

WAPTAC REFRIGERATOR DATABASE DOWNLOAD **AND** **INSTRUCTIONS FOR USE**

Downloading

<http://www.waptac.org/>

On the left side of the home page under Technical Tools click on Refrigerator Guide

Click Analysis Tool

Click Microsoft Access Format

Click Save to Disk and save the zipped file to your computer

Database Use

Open the refrigerator database

Select the brand name of the existing refrigerator, Click Next

Select the Model Number of the existing refrigerator, Click Next

The model number of the existing refrigerator will be displayed, Click Next

Enter the data on the replacement refrigerator, Click Next

Input the cost per kWh, discount factor and economic life of the new refrigerator.

*Current SPPC rates as of January 1, 2010 are:

- . 11791 per kWh Single Family households
- . 10950 per kWh Multi-family households

*Current NVP rates as of January 1, 2010 are:

- .12098 per kWh Single Family households
- .11700 per kWh Multi-family households

Discount rate is 3.3%

Economic Life – 15 years

* Update this information each time the utilities have a rate change. If the electric utility is something other than SPPC or NVP please enter the current data for that utility.

After entering the above data and Click Next the screen will display the SIR of the replacement refrigerator. If it is an SIR of 1 or better the refrigerator may be replaced. *Print this page and retain a copy in the client file.*

To print the SIR page go to File, Print, Print Page 11.

If actual kWh usage is not available and the refrigerator was manufactured before 1992 the default table is to be used to estimate kWh usage, follow the steps below to run the SIR.

Open the refrigerator database

Select the brand name of the existing refrigerator, Click Next

Click Meter

Click Other to enter the annual usage from the default table

In the space provided Enter the annual energy consumption from the default table Click Next

Enter the data on the replacement refrigerator, Click Next

Enter the utility costs, discount factor and economic life of the new refrigerator and Click Analyze

If the SIR is 1 or better the refrigerator may be replaced. Print this page and retain a copy in the client file.