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BESS Thermal runawy or Fires Gas Emissions

Hi,

For addressing air quality and public health concerns, I would like to inquire about the following:

1. Which specific toxic gases can lithium-ion batteries emit during a failure event?

2. Is there any reference data available on the measured or estimated emission rates of these pollutants during fire testing?

3. What are the common mitigation strategies for preserving air quality and public health in the event of thermal runaway or fires?

Thank you.