Concise Document

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1 Using LaTeX to make documents that meet NREL's requirements

A LaTeX class called *NRELonepager.cls* has been written that implements NREL's formatting requirements in LaTeX, but is oriented towards shorter documents. This is not an official NREL template.

This document is based on an extract from the *NRELarticle.cls* demonstration document.

1.1 NREL's LaTeX Environment

NREL authors are strongly encouraged to use the NREL-hosted web-based latex environment to produce documents from LaTeX. This can be found at latex.nrel.gov and is based on the open source interface used by sharelatex.com. More information can be found at latex.nrel.gov.

Advantages of latex.nrel.gov include:

1. No need to maintain a local version of LaTeX
2. Everyone uses the same version of LaTeX
3. Editors and reviewers can work in a user-friendly environment
4. There is an always-on "track changes" feature
5. Secure hosting of documents within the NREL domain
6. Ability to download source documents for archiving

1.2 Starting new documents

The NREL latex templates are stored on NREL's Github account. To access and use those templates:

1. Go to https://github.com/NREL/latex_editing and download the repository as a .zip file from the icon on the lower right hand side of the page.
2. Got to latex.nrel.gov and start a new project by uploading the zip file. Modify the project properties (name, collaborators, etc) as required.
3. Navigate to the type of document that you want to use, e.g. article or report.
4. Modify *main.tex* as required.

1.3 Functionality

The *NRELonepager.cls* style file has all of the functionality of the NREL article class and is based on the standard LaTeX article class. It uses reduced spacing for the title, section headings, and lists compared to the *NRELarticle.cls*. Citations can be included if required.

This style file does not produce a tagged PDF document.

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