

**INSTALLATION WORKS AT  
500kV BUKIT TARIK – AIR TAWAR  
TOWER NO. 4 (LS)**



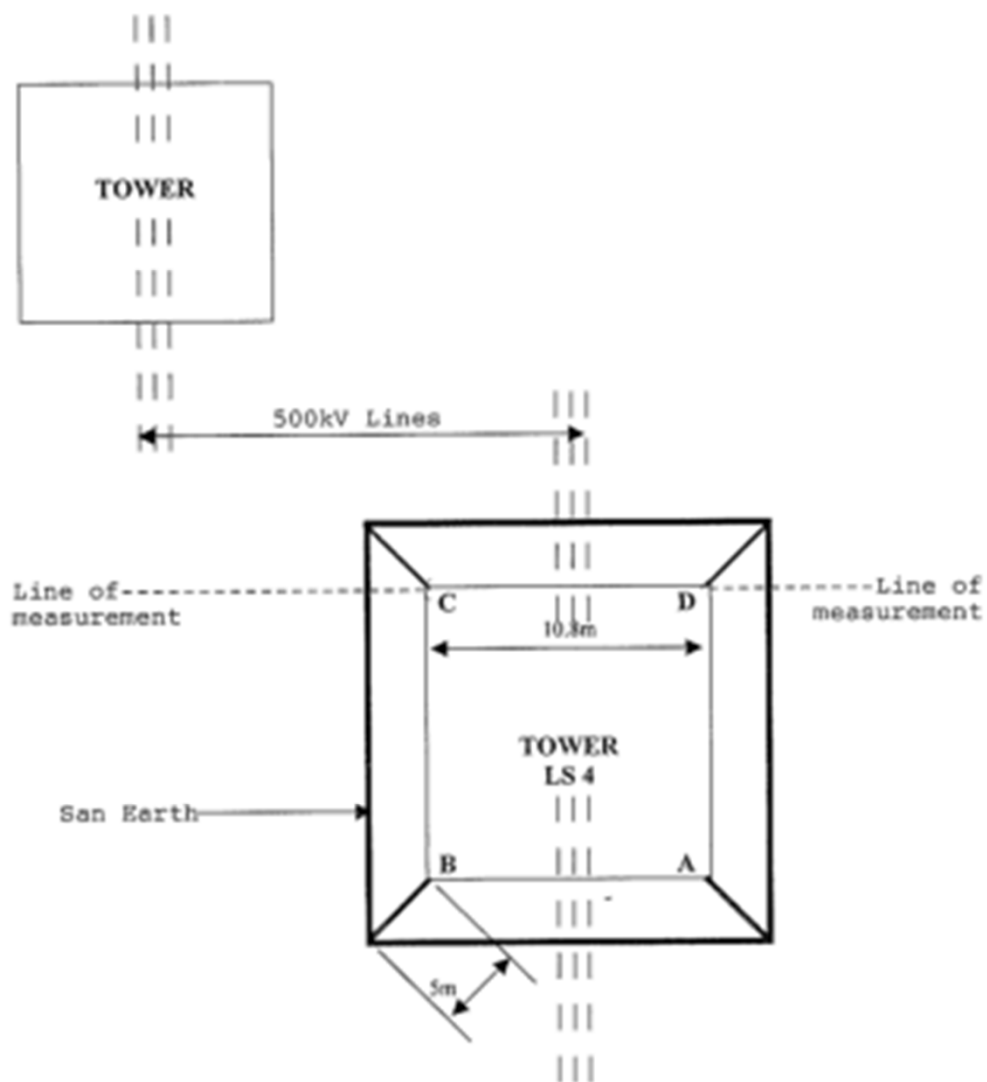
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**500kV LINE (BUKIT TARIK AIR TAWAR)**  
**TOWER LS 4**



TOTAL LENGTH OF SAN EARTH USED : 91M  
NO. OF BAGS USED : 32

## DETAIL INSTALLATION WORK

REQUIREMENT BY TNBT : BELOW 5.0Ω

INSTALLATION DATE : 22 MARCH 2004

QUANTITY SAN EARTH USED : 32 BAGS

### TRENCHING

- LENGTH : 91.0m
- DEPTH : 0.75m
- WIDTH : 0.5m

## FINAL MEASUREMENTS

DATE MEASUREMENTS TAKEN : 27 MARCH 2004

READING BEFORE INSTALLATION SAN EARTH : 11.7Ω

READING AFTER INSTALLATION SAN EARTH : 2.2Ω

INSTALLATION SAN EARTH AT  
TOWER NO. LS 4



EXCAVATION WORK FOR TRENCH



LAYING STEEL WIRE IN TRENCH



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SPREADING SAN EARTH OVER WIRE CONDUCTOR



ENSURING WIRE FULLY COVERED



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SPREADING SOIL CAREFULLY OVER SAN EARTH



BACKFILLING TRENCH CAREFULLY



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CONNECTING WIRE TO TOWER



COMPACTING SOIL IN THE TRENCH  
- INSTALLATION COMPLETED -



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**MEASURING RESISTANCE AFTER INSTALLATION  
SAN EARTH FOR TOWER LS 4**



PREPARATION BEFORE MEASURING



MEASURING TOWER RESISTANCE



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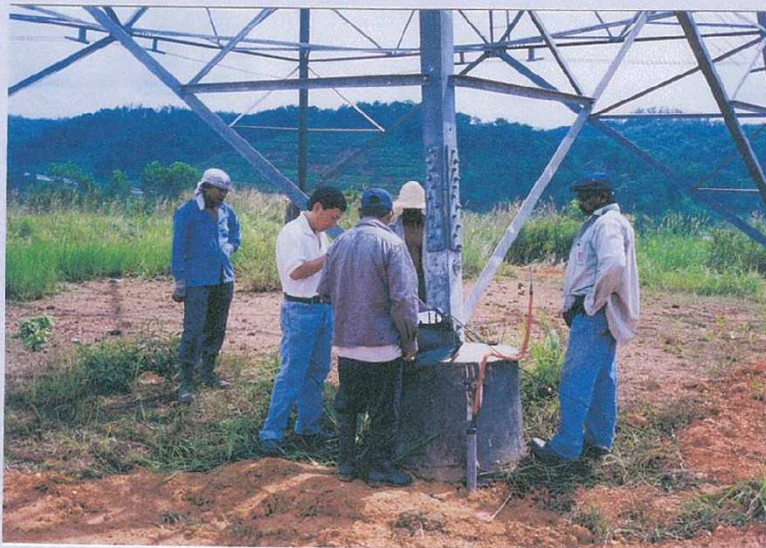
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TNBT OFFICER EXPLAINS ON RESISTANCE MEASUREMENT



DISCONNECTING SAN EARTH LINE



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