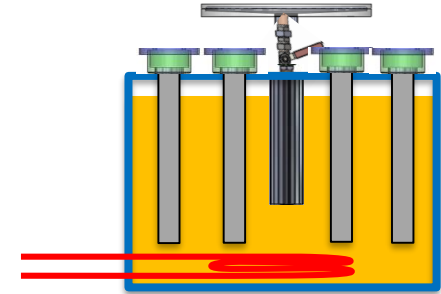
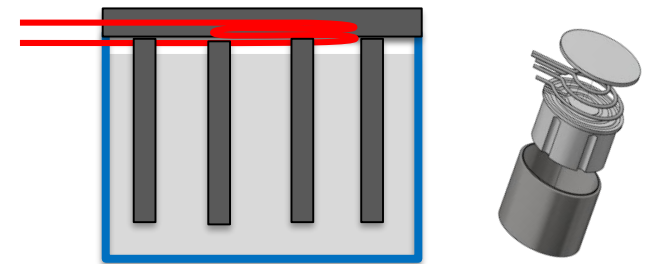
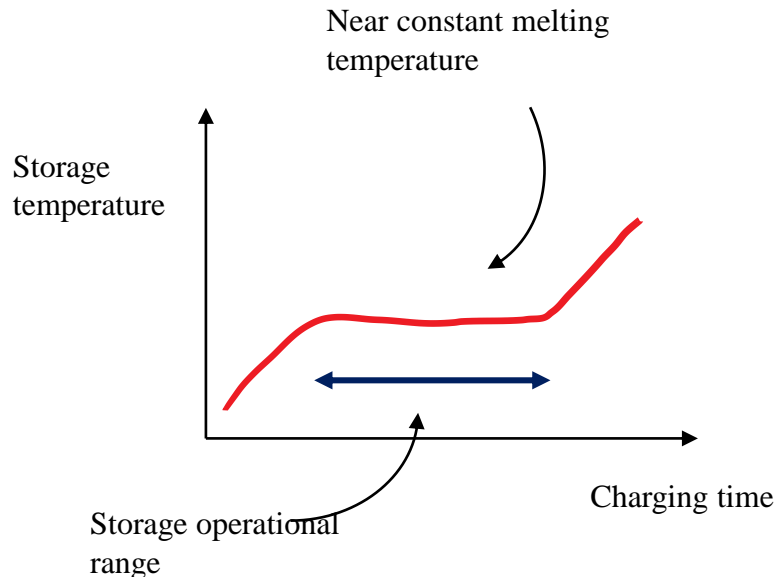


# Heat storage types: PCM

- Latent heat with PCM (Phase Change Material)
  - Storage operation at the phase change temperature
  - The “Solar Salt” Nitrate salts can be suitable for frying temperatures (220 degrees C melting point)
  - High energy density can give small storage volumes
  - PCM can be in containers or encapsulated in cylinders with oil as heat transfer fluids



PCM cylinders in oil bath



PCM fryers with conducting fins