public EDPReportBE GetInstantaneousFlowData()

Description

GetInstantaneousFlowData is a web method defined in **EDPInstantFlowWebService**. This web service is included in the **NGT.EDP.WS.Public** namespace. This method is used to fetch the instantaneous flow values as per the latest available publication.

Parameters

None

Return Type

This method returns the object EDPReportBE. This object contains the flow values as per the latest available publication. Throws SOAPException incase of error.

EDPReportBE object has the member variables given in the following table:

Variable Name	Type	Description
ReportName	string	Name of a report
PublishedTime	DateTime	Latest Publication Time
EDPReportPage	EDPReportPageBE	Contains current data page in the report

EDPReportPageBE object has the member variables given in the following table:

Parameter Name	Type	Description
PageName	string	Name of the Page
CurrentGasDay	DateTime	Current Gas Day
NoteCollection	List<EDPNoteBE>	Gives the latest notes for the report
EDPEnergyGraphTableCollection	List<EDPEnergyGraphTableBE>	Contains the Flow data as a collection of tables

EDPNoteBE object has the member variables which given in the following table:

Parameter Name	Type	Description
NoteText	string	Report Note
StartDate	DateTime	Start date for Note

EDPEnergyGraphTableBE object has the member variables given in the following table:

Parameter Name	Type	Description
EDPEnergyGraphTableName	string	Graph/Table Name : ex. Zones / Terminals
ItemPosition	int	Index of the table in the page
EDPObjectCollection	List<EDPObjectBE>	Table data
Description	string	Description for the data

EDPObjectBE object has the member variables given in the following table:

Parameter Name	Type	Description
EDPObjectName	string	Name of the EDP Object
EDPObjectType	String	EDP object type(Value for Page1 is Empty)
EDPObjectID	String	EDP object Identifier(Value for Page1 is Empty)
EnergyDataList	List<EDPEnergyDataBE>	Flow Data

EDPEnergyDataBE object has the member variables given in the following table:

Parameter Name	Type	Description
ApplicableAt	DateTime	Applicable Time stamp
FlowRate	Double	Flow value
QualityIndicator	String	The following quality indicators will be provided: **S** Substituted **L** Late **A** Amended **E** Expired In cases where more then one quality indicator is present, they will be listed separated by commas. For example if a data is Expired and Substituted then the QualityIndicator field will have E,S
AmendedTimeStamp	DateTime	Ammended Time Stamp
ScheduleTime	DateTime	Scheduled Publication time

public DateTime GetLastPublicationTime()

Description

GetLastPublicationTime is a WebMethod defined in **EDPInstantFlowWebService**. This web service is included in the **NGT.EDP.WS.Public** namespace. This method gives the date and time of last publication.

Parameters

None

Return Type

This method returns a DateTime object that gives the last publication time. Throws SOAPException incase of error.