

Web Services

URDB Rest API

This reference documentation describes the endpoints, parameters, and request/response schemas required to retrieve information from the URDB.

- `/GET` Fetch Utility Rates (`/services/doc/rest/util_rates?version=7`)
 - This operation allows you to list utility rates by a specific utility, date, sector, country, address, latitude, longitude, radius, and/or EIA ID.
- `/GET` Fetch all Pages that include a Specific Term (`/services/doc/rest/recommend`)
 - This operation lists all pages that include the term you specified in the request.
 - You can also specify a URL to search for terms on a specific page.
- `/GET` Fetch all Utility Companies (`/services/doc/rest/util_cos?version=3`)
 - This operation lists all EIA Utility Companies and Aliases.
- `/GET` Fetch Incentives for Renewables & Efficiency (`/services/doc/rest/incentives`)
 - This operation lists all incentives that are available for a specified state or province.

Web resources

If you do not need to use the API, you can search our website for information available in the URDB.

- Utility Rate Database (https://openei.org/wiki/Utility_Rate_Database) — The homepage for the URDB where you can search for a specific utility rate.
- Utility Companies (https://openei.org/wiki/Category:Utility_Companies) — A list of all utility companies the URDB supports.
- Utilities Gateway (<https://openei.org/wiki/Gateway:Utilities>) — A hub for outage information and utility statistics.
- Incentives & Policies Gateway (https://openei.org/wiki/Gateway:Incentives_and_Policies) — A hub for information about incentives and policies. You can search incentives and policies in (<https://openei.org/wiki/Special:RunQuery/IncentiveSearch>)OpenEI.

Other ways to Query the URDB

- Ask queries (`/services/doc/ask`) — A form of condition text boxes that can be used to find information available through Semantic MediaWiki (<https://semantic-mediawiki.org/>). These queries can be exported to a variety of formats, such as JSON, CSV, and HTML.
- SPARQL queries (`/services/doc/sparql`) — A SPARQL Query Form that can be used to retrieve information from the URDB in JSON format.

More Resources

- NREL's developer network (<https://developer.nrel.gov>) — NREL's developer documentation and community.
- Hackathon Resources (https://openei.org/wiki/Help:Energy_Hackathon_Resources) — A hub for NREL resources for hackathons.

API Key

Sign up to use our APIs.

[Get an API Key \(/services/api/signup\)](/services/api/signup)

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- [Get Involved \(/wiki/OpenEI:Get_Involvement\)](/wiki/OpenEI:Get_Involvement)
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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_for_Schools_Portal&printable=yes)
- [Special Pages \(/wiki/Special:SpecialPages\)](/wiki/Special:SpecialPages)
- [Upload File \(/datasets/upload/\)](/datasets/upload/)
- [Developer Services \(/services/\)](/services/)

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