

Memorandum

DATE: **September 11, 2024** CARRIE SMITH Digitally signed by CARRIE SMITH
Date: 2024.09.11 06:54:47 -07'00'

REPLY TO: **WAP Memorandum 137**

ATTN OF: **Carrie Smith, Readiness and Retrofit Program Manager, Weatherization Assistance Program**

SUBJECT: **Transfer of RED Calc Free and RED Calc Pro to Department of Energy**

TO: **WAP Grantee Program Managers, WAP Subgrantee Managers**

In 2023 the U.S. Department of Energy's (DOE) Weatherization Assistance Program (WAP) and Building Technologies Office (BTO) collaboratively procured the Residential Energy Dynamics (RED) Calc Free and RED Calc Pro web application software tools. WAP and BTO worked with the Pacific Northwest National Laboratory (PNNL) to transition these tools to the Building America Solution Center (BASC). Now known officially as RED Calc, the tool formerly known as RED Calc Free are found at the following link: [RED Calc | Building America Solution Center \(pnnl.gov\)](https://basc.pnnl.gov/redcalc)¹. The new version of RED Calc Pro is scheduled for release September 13th, 2024.

These tools have long been used for ventilation sizing, airflow measurements, and insulation decisions by WAP Grantees, Subgrantees, and Weatherization Training Centers as well as the private home performance network, utilities, and code enforcement sector. By transitioning to the BASC, all tools included in RED Calc Free and RED Calc Pro, as they presently function, will be available for free. The newly titled "RED Calc." plans to combine the Free and Pro tools to streamline access and useability.

Since the legacy version of these tools includes data of past calculations, the transfer requires a procedure ensuring no data are lost. RED Calc Pro subscribers will receive an email on September 13th or later, from Rick Karg, President of RED, with instructions on how to transfer data securely.

DOE WAP and BTO commit to provide the level of quality expected from these tools, while investing in enhancement to increase useability and data sharing capabilities for WAP, private home performance network, utilities, and code enforcement sectors.

Please send questions regarding this Memorandum to wapta@hq.doe.gov and redcalc@pnnl.gov.

¹ <https://basc.pnnl.gov/redcalc>