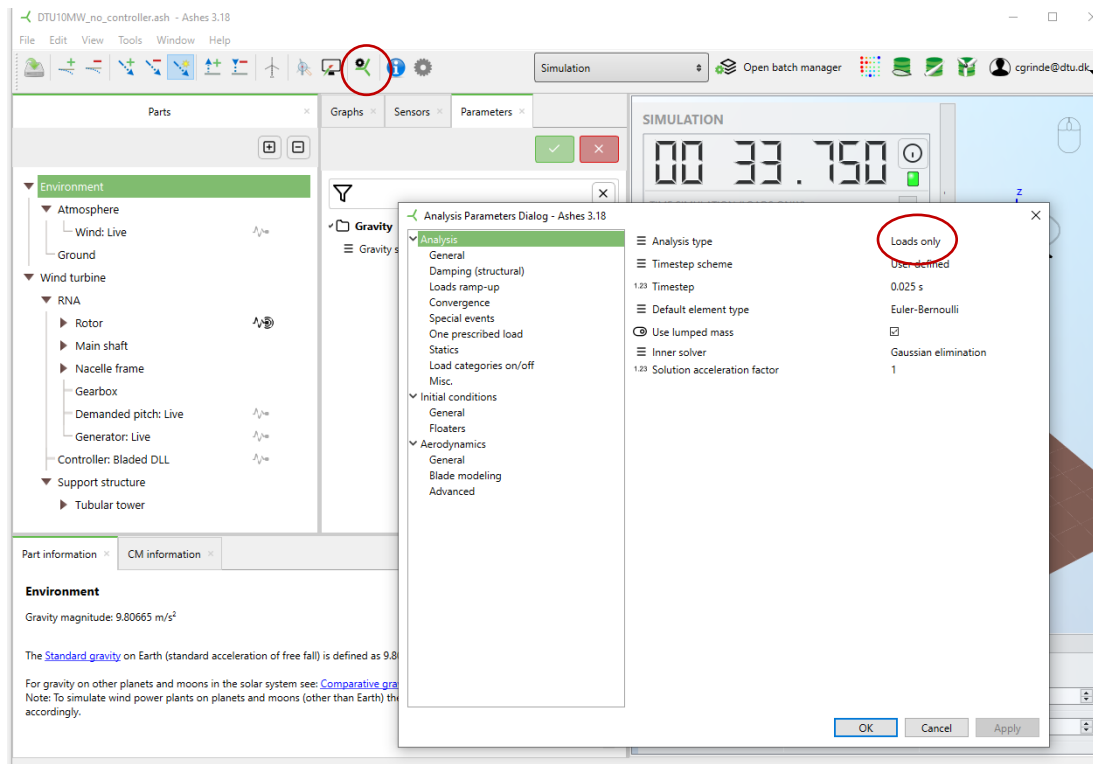


A few notes on ASHES

If you want to make the model as simple as possible, you should use the “Loads only” option, which means that it will assume the structure as stiff.

In the same settings you can go to initial conditions and set the starting pitch and rotational speed “Initial conditions”. If you then disable the controller (so don’t use the DLL), then it should just stay in those initial settings, so that is an easy way to ensure the exact same conditions as you have in your BEM. You are of course also allowed to use the controller instead and compare for instance the pitch settings.

In the “Aerodynamics”, you can also disable the tower shadow, if you don’t want to see the dips in loads and power each time the blade passes the tower.



In terms of exporting the forces, it can be a bit of a pain working with the exported files. You can use a data reader in matlab or python, but you’ll need to manually look in the files and see which columns and rows to use.

Alternatively, you can actually just copy/paste the one sensor that you want to look at.

