

# Getting Started with Clean Energy Atlas

A quick reference for new and returning users

## Access Information

URL: [cleanenergyatlas.com](https://cleanenergyatlas.com) Password: CEA2026

Also available: [windatlas-global.vercel.app](https://windatlas-global.vercel.app) (no password) | [ikeatlas.com](https://ikeatlas.com) (hub)

## SECTION 1 — THE MAP

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The map loads with the transmission grid visible by default. All energy layers are off — you build the view you want using the Layers panel on the left.

## SECTION 2 — LAYERS PANEL

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1. Click any energy type to toggle it on — Wind, Solar, Hydro, Nuclear, Hydrogen, Storage, Geothermal, Data Centers
2. Use "All On" / "All Off" buttons to show or hide everything at once
3. Toggle Transmission Lines and Substations independently
4. Each layer shows a live project count
5. The Heatmap button adds a wind density overlay
6. The Connections button shows data center fiber links

## SECTION 3 — SEARCHING & BROWSING

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- Type any project name, country, owner, or technology in the search bar
- Click a result to fly the map to that project and open its detail panel
- Use "Browse All" to open the full database table with sorting and filters

## SECTION 4 — PROJECT DETAIL PANEL

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Click any marker on the map to open the detail panel. You'll see:

- Project name, location, capacity, owner, status, year
- Download buttons: CSV, JSON, TXT, PDF
- For pipeline projects: progress bar showing approval stage, developer, ISO queue data, Related News

## SECTION 5 — PIPELINE LAYER

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Click "Show Pipeline" in the Layers panel to load 461 proposed projects seeking grid approval.

- Filter by type: Wind, Solar, Storage, Gas, Hydro, Other
- Filter by stage: Applied → Under Study → Agreement Signed → Permitted → Under Construction
- Click any pipeline marker to open its full detail panel
- Download project data in 4 formats from the detail panel

## SECTION 6 — NEWS FEED

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Click the newspaper icon (top right) to open the Energy News panel.

- Filter by category: Market, Policy, Project, Investment, Technology
- Click any headline to open the full article in a new tab
- Use "Save PDF" to save an article summary as a PDF to your files
- Use "Copy" to copy the article details to your clipboard

## SECTION 7 — OTHER FEATURES

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- Theme toggle: switch between dark and light mode
- Language selector: change map label language
- Help panel: built-in feature guide (? button)
- Keyboard shortcut: press "/" to focus the search bar, Escape to close panels

### Tip for New Users

Start by toggling on the Transmission Grid and one energy layer. Then try clicking "Show Pipeline" to explore what's coming next.

Questions or feedback → [kimotx@mac.com](mailto:kimotx@mac.com) | [ikeatlas.com](http://ikeatlas.com)