



CASE STUDY: 400kV Overhead Line Routing and Connection Study in South East Asia for a UK Consultant

PROJECT BRIEF

LSTC acted as sub consultant to a UK Consultant to undertake a feasibility study of the potential to establish a new 400kV route in South East Asia and divert an existing 400kV circuit to a proposed substation.

LSTC'S APPROACH

LSTC undertook work in both the UK and South East Asia to successfully complete the study. In order to meet the study objectives, LSTC produced: conceptual layouts for 400kV sealing end compounds; layouts of the power station terminal towers to check that any potential positions were buildable; download to anchor arrangement drawings for 400kV terminal towers, as well as download to structure arrangements; identified and evaluated overhead line route options and substation entry options; calculated overhead line clearances; evaluated the routes against a set of criteria; and produced a breakdown of line constructability.



PROJECT OUTCOME

Gained experience working in South East Asia.

Further strengthened our working relationship with the UK Consultant.

Further information available upon request.