



Alajaama ehitamine toimus kitsastes oludes töötava alajaama läheduses ning tingituna keerulistest geoloogilistest pinnaseoludest rajati kogu alajaam kiilvaiadele. Tööde käigus tarniti ja paigaldati uus 110 kV jaotla ja 110 kV kaabelliinid lõpumastideni.

Ehitatud uude juhtimishoonesse paigaldati uued releekaitse, automaatika ning abipingeseadmed. Elektrilevile rajati ka uus akuhoone ning seoti automaatikaga olemasolev releekaitseüsteem.

## PALJASSAARE 110 KV ALAJAAM

Aadress Paljassaare põik 14A, Tallinn  
Tellija Elering AS  
Tööde iseloom rekonstrueerimine  
Ehitusperiood 2014–2016





Construction of the substation took place in restricted spaces, near a working substation, and the entire substation was built on wedge-shape piles due to the complex geological soil conditions. The substation construction works included installation of 110 kV overhead power lines up to dead-end towers, and delivery and

installation of a new 110 kV switchyard. New relay protections as well as automation and auxiliary voltage devices were installed in a newly built control building. A new auxiliary equipment building for Elektrilevi was also built and tied to an existing relay protection system.

## PALJASSAARE 110KV SUBSTATION

Address: Paljassaare põik 14A, Tallinn  
Customer: Elering AS  
Construction type: reconstruction  
Construction period: 2014–2016

