Action list; 3rd PSB injection EPC powering rack space coordination meeting held 23.9.14
https://indico.cern.ch/event/341991/

- ❑ Obtain final DC cable configuration and section for starting design (EN/EL)
- ❑ Re-evaluation of maximal cable length with final cable (Davide)
- ❑ Assess that cable length does not affects DCCTs precision (Davide with EPC/HPM)
- ❑ Start final design (Davide) and document.. Functional spec release and approval.
  - ❑ Identify cooling requirements (water, Air)
  - ❑ Confirm power converter volume, layout and rack numbers (Currently 55 for the BRF2)
  - ❑ Fix converter current of BSW1 converters, derive cables..
  - ❑ EIS, BIS, magnet Interlocks?
  - ❑ Integration of the transformers and DCCT`s (must be placed locally 5m-10m from BSW1)
  - ❑ Quantify the maximum number of DC and control cables -> machine.
- ❑ Contruction of a new cable tunnel leading from BRF2 to PSB basement area estimated > 1m fCH.
- ❑ Evaluate & optimise work that can be done in advance of LS2 during EYETS 2016/2017?
- ❑ Explore in more detail possible cable routing identified in period 4 of the BAT (RP,CV & EL)
- ❑ Produce 3D Integration models (BRF2 infrastructure layout + transformers/ DCCT).
- ❑ * No official confirmation from Space managers that EPC can install in BRF2*
- ❑ Not directly related.. Evaluate BTY rack infrastructure BHP? S.Pittet