



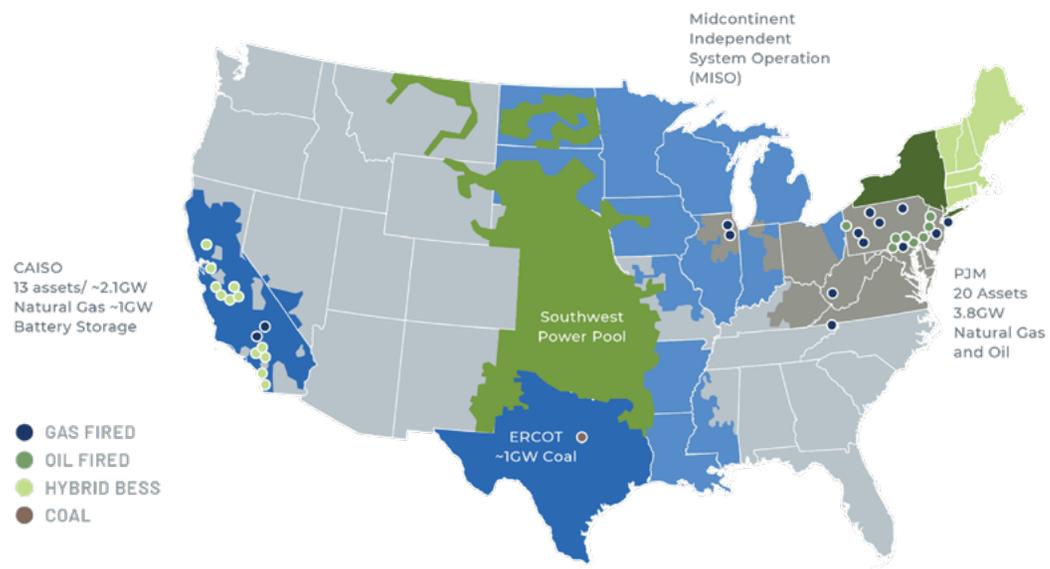
# THE VACA DIXON RENEWABLE POWER PROJECT



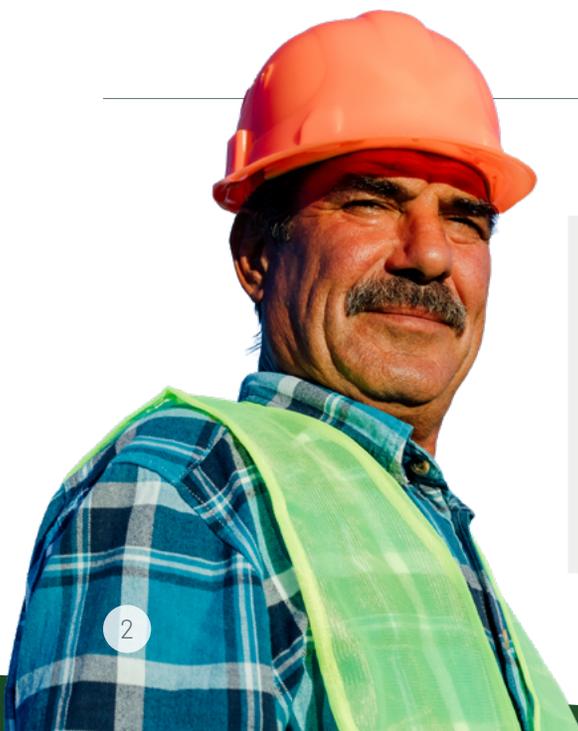
MIDDLE  
RIVER  
POWER

# About Middle River Power

Middle River Power has a proven track record of operating natural gas, power projects across the United States. For nearly a decade, we've taken a practical approach to the energy transition—bringing together traditional power sources with new renewable solutions to keep electricity reliable, affordable, and sustainable. Building on our foundation of natural gas generation, we've expanded into battery storage and solar projects, as well as hybrid solutions that combine these resources to meet evolving energy needs.



▶▶ Beyond powering homes and businesses, we are committed to being a strong community partner. Our team has a proven record of working responsibly, supporting local needs, and investing in long-term solutions that balance today's energy demands with tomorrow's climate goals.



**8,000 MW  
OPERATING OR IN  
DEVELOPMENT**



**54  
INDUSTRY  
LEADING EXPERTS**

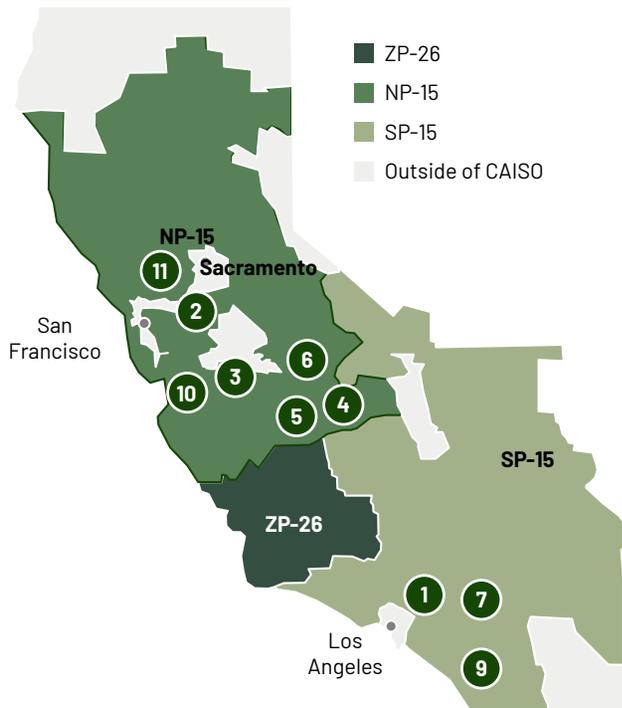


**9 YEARS  
SAFELY OPERATING  
PROJECTS**

# Delivering California's Power

## Proven Energy Leadership Across California

Middle River has a strong portfolio of energy projects across California, including natural gas, solar, and battery storage. With multiple facilities operating or under construction, the company brings decades of experience delivering safe and reliable projects that support the State's evolving energy needs.



**1 High Desert**  
Thermal Capacity: **913 MW**

**2 Tracy**  
Thermal Capacity: **336 MW**

**3 Midway**  
Thermal Capacity: **122 MW**

**4 Hanford**  
Thermal Capacity: **97 MW**

**5 Henrietta**  
Thermal Capacity: **96 MW**

**6 Malaga**  
Thermal Capacity: **96 MW**

**7 Colton**  
Thermal Capacity: **83 MW**

**8 Border**  
Thermal Capacity: **50 MW**

**9 Enterprise**  
Thermal Capacity: **50 MW**

**10 Panoche**  
Thermal Capacity: **50 MW**

**11 Vaca Dixon**  
Thermal Capacity: **50 MW**

1. Includes certain Tracy, Vaca Dixon and High Desert contracts in advanced negotiation, expected to be signed in near term.

# About the Vaca Dixon Energy Storage Project

The Vaca Dixon Energy Storage Project will be built in two phases. Phase one will consist of a **57-megawatt hour battery energy storage solution (BESS)** to support California's decarbonization goals and growing electricity demand. The project will use a collection of one-hour batteries housed in **21 low-profile enclosures**, a design that minimizes visual impact while ensuring safe and efficient operations. Phase 2 will include a **400-megawatt hour BESS with 50 enclosures** of the same low-profile design. The project is ideally sited among similar infrastructure and will feature a creative landscape design including native shrubs and trees, improving the area's overall beautification.

Located in **Vacaville, California**, adjacent to the Dwight D. Eisenhower Highway and directly across from the existing Vaca Dixon natural gas power facility, the project is strategically sited to enhance grid stability. By providing complementary electricity delivery to the gas plant, the project will help **lower energy costs, improve reliability, and strengthen California's transition to a more resilient clean energy future.**



**244 MILLION GALLONS OF WATER AVOIDED**



**ENOUGH ELECTRICITY TO POWER 40,000 HOMES**



**200-250 JOBS CREATED**

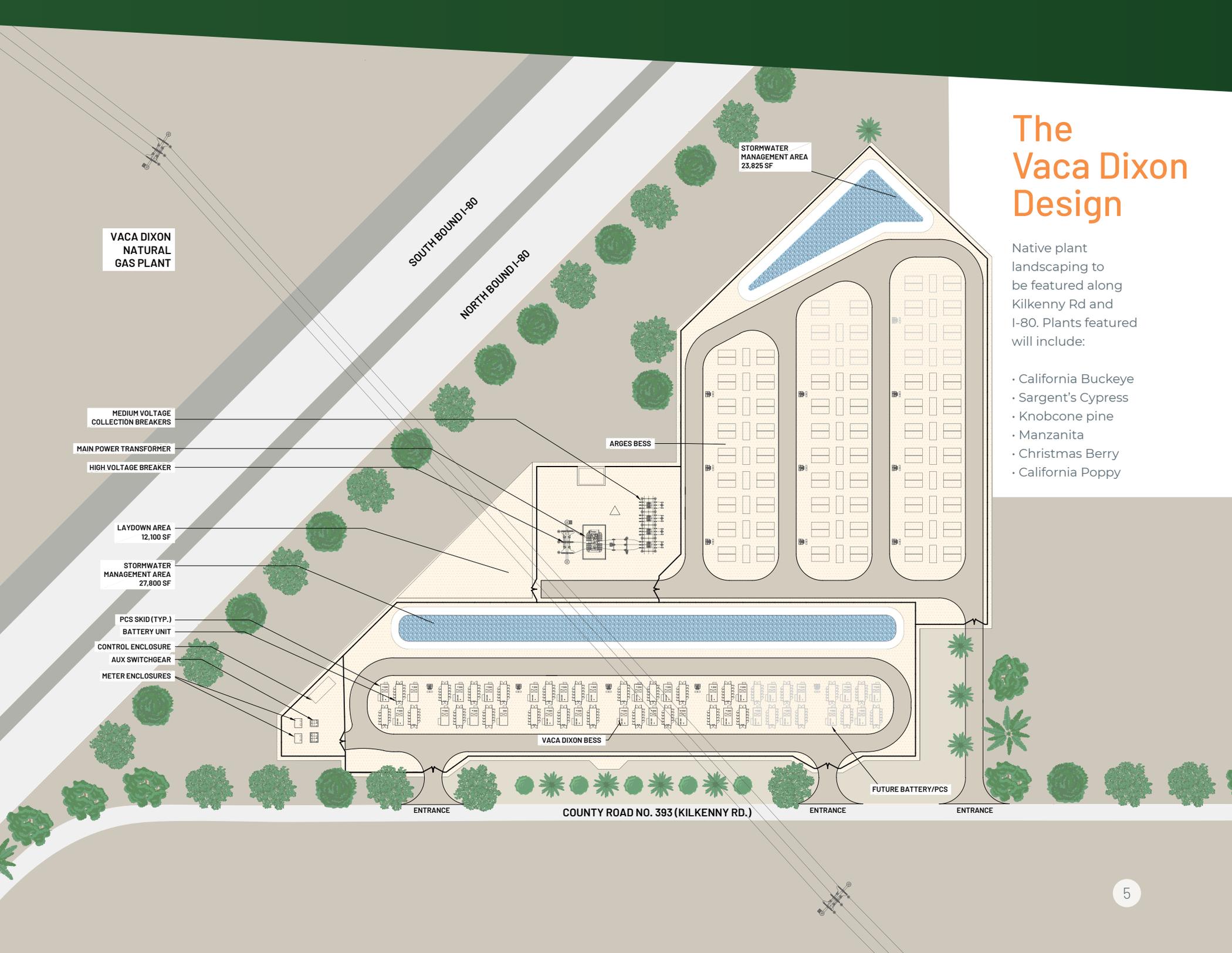


**20 YEARS OF SAFE OPERATIONAL HISTORY**

# The Vaca Dixon Design

Native plant landscaping to be featured along Kilkenny Rd and I-80. Plants featured will include:

- California Buckeye
- Sargent's Cypress
- Knobcone pine
- Manzanita
- Christmas Berry
- California Poppy





## Why here?

One of the most common questions we receive is: Why here? The answer is usually a combination of factors including:

**1. Electricity Demand.**

The location is near where more electricity is needed

**2. Interconnection.**

There is room on the transmission grid to accept and transport more electricity

**3. Responsibly Sited.**

The project site is well-suited for this infrastructure and any impacts can be mitigated

**4. State Policy.**

California energy policy has led to greater electricity use and important decarbonization goals

## What makes the Vaca Dixon site ideal?



Located where there is a growing need for more electricity



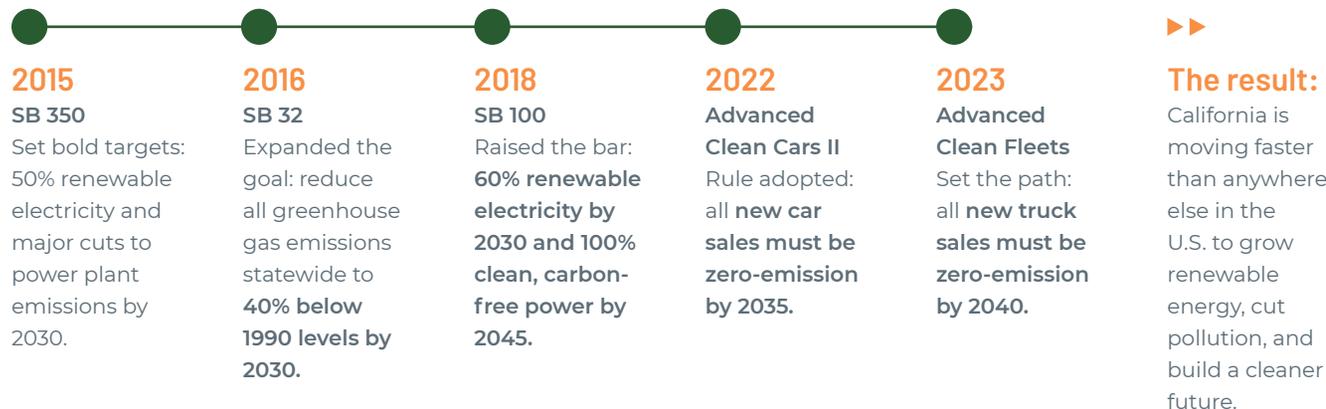
The new infrastructure (transmission and batteries) will be placed in an area near to similar types of infrastructure



The battery system will operate in coordination with the existing natural gas generation; delivering a reliable and cost effective way to meet the demand for electricity

## Meeting California's Leadership on Decarbonization

California and Middle River Power are moving fast to cut carbon and meet growing power needs. Our project helps deliver on that goal - adding clean energy while keeping the grid reliable, costs in check, and communities safe.

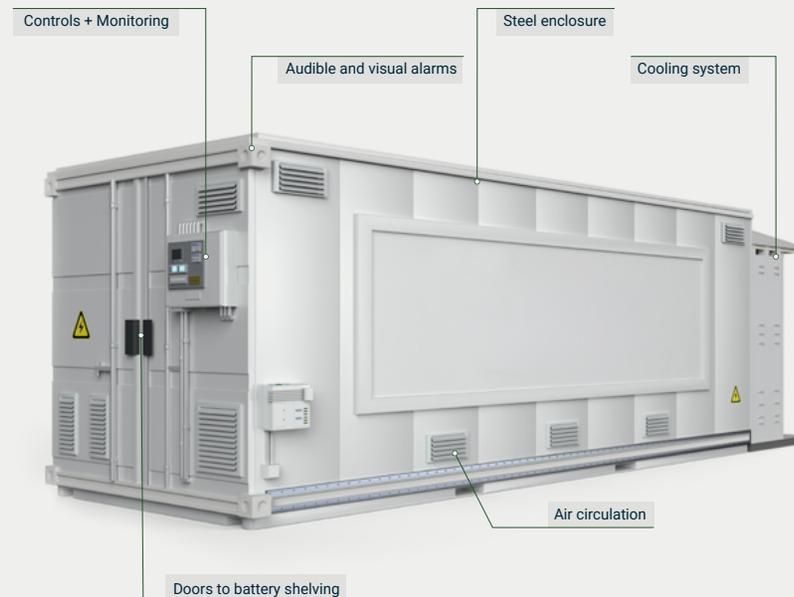


## Safe, Proven Battery Technology

Middle River plans to utilize battery systems from **Contemporary Amperex Technology Limited (CATL)** — the world's largest and most experienced battery manufacturer, trusted by leading energy and automotive companies alike. For the Vaca Dixon project, we expect to feature CATL's **Lithium Iron Phosphate (LFP) batteries**, known for their long-life cycle, thermal stability, and innovative design that helps maintain low operating temperatures.

While community concerns about battery energy storage are understandable, it's important to note that **not all technologies are the same**. Many of the high-profile incidents in recent years involved different chemistries, such as nickel manganese cobalt (NMC), or systems that concentrated large numbers of batteries into a single building. In contrast, our project uses a **distributed layout of multiple enclosures** combined with LFP's proven safety record, reducing risk and ensuring resilient performance.

Just as importantly, we are committed to **partnering with local first responders**, providing training and resources to ensure that this new infrastructure can be integrated into the community **safely and confidently**.



# Our Approach to Community Communications

## Early & Ongoing Engagement

We begin conversations with community stakeholders early in project development, ensuring that local voices help shape the process from the start.

## Building an Engaged Project Community

Through meetings, project bulletins, email updates, and the project website, we create an informed community of stakeholders who stay connected to project milestones and upcoming opportunities for input. We believe that staying in touch means regular engagement – you can expect monthly updates, a published meeting schedule, and regular updates to our project webpage.

## Collaborative Benefits Planning

We invite the community to weigh in on benefits plans so that project success is shared locally—supporting initiatives and programs that matter most to the region.

## Clear & Accessible Information

Project information meetings and local events provide a chance to meet our team face-to-face. Experts in power generation, transmission, environmental impact, and community engagement are available to answer questions and listen to feedback. Middle River Power is committed to ensuring that project information is accessible to every member of the community.

## Lasting Partnerships

By staying in touch and being transparent, we ensure our projects are proud additions to the community, built in partnership with local stakeholders.



# Building Local Benefits

Middle River Power is working with local stakeholders to build a Direct Benefits Plan that ensures project success is shared with the community.



*What initiatives matter most in your community?*



*Where can project resources make the greatest impact?*



*How can we ensure benefits last for future generations?*

## Building the Direct Benefits Plan



### LISTEN

Gather community input through meetings and conversations.



### IDENTIFY PRIORITIES

Highlight the initiatives and values most important to the region.



### CO-DESIGN PLAN

Work together to shape a Direct Benefits Plan that reflects local needs.



### DELIVER BENEFITS

Provide support for programs and initiatives that strengthen the community.



### REPORT BACK

Share progress and results to ensure accountability and transparency.

# Your Team



**DAN HARMON | Vice President - Project Development**

Dan has over 14 years of experience in the power industry, with a background that spans project development in Southeast Asia and the Middle East, as well as extensive work in U.S. markets including ERCOT and CAISO. He began his career in operations at Arizona Public Service and later managed 2,600 MW of third-party O&M contracts. Dan holds a Bachelor of Science in Mechanical Engineering from Gonzaga University and a Master of Business Administration in Management from Boise State University.



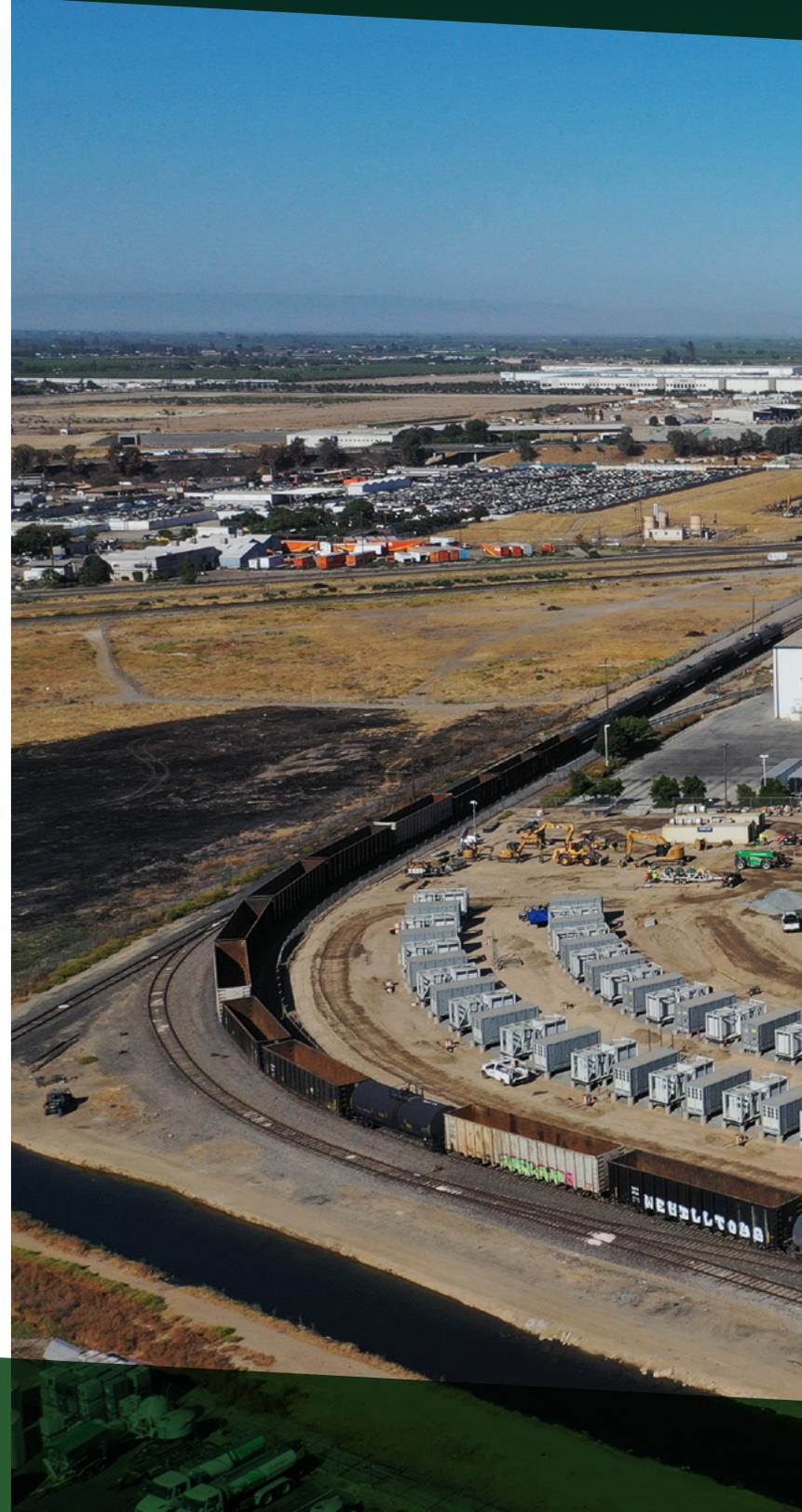
**JON BOYER | Director - Environmental, Health, and Safety**

Mr. Boyer has over 25 years of experience helping energy projects meet the highest environmental standards. He ensures that new projects are designed and built responsibly, with careful attention to protecting local communities, wildlife, and natural resources. At Middle River Power, he leads efforts to secure permits, oversee construction, and make sure every project operates safely and in compliance with environmental regulations.



**ROBERT RAY | Principal - Environmental Planner and Project Director**

Robert Ray supports Middle River Power with more than 40 years of experience managing energy projects from early planning through construction and operations. He specializes in environmental planning, permitting, and compliance for large-scale projects, including battery energy storage, solar, transmission, and water resources. Since 2020, he has focused on permitting and compliance for utility-scale battery projects in California with Middle River Power.





[middleriverpower.com/assets/vaca-dixon-hybrid-energy-center/](http://middleriverpower.com/assets/vaca-dixon-hybrid-energy-center/)

