

**NCSX Preliminary Design Cost Estimate Summary Form
(Attachment 1a)**

SUMMARY DESCRIPTION

WBS Number: 41	Title: AC Power Systems
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<u>Description</u>	
<p>This WBS element consists of the following subsystems:</p> <ul style="list-style-type: none">• Auxiliary AC Power Systems (WBS 411); and• Experimental AC Power Systems (WBS 412).	
<p><u>Description of Existing Equipment/Facilities to be Reused:</u> Components and infrastructure from the existing C-site AC power and D-site experimental systems AC power will be reused to the maximum extent practical. For the D-site experimental power systems, a sharing arrangement with NSTX will be established.</p>	
<p><u>Description of Major Modifications Required to Existing Equipment/Facilities:</u> No major modifications are needed other than routine maintenance and reactivation.</p>	