

SNHPC Regional CMAQ Process Overview

SNHPC MPO Meeting
January 24, 2023

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CMAQ Application Status

- NHDOT held a solicitation for CMAQ projects during the fall and early winter.
 - The purpose of the CMAQ program is to improve air quality by reducing vehicular emissions through congestion mitigation.
 - Funding available in this CMAQ round is \$30,000,000.
 - Projects are 80% federal/20% local.
 - Applications were due on January 6, 2023.
- **In total, eleven (11) CMAQ applications were received for projects in the SNHPC region.**



CMAQ Applications in the SNHPC Region

- **Town of Bedford**

- Scope: Construction of approximately 3,800 linear feet of new curbed sidewalk along Old Bedford Road from the NH Route 101 intersection to Memorial Elementary School.
- Total Project Cost: \$670,000 (80% Federal/20% Local)

- **Revision Energy (Bedford)**

- Scope: Install (4) DCFC dispensers allowing charging for 4 vehicles with charge rates up to 350kW at Hannaford Grocery Store (Jenkins Road).
- Total Project Cost: \$897,000 (80% Federal/20% Local)



CMAQ Applications in the SNHPC Region

- **Town of Derry**

- Scope: Gas/diesel to hybrid/electric vehicle conversion. Install electric vehicle charging stations (EVCS) at key town facilities (e.g. Municipal Center, Police Headquarters, and the Department of Public Works).
- Total Project Cost: \$1,489,102 (80% Federal/20% Local)

- **Merchants Automotive Group (Hooksett)**

- Scope: Install DCFC public access charging infrastructure at automotive lot (1278 Hooksett Road) off I-93 and U.S. Route 3.
- Total Project Cost: \$500,000 (80% Federal/20% Local)



CMAQ Applications in the SNHPC Region

- **Merchants Automotive Group (Hooksett)**
 - Scope: Install workplace EV charging infrastructure at its headquarters location (14 Central Park Drive) accessible from I-93 and I-293.
 - Total Project Cost: \$1,000,000 (80% Federal/20% Local)
- **Town of Londonderry**
 - Scope: Const. 2,580 LF of multi-use path to complete the last phase (Phase 7) of the Londonderry Rail Trail.
 - Total Project Cost: \$527,990 (80% Federal/20% Local)



CMAQ Applications in the SNHPC Region

- **Nouria Energy Retail, Inc. (Londonderry)**
 - Scope: Install (2) electric vehicle DC fast charging stations at planned convenience store/fueling site (174 Rockingham Road, Londonderry)
 - Total Project Cost: \$400,000 (80% Federal/20% Local)
- **NHDOT Bureau of Traffic**
 - Scope: Evaluate and implement improvements to increase efficiency and optimize along three signalized corridors in Londonderry (NH 102), Windham (NH 111), and Seabrook
 - Total Project Cost: \$700,000 (80% Federal/20% Local)



CMAQ Applications in the SNHPC Region

- **Revision Energy (Manchester)**

- Scope: Install (4) DCFC dispensers allowing charging for 4 vehicles with charge rates up to 350kW at Market Basket Grocery Store (Elm Street).
- Total Project Cost: \$1,940,825 (80% Federal/20% Local)

- **City of Manchester**

- Scope: Improvements to Mammoth Road (NH Route 28A) between Bridge St. and Cilley/Huse Rd. Traffic signal optimization and communication upgrades. Const. turn lanes on Mammoth Rd. between Hanover St. and Lake Ave. and at Candia Rd. Const. 450 LF of sidewalk on Mammoth Rd. between Tarrytown Rd. and Hanover St.
- Total Project Cost: \$3,000,000 (80% Federal/20% Local)



CMAQ Applications in the SNHPC Region

- **Nouria Energy Retail, Inc. (Windham)**
 - Scope: Install (2) electric vehicle DC fast charging stations at planned convenience store/fueling site (13-15 Rockingham Road, Windham)
 - Total Project Cost: \$400,000 (80% Federal/20% Local)



SNHPC Role in the Statewide CMAQ Process

The SNHPC's role in the statewide CMAQ process is two-fold:

1. SNHPC will **conduct the required air quality analyses** for each of the applications in the region.
 - Historically, the SNHPC has utilized the Federal Highway Administration CMAQ Emissions Calculator Toolkit for this work.
2. SNHPC will **prioritize the applications in the region**. The regional priority constitutes 10% of the statewide score for CMAQ applications.



SNHPC Regional CMAQ Schedule

Date	Description	Status
January 19, 2023	SNHPC TAC Meeting to Introduce Process and Appoint Evaluation Subcommittee	Complete
January 24, 2023	SNHPC MPO Meeting to Introduce Process	In Progress
February (Throughout)	SNHPC Conducts Air Quality Analyses for Submitted Projects	Pending
February 16, 2023	SNHPC TAC Hosts Applicant Presentations	Pending
Week of March 6, 2023	SNHPC TAC Evaluation Subcommittee Meets to Develop an Initial Prioritization Recommendation	Pending
March 16, 2023	SNHPC TAC Considers Evaluation Subcommittee Recommendation and Reaches Consensus on CMAQ Priorities for SNHPC MPO Consideration	Pending
March 21, 2023	SNHPC MPO Considers TAC Recommendation and Reaches Consensus on CMAQ Priorities to be Submitted to NHDOT	Pending
March 24, 2023	Regional CMAQ Priorities due to NHDOT	Pending



SNHPC Regional CMAQ Project Evaluation Criteria

- SNHPC will develop regional CMAQ project priorities based on the same criteria used in the statewide process with weightings as follows.

Criterion	Description	Weighting
Project Readiness and Support	Does the applicant have LPA certified staff, have prior FHWA experience, and is project identified in local, regional, and/or statewide plan or a business plan?	20%
Financial Readiness	Does the applicant have funding available to complete the project at time of application, or is there commitment to request funding at next annual town meeting (or equivalent)?	20%
Stewardship/ Sustainability	What is the long-term maintenance plan for the project?	25%
Air Quality Benefits	Based on benefit/cost ratio of emissions reductions vs. the overall cost of the project.	35%



Questions?