



## Energy Justice Module

### Instructor Guide

#### Introduction

This module introduces students to the energy system in the US and the energy justice movement that has sprung from a history of unequal coverage and a desire to shift from an energy system based on fossil fuels to one of renewable energy sources without economically or geographically isolating marginalized populations. The module includes three parts: an introduction to energy justice, an overview of the American energy system, and perspectives on energy justice.

#### Objectives

1. Understand energy justice in policy, research, science, and technology
2. Discover local and international energy justice case studies
3. Understand the importance of energy justice in climate justice
4. Identify how you can implement energy justice in your work and life

#### Preparation for teaching

1. Review how energy is provided in the US
2. [Initiative for Energy Justice](#)
3. [MIT Energy Justice with Dr. Shalanda Baker](#)
4. [Mexican Energy Reform, Climate Change, and Energy Justice in Indigenous Communities](#)
5. [Indigenous Perspective on Energy Justice - Jihan Gearon: Towards a Just Energy Transition](#)
6. [Rural perspective on energy justice - Even in the bright of day, some Central Washington residents have a solar energy 'nightmare'](#)
7. [International perspective on energy justice - Humanizing sociotechnical transitions through energy justice: An ethical framework for global transformative change](#)
8. [Local perspective on energy justice - Energy Resilience in Chelsea, Massachusetts](#)
9. [MIT Renewable Energy Clinic](#)

#### In-class activities to expect

- Partner and class discussions



- Students will discuss the definition of energy justice, the American energy system, how energy justice can be implemented, and will use discussions as wrap ups to in-class videos and readings.
- Video and podcast listening activities
  - Discussions after reading/viewing
  - Video: [MIT Energy Justice with Dr. Shalanda Baker](#)
  - Podcast: [Indigenous Perspective on Energy Justice - Jihan Gearon: Towards a Just Energy Transition](#)

### **Suggestions for future learning**

- 3 optional projects
  - Mapping energy justice project with a report
  - Analyze and grade a piece of energy policy using the [Initiative for Energy Justice Scorecard](#)
  - Analyze a case of energy justice with data from [BU Energy Justice](#) Data Sets, or students can create their own data visualization

### **Suggested readings**

1. [Community Energy](#)
2. [Energy Justice and the Energy Transition](#)
3. Energy Justice Online

For more information, see [Teaching Climate Justice Resources](#)

### **Related modules**

[The Just Transition](#)

[Climate Justice Policy](#)