My Tools (https://tools.pjm.com/)

Contact (https://www.pjm.com/who-we-are/contact-us.aspx) | Help (http://www.pjm.com/markets-and-operations/etools/data-miner-2.aspx)

API Portal

lmp   🔍

Add tags to search   🔽

⌃

GET da_hrl_lmps Metadata (/docs/services/9eb1ee98-d2bd-4ca0-a1c9-4a0df3413160/operations/da_hrl_lmps-Metadata?&pattern=lmp)

GET da_hrl_lmps Search (/docs/services/9eb1ee98-d2bd-4ca0-a1c9-4a0df3413160/operations/da_hrl_lmps-Search?&pattern=lmp)

POST da_hrl_lmps Search post (/docs/services/9eb1ee98-d2bd-4ca0-a1c9-4a0df3413160/operations/da_hrl_lmps-Search-POST?&pattern=lmp)

GET five_min_itsced_lmps Metadata (/docs/services/9eb1ee98-d2bd-4ca0-a1c9-4a0df3413160/operations/five_min_itsced_lmps-Metadata?&pattern=lmp)

GET five_min_itsced_lmps Search (/docs/services/9eb1ee98-d2bd-4ca0-a1c9-4a0df3413160/operations/five_min_itsced_lmps-Search?&pattern=lmp)

POST five_min_itsced_lmps Search post (/docs/services/9eb1ee98-d2bd-4ca0-a1c9-4a0df3413160/operations/five_min_itsced_lmps-Search-POST?&pattern=lmp)

GET ftr_cong_lmp Metadata (/docs/services/9eb1ee98-d2bd-4ca0-a1c9-4a0df3413160/operations/ftr_cong_lmp-Metadata?&pattern=lmp)

GET ftr_cong_lmp Search (/docs/services/9eb1ee98-d2bd-4ca0-a1c9-4a0df3413160/operations/ftr_cong_lmp-Search?&pattern=lmp)

POST ftr_cong_lmp Search post (/docs/services/9eb1ee98-d2bd-4ca0-a1c9-4a0df3413160/operations/ftr_cong_lmp-Search-POST?&pattern=lmp)

GET mnt_ftr_zonal_lmps Metadata (/docs/services/9eb1ee98-d2bd-4ca0-a1c9-4a0df3413160/operations/mnt_ftr_zonal_lmps-Metadata?&pattern=lmp)

GET mnt_ftr_zonal_lmps Search (/docs/services/9eb1ee98-d2bd-4ca0-a1c9-4a0df3413160/operations/mnt_ftr_zonal_lmps-Search?&pattern=lmp)

POST mnt_ftr_zonal_lmps Search post (/docs/services/9eb1ee98-d2bd-4ca0-a1c9-4a0df3413160/operations/mnt_ftr_zonal_lmps-Search-POST?&pattern=lmp)

GET rt_da_monthly_lmps Metadata (/docs/services/9eb1ee98-d2bd-4ca0-a1c9-4a0df3413160/operations/rt_da_monthly_lmps-Metadata?&pattern=lmp)

GET   rt_da_monthly_lmps Search (/docs/services/9eb1ee98-d2bd-4ca0-a1c9-4a0df3413160/operations/rt_da_monthly_lmps-Search?&pattern=lmp)

POST   rt_da_monthly_lmps Search post (/docs/services/9eb1ee98-d2bd-4ca0-a1c9-4a0df3413160/operations/rt_da_monthly_lmps-Search-POST?&pattern=lmp)

GET   rt_fivemin_hrl_lmps Metadata (/docs/services/9eb1ee98-d2bd-4ca0-a1c9-4a0df3413160/operations/rt_fivemin_hrl_lmps-Metadata?&pattern=lmp)

GET   rt_fivemin_hrl_lmps Search (/docs/services/9eb1ee98-d2bd-4ca0-a1c9-4a0df3413160/operations/rt_fivemin_hrl_lmps-Search?&pattern=lmp)

POST   rt_fivemin_hrl_lmps Search post (/docs/services/9eb1ee98-d2bd-4ca0-a1c9-4a0df3413160/operations/rt_fivemin_hrl_lmps-Search-POST?&pattern=lmp)

GET   rt_fivemin_mnt_lmps Metadata (/docs/services/9eb1ee98-d2bd-4ca0-a1c9-4a0df3413160/operations/rt_fivemin_mnt_lmps-Metadata?&pattern=lmp)

GET   rt_fivemin_mnt_lmps Search (/docs/services/9eb1ee98-d2bd-4ca0-a1c9-4a0df3413160/operations/rt_fivemin_mnt_lmps-Search?&pattern=lmp)

POST   rt_fivemin_mnt_lmps Search post (/docs/services/9eb1ee98-d2bd-4ca0-a1c9-4a0df3413160/operations/rt_fivemin_mnt_lmps-Search-POST?&pattern=lmp)

GET   rt_hrl_lmps Metadata (/docs/services/9eb1ee98-d2bd-4ca0-a1c9-4a0df3413160/operations/rt_hrl_lmps-Metadata?&pattern=lmp)

GET   rt_hrl_lmps Search (/docs/services/9eb1ee98-d2bd-4ca0-a1c9-4a0df3413160/operations/rt_hrl_lmps-Search?&pattern=lmp)

POST   rt_hrl_lmps Search post (/docs/services/9eb1ee98-d2bd-4ca0-a1c9-4a0df3413160/operations/rt_hrl_lmps-Search-POST?&pattern=lmp)

GET   rt_unverified_fivemin_lmps Metadata (/docs/services/9eb1ee98-d2bd-4ca0-a1c9-4a0df3413160/operations/rt_unverified_fivemin_lmps-Metadata?&pattern=lmp)

GET   rt_unverified_fivemin_lmps Search (/docs/services/9eb1ee98-d2bd-4ca0-a1c9-4a0df3413160/operations/rt_unverified_fivemin_lmps-Search?&pattern=lmp)

POST   rt_unverified_fivemin_lmps Search post (/docs/services/9eb1ee98-d2bd-4ca0-a1c9-4a0df3413160/operations/rt_unverified_fivemin_lmps-Search-POST?&pattern=lmp)

GET   rt_unverified_hrl_lmps Metadata (/docs/services/9eb1ee98-d2bd-4ca0-a1c9-4a0df3413160/operations/rt_unverified_hrl_lmps-Metadata?&pattern=lmp)

GET   rt_unverified_hrl_lmps Search (/docs/services/9eb1ee98-d2bd-4ca0-a1c9-4a0df3413160/operations/rt_unverified_hrl_lmps-Search?&pattern=lmp)

POST   rt_unverified_hrl_lmps Search post (/docs/services/9eb1ee98-d2bd-4ca0-a1c9-4a0df3413160/operations/rt_unverified_hrl_lmps-Search-POST?&pattern=lmp)

GET   unverified_five_min_lmps Metadata (/docs/services/9eb1ee98-d2bd-4ca0-a1c9-4a0df3413160/operations/unverified_five_min_lmps-Metadata?&pattern=lmp)

GET   unverified_five_min_lmps Search (/docs/services/9eb1ee98-d2bd-4ca0-a1c9-4a0df3413160/operations/unverified_five_min_lmps-Search?&pattern=lmp)

POST   unverified_five_min_lmps Search post (/docs/services/9eb1ee98-d2bd-4ca0-a1c9-4a0df3413160/operations/unverified_five_min_lmps-Search-POST?&pattern=lmp)

Data Miner 2 Web API

⬇ **API definition**

API change history (/docs/services/9eb1ee98-d2bd-4ca0-a1c9-4a0df3413160/releaseChanges)

Access Data Miner data directly via common web technologies.

rt_da_monthly_lmps Search

Searches the Settlements Verified Hourly LMPs feed. This feed contains the verified hourly Real-Time LMPs for aggregate and zonal pnodes used in settlements and final Day-Ahead LMPs. Note that while Data Miner 2 will make available any data that has been calculated by PJM Settlements, there are occasionally delays in the settlements process that may cause a delay in data availability.

Try it (/docs/services/9eb1ee98-d2bd-4ca0-a1c9-4a0df3413160/operations/rt_da_monthly_lmps-Search/console)

Request

Request URL

https://api.pjm.com/api/v1/rt_da_monthly_lmps[?download][&rowCount][&sort][&order][&startRow][&isActiveMetadata][&fields][&datetime_beginning_utc][&datetime_beginning_ept][&pnode_id][&pnode_name][&voltage][&equipment][&type][&zone]

Request parameters

download (optional)
boolean
Determines how results should be returned.
When true, only the results will be returned, no links or search criteria will be echoed. Additionally, the total count will be returned in the HTTP Header X-TotalRows, a Content-Disposition header will be added triggering browsers to show a Save prompt, and the rowCount argument becomes optional. Note that there are still limits on the maximum rows that may be returned and, if that threshold is crossed, a 400 response will be returned.

rowCount (optional)
integer
Format - int64. Specifies the maximum number of results to include in the search result. This is required if any other parameters are specified. Maximum is 50,000.

sort (optional)

string
Specifies the name of the field to sort on. Allowed values for this feed are:datetime_beginning_utc, datetime_beginning_ept, pnode_id, pnode_name, zone

---

order (optional)

string
Specifies the direction to sort the field on.
Allowed values are: "asc" for ascending or "desc" for descending order. The default value is "asc".

---

startRow (optional)

integer
Format - int64. Specifies the one-based number of the first record in the search results to be returned. This is one-based, so 1 is the smallest value allowed and will return the very first record. This is required if any other parameters are specified.

---

isActiveMetadata (optional)

boolean
Gets or sets a value indicating whether [active metadata only].

---

fields (optional)

string
Specifies the list of field names to retrieve in the form of a CSV list. Allowed values for this feed are:datetime_beginning_utc, datetime_beginning_ept, pnode_id, pnode_name, voltage, equipment, type, zone, system_energy_price_rt, total_lmp_rt, congestion_price_rt, marginal_loss_price_rt, system_energy_price_da, total_lmp_da, congestion_price_da, marginal_loss_price_da

---

datetime_beginning_utc (optional)

string
Restricts results to those that have a 'Datetime Beginning UTC' which falls inside the specified date range. Allowed values are: Today, CurrentHour, CurrentWeek, CurrentMonth, CurrentYear, Yesterday, LastHour, LastWeek, LastMonth, LastYear, Tomorrow, NextWeek, NextMonth, NextYear, 15SecondsAgo, 5MinutesAgo, 1MonthAgo, 4MonthsAgo, 6MonthsAgo, [date-value] to [date-value]. The date-value range should be within 366 days. The date-value should include the date and time component. Example: yyyy-MM-dd HH:mm to yyyy-MM-dd HH:mm. Please refer to the API Guide on www.pjm.com page for additional detail on the date parameter.

---

datetime_beginning_ept (optional)

string
Restricts results to those that have a 'Datetime Beginning EPT' which falls inside the specified date range. Allowed values are: Today, CurrentHour, CurrentWeek, CurrentMonth, CurrentYear, Yesterday, LastHour, LastWeek, LastMonth, LastYear, Tomorrow, NextWeek, NextMonth, NextYear, 15SecondsAgo, 5MinutesAgo, 1MonthAgo, 4MonthsAgo, 6MonthsAgo, [date-value] to [date-value]. The date-value range should be within 366 days. The date-value should include the date and time component. Example: yyyy-MM-dd HH:mm to yyyy-MM-dd HH:mm. Please refer to the API Guide on www.pjm.com page for additional detail on the date parameter.

---

pnode_id (optional)

number
Restricts results to those that match the specified value in the 'Pricing Node ID' field. This performs an exact, numerical match.

pnode_name (optional)

string
Restricts results to those that contain the specified value in the 'Pricing Node Name' field. This performs a partial, case-insensitive match.

voltage (optional)

string
Restricts results to those that contain the specified value in the 'Voltage' field. This performs a partial, case-insensitive match.

equipment (optional)

string
Restricts results to those that contain the specified value in the 'Equipment' field. This performs a partial, case-insensitive match.

type (optional)

string
Restricts results to those that contain the specified value in the 'Pricing Node Type' field. This performs a partial, case-insensitive match.

zone (optional)

string
Restricts results to those that contain the specified value in the 'Transmission Zone' field. This performs a partial, case-insensitive match. Allowed values are: AECO, AEP, APS, ATSI, BGE, COMED, CPL, DAY, DEOK, DOM, DPL, DUKE, DUQ, EKPC, EXTERNAL, JCPL, METED, PECO, PENELEC, PEPCO, PPL, PSEG, RECO.

Request headers

Ocp-Apim-Subscription-Key

string
Subscription key which provides access to this API. Found in your Profile (/developer).

Request body

Responses

200 OK

Successful searches will return the matching feed items, the search criteria used, paging information, and links to related resources.

Representations

| application/json | text/json | application/xml | text/xml | text/csv |

Sample   Schema

```
{
  "links": [
    {
      "rel": "string",
      "href": "string"
    }
  ],
  "items": [
    {}
  ],
  "searchSpecification": {
    "rowCount": 100,
    "order": "Asc",
    "startRow": 1,
    "isActiveMetadata": true,
    "fields": [],
    "filters": []
  },
  "totalRows": 0
}
```

400 Bad Request

The search specification provided is invalid.

Representations

application/json	text/json	application/xml	text/xml	text/csv

Sample   Schema

```json
{
  "errors": [
    {
      "field": "string",
      "message": "string",
      "detail": [
        "string"
      ]
    }
  ],
  "feedMetadata": {
    "id": 0,
    "feedId": "string",
    "name": "string",
    "displayName": "string",
    "description": "string",
    "category": "string",
    "firstAvailable": "string",
    "version": "string",
    "internalName": "string",
    "defaultSearchJson": "string",
    "fileLoadingMethod": "string",
    "postingFrequency": "string",
    "postingDay": "string",
    "retentionTime": "string",
    "lastDataLoad": "string",
    "lastDataLoadEst": "string",
    "isFrequentlyAccessed": true,
    "enableArchiving": true,
    "archiveCutoffDays": 0,
    "publishDate": "string",
    "created": "string",
    "updated": "string",
    "repostNotifications": [
      {
        "id": 0,
        "feedMetadataId": 0,
        "publishDate": "string",
        "content": "string",
        "created": "string",
        "updated": "string"
      }
    ],
    "columns": [
      {
        "id": 0,
        "feedMetadataId": 0,
        "dataType": "String",
        "filterType": "Input",
        "displayName": "string",
        "fieldName": "string",
        "enableFiltering": true,
        "enableArchiveFiltering": true,
        "enableSorting": true,
        "ordinalPosition": 0,
        "isVisible": true,
        "width": 0,
```

```
        "description": "string",
        "displayFormat": "string",
        "filterUiLocation": "Inline",
        "created": "string",
        "updated": "string",
        "isActive": true
      }
    ],
    "links": [
      {
        "rel": "string",
        "href": "string"
      }
    ],
    "timeDurationUnit": 0,
    "timeDurationIncrement": 0,
    "categoryOrdinal": 0,
    "feedProductType": 0
  },
  "code": "string",
  "message": "string",
  "activityId": "string",
  "timestamp": "string",
  "detailedMessage": "string"
}
```

404 Not Found

The specified feed could not be found.

Representations

| application/json | text/json | application/xml | text/xml | text/csv |

Sample   Schema

```
{
  "data": "string",
  "code": "string",
  "message": "string",
  "activityId": "string",
  "timestamp": "string",
  "detailedMessage": "string"
}
```

406 Not Acceptable

Unsupported encoding in Accept header.

Representations

| application/json | text/json | application/xml | text/xml | text/csv |

Sample   Schema

```
{
  "data": "string",
  "code": "string",
  "message": "string",
  "activityId": "string",
  "timestamp": "string",
  "detailedMessage": "string"
}
```

500 Internal Server Error

An unexpected error has occurred, please try the request again later.

Representations

| application/json | text/json | application/xml | text/xml | text/csv |

Sample   Schema

```
{
  "code": "string",
  "message": "string",
  "activityId": "string",
  "timestamp": "string",
  "detailedMessage": "string"
}
```

Code samples

| Curl | C# | Java | JavaScript | ObjC | PHP | Python | Ruby |

```
@ECHO OFF

curl -v -X GET "https://api.pjm.com/api/v1/rt_da_monthly_lmps?download={boolean}&rowCount={integer}&so
rt={string}&order={string}&startRow={integer}&isActiveMetadata={boolean}&fields={string}&datetime_begi
nning_utc={string}&datetime_beginning_ept={string}&pnode_id={number}&pnode_name={string}&voltage={stri
ng}&equipment={string}&type={string}&zone={string}"
-H "Ocp-Apim-Subscription-Key: {subscription key}"

--data-ascii "{body}"
```

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Feedback (mailto:ToolsRefresh@pjm.com)