This message is a push style message sent by the RTO to registered MPs who are representing energy

supply resources (i.e. generating units, demand response resources). Also, this message is sent to the

associated local balancing authority for informational purposes.

StartStop messages are sent at any time during the real-time operation of the system but no more

frequent than 5 minute intervals.

***Outputs***

Report file is saved to the auditpath directory and displayed on the Notifications Monitor.

<Notifications>

<ResourceStart location="xxx" interval="yyyy-mm-ddThh:mm:ss" timestamp="yyyy-mmddThh:

mm:ss" deploystatus="xxx"/>

<ResourceStop location="xxx" interval="yyyy-mm-ddThh:mm:ss" timestamp="yyyy-mmddThh:

mm:ss"/>

</Notifications>

***Load Process***

Each instruction is stored in both the MC\_NOTIF table to be displayed in Notification Monitor as well as the MC\_DISPATCH table to be displayed on the Dispatches UI.

For the purposes of the notification table each dispatch instruction is a new notification, there are no updates.

Dispatches will be updated based on the following unique key:

Participant (party)

Transaction Point (location)

Start Dt (interval)

***MC\_NOTIF\_TYPE Definition :***

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **NOTIF\_TYPE\_CD** | **JOB\_CD** | **NOTIF\_TYPE\_DESC** | **DISPLAY\_NME** | **USER\_ID** | **REVISED\_DT** |
| StartStop | StartStop | Start Stop Instruction | Start Stop Instruction | -10 | SYSDATE |

***MC\_NOTIF Mapping :***

|  |  |  |  |
| --- | --- | --- | --- |
| **Element or Attribute** | **Data Type** | **Description** | **Database column** |
| party | Character String | Participant code.  This is an optional tag. | Store in MC\_NOTIF.DTL\_MSG (clob);  Display as "Participant" |
| Location | Character string | Specifies the pricing node location of the dispatch. | Store in MC\_NOTIF.DTL\_MSG (clob);  Display as "Location" |
| Interval | dateTime | Specifies the instruction time interval’s date and time using  standard XML dateTime format, yyyymm-ddThh:mm:ss. | Store in MC\_NOTIF.DTL\_MSG (clob);  Display as "Interval" |
| Timestamp | dateTime | Optional field indicating the exact time that the instruction was  generated. Useful for grouping a set of instructions issued at the same time. | Store in MC\_NOTIF.DTL\_MSG (clob);  Display as "Energy MW" |
| DeploymentStatus |  | Optional attribute. Appears for Drr1 resources that are deployed online. All other resource types and Drr1’s that are deployed offline would not contain this attribute. | Store in MC\_NOTIF.DTL\_MSG (clob);  Display as "Energy LMP" |

***MC\_GENCOMMITMENT Mapping : See*** [***Load Start/Stop Instruction***](onenote:#Load%20Start\Stop%20Instruction&section-id={1E515985-918E-4457-8CB3-69C5F07E08A0}&page-id={6CE7C0C8-73D9-43C5-A010-067685D0B15B}&end&base-path=shacnas1\projects\nMarket\SPP%20IM\11%20-%20Documentation\OneNote\nMarket%20Global\MISO%20Designs.one)

***Examples***

<env:Envelope xmlns:env="http://schemas.xmlsoap.org/soap/envelope/" xmlns="http://markets.midwestiso.org/dart/xml">

<env:Header/>

<env:Body>

<Notifications party="Test Generation Company">

<ResourceStop location="TESTGEN" interval="2012-12-18T23:59:00"/>

<ResourceStart location="TESTGEN" interval="2012-12-18T00:00:00"/>

</Notifications>

</env:Body>

</env:Envelope>