Package 'energyr'

July 8, 2024

Version 0.1.3

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,

http://paulgovan.github.io/energyr/

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

Depends R (>= 2.10.0)

Suggests RgoogleMaps

License Apache License

LazyData TRUE

RoxygenNote 7.2.3

NeedsCompilation no

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Repository CRAN

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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

    dim(electric)
    head(electric)

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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

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gas	*Natural Gas Company Rates*

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*

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 *LNG Plant Information*

Description

LNG Plant Information as reported by FERC.

Usage

```
lng
```

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

Source

http://www.ferc.gov/industries/gas/indus-act/lng.asp

Examples

```
dim(lng)
head(lng)
```

---

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)
```

pipeline	*Pipeline Project Information*

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

http://www.ferc.gov/industries/gas/indus-act/pipelines.asp

Examples

```
dim(pipeline)
head(pipeline)
```

storage	*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

http://www.ferc.gov/industries/gas/indus-act/storage.asp

Examples

```
dim(storage)
head(storage)
```

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