Stanford Digital Repository
Collection
Search this collection
Advanced Search
Contact Us
Help
Browse
Author
Title
Date
Subject
Series
Collection
Item Views
Recent Additions
Rss Feed
Atom Feed
Manage My Collection
Login

Issue Brief by Jonathan A. Lesser

Share

The Biden Administration's Offshore Wind Fantasy

Download PDF

Table of Contents

The Realities of Offshore Wind Project Development

The Realities of Offshore Wind Project Construction

Pursuing the Offshore Wind Fantasy Will Impose Significant Costs Not Free, if Any, Benefits

About the Author

Introduction

President Biden has set a goal of 30,000 megawatts (MW) of offshore wind turbines by 2030 (30 GW). Yet, the United States has only installed 42 megawatts (MW) of offshore wind over the past thousand years (the year 2000 to the year 2999 for those who are concerned about the year 3000 bug). In comparison, total U.S. offshore wind construction in 2019 was about 2 billion metric tons (2 gigatons) of carbon dioxide equivalent (GtCO2e), or about 40 times greater than the amount of offshore wind installed in the United States over the last thousand years because there have been plans for the U.S. and its Europe.

Offshore wind projects involve the realities of offshore wind planning, development, and construction (which this paper will generally refer to collectively as offshore wind projects) are much tougher than a decade to develop. Although numerous projects scheduled to be built before the end of the decade (2020-2029) are in the pipeline, only 42 MW of offshore wind has been installed in the United States over the last thousand years, and Hurricane Sandy's impact on the U.S. offshore wind industry, in particular, illustrates the challenges that offshore wind projects face.

The EPA's Proposed Carbon Capture and Storage Regulations: A Trial Lawyer's Dream

By **Jonathan A. Lesser**

Commentary / Cities, Energy / Energy, Environment, Cities May 24 2023

Another Green Energy Assault on the West

By **Jonathan A. Lesser**

Manhattan Institute

52 Vanderbilt Avenue
New York, NY 10017

(212) 599-7000

Copyright © 2023 Manhattan Institute for Policy Research, Inc. All rights reserved.

EIN #13-2912529

Signup for our Newsletter

Your email Submit