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OIR-19-01 RIN versus URL

Additional submitted attachment is included below.

OIR-19-01 RIN versus URL

RIN (Rate Identification Number) versus URL (Uniform Resource Locator).

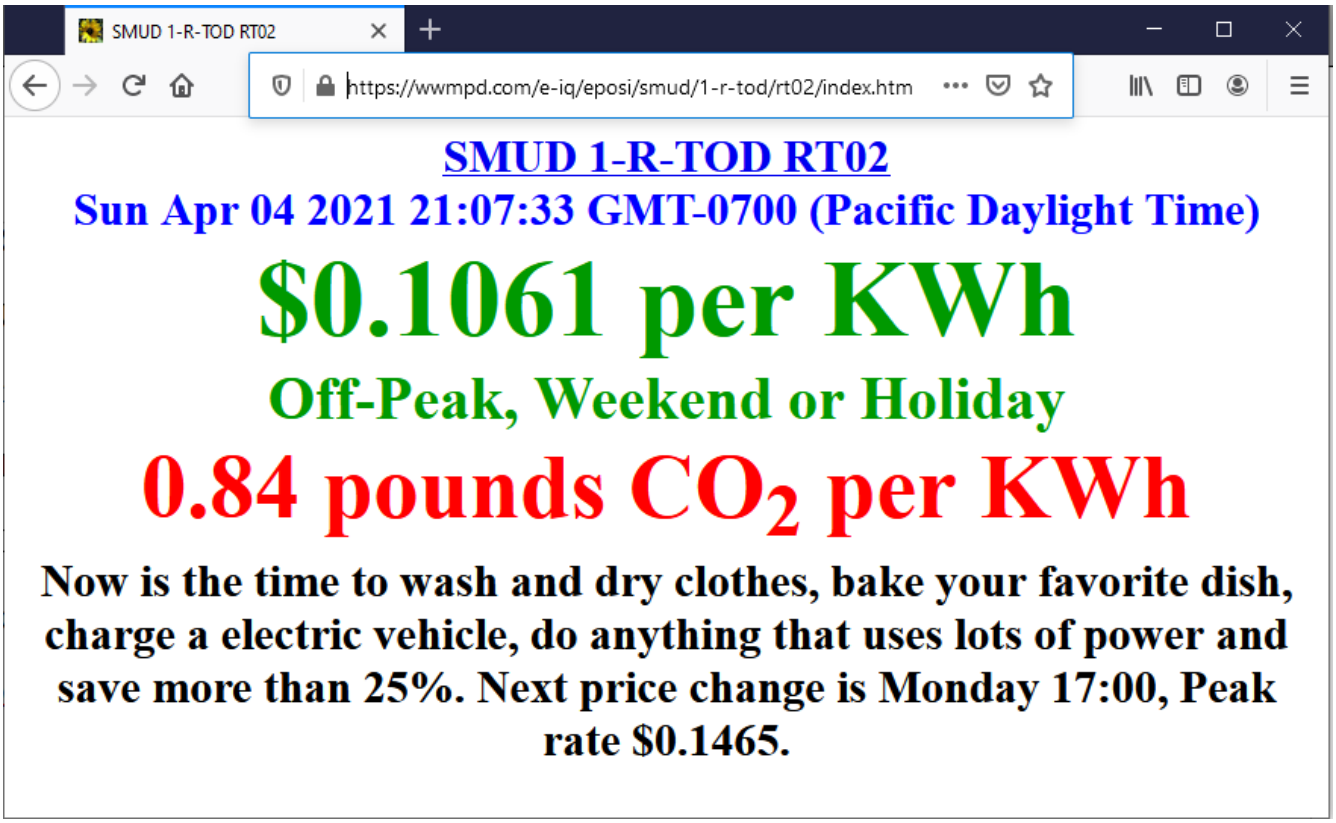
Perhaps URL has more capabilities than RIN.

URL has existed for many years and is key to the success of the World Wide Web.

MIDAS (http://midastest/ server not found) could use URL instead of RIN.

Below is a example of using URL to locate rate data that could drive demand automation.

URL: https://wwmpd.com/e-iq/eposi/smud/1-r-tod/rt02/index.htm



The data for the rate schedule is contained in the web page file as JavaScript Objects and JavaScript Arrays as shown below:

var dataset={data:[

{provider:"SMUD",schedule:"1-R-TOD",tariff:"RT02",
link:"https://www.smud.org/-/media/Documents/Electric-Rates/Residential-and-Business-Rate-information/PDFs/1-R-TOD.pdf",

category:["Off-Peak, Weekend or Holiday","Off-Peak, Weekend or Holiday","Off-Peak, Weekend or Holiday","Off-Peak, Weekend or Holiday","Off-Peak, Weekend or Holiday","Off-Peak, Weekend or Holiday","Off-Peak, Weekend or Holiday","Off-Peak, Weekend or Holiday","Off-Peak, Weekend or

Holiday","Off-Peak, Weekend or Holiday","Off-Peak, Weekend or Holiday","Off-Peak, Weekend or Holiday","Off-Peak, Weekend or Holiday","Off-Peak, Weekend or Holiday","Off-Peak, Weekend or Holiday","Off-Peak, Weekend or Holiday","Off-Peak, Weekend or Holiday","Off-Peak, Weekend or Holiday","Off-Peak, Weekend or Holiday","Off-Peak, Weekend or Holiday"],

dollars:
[.106100,.106100],

pounds:
[.6700,.6700,.6700,.6700,.6700,.6700,.6700,.7300,.7600,.8200,.6700,.6700,.6700,.6700,.6700,.6700,.6700,.8400,.8400,.8400,.8400,.8400,.8900,.6700],

This format is easily extracted to build and maintain other databases for all rates.

A web browser provides a human readable result to better understand the source code of the web page.

Try it, https://wwmpd.com/e-iq/eposi/smud/1-r-tod/rt02/index.htm

Each electric utility could produce their own web page like the one I have shown here and publish it on their website.

The static web page format can be updated in real-time to provide dynamic pricing and greenhouse gas data, while serving data to users at low cost per user.

A demand automation device manufacturer's device could directly read the web page and act on the data in real-time.

The public could read the web page and make decisions on when it is best to use appliances.

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