



# Electrical Transmission and Substation Structures 2012



Solutions to Building  
the Grid of Tomorrow

**ASCE**

Edited by  
Archie D. Pugh, P.E.



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# ELECTRICAL TRANSMISSION AND SUBSTATION STRUCTURES 2012

*Solutions to Building the Grid of Tomorrow*

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PROCEEDINGS OF THE 2012 ELECTRICAL TRANSMISSION AND  
SUBSTATION STRUCTURES CONFERENCE

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November 4–8, 2012  
Columbus, Ohio

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EDITED BY  
Archie D. Pugh, P.E.



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The steering committee would also like to acknowledge the critical support of the sponsors and exhibitors who made this conference a success thru their exhibition displays, participation in the tours and demonstrations and financial support.

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