Open-Loop DC/AC Half Bridge Converter Plus Averaged Model
PSCAD/EMTDC and EMTP-RV

**PSCAD/EMTDC Results**

The diagrams show the inductor current over time. The top graph displays the inductor current against time, while the bottom graph shows the inductor current in a different time frame. The graphs illustrate the behavior of the inductor current under various conditions, highlighting the dynamic responses of the open-loop DC/AC half bridge converter model.
Source voltage and converter output voltage

IGBT and diode currents for switch 1