

# EXPANDING EV CHARGING IN THE NORTH COUNTRY: INSIGHTS FROM NORTH OF THE NOTCH

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August 28, 2020

SB517 Commission



CLEAN ENERGY NH  
Your Voice in All Energy Matters



# ABOUT US

Mission: promote clean energy and clean tech that strengthens NH's economy, protects public health, and conserves natural resources

- Drive Electric NH Initiative established in 2017
- Drive Electric NH is a coalition of public and private stakeholders whose mission is to:
  - accelerate the adoption of electric vehicles and installation of supporting charging infrastructure in NH by;
  - increasing knowledge and awareness of EVs through education and outreach
- Seat on SB517 Commission





# OUR WORK WITH EV'S



# NORTH COUNTRY INITIATIVE

## Energy Circuit Rider Program

- Position funded by a grant from the Neil and Louise Tillotson Fund.
- Goal is to help municipalities in Coös Country complete energy efficiency and renewable energy projects.
- Serve as a pipeline between the incentives and programs that are available and the communities that could benefit from them.
- Strengthen the connections between energy efficiency programs and municipalities.



# NORTH COUNTRY INITIATIVE

## Energy Circuit Rider Program: Examples of Work

- Leverage available incentives to be used as matching funds for USDA Community Facility Grant Program
- Grant writing
- Assistance developing and issuing RFPs
- Connect municipalities to incentive programs and contractors
- Technical assistance



# CHANGES IN THE NORTH COUNTRY

## Population



Significant efforts to combat declining population by attracting visitors and new residents

## Economics



New efforts to revitalize communities facing economic difficulties

## Energy



Focus on energy independence & savings to lower costs on residents

## Environment



Emphasis on year-round outdoor recreation activities

# TRAVEL & TOURISM IN COOS COUNTY

**\$239 MILLION**



Total travel spending in 2017

**\$15 MILLION**

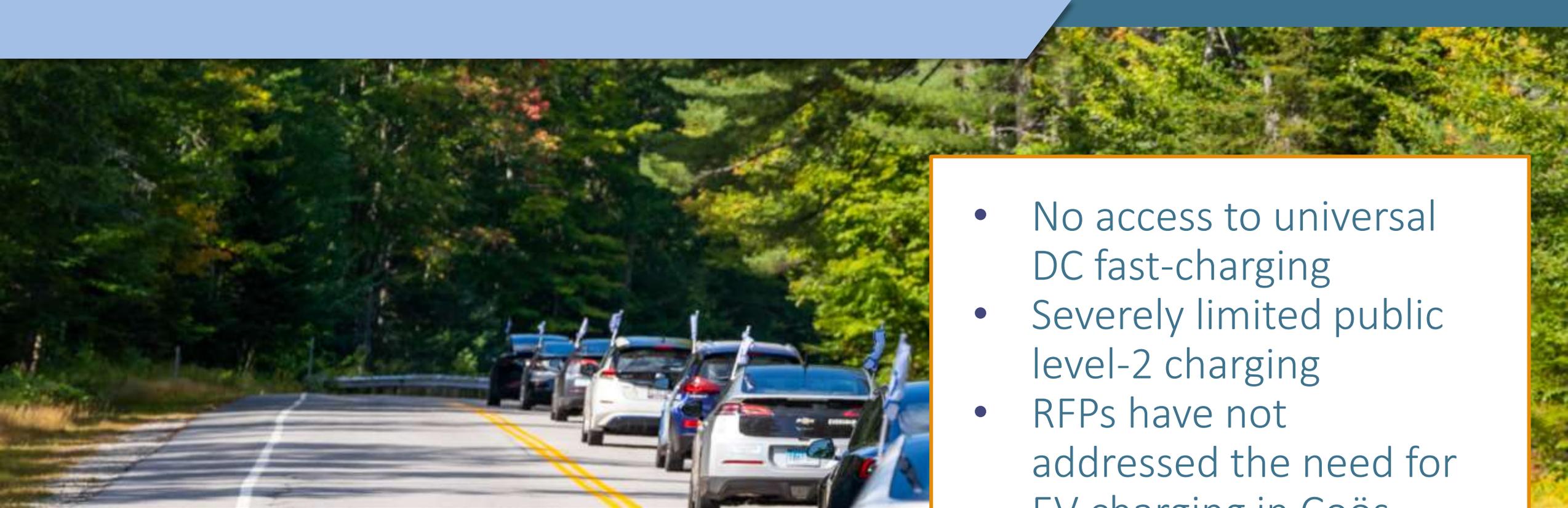


State tax receipts from travel spending in 2017

**9.7%**

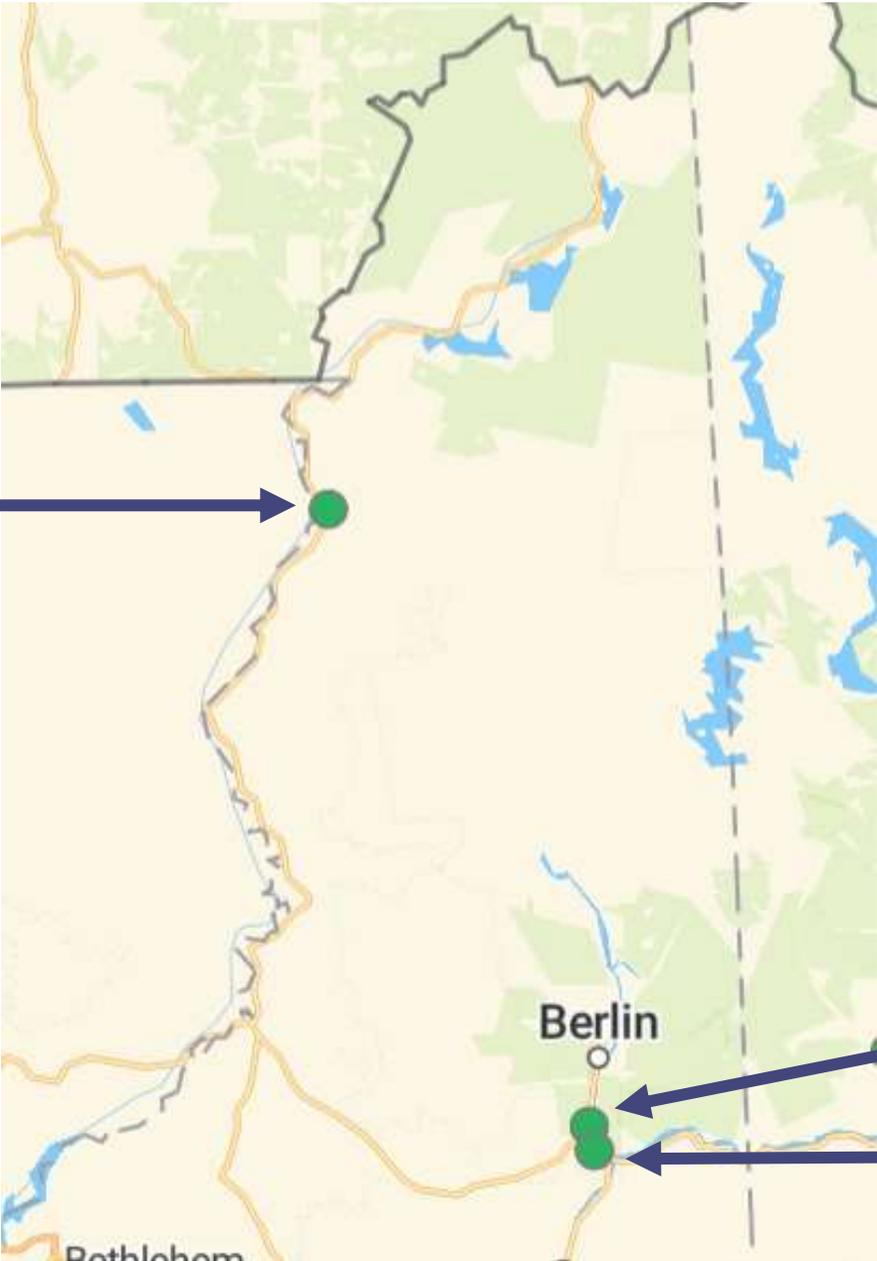


Increase in total travel spending from 2016-2017



# EV'S IN THE NORTH COUNTRY

- No access to universal DC fast-charging
- Severely limited public level-2 charging
- RFPs have not addressed the need for EV charging in Coös County
- Northernmost Tesla-only supercharger is Lincoln



LaPerle's IGA,  
*Colebrook*



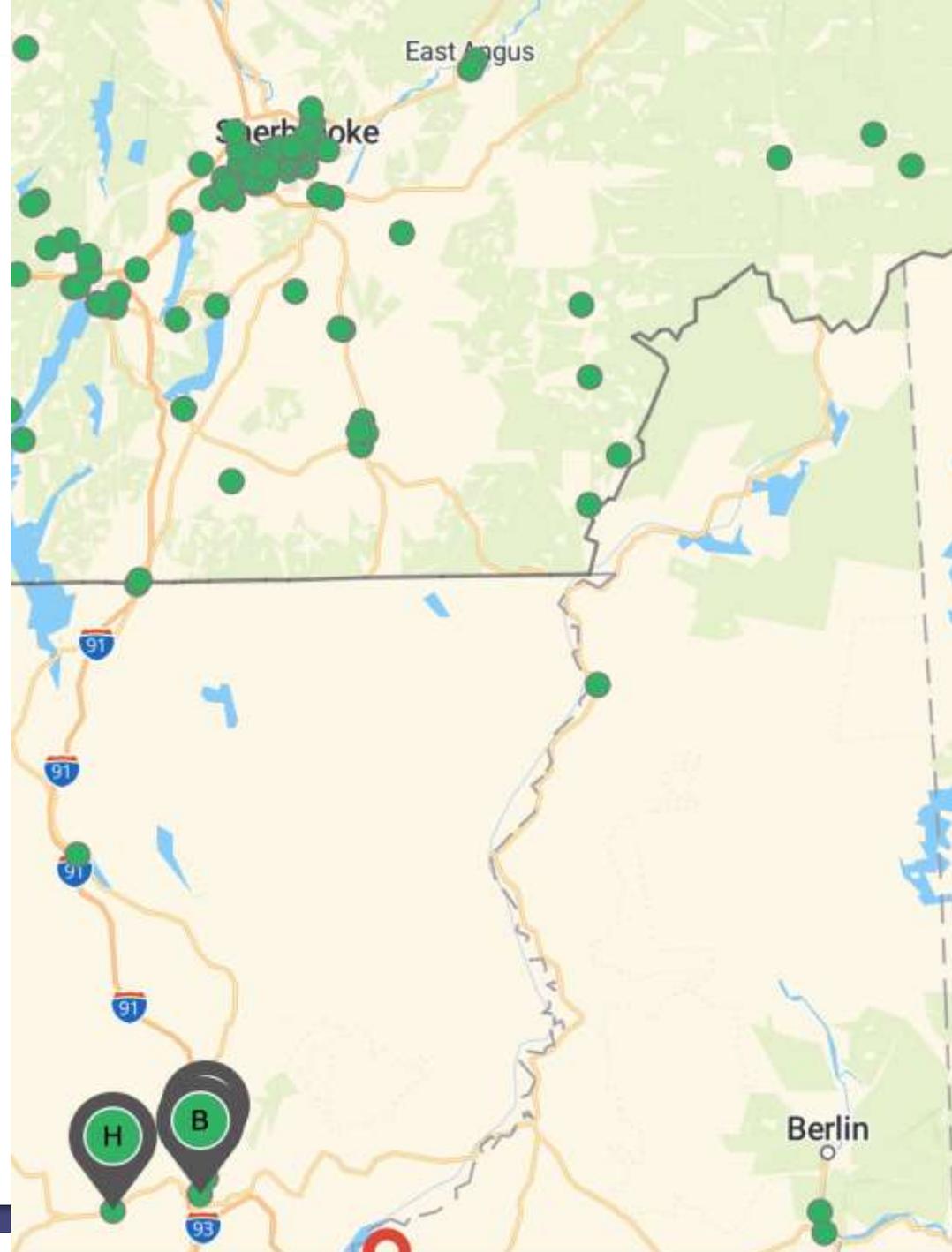
Berlin City  
Nissan



Top Notch Inn,  
*Gorham*

# THE ELECTRIC CIRCUIT

- A robust network of 100s of public EV charging stations in Quebec and Ontario
- Lack of available charging may deter EV drivers from visiting Coös County



Source: Alternative Fuels Data Center

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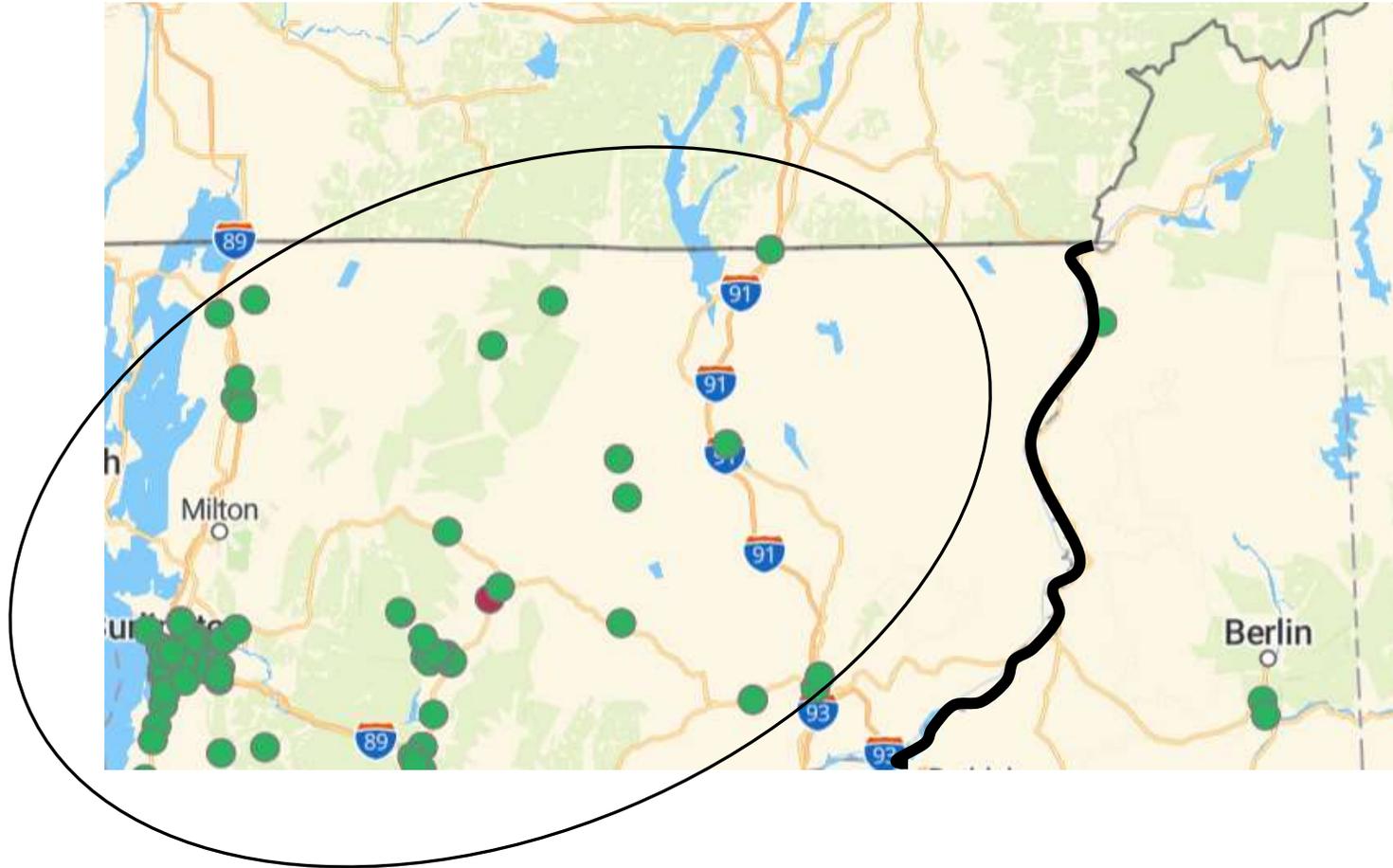
*New Hampshire sees 228,000 overnight French-Canadian visitors each year, while Vermont gets about **DOUBLE** that amount.*

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CANADA

VERMONT

79



NEW  
HAMPSHIRE

3

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IDEALLY, ALL BUT THE SMALLEST TOWNS IN THE NORTH COUNTRY WOULD HAVE EV CHARGING STATIONS LOCATED WHERE BYWAY TRAVELERS COULD LEAVE THEIR CAR FOR AN HOUR OR TWO WHILE THEY WALK ALONG MAIN STREET, HAVE A MEAL OR A COLD DRINK, VISIT A MUSEUM, OR TAKE A LONGER WALK THROUGH A NEARBY SCENIC AREA (THROUGH THE COVERED BRIDGE AND ALONG THE RIVER IN BATH, STARK, GROVETON OR LITTLETON OR ALONG THE RIVER IN LANCASTER OR BERLIN).

**Carl Martland**

*Board of Directors, North Country Council  
Chair, North Country Scenic Byways Council*

Source: Town of Lancaster

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THE NORTH COUNTRY, AND BETHLEHEM IN PARTICULAR, APPRECIATES THE OUTDOORS AND A CLEAN ENVIRONMENT MORE THAN ANY OTHER; WE TRY TO LIVE BY EXAMPLE. SADLY, THERE ARE RELATIVELY FEW EV CHARGING STATIONS IN THE NORTH COUNTRY. IN BETHLEHEM, WE'VE TALKED ABOUT LOOKING FOR WAYS TO INSTALL OR ATTRACT THEM AS THEY BRING ECONOMIC STIMULUS TO THE AREA, HOWEVER THE COST HAS THUS FAR PREVENTED IMPLEMENTATION. WE ARE A GROWING TOWN WITH AN INFLUX OF YOUNG PEOPLE THAT CARE ABOUT THE ENVIRONMENT; AN EV CHARGING STATION WOULD BENEFIT EVERYONE IN THE NORTH COUNTRY, PARTICULARLY BETHLEHEM AND WE HOPE YOU'LL SUPPORT US.

**Bruce Caplain**

*Selectman, Town of Bethlehem*

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THE ECONOMICS OF THE AREA, ONE OF THE MOST ECONOMICALLY DEPRESSED IN NEW ENGLAND, ARE BASED DIRECTLY ON HOW MANY PEOPLE **STOP** TO VISIT; NOT HOW MANY DRIVE PAST. EVS ARE THE NEW FUTURE; **COOS COUNTY** NEEDS TO BECOME PART OF THAT TREND IN ORDER TO CAPTURE THE TRAVEL TRADE BENEFITS. COOS COUNTY SHOULD NOT BE LEFT BEHIND.

**Robert Larson**

*Public Works Director, Town of Whitefield*

Source: Town of Whitefield



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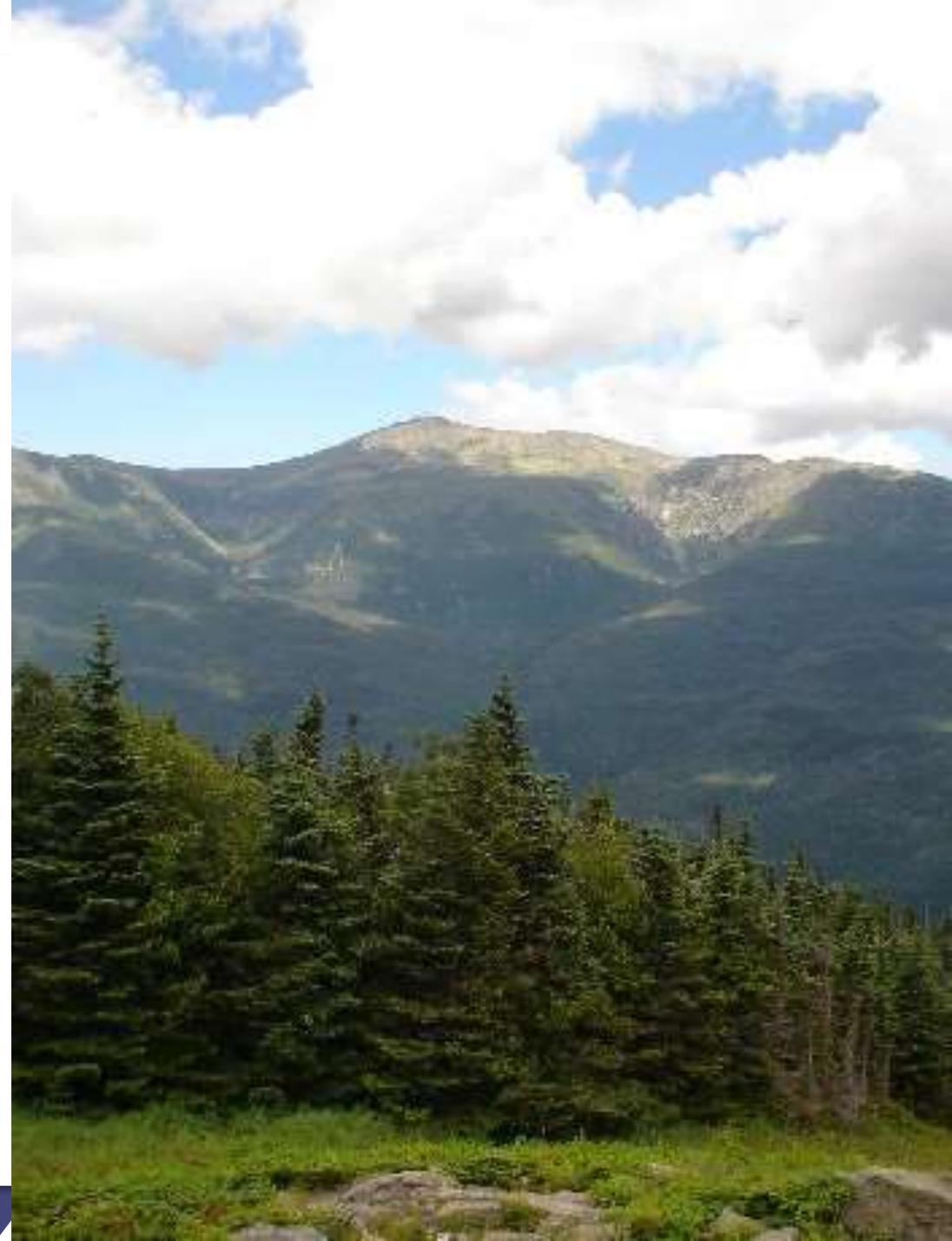
“LOCATING AN EV CHARGING STATION IN **GORHAM** WOULD BE A HUGE BENEFIT TO THOSE TRAVELING ALONG US ROUTE 2 AND NH ROUTE 16 AS BOTH MAJOR HIGHWAYS RUN THROUGH THE CENTER OF GORHAM. TOURISTS WOULD THEN HAVE AN OPPORTUNITY TO PLUG THEIR VEHICLE IN, AND WHILE IT IS CHARGING, THEY WOULD BE WITHIN WALKING DISTANCE OF MANY OF GORHAM’S SMALL RETAIL/ANTIQUÉ SHOPS, CASUAL TO GOURMET RESTAURANTS AND HIKING/BIKING TRAILS. GORHAM HAS BEEN WORKING VERY HARD TO PROMOTE OUR TOURIST AND RECREATION ECONOMY AND HAS ALSO INCLUDED GREEN INITIATIVES IN OUR 2020 MASTER PLAN.”

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**Denise Vallee**

*Town Manager, Town of Gorham*

Source: New Hampshire’s Grand North



# THANK YOU



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