Accessibility & Inclusion

2018 E Source Forum

Accessibility Overview

Web accessibility refers to the **inclusive** practice of **removing barriers** that prevent interaction with, or access to websites, by people with disabilities.

- Visual
- Hearing
- Motor
- Cognitive

Project Summary

Objectives

- Create an inclusive environment where individuals of all abilities can interact with https://DominionEnergy.com in ways that are convenient for them.

- Develop and apply policies and guidelines to evaluate accessibility, usability, and compatibility with applicable equipment, services, websites and documentation.

- Strengthen employee accountability and build workforce skills that support Section 508 accessibility requirements.

Goal

To certify that www.DominionEnergy.com conforms to level AA of the WCAG 2.0 guidelines by the end of 2018

Background

2017

August-September – Conducted mini-audit

October-November – Full Site Assessment

- **675 pages impacted. Average of 6 error categories and 74 instances per page**
- Cataloged all instances of Priority A, AA, and AAA issues (type, location and number of occurrences)
- Developed overall remediation approach

2018

February-April – Code Remediation (html, CSS)
April – Adobe Accessibility Training for Web Communications Specialist
May-Current – Authoring (text, images) and PDF Remediation
- Adopted a written policy concerning website accessibility and functionality and make it publicly available
- Education meetings to share assessment information (grass-roots)
- Executive Compliance council educational meeting

Results

- Engaged executives
- Structure for web designers and content sponsors
- Accessible software and hardware study for employees
- Retention changes that caused pdf reductions
- Review of Terms and Conditions/Privacy policy related to all microsites, third party sites and applications
- Fully accessible website by year-end

Thank You

Accessibility isn't a one-time activity performed by one group. It's an ongoing process, performed by many.

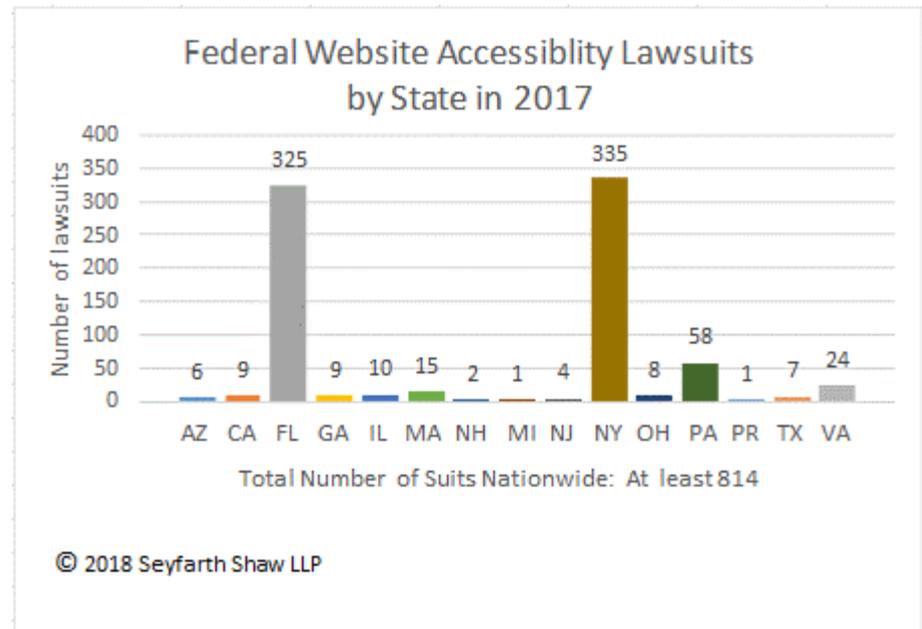# Appendix

The Rehabilitation Act - Section 508

- Section 508 requires Federal agencies to follow a set of standards when they "develop, procure, maintain or use" Information and Communication Technology (ICT).

	Principles	Guidelines	A	AA	AAA
Sight, Hearing, Touch, Transformability, Content & Style Presentation	**Perceivable**	1.1 Text Alternatives	1.1.1		
		1.2 Time-based Media	1.2.1-1.2.3	1.2.4-1.2.5	1.2.6-1.2.9
		1.3 Adaptable	1.3.1-1.3.3		
		1.1 Distinguishable	1.4.1-1.4.2	1.4.3-1.4.5	1.4.6-1.4.9
Inputs, Interaction Methods, User control over timing, Error Recovery	**Operable**	2.1 Keyboard Accessible	2.1.1-2.1.2		2.1.3
		2.2 Enough Time	2.2.1-2.2.2		2.2.3-2.2.5
		2.3 Seizures	2.3.1		2.4.8-2.4.10
		2.4 Navigable	2.4.1-2.4.4	2.4.5-2.4.7	3.1.3-3.1.6
Language, Alternative Representations, Functionality	**Understandable**	3.1 Readable	3.1.1	3.1.2	3.2.5
		3.2 Predictable	3.2.1-3.2.2	3.2.3.-3.2.4	3.3.5-3.3.6
		3.3 Input Assistance	3.3.1-3.3.2	3.3.3-3.3.4	
Functionality Across Current and Future Technologies. Technologies used according to specification.	**Robust**	4.1 Compatible	4.1.1-4.1.2		

A Tough Year For Business

Aside from Accessibility aligning with Dominion Energy's core values and culture of diversity and inclusion, adoption of accessibility guidelines reduces the threat of reputation damage and lawsuits siting discrimination under the American's with Disabilities Act (ADA).

- In 2017, plaintiffs filed at least **814 federal lawsuits** about allegedly inaccessible websites, including a number of putative class actions.

- The first trial in a website accessibility lawsuit took place in 2017 against Winn Dixie-$250,000 to remediate.

Federal Website Accessiblity Lawsuits by State in 2017

Total Number of Suits Nationwide: At least 814

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Source: https://www.adatitleiii.com/2018/01/2017-website-accessibility-lawsuit-recap-a-tough-year-for-businesses/

Useful Tools & Links

[W3C's Web for All Initiative](#) [Accessibility Overview](#) [Web Accessibility Initiative Resources](#) [How to Meet WCAG 2.0](#) [Mobile Accessibility](#)
[WUHCAG](#) – Web Accessibility for Developers Checklists for A, AA and AAA Levels (project team has this documentation) How to Meet WGAC 2.0 Guidelines (project team has this documentation)
[WebAIM](#) Non-profit organization based at the Center for Persons with Disabilities and Utah State University. [Info for Designers](#) [WCAG 2.0 Checklist](#) [WAVE – Web Accessibility Evaluation Tool](#) (quick tool to check specific URLs)
Dominion Tools [Siteimprove](#) – provides quality assurance, accessibility, SEO and other facets of governance on dom.com and other sites as specified in the user account. PowerMapper