

## **Renewable Energy on Brownfields**

1. RE-Powering America's Land  
<http://www.epa.gov/re-powering>

**Purpose:** Resource outlet page displaying information on - Siting Renewable Energy on Potentially Contaminated Lands, Landfills, and Mine Sites

**Source:** United States Environmental Protection Agency

2. EPA's RE-Powering Mapper Resource  
<http://www2.epa.gov/re-powering/re-powering-mapping-and-screening-tools>

**Purpose:** These tools make it possible to view EPA's information about renewable energy potential on contaminated lands, landfills and mine sites, alongside other information contained in Google Earth.

**Source:** United States Environmental Protection Agency

3. "Cultivating Green Energy on Brownfields- A Nuts and Bolts Primer for Local Governments"  
<http://www.nalgep.org/uploads/pdf/publi02.pdf>

**Purpose:** A proactive resource to help organize aspects of preliminary brownfield siting, project feasibility, and investigation of whether renewable energy resources are appropriate for your community.

**Source:** National Association for Local Government Environmental Professionals

4. "Handbook on Siting Renewable Energy Projects While Addressing Environmental Issues"  
[http://www.epa.gov/sites/production/files/2015-04/documents/handbook\\_siting\\_repowering\\_projects.pdf](http://www.epa.gov/sites/production/files/2015-04/documents/handbook_siting_repowering_projects.pdf)

**Purpose:** Presents an overview surrounding the considerations for brownfields and RCRA cleanup processes.

**Source:** U.S. Environmental Protection Agency - Office of Solid Waste and Emergency Response's Center for Program Analysis

5. "Best Practices for Siting Solar Photovoltaics on Municipal Solid Waste Landfills"  
[http://www.epa.gov/sites/production/files/2015-03/documents/best\\_practices\\_siting\\_solar\\_photovoltaic\\_final.pdf](http://www.epa.gov/sites/production/files/2015-03/documents/best_practices_siting_solar_photovoltaic_final.pdf)

**Purpose:** This document was created to provide assistance to; solar developers, landfill owners, and federal, state and local governments, in addressing common technical challenges for siting PV on MSW landfills.

**Source:** USEPA and National Renewable Energy Laboratory

6. “Converting Limbo Lands to Energy-Generating Stations: Renewable Energy Technologies on Underused, Formerly Contaminated Sites”  
<http://www.nrel.gov/docs/fy08osti/41522.pdf>

**Purpose:** The objective of this report, which provides a geographic screening of potential sites, is to address “Limbo Lands” that are ready for redevelopment and their feasibility with renewable energy technologies.

**Source:** National Renewable Energy Laboratory

7. “Community Solar Gardens - Working with neighbors and communities to create new solar energy”  
[http://www.xcelenergy.com/Energy\\_Solutions/Residential\\_Solutions/Renewable\\_Energy\\_Solutions/SolarRewards\\_Community-MN](http://www.xcelenergy.com/Energy_Solutions/Residential_Solutions/Renewable_Energy_Solutions/SolarRewards_Community-MN)

**Purpose:** Resource outlet detailing how communities may unite to create a public solar garden

**Source:** Xcel Energy

8. “Renewable Energy Potential on Brownfield Sites: A Case Study of Michigan”  
(could not find one for Minnesota)  
[http://www.researchgate.net/publication/223926633\\_Renewable\\_energy\\_potential\\_on\\_brownfield\\_sites\\_A\\_case\\_study\\_of\\_Michigan](http://www.researchgate.net/publication/223926633_Renewable_energy_potential_on_brownfield_sites_A_case_study_of_Michigan)

**Purpose:** This study investigates the application of renewable energy production on brownfield sites using Michigan as a case study. Wind and solar resource maps of Michigan were overlaid with the brownfield locations based on estimates of brownfield land capacity.

**Source:** Land Policy Institute, Michigan State University