



Contribution ID: 5

Type: **not specified**

Energy deposition studies

Tuesday 11 March 2025 09:40 (25 minutes)

Description of beam-matter interaction studies performed as the basis for the HL TDE design.

- Setup of different models used
- Material properties
- Breakdown of total energy deposited by component
- Energy density profile for nominal, full intensity dump event
- LBDS failure scenarios results and conclusions
- Other conclusions

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