



# Lifecycle of Renewable Energy Development

1

## Agenda

**1** Siting Renewable Energy Projects

---

**2** Development Timeline & Approach

---

**3** Q&A

---

2

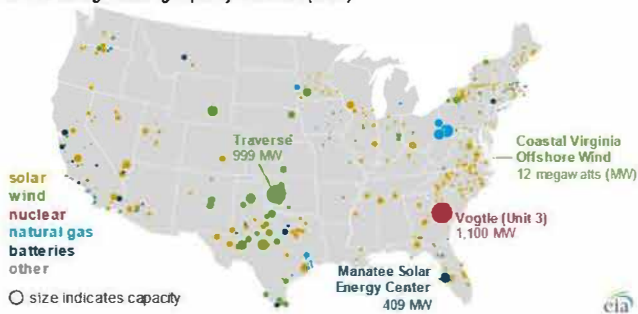
# 1. Siting Renewable Energy Projects

3

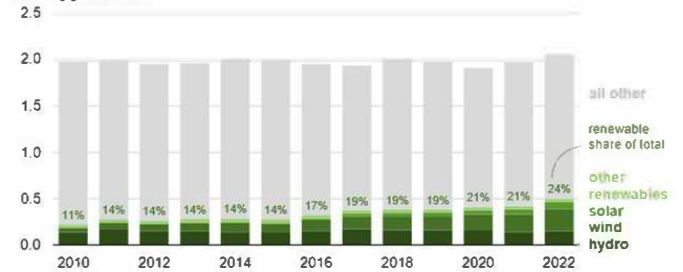
## Siting Renewable Energy Projects

New generating capacity in the U.S. is driven by primarily renewable resources and some natural gas

U.S. electric generating capacity additions (2021)



U.S. electricity generation, first six months of the year (Jan–Jun, 2010–2022)  
million gigawatthours



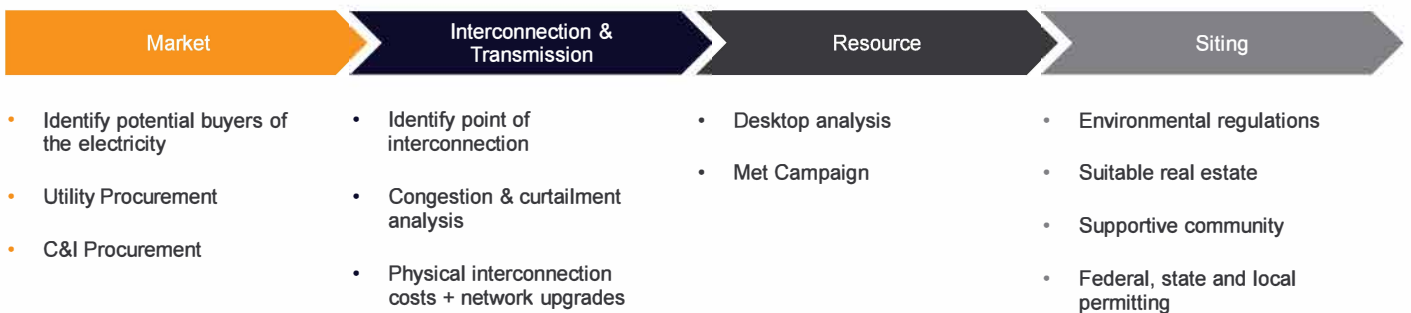
Over the last decade the contribution of renewables to the overall generation stack in the U.S. has grown by 10%

4

The projects are sited taking into consideration several variables



Identifying areas of interest for potential projects begins with identifying suitable areas on the grid and layering with resource analysis. Siting within areas with suitable transmission & resource is driven by a combination of environmental, real estate and permitting factors.



Find the full text of this and thousands of other resources from leading experts in dozens of legal practice areas in the [UT Law CLE eLibrary \(utcle.org/elibrary\)](https://utcle.org/elibrary)

Title search: Lifecycle of Renewable Energy Projects

Also available as part of the eCourse

[Answer Bar: Navigating a Renewable Energy Project](#)

First appeared as part of the conference materials for the  
2024 Renewable Energy Law Essentials session

"Lifecycle of Renewable Energy Projects"