



## Environmental Data and Governance Initiative Website Access Assessment Report

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### Assessment of Removals and Changes in Access to Resources on the EPA's "Climate and Energy Resources for State, Local, and Tribal Government" Website

October 17, 2017

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## Assessment of Removals and Changes in Access to Resources on the EPA's "Climate and Energy Resources for State, Local, and Tribal Government" Website

### Overview

On April 28, 2017, the EPA removed its website titled "Climate and Energy Resources for State, Local, and Tribal Governments." Approximately three months later, a new website titled "Energy Resources for State, Local, and Tribal Governments" was launched in its place, with fewer pages and omitting Web resources relating to climate and climate change. All Web tools and certain energy resources appear to have been moved from the previous website to the new one, although a comprehensive comparison has not yet been conducted.

[Substantial climate-related content was removed from the EPA website on April 28](#) and URLs for multiple EPA climate change subdomains began redirecting to an [update notice](#) stating that the EPA's website was being updated "to reflect EPA's priorities under the leadership of President Trump and Administrator Pruitt." The launch of the new "Energy Resources" website is the first example where the EPA has returned content following those April 28th removals, and it is notable that large portions of previously available content on the website have not been returned.

### Description of Changes in Access

1. As part of the [EPA's climate change website overhaul](#), which began on April 28 and affected multiple subdomains, the EPA removed the "[Climate and Energy Resources for State, Local, and Tribal Governments](#)" website at the "[epa.gov/statelocalclimate](#)" subdomain (Page 1).<sup>1</sup> At this time, all of these URLs began redirecting to [the EPA website update notice](#). The "/statelocalclimate" subdomain webpages are archived in the EPA's [January 19 snapshot](#).<sup>2</sup>
2. Between July 24 and 27, the EPA launched the "[Energy Resources for State, Local, and Tribal Governments](#)" website at the "[epa.gov/statelocalenergy](#)" subdomain (Page 2). This is the first example of returned content since the EPA's climate change website removals on April 28.
  - a. With the launch of the new website, all previous "/statelocalclimate" subdomain URLs now redirect to the URL [www.epa.gov/statelocalenergy](#), the homepage of the new website.
  - b. No [news release](#) was posted by the EPA announcing the launch of the new website. This is in contrast to the [EPA's announcement of the website overhaul start on April 28](#).

<sup>1</sup> The EPA also removed: [epa.gov/climate-impacts](#), [epa.gov/climatechange](#), [epa.gov/climate-change-science](#), and other subdomains

<sup>2</sup> On February 15, 2017, the EPA posted a [snapshot of the January 19, 2017 version of the epa.gov website](#)

3. Certain content that appeared on the previous website has **not been included** in the new website:
  - a. Unlike the previous website, the new website main page does not link to [“State Climate Action Framework”](#), [Local Climate Action Framework](#), [“Climate Showcase Communities”](#), [“Tribes & Climate Change Action”](#), or other climate related resources. No webpages corresponding to these links or resources contained in these pages have been found on the new website (Page 1, 2).
  - b. The word “climate” was mentioned 15 times on the previous website’s main page (Page 1), while the new website’s main page makes no mention of the word (Page 2).
  - c. As a particular example, the [“State Climate and Energy Program”](#) webpage (Page 3) on the previous website does not appear on the new website. This webpage used to link to climate resources such as the [“State Climate Action Framework”](#), [“Climate Change Risks and State Adaptation”](#), and other webpages.
4. Certain content from the previous website has been **moved** to the new website
  - a. All [previous Web resources on the “Tools” page](#) appear to be present on the [new website](#) (Pages 4, 5). These include Web resources such as “AVoided Emissions and geneRation Tool (AVERT)” on the previous ([April 14, 2017](#)) and current website ([September 25, 2017](#)).
  - b. Certain [state and local energy resources](#) remain on the new website, although the transfer of these resources from the previous to the new website has not been checked comprehensively (Page 2). For example, the pages “Assessing the Multiple Benefits of Clean Energy: A Resource for States” on the “/statelocalclimate” subdomain ([April 14, 2017](#)) and on the “/statelocalenergy” subdomain ([October 1, 2017](#)) are very similar.
5. From an [analysis of the previous and new website](#), the previous “/statelocalclimate” subdomain contained [380 webpages](#)<sup>3</sup>. [175 URLs](#)<sup>4</sup> corresponding to live webpages were identified on the current “/statelocalenergy” subdomain on September 25, 2017. [144 URLs](#) of the original 380 lead to a live page if the “/statelocalclimate” URL path is swapped with “/statelocaleenergy”. At least [47 new URLs](#) with no URL path counterpart on the “/statelocalclimate” subdomain were added to the “/statelocalenergy” subdomain. **For full analysis, see the [“Analysis of Previous and New Website URLs and Page Status”](#) section below.**

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<sup>3</sup> According to the [EPA’s response to a Freedom of Information Act request, filed by the Environmental Defense Fund](#), there were [380 webpages](#) on the previous “/statelocalclimate” subdomain, not including PDFs and other documents linked from those pages.

<sup>4</sup> There may be more live webpages on the “/statelocalenergy” subdomain, that are not linked from one of the identified 175 webpages.

## Report Table of Contents

Report Section	Title	URL	Webpage Status
<a href="#">Page 1</a>	Climate and Energy Resources for State, Local, and Tribal Governments	<a href="https://www.epa.gov/statelocalclimate">https://www.epa.gov/statelocalclimate</a>	Previous webpage, now updated
<a href="#">Page 2</a>	Energy Resources for State, Local, and Tribal Governments	<a href="https://www.epa.gov/statelocalenergy">https://www.epa.gov/statelocalenergy</a>	Current webpage
<a href="#">Page 3</a>	State Climate and Energy Program	<a href="https://www.epa.gov/statelocalclimate/state-climate-and-energy-program">https://www.epa.gov/statelocalclimate/state-climate-and-energy-program</a>	Previous webpage, now removed
<a href="#">Page 4</a>	State and Local Climate and Energy Tools	<a href="https://www.epa.gov/statelocalclimate/state-and-local-climate-and-energy-tools">https://www.epa.gov/statelocalclimate/state-and-local-climate-and-energy-tools</a>	Previous webpage, now updated
<a href="#">Page 5</a>	Tools for State, Local, and Tribal Governments	<a href="https://www.epa.gov/statelocalenergy/tools-state-local-and-tribal-governments">https://www.epa.gov/statelocalenergy/tools-state-local-and-tribal-governments</a>	Current webpage
<a href="#">Analysis</a>	Analysis of Previous and Current Website URLs and Page Status	<a href="#">Analysis link</a>	-

**Note:** Pages 3 and 4 are presented as representative types of important resources that have been removed and updated, respectively. Altered resources have not, however, been detailed comprehensively. A summary of the scale of removed and moved webpages is provided in the final “Analysis” section.

For pages listed as coming from the “Previous website” above: links corresponding to removed resources, which do not appear on the new website, or resources for which the corresponding new webpage has significantly reduced content, are highlighted in red below.

## Detailed Description of Change in Access

### Page 1: [Climate and Energy Resources for State, Local, and Tribal Governments](#) (Previous webpage, now updated)

- URL: <https://www.epa.gov/statelocalclimate>
- Page removed on **April 28, 2017**
- URL currently [redirects](#) to [www.epa.gov/statelocalenergy](http://www.epa.gov/statelocalenergy)
  - *Note: All pages on the “/statelocalclimate” subdomain currently redirect to the URL “epa.gov/statelocalenergy”. The redirect began between **July 24, 2017 8:08 AM ET** and **July 27, 2017 7:32 AM ET***
- EPA Web archives: [January 19 snapshot](#)

### Page 1 Details

1. The “Climate and Energy Resources for State, Local, and Tribal Governments” main page was removed on April 28, 2017 and [the page URL began redirecting](#) to an EPA update [notice](#).
2. The “Climate and Energy Resources for State, Local, and Tribal Governments” main page URL currently redirects to the “Energy Resources for State, Local, and Tribal Governments” page at the URL <https://www.epa.gov/statelocalenergy> ([redirect on September 21, 2017](#)).
3. The “Climate and Energy Resources for State, Local, and Tribal Governments” main page linked to the following pages of the website as they appeared on April 13-14, 2017. Links corresponding to removed resources, which do not appear on the new website, or resources for which the corresponding new webpage has significantly reduced content, are **highlighted in red below**. See Page 2 below as a reference for removed content. (*Note: the links below are to the Internet Archive snapshots of the corresponding pages; the scrolling page banner links were excluded for this analysis*):
  - New Resources
    - [Energy efficiency and renewable energy in low-income communities: new case studies](#)
    - [Updated State Inventory Tool released](#) (*Note: this page is no longer linked from the main page but is linked from the “[Inventory Tools](#)” page*)
  - State Climate and Energy Program
    - [State Climate Action Framework](#)
    - [State Activities](#)
    - [State Topics](#)
    - [State Webinars](#)
    - [EM&V for EE Policies and Initiatives](#)
  - Local Climate and Energy Program
    - [Local Climate Action Framework](#)
    - [Climate Showcase Communities](#)
    - [Local Examples](#)
    - [Local Topics](#)

- [Local Webinars](#)
- Tribal Climate and Energy Resources
  - [Tribes & Climate Change Action](#)
  - [Resources & Opportunities](#)
  - [Tribal Webinars](#)
  - [Tribal Greenhouse Gas Inventory Tool](#)
- Featured Resources
  - [Assessing the Multiple Benefits of Clean Energy](#) \*
  - [Energy and Environment Guide to Action](#) \*
  - [Local Government Climate and Energy Strategy Series](#) \*<sup>5</sup>
  - [AVoided Emissions and geneRation Tool \(AVERT\)](#)
  - [Co-Benefits Risk Assessment \(COBRA\) Screening Model](#)
- Browse By Resource Type
  - [Webinars](#) (Note: current webinar webpage can be found [here](#), but substantial climate content has been removed)
  - [Publications](#) (Note: access to publications has not been comprehensively checked)
  - [Tools](#)
  - [Data](#) (Note: the “Data” page did not host any data; it only links to EPA and other agency data resources)
  - [Newsletters](#) (Note: current newsletter available for energy, but not for climate, topics [here](#))

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<sup>5</sup> \* Note: these resources are not linked from the new website’s main page and are not necessarily linked on the new website, but the resources remain available at the new website’s subdomain with the swapped “/statelocalclimate” and “/statelocalenergy” URL path.

**Screenshot 1.1**

**EPA** United States Environmental Protection Agency

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## Climate and Energy Resources for State, Local, and Tribal Governments

### EPA's Climate Showcase Communities

See how other communities are running their own climate and energy programs.

[Learn More >>](#)

#### New Resources

- [Energy efficiency and renewable energy in low-income communities: new case studies](#)
- [Updated State Inventory Tool released](#)

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Investing in energy efficiency, renewable energy, and climate change policies and programs is an important way for state and local governments to achieve multiple goals: reducing greenhouse gas emissions, improving air quality and people's health, and saving money. EPA's State and Local Climate and Energy Program offers expertise about energy efficiency, renewable energy, and climate change policies and programs to interested [state](#), [local](#), and [tribal](#) governments.

### State Climate and Energy Program

[State Climate Action Framework](#)  
[State Activities](#)  
[State Topics](#)  
[State Webinars](#)  
[EM&V for EE Policies and Initiatives](#)

### Local Climate and Energy Program

[Local Climate Action Framework](#)  
[Climate Showcase Communities](#)  
[Local Examples](#)  
[Local Topics](#)  
[Local Webinars](#)

### Tribal Climate and Energy Resources

[Tribes & Climate Change Action Resources & Opportunities](#)  
[Tribal Webinars](#)  
[Tribal Greenhouse Gas Inventory Tool](#)

### Featured Resources

[Assessing the Multiple Benefits of Clean Energy](#)

[Energy and Environment Guide to Action](#)

[Local Government Climate and Energy Strategy Series](#)

[Avoided Emissions and Generation Tool \(AVERT\)](#)

[Co-Benefits Risk Assessment \(COBRA\) Screening Model](#)

### Browse By Resource Type

[Subscribe to our updates](#)

[Contact Us](#) to ask a question, provide feedback, or report a problem.

**Internet Archive:** Version of page from [April 13, 2017](#). Evidence of redirect to [EPA's update notice](#) on [April 29 2017](#), and evidence of redirect to new website ([www.epa.gov/statelocalenergy](http://www.epa.gov/statelocalenergy)) on [September 21, 2017](#)

**Page 2: [Energy Resources for State, Local, and Tribal Governments](https://www.epa.gov/statelocalenergy) (Current webpage)**

- URL: <https://www.epa.gov/statelocalenergy>
- Website launched between **July 24, 2017 8:08 AM ET** and **July 27, 2017 7:32 AM ET**
- EPA Web archives: The EPA has no archived versions of this page (*Note: as this page is current and live, archived versions might not be expected*)

**Page 2 Details**

1. The "Energy Resources for State, Local, and Tribal Governments" main page links to the following pages of the website as they appeared on August 7 - October 17, 2017 (*Note: the links below are to the Internet Archive snapshots of the corresponding pages*):
  - What's New
    - [New case studies available: bringing the benefits of energy efficiency and renewable energy to low-income communities](#)
  - Tools
    - [AVoided Emissions and geneRation Tool \(AVERT\)](#)
    - [CO-Benefits Risk Assessment \(COBRA\) Screening Model](#)
    - [Inventory Tools](#)
    - [Clean Energy Finance Tool](#)
    - [All Tools](#)
  - Publications
    - [View publications](#)
  - Data
    - [Clean Air Markets Data and Maps](#)
    - [Emissions & Generation Resource Integrated Database \(eGRID\)](#)
    - [U.S. Energy Information Administration State Profiles and Energy Estimates](#)
  - Newsletters & Webinars
    - [Energy Newsletters](#)
    - [Webinar Series](#)
  - Energy Topics
    - [Local Energy Efficiency Benefits & Opportunities](#)
    - [Local Renewable Energy Resources](#)
    - [State Energy Efficiency Benefits & Opportunities](#)
    - [State Renewable Energy Resources](#)
    - [All Topics](#)
2. Unlike the previous website's main page (Page 1), the current website's main page does not have the sections: "State Climate and Energy Program", "Local Climate and Energy Program", "Tribal Climate and Energy Resources." Certain energy resources can be found linked from the "Energy Topics" section. See Page 1 above as a reference for all prior content.



**Screenshot 2.1**

The screenshot shows the EPA website's header with the logo and navigation links: Environmental Topics, Laws & Regulations, and About EPA. A search bar is on the right. Below the header, the main title 'Energy Resources for State, Local, and Tribal Governments' is displayed. A paragraph explains that EPA provides resources for state, local, and tribal governments to use energy efficiency and renewable energy policies. To the right, a 'What's New' box highlights new case studies. The page is organized into four columns: Tools, Publications, Data, and Newsletters & Webinars. Each column contains a list of links to various resources. At the bottom, there is a link to 'Contact Us' for questions or feedback.

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Environmental Topics   Laws & Regulations   About EPA   Search EPA.gov

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## Energy Resources for State, Local, and Tribal Governments

EPA provides these resources to help state, local, and tribal governments use energy efficiency and renewable energy policies and programs to meet their environmental, energy, and economic priorities. While many of our resources were developed for state and local governments, tribes may also find them useful.

### Tools

- [AVoided Emissions and geneRation Tool \(AVERT\)](#)
- [CO-Benefits Risk Assessment \(COBRA\) Screening Model](#)
- [Inventory Tools](#)
- [Clean Energy Finance Tool](#)
- [All Tools](#)

### Publications

[View publications](#) about energy efficiency, renewable energy, benefits quantification, state, local, and tribal policy and program design, financing, and more.

### Data

- [Clean Air Markets Data and Maps](#)
- [Emissions & Generation Resource Integrated Database \(eGRID\)](#)
- [U.S. Energy Information Administration State Profiles and Energy Estimates](#)

### Newsletters & Webinars

- [Energy Newsletters](#)
- [Webinar Series](#)

### What's New

- [New case studies available: bringing the benefits of energy efficiency and renewable energy to low-income communities](#)

## Energy Topics

- [Local Energy Efficiency Benefits & Opportunities](#)
- [Local Renewable Energy Resources](#)
- [State Energy Efficiency Benefits & Opportunities](#)
- [State Renewable Energy Resources](#)
- [All Topics](#)

[Contact Us](#) to ask a question, provide feedback, or report a problem.

**Internet Archive:** Version of the page from [September 25, 2017](#)

**Page 3: [State Climate and Energy Program](#) (Previous webpage, now removed)**

- URL: <https://www.epa.gov/statelocalclimate/state-climate-and-energy-program>
- Page removed on **April 28, 2017**
- URL currently [redirects](#) to [www.epa.gov/statelocalenergy](http://www.epa.gov/statelocalenergy)
  - *Note: All pages on the “/statelocalclimate” subdomain currently redirect to the URL “epa.gov/statelocalenergy”. The redirect began between **July 24, 2017 8:08 AM ET** and **July 27, 2017 7:32 AM ET***
- EPA Web archives: [January 19 snapshot](#)

*This page is presented as a representative example of types of important resources that have been removed from the website.*

**Page 3 Details**

1. The “State Climate and Energy Program” page was removed and no corresponding page exists on the “/statelocalenergy” subdomain:  
<https://www.epa.gov/statelocalenergy/state-climate-and-energy-program> (September 27, 2017).
2. The “State Climate and Energy Program” main page linked to the following pages of the website as they appeared on April 14-21, 2017. Links corresponding to removed resources, which do not appear on the new website, or resources for which the corresponding new webpage has significantly reduced content, are highlighted in red below. (Note: the links below are to the Internet Archive snapshots of the corresponding pages):
  - State Climate and Energy Program
    - [Steps for Addressing Climate Change](#)
    - [Clean Power Plan Toolbox for States](#)
    - [Exploring State Climate and Clean Energy Actions](#)
    - [Understanding State Greenhouse Gas Emissions and Electricity Profiles](#)
    - [Choosing State Climate and Clean Energy Policies](#)
    - [Designing and Implementing State Climate and Clean Energy Policies](#)
    - [Determining State Policy and Program Impacts](#)
    - [Climate Change Risks and State Adaptation](#)
  - EPA State Webinars
    - [Visit the state webinar page to view our upcoming or past webinars](#)
  - State Climate and Energy Newsletter
    - [Subscribe](#) (Note: current newsletter available for energy, but not for climate, topics [here](#))
  - Resources & Tools
    - [Resources & Tools](#)

**Screenshot 3.1**

The screenshot shows the EPA website's 'State Climate and Energy Program' page. The header includes the EPA logo, navigation links for 'Environmental Topics', 'Laws & Regulations', and 'About EPA', and a search bar. The main title is 'Climate and Energy Resources for State, Local and Tribal Governments'. A left sidebar lists navigation options: 'Homepage', 'State Climate and Energy Program' (selected), 'State Climate Action Framework', 'State Activities', 'State Topics', 'State Webinars', 'Local Climate and Energy Program', 'Tribal Climate and Energy Resources', and 'Resources'. The main content area features the 'State Climate and Energy Program' title, a descriptive paragraph, and a list of eight resource links. On the right, there are three promotional boxes: 'EPA State Webinars' with a graphic and link, 'State Climate and Energy Newsletter' with a description and 'Subscribe' link, and 'Resources & Tools' with a link to the 'Resources & Tools' page.

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## Climate and Energy Resources for State, Local and Tribal Governments

Homepage

**State Climate and Energy Program**


- State Climate Action Framework
- State Activities
- State Topics
- State Webinars
- Local Climate and Energy Program
- Tribal Climate and Energy Resources
- Resources

### State Climate and Energy Program

The State Climate and Energy Program helps states develop policies and programs that can reduce carbon pollution, lower energy costs, improve air quality and public health, and help achieve economic development goals. Through this program, EPA provides states with and advises them on carbon pollution standards compliance, cost-effective best practices, peer exchange opportunities, and analytical tools.

- [Steps for Addressing Climate Change](#)
- [Clean Power Plan Toolbox for States](#)
- [Exploring State Climate and Clean Energy Actions](#)
- [Understanding State Greenhouse Gas Emissions and Electricity Profiles](#)
- [Choosing State Climate and Clean Energy Policies](#)
- [Designing and Implementing State Climate and Clean Energy Policies](#)
- [Determining State Policy and Program Impacts](#)
- [Climate Change Risks and State Adaptation](#)

**EPA State Webinars**



[Visit the state webinar page to view our upcoming or past webinars](#)

**State Climate and Energy Newsletter**

The State Climate and Energy Newsletter is available to any state staff involved in clean energy and climate change policies and programs.

Upon subscribing, you will receive EPA's weekly summary of state climate and energy policy news.

[Subscribe](#)

**Resources & Tools**

For more information, see the [Resources & Tools](#) page.

[Contact Us](#) to ask a question, provide feedback, or report a problem.

**Internet Archive:** Version of the page from [April 14, 2017](#). Evidence of redirect to [EPA's update notice](#) on [April 29 2017](#), and evidence of redirect to new website ([www.epa.gov/statelocalenergy](http://www.epa.gov/statelocalenergy)) on [September 21, 2017](#)

#### Page 4: [State and Local Climate and Energy Tools](https://www.epa.gov/statelocalclimate/state-and-local-climate-and-energy-tools) (Previous webpage, now updated)

- URL:  
<https://www.epa.gov/statelocalclimate/state-and-local-climate-and-energy-tools>
- Page removed on **April 28, 2017**
- URL currently [redirects](#) to [www.epa.gov/statelocalenergy](http://www.epa.gov/statelocalenergy)
  - *Note: All pages on the “/statelocalclimate” subdomain currently redirect to the URL “epa.gov/statelocalenergy”. The redirect began between **July 24, 2017 8:08 AM ET** and **July 27, 2017 7:32 AM ET***
- EPA Web archives: [January 19 Snapshot](#)

*This page is presented as a representative example of types of important resources that have been updated on the website. Links from this page to other resources have been moved or altered in the update.*

#### **Page 4 Details**

1. The “State and Local Climate and Energy Tools” page was removed and an updated page, which has been modified, can be found at the URL [www.epa.gov/statelocalenergy/tools-state-local-and-tribal-governments](http://www.epa.gov/statelocalenergy/tools-state-local-and-tribal-governments) (Page 5)
2. The “State and Local Climate and Energy Tools” page linked to the following pages of the website as they appeared around April 14 - May 4, 2017. Although links and website organization were changed, the corresponding new website contains the same “Tools” resources as the previous website did. See Page 5 below as a reference for content that has been moved. (*Note: the links below are to the Internet Archive snapshots of the corresponding pages*):
  - Policy and Program Analysis Tools
    - [AVoided Emissions and geneRation Tool \(AVERT\)](#)
    - [Clean Energy Finance Tool](#)
    - [Co-Benefits Risk Assessment \(COBRA\) Screening Model](#)
    - [Environmental Benefits Mapping and Analysis Program \(BenMAP\)](#)
    - [Greenhouse Gas Equivalencies Calculator](#)
    - [Job and Economic Development Impact \(JEDI\) Model Exit](#)
    - [Policy and Program Impact Estimator: A Materials Recovery Greenhouse Gas Calculator for Communities](#)
    - [Power Profiler](#)
  - Greenhouse Gas Inventory Tools
    - [State Inventory and Projection Tool](#)
    - [Local Greenhouse Gas Inventory Tool](#)
    - [Tribal Greenhouse Gas Inventory Tool](#)
  - ENERGY STAR Tools
    - [Energy Efficiency Benefits Calculator](#)
    - [ENERGY STAR Building Upgrade Value Calculator](#)
    - [ENERGY STAR Cash Flow Opportunity Calculator \(XLS\)](#) (*Note: this links to a January 29, 2017 version of the page*)

- [ENERGY STAR Financial Value Calculator \(XLS\)](#)
- [ENERGY STAR Portfolio Manager](#)
- [ENERGY STAR Target Finder](#)

### Screenshot 4.1

The screenshot shows the EPA website's 'State and Local Climate and Energy Tools' page. The header includes the EPA logo and navigation links for 'Environmental Topics', 'Laws & Regulations', and 'About EPA'. A search bar is also present. The main content area is titled 'State and Local Climate and Energy Tools' and is organized into several sections:

- Policy and Program Analysis Tools**
  - [Avoided Emissions and generation Tool \(AVERT\)](#): Use this tool to estimate the emissions benefits of energy efficiency and renewable energy policies and programs.
  - [Clean Energy Finance Tool](#): For state and local governments interested in developing a financing program to support energy efficiency and clean energy improvements for large numbers of buildings within their jurisdiction.
  - [Co-Benefits Risk Assessment \(COBRA\) Screening Model](#): A tool that helps state and local governments estimate and map the air quality, human health, and related economic benefits of clean energy policies and programs.
  - [Environmental Benefits Mapping and Analysis Program \(BenMAP\)](#): Calculates the number and economic value of air pollution-related deaths and illnesses.
  - [Greenhouse Gas Equivalencies Calculator](#): Use this tool to translate abstract measurements into concrete terms you can understand.
  - [Job and Economic Development Impact \(JEDI\) Model](#) [EXIT](#): Use this tool to estimate the economic impacts of constructing and operating power generation and biofuel plants at the local and state levels.
  - [Policy and Program Impact Estimator: A Materials Recovery Greenhouse Gas Calculator for Communities](#): This Excel spreadsheet calculator is designed to help municipalities, counties, and tribes estimate reductions in life cycle GHGs from implementing new or expanded solid waste policies and programs in their communities.
  - [Power Profiler](#): Use this tool to determine the specific air emissions impacts associated with the electricity you use.
- Greenhouse Gas Inventory Tools**
  - [State Inventory and Projection Tool](#): Use this tool to develop state GHG emissions inventories and create a simple forecast of emissions through 2030.
  - [Local Greenhouse Gas Inventory Tool](#): Use this tool to compile a GHG inventory for your entire community or for local government operations in particular.
  - [Tribal Greenhouse Gas Inventory Tool](#): Use this tool to compile a GHG inventory for your entire tribe or for tribal government operations in particular.
- ENERGY STAR Tools**
  - [Energy Efficiency Benefits Calculator](#)
  - [ENERGY STAR Building Upgrade Value Calculator](#)
  - [ENERGY STAR Cash Flow Opportunity Calculator \(XLS\)](#) (414K)
  - [ENERGY STAR Financial Value Calculator \(XLS\)](#) (1.1M)
  - [ENERGY STAR Portfolio Manager](#)
  - [ENERGY STAR Target Finder](#)

At the bottom, there is a link: [Contact Us](#) to ask a question, provide feedback, or report a problem.

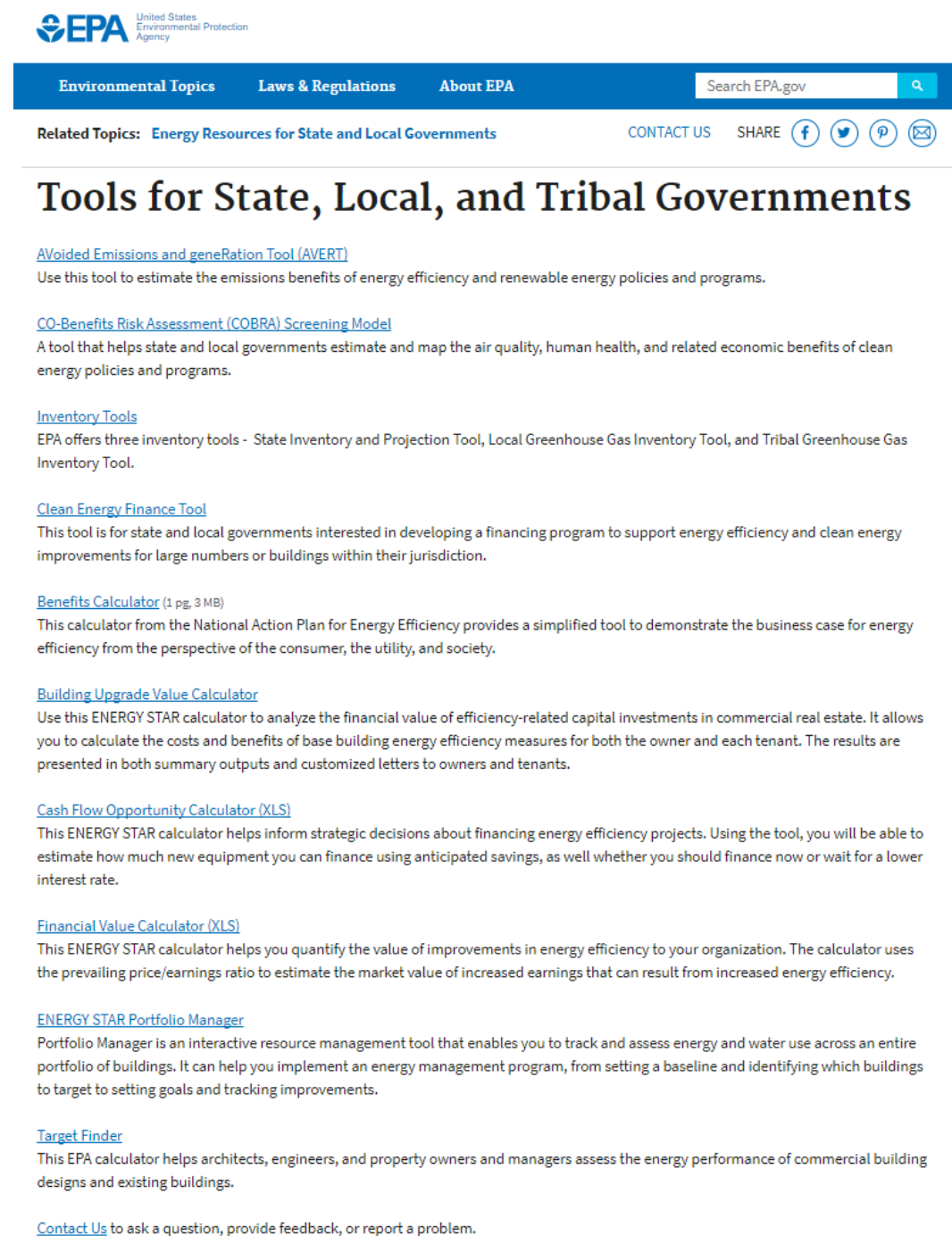
**Internet Archive:** Version of the page from [April 14, 2017](#). Evidence of redirect to [EPA's update notice](#) on [April 29, 2017](#), and evidence of redirect to new website ([www.epa.gov/statelocalenergy](http://www.epa.gov/statelocalenergy)) on [September 21, 2017](#)

**Page 5: [Tools for State, Local, and Tribal Governments](https://www.epa.gov/statelocalenergy/tools-state-local-and-tribal-governments) (Current webpage)**

- URL: <https://www.epa.gov/statelocalenergy/tools-state-local-and-tribal-governments>
- Website launched between **July 24, 2017 8:08 AM ET** and **July 27, 2017 7:32 AM ET**
- EPA Web archives: The EPA has no archived versions of this page (*Note: as this page is current and live, archived versions might not be expected*)

**Page 5 Details**

1. The "Tools for State, Local, and Tribal Governments" main page links to the following pages of the website as they appeared on August 1 - October 17, 2017 (*Note: the links below are to the Internet Archive snapshots of the corresponding pages*):
  - [AVoided Emissions and geneRation Tool \(AVERT\)](#)
  - [CO-Benefits Risk Assessment \(COBRA\) Screening Model](#)
  - [Inventory Tools](#)
  - [Clean Energy Finance Tool](#)
  - [Benefits Calculator](#)
  - [Building Upgrade Value Calculator](#)
  - [Cash Flow Opportunity Calculator \(XLS\)](#)
  - [Financial Value Calculator \(XLS\)](#)
  - [ENERGY STAR Portfolio Manager](#)
  - [Target Finder](#)
2. Certain links and resources that were directly linked from the previous website's "Tools" page (Page 4) have now been moved to new pages that aggregate those links. For example, the three links in the "Greenhouse Gas Inventory Tools" section on Page 4 are now all linked from a [new page](#) on the new website. See Page 4 above as a reference for all content that has been moved.

**Screenshot 5.1**


**EPA** United States Environmental Protection Agency

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## Tools for State, Local, and Tribal Governments

[Avoided Emissions and geneRation Tool \(AVERT\)](#)  
Use this tool to estimate the emissions benefits of energy efficiency and renewable energy policies and programs.

[CO-Benefits Risk Assessment \(COBRA\) Screening Model](#)  
A tool that helps state and local governments estimate and map the air quality, human health, and related economic benefits of clean energy policies and programs.

[Inventory Tools](#)  
EPA offers three inventory tools - State Inventory and Projection Tool, Local Greenhouse Gas Inventory Tool, and Tribal Greenhouse Gas Inventory Tool.

[Clean Energy Finance Tool](#)  
This tool is for state and local governments interested in developing a financing program to support energy efficiency and clean energy improvements for large numbers or buildings within their jurisdiction.

[Benefits Calculator](#) (1 pg, 3 MB)  
This calculator from the National Action Plan for Energy Efficiency provides a simplified tool to demonstrate the business case for energy efficiency from the perspective of the consumer, the utility, and society.

[Building Upgrade Value Calculator](#)  
Use this ENERGY STAR calculator to analyze the financial value of efficiency-related capital investments in commercial real estate. It allows you to calculate the costs and benefits of base building energy efficiency measures for both the owner and each tenant. The results are presented in both summary outputs and customized letters to owners and tenants.

[Cash Flow Opportunity Calculator \(XLS\)](#)  
This ENERGY STAR calculator helps inform strategic decisions about financing energy efficiency projects. Using the tool, you will be able to estimate how much new equipment you can finance using anticipated savings, as well whether you should finance now or wait for a lower interest rate.

[Financial Value Calculator \(XLS\)](#)  
This ENERGY STAR calculator helps you quantify the value of improvements in energy efficiency to your organization. The calculator uses the prevailing price/earnings ratio to estimate the market value of increased earnings that can result from increased energy efficiency.

[ENERGY STAR Portfolio Manager](#)  
Portfolio Manager is an interactive resource management tool that enables you to track and assess energy and water use across an entire portfolio of buildings. It can help you implement an energy management program, from setting a baseline and identifying which buildings to target to setting goals and tracking improvements.

[Target Finder](#)  
This EPA calculator helps architects, engineers, and property owners and managers assess the energy performance of commercial building designs and existing buildings.

[Contact Us](#) to ask a question, provide feedback, or report a problem.

**Internet Archive:** Version of the page from [September 27, 2017](#)

## Analysis of Previous and Current Website URLs and Page Status

From an [analysis of the previous and new website](#) (conducted on September 25, 2017):

1. According to the [EPA's response to a Freedom of Information Act request, filed by the Environmental Defense Fund](#), there were [380 webpages](#) on the previous "/statelocalclimate" subdomain, not including PDFs and other documents linked from those pages.
2. [175 URLs](#) corresponding to live webpages were identified on the current "/statelocalenergy" subdomain (September 25, 2017). Each of these pages can be reached by navigating from within the "/statelocalenergy" subdomain. Starting from the main page, it is possible to follow links to one of these webpages. (*Note: there may be more live webpages on the "/statelocalenergy" subdomain that are not linked from one of these 175 pages.*)
3. Starting from the list of [380 URLs](#) on the "/statelocalclimate" subdomain and swapping the "/statelocalclimate" with the "/statelocalenergy" URL path produces [144 URLs](#) that correspond to currently-live webpages. Some of these pairs contain the same content - for example, compare [www.epa.gov/statelocalclimate/avert-tutorial-homepage](http://www.epa.gov/statelocalclimate/avert-tutorial-homepage) (April 21, 2017) and [www.epa.gov/statelocalenergy/avert-tutorial-homepage](http://www.epa.gov/statelocalenergy/avert-tutorial-homepage) (Septmeber 28, 2017). Other pairs, like Page 1 and Page 2 above, contain content that has been substantially altered. (*Note: Some of these webpages are not contained within the 175 above, meaning they are live but inaccessible by navigating from the main page.*)
4. At least [47 new URLs](#) with no URL path counterpart on the "/statelocalclimate" subdomain were added to the "/statelocalenergy" subdomain.
5. **Important note:** This analysis did not investigate content on the previous or current webpages, so a reduction in number of webpages does not necessarily directly mean that content has been removed. For example, content from multiple webpages could have been moved to a single webpage. Examples of content that was, in fact, removed can be found above Page 3.