

Reference: **727**

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**C4/C6/CIGRED**  
Technical Brochure

Type:

**Technical Brochures**

Title:

**Modelling of inverter-based generation for power system dynamic studies**

## Abstracts

This Technical Brochure provides a guidance on inverter-based generator models with associated functions that should be used for specific phenomena such as frequency deviation, large voltage deviation and long-term voltage deviation. This guideline helps to reduce the computational burden when performing simulations as well as to represent more accurate power system dynamic behaviour with inverter-based generators following faults.

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More Informations :

**File Size:**11,7 MB **Pages NB:**292 **Study Committee :** C4, C6 **WG (TF):**JWG  
**C4/C6.35/CIGRED Year:**2018

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