/glasgow/glwcr/hoteldetail?cm_mmc=GoogleMaps-_-cp-_-GBEN-_-glwcr)

Hilton Garden Inn Glasgow City Centre (20 minute walk or 5 minutes in taxi)

<http://hiltongardeninn3.hilton.com/en/hotels/united-kingdom/hilton-garden-inn-glasgow-city-centre-GLACCGI/index.html>

## Transport

Glasgow has good air and train connections. The venue is approximately 20-30 minutes from the airport by taxi.