Package ‘energyr’

December 2, 2018

Version 0.1.2

Title Data Published by the United States Federal Energy Regulatory Commission

Description Data published by the United States Federal Energy Regulatory Commission including electric company financial data, natural gas company financial data, hydropower plant data, liquified natural gas plant data, oil company financial data, natural gas company financial data, and natural gas storage field data.

URL https://github.com/paulgovan/energyr

BugReports https://github.com/paulgovan/energyr/issues

Depends R (>= 2.10.0)

Imports RgoogleMaps

License Apache License

LazyData TRUE

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**electric**  
*Electric Company Rates*

**Description**

Electric Company Financial Information as reported by FERC.

**Usage**

`electric`

**Format**

Data frame with columns

- **Company** Electric Company
- **Revenue** Annual Revenue in USD
- **Bill** Annual Bill in USD
- **Year** Reporting Year

**Source**

http://www.ferc.gov/industries/electric/annual-charges.asp

**Examples**

```r
dim(electric)
head(electric)
```

**energyr**  
*An R package containing Federal Energy Regularity Commission (FERC) data*

**Description**

energyr is an R package containing data from http://www.ferc.gov.

**energyr functions**

- electric
- gas
- hydropower
- lng
- oil
- pipeline
- storage
**gas**  

*Natural Gas Company Rates*

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**Description**

Natural Gas Company Financial Information as reported by FERC.

**Usage**

gas

**Format**

Data frame with columns

- **Company**  Natural Gas Company
- **Revenue**  Annual Revenue in USD
- **Bill**  Annual Bill in USD
- **Year**  Reporting Year

**Source**

http://www.ferc.gov/industries/gas/annual-charges.asp

**Examples**

```
dim(gas)
head(gas)
```

---

**hydropower**  

*Hydropower Plant Information*

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**Description**

Hydropower Plant Information as reported by FERC.

**Usage**

hydropower
Format

Data frame with columns

Number  FERC Hydropower Plant Number
Name    Name of Hydropower Plant
Expiration  Expiration Date of the License
Issued   Issue Date of the License
Status   Current Status of the Plant
Capacity  Capacity of the Plant in KW
Company  Name of the Hydropower Company
Waterway Name of the Waterway
lat      Approximate Latitude of the Plant
lon      Approximate Longitude of the Plant

Source

http://www.ferc.gov/industries/hydropower.asp

Examples

dim(hydropower)
head(hydropower)

---

LNG Plant Information

Description

LNG Plant Information as reported by FERC.

Usage

1ng

Format

Data frame with columns

Location  Location of the LNG Plant
Company   Name of the LNG Company
Capacity  Capacity of the Plant in Bcfd
Type     Type of LNG Plant
Status   Status of Plant
lat      Approximate Latitude of the Plant
lon      Approximate Longitude of the Plant
oil

Source


Examples

dim(lng)
head(lng)

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oil  Oil Company Rates

Description

Oil Company Financial Information as reported by FERC.

Usage

oil

Format

Data frame with columns

  Company  Oil Company
  Revenue  Annual Revenue in USD
  Bill  Annual Bill in USD
  Year  Reporting Year

Source

http://www.ferc.gov/industries/oil/annual-charges.asp

Examples

dim(oil)
head(oil)
**Description**

Natural Gas Pipeline Project Information as reported by FERC.

**Usage**

pipeline

**Format**

Data frame with columns

- **Name**: Name of the Pipeline Project
- **Operator**: Name of the Pipeline Operator
- **Type**: Type of Pipeline Project
- **Pipeline**: Type of Pipeline
- **Status**: Status of the Pipeline Project
- **Completed**: Date of Project Completion
- **Year**: Year of Project Completion
- **States**: State(s) of the Pipeline Project
- **Region**: FERC Region of the Pipeline Project
- **Cost**: Cost of the Pipeline Project in USD
- **Miles**: Miles of Pipeline
- **Capacity**: Capacity of the Pipeline in MMcf/d
- **Diameter**: Diameter(s) of the Pipeline in Inches
- **Pipeline**: Intrastate or Interstate Pipeline
- **Authority**: Regulatory Authority for the Project
- **Docket**: FERC Docket Number

**Source**


**Examples**

```
dim(pipeline)
head(pipeline)
```
**Natural Gas Storage Field Information**

**Description**
Natural Gas Storage Field Information as reported by FERC.

**Usage**
storage

**Format**
Data frame with columns

- **Company** Name of the Storage Company
- **Field** Name of the Storage Field
- **Reservoir** Name of the Storage Reservoir
- **Type** Type of Storage Field
- **County** County Where the Field is Located
- **State** State Where the Field is Located
- **Region** AGA Region Where the Field is Located
- **Working** Working Capacity in Mcf
- **Total** Total Capacity in Mcf
- **MDD** Maximum Daily Delivery in McF
- **address** Location of the Field
- **lat** Approximate Latitude of the Field
- **lon** Approximate Longitude of the Field

**Source**

**Examples**
```r
dim(storage)
head(storage)
```
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