

World

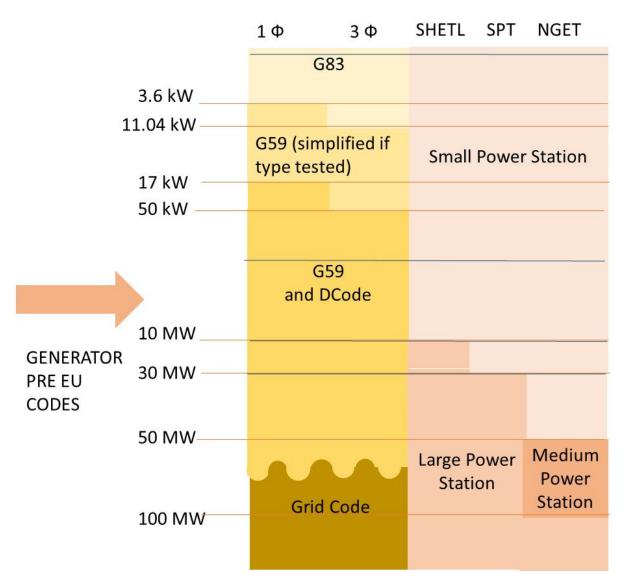


24 March 2014



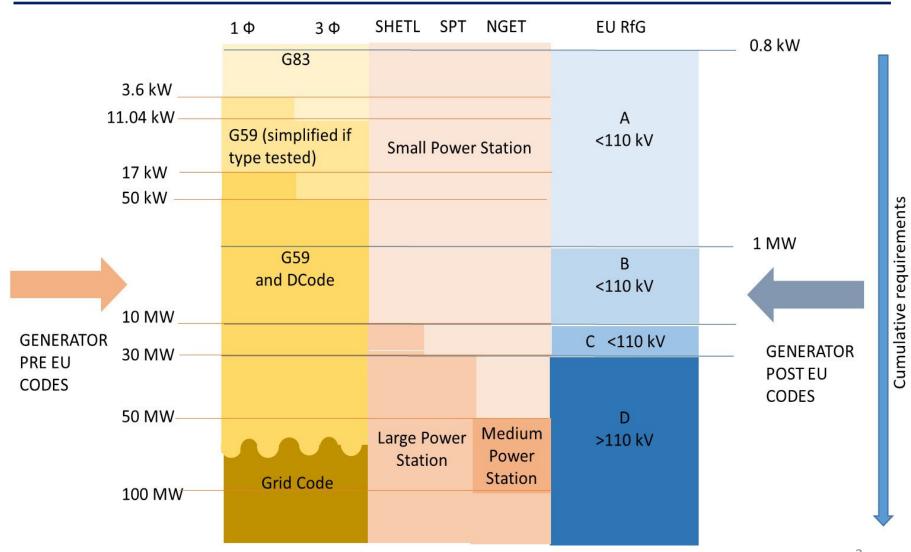








Post EU/Integrating EU Network Codes



Options for Integration of EU Codes with GB Distribution Documents



i

Add on:

Based on GB Documents New SCO Clauses added D Code, G83 and G59

- + No change to existing document structures
- Double clauses (pre and post), larger documents

ii

Create New SCO:

EU generator type based and Demand Categories

- + Easy to demonstrate EU compliance
- Not so user accessible, especially for small G83 generators

iii

Create number of SCOs:

Using existing GB classification for G83/G59

- + Set of user accessible documents, for small generators
- One document for Type D, distribution and grid connected

iv

Add On:

Based on EU Documents
Additional sections from GB documents
by generator type

- + Easy to demonstrate EU compliance
- Confusing re cumulative clauses and different additional GB

requirements

/

SCO: Specification, Connection & Operation



Option iii? SCO codes for:

EU Type Code **GB** Type **G83 Single Premises G83 Multiple Premises** G59 Simple - Type Tested G59 - Non Type Tested

4/5. Larger generator

C

The Priority Network Codes: EU



Grid Connection Codes

Requirements for Generators

Demand Connection Code

HVDC

Market Codes

Capacity Allocation and Congestion Management

Forward Capacity
Allocation

Balancing

System Operation Codes

Operational Security

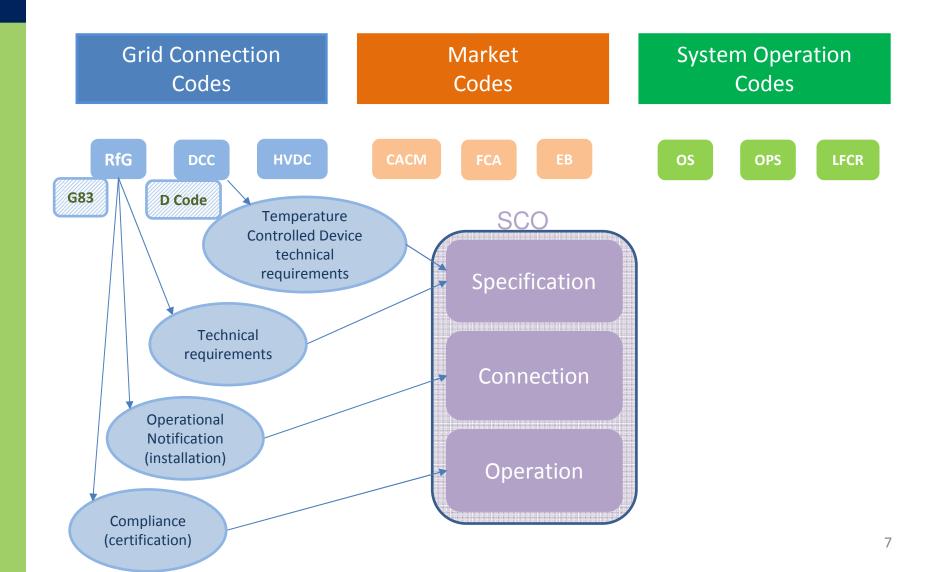
Operational Planning and Scheduling

Load-Frequency
Control and Reserves

Purple Codes relevant to Distribution

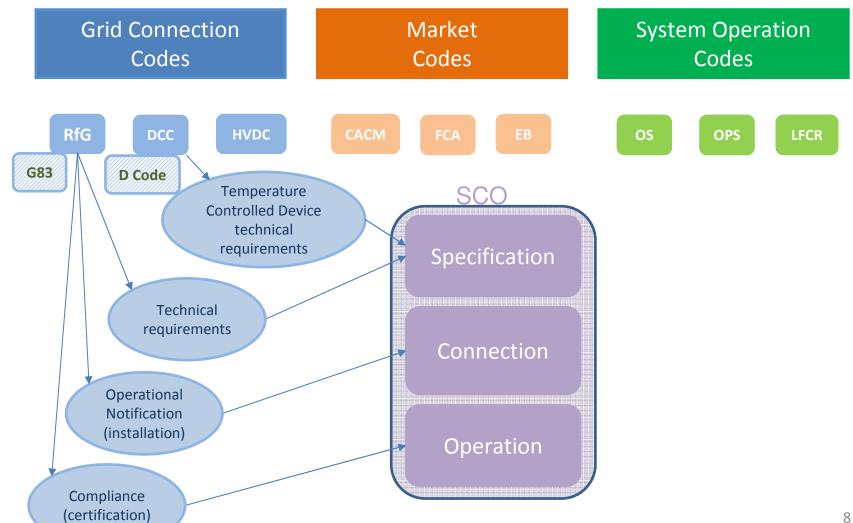
Single Premises Type Tested & Domestic User





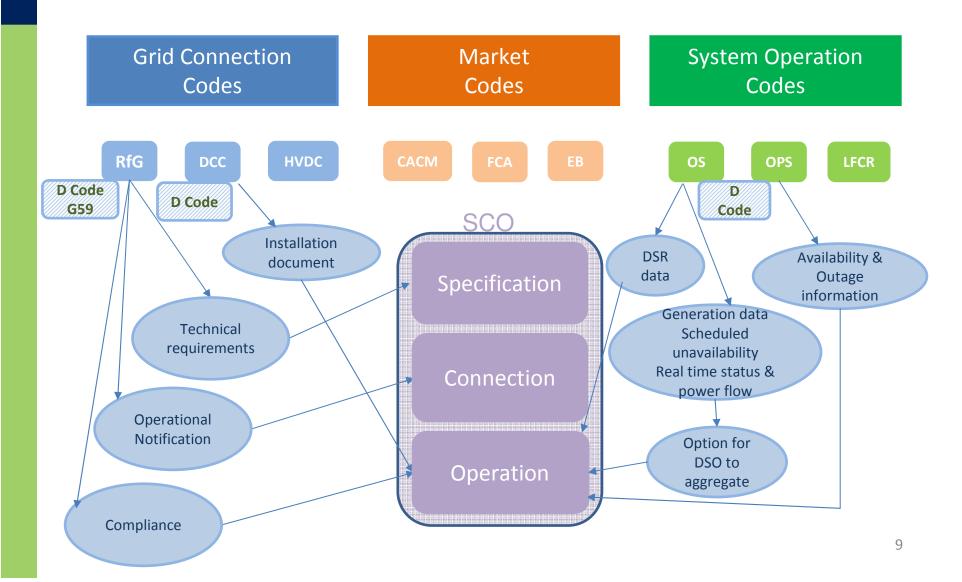
Multiple Premises Type Tested & Domestic User





Non Type Tested Type B <10MW & Significant Demand Facility





Embedded Generators < 10 MW Pre and Post EU



Pre EU Post EU

Demand (Customers) & Generation

D Code G83 G59



Existing
Generators
Technical
Requirements
"Frozen"

D Code G83 G59 Demand, New
Generators &
Existing
Generators wrt
operation

D Code Shell
SCO (Specification
Connection &
Operation Code)





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