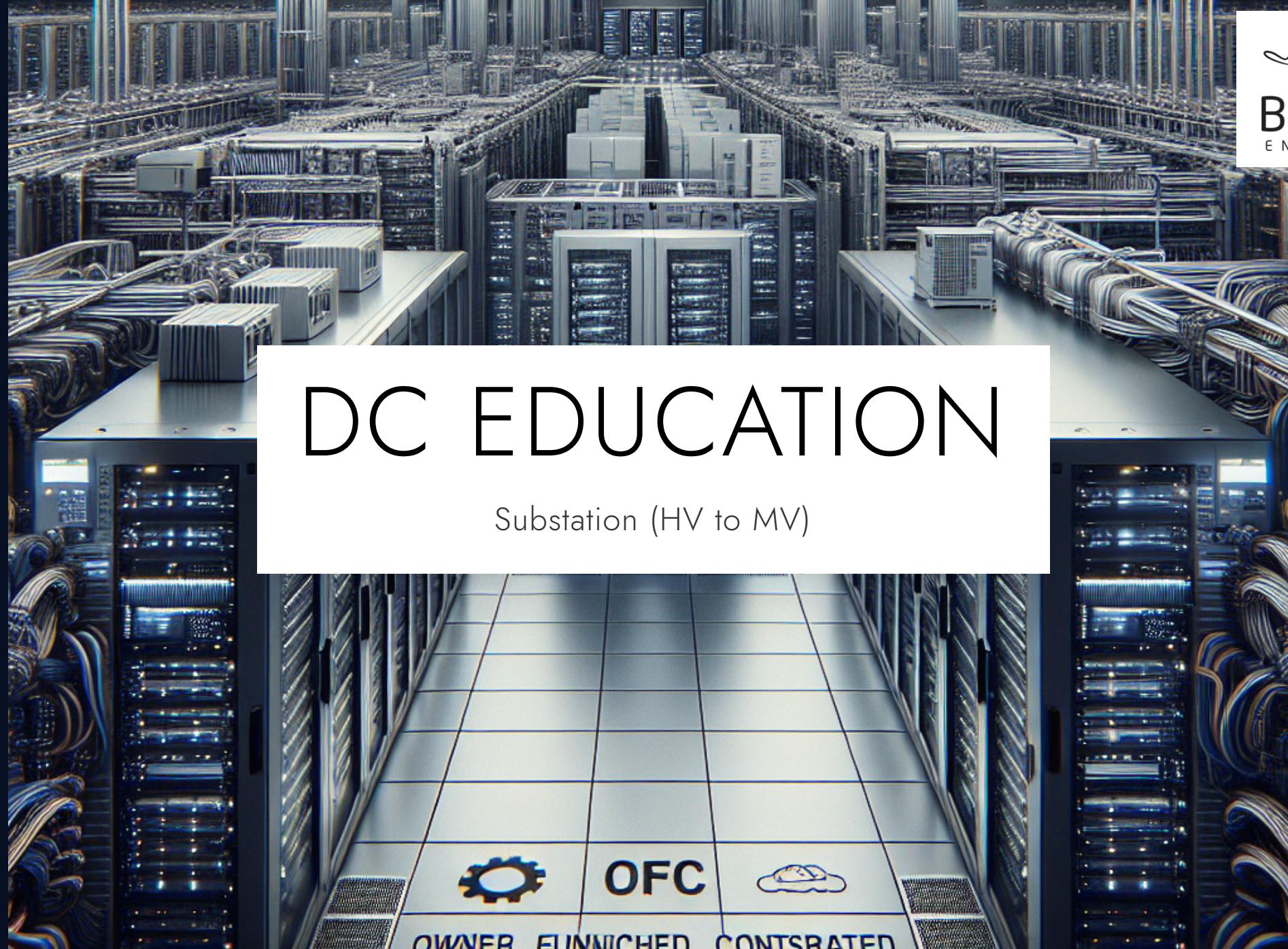


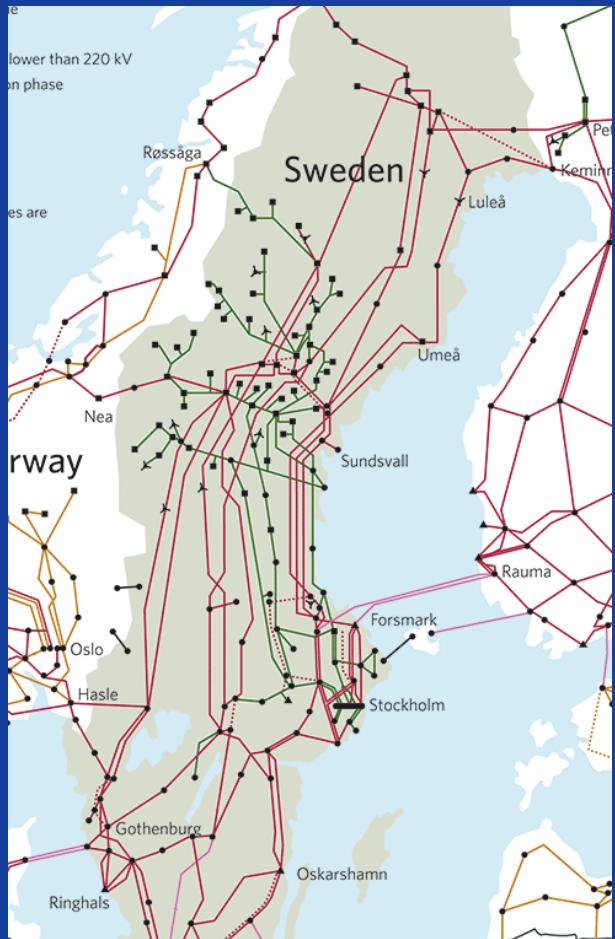
DC EDUCATION

Substation (HV to MV)



MV SWITCHGEAR

WHAT IS ITS PURPOSE?



Electricity is generated
at power plants



Transmitted over high-
voltage power lines



Designed to be
reliable and resilient

MV SWITCHGEAR

WHY IS ITS NEEDED?



Transform Voltage
from the grid (132kV)
to medium voltage
(MV - 22kV)



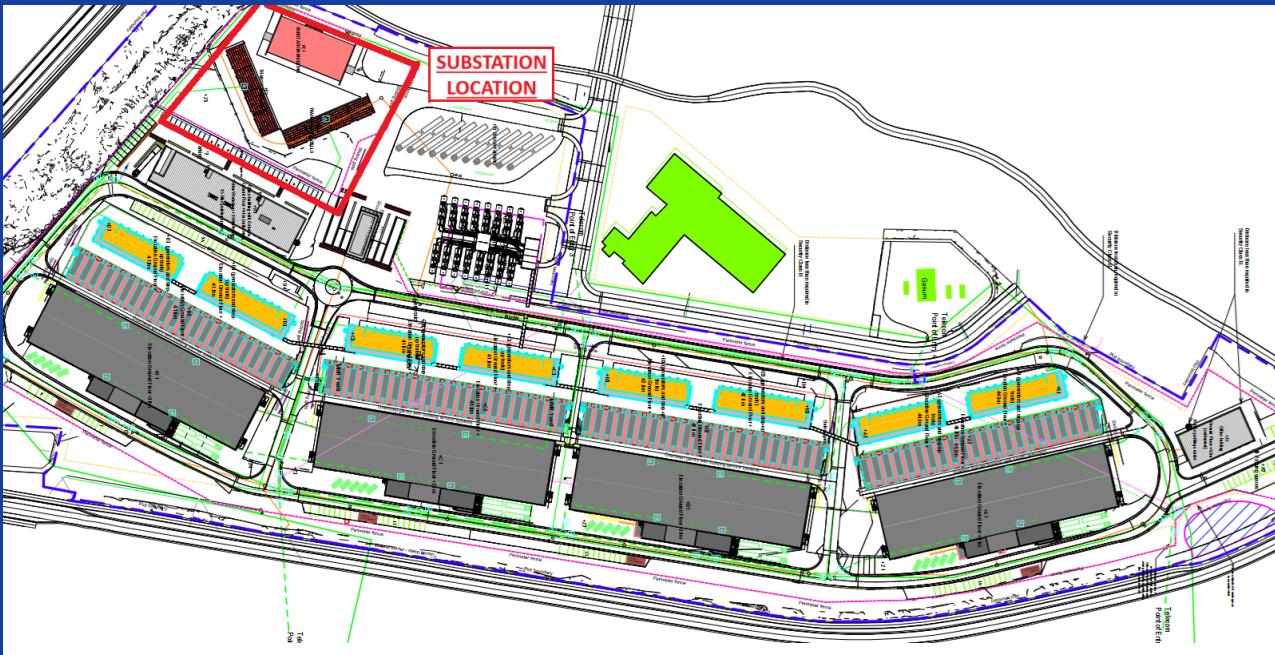
Distribute Power to the
Data Center (DC) via
switchgear and MV
ducts



Protect, Monitor, and
Switch circuits to
ensure smooth DC
Operation

MV SWITCHGEAR

WHERE ARE THEY TYPICALLY LOCATED?



Typically located outside the DC campus

MV SWITCHGEAR

WHO CONSTRUCTS?



Not Bravida.

Typically constructed by third party or utility company

MV SWITCHGEAR

WHEN ARE THEY CONSTRUCTED?



To be constructed at beginning of project
Work needs to be coordinated with early CSA work