

Connecticut Department of Energy and Environmental Protection











EVConnecticut: Why Workplaces Should Install EV Charging Infrastructure



Summary

Don't Miss the Boat: Public EV Charging is growing!

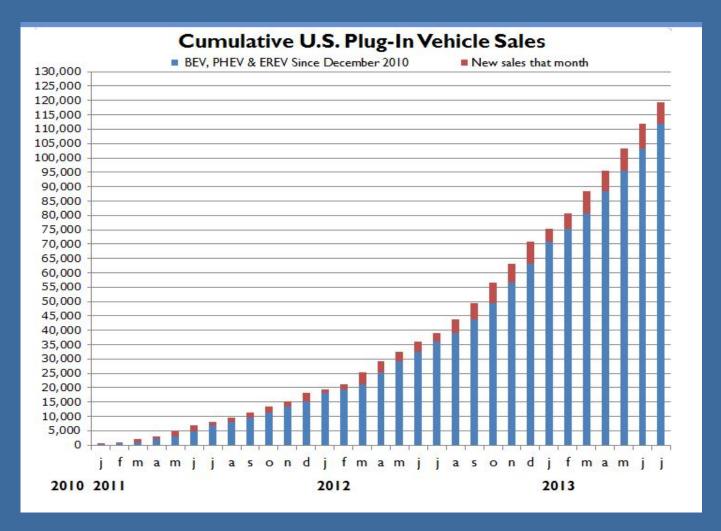
Federal and state incentives available

EV purchases growing

EV and EV charging choices increasing



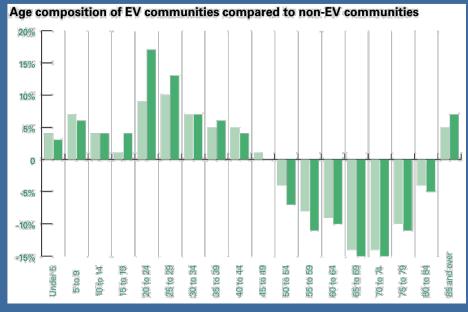
EV Purchases





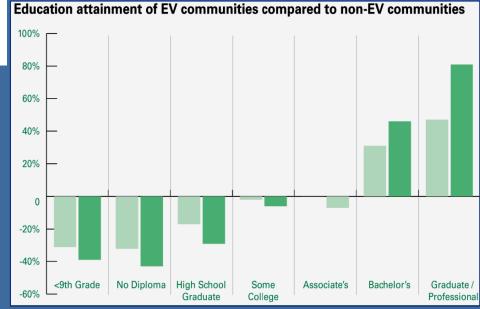
Source: Electric Drive Transportation Association

EV Purchasers





Socio-economic trends for EV communities (source: 2010 Census and American Community Survey)





Connecticut Department of Energy and Environmental Protection

EV Purchasers

- Consumers tend to display the following traits:
 - Younger
 - Tech-savvy
 - Eco-aware
 - Above average wealth
 - Highly educated
 - Value personal image
 - Live in stable households





Branding with EV Charging Stations

Relatively low-cost installation

Small operating & maintenance costs

Valuable investment in YOUR environmental brand



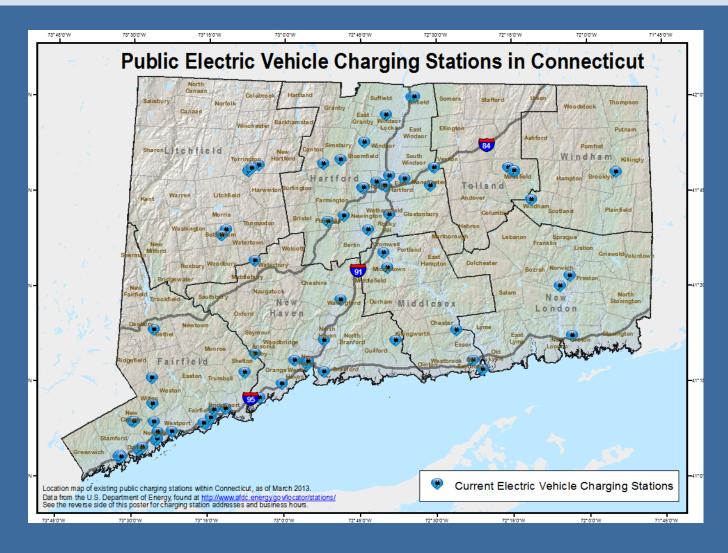
Reap the Benefits





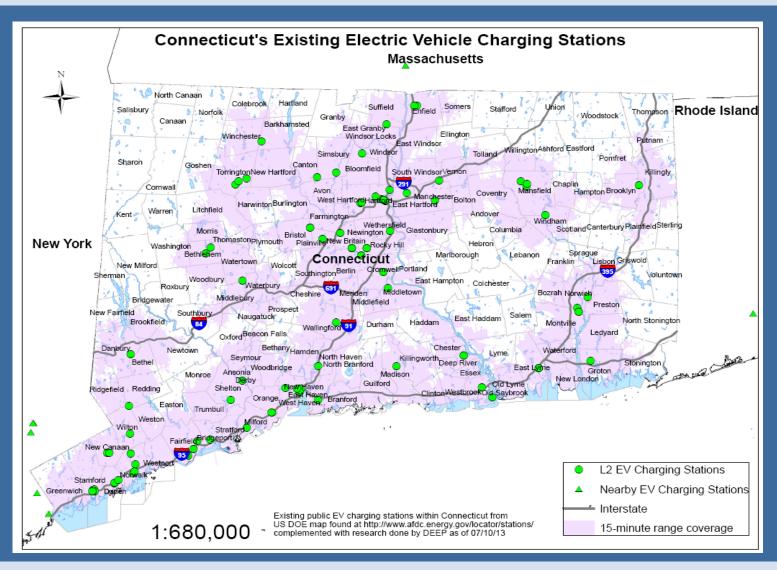
Photo obtained from NU Presentation - EV Charging Infrastructure: Beyond Niche to Mainstream

Today's Network



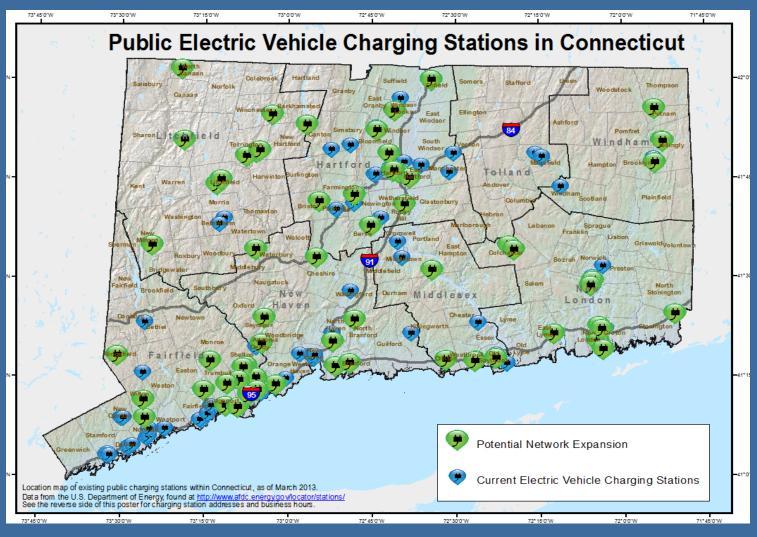


Range Coverage – 15 Minutes





Tomorrow's Network - With You





Questions?



Selected Resources

- California Center for Sustainable Energy, (2013, May), 'California Plug-In Electric Vehicle Driver Survey Results," http://energycenter.org/index.php/incentive-programs/clean-vehicle-rebate-project/vehicle-vehicle-owner-survey/3464-may-2013-survey
- California Plug-In Electric Vehicle Collaborative, (2012, May), "Workplace Charging: Why and How?" http://www.pevcollaborative.org/sites/all/themes/pev/files/Comm_guide7_122308.pdf
- Drive Electric Northern Colorado, (2013), "Fleet Advantages," http://driveelectricnoco.org/fleet-advantages/
- EVConnect, "Providing Electric Vehicle Charge Stations at Work," http://www.evconnect.com/wp-content/uploads/2-13/03/Providing-Electric-Vehicle-Charging-at-Work-Makes-Economic-Sense.pdf
- Go Electric Drive, (2013), "Public/Commercial Charging," http://goelectricdrive.co/index.php/public-commercial-charging
- May, J. & Mattila, M. (2009, July), "Plugging In: A Stakeholder Investment Guide for Public Electric Vehicle Charging Infrastructure," http://www.electricdrive.org/index.php?ht=a/GetDocumentAction/id/27922
- Nigro, N., (2011, July), "Plug-In Electric Vehicles Market: State of Play," http://www.c2es.org/docUploads/PEV-State-of-Play.pdf
- Ralston, M. & Nigro, N., (2011, July), "Plug-In Electric Vehicles: Literature Review,"
 http://www.c2es.org/docUploads/PEV-Literature-Review.pdf
- WXY Architecture + Urban Design & Energetics Incorporated, (2012, November), "Assessment of Current
 EVSE and EV Deployment Electric Vehicle Support Study,"
 http://www.transportationandclimate.org/sites/default/files/Assessment_of_EVSE_and_EV_Deployment.pdf

