FDACS Office of Energy &
Central Florida Clean Cities Coalition

Florida EV Roadmap, 2020
EV Roadmap Presentation

1. Project Background
2. Project Objectives
3. Collaborate and Contribute
4. Considerations
5. Q & A
Roadmap Background

1. FDACS Office of Energy
2. Clean Cities
3. Alt Fuel Corridor Nomination
Roadmap Objectives

1. Gather Information & Catalogue
2. Develop EV Infrastructure Models
3. Focus on Evacuation Routes
4. Infrastructure Growth Recommendations
5. Infrastructure Deployment 2020-2023
6. Infrastructure Forecast 2024-2026
7. Final Report due 12/31/2020
Roadmap - Collaborate & Contribute

1. Diverse Set of Collaborators
2. Clean Cities, State Agencies, Infrastructure Developers, Power Providers, Universities, Stakeholders, Others
3. Data to be organized by FDOT District
4. Collaboration Webinars, May and June
5. Ongoing Individual Collaboration, April-September
Considerations

1. Increase in battery efficiency, resulting in 400+ mile range
2. Increase in EVSE output of 600kW+
3. Requirements for thermal management of higher EVESE outputs
4. Increased grid demands at EVSE locations
5. Broad introduction of EV passenger shuttles, taxis, and Transportation Network Companies (TNCs)
6. Initial deployment of autonomous vehicles
7. Inductive charging
8. Networking and internetworking of EVSE
9. Siting and upgrade capabilities
10. Uptime, Resiliency, Backup Power
11. Obsolescence and upgrade of EVSE
12. Social equity and underserved communities
13. Outreach, education, and training
14. Energy consumption
15. Environmental
16. Site Safety
17. Zoning, building codes, and permitting
18. Signage
Stakeholder Interest Group Webinar Schedule*

- **5/12** Power Interests – IOU, Coop, Muni, Supporting Associations
- **5/19** Infrastructure Providers – Manufacturers, Installation, Network, Software
- **5/21** Advocacy – Alternative Fuels, Environmental, Advocacy Organizations
- **6/16** Planning – MPO, TPO, Cities, Counties, State, Regional, National

*Group invitations and agendas will be provided*
Questions?
Project Management

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