15.10 Table: GENERICEQUATIONRHS Generic Equation RHS terms

15.10.1 GENERICEQUATIONRHS

Name   GENERICEQUATIONRHS

Comment   GENERICEQUATIONRHS stores the formulation of commonly used
                    Generic Constraint Right Hand Side Equations referenced from Generic
                    Constraint Right Hand Side definitions stored in
                    GENERICCONSTRAINTRHS. The Generic Equation definitions are
                    versioned and the latest effective version is applied to the dispatch process.

15.10.2 Description

GENERICEQUATIONRHS data is public to all participants.

Source

GENERICEQUATIONRHS updates whenever a generic equation is created or modified.

Volume

Approximately 1,000 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.

To reference a generic equation from a generic constraint RHS definition, specify a SPD_TYPE of 'X' and the SPD_ID equivalent to the EQUATIONID field in GENERICEQUATIONRHS.

15.10.3 Notes

Name   Comment   Value
Visibility   Data in this table is: Public

15.10.4 Primary Key Columns

Name
EFFECTIVEDATE
EQUATIONID
TERMID
VERSIONNO

15.10.5 Index Columns

Name
LASTCHANGED

15.10.6 Content

Name	Data Type	Mandatory	Comment
EQUATIONID	varchar(20)	X	Generic Equation Identifier

EFFECTIVEDATE	datetime	X	Effective date of this record
VERSIONNO	numeric(3,0)	X	Version no of this record for the effective date
TERMID	numeric(3,0)	X	The unique identifier for the a equation RHS term
GROUPID	numeric(3,0)		ID of super-term, if this is a sub-term
SPD_ID	varchar(21)		ID defining data source
SPD_TYPE	varchar(1)		ID describing type of data source
FACTOR	numeric(16,6)		Multiplier applied to operator result
OPERATION	varchar(10)		Unitary operator to apply to data value
DEFAULTVALUE	numeric(16,6)		Default value if primary source given by SPD_ID and SPD_TYPE not available.
PARAMETERTERM1	varchar(12)		The unique identifier for the first term (logic expression) to use in a Branch term
PARAMETERTERM2	varchar(12)		The unique identifier for the second term (logic<=0 result) to use in a Branch term
PARAMETERTERM3	varchar(12)		The unique identifier for the third term (logic>0 result) to use in a Branch term
LASTCHANGED	datetime		Last date and time record changed