



Item 8: PSGM3, LLC

January 21, 2025 Business Meeting

Lin Planchard, Utilities Engineer

Energy Research and Development Division, Energy Storage & Integration



Background: Mojave Micro Mill Project



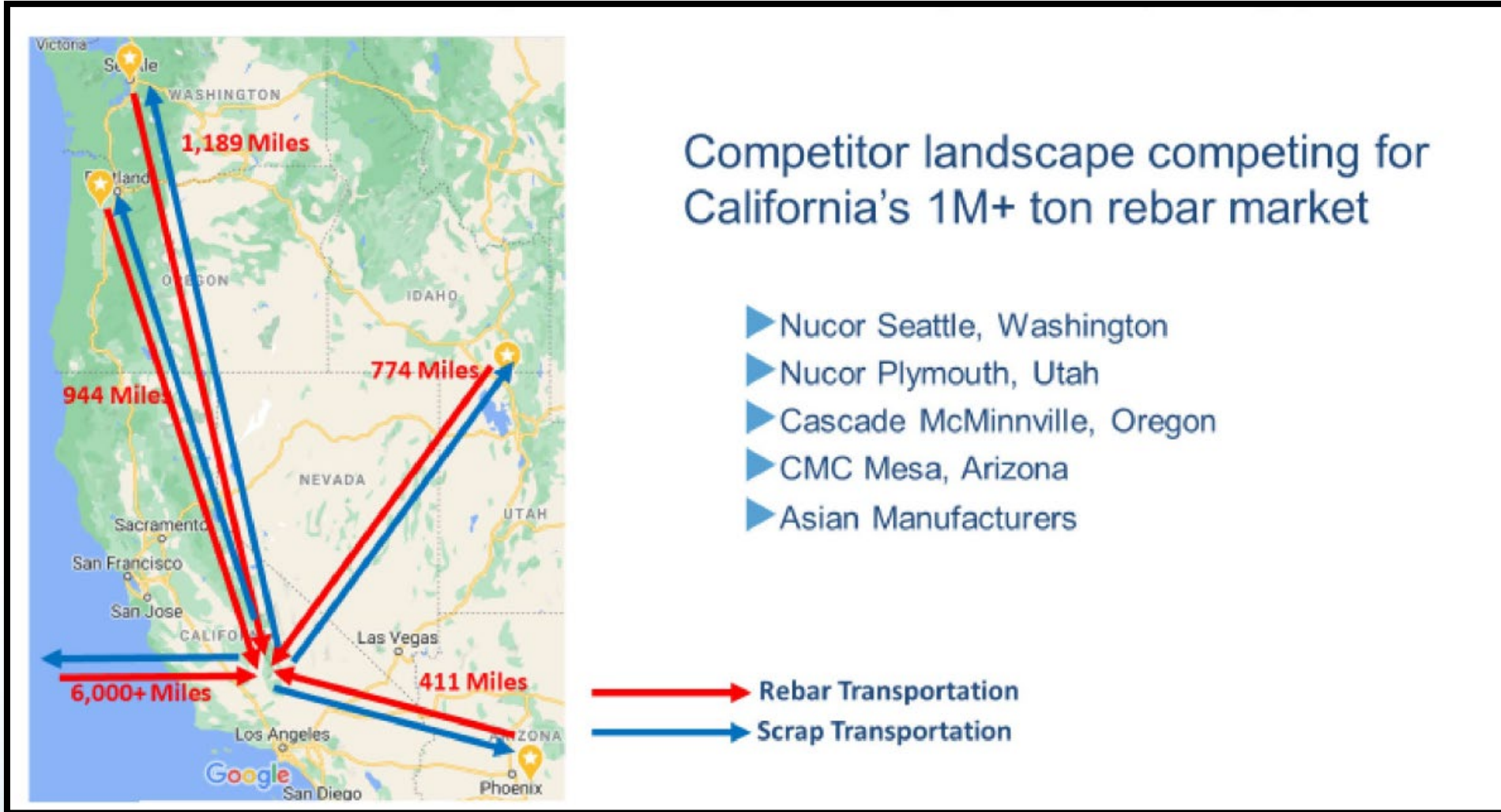
Zero Process Emission Rebar Mill

- First-of-a-kind, innovative clean energy steel mill
- 276 acres dedicated to solar PV
- 100% electric with carbon capture
- Mojave, CA
- Only operational steel mill in CA

Mojave Micro Mill Project rendering. Source: Pacific Steel Group



Background: Rebar Market



Source: Pacific Steel Group



Project Overview

- Long Duration Energy Storage (LDES) System
 - \$14,000,000 CEC funds
 - 4 MW / 32 MWh
- Support 50 MW of solar PV on-site
- Power for critical operations during outages
- Optimize load and demand management

Phase 1	Phase 2
1 MW / 8 MWh	4 MW / 32 MWh
Support commissioning and gather insights	Integrate with steel mill energy infrastructure
System online January 2027	System online April 2027



Environmental Review

Draft Environmental Impact Report

SCH# 2022100646

Volume 1
Chapters 1 through 11

MOJAVE MICRO MILL PROJECT
by PSGM3 Holdings Corp (Pacific Steel Group)
(PP22402)

General Plan Amendment No. 3, Map No. 213
Zone Classification Change No. 62, Map No. 213
Conditional Use Permit No. 71, Map No. 213
Conditional Use Permit No. 72, Map No. 213
Precise Development Plan No. 3, Map No. 213
Zone Variance No. 24, Map No. 213
Zone Variance No. 25, Map No. 213



Kern County
Planning and Natural Resources Department
Bakersfield, California

November 2023

On March 19, 2024, Kern County certified:

- Environmental Impact Report (EIR)
- Mitigation, Monitoring and Reporting Program
- Statement of Overriding Consideration

CEC prepared:

- EIR Addendum
- Statement of Overriding Considerations



Project Benefits



Mojave Micro Mill Project rendering. Source: Pacific Steel Group

Advance clean energy goals

- SB 100
- Relieve grid stress
- Support renewables

Unique application of LDES

- Energy-intensive processes
- High and rapid energy demand

Industrial sector electrification



Staff Recommendation

- Adopt the CEQA findings and Statement of Overriding Considerations
- Approve agreement with PSGM3, LLC