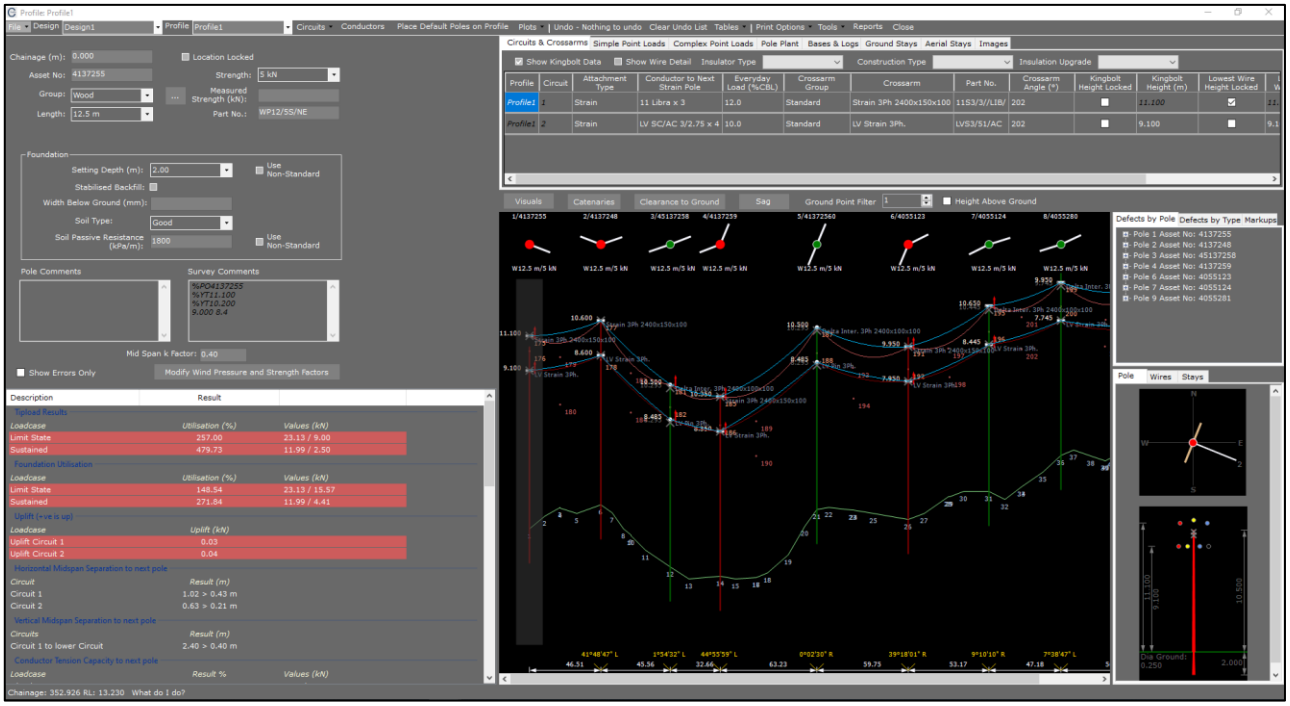
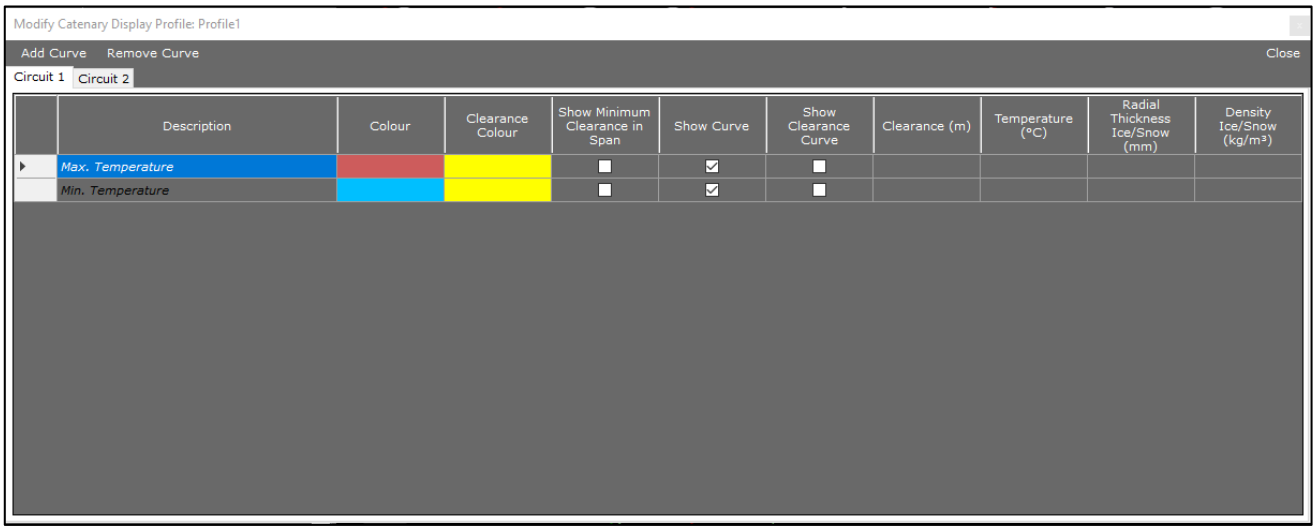
COLDNet Profile – Plot Curves & Clearance to Ground

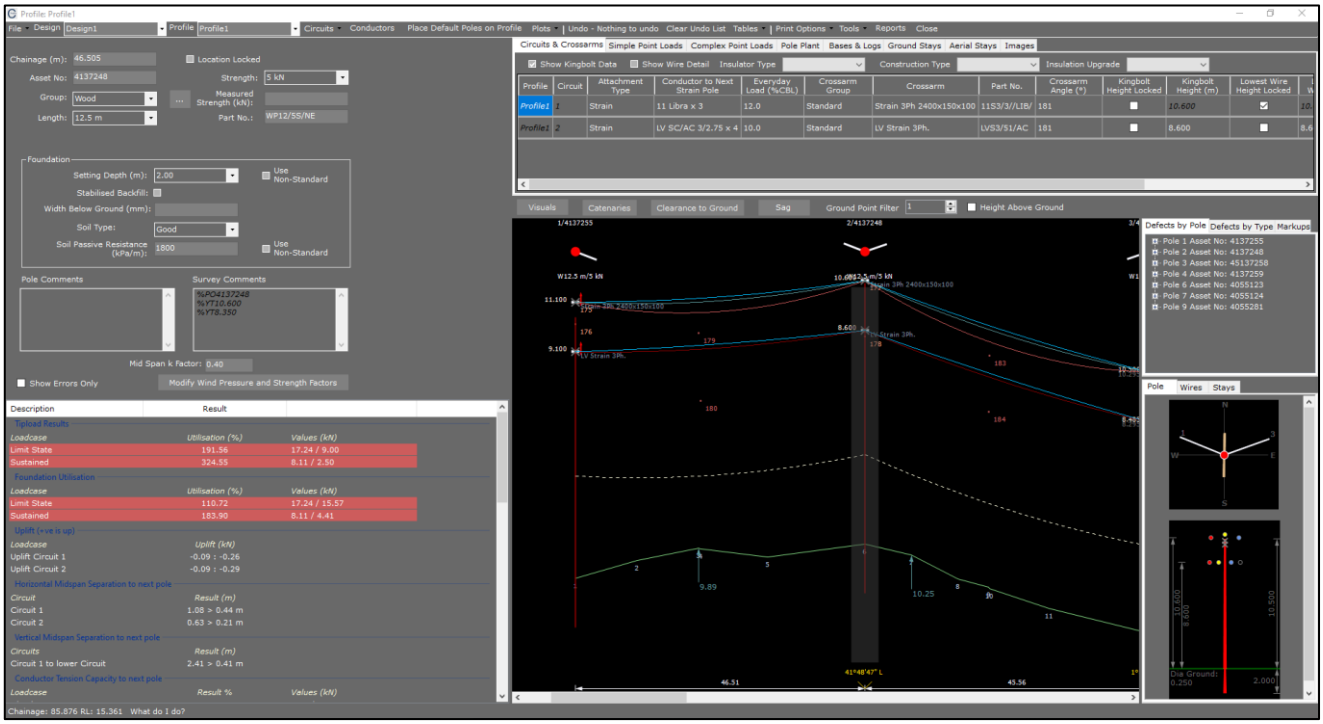
1. Open the earlier project that we created called **WalkthroughCSVImport**
2. Select **File>Save As** and give the new project the name **PlotCurvesAndClearanceToGround**
3. Once returned to the main form select the **Profiles** option from the top toolbar menu. A new window will open



4. We are now going to add in a user plot curve for the Everyday Temperature by first selecting the button **Catenaries** above the elevation view drawing. A new window will open



5. Select **Add Curve**. A new row will appear in the grid
6. Enter the **Description "Everyday Temperature"**
7. Select a colour for the catenary curve
8. Select **Show Minimum Clearance in Span**
9. Select **Show Curve**
10. Enter a **Temperature** of **'15'**
11. Enter a **Radial Thickness Ice/Snow** of **'0'**
12. Enter a **Density Ice/Snow** of **'0'**
13. Under the **Max Temperature** curve for **Circuit 1 22kV Libra** we are going to select the option **Show Curve**
14. Enter in a **Clearance** value of **'7'**
15. Select **Close** at the top right-hand corner of the window. The new user plot curve for the conductor on circuit 1 operating at the everyday temperature will be displayed.



16. Clearance curves can be displayed for each of the user plot curves under the catenaries form but you may prefer to show the clearance as an offset from the ground. To do this select the option **Clearance to Ground** and a new window will open
17. Next select the option **Clearance to Ground** and a new window will open

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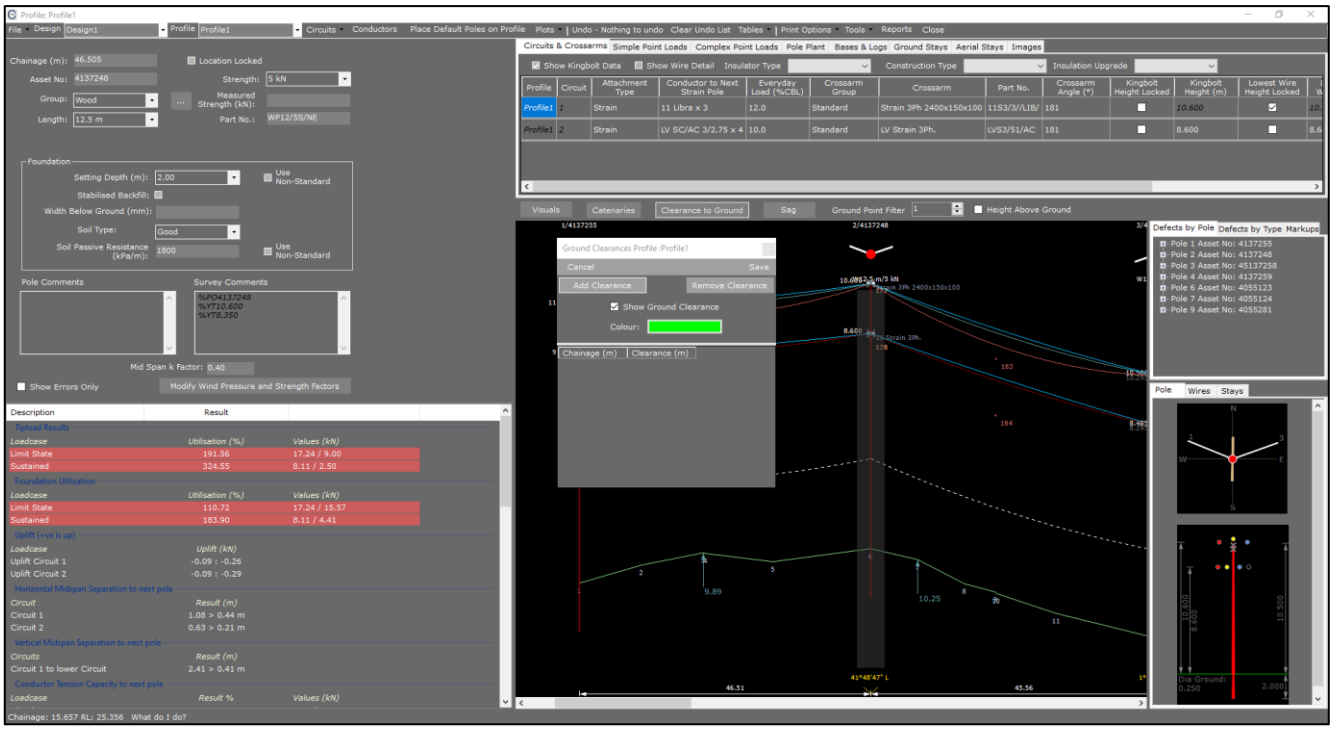

18. Select **Add Clearance**. A new row in the grid will appear at a **Chainage** of 0m. Enter a **Clearance** of **‘7’**
19. Add another clearance at a **Chainage** of 10m and a **Clearance** of **‘6’**
20. Add a third clearance at a **Chainage** of 30m and a **Clearance** of **‘7’**
21. Select **Save**. The profile elevation view should look the same as below