



ILLINOIS COAL TO
SOLAR
& Energy Storage Initiative

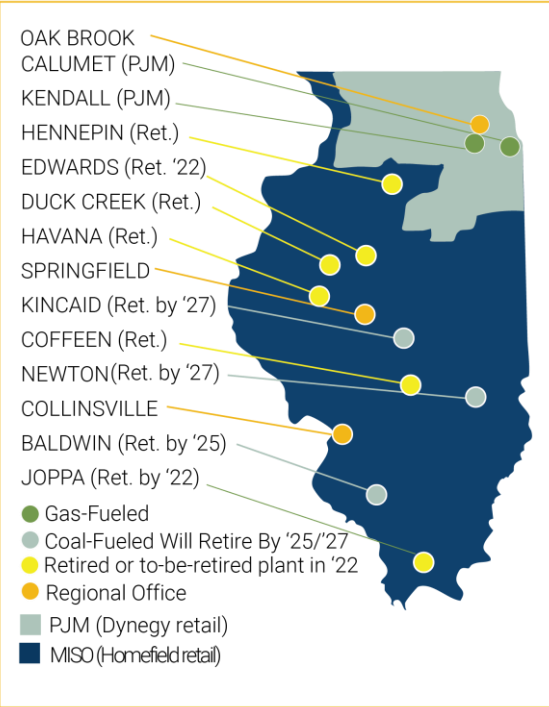
*Development Briefing:
Coffeen*

January 2022

VISTRA

A First-in-the-Nation Fleet Transformation:

An Innovative Pivot From Plant Retirements to Renewables























After years of advocacy, the **Coal to Solar** development framework was included in the recently enacted omnibus **Energy Transition Act**. Vistra supported this legislation because it unlocks a brighter future for our plant communities and helps transition sites into renewable energy hubs. Two targeted programs will support development at plants:

- **Illinois Power Agency REC Procurements:** Support development of co-located utility-scale solar and energy storage facilities at six Vistra-owned coal plant sites.
- **DCEO Development Agreements for Battery Energy Storage:** Agreements to facilitate development of battery energy storage at three Vistra-owned coal plant sites that do not have characteristics to support utility-scale solar development.

As passed, the framework allows **Vistra to invest ~\$550 million** to develop nearly **~300 MW of utility-scale solar** and **~150 MW of battery energy storage** at nine existing plant sites. The framework supports utility-scale, zero-emission renewable development to occur in every community impacted by recent or future coal plant retirements.

Vistra's priority is to have all projects enter commercial service as soon as possible to assist with the transition to renewable energy and to provide communities with economic and fiscal stimulus.

A Statewide Jobs Program Through An Unprecedented Buildout: *Vistra's Anticipated Plant-by-Plant Renewable Development*

| | Legacy Plant | Utility-Scale Solar | Energy Storage |
|------------|---|---|---|
| Baldwin |  |  68 MW |  9 MW |
| Coffeen | |  44 MW |  6 MW |
| Duck Creek | |  20 MW |  3 MW |
| Edwards |  | |  37 MW |
| Havana | | |  37 MW |
| Hennepin | |  50 MW |  6 MW |
| EEL/Joppa |  | |  37 MW |
| Kincaid |  |  60 MW |  8 MW |
| Newton |  |  52 MW |  7 MW |

*Edwards closing in 2022 pursuant to previously negotiated agreement.
 **EEL/Joppa is closing in 2022 following a settlement with the Sierra Club.

Key Timelines & Processes:

Before the Act's passage, Vistra had completed preliminary regulatory and site work to expedite construction and delivery of the projects. The Act provides for timelines to guide the accelerated development of **Coal to Solar** projects:

Solar + Storage Developments: Illinois Power Agency to hold procurement event between March - May 2022. Development cannot begin in full until a signed contract is in place with the agency, though planning work is ongoing.

Act Targeted Delivery Window for Projects: June 2023 – June 2024

Stand Alone Energy Storage: DCEO to solicit development agreements facilitating stand-alone energy storage no later than March 31, 2022, with awards expected in June 2022. The process is still being defined at the agency.

Act Targeted Delivery Window for Projects: June 2024 – June 2025



Coffeen is Part of Historic Ramp Up of Renewables: *Your Community Will Be An Anchor of Illinois' Zero-Emission Future*

Existing Ill. Capacity Coal to Solar Development



 **9 Sites:**
3 - 37 MW Capacity

 **6 Sites:**
20 - 68 MW Capacity

Existing Capacity from June 2021
Preliminary Monthly Electric
Generator Inventory, U.S. Energy
Information Administration

The size and scope of the Coal to Solar Initiative is historic. The repurposed plant sites will create the largest fleet of combined utility-scale solar and battery energy storage facilities in Illinois.

The generation capacity of utility-scale solar will increase 7x and battery energy storage will more than double from June 2021 levels.

Factors That Could Influence Development Timeline:

- Prior to bill passage, Vistra had already begun interconnection process with MISO/PJM for all solar + storage sites. We've filed additional material and expect feedback in Q1 2022 – though regulatory delays are common with MISO/PJM and there is a substantial backlog.
- Vistra is finalizing all environmental studies and anticipates work being completed by end of Q1 2022.
- We request input of any local permitting or regulatory concerns now, so projects can be “construction-ready” upon state award and regulatory approval.



A Renewed Purpose For Coffeen Provides A Just Transition: *New Renewable Plant Provides Stable Source of Property Taxes*

Impact of Coal to Solar & Energy Storage Act Investment at the Coffeen Plant Site From 2022 - 2024



66 Total Direct, Indirect &
Induced Full-Time Jobs Created
in the Local Community



\$5 M in Earnings for Local
Workers & \$7.3 M Boost for the
Local County Economy



Up to 57% Increase In Property
Taxes to Local Governments
Compared to Land Value

~\$63 M
Invested at Plant

 44 MW

 6 MW

Status: Pre-submission engineering and review

Acres Required for Development: 331

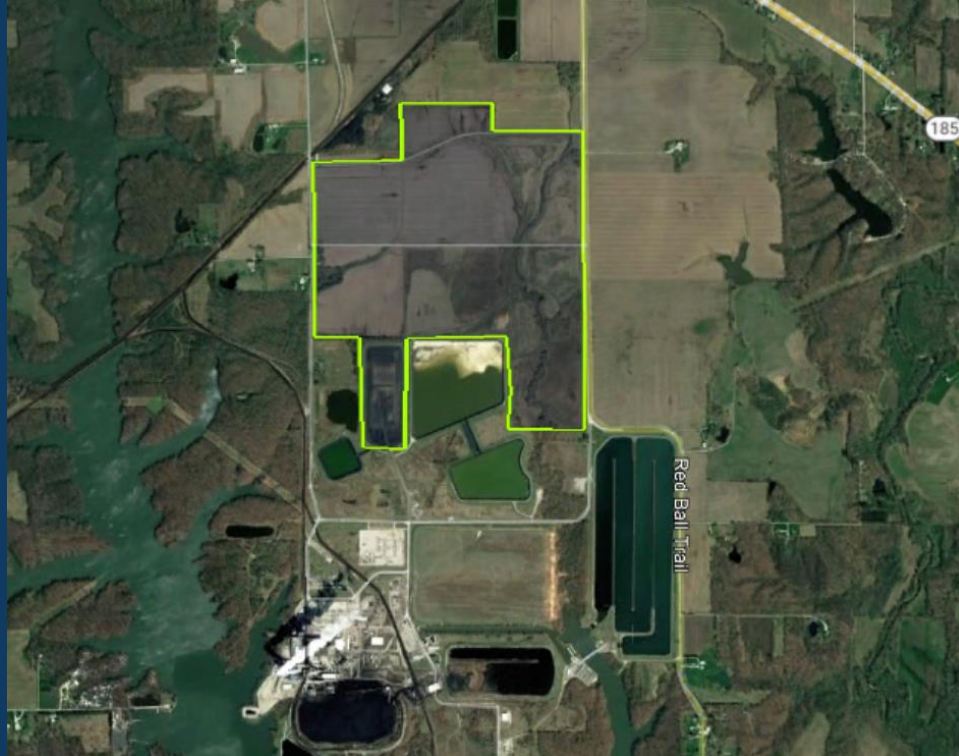
Construction Time: 12 – 18 Months

Site Work Begins: Est. Q3 2022

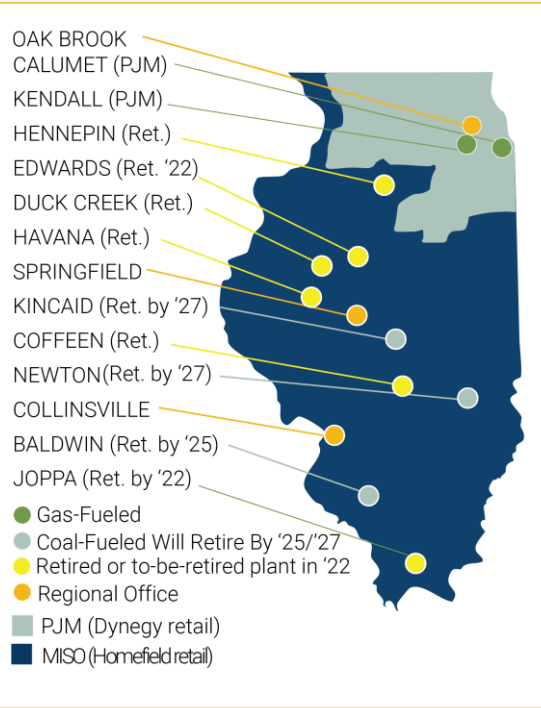
Estimated Delivery Window: June 2023 – June 2024

Estimated New Property Tax Level: \$720 – \$900 K

Anticipated Coffeen Development Area: 44 MW of Utility-Scale Solar, 6 MW / 22 MWh Storage



A First-in-the-Nation Fleet Transformation: *An Innovative Pivot From Plant Retirements to Renewables*



Vistra has taken decisive steps to responsibly operate, retire, and transition its Illinois legacy coal fleet to be anchors of Illinois' new zero-emission, renewable energy economy. By 2027, Vistra estimates its fleet-wide emissions will have been reduced by 92% from when the company acquired the fleet in 2018.

The company is committed to helping plant communities and employees through the transition to renewable energy. Vistra will maintain a local presence for decades to come as it completes the following projects:

- **Coal to Solar & Energy Storage Initiative:** Vistra will spend over \$550 million to develop approximately 300 MW of utility-scale solar and 150 MW of battery energy storage at nine plants by 2025.
- **Responsible Retirement & Closure Process:** Vistra is committed to environmental stewardship and the responsible closures of its legacy fleet and coal ash impoundments. The company is in the process of finalizing closure plans for each plant site consistent with state and federal regulations.

Vistra has committed over \$1 billion to build renewables at plant sites and ensure its legacy coal plants are responsibly retired, remediated and closed across the state.

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