

# Web Services

Documentation (/services) » Fetch all Utility Companies

## `https://api.openei.org/utility_companies? params`

The `/utility_companies` endpoint returns a list of all utility companies with an Energy Information Administration ID and their aliases. For example, Xcel Energy of Colorado is an alias for Public Service Co of Colorado, so both Xcel Energy of Colorado and Public Service Co of Colorado will appear separately in the returned list.

You'll need an API key to send a request. You can request a free API key using our signup form (</services/api/signup/>).

Alternatively, we also support a webpage where you can view all EIA Utility Companies and Aliases ([https://openei.org/wiki/Category:EIA\\_Utility\\_Companies\\_and\\_Aliases](https://openei.org/wiki/Category:EIA_Utility_Companies_and_Aliases)) without using the API.

You are viewing documentation for the latest version of the API. You can also view previous versions:

- Version 1 ([/services/doc/rest/util\\_cos/?version=1](/services/doc/rest/util_cos/?version=1)): Unsupported. Includes optional parameters *limit*, *offset*, *callback*, *detail*, and *debug*.
- Version 2 ([/services/doc/rest/util\\_cos/?version=2](/services/doc/rest/util_cos/?version=2)): Includes optional parameters *callback*, and *debug*.

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## Standard Request

The request URL provides the endpoint where your request will be sent. You'll need to send a GET request to:

`https://api.openei.org/utility_companies?parameters`

You'll replace *parameters* with any of the request parameters. All requests must include a *version*, *format*, and *api\_key*.

## Minimum Request Example

**GET** `https://api.openei.org/utility_companies?version=latest&format=json&api_key=YOUR_API_KEY`

**To retrieve a list of all companies:**

- Replace *latest* with the version of the API you would like to use.
- Replace *json* with the format you would like to receive your response in.
- Replace *YOUR\_API\_KEY* with your API key.

## Request Parameters

Parameter	Required	Value	Description
<b>version</b>	Yes	<b>Options:</b> <i>latest</i> , 1, 2, or 3	Choose which version of the API you would like to use. We recommend using the latest version.
<b>format</b>	Yes	<b>Options:</b> <i>json</i> , or <i>json_plain</i>	The format determines how the response will be output. The format parameter will be disregarded if the debug parameter is set.
<b>api_key</b>	Yes	<b>Type:</b> String	You can request a free API key using our signup form (/services/api/signup/).
<b>callback</b>	No	<b>Type:</b> String <b>Options:</b> <i>US</i> or <i>international</i>	callback=<mycallback> — set mycallback as the json callback.
<b>scope</b>	No	<b>Default:</b> <i>US</i>	Set the value to <i>US</i> to return U.S. utility companies or to <i>international</i> to return all companies.
<b>debug</b>	No	<b>None</b>	Print the ask query sent to the server.

## Response Fields

Field	Value	Description
<b>label</b>	<b>Type:</b> string	The page label is the last part of the web page path. For example, for page <a href="https://apps.openei.org/USURDB/rate/view/539fc9d7ec4f024d2f53f5b6">https://apps.openei.org/USURDB/rate/view/539fc9d7ec4f024d2f53f5b6</a> , the page label is <b>539fc9d7ec4f024d2f53f5b6</b> .
<b>uri</b>	<b>Type:</b> URI	The link to the page in the URDB where the utility company is listed.

## Examples

### Get a list of utility companies in JSON format

#### Request

**GET** [https://api.openei.org/Utility\\_companies ?  
version=latest&format=json&limit=3&api\\_key=YOUR\\_API\\_KEY&limit=3](https://api.openei.org/Utility_companies?version=latest&format=json&limit=3&api_key=YOUR_API_KEY&limit=3)

Be sure to:

- Set the *version* to the version of the API you would like to use.
- Replace *YOUR\_API\_KEY* with your API key.
- Set the *limit* to the number of records you would like returned.

#### Response

```

1  {"properties": {},
2      "items": [
3          {"label": "3 Phases Energy Services",
4             "uri": "https://openei.org/wiki/3 Phases Energy Services"},
5          {"label": "4-County Electric Power Assn",
6             "uri": "https://openei.org/wiki/4-County Electric Power Assn"},
7          {"label": "A & N Electric Coop",
8             "uri": "https://openei.org/wiki/A & N Electric Coop"}]

```

## Print the ask query sent to the server

### Request

**GET** [https://api.openei.org/Utility\\_companies?version=latest&format=json&api\\_key=YOUR\\_API\\_KEY&debug](https://api.openei.org/Utility_companies?version=latest&format=json&api_key=YOUR_API_KEY&debug)

Be sure to:

- Set the *version* to the version of the API you would like to use.
- Replace *YOUR\_API\_KEY* with your API key.

### Response

[URL: <https://openei.org/w/api.php?>

[POST CONTENT: cmtitle=Category%3AEIA%20Utility%20Companies%20and%20Aliases&action=query&]

## Errors

Standard errors ([/services/doc/rest/web\\_service\\_errors](/services/doc/rest/web_service_errors)) may be returned. In addition, the following service-specific errors may be returned:

### HTTP

Status Code	Description
400	Invalid Request — One or more parameters did not pass validation or a parameter may be missing. Check the <i>error</i> section of the response to see how the request URL should be modified to address the error.
500	A problem occurred on the server-side. This is likely due to a failure of a downstream service. The request cannot be processed at this time.

## Additional Resources

- [/GET — Fetch Utility Rates \(/services/doc/rest/util\\_rates?version=7\)](/services/doc/rest/util_rates?version=7)
- [/GET — Fetch all Pages that include a Specific Term \(/services/doc/rest/recommend\)](/services/doc/rest/recommend)
- [/GET — Fetch Incentives for Renewables & Efficiency \(/services/doc/rest/incentives/\)](/services/doc/rest/incentives/)



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- [Help \(/wiki/Help:Contents\)](/wiki/Help:Contents)
- [Print Page \(/w/index.php?title=Wind for Schools Portal&printable=yes\)](/w/index.php?title=Wind%20for%20Schools%20Portal&printable=yes)
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