



An Exelon Company

Clean Transportation Networks Proposal

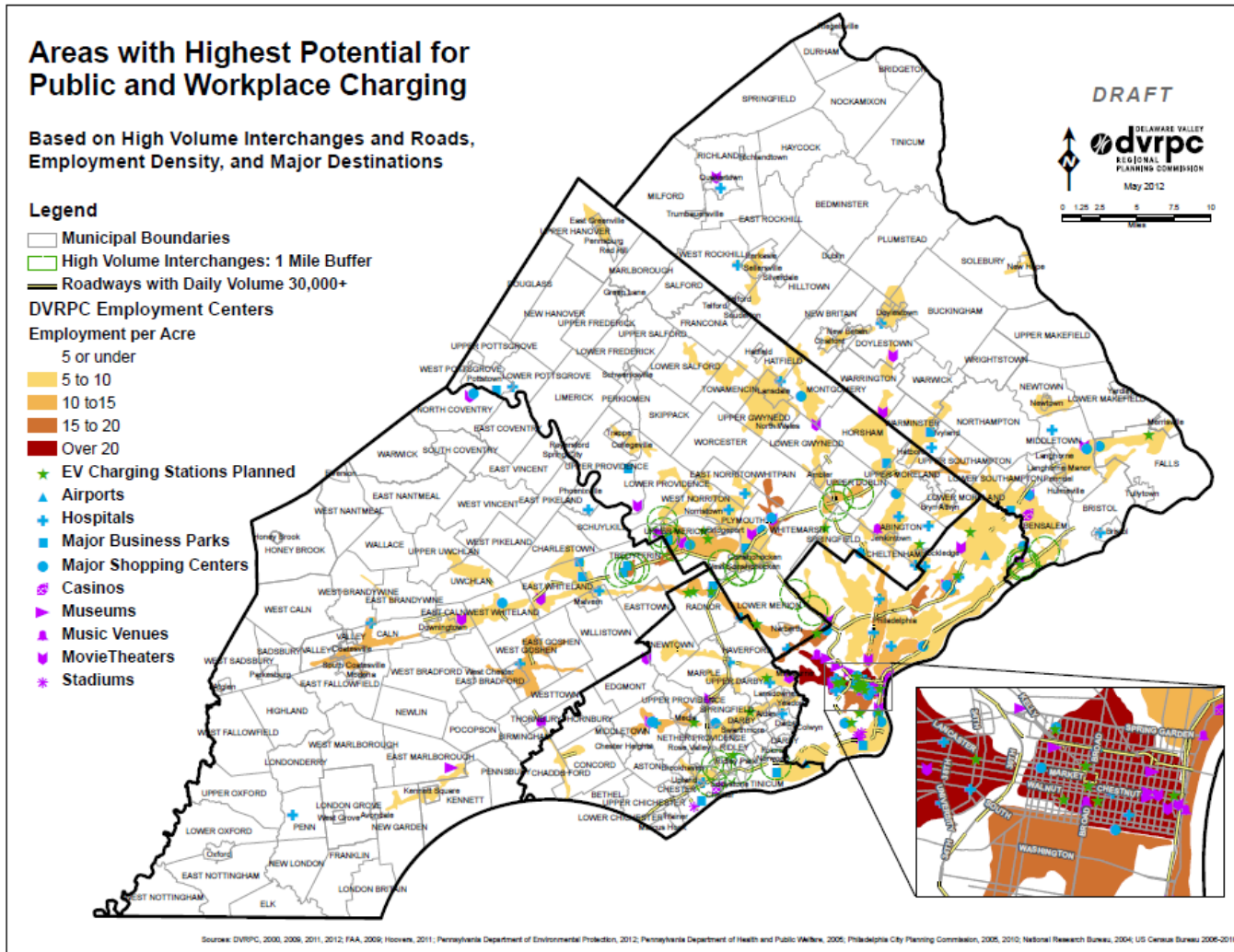
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PECO**

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Overview

- ✓ PECO believes that transportation electrification offers Pennsylvania a unique opportunity to achieve a cleaner environment, customer benefits and economic development opportunities
- ✓ The company has supported a range of initiatives to support EV education and deployment in its service territory and understand the challenges and opportunities of expanding transportation electrification
- ✓ We believe that utilities have an important role to play in supporting the development of well-planned regional charging networks that meet the needs of the areas we serve, including not only passenger vehicles, but also transit, airports, ports and off-road applications
- ✓ Our experience with sponsoring the DVRPC's SE PA regional EV forecast in 2011-2012 demonstrated to us the value of integrating transportation and utility infrastructure expertise in understanding future charging needs

2012 DVRPC Study



Clean Transportation Networks -- Guiding Principles

- ✓ Set state goal with regional plans
- ✓ Perform market assessment and transportation analysis at the regional level by independent transportation experts
- ✓ Convene stakeholders to develop customized solutions for challenges such as urban access, transit, port/airport and off-road integration
- ✓ Utilize utility knowledge of the distribution network to cost-effectively locate charging infrastructure and target incentive offerings
- ✓ Provide maximum flexibility to regulators to determine the appropriate role for utility capital investments and incentives to support backbone infrastructure
- ✓ Encourage EV rates that promote efficient use of the grid
- ✓ Develop recommendations for infrastructure development that are aligned with NGV fleet and other opportunities
- ✓ Complete interstate and Turnpike fast charging and gas refueling networks

Clean Transportation Networks -- Key Provisions

- 1) Establishes a state goal of at least a 50% increase in transportation electrification usage by December 31, 2030
- 2) Directs utilities to sponsor the development of regional transportation electrification frameworks by independent transportation to assess the anticipated number and geographic distribution of charging infrastructure necessary to support this level of usage
- 3) Utilities submit infrastructure investment plans to reasonably meet the needs identified in the regional market assessments to the PA PUC for approval as utility investment
- 4) Utilities may offer incentives for installation of charging/refueling infrastructure
- 5) Utilities are encouraged to offer EV rates that promote efficient use of the grid
- 6) Each utility shall contract for an update of the assessment every four years through December 31, 2026
- 7) Governor submits report to the Legislature and PUC on recommendations for NGV infrastructure
- 8) Directs PennDOT and the Turnpike Commission to develop a statewide plan for AFV infrastructure along interstate corridors

Clean Transportation Networks -- Status

- 1) PECO has worked with a broad range of stakeholders to refine the concepts included in this proposal, including:
 - Environmental organizations
 - Regional transportation planning organizations
 - Transit, port and airport agencies
 - Vehicle and equipment manufacturers and technology developers
 - Utilities
 - Local governments
 - Chambers of Commerce
 - Academic institutions
 - Consumer representatives
- 2) PECO has provided model legislation to the Wolf Administration, legislative leaders and key committee members to support their interest in promoting transportation electrification and gas vehicle opportunities in PA
- 3) We're pleased that Rep. Quinn has introduced HB 1446 with bipartisan support that incorporates the principles of the clean transportation networks proposal
- 4) We look forward to working with all parties to move Pennsylvania to the forefront of alternative vehicle adoption in the U.S.