

15.9 **Table: GENERICEQUATIONDESC** Description of a Generic Equation

15.9.1 GENERICEQUATIONDESC

Name	GENERICEQUATIONDESC
Comment	GENERICEQUATIONDESC defines a generic equation identifier with a description. The formulation of the generic equation is detailed in GENERICEQUATIONRHS.

15.9.2 Description

GENERICEQUATIONDESC data is public to all participants.

Source

GENERICEQUATIONDESC updates when new a generic equation is created for the first time.

Volume

Approximately 100 records per year

Note

GENERICEQUATIONRHS and GENERICEQUATIONDESC allow commonly used constraint right hand side formulations to be defined as a generic equation. Once defined, the generic equation can be referenced from any Generic constraint RHS formulation defined in GENERICCONSTRAINTRHS.

15.9.3 Notes

Name	Comment	Value
Visibility	Data in this table is:	Public

15.9.4 Primary Key Columns

Name
EQUATIONID

15.9.5 Index Columns

Name
LASTCHANGED

15.9.6 Content

Name	Data Type	Mandatory	Comment
EQUATIONID	varchar(20)	X	Generic Equation Identifier
DESCRIPTION	varchar(256)		Generic Equation Description
LASTCHANGED	datetime		Last date and time record changed
IMPACT	varchar(64)		The device(s) affected by the constraint (e.g. Interconnector, Generator(s) or Cutset)
SOURCE	varchar(128)		The source of the constraint formulation
LIMITTYPE	varchar(64)		The limit type of the constraint e.g. Transient Stability, Voltage Stability

REASON	varchar(256)		The contingency or reason for the constraint
MODIFICATIONS	varchar(256)		Details of the changes made to this version of the generic equation RHS
ADDITIONALNOTES	varchar(256)		Extra notes on the constraint