

Rest Examples for Load Management type Events

To retrieve unacknowledged Load Management Events

<https://drhub.pjm.com/drhub/rest/secure/download/event/loadmanagement?unacknowledged=true>

The Response

```
<?xml version="1.0" encoding="UTF-8" standalone="true"?>
- <ns2:events xmlns:ns2="http://drhub.pjm.com/">
  - <eventSummary>
    <id>15</id>
    - <eventSummaryInfo>
      <eventDate>2016-06-20T15:57:52.000Z</eventDate>
      <eventType>Load Management Summary</eventType>
      <notifyTime>2016-06-20T15:57:52.000Z</notifyTime>
      <startDate>2016-06-20T15:57:52.000Z</startDate>
      <status>Scheduled</status>
      <regProduct>Annual DR</regProduct>
      <regResource>Pre-Emergency</regResource>
      <regLeadTime>Short_60</regLeadTime>
      <zone>DOM</zone>
    </eventSummaryInfo>
    - <eventDetail>
      - <Event>
        <id>26</id>
        <parentId>15</parentId>
        - <eventRegistration>
          <registrationId>191</registrationId>
          - <CSP>
            <name>PE</name>
          </CSP>
        </eventRegistration>
        <eventType>Load Management Event</eventType>
        <target>100.315</target>
      </Event>
    </eventDetail>
  </eventSummary>
</ns2:events>
```

To Acknowledge a New Load Management Event

<https://drhub.test.pjm.com/drhub/rest/secure/event/upload/loadmanagement/acknowledge/file?>

Acknowledgement requires the previously downloaded response to be included as a file.

The Response

```
<?xml version="1.0" encoding="UTF-8" standalone="true"?>
<ns2:events xmlns:ns2="http://drhub.pjm.com/">
  - <eventSummary>
    <id>15</id>
    - <eventSummaryInfo>
      <eventDate>2016-06-20T15:57:52.000Z</eventDate>
      <eventType>Load Management Summary</eventType>
      <notifyTime>2016-06-20T15:57:52.000Z</notifyTime>
      <startDate>2016-06-20T15:57:52.000Z</startDate>
      <status>Scheduled</status>
      <acknowledgeDate>2016-06-20T19:58:26.028Z</acknowledgeDate>
      <regProduct>Extended Summer DR</regProduct>
      <regResource>Pre-Emergency</regResource>
      <regLeadTime>Short_60</regLeadTime>
      <zone>DOM</zone>
    </eventSummaryInfo>
    - <eventDetail>
      - <Event>
        <id>26</id>
        <parentId>15</parentId>
        - <eventRegistration>
          <registrationId>191</registrationId>
          - <CSP>
            <name>PE</name>
          </CSP>
        </eventRegistration>
        <eventType>Load Management Event</eventType>
        <acknowledgeDate>2016-06-20T19:58:26.027Z</acknowledgeDate>
        <target>100.315</target>
      </Event>
    </eventDetail>
  </eventSummary>
</ns2:events>
```

Retrieve a Load Management Event using an independent rest call.

This event is yet unacknowledged.

Request Load Management Event by ID (Includes Summary Information)

<https://drhub.pjm.com/drhub/rest/secure/download/event/loadmanagement/19>

```
<?xml version="1.0" encoding="UTF-8" standalone="true"?>
- <ns2:events xmlns:ns2="http://drhub.pjm.com/">
  - <eventSummary>
    <id>11</id>
    - <eventSummaryInfo>
      <eventDate>2016-06-22T16:47:37.000Z</eventDate>
      <eventType>Load Management Summary</eventType>
      <notifyTime>2016-06-22T16:47:37.000Z</notifyTime>
      <startDate>2016-06-22T16:47:37.000Z</startDate>
      <status>Settled</status>
      <regProduct>Annual DR</regProduct>
      <regResource>Pre-Emergency</regResource>
      <regLeadTime>Quick_30</regLeadTime>
      <zone>PPL</zone>
    </eventSummaryInfo>
    - <eventDetail>
      - <Event>
        <id>19</id>
        - <eventRegistration>
          <registrationId>156</registrationId>
          - <CSP>
            <name>PE</name>
          </CSP>
        </eventRegistration>
        <eventType>Load Management Event</eventType>
        <target>100.315</target>
      </Event>
    </eventDetail>
  </eventSummary>
</ns2:events>
```

Retrieve a Load Management Event Summary using an independent rest call.

This request will retrieve just the Summary Information for an Event.

Request Load Management Summary by ID (Summary Only)

<https://drhub.pjm.com/drhub/rest/secure/download/event/loadmanagementsummary/11>

```
<?xml version="1.0" encoding="UTF-8" standalone="true"?>
- <ns2:events xmlns:ns2="http://drhub.pjm.com/">
  - <eventSummary>
    <id>11</id>
    - <eventSummaryInfo>
      <eventDate>2016-06-22T16:47:37.000Z</eventDate>
      <eventType>Load Management Summary</eventType>
      <notifyTime>2016-06-22T16:47:37.000Z</notifyTime>
      <startDate>2016-06-22T16:47:37.000Z</startDate>
      <status>Settled</status>
      <regProduct>Annual DR</regProduct>
      <regResource>Pre-Emergency</regResource>
      <regLeadTime>Quick_30</regLeadTime>
      <zone>PPL</zone>
    </eventSummaryInfo>
  </eventSummary>
</ns2:events>
```

This pattern repeats itself for all Event types. Field names and types will vary for other Event Types

<https://drhub.pjm.com/drhub/rest/secure/download/event/dayaheadenergy/8>

<https://drhub.pjm.com/drhub/rest/secure/download/event/dayaheadenergy?stopDate=06-30-2016&startDate=05-01-2016>

<https://drhub.pjm.com/drhub/rest/secure/download/event/loadmanagement/19>

<https://drhub.pjm.com/drhub/rest/secure/download/event/loadmanagement?unacknowledged=true>

<https://drhub.pjm.com/drhub/rest/secure/download/event/loadmanagementsummary/11>

<https://drhub.pjm.com/drhub/rest/secure/download/event/loadmanagementsummary?stopDate=06-30-2016&startDate=05-01-2016>

<https://drhub.pjm.com/drhub/rest/secure/download/event/realtimedispatch/3>

<https://drhub.pjm.com/drhub/rest/secure/download/event/realtimedispatch?stopDate=06-30-2016&startDate=05-01-2016>

<https://drhub.pjm.com/drhub/rest/secure/download/event/realtimedispatchsummary/24>

<https://drhub.pjm.com/drhub/rest/secure/download/event/realtimedispatchsummary?stopDate=06-30-2016&startDate=05-01-2016>

<https://drhub.pjm.com/drhub/rest/secure/download/event/synchronizedreserve/124>

<https://drhub.pjm.com/drhub/rest/secure/download/event/synchronizedreserve?stopDate=06-30-2016&startDate=05-01-2016&unacknowledged=false>

<https://drhub.pjm.com/drhub/rest/secure/download/event/synchronizedreservesummary/114>

<https://drhub.pjm.com/drhub/rest/secure/download/event/synchronizedreservesummary?stopDate=06-30-2016&startDate=05-01-2016>

<https://drhub.pjm.com/drhub/rest/secure/download/event/zonalemergencyenergy/72>

<https://drhub.pjm.com/drhub/rest/secure/download/event/zonalemergencyenergy?stopDate=06-30-2016&startDate=05-01-2016&unacknowledged=false>

<https://drhub.pjm.com/drhub/rest/secure/download/event/zonalemergencyenergysummary/62>

<https://drhub.pjm.com/drhub/rest/secure/download/event/zonalemergencyenergysummary?stopDate=06-30-2016&startDate=05-01-2016>

<https://drhub.pjm.com/drhub/rest/secure/download/event/zonaltest/62>

<https://drhub.pjm.com/drhub/rest/secure/download/event/zonaltest?stopDate=06-30-2016&startDate=05-01-2016>