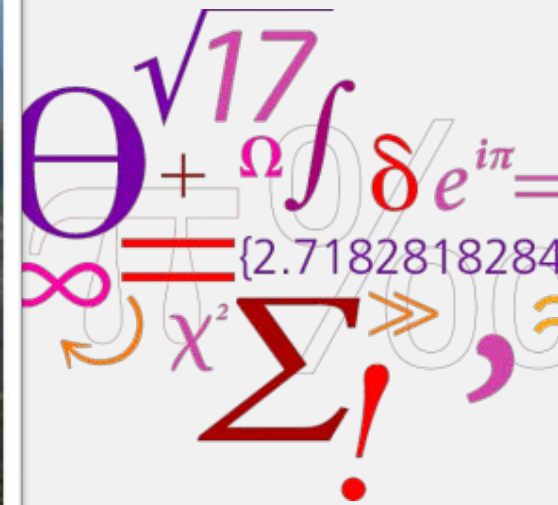


Complex terrain case, Hill of Towie, October 2016- January 2017



A. Vignaroli, DTU Wind Energy



Measurement Campaign 3 (MC3) – Complex Terrain

Hill of Towie

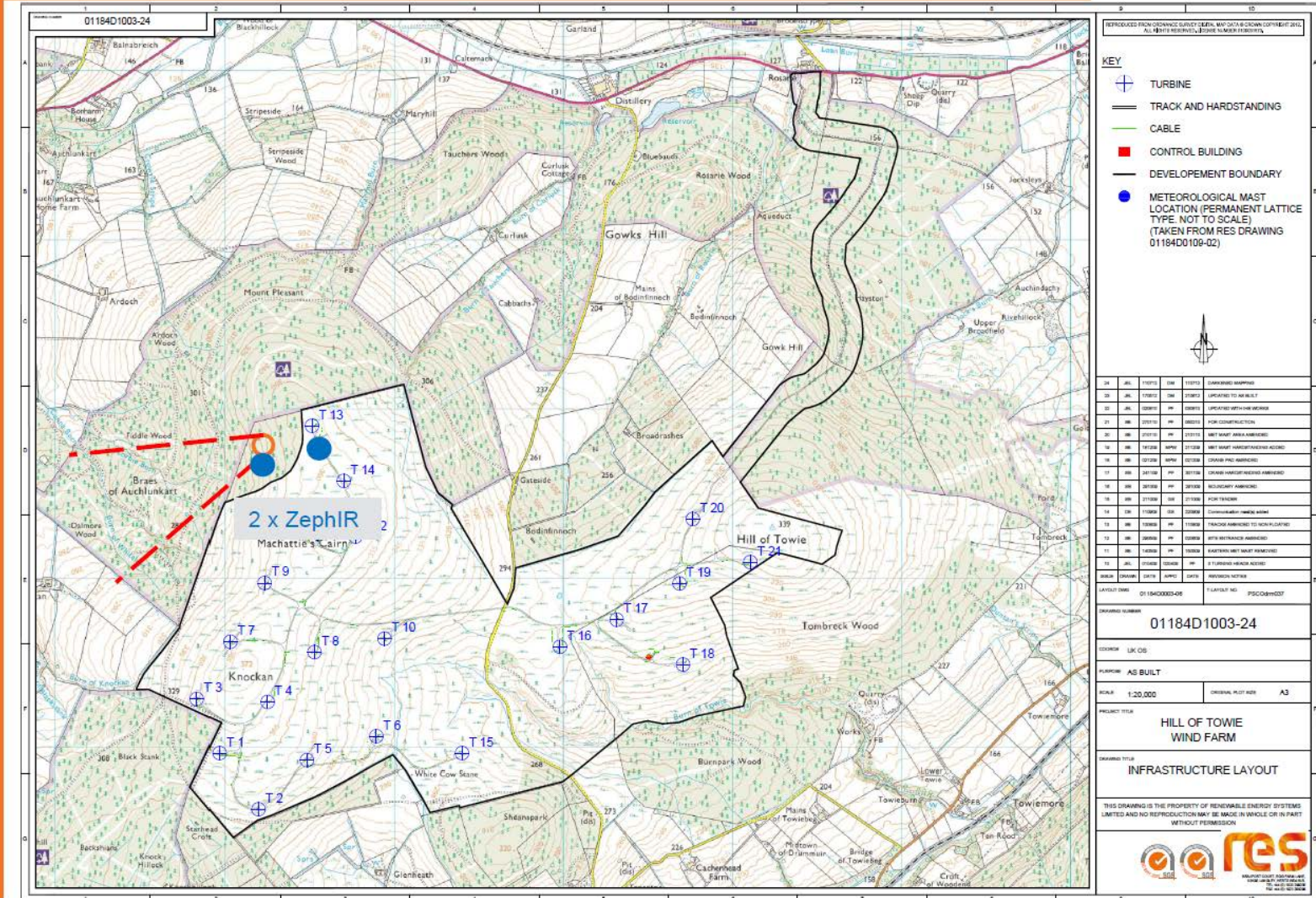


- Located near Keith, a town in Speyside, Scotland
- Turbine type Siemens 2.3, 59m HH with a 82m rotor
- IEC Compliant Power Curve Test Feb 2011 - April 2014
- Unfortunately reference tower has been removed



Site calibration with two ground based lidars

Hill of Towie



Nacelle Lidars for Hill of Towie



.. and turbine SCADA data

Questions?