

Transmission Update

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Senior Engineer

October 8, 2026

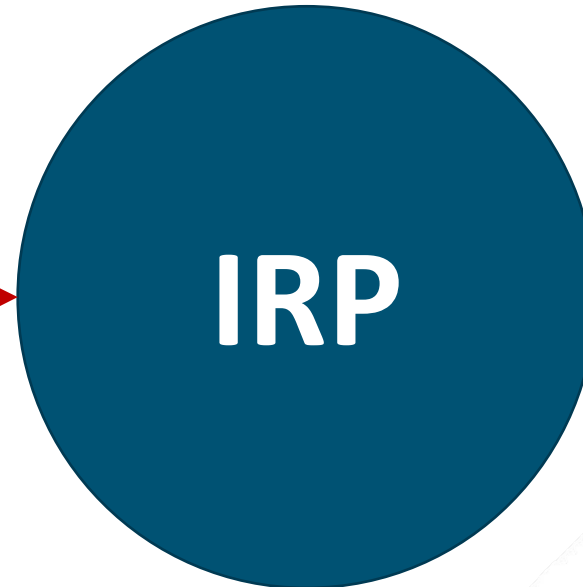
Agenda

- Introduction/Background
- Boardman to Hemingway (B2H)
- Southwest Intertie Project North (SWIP-N)
- Gateway West Segment E-8

IRP Relevance



- Energy Market Access
- Resource Integration
- Electrical Losses
- Reliability
- Transmission Costs and Wheeling Revenue Offsets



Transmission Overview Background Presentation Reminder

- Visit idahopower.com/irp and click Educational Resources
- Or [click here](#)
- Or scan the
QR code



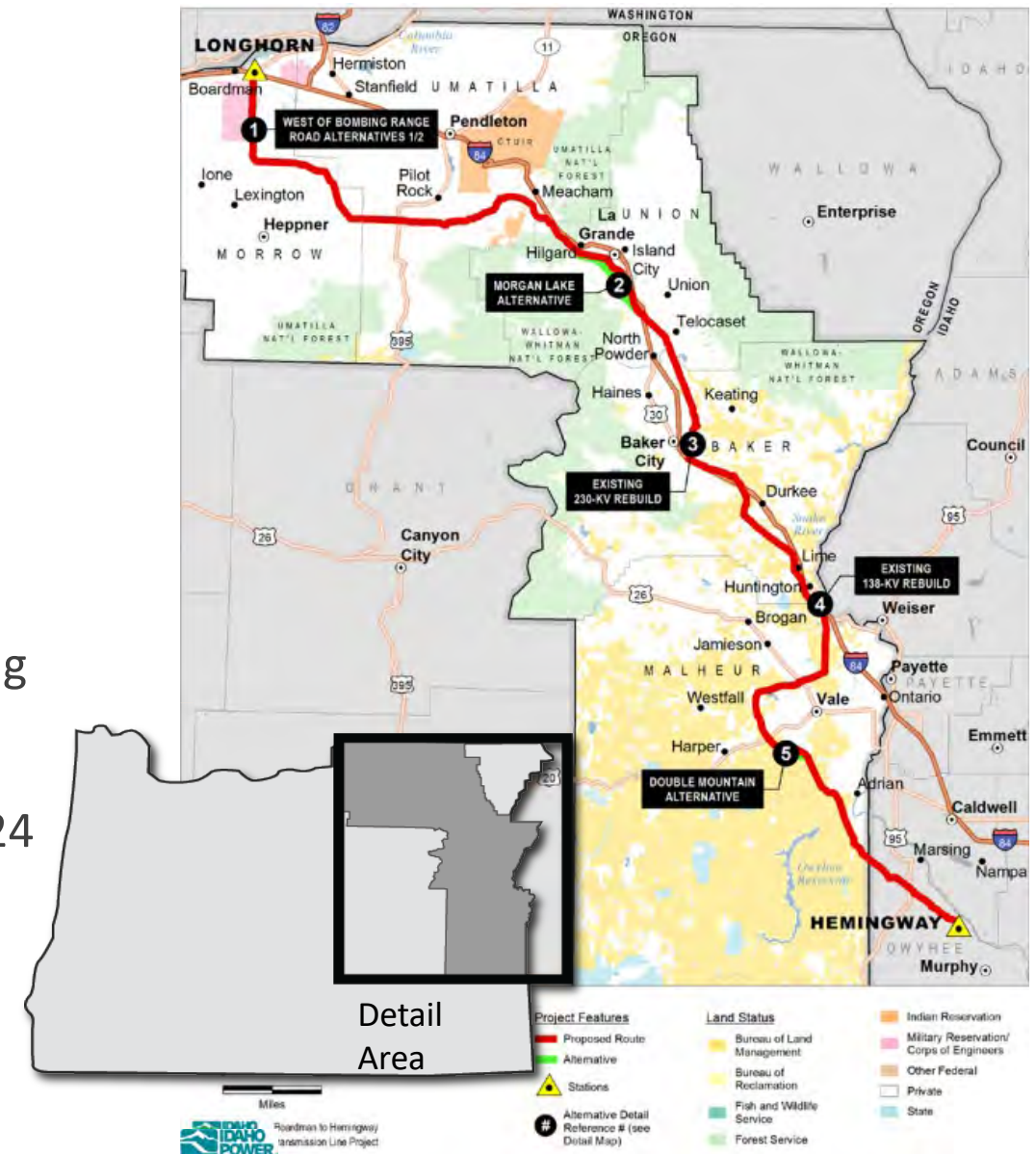
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Boardman to Hemingway

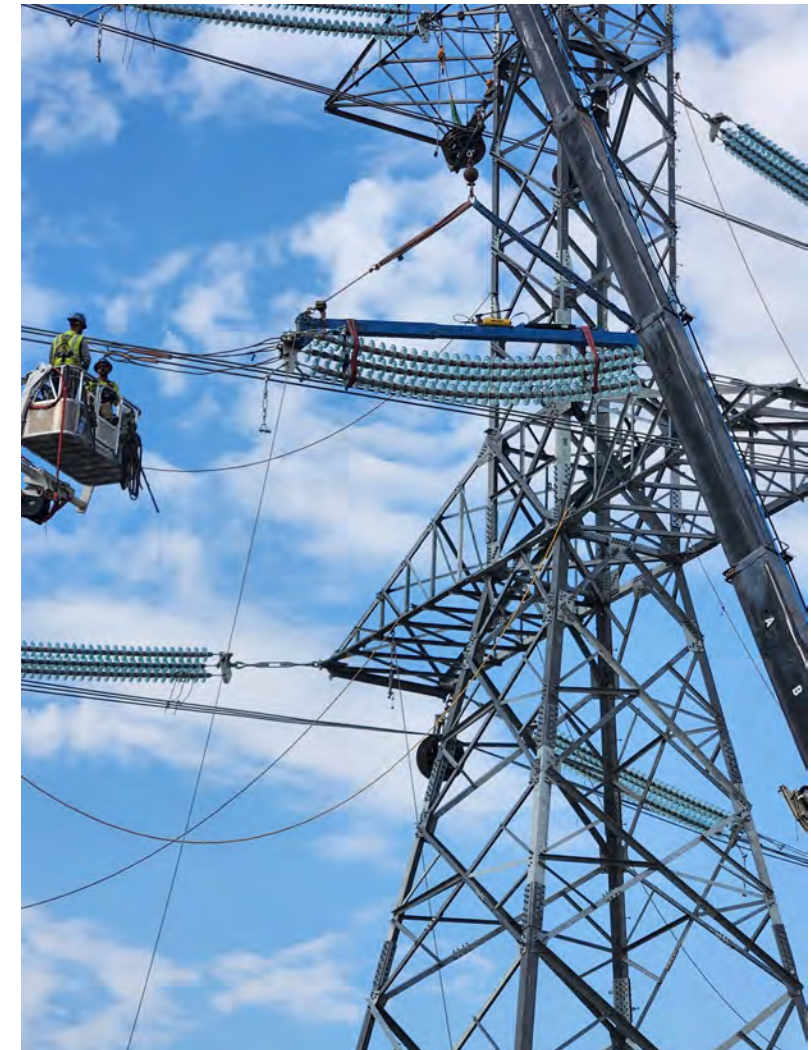
(B2H) Project

- 296-mile, 500-kilovolt (kV) transmission line
- ~1,000 megawatts (MW) of bidirectional capacity increase between Northwest and Idaho
- Bureau of Land Management (BLM) Record of Decision in 2017
- Oregon Energy Facility Siting Council (EFSC) approved final site certificate fall 2022
 - Decision was upheld by Oregon Supreme Court spring 2023
 - First Amended Site Certificate issued fall 2023
 - Second Amended Site Certificate issued summer 2024
- Construction began in summer 2025
- Expected in-service late 2027



B2H Construction

Construction Began in Summer 2025



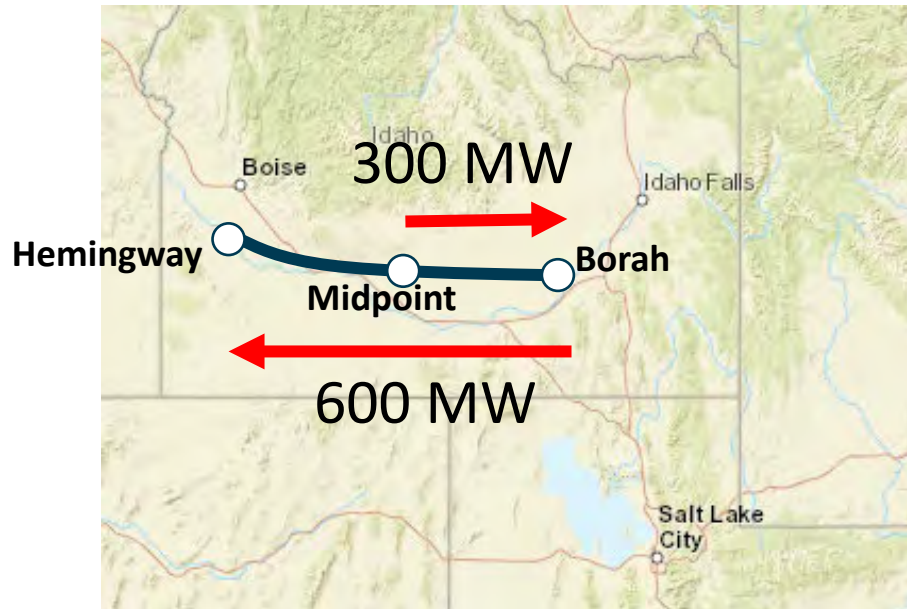
B2H Ownership

	W→E Capacity		E→W Capacity
	(45%)	750 MW	182 MW
	(55%)	300 MW	818 MW

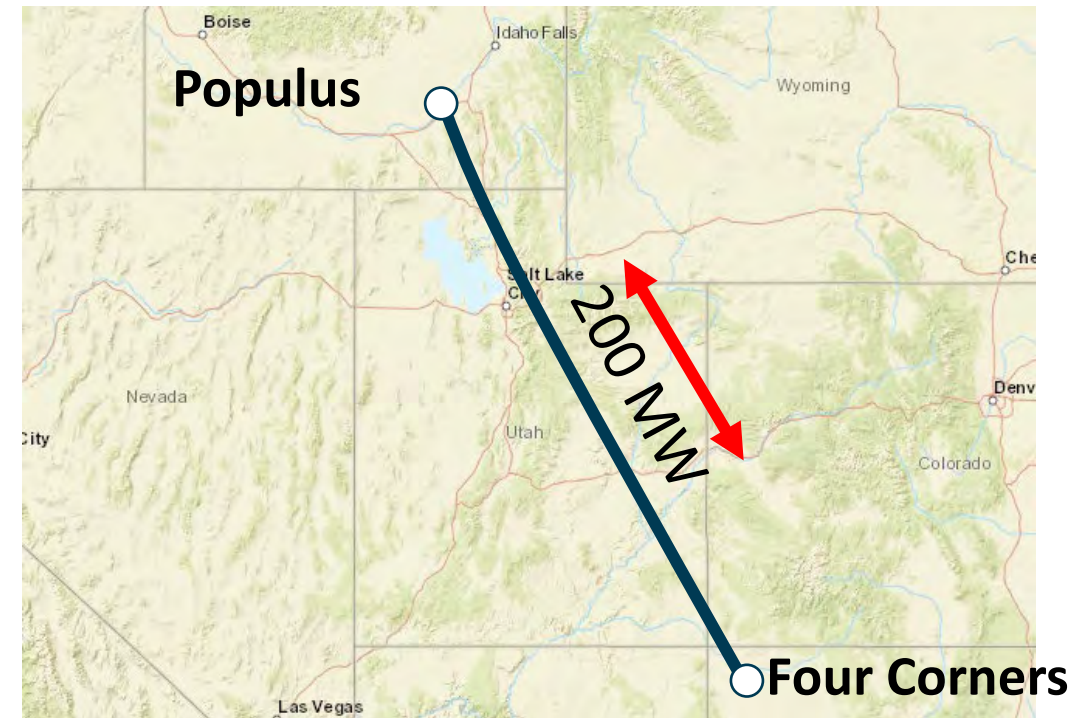
Idaho Power — PacifiCorp

Transaction Joint Purchase and Sale Agreement

Idaho Power to PacifiCorp (Assets)



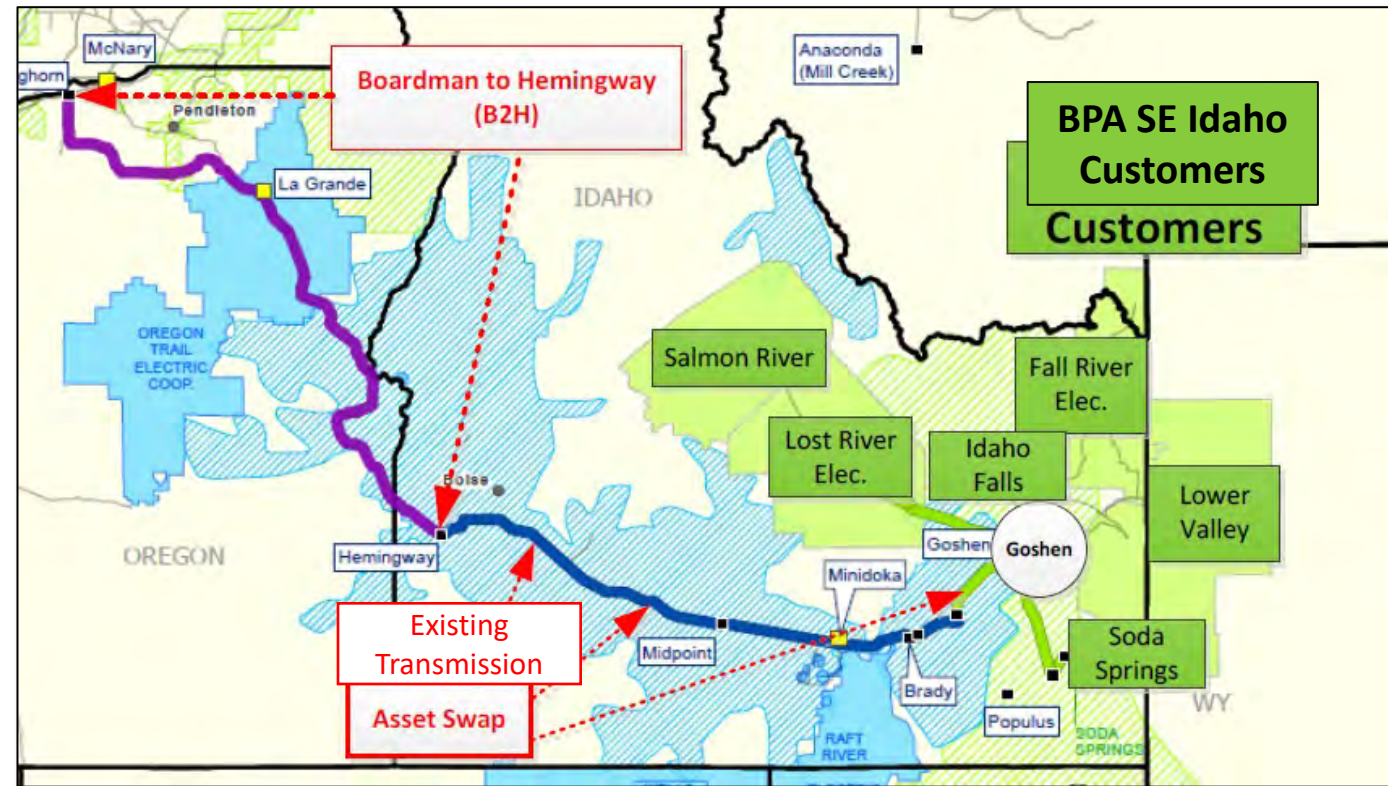
PacifiCorp to Idaho Power (Assets)



BPA SE Idaho Load Customers

New Idaho Power Transmission Network Customers with B2H

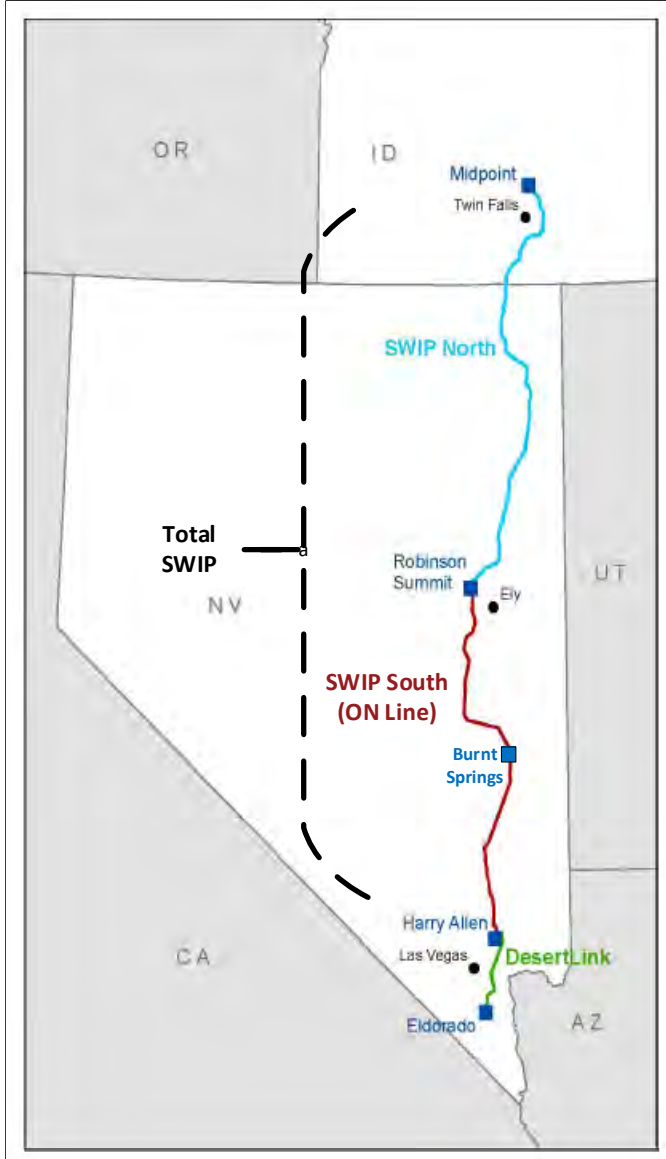
- City of Idaho Falls
- Lower Valley Energy
- Fall River Rural Electric Cooperative
- City of Soda Springs
- Salmon River Rural Electric Cooperative
- Lost River Electric Cooperative



Agenda

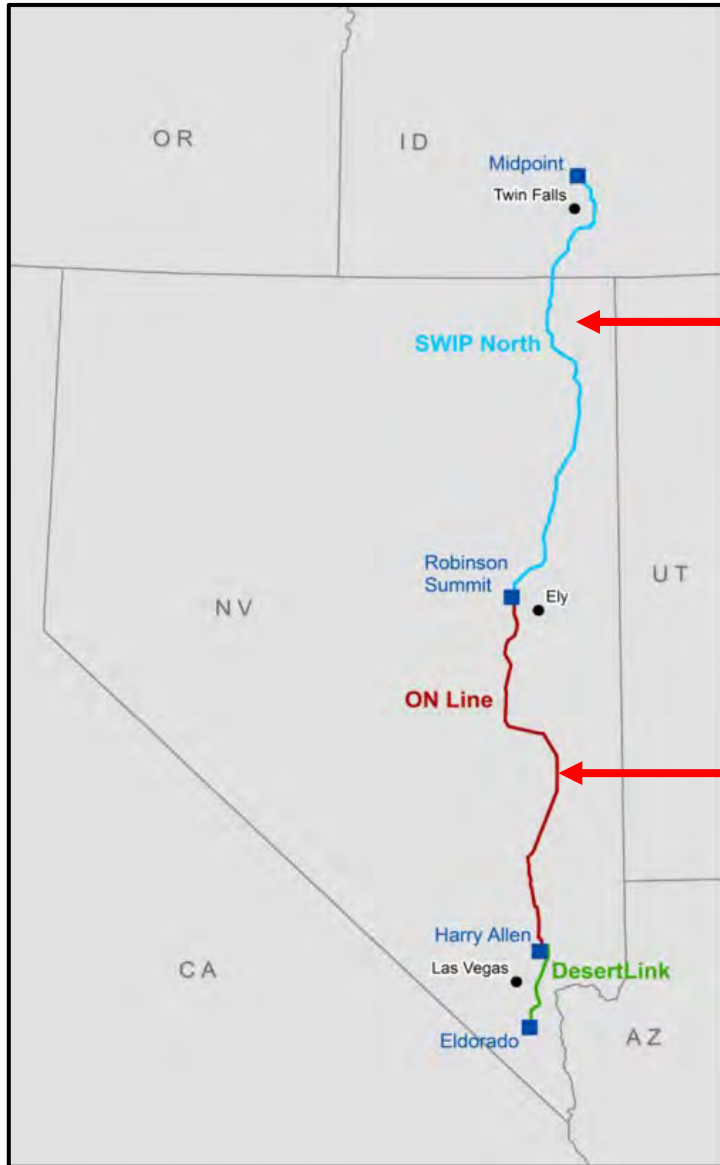
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Southwest Intertie Project North



- Developer: Great Basin Transmission, LLC
- Midpoint to Robinson Summit (285 miles)
- ~2000 MW bidirectional capacity
 - Idaho Power: 500 MW south-to-north
- Addition will also unlock capacity on the existing One Nevada Line to Harry Allen (Las Vegas area).
- Idaho Power participation will provide transmission access (across congestion on NV Energy's system) to a southern market hub.
- Construction began in Summer 2026
- In-service date: 2028 (modeled in 2029 for IRP)

SWIP Existing Structure



SWIP North

In-Service: 2028

Developer: GBT

SWIP South

One Nevada (ON) Line

In-Service: 2014

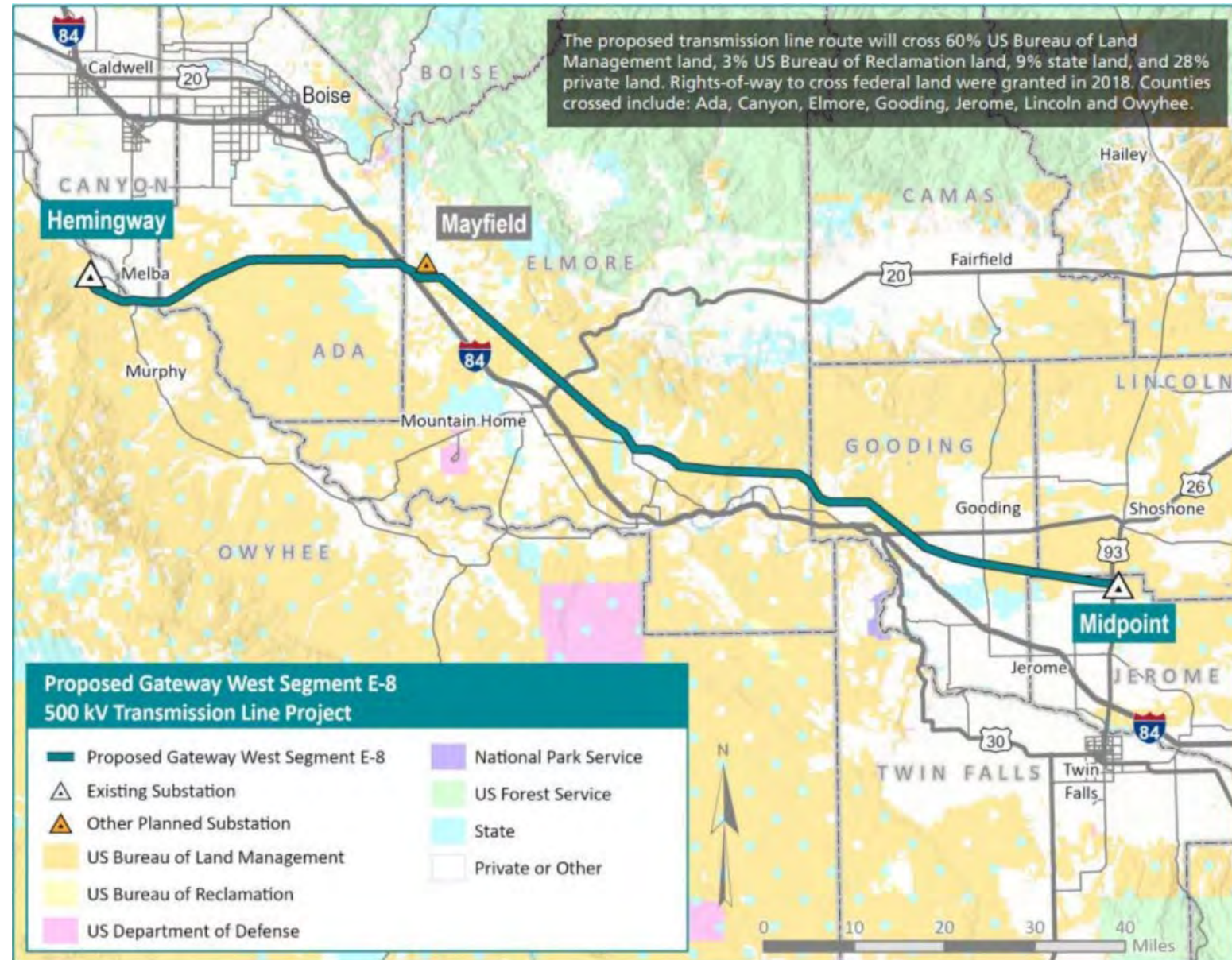
Full SWIP

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Gateway West Segment E-8 Update

- First phase: Hemingway – Mayfield 500kV in-service 2028
- Second phase: Mayfield – Midpoint 500kV in-service 2030
- Selected in both the 2022-23 and 2024-25 NorthernGrid Regional Transmission Plans
- Construction expected to begin in 2027
- Currently in the process of requesting proposals for the construction contractor



Gateway West Segment E-8 Benefits



Reliability and Resilience

- Supports reliable service
- Adds resilience during maintenance and unexpected outages
- Efficient, flexible, cost-effective alternative to multiple lower voltage lines



Transmission Capacity

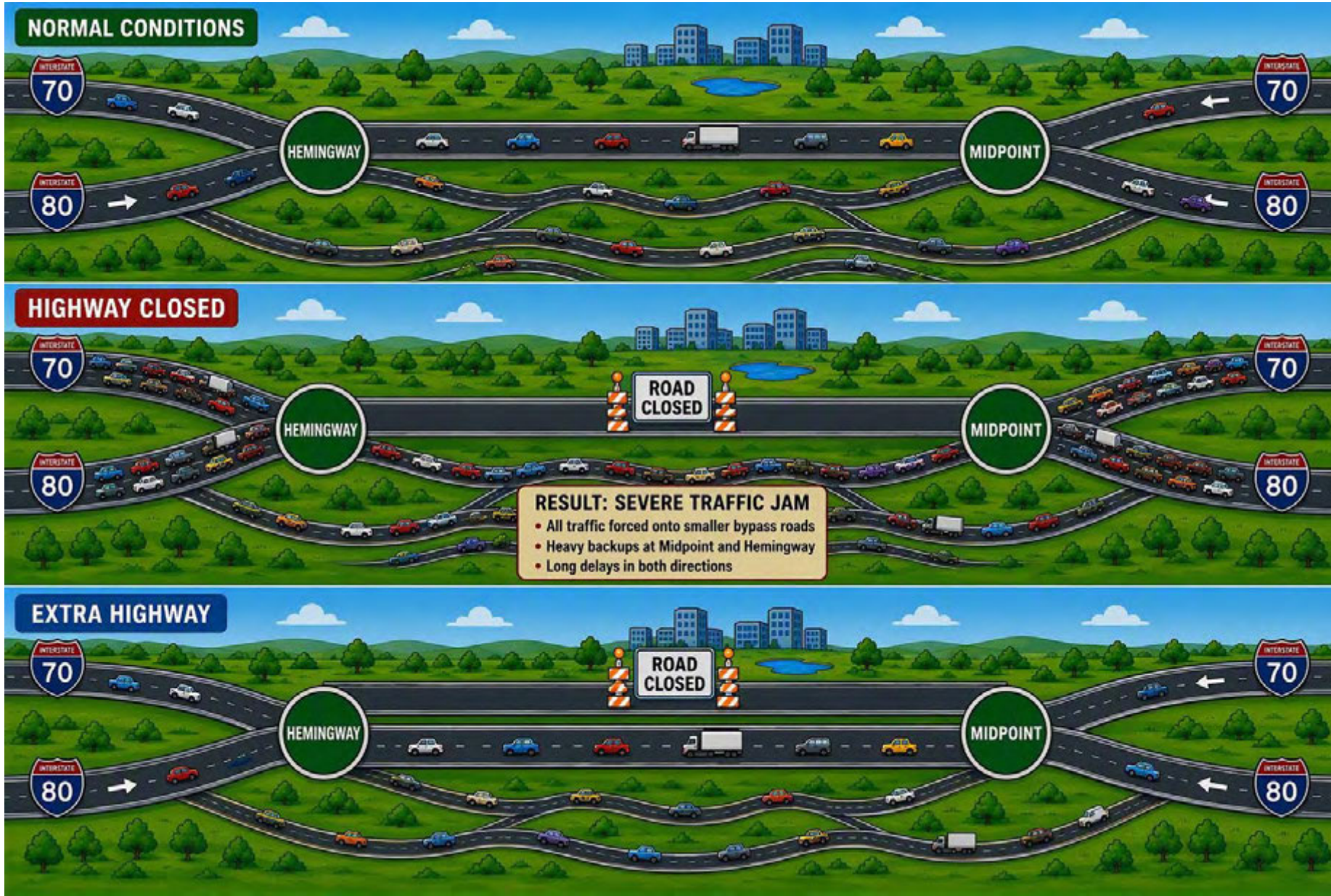
- Adds 2000 MW transmission capacity
- Improves two-way energy transfers across southern Idaho
- Unlocks regional energy imports (including SWIP-N and Four Corners)



Resource Integration

- Connects new generation resources to customers
- Reduces risk of generation curtailments
- Provides access to a more diverse mix of generation resources

Loss of Hemingway – Midpoint 500kV



Thank you!