Putting a plan together...

Electric Vehicle Infrastructure Deployment Plan
# IIJA Funding for EV and Charging Infrastructure

**$30.7 BILLION+**

## GENERAL FUNDING BY CATEGORY

- Deployment of EVs and related infrastructure | $7.5 BILLION
- Deployment of clean vehicles and fueling infrastructure | $12.7 BILLION
- Grid and battery-related investments | $10.3 BILLION

## MAJOR PROGRAM FUNDING

- National Electric Vehicle Infrastructure Formula Program | $5 BILLION
- National Electric Vehicle Infrastructure Grant Program | $2.5 BILLION
- Clean School Bus Program | $5 BILLION
- Low- and No-Emission Transit Bus Program | $5.6 BILLION
- Electric or Low-Emitting Ferry Pilot Program | $250 MILLION

## OTHER RELATED PROGRAMS

- Surface Transportation Block Grant Program: includes EV charging and vehicle-to-grid infrastructure | $72 BILLION
- Congestion Mitigation and Air Quality Improvement Program: can be spent on medium- or heavy-duty zero emission vehicles and infrastructure | $13.2 BILLION
- Reducing Truck Emissions at Ports: Evaluates emissions benefits due to truck electrification and emerging technologies | $250 MILLION

Nearly $5 billion will be made available to states under the NEVI program.

Purpose of the program is to deploy EV charging stations along the States alternative fuel corridors.

Arizona’s share is $76.5 million over the next five years.

To access funds, we are required to submit a deployment plan by Aug. 1, 2022.
Station requirements

- One station every 50 miles within one mile of the freeway (exceptions can be granted)

- Each station is required to have a minimum of 4 - 150 Kilowatt direct current fast chargers with combined charging system (CCS) ports

- The minimum charging capacity for the whole station is 600 Kilowatts and the station must be able to charge four electric vehicles simultaneously
State of Arizona Electric Vehicle Corridors & Fuel Sites

<table>
<thead>
<tr>
<th>Station Name</th>
<th>City</th>
<th>Distance from Corridor (mi.)</th>
<th>Access</th>
</tr>
</thead>
<tbody>
<tr>
<td>Target T2083</td>
<td>Yuma</td>
<td>0.168</td>
<td>I-8 Exit 2 - Signage Pending</td>
</tr>
<tr>
<td>Wellton Crude Parcel</td>
<td>Dateland</td>
<td>0.100</td>
<td>I-8 Exit 67 - Signage Pending</td>
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<tr>
<td>Love's Travel 286</td>
<td>Quartzsite</td>
<td>0.137</td>
<td>I-10 Exit 17 - Signage Pending</td>
</tr>
<tr>
<td>Walmart 3407</td>
<td>Buckeye</td>
<td>0.516</td>
<td>I-10 Exit 117 - Signage Ready</td>
</tr>
<tr>
<td>AZ Mills Mall</td>
<td>Tempe</td>
<td>0.078</td>
<td>I-10 Exit 156 - Signage Ready</td>
</tr>
<tr>
<td>Phoenix Premium Outlets</td>
<td>Chandler</td>
<td>0.105</td>
<td>I-10 Exit 162 - Signage Ready</td>
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<tr>
<td>Tucson Premium Outlets</td>
<td>Tucson</td>
<td>0.187</td>
<td>I-10 Exit 245 - Signage Ready</td>
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<td>Benson</td>
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<td>Kingman</td>
<td>0.484</td>
<td>I-40 Exit 52 - Signage Pending</td>
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<td>La Quinta Grand Canyon</td>
<td>Williams</td>
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<td>I-40 Exit 163 - Signage Pending</td>
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<tr>
<td>Walmart 4252</td>
<td>Flagstaff</td>
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<tr>
<td>Walmart 1328</td>
<td>Winslow</td>
<td>0.177</td>
<td>I-40 Exit 253 - Signage Ready</td>
</tr>
</tbody>
</table>
Joint Office of Energy and Transportation

https://www.DriveElectric.gov
ADOT Team

Thor Anderson - PM
Dianne Kresich - Deputy PM
Floyd Roehrich - Executive Officer
Clem Ligocki - Planning and Programming
Daina Mann - Communications and Outreach
Jason Stephens - Communications and Outreach
Nancy Gudino - Communications and Outreach
Dezbah Hatathli - Government Relations
Jesse Zaragoza - Civil Rights
Don Sneed - Tribal planner
Paula Brown - Tribal planner
Lisa Danka - MAG Regional Planner
Myrna Bondoc - planner
Will Randolph - planner
Chris Hawley - ITG
Maysa Hanna - Traffic
Steve Olmsted - Environmental Planning Group
Kami Sheppard - Technical Editor
Heidi Yaqub - Freight Planner
Baloka Belezamo - Demographics
Sally Palmer - Contracts
Leadership Involvement

John Halikowski - Director
Floyd Roehrich - Executive Officer
Greg Byres - State Engineer/Deputy Director
Katy Proctor - Government Relations
Jon Brodsky - Communications
Report Components

Introduction
State Agency Coordination
Public Engagement
Plan Vision and Goals
Contracting
Existing and Future Conditions
EV Charging Infrastructure Deployment
Implementation
Civil Rights
Equity Consideration
Labor and Workforce Considerations
Cybersecurity
Program Evaluation
Discretionary Exceptions
Strategy

• Finish minimum Plan requirements for submission on August 1, 2022
• Complete the final Plan after August 1.
Input

- Initial **State agency coordination meeting** early June (follow up meetings as needed)
- **Public and stakeholder surveys** sent out in mid June
- Initial virtual **stakeholder meeting** by the end of June
- Initial **virtual statewide public involvement meeting** meeting mid July. Follow up with 7 in-person public meetings
- Specific meetings to obtain information on key topics, such as utility input, as needed.
Stakeholders

- 305 stakeholders on our initial list so far - we are reaching out to solicit involvement now
- New stakeholders are added as requested
- State agencies and commissions, utilities, MPOs, COGs, cities, towns, tribal governments, industry, vendors, advocacy groups, community and business organizations, etc.
One-on-one stakeholder meetings and presentations

- SRP
- City of Phoenix
- Inter Tribal Council of Arizona
- Tesla
- EVGo
- Electrify America
- Chargepoint
- Southwest Energy Efficiency Project
- Greater Phoenix Economic Council
- Charge Zero
- AMPLY Power
- Terra Watt
- Irrigation and Electrical Districts Association of Arizona
Plan Amendments

• The Initial Plan submission is just a first step
• The plan will evolve with public and stakeholder input and the addition of new alternative fuel corridors
• The Plan must be updated annually
Questions?