

CASE 976-E: Commentary on ASCE Wind Design Procedures

Abstract

The purpose of this Guideline is to provide guidelines and commentary on the wind provisions of ASCE/SEI 7 and provide a brief overview of the changes from ASCE/SEI 7-05 to ASCE/SEI 7-10, and again from ASCE/SEI 7-10 to ASCE/SEI 7-16.

One helpful aspect of the restructured wind provisions is that each part of each analysis procedure contains a step by step checklist of items that need to be determined for that given procedure, along with references to Figures, Tables, and Equations in which those parameters can be determined. The changes in wind design procedures and chapter formatting from ASCE/SEI 7-05 to ASCE/SEI 7-10 were very extensive. The changes from ASCE/SEI 7-10 to ASCE/SEI 7-16 were minor in comparison and were noted with solid grey lines in the margins of ASCE/SEI 7-16.