



Welcome to the RateAcuity Default Supply Electric API

Getting Started

Resource URL

The base path for the RateAcuity Default Supply Electric API is:

https://secure.rateacuity.com/RateAcuityDefaultSupplyReports_API/api

Authentication

The RateAcuity APIs use username and password to authenticate requests. Authentication to the API is performed via HTTP Basic Auth. All API requests must be made over HTTPS. Calls made over plain HTTP will fail. API requests without authentication will also fail.

Endpoints

Utilities

Utility is how you determine the utilities included in the RateAcuity electric database that contain default supply rates.

Available methods

Get /utilities

`/utilities?username=&pass=`

Get list of all utilities within the RateAcuity electric database

| Parameter | Description |
|-----------|--|
| username | username assigned by RateAcuity for authentication |
| pass | password assigned by RateAcuity for authentication |

Sample Request

https://secure.rateacuity.com/RateAcuityDefaultSupplyReports_API/api/utilies?username=&pass=

Example Response

```
[
  {
    "utilityId": 1,
    "utilityName": "Southern California Edison",
    "state": "CA"
  },
  {
    "utilityId": 2,
    "utilityName": "Pacific Gas and Electric Company",
    "state": "CA"
  },
  {
    "utilityId": 6,
    "utilityName": "Sacramento Municipal Utility District",
    "state": "CA"
  },
  {
    "utilityId": 7,
    "utilityName": "Georgia Power",
    "state": "GA"
  },
  {
    "utilityId": 8,
    "utilityName": "The Potomac Edison Company - Maryland",
    "state": "MD"
  },
  {
    "utilityId": 9,
    "utilityName": "Baltimore Gas and Electric Company",
    "state": "MD"
  },
  {
    "utilityId": 10,
    "utilityName": "Delmarva Power & Light Company",
    "state": "MD"
  },
  {
    "utilityId": 11,
    "utilityName": "Pepco",
    "state": "MD"
  },
  {
    "utilityId": 38,
    "utilityName": "Ameren Illinois Company",
    "state": "IL"
  },
],
```

Response definitions

| Response Item | Description |
|---------------|--|
| UtilityID | Unique identifier assigned by RateAcuity |

| | |
|-------------|-------------------------------|
| UtilityName | Full name of the utility |
| State | Two letter state abbreviation |

Get /reports/

/reports?username=&pass=&uid=&useType

Get default supply rates for all utilities and schedules within the RateAcuity database

| Parameter | Description |
|-----------|---|
| username | username assigned by RateAcuity for authentication |
| password | password assigned by RateAcuity for authentication |
| uid | optional utilityID. If used, results will only contain schedules for the requested utility. |
| useType | optional parameter to indicate what class of schedules should be returned. Values are R for residential, or C for commercial. |

Example Request

https://secure.rateacuity.com/RateAcuityDefaultSupplyReports_API/api/reports?username=&pass=

Example Response

```
[
  {
    "scheduleID": 25,
    "state": "CA"
    "utilityName": "Pacific Gas and Electric Company"
    "effective": "3/1/2022"
    "scheduleName": "A-1",
    "scheduleDescription": "SMALL GENERAL SERVICE",
    "useType": "C"
    "optionDescription": "Non-Time-of-Use",
    "minUsage": "",
    "maxUsage": "149000",
    "minDemand": "",
    "maxDemand": "74",
    "reports": [
      {
        "startTime": "0",
        "endTime": "2359",
        "daysApplicable": "YYYYYYYY",
        "startDate": "05/01",
        "endDate": "10/31",
        "hourlySupply": "",
        "dailySupply": "",
        "incrementStart": "",
        "incrementEnd": "",
        "determinant": "kWh",
```

```

    "chargeUnit": "per month",
    "jan": 0,
    "feb": 0,
    "mar": 0,
    "apr": 0,
    "may": 0.1284700,
    "june": 0.1284700,
    "july": 0.1284700,
    "aug": 0.1284700,
    "sep": 0.1284700,
    "oct": 0.1284700,
    "nov": 0,
    "dec": 0
  },
  {
    "startTime": "0",
    "endTime": "2359",
    "daysApplicable": "YYYYYYYY",
    "startDate": "11/01",
    "endDate": "04/30",
    "hourlySupply": "",
    "dailySupply": "",
    "incrementStart": "",
    "incrementEnd": "",
    "determinant": "kWh",
    "chargeUnit": "per month",
    "jan": 0.0883300,
    "feb": 0.0883300,
    "mar": 0.0883300,
    "apr": 0.0883300,
    "may": 0,
    "june": 0,
    "july": 0,
    "aug": 0,
    "sep": 0,
    "oct": 0,
    "nov": 0.0883300,
    "dec": 0.0883300
  }
]

```

Response definitions

| Response Item | Description |
|---------------------|--|
| scheduleID | Unique identifier assigned by RateAcuity |
| state | Two letter state abbreviation |
| utilityName | Name of the utility |
| effective | The date of the latest change to this schedule |
| scheduleName | Name of the schedule as listed by the utility |
| scheduleDescription | Detailed text describing the schedule as provided by the utility |

| | |
|-------------------|---|
| useType | Indicator for class of service for this schedule. 'R' for residential; 'C' for commercial; blank if the schedule can be used for more than one class of service |
| optionDescription | Additional detail explaining contents of this schedule |
| minUsage | Indicator of minimum usage of account served by the schedule |
| maxUsage | Indicator of maximum usage of account served by the schedule |
| minDemand | Indicator of minimum demand of account served by the schedule |

| Reports Response Item | Description |
|-----------------------|--|
| startTime | Beginning hour of the day for which this record should be used. |
| endTime | Ending hour of the day for which this record should be used. |
| daysApplicable | 8 characters indicating which days of the week this record applies to. The 8 characters represent the days of the week (Sunday through Saturday) and the 8 th character represents if the records applies to holidays. Each character will be "Y" or "N". |
| startDate | Beginning date for which this record should be used. Format MM/DD. |
| endDate | Ending date for which this record should be used. Format MM/DD. |
| hourlySupply | Value will be "true" if hourly supply rates that are not included in the dataset apply to this schedule, otherwise will be empty. |
| dailySupply | Value will be "true" if daily supply rates that are not included in the dataset apply to this schedule, otherwise will be empty. |
| incrementStart | Beginning range of usage for which this record should be used. |
| incrementEnd | Ending range of usage for which this record should be used. |
| determinant | Text showing how record is measured such as kW or kWh. |
| chargeUnit | Text showing how often the rate is applied such as per month, per day, etc. |
| jan | Rate for the record in January. |
| feb | Rate for the record in February. |
| mar | Rate for the record in March. |
| apr | Rate for the record in April. |
| may | Rate for the record in May. |
| jun | Rate for the record in June. |
| jul | Rate for the record in July. |
| aug | Rate for the record in August. |
| sep | Rate for the record in September. |
| oct | Rate for the record in October. |
| nov | Rate for the record in November. |
| dec | Rate for the record in December. |