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IEPR-2024-03 hitched to everything else in the Universe

Additional submitted attachment is included below.

IEPR-2024-03 hitched to everything else in the Universe

"When we try to pick out anything by itself, we find it hitched to everything else in the Universe." John Muir.

The U.S. Energy Information Administration (EIA) tracks balancing authorities. Data is found here, <u>http://api.eia.gov/bulk/EBA.zip</u>.

The attached charts and graphs show how balancing authority energy sources are "hitched" together.

The charts are based on EIA's "EBA.zip" data file "EBA.txt". The charts and graphs show hourly inventories for the months of August and September of 2024. The graphs highlight maximums and minimums.



This graph indicates electricity demand maximum megawatt-hours using a red flag, minimum using a blue flag. Electricity sources serving load are indicated as gray for electricity generation by converting fossil fuels that emit greenhouse gases (GHG) to electricity. Electricity sources serving load indicated as green are electricity generation by converting non-greenhouse gases (NONGHG) fuel energy to electricity. Maximum and minimum GHG values are flagged as gray, NONGHG are flagged as green. Orange flags indicate missing data. All flags are shown below the X axis. Moving the mouse pointer over graph bars and flags will open Tooltips for more details, when viewing the website in "eia.zip" or <u>https://wwmpd.com/eia/eba/home</u> table of contents.

Select balancing authorities table of contents file "../eia/eba/home/index.htm" when using the website in attached "eia.zip".

The List of California related balancing authorities will lead you to charts and graphs.

please enjoy,

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