Real-Time Binding Constraints Shadow Prices

Help File

Purpose of the Real-Time Binding Constraints Shadow Prices Report

The purpose of the Real-Time Binding Constraints Shadow Prices Report is to outline the shadow prices for the constraints that are used to generate the Locational Marginal Prices (LMPs) by the real-time scheduling process.

Confidentiality Classification

Public

Frequency

The Real-Time Binding Constraints Shadow Prices report will be published for each of the 24 Hours from Hour Ending (HE) 1 to HE 24 on the 6th calendar day after a given dispatch date.

Granularity

5 minutes.

Description of the Real-Time Binding Constraints Shadow Prices Report Fields

Report Field Title	Definition of Report Field Title
Created at	This is the date and time that the Real-Time Binding Constraints Shadow Price report is created. The date will be displayed as mmm dd,yyyy and the time will be displayed as hh24:mm:ss.
For	This is the dispatch date that the Real-Time calculation engine is optimizing for.
Hour	This field indicates the one-hour period of the dispatch day in HE (Hour Ending) format. This will be represented as a number and will be from 1 to 24.

Report Field Title	Definition of Report Field Title
Interval	This field indicates the five-minute dispatch interval for which the data applies. This will be represented as a number and will be from 1 to 12.
Constraint Name	This is the name of the constraint for the real-time market calculation engine pricing pass. If there are no constraints, 'N/A' would be indicated in the field.
Shadow Price	This field will list out the shadow prices for the constraints that are used to generate the LMPs by the real-time scheduling process. Note that when a constraint is binding in only some hours of the day (meaning it is not binding in all of the 1 to 24 hours), then '0' value will be displayed for the hour(s) where that constraint is not binding. A N/A value will indicate if there is a null or undefined value.

Contact Information

For additional information, please e-mail IESO Customer Relations at customer.relations@ieso.ca.

A Help File has been prepared for this report to provide the reader a brief overview on the report. The Help File will also outline what the purpose of the report is, the publication frequency of the report, how the report can be accessed, and a description of the report fields.   Users of the Help File are reminded that that they remain responsible for complying with all of their obligations under the market rules and associated policies, standards and procedures relating to the subject matter of this Help File, even if such obligations are not specifically referred to herein. While every effort has been made to ensure that any extracts from the market rules or other documents in this Help File are accurate and up to date, users must be aware that the specific provisions of the market rules or particular document posted on the web site of Ontario's Independent Electricity System Operator shall govern.