

Meeting minutes 04/05/2021 – 29 minutes

2021 Meeting 9

1. Safety moment – Summer weather coming up, make sure to stay hydrated and wear sunscreen.
New technology – Solar skins allow designs and patterns to be applied on top of solar panels, somewhat disguising their appearance.
2. DC Battery calculation
 - To get the current, we should take the burden power (W) and divide by the voltage we are using (125V)
 - These continuous currents should be quite small
 - SEL-4207 was a typo, should be SEL-2407 used for time-stamping everything
 - For worst case, we don't care about if the plant is up or down, just want the maximum possible current for the battery
3. Trench Fill
 - We didn't know exactly how to translate all the data from example customers into what rough estimate we used
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4. Review of Completed Tools
 - Patrick is still reviewing some things about the bus calculation and looking into a bit of confusion on the grounding calculations
 - Grounding rods are usually 10ft sections welded together
5. Action Items
 - AC calculation is still in the works
 - Polish up on reports and older things (trench fill tool)
 - Last upcoming tools are AC and conduit