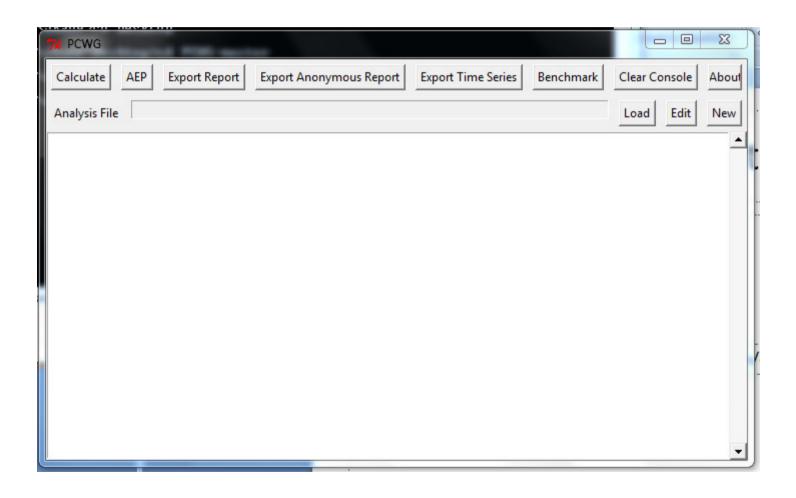
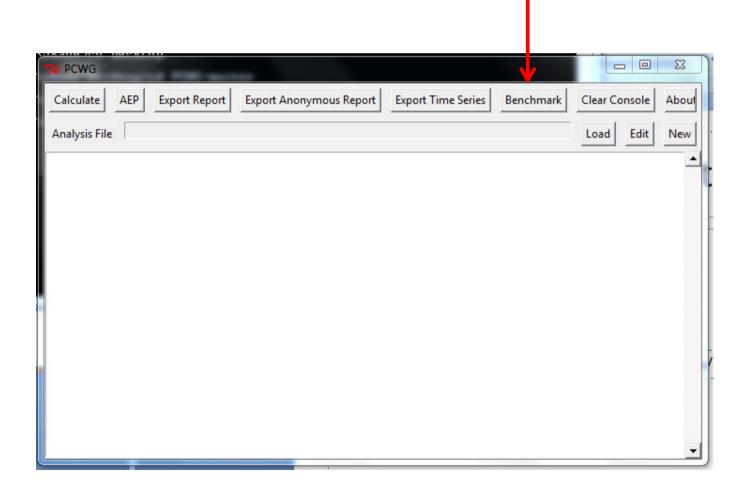
PCWG Data/Intelligence Sharing

Dress Rehearsal Exercise

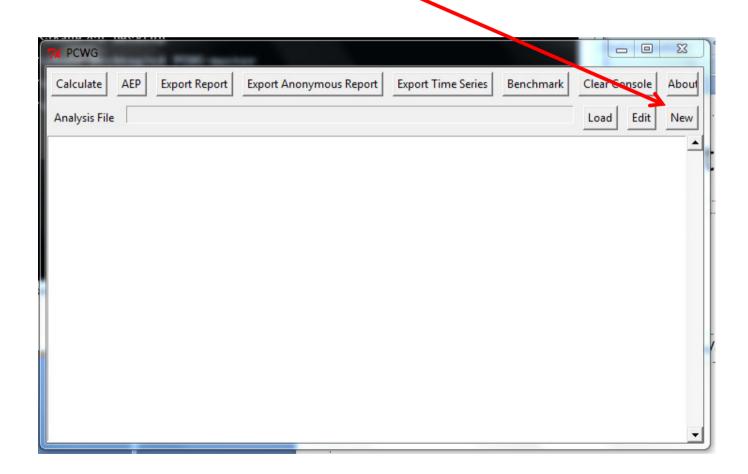
PCWG Tool



Unit tests verifies tool is consistent with round robin results.



Let's create a new analysis XML.



General Settings:

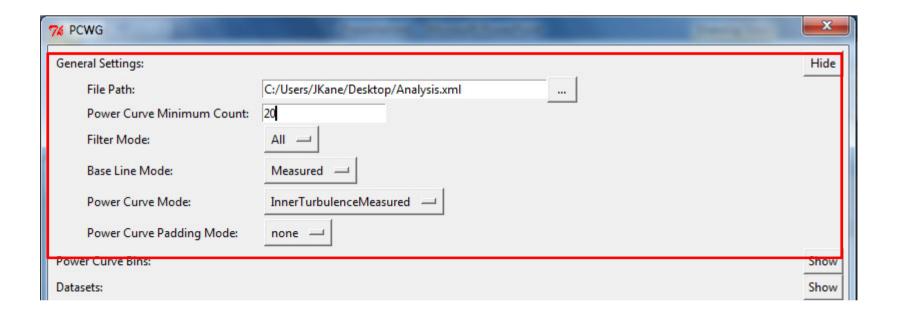
• Path to XML.

• Power Curve Minimum Data Count: 20

• Filter Mode: All

Power Curve Mode: InnerTurbulenceMeasured

• Padding Mode: None



Power Curve Bins:

• First Bin Centre: 1

• Last bin Centre: 30

• Bin Size: 1



Data Sharing Exercise

(Skip datasets for now...)

Inner Range Settings:

Turbulence

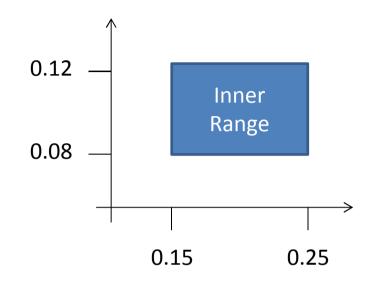
• Lower: **0.08**

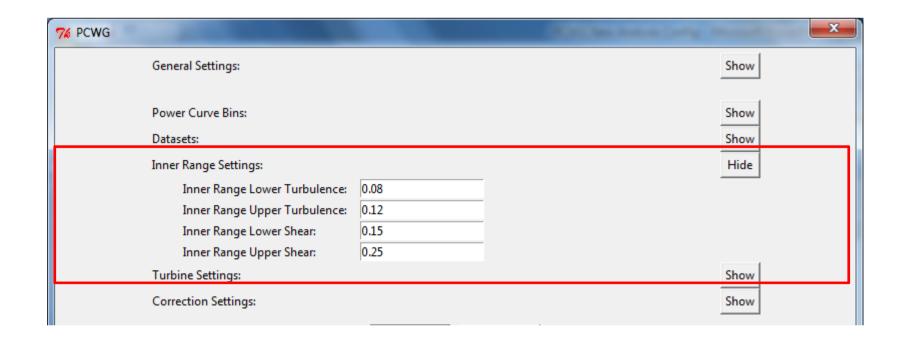
• Upper: **0.12**

• Shear

• Lower: **0.15**

• Upper: **0.25**





Data Sharing Exercise

Turbine Settings:

• Cut In Wind Speed: 3.0

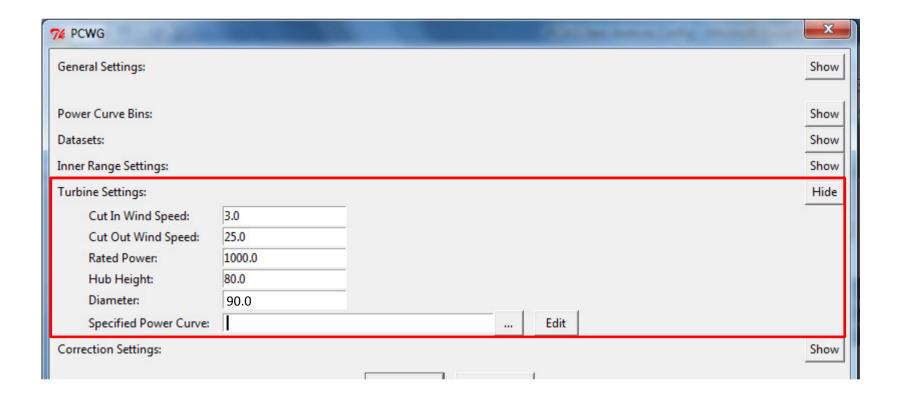
• Cut Out Wind Speed: 25.0

• Rated Power: 1000 [kW]

• Hub Height: 80

•Diameter: 90

•Specified Power Curve: Browse to PowerCurve.xml in Data folder.



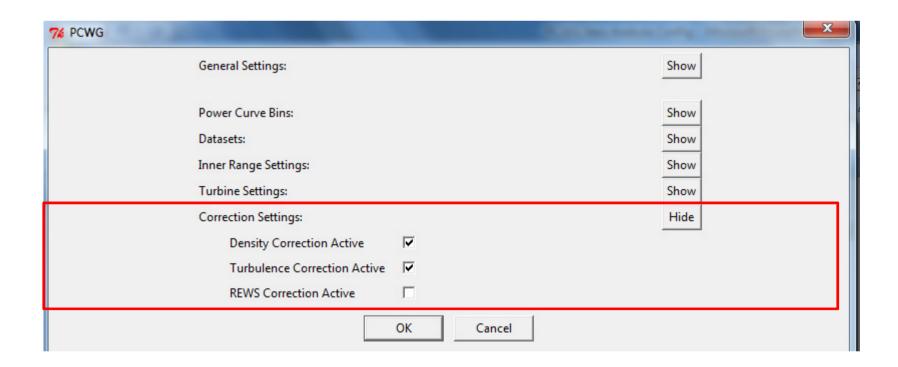
Data Sharing Exercise

Correction Settings:

• Density Correction: TRUE

• Turbulence Renormalisation: TRUE

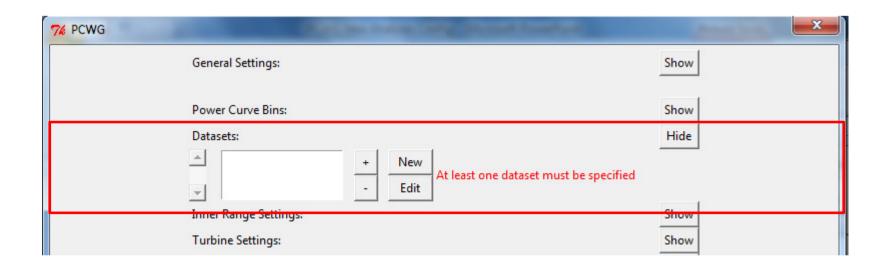
• REWS Correction Active: FALSE



Datasets:

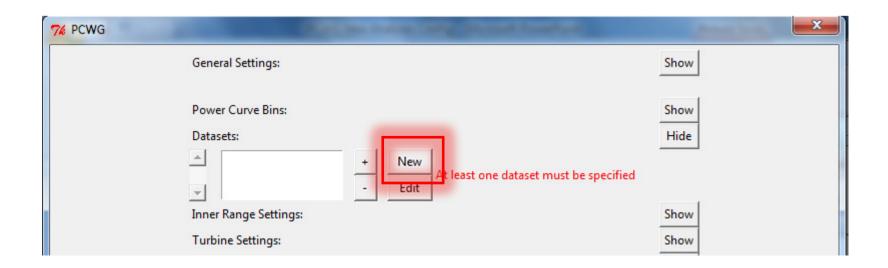
Multiple datasets allowed.

For this exercise – 1 dataset each.

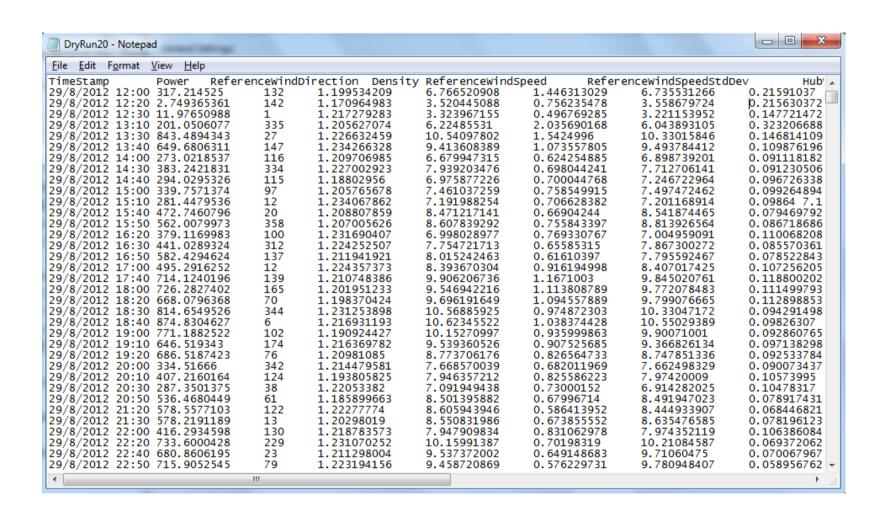


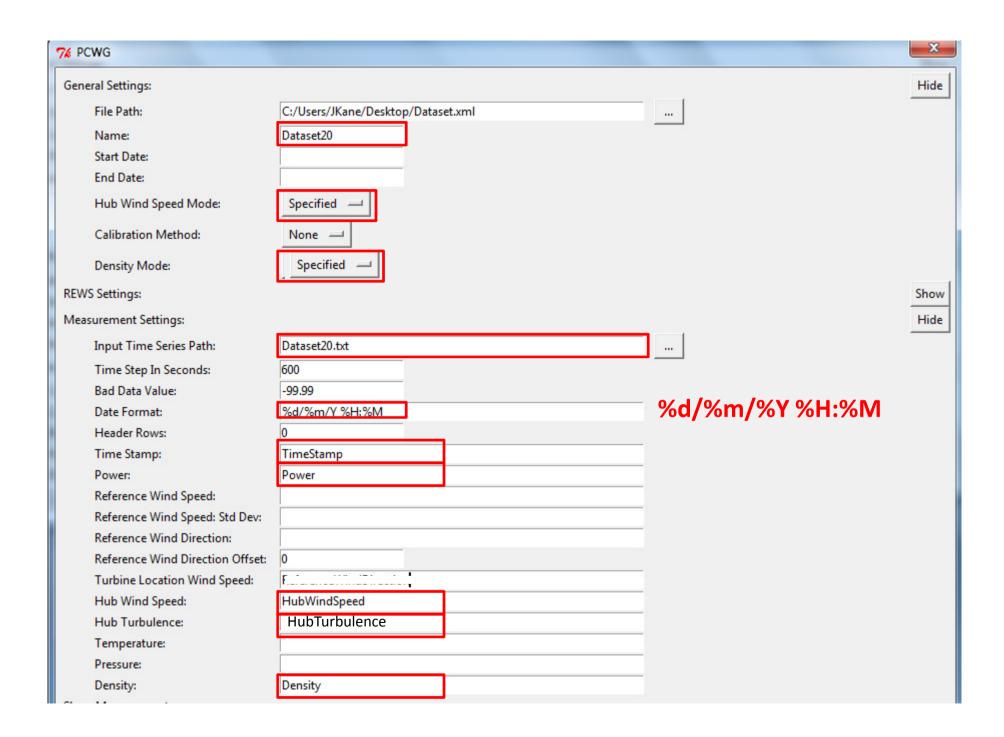
Datasets:

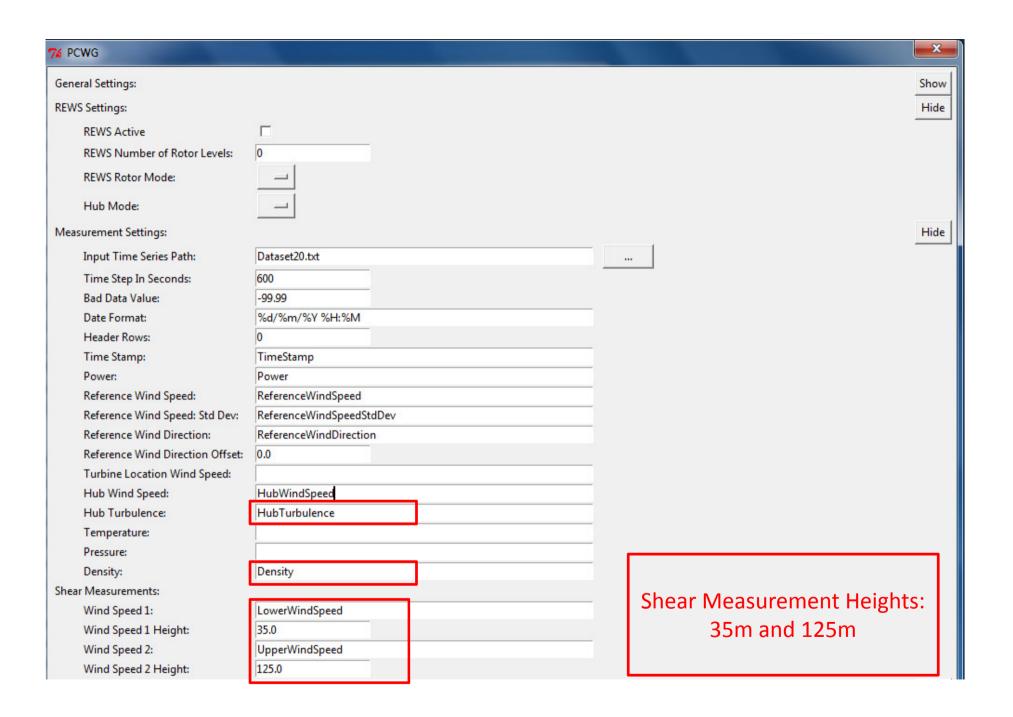
Click New – save in appropriate location



Datasets:







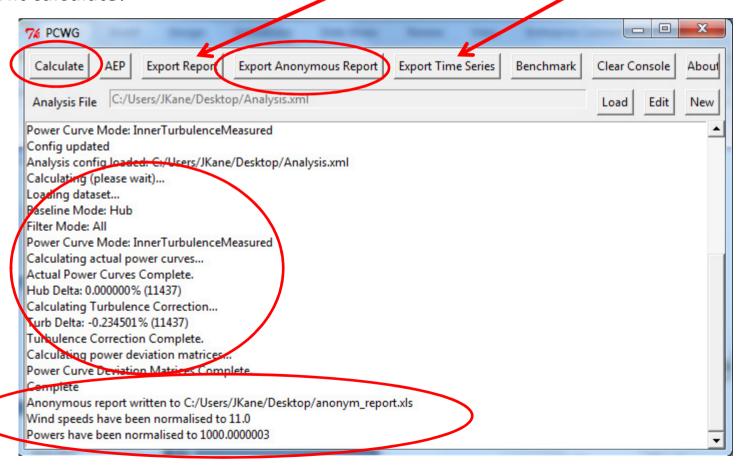
Please name:

Anonym_report_#.xls

Where # is your dataset number

Further, potentially sensitive information

Hit calculate!



Furthering the discussion

 Something wrong? Need help? Want to discuss further?

— GitHub provides a great platform for developing open source projects. Even if you don't want to write any code, your input is valuable!

https://github.com/peterdougstuart/PCWG

Do this by raising an 'Issue'.

